

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091916\
 Data File : BF090127.D
 Acq On : 19 Sep 2016 18:40
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 19:06:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	555988	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	2061610	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	921770	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	1561048	20.00	ng	0.00
75) Chrysene-d12	13.67	240	793559	20.00	ng	0.00
86) Perylene-d12	14.99	264	1019417	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	2537226	73.39	ng	0.00
7) Phenol-d6	6.24	99	3151667	69.64	ng	0.03
23) Nitrobenzene-d5	7.14	82	2933542	80.01	ng	0.01
41) 2,4,6-Tribromophenol	10.38	330	630660	68.11	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	3120218	53.16	ng	0.00
78) Terphenyl-d14	12.64	244	2730484	81.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	757483	41.97	ng	99
3) Pyridine	2.56	79	2021124	43.92	ng	99
4) n-Nitrosodimethylamine	2.54	42	653598	44.87	ng	96
6) Aniline	6.23	93	2137922	38.06	ng	# 79
8) 2-Chlorophenol	6.34	128	1251960	31.43	ng	94
9) Benzaldehyde	6.09	77	930523	38.57	ng	98
10) Phenol	6.25	94	2011617	39.60	ng	# 68
11) bis(2-Chloroethyl)ether	6.31	93	1217350	29.88	ng	93
12) 1,3-Dichlorobenzene	6.49	146	1539854	37.58	ng	96
13) 1,4-Dichlorobenzene	6.57	146	1486423	35.14	ng	97
14) 1,2-Dichlorobenzene	6.57	146	1475939	38.40	ng	98
15) Benzyl Alcohol	6.73	79	1013013	39.75	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	1429075	29.60	ng	# 43
17) 2-Methylphenol	6.84	107	1216135	37.33	ng	# 82
18) Hexachloroethane	7.05	117	551616	35.94	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	956891	34.02	ng	98
20) 3+4-Methylphenols	7.02	107	1358918	34.36	ng	96
22) Acetophenone	6.99	105	2168139	43.45	ng	# 98
24) Nitrobenzene	7.15	77	1308855	33.89	ng	95
25) Isophorone	7.42	82	3474155	45.25	ng	100
26) 2-Nitrophenol	7.46	139	804012	42.93	ng	98
27) 2,4-Dimethylphenol	7.53	122	1255680	38.11	ng	98
28) bis(2-Chloroethoxy)methane	7.61	93	1782054	39.57	ng	99
29) 2,4-Dichlorophenol	7.71	162	1052971	36.18	ng	90
30) 1,2,4-Trichlorobenzene	7.78	180	1020542	35.54	ng	99
31) Naphthalene	7.86	128	2999492	29.60	ng	97
32) Benzoic acid	7.76	122	1220184	45.96	ng	95
33) 4-Chloroaniline	7.92	127	1671366	38.75	ng	99
34) Hexachlorobutadiene	7.98	225	528379	35.94	ng	98
35) Caprolactam	8.38	113	363199	37.37	ng	100
36) 4-Chloro-3-methylphenol	8.43	107	1317719	39.00	ng	96
37) 2-Methylnaphthalene	8.55	142	1912935	30.44	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	850508	35.88	ng	99
40) Hexachlorocyclopentadiene	8.70	237	396949	32.23	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091916\
 Data File : BF090127.D
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 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

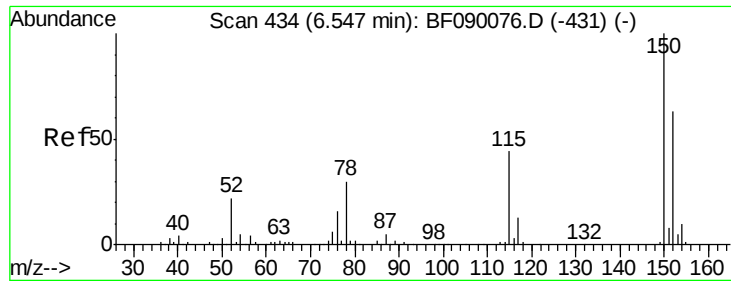
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 19:06:27 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.84	196	747892	43.54	ng	99
43) 2,4,5-Trichlorophenol	8.89	196	636277	34.43	ng	# 91
45) 1,1'-Biphenyl	9.03	154	2471718	32.77	ng	95
46) 2-Chloronaphthalene	9.04	162	1582823	28.32	ng	97
47) 2-Nitroaniline	9.14	65	745080	41.76	ng	89
48) Acenaphthylene	9.45	152	3212042	34.22	ng	98
49) Dimethylphthalate	9.35	163	2827366	41.30	ng	98
50) 2,6-Dinitrotoluene	9.40	165	720526	47.09	ng	# 71
51) Acenaphthene	9.62	154	1620901	30.92	ng	99
52) 3-Nitroaniline	9.56	138	686482	36.88	ng	95
53) 2,4-Dinitrophenol	9.67	184	273736	32.91	ng	98
54) Dibenzofuran	9.79	168	2496108	34.43	ng	96
55) 4-Nitrophenol	9.75	139	488733	37.31	ng	86
56) 2,4-Dinitrotoluene	9.80	165	741242	39.74	ng	# 54
57) Fluorene	10.14	166	1838309	31.65	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	511854	36.32	ng	95
59) Diethylphthalate	10.03	149	2153482	32.49	ng	98
60) 4-Chlorophenyl-phenylether	10.12	204	570428	23.11	ng	92
61) 4-Nitroaniline	10.19	138	716095	38.00	ng	86
62) Azobenzene	10.28	77	2274444	32.70	ng	97
64) 4,6-Dinitro-2-methylphenol	10.20	198	340646	32.67	ng	# 58
65) n-Nitrosodiphenylamine	10.26	169	2008072	40.60	ng	100
66) 4-Bromophenyl-phenylether	10.62	248	616679	40.98	ng	97
67) Hexachlorobenzene	10.67	284	656287	37.01	ng	97
68) Atrazine	10.80	200	633629	43.11	ng	98
69) Pentachlorophenol	10.87	266	422810	40.70	ng	99
70) Phenanthrene	11.07	178	2625366	34.80	ng	98
71) Anthracene	11.13	178	2494321	30.28	ng	98
72) Carbazole	11.29	167	2811058	33.27	ng	97
73) Di-n-butylphthalate	11.63	149	3197928	33.75	ng	99
74) Fluoranthene	12.25	202	2494620	31.56	ng	98
76) Benzidine	12.38	184	1125673	34.78	ng	98
77) Pyrene	12.48	202	2656816	45.87	ng	99
79) Butylbenzylphthalate	13.11	149	1258808	43.65	ng	# 81
80) Benzo(a)anthracene	13.66	228	1924580	41.55	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	703289	36.22	ng	# 98
82) Chrysene	13.70	228	2009763	46.25	ng	99
83) Bis(2-ethylhexyl)phthalate	13.68	149	1513329	42.42	ng	# 97
84) Di-n-octyl phthalate	14.29	149	2919019	45.78	ng	99
85) Indeno(1,2,3-cd)pyrene	16.19	276	2549421	67.53	ng	98
87) Benzo(b)fluoranthene	14.67	252	3961897	66.29	ng	# 96
88) Benzo(k)fluoranthene	14.67	252	3961897	73.64	ng	# 97
89) Benzo(a)pyrene	14.95	252	2012703	37.56	ng	# 95
90) Dibenzo(a,h)anthracene	16.22	278	1983278	47.25	ng	96
91) Benzo(g,h,i)perylene	16.55	276	2167664	54.12	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

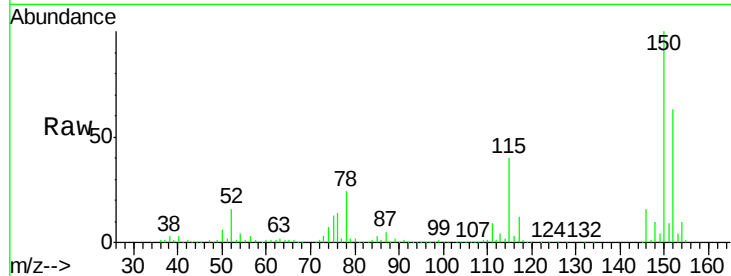
Tgt Ion:152 Resp: 555988

Ion Ratio Lower Upper

152 100

150 158.8 128.9 193.3

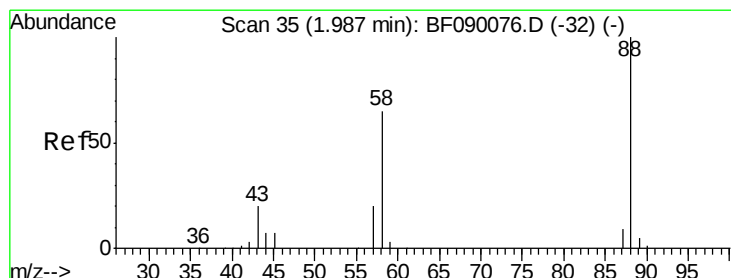
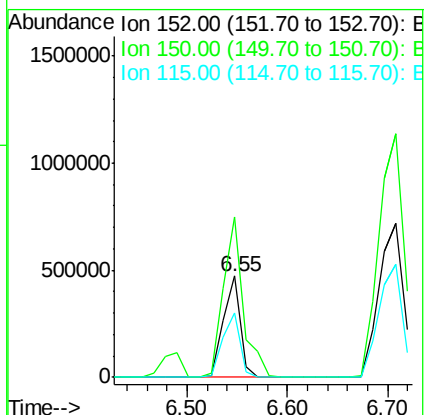
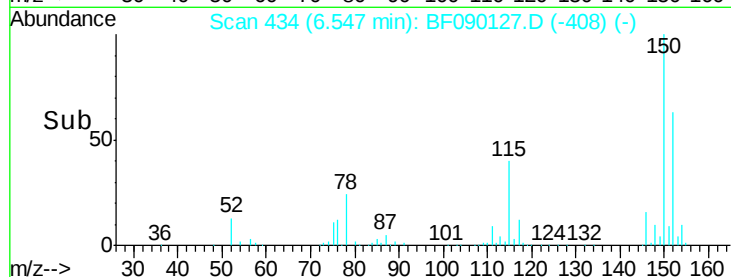
115 63.0 55.5 83.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.97 ng

RT: 1.94 min Scan# 31

Delta R.T. -0.05 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

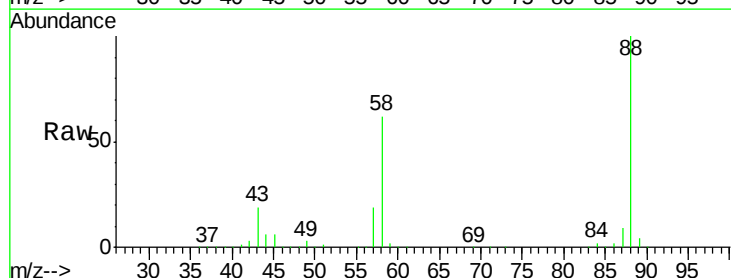
Tgt Ion: 88 Resp: 757483

Ion Ratio Lower Upper

88 100

58 65.5 53.4 80.0

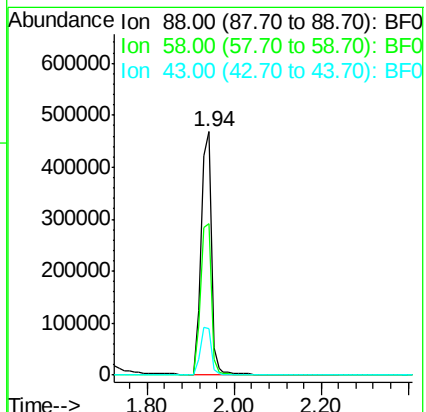
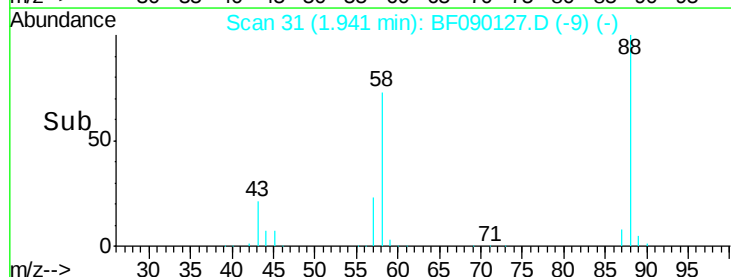
43 20.6 16.5 24.7

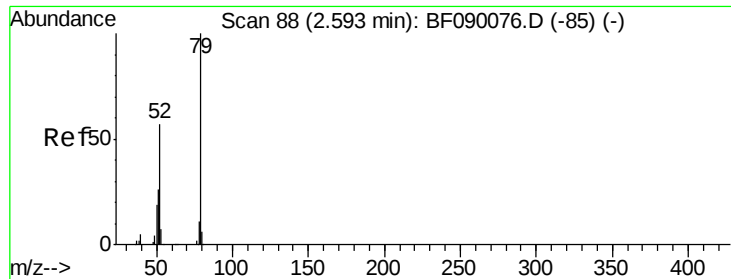


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 43.92 ng

RT: 2.56 min Scan# 85

Delta R.T. -0.03 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

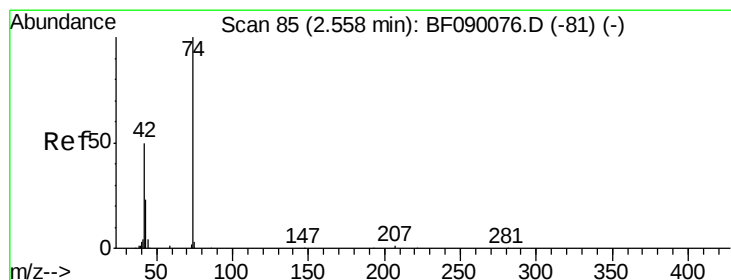
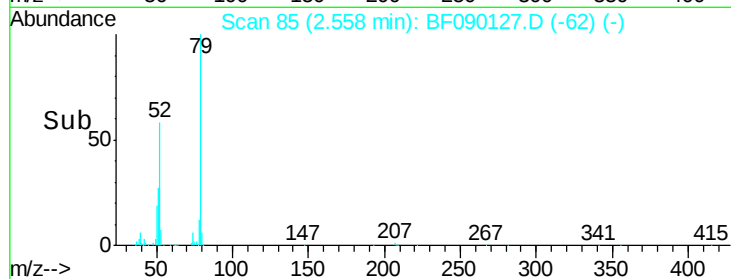
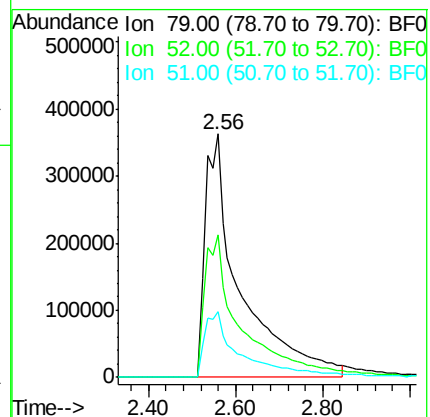
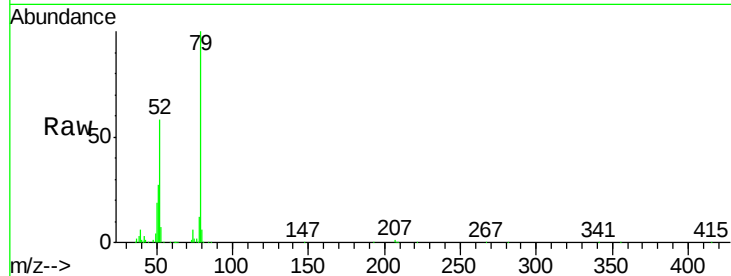
Tgt Ion: 79 Resp: 2021124

Ion Ratio Lower Upper

79 100

52 58.4 45.9 68.9

51 26.9 21.3 31.9



#4

n-Nitrosodimethylamine

Concen: 44.87 ng

RT: 2.54 min Scan# 83

Delta R.T. -0.02 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

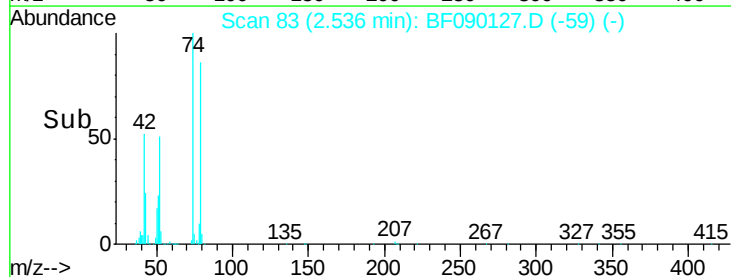
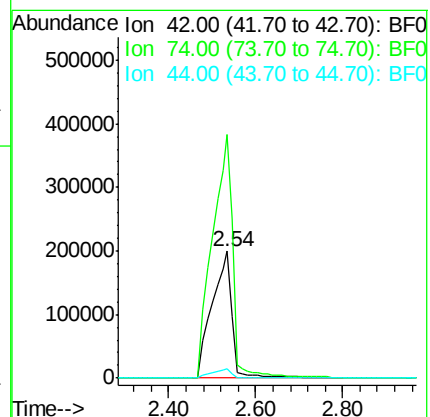
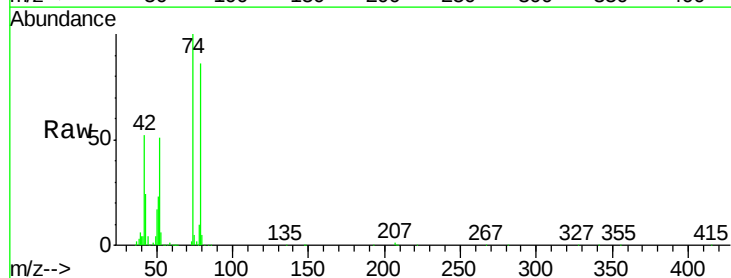
Tgt Ion: 42 Resp: 653598

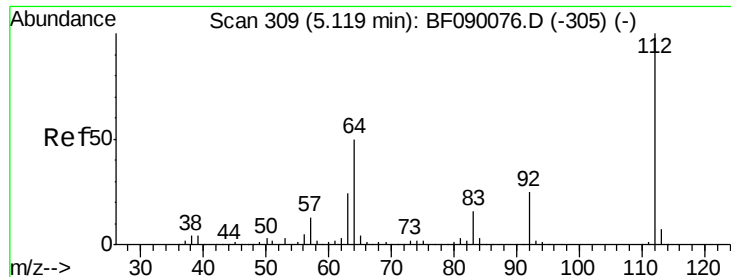
Ion Ratio Lower Upper

42 100

74 192.3 158.7 238.1

44 7.5 6.4 9.6





#5

2-Fluorophenol

Concen: 73.39 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

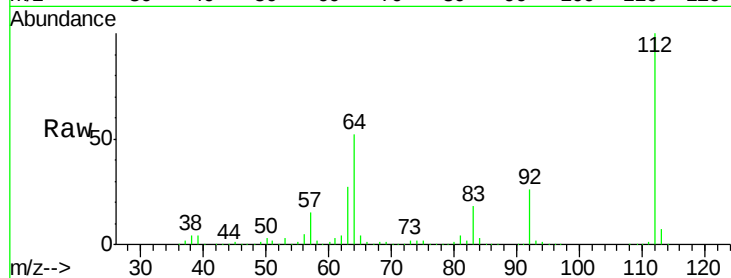
Tgt Ion: 112 Resp: 2537226

Ion Ratio Lower Upper

112 100

64 51.8 39.8 59.6

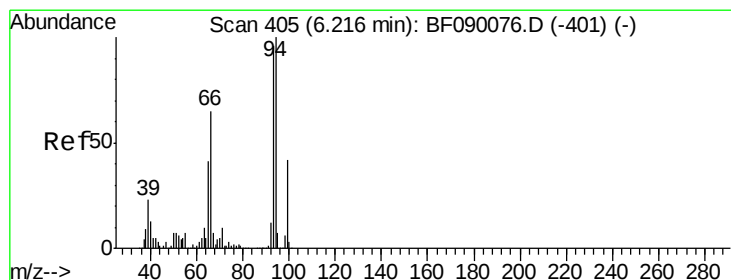
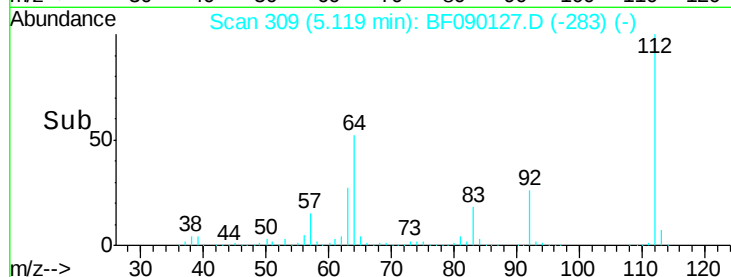
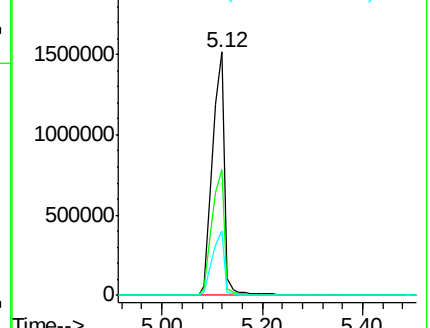
63 26.6 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.06 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

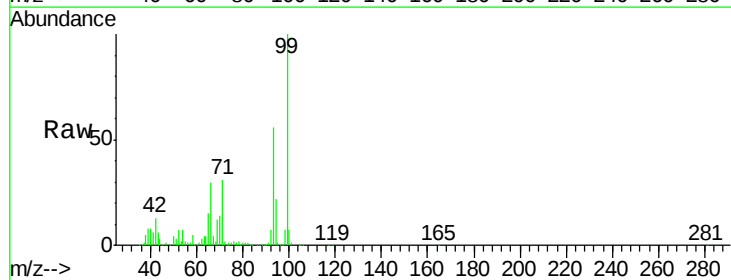
Tgt Ion: 93 Resp: 2137922

Ion Ratio Lower Upper

93 100

66 52.8 54.2 81.2#

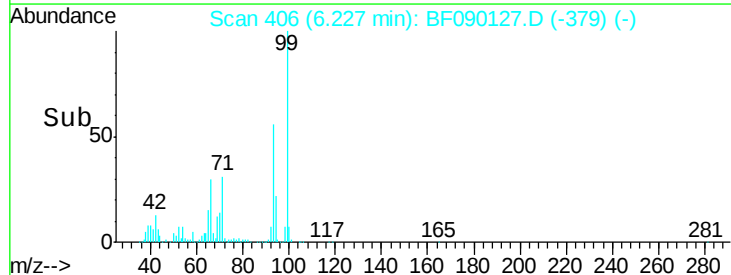
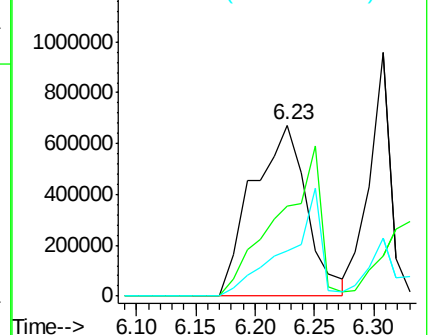
65 26.3 33.8 50.6#

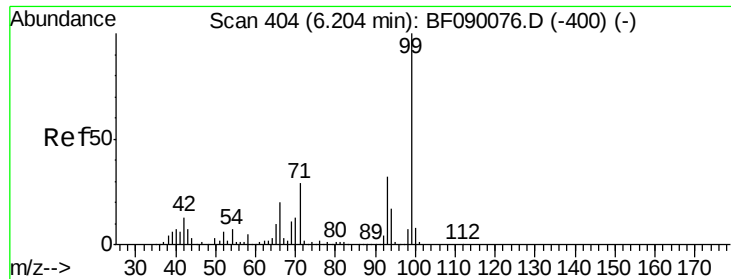


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 69.64 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

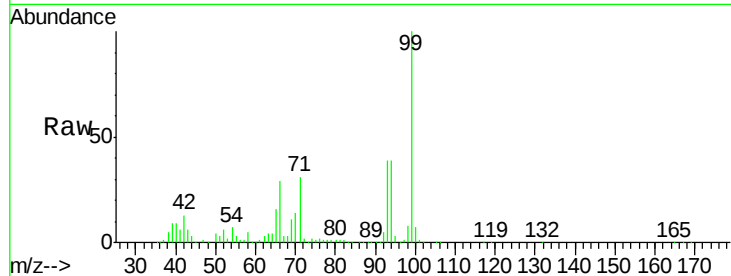
Tgt Ion: 99 Resp: 3151667

Ion Ratio Lower Upper

99 100

42 12.6 10.6 15.8

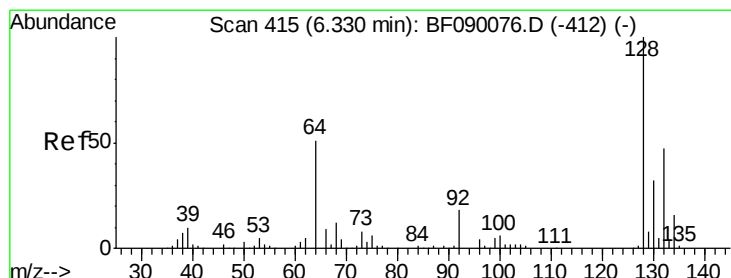
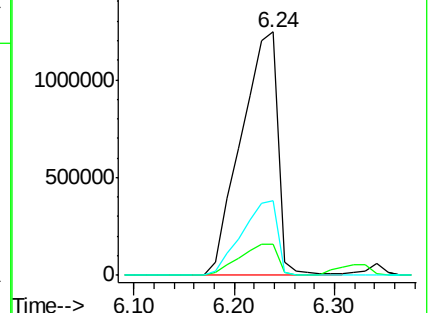
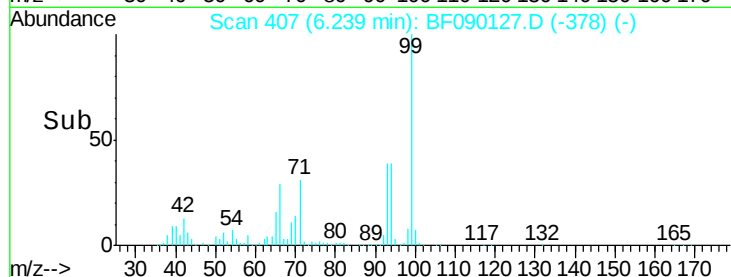
71 30.8 23.0 34.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.43 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

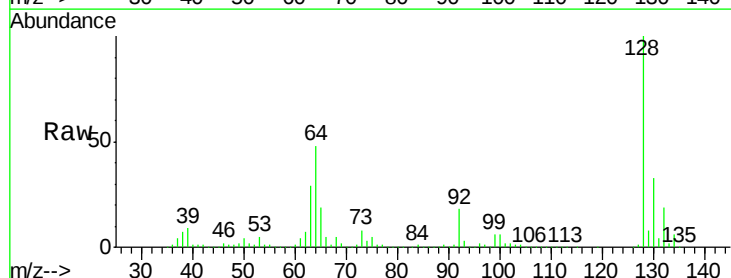
Tgt Ion: 128 Resp: 1251960

Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

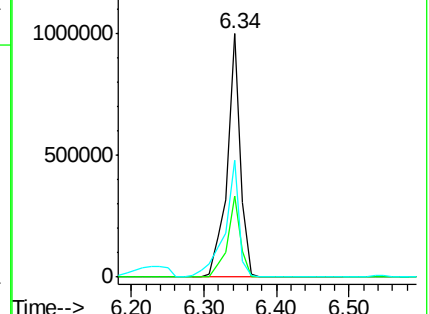
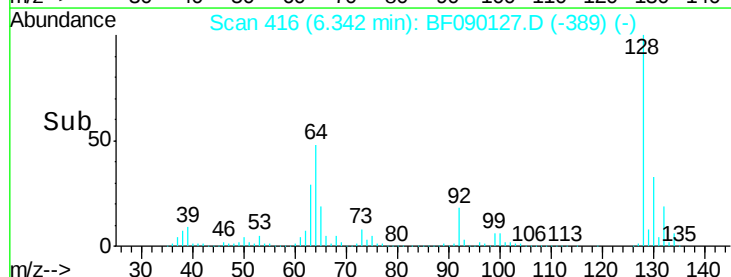
64 47.8 33.6 73.6

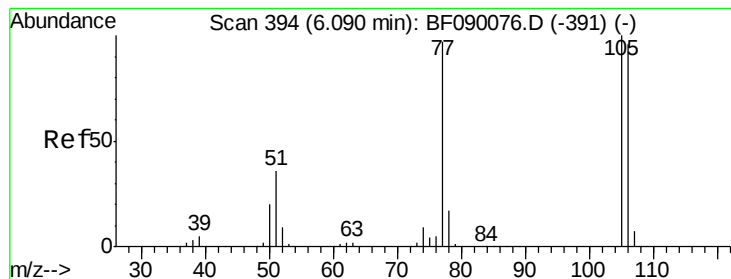


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.57 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

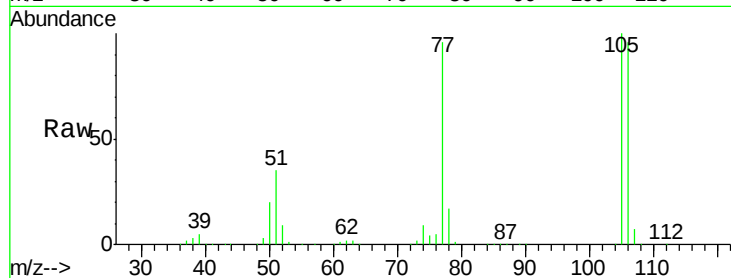
Tgt Ion: 77 Resp: 930523

Ion Ratio Lower Upper

77 100

105 104.5 83.0 123.0

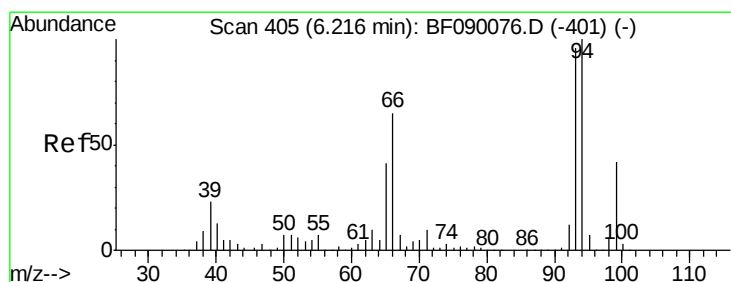
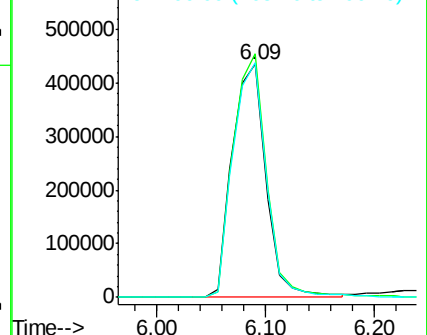
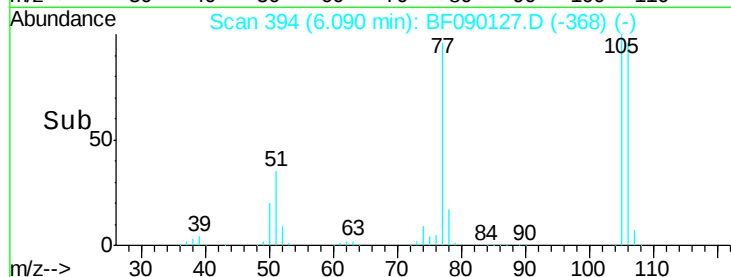
106 100.6 78.5 118.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.60 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.03 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

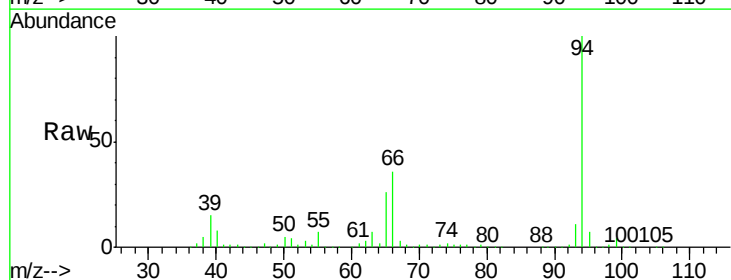
Tgt Ion: 94 Resp: 2011617

Ion Ratio Lower Upper

94 100

65 26.0 20.6 60.6

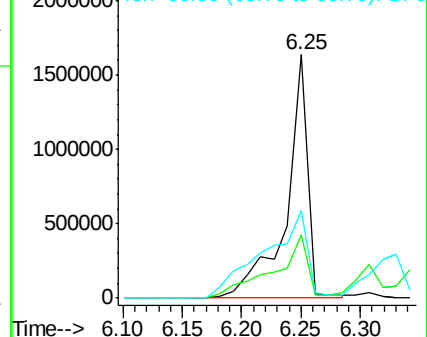
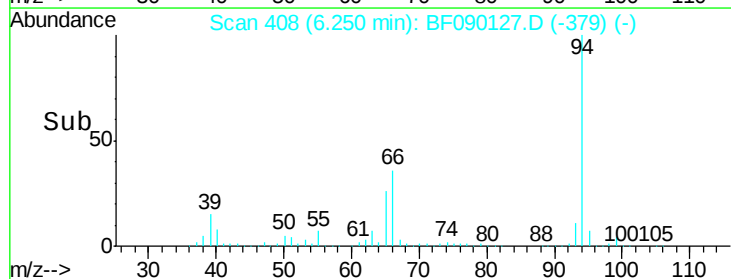
66 36.0 45.1 85.1#

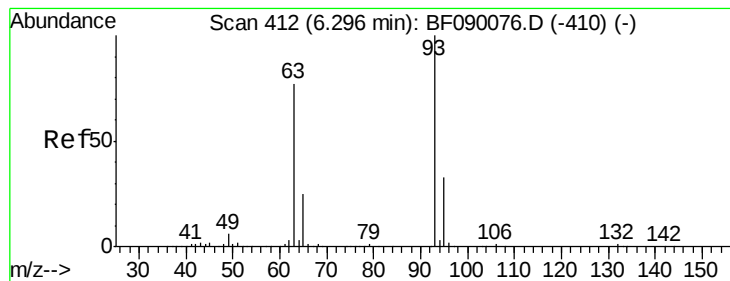


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

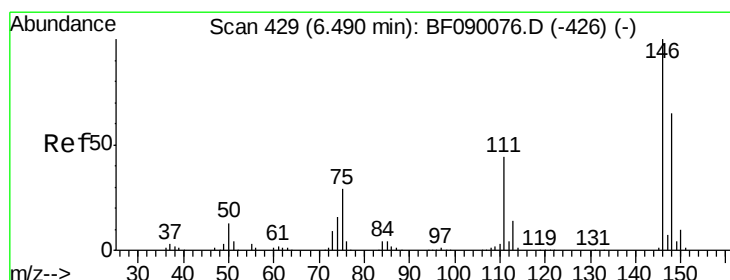
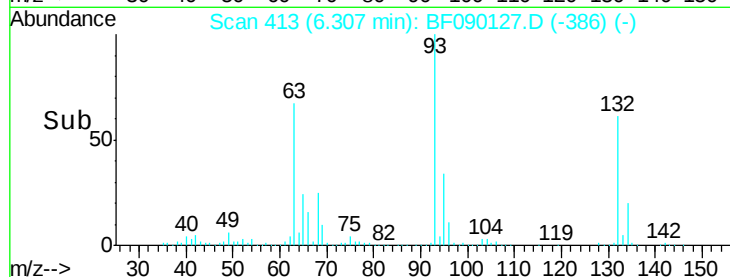
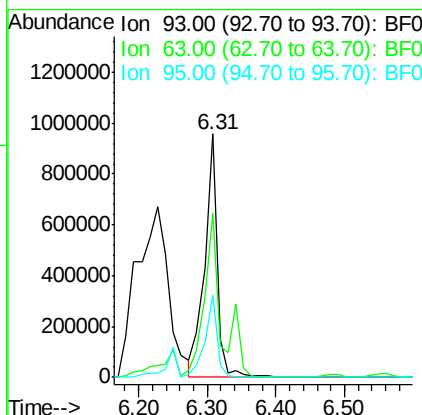
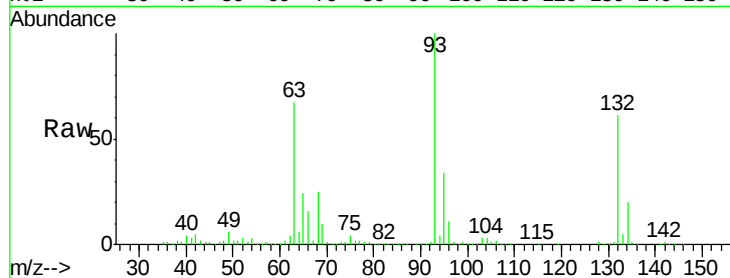




#11
 bis(2-Chloroethyl)ether
 Concen: 29.88 ng
 RT: 6.31 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

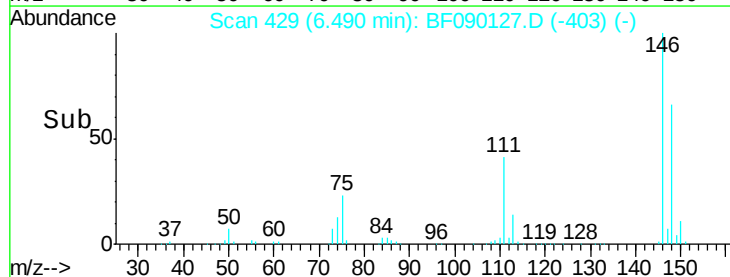
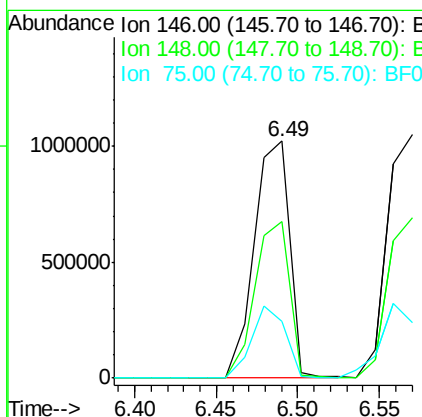
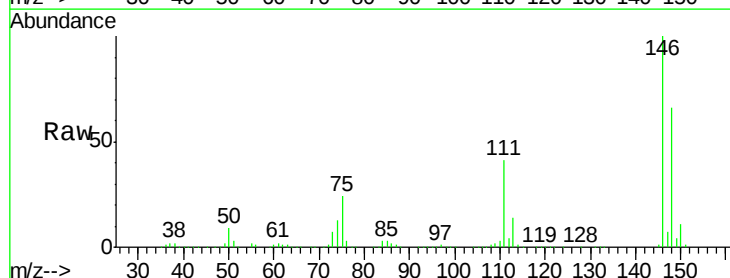
Instrument :
 BNA_F
 ClientSampleId :

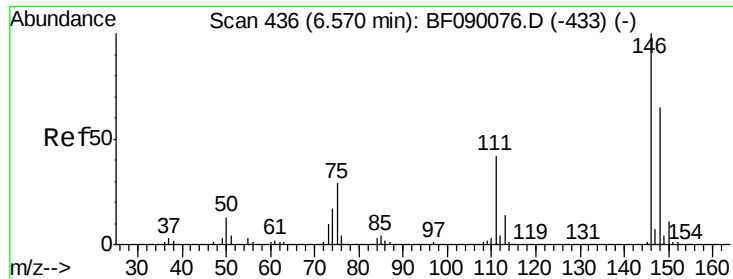
Tgt Ion: 93 Resp: 1217350
 Ion Ratio Lower Upper
 93 100
 63 67.3 55.6 95.6
 95 33.9 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 37.58 ng
 RT: 6.49 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

Tgt Ion: 146 Resp: 1539854
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.9 77.9
 75 23.8 22.8 34.2

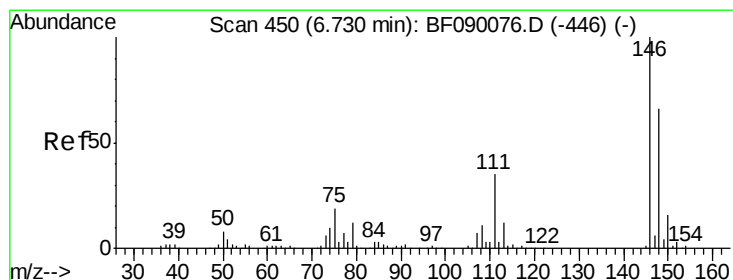
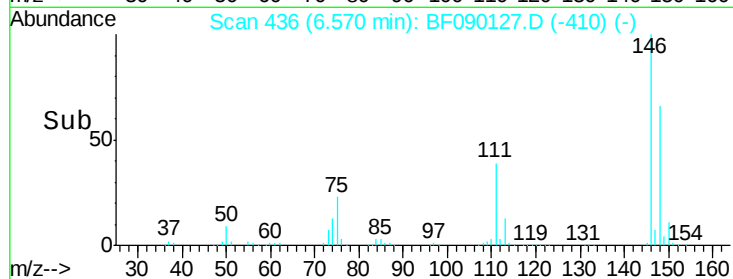
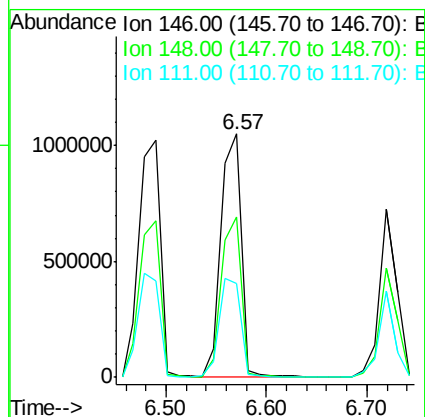
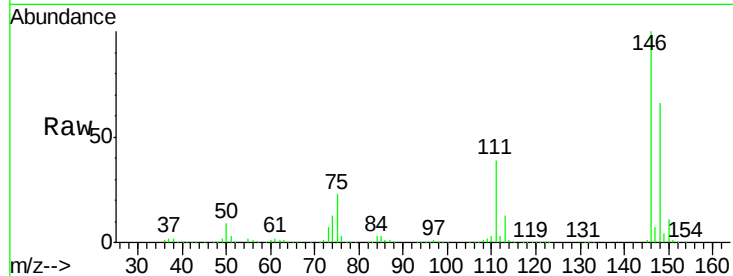




#13
 1,4-Dichlorobenzene
 Concen: 35.14 ng
 RT: 6.57 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

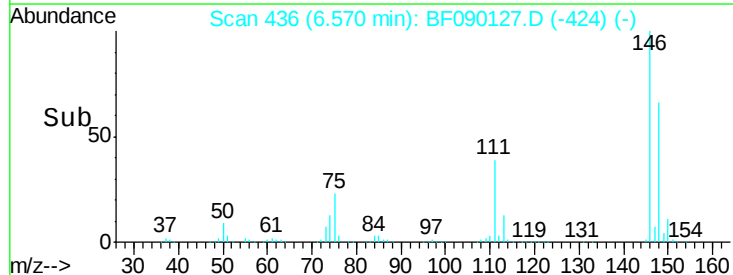
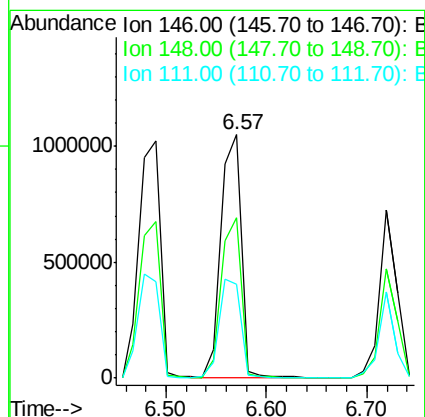
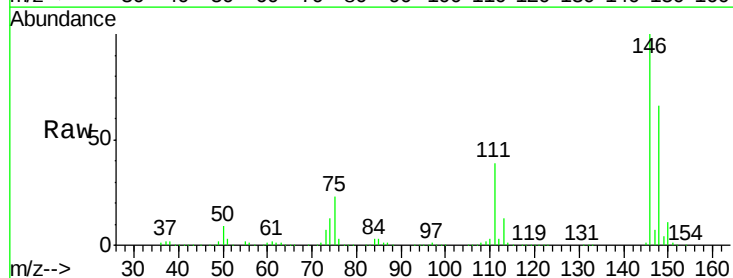
Instrument :
 BNA_F
 ClientSampled :

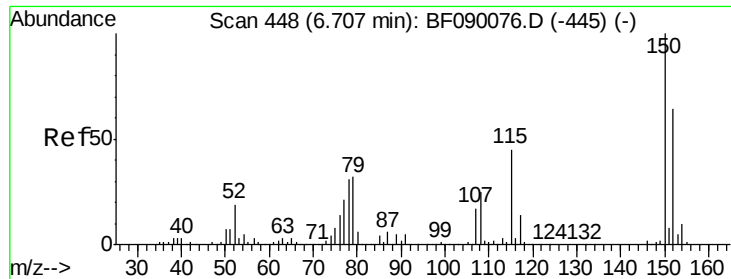
Tgt Ion:146 Resp: 1486423
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.0 78.0
 111 38.7 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 38.40 ng
 RT: 6.57 min Scan# 436
 Delta R.T. -0.16 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

Tgt Ion:146 Resp: 1475939
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.6 79.0
 111 38.7 28.2 42.2

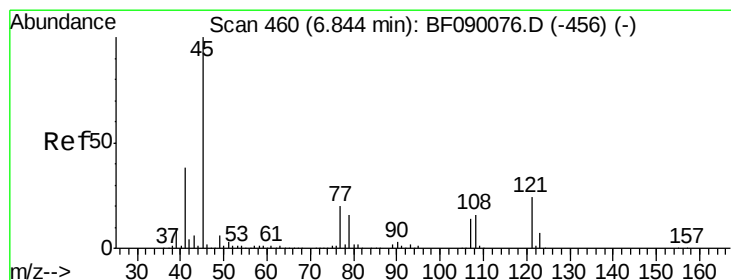
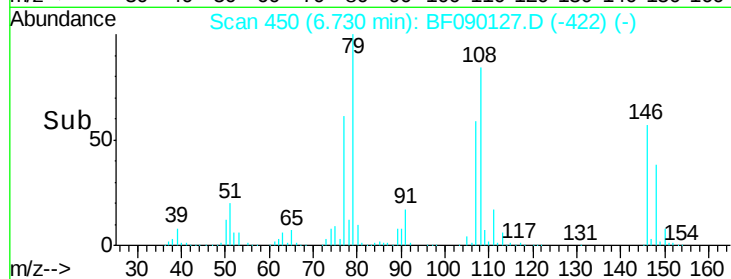
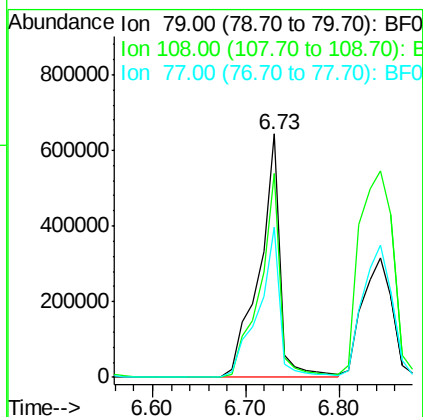
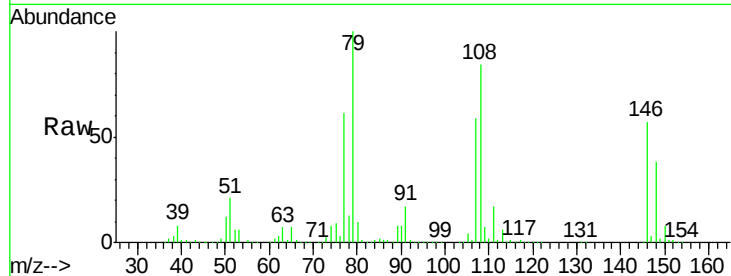




#15
Benzyl Alcohol
Concen: 39.75 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.02 min
Lab File: BF090127.D
Acq: 19 Sep 2016 18:40

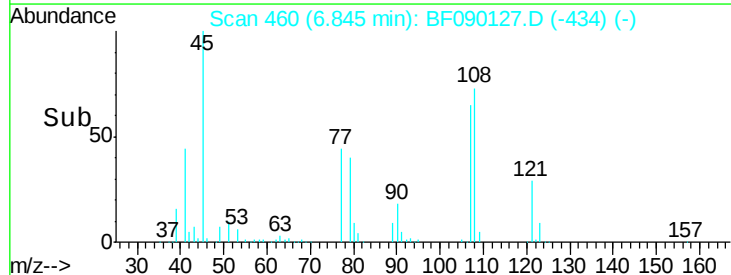
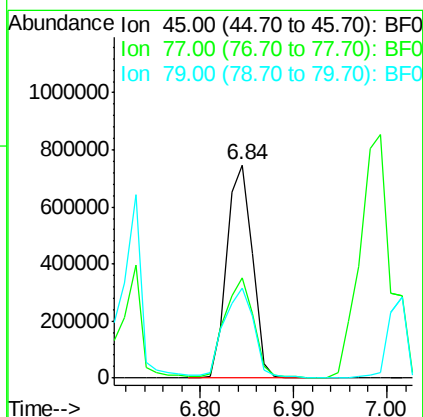
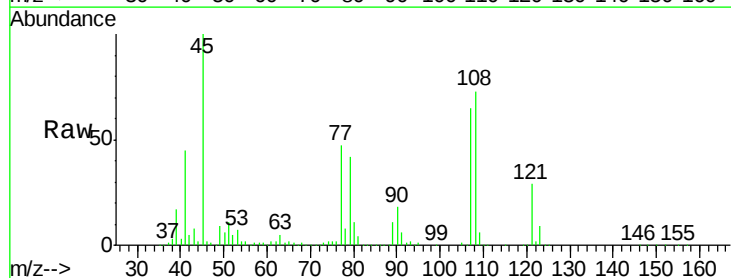
Instrument :
BNA_F
ClientSampleId :

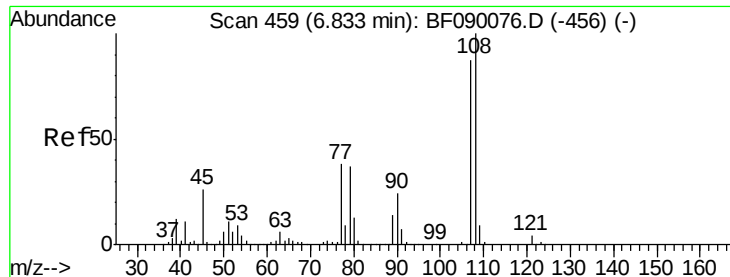
Tgt Ion: 79 Resp: 1013013
Ion Ratio Lower Upper
79 100
108 83.9 62.2 93.4
77 61.5 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.60 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF090127.D
Acq: 19 Sep 2016 18:40

Tgt Ion: 45 Resp: 1429075
Ion Ratio Lower Upper
45 100
77 46.8 0.5 40.5#
79 42.1 0.0 37.0#

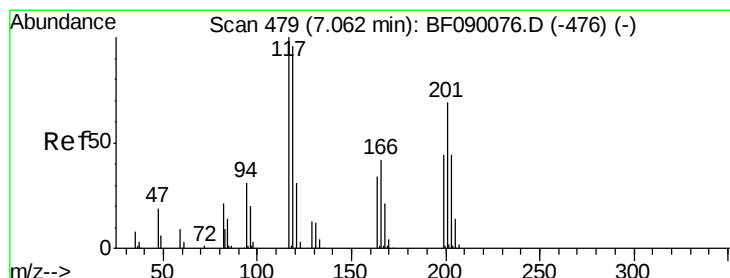
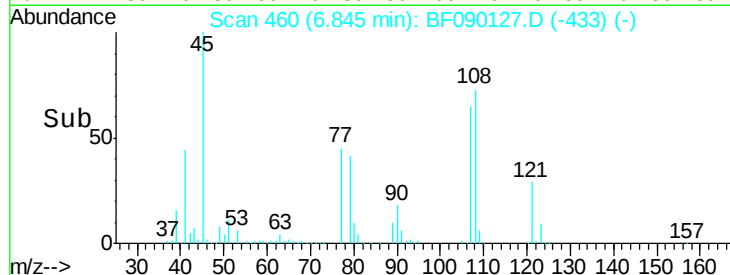
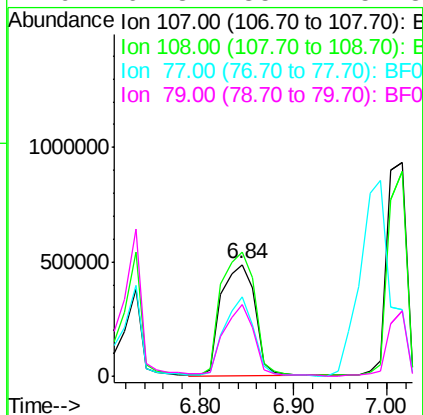
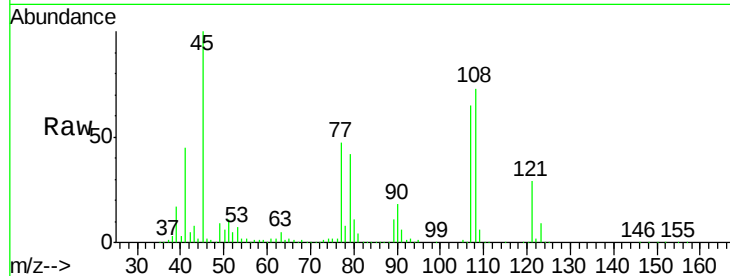




#17
2-Methylphenol
Concen: 37.33 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF090127.D
Acq: 19 Sep 2016 18:40

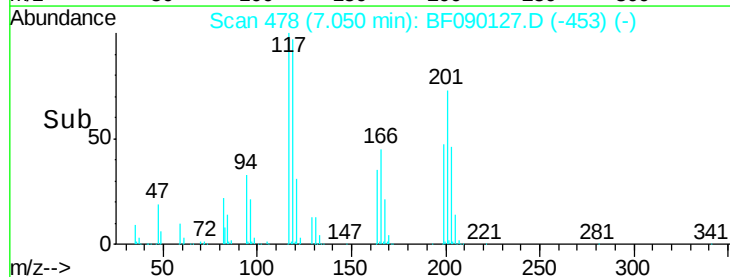
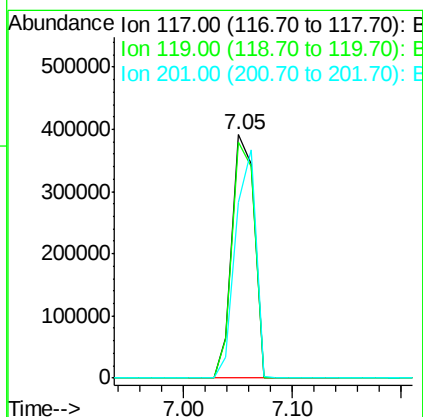
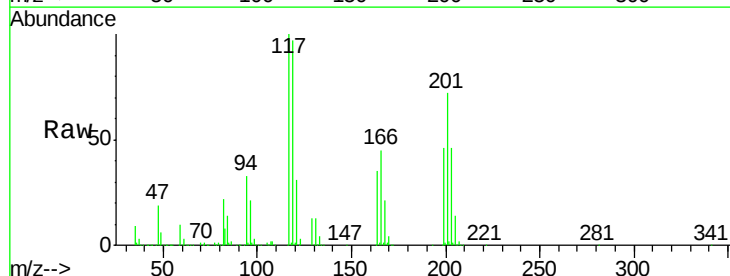
Instrument :
BNA_F
ClientSampleId :

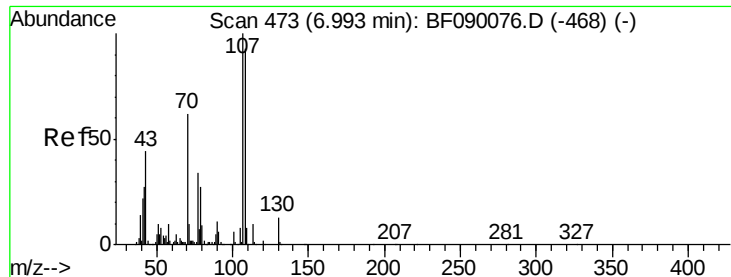
Tgt Ion:107 Resp: 1216135
Ion Ratio Lower Upper
107 100
108 111.4 92.0 138.0
77 71.5 35.6 53.4#
79 64.3 35.2 52.8#



#18
Hexachloroethane
Concen: 35.94 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090127.D
Acq: 19 Sep 2016 18:40

Tgt Ion:117 Resp: 551616
Ion Ratio Lower Upper
117 100
119 97.2 76.6 115.0
201 72.4 55.5 83.3

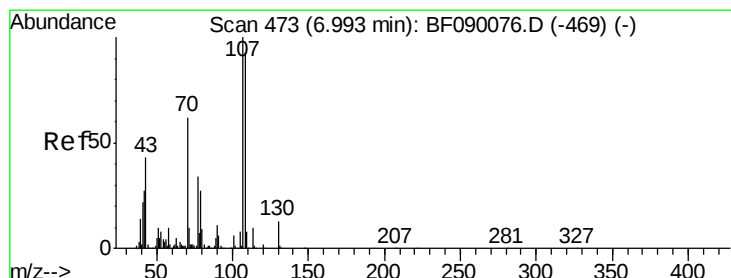
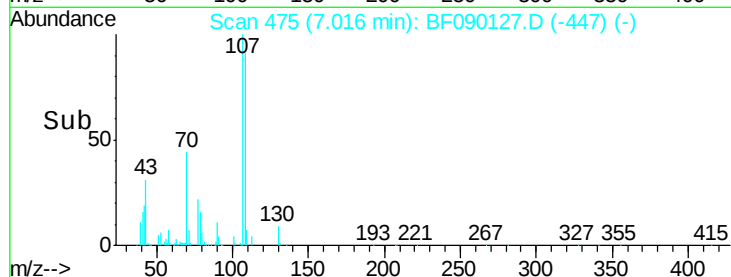
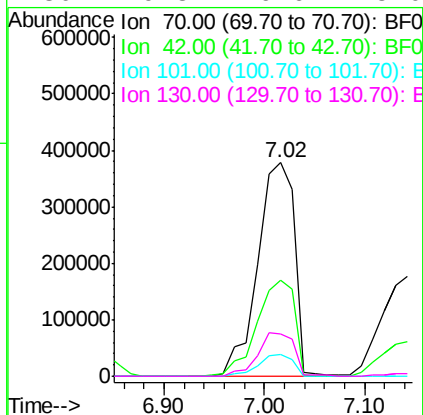
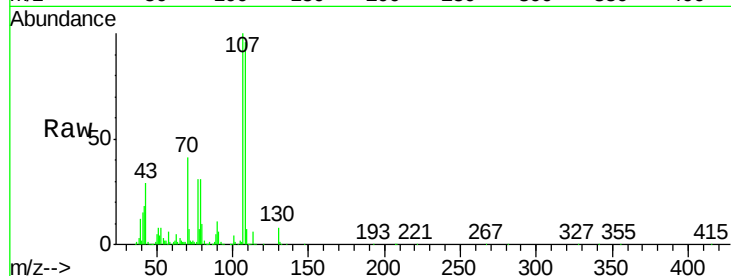




#19
n-Nitroso-di-n-propylamine
Concen: 34.02 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.02 min
Lab File: BF090127.D
Acq: 19 Sep 2016 18:40

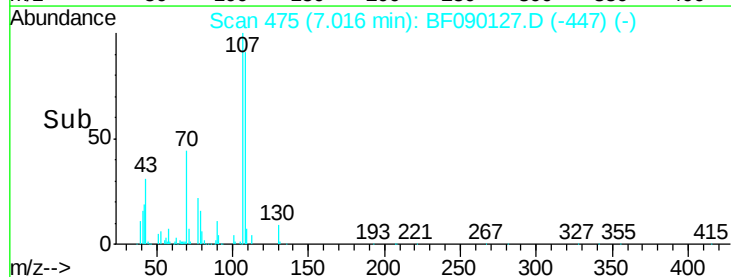
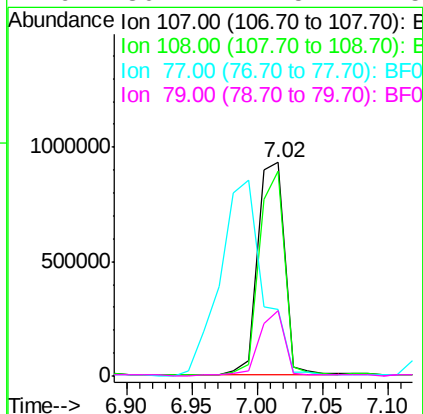
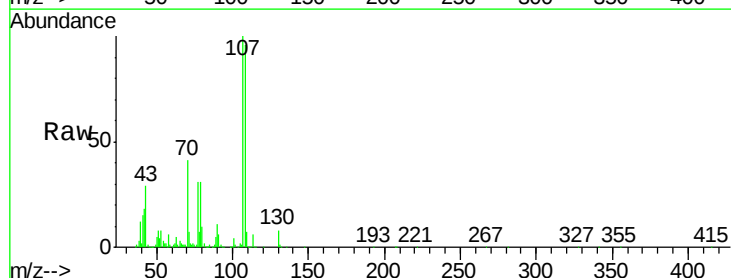
Instrument :
BNA_F
ClientSampleId :

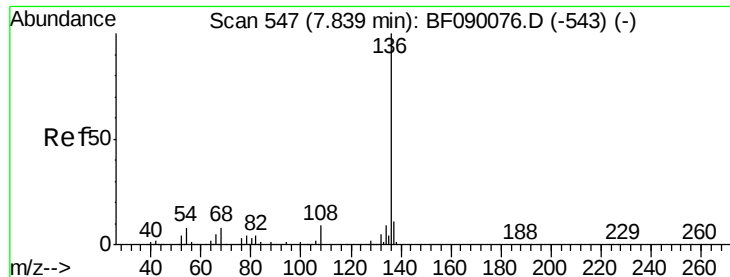
Tgt Ion:	70	Resp:	956891
Ion	Ratio	Lower	Upper
70	100		
42	45.0	35.1	52.7
101	10.1	7.5	11.3
130	19.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.36 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.02 min
Lab File: BF090127.D
Acq: 19 Sep 2016 18:40

Tgt Ion:	107	Resp:	1358918
Ion	Ratio	Lower	Upper
107	100		
108	95.6	73.3	113.3
77	31.0	14.1	54.1
79	30.7	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 2061610

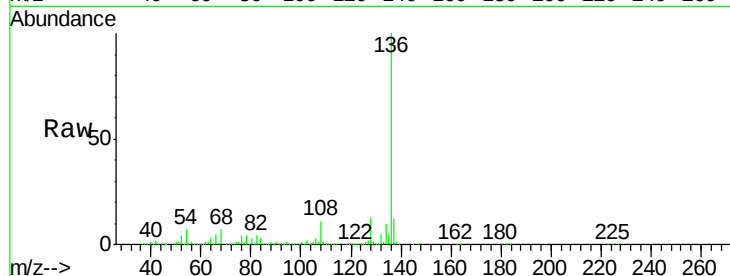
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 6.9 6.4 9.6

68 6.7 6.3 9.5

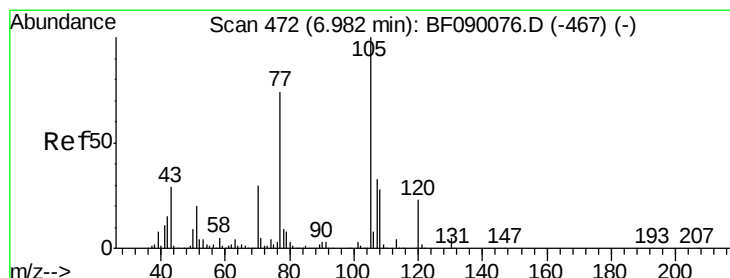
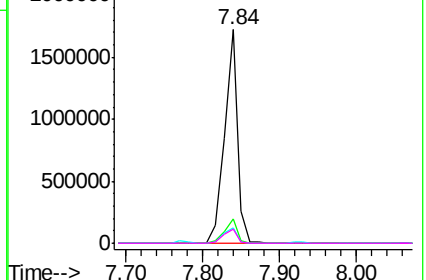
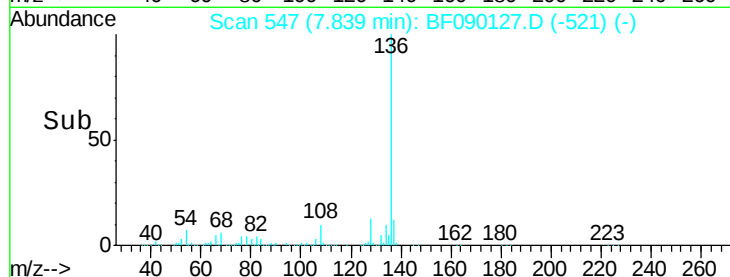


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.45 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.01 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Tgt Ion:105 Resp: 2168139

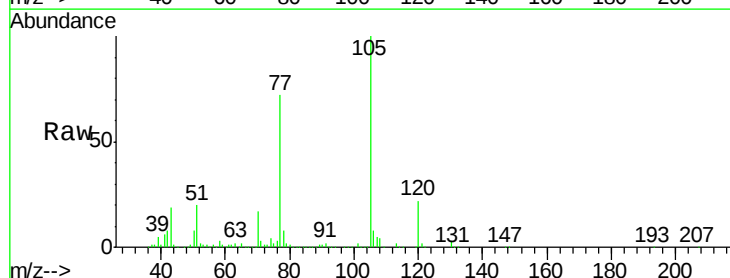
Ion Ratio Lower Upper

105 100

71 3.0 4.1 6.1#

51 19.9 16.2 24.2

120 22.1 18.2 27.2

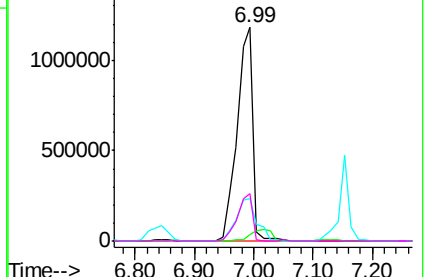
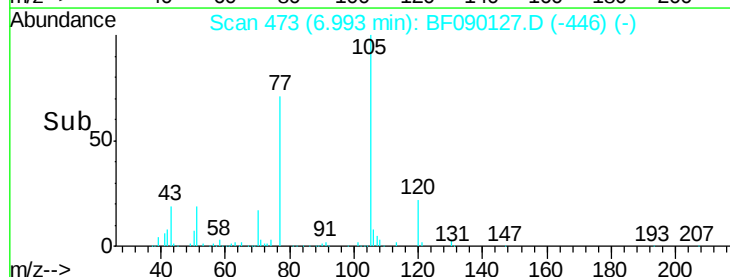


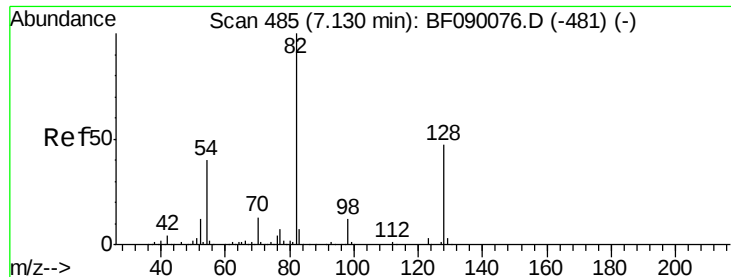
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

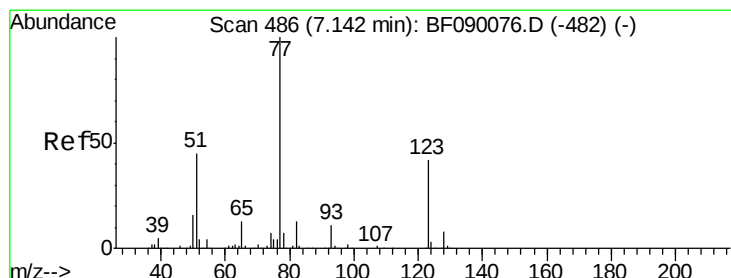
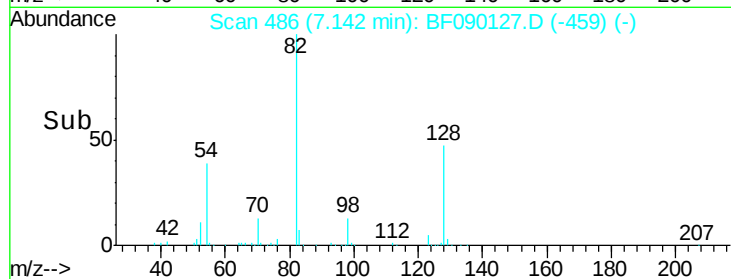
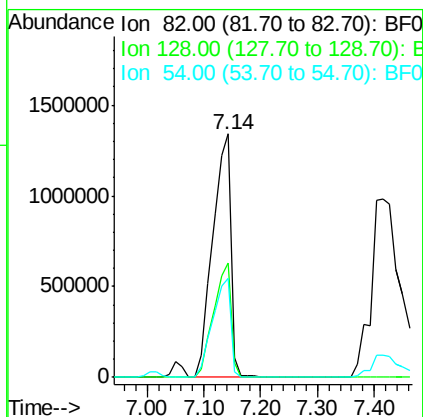
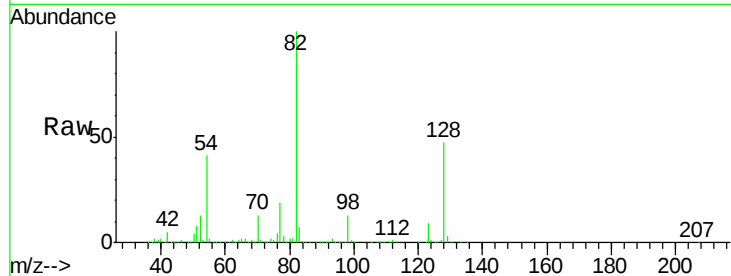




#23
 Nitrobenzene-d5
 Concen: 80.01 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

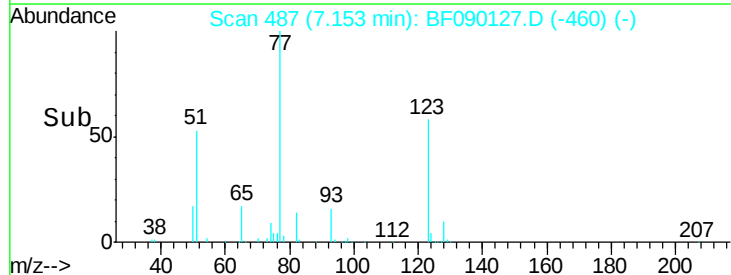
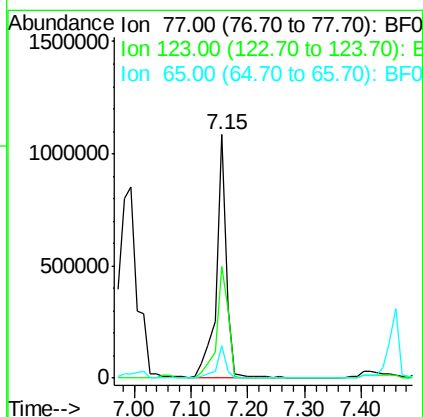
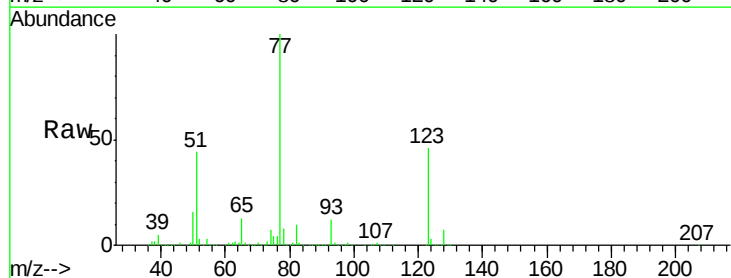
Instrument :
 BNA_F
 ClientSampleId :

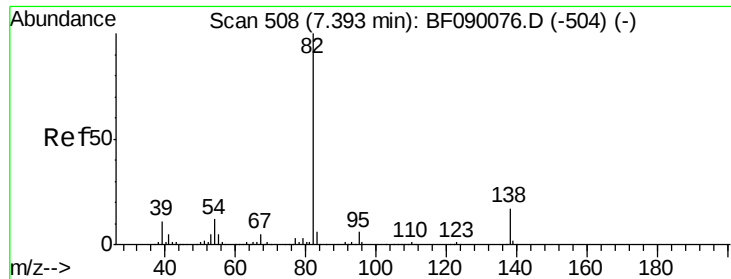
Tgt Ion: 82 Resp: 2933542
 Ion Ratio Lower Upper
 82 100
 128 46.9 37.5 56.3
 54 40.6 31.9 47.9



#24
 Nitrobenzene
 Concen: 33.89 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

Tgt Ion: 77 Resp: 1308855
 Ion Ratio Lower Upper
 77 100
 123 45.7 33.4 50.2
 65 13.1 10.1 15.1





#25

Isophorone

Concen: 45.25 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.02 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

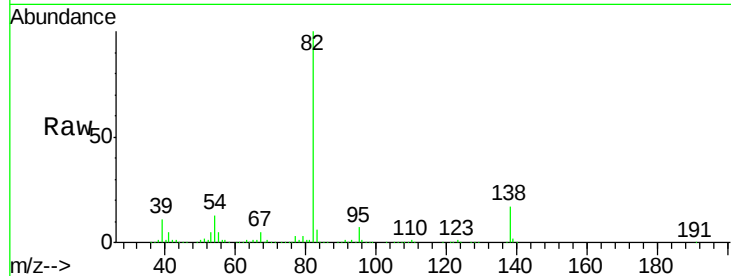
Tgt Ion: 82 Resp: 3474155

Ion Ratio Lower Upper

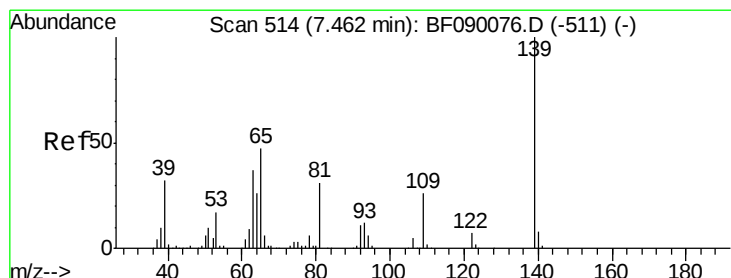
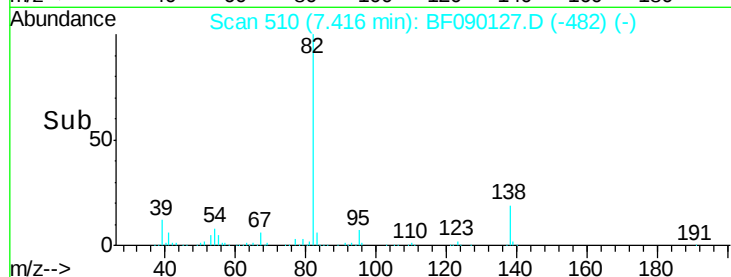
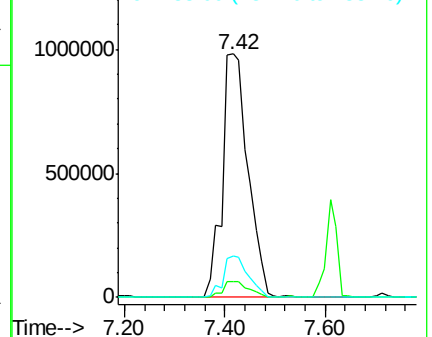
82 100

95 6.5 5.1 7.7

138 17.0 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.93 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

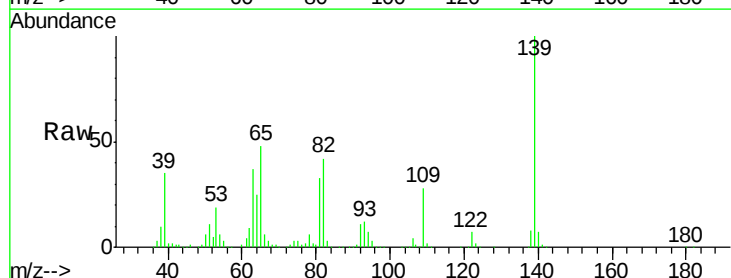
Tgt Ion: 139 Resp: 804012

Ion Ratio Lower Upper

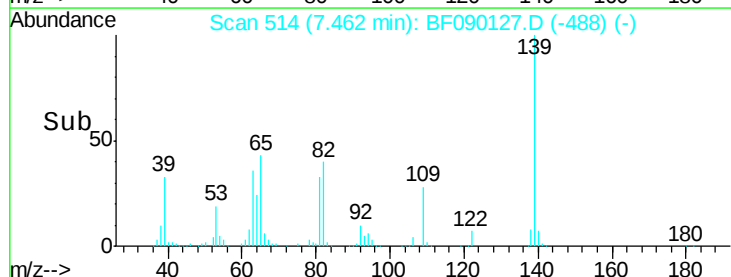
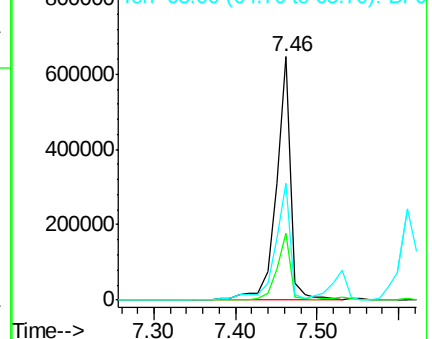
139 100

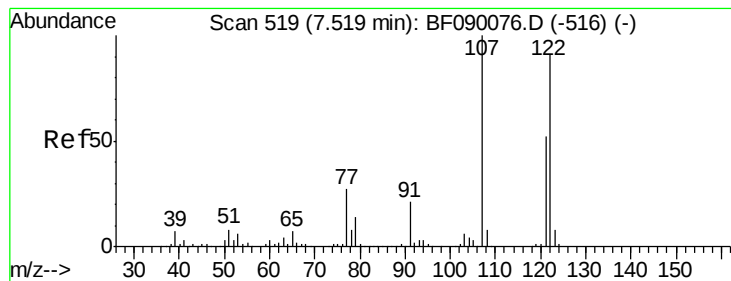
109 27.6 20.5 30.7

65 48.0 37.9 56.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.11 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

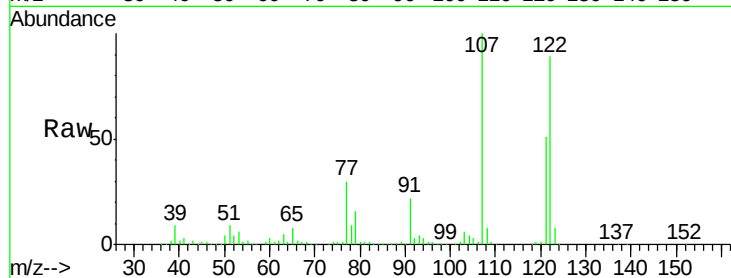
Tgt Ion:122 Resp: 1255680

Ion Ratio Lower Upper

122 100

107 112.9 87.8 131.6

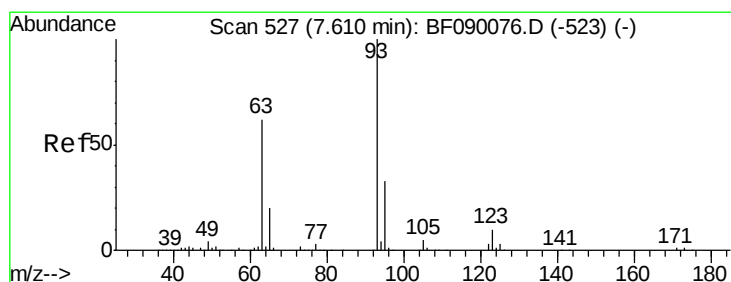
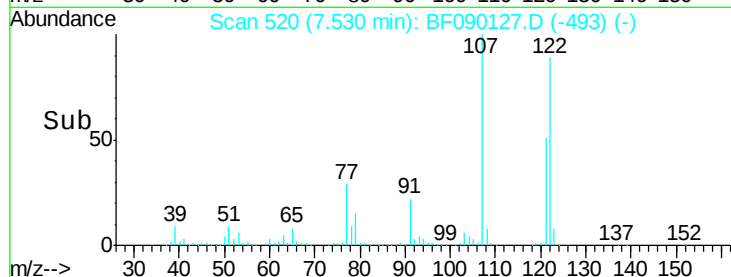
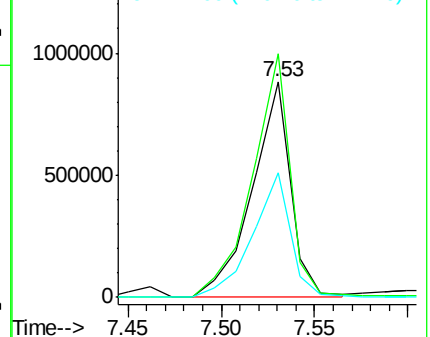
121 57.5 45.7 68.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.57 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

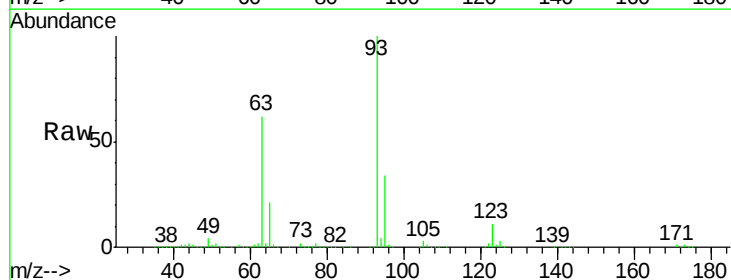
Tgt Ion: 93 Resp: 1782054

Ion Ratio Lower Upper

93 100

95 33.9 26.8 40.2

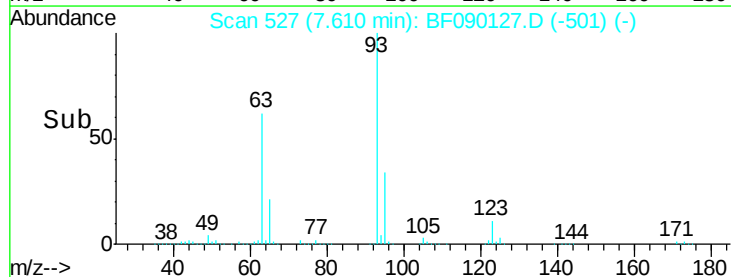
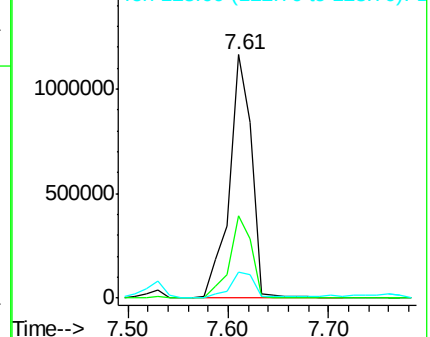
123 10.7 8.5 12.7

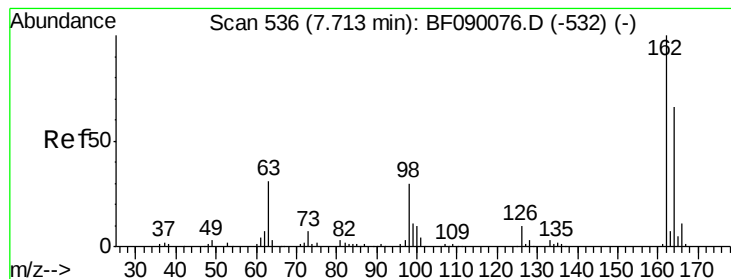


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 36.18 ng

RT: 7.71 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

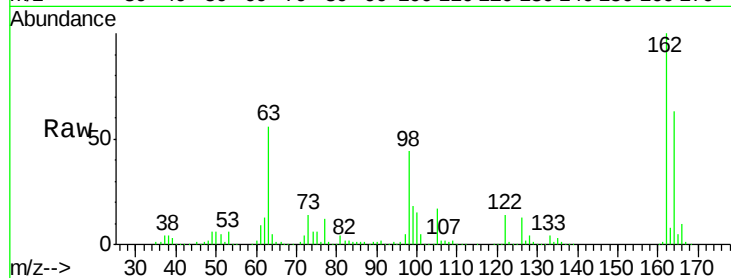
Tgt Ion:162 Resp: 1052971

Ion Ratio Lower Upper

162 100

164 63.3 46.2 86.2

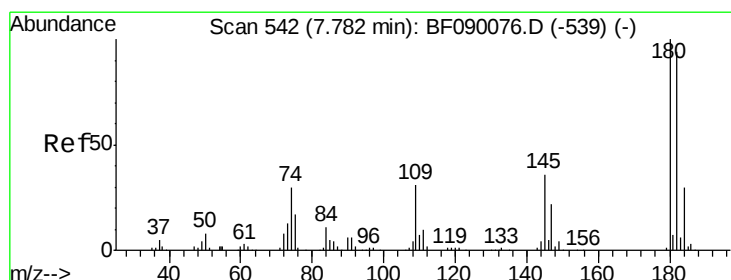
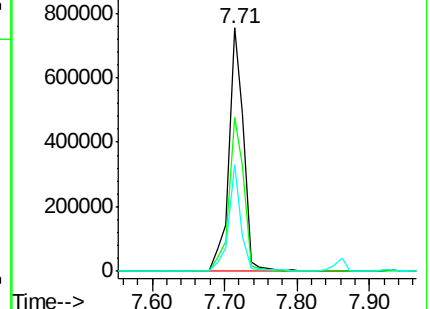
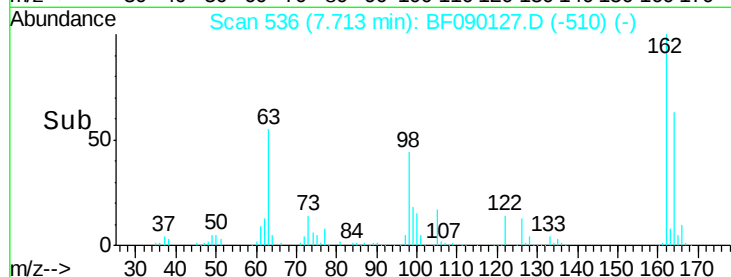
98 43.7 10.4 50.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 35.54 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

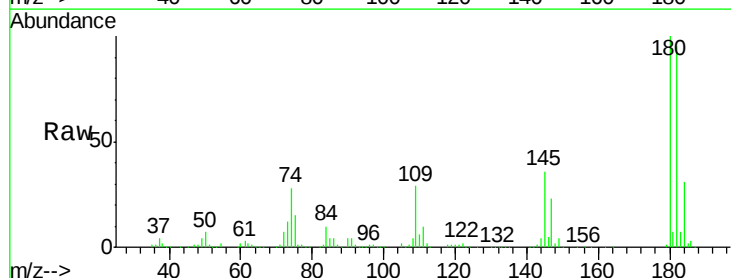
Tgt Ion:180 Resp: 1020542

Ion Ratio Lower Upper

180 100

182 94.5 75.0 112.6

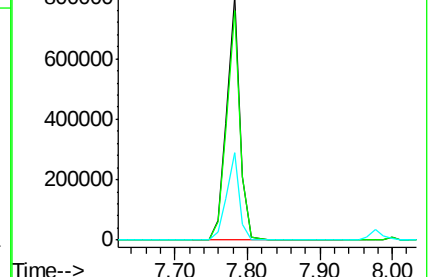
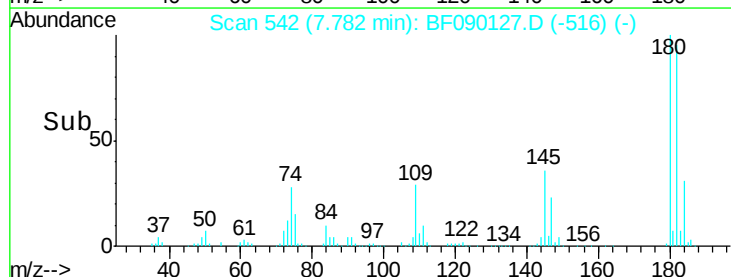
145 35.7 28.6 42.8

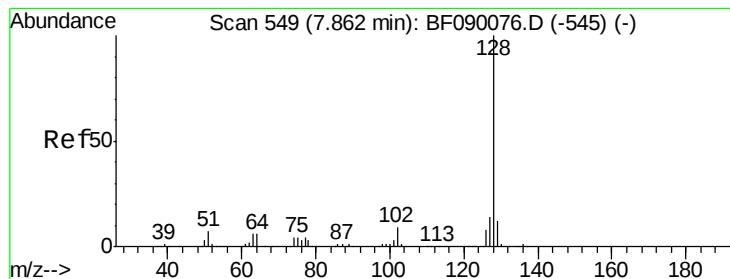


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 29.60 ng

RT: 7.86 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

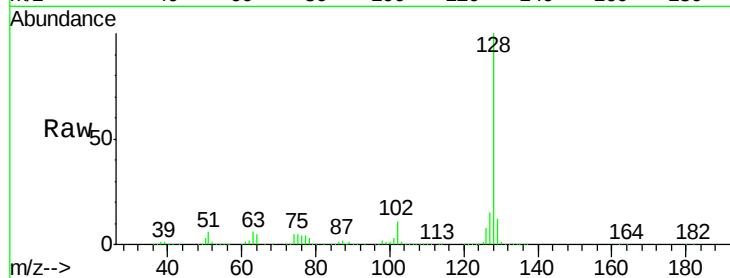
Tgt Ion:128 Resp: 2999492

Ion Ratio Lower Upper

128 100

129 12.4 9.3 13.9

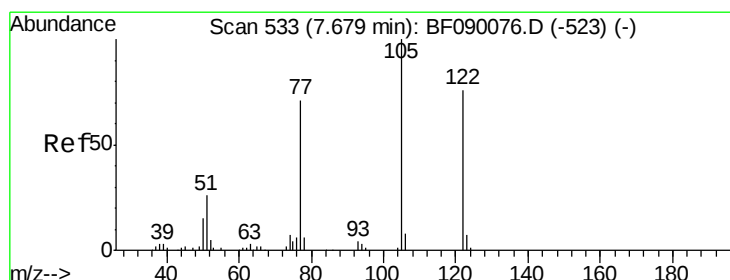
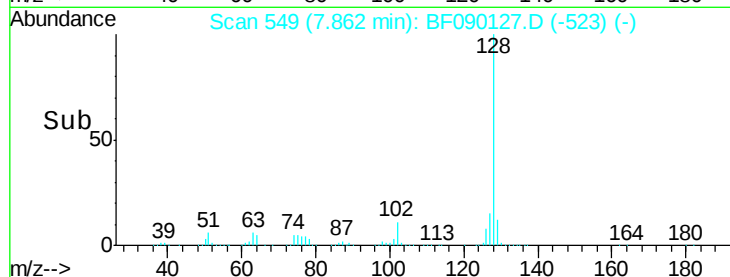
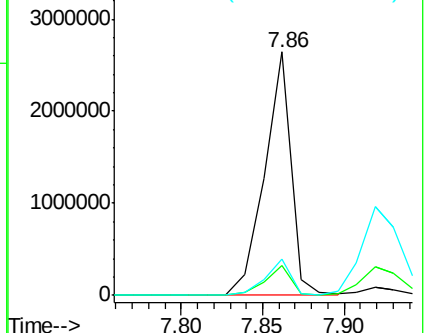
127 14.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.96 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.08 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

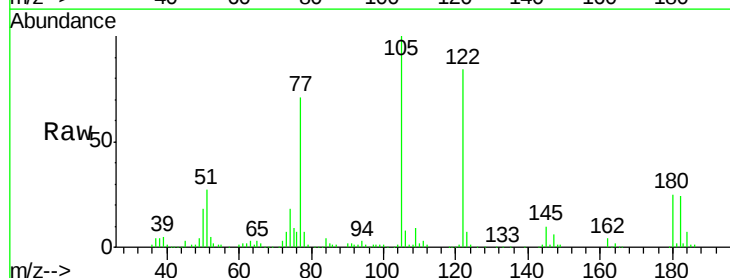
Tgt Ion:122 Resp: 1220184

Ion Ratio Lower Upper

122 100

105 119.4 105.0 145.0

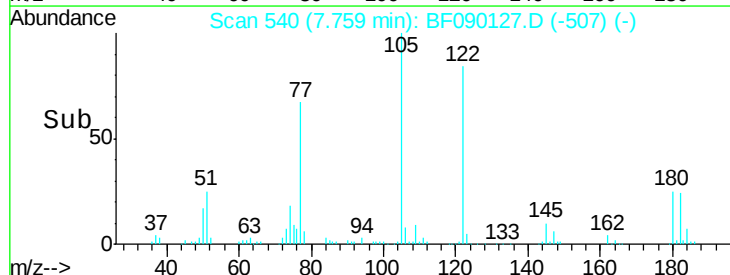
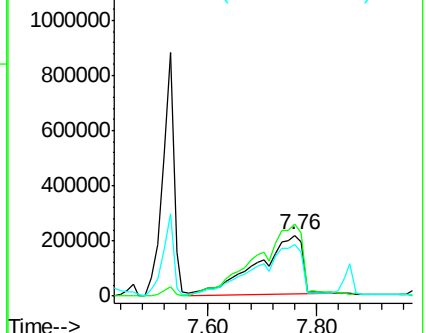
77 84.4 70.4 110.4

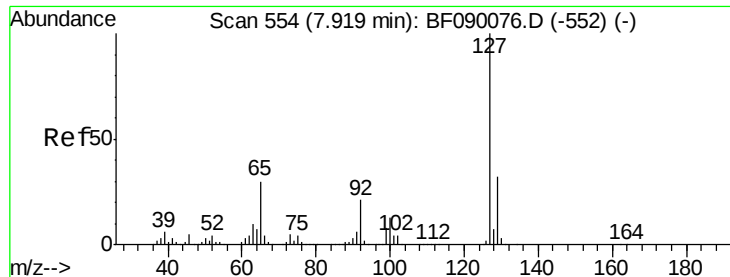


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

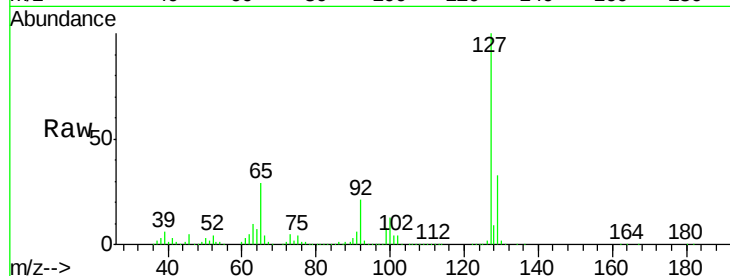




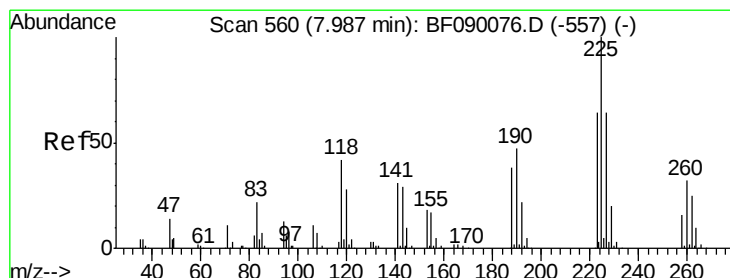
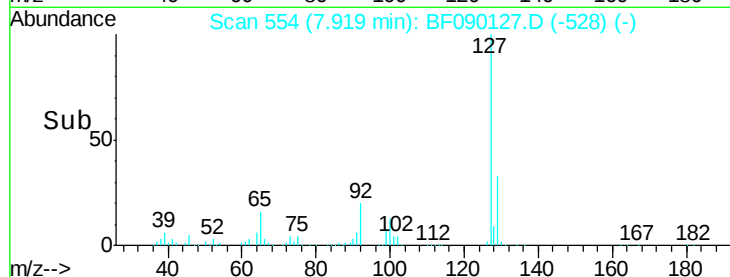
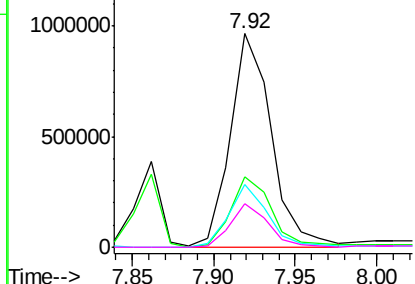
#33
4-Chloroaniline
Concen: 38.75 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF090127.D
Acq: 19 Sep 2016 18:40

Instrument :
BNA_F
ClientSampled :

Tgt Ion:	127	Resp:	1671366
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.6
65	29.3	24.1	36.1
92	20.7	16.3	24.5

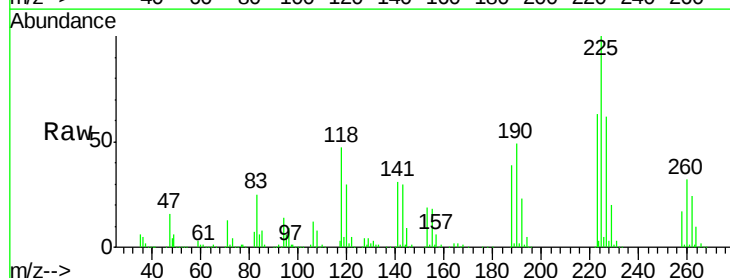


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

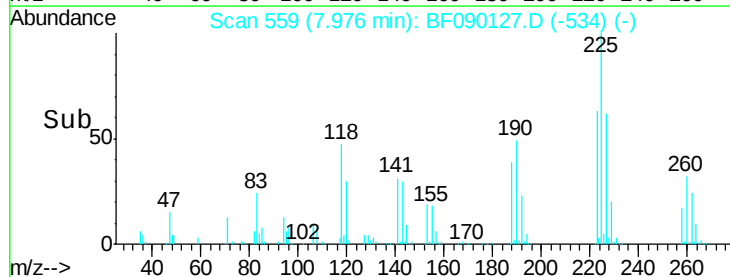
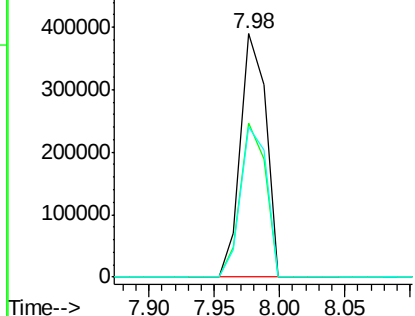


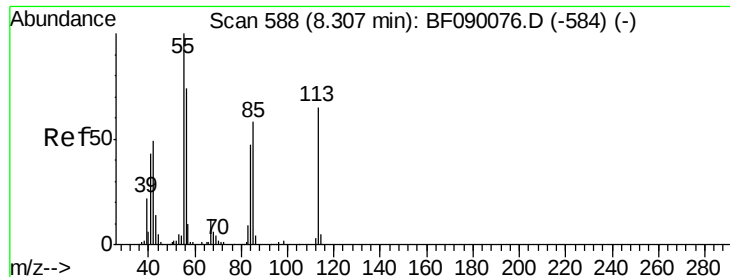
#34
Hexachlorobutadiene
Concen: 35.94 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF090127.D
Acq: 19 Sep 2016 18:40

Tgt Ion:	225	Resp:	528379
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.3	76.9
227	61.9	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

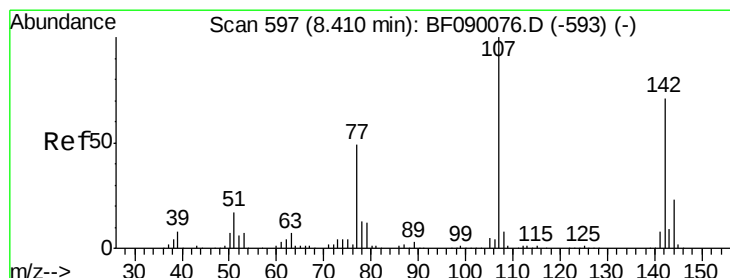
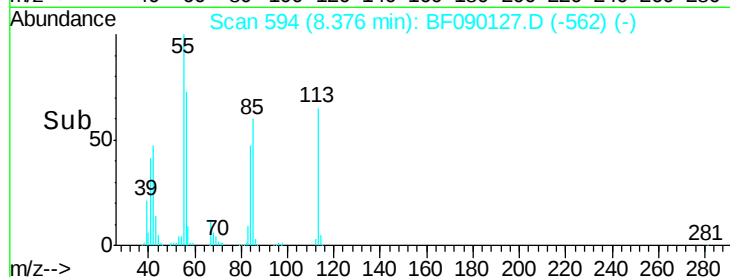
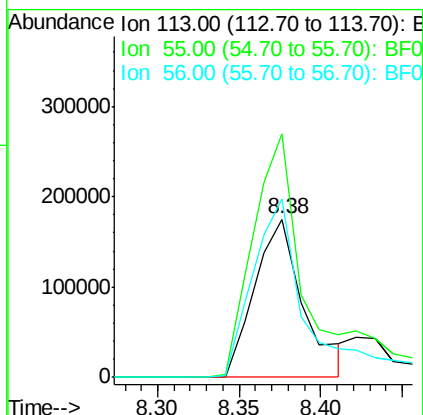
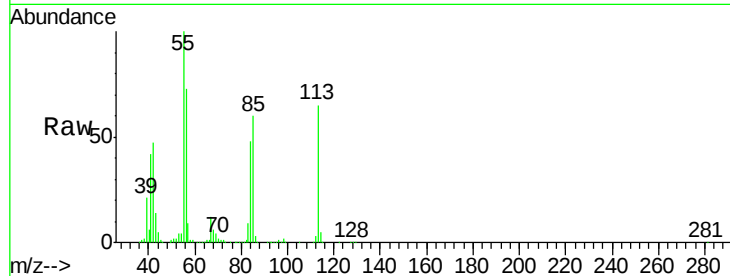




#35
 Caprolactam
 Concen: 37.37 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.07 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

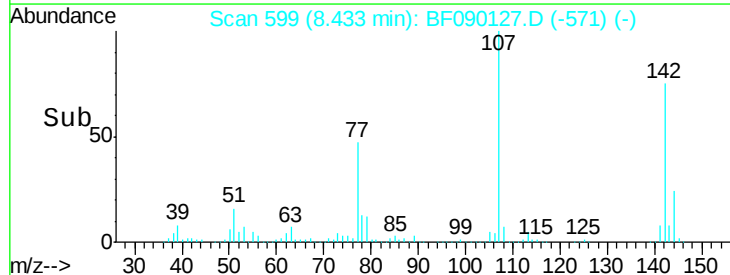
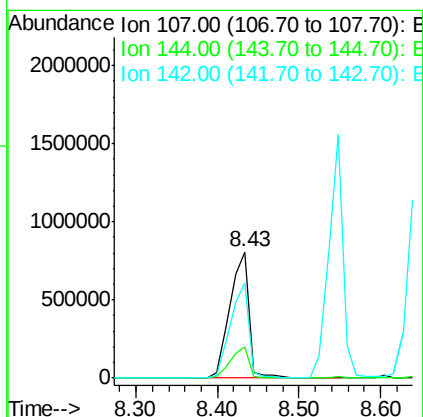
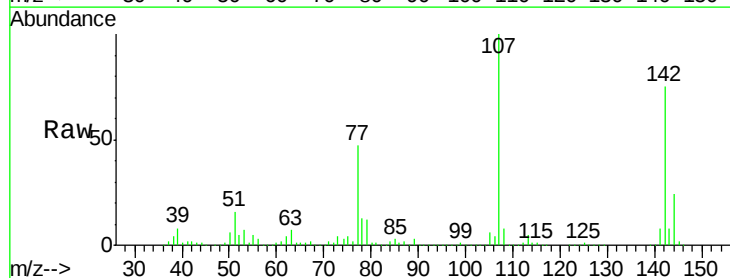
Instrument :
 BNA_F
 ClientSampleId :

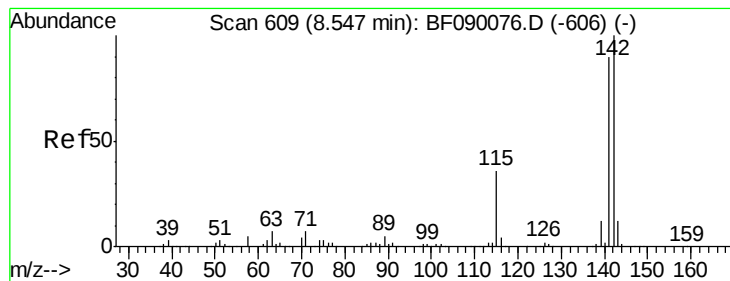
Tgt Ion:113 Resp: 363199
 Ion Ratio Lower Upper
 113 100
 55 154.2 134.5 174.5
 56 113.1 93.7 133.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.00 ng
 RT: 8.43 min Scan# 599
 Delta R.T. 0.02 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

Tgt Ion:107 Resp: 1317719
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.6 27.8
 142 75.2 57.0 85.6





#37

2-Methylnaphthalene

Concen: 30.44 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

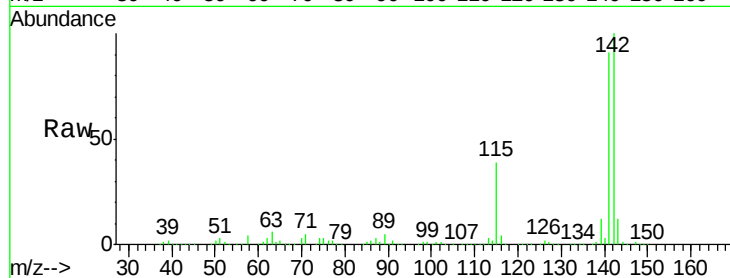
Tgt Ion:142 Resp: 1912935

Ion Ratio Lower Upper

142 100

141 90.7 71.4 107.2

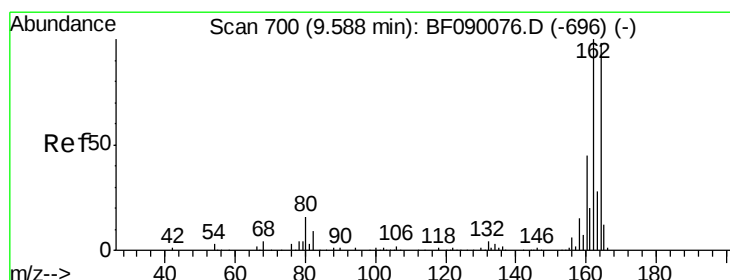
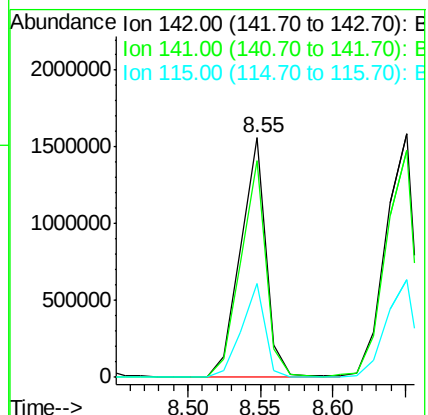
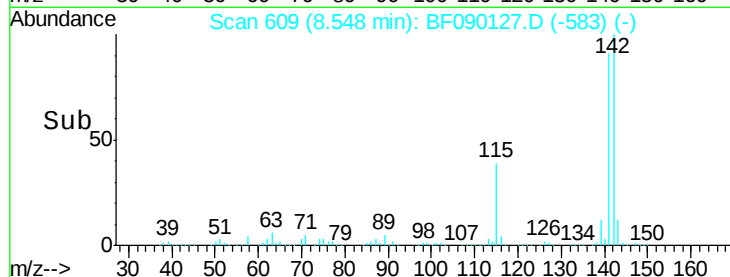
115 39.2 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

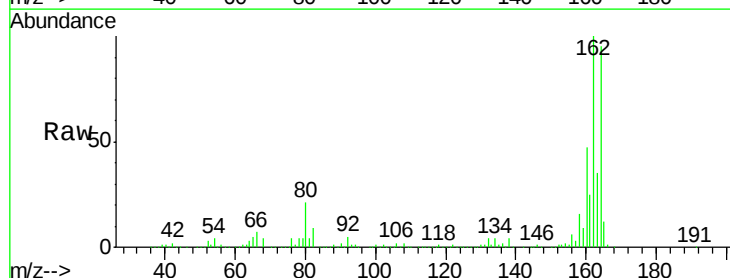
Tgt Ion:164 Resp: 921770

Ion Ratio Lower Upper

164 100

162 104.8 81.4 122.2

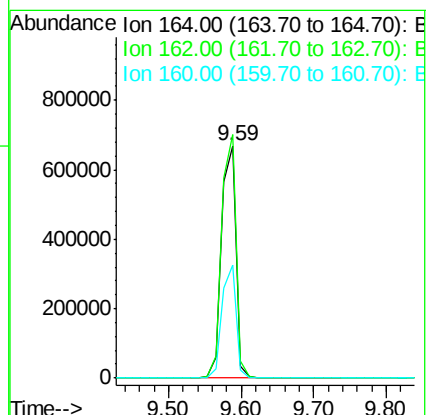
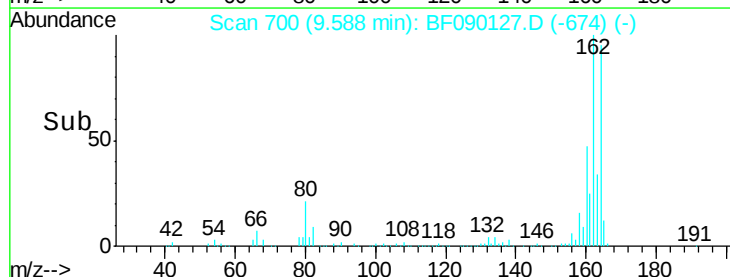
160 48.9 36.6 54.8

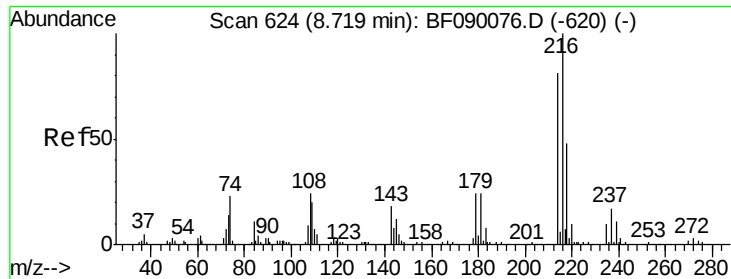


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

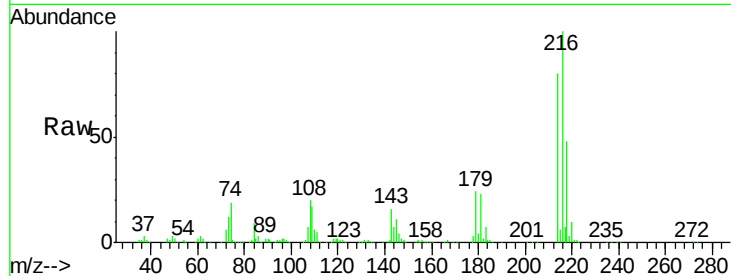




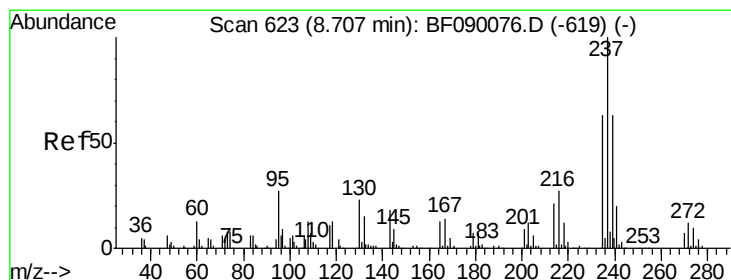
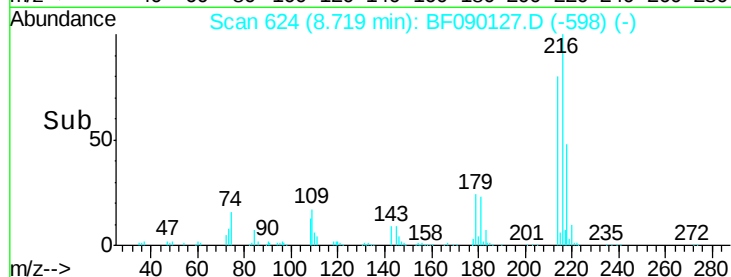
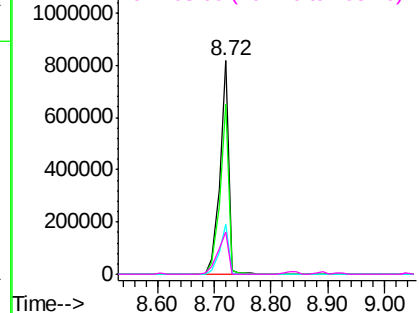
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.88 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	216	Resp:	850508
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.7	95.5
179	24.2	18.5	27.7
108	24.2	19.5	29.3

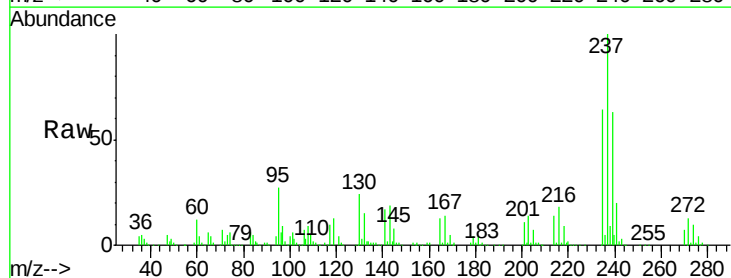


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

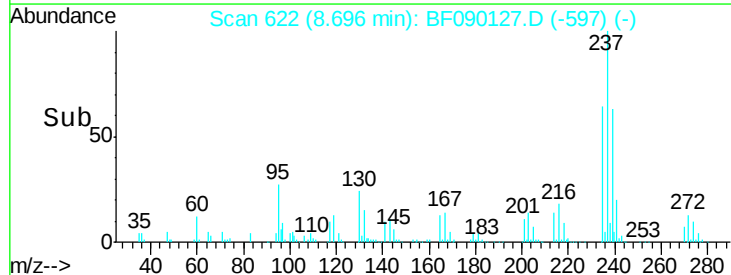
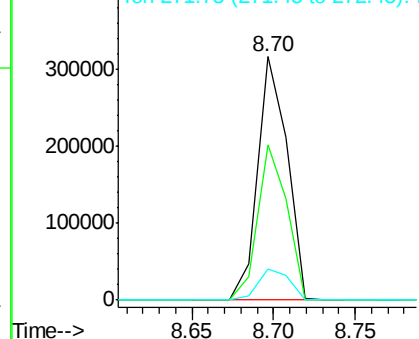


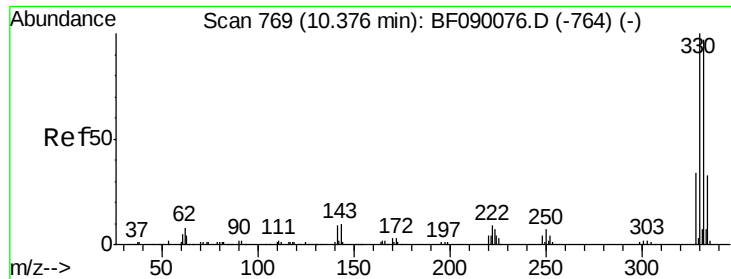
#40
 Hexachlorocyclopentadiene
 Concen: 32.23 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

Tgt Ion:	237	Resp:	396949
Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.5	82.5
272	12.7	0.0	32.0



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

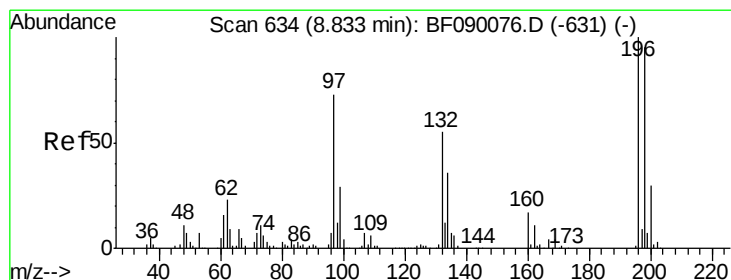
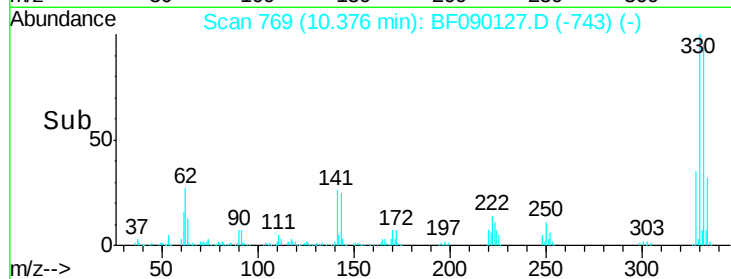
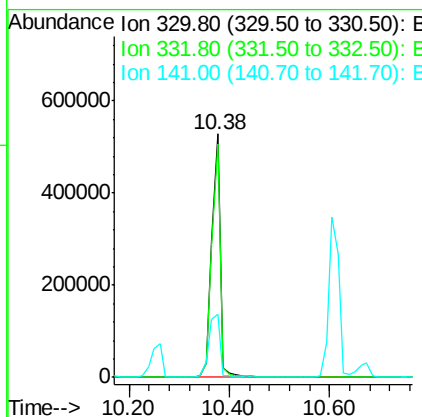
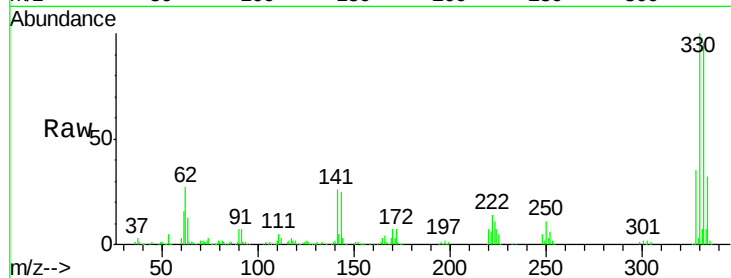




#41
 2,4,6-Tribromophenol
 Concen: 68.11 ng
 RT: 10.38 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

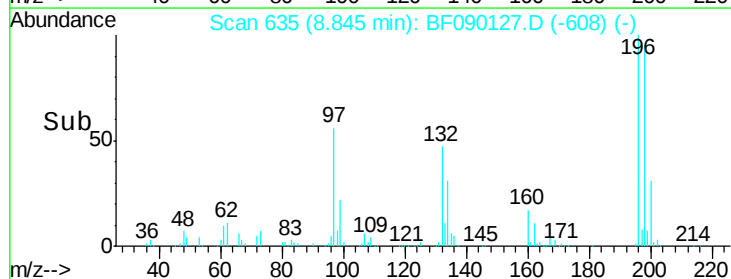
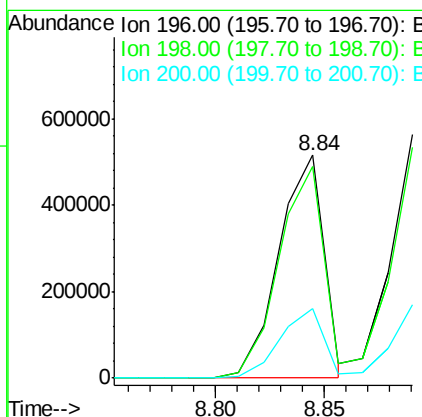
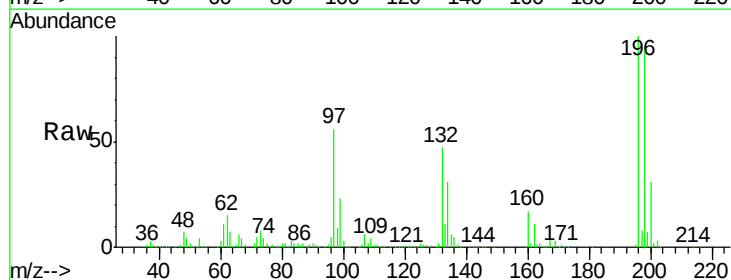
Instrument :
 BNA_F
 ClientSampleId :

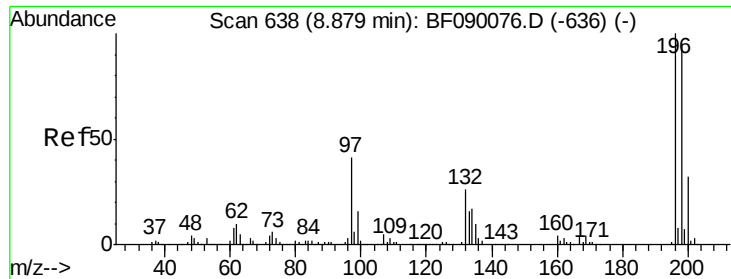
Tgt Ion:330 Resp: 630660
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.1 117.1
 141 33.2 23.9 35.9



#42
 2,4,6-Trichlorophenol
 Concen: 43.54 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

Tgt Ion:196 Resp: 747892
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.3 114.5
 200 31.1 24.1 36.1

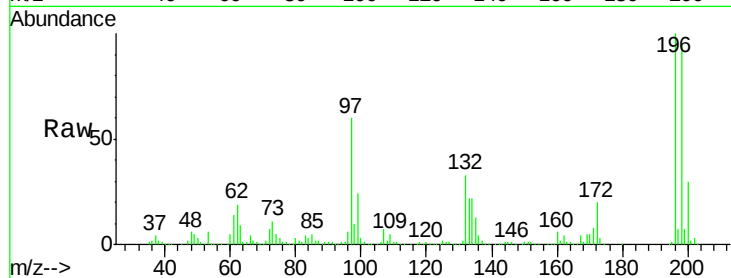




#43
 2,4,5-Trichlorophenol
 Concen: 34.43 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.6	114.8
97	59.7	34.4	51.6
132	33.3	22.2	33.2



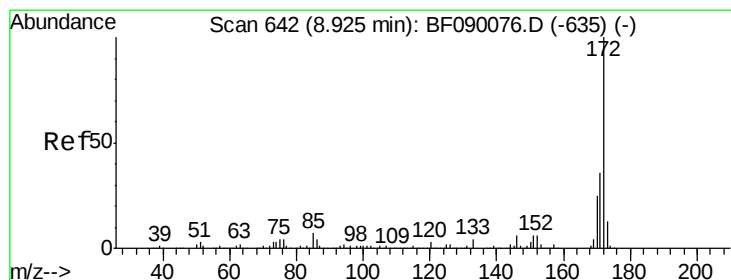
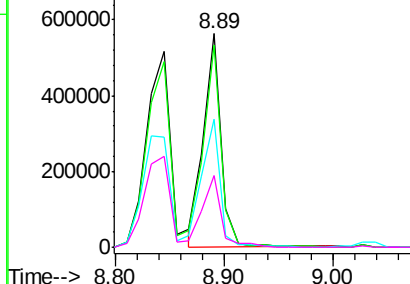
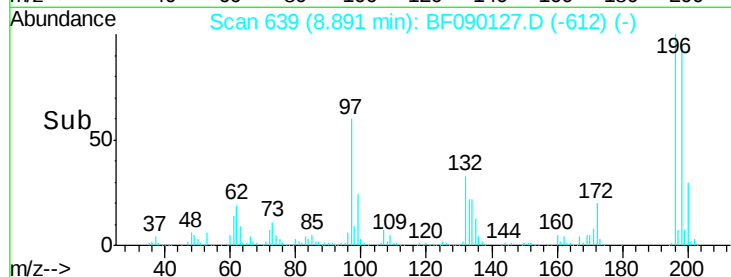
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

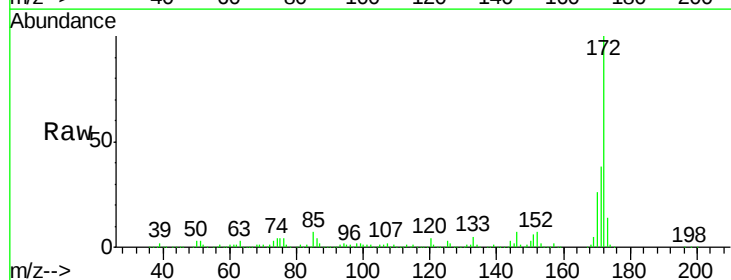
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 53.16 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.2	43.8
170	25.9	19.8	29.8

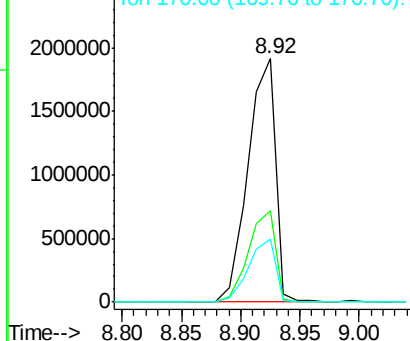
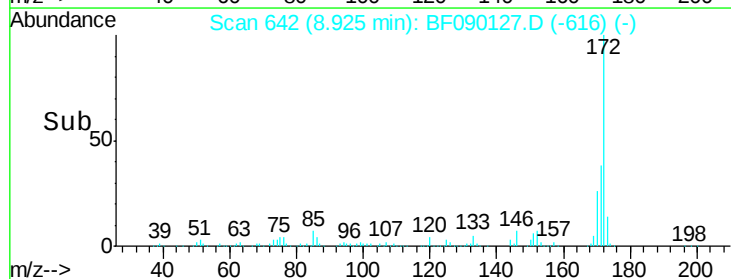


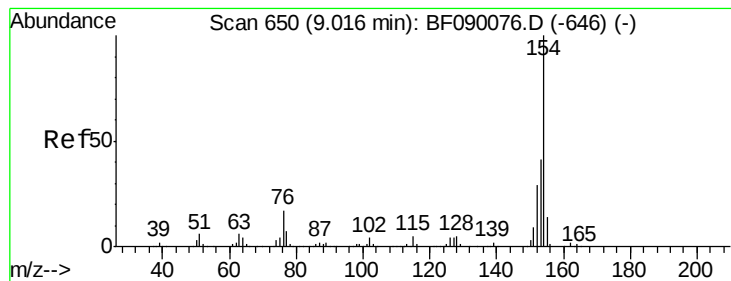
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 32.77 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.01 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

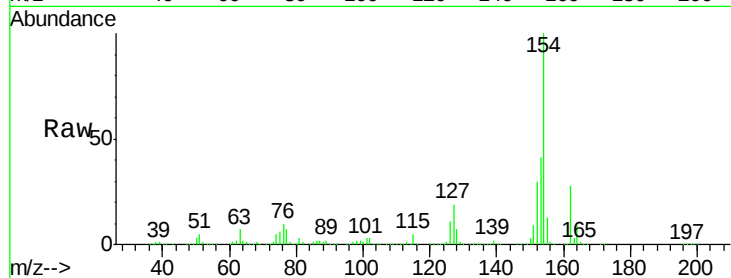
Tgt Ion:154 Resp: 2471718

Ion Ratio Lower Upper

154 100

153 41.3 20.6 60.6

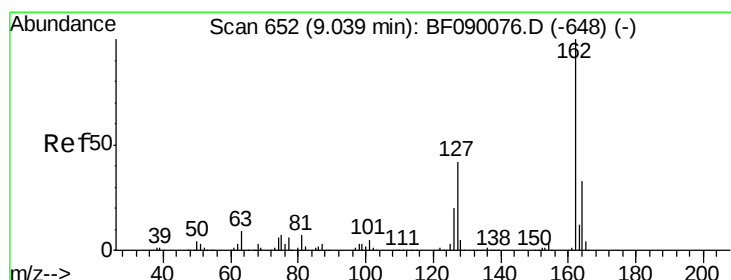
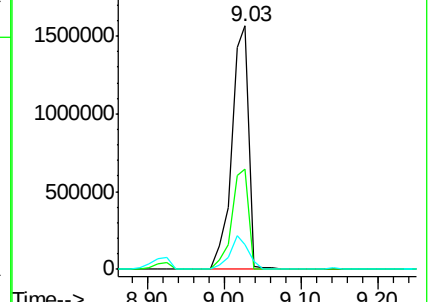
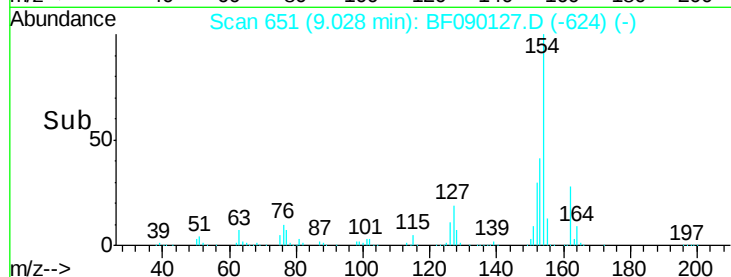
76 10.2 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 28.32 ng

RT: 9.04 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

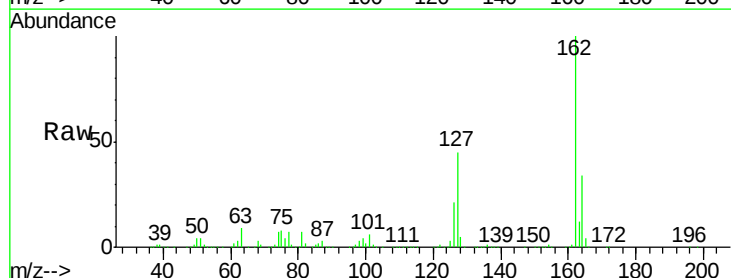
Tgt Ion:162 Resp: 1582823

Ion Ratio Lower Upper

162 100

127 45.2 34.0 51.0

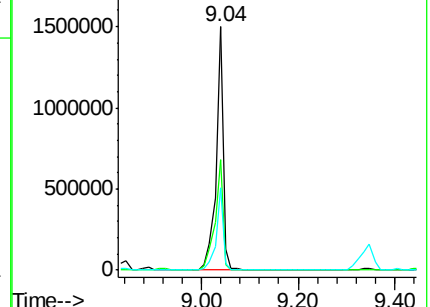
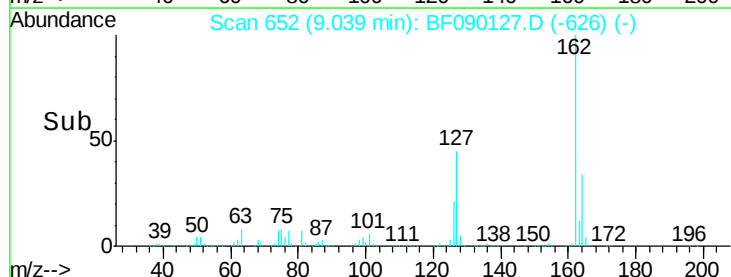
164 34.0 26.8 40.2

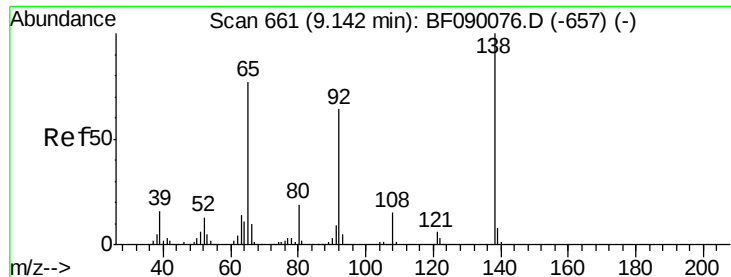


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

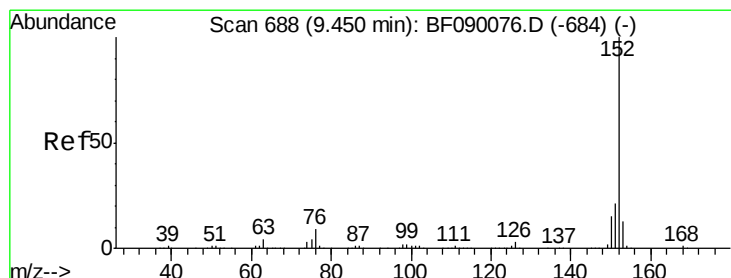
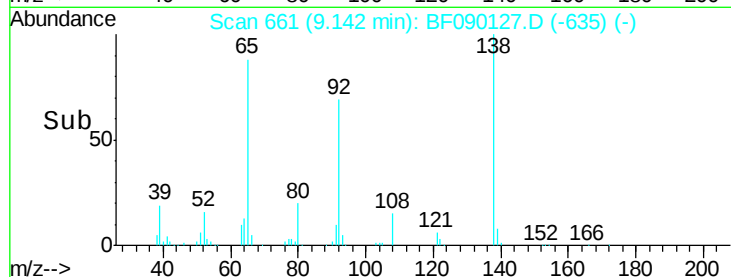
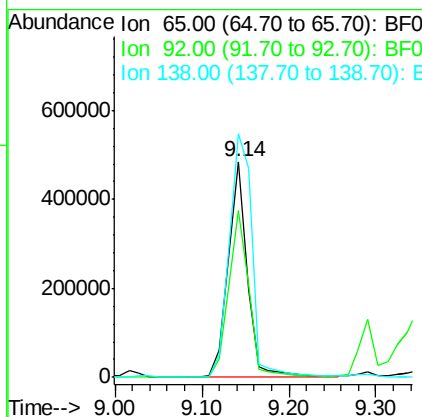
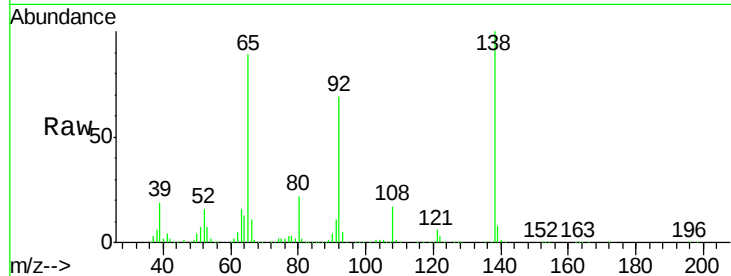




#47
 2-Nitroaniline
 Concen: 41.76 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

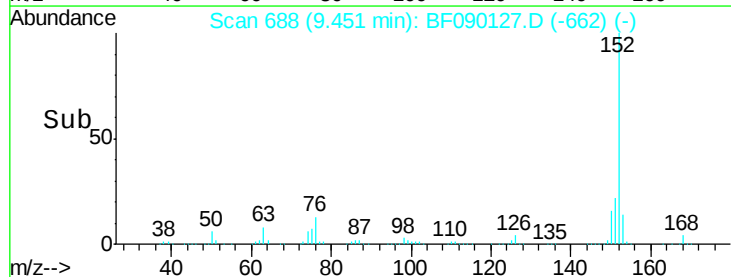
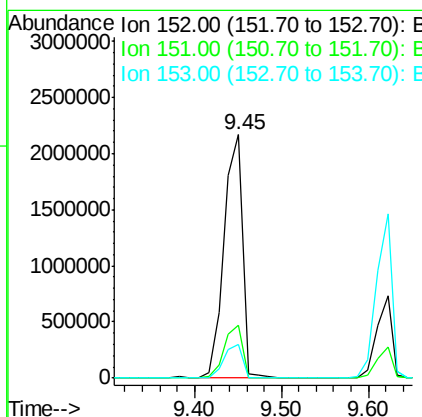
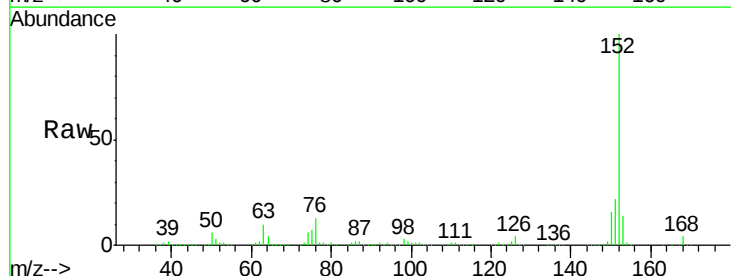
Instrument :
 BNA_F
 ClientSampleId :

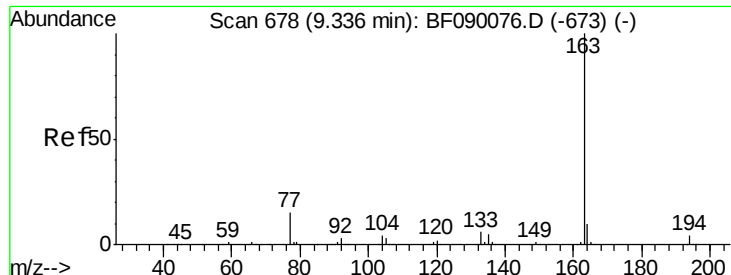
Tgt Ion: 65 Resp: 745080
 Ion Ratio Lower Upper
 65 100
 92 77.4 66.1 99.1
 138 112.7 104.1 156.1



#48
 Acenaphthylene
 Concen: 34.22 ng
 RT: 9.45 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

Tgt Ion: 152 Resp: 3212042
 Ion Ratio Lower Upper
 152 100
 151 21.7 16.5 24.7
 153 14.1 10.6 15.8





#49

Dimethylphthalate

Concen: 41.30 ng

RT: 9.35 min Scan# 679

Delta R.T. 0.01 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

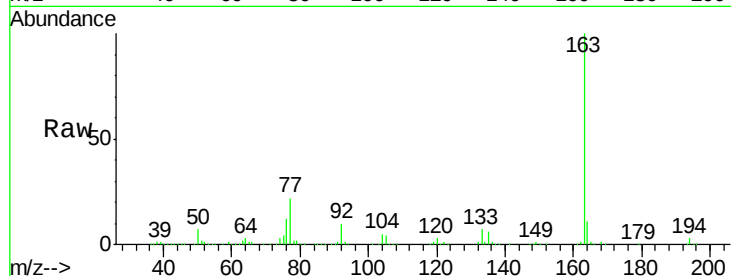
Tgt Ion:163 Resp: 2827366

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

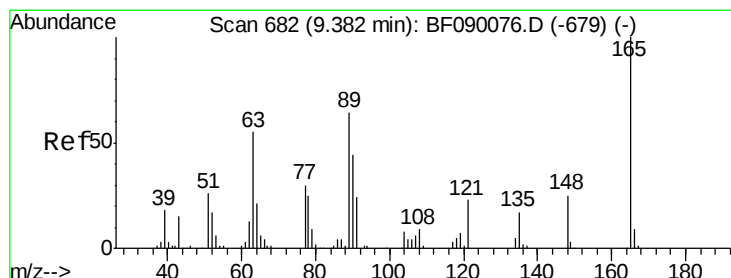
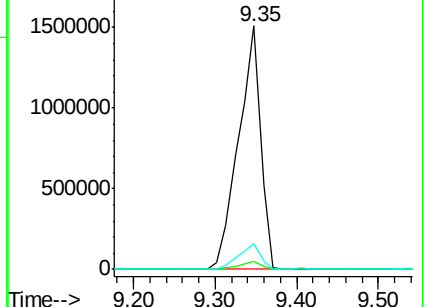
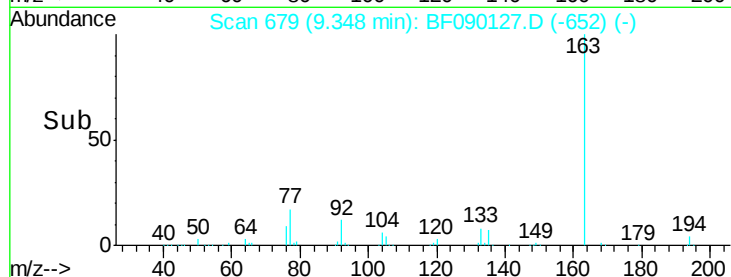
164 10.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.09 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.02 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

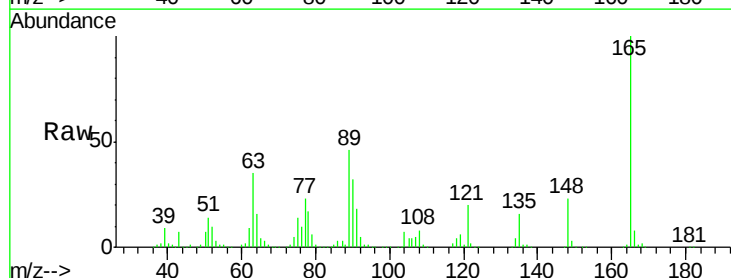
Tgt Ion:165 Resp: 720526

Ion Ratio Lower Upper

165 100

63 35.1 49.9 74.9#

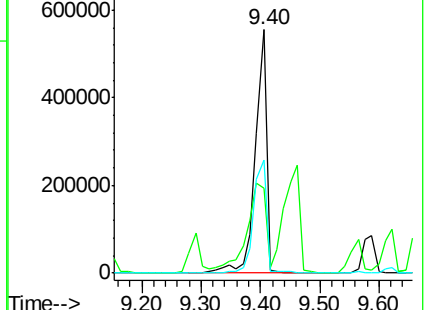
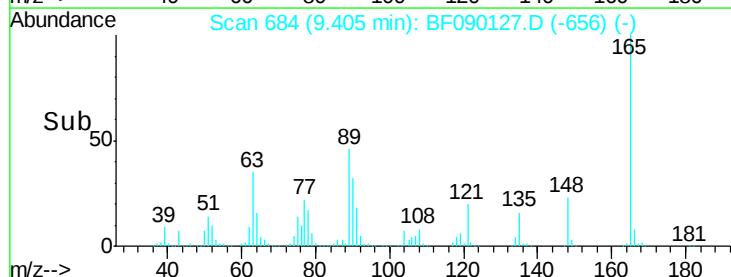
89 46.4 51.0 76.4#

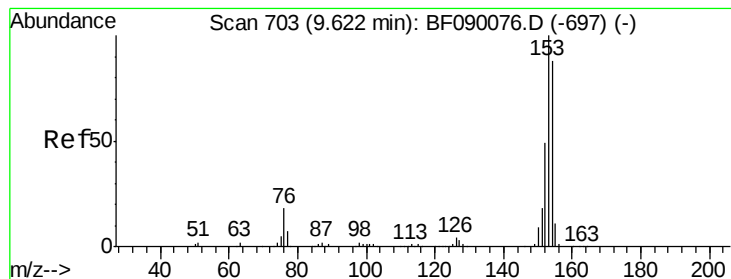


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 30.92 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

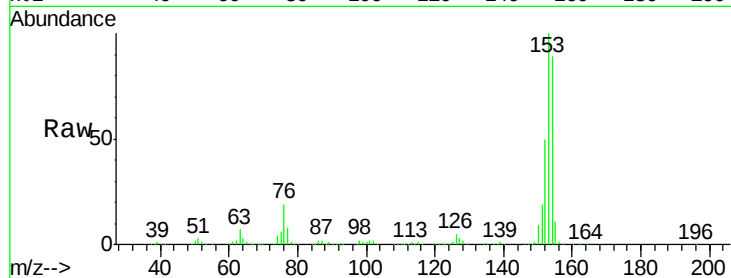
Tgt Ion:154 Resp: 1620901

Ion Ratio Lower Upper

154 100

153 112.8 90.8 136.2

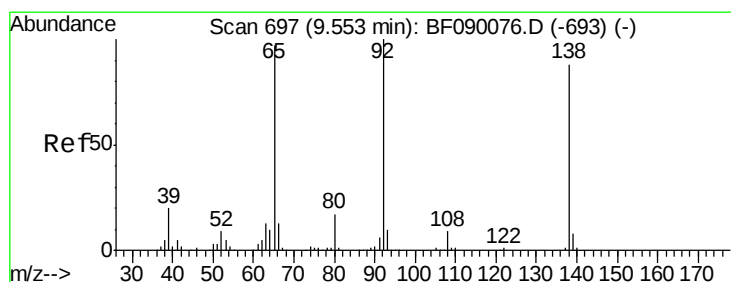
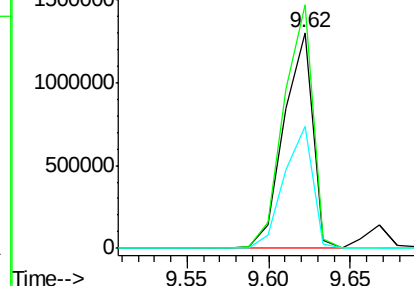
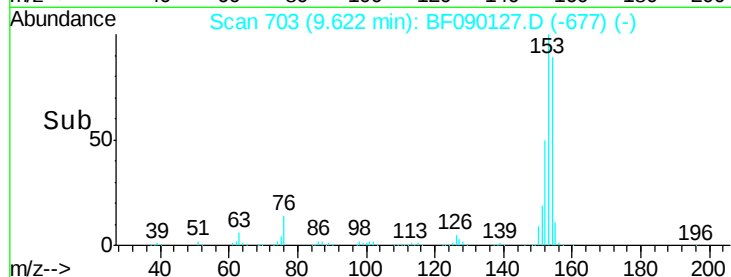
152 56.7 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.88 ng

RT: 9.56 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

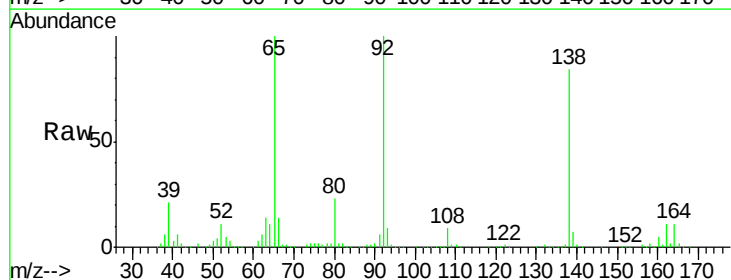
Tgt Ion:138 Resp: 686482

Ion Ratio Lower Upper

138 100

108 10.7 7.8 11.6

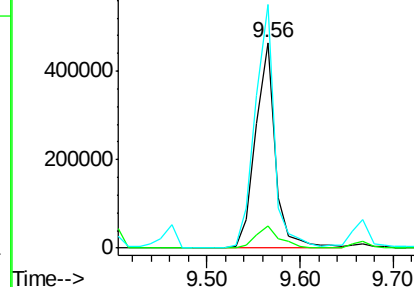
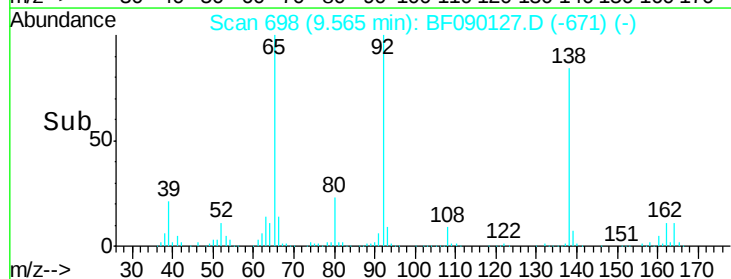
92 118.4 90.7 136.1

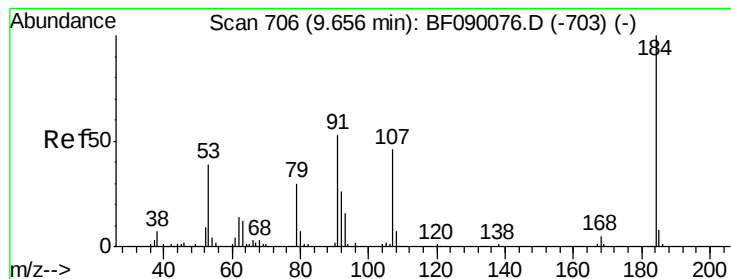


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 32.91 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

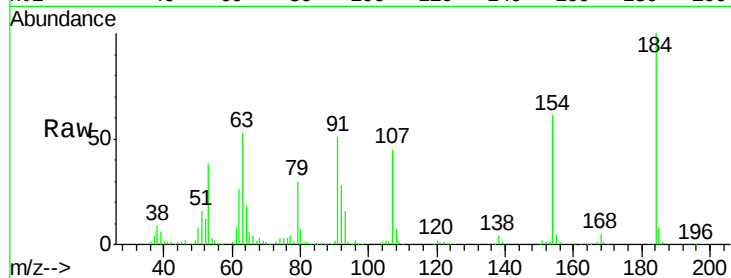
Tgt Ion:184 Resp: 273736

Ion Ratio Lower Upper

184 100

63 53.4 44.6 67.0

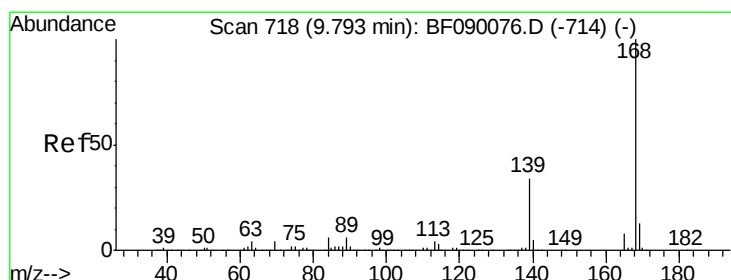
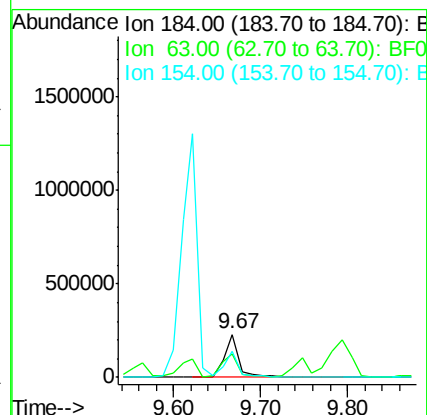
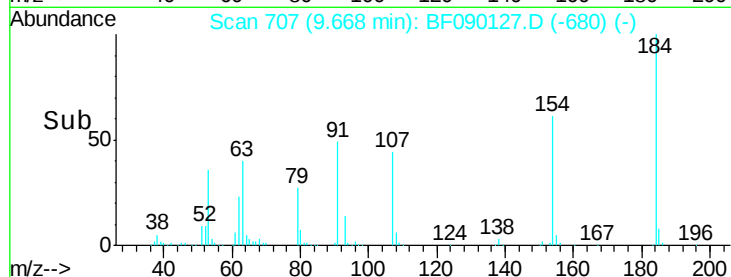
154 61.4 49.7 74.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 34.43 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

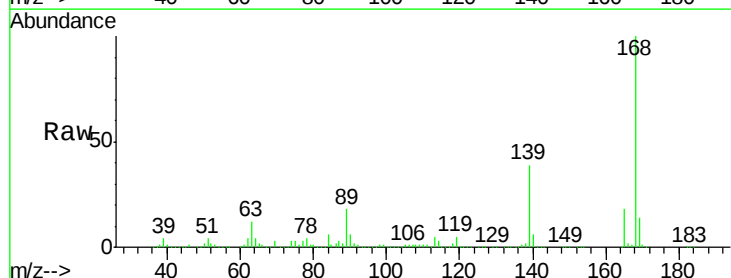
Tgt Ion:168 Resp: 2496108

Ion Ratio Lower Upper

168 100

139 39.1 28.8 43.2

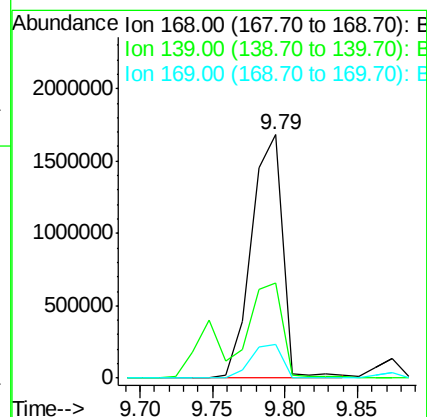
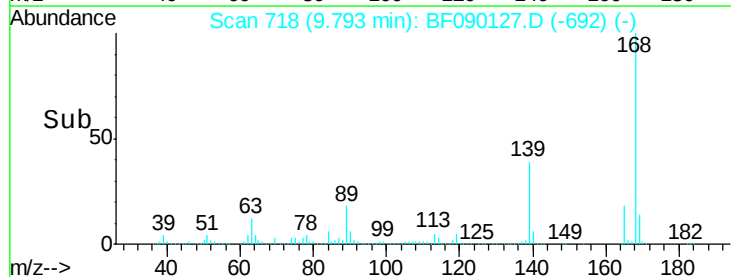
169 13.7 10.7 16.1

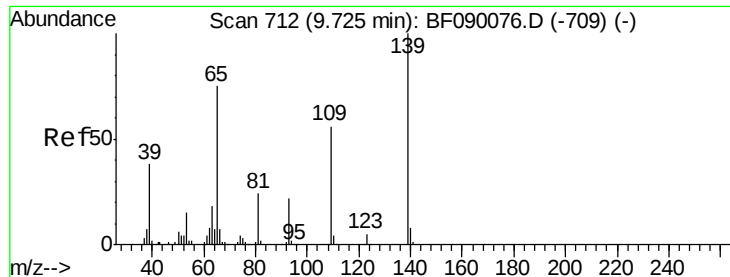


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 37.31 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.02 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

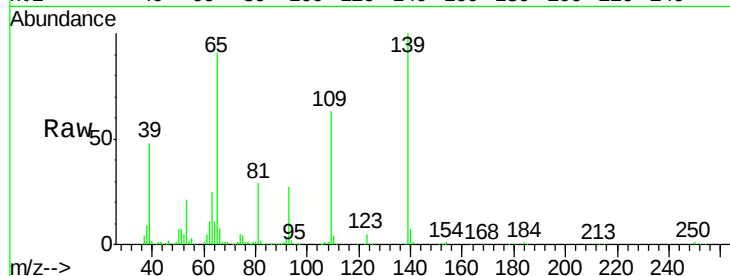
Tgt Ion:139 Resp: 488733

Ion Ratio Lower Upper

139 100

109 62.7 35.6 75.6

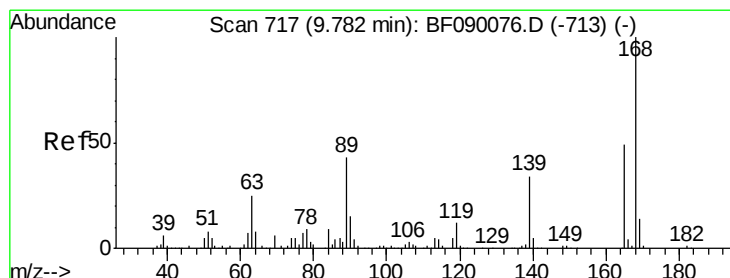
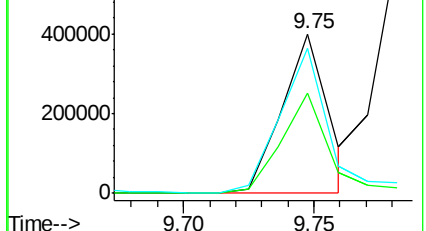
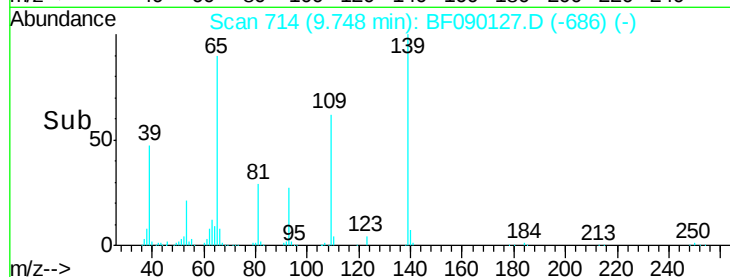
65 90.8 55.5 95.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.74 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.02 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Tgt Ion:165 Resp: 741242

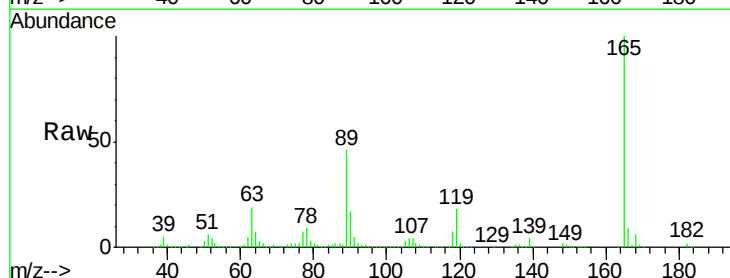
Ion Ratio Lower Upper

165 100

63 19.2 44.4 66.6#

89 45.9 70.1 105.1#

182 2.3 1.7 2.5

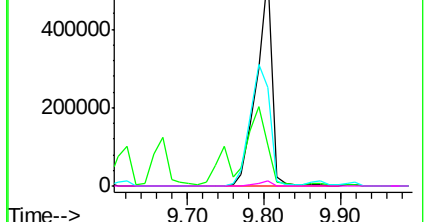
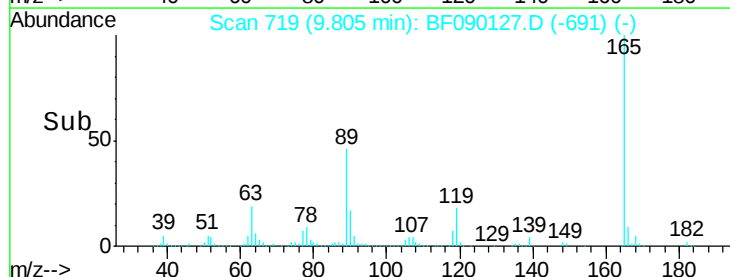


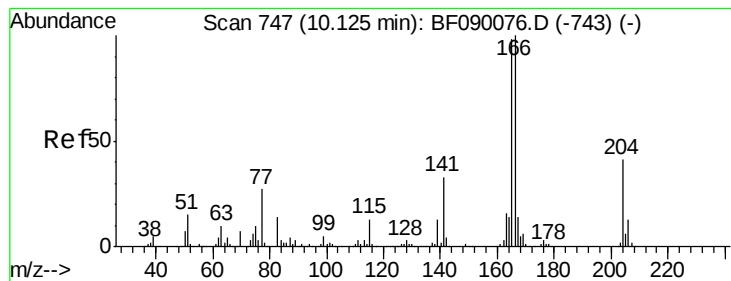
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 31.65 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampled :

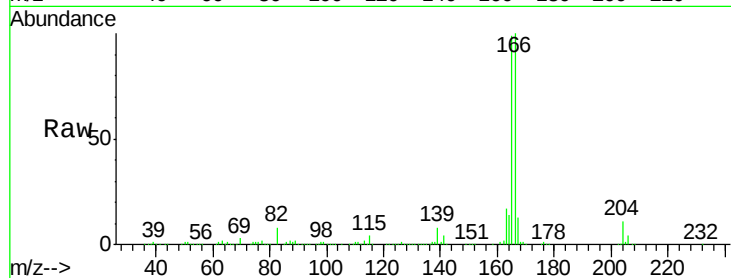
Tgt Ion:166 Resp: 1838309

Ion Ratio Lower Upper

166 100

165 98.7 78.5 117.7

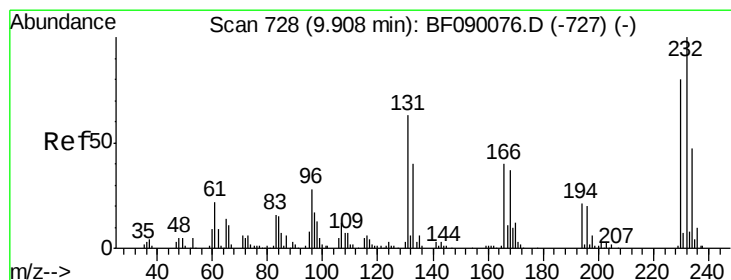
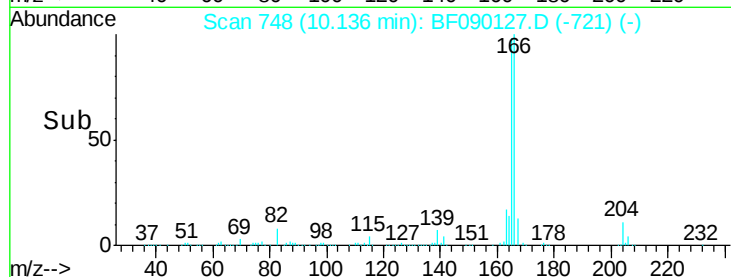
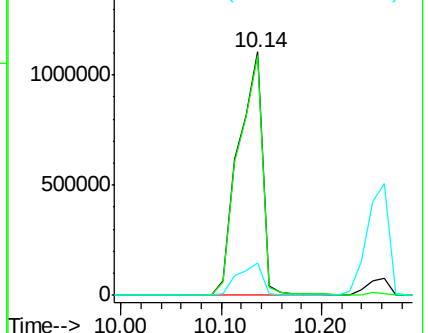
167 13.3 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.32 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Tgt Ion:232 Resp: 511854

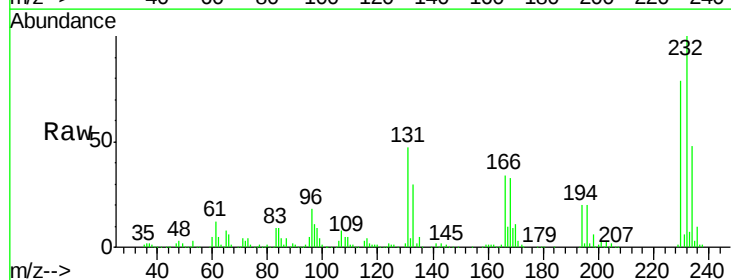
Ion Ratio Lower Upper

232 100

131 55.1 42.2 63.4

130 2.7 1.9 2.9

166 36.8 26.4 39.6

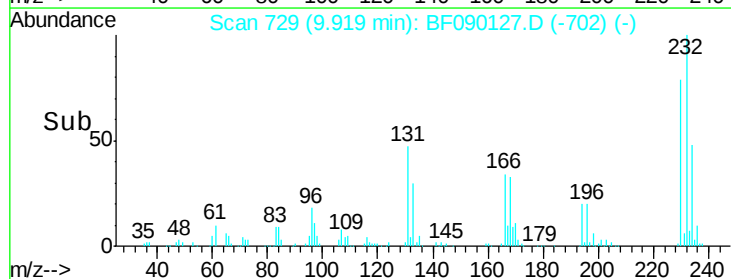
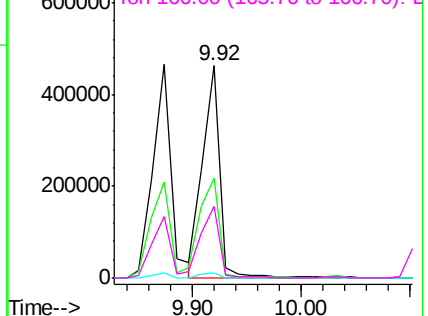


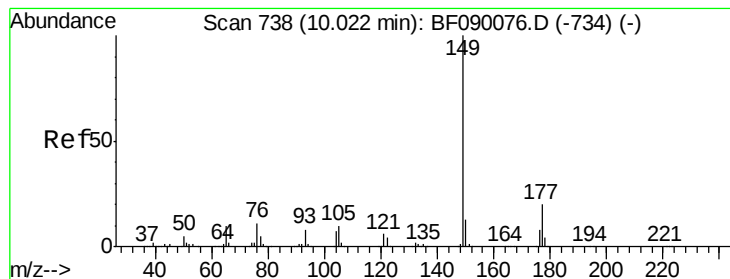
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 32.49 ng

RT: 10.03 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

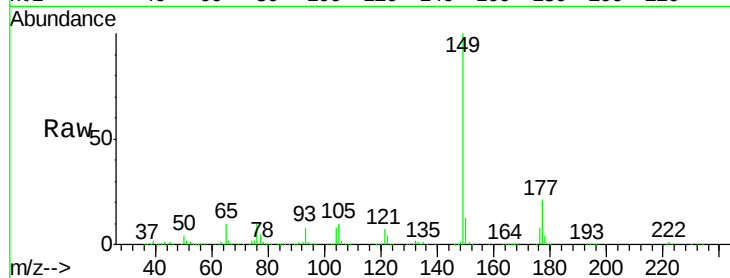
Tgt Ion:149 Resp: 2153482

Ion Ratio Lower Upper

149 100

177 21.0 15.8 23.6

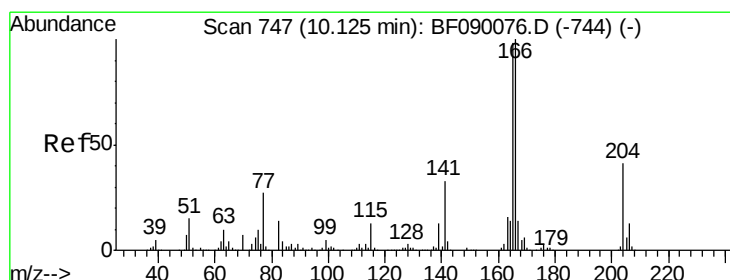
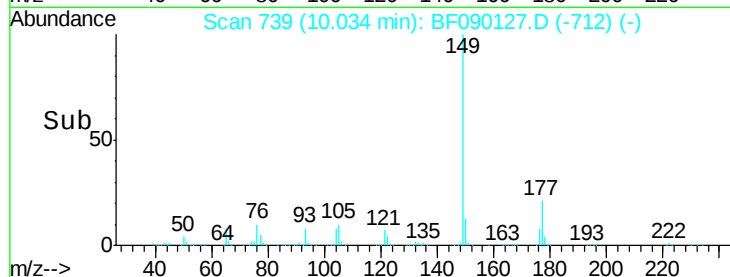
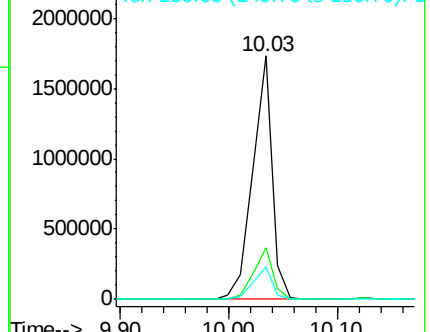
150 13.4 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 23.11 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

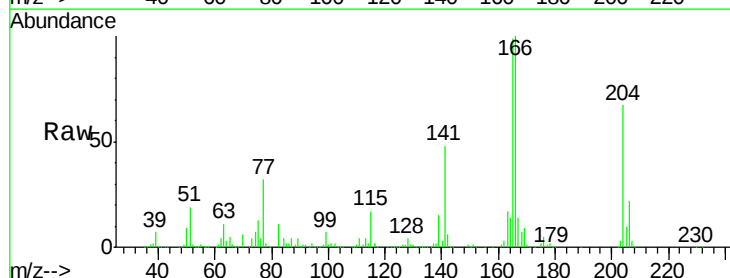
Tgt Ion:204 Resp: 570428

Ion Ratio Lower Upper

204 100

206 32.6 25.6 38.4

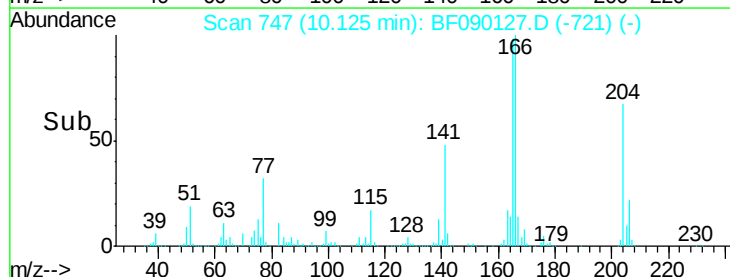
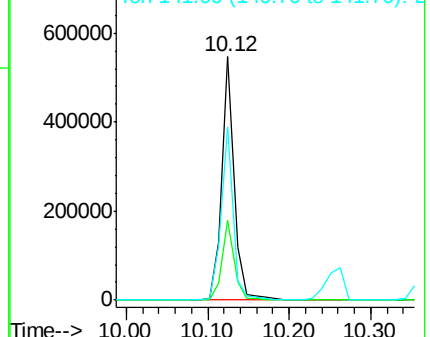
141 71.0 64.4 96.6

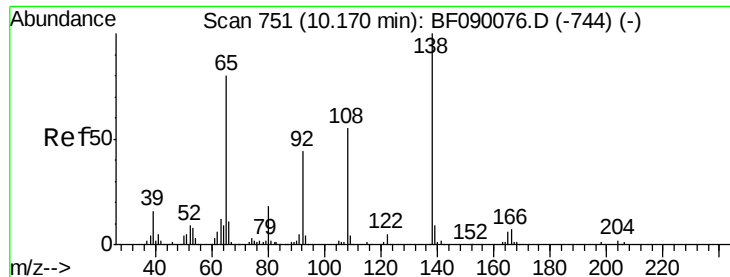


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.00 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampled :

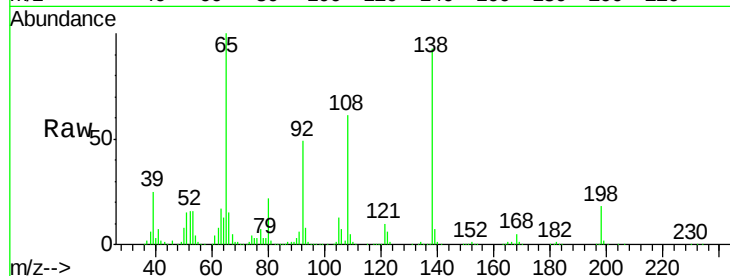
Tgt Ion:138 Resp: 716095

Ion Ratio Lower Upper

138 100

92 52.8 23.8 63.8

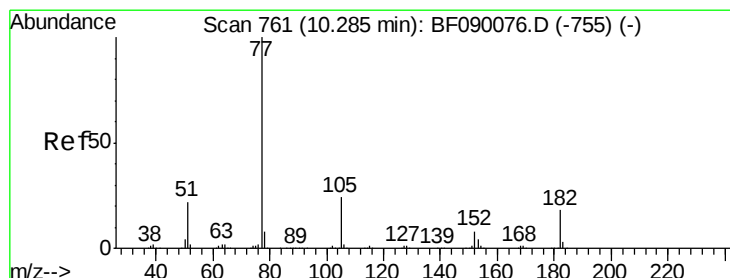
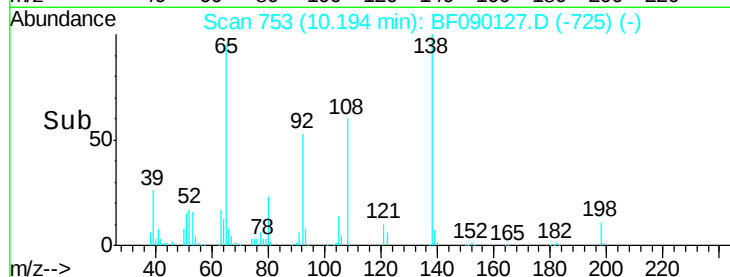
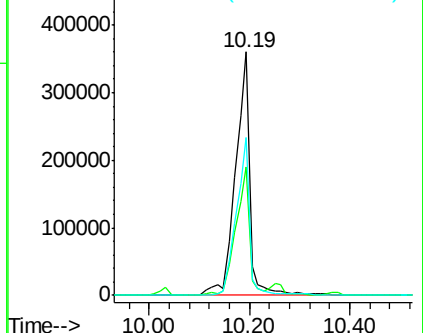
108 65.0 35.0 75.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 32.70 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Tgt Ion: 77 Resp: 2274444

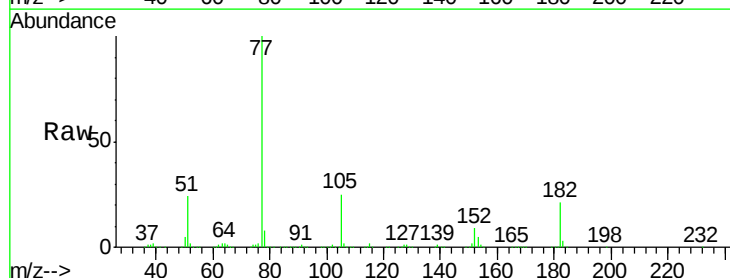
Ion Ratio Lower Upper

77 100

182 20.9 0.0 38.4

105 25.2 3.8 43.8

51 23.6 2.6 42.6

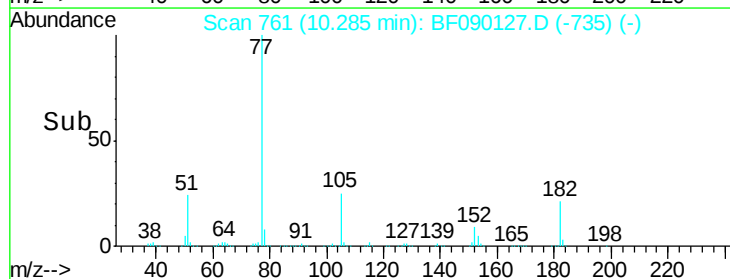
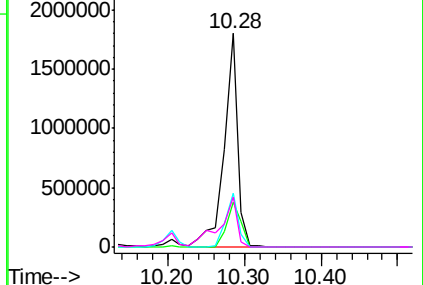


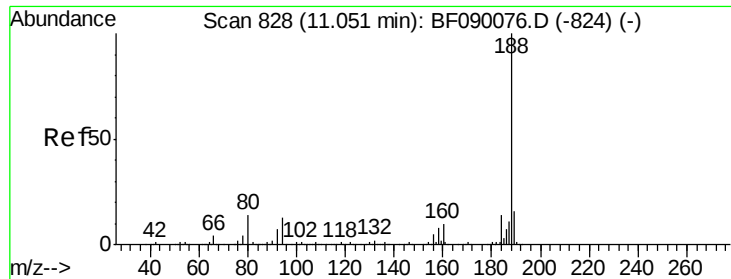
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

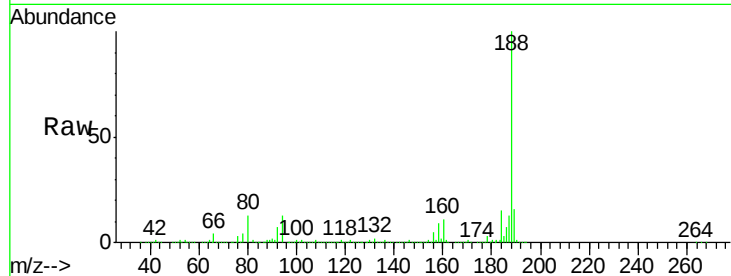
Tgt Ion:188 Resp: 1561048

Ion Ratio Lower Upper

188 100

94 12.5 10.5 15.7

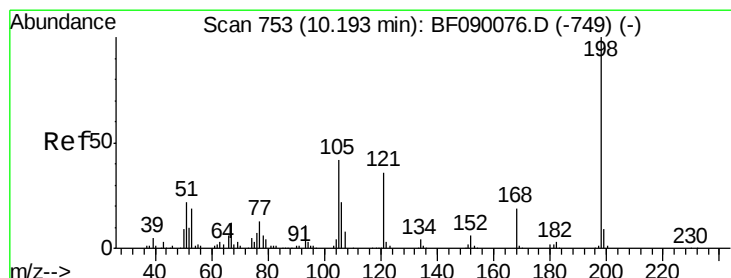
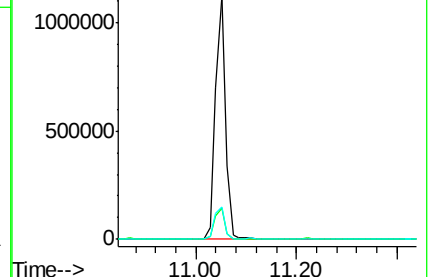
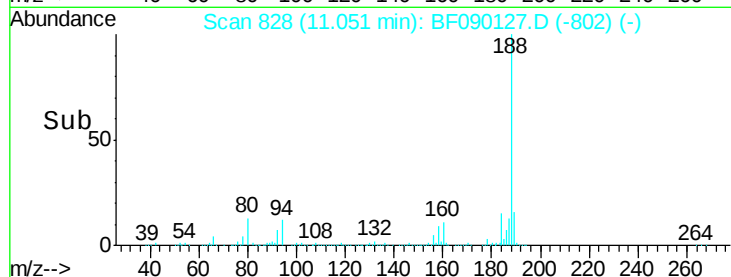
80 13.4 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 32.67 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

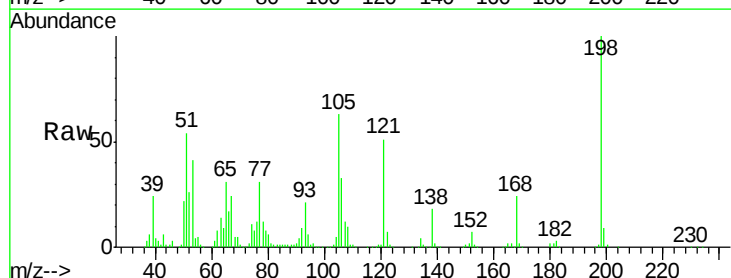
Tgt Ion:198 Resp: 340646

Ion Ratio Lower Upper

198 100

51 53.8 5.5 45.5#

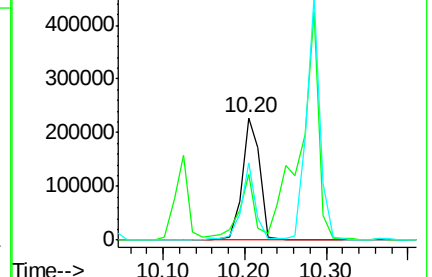
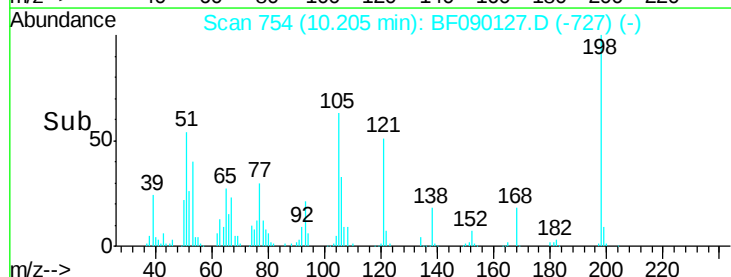
105 62.5 21.8 61.8#

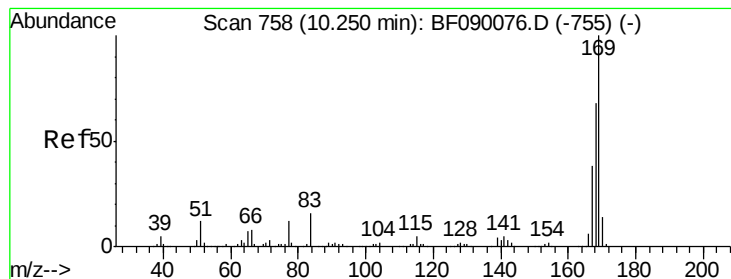


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.60 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

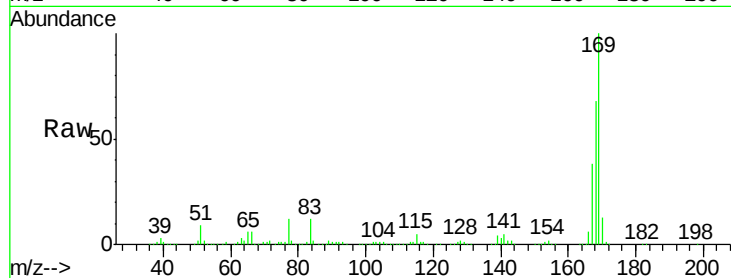
Tgt Ion:169 Resp: 2008072

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.4

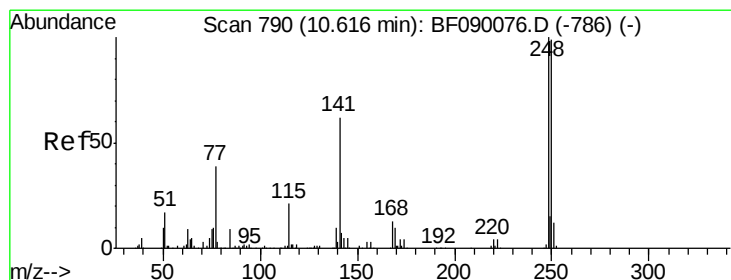
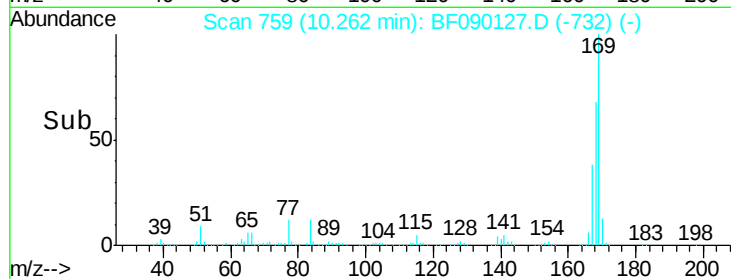
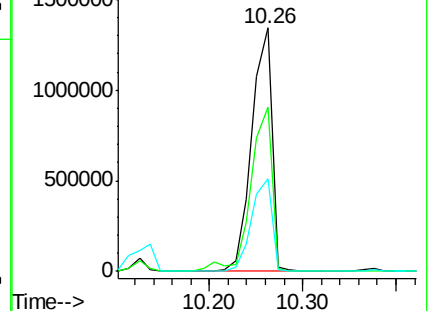
167 38.0 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.98 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

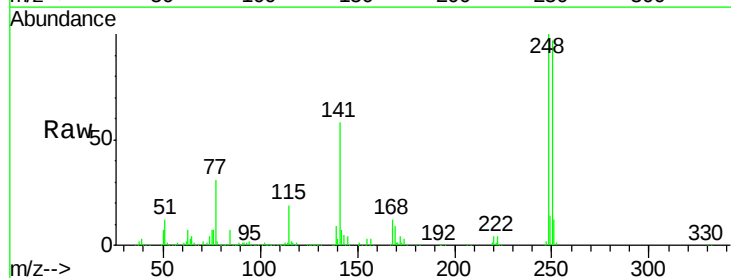
Tgt Ion:248 Resp: 616679

Ion Ratio Lower Upper

248 100

250 97.0 79.4 119.2

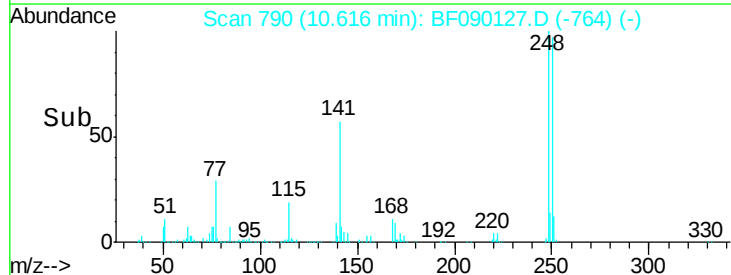
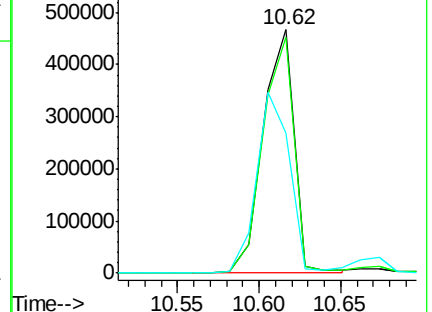
141 57.6 49.3 73.9

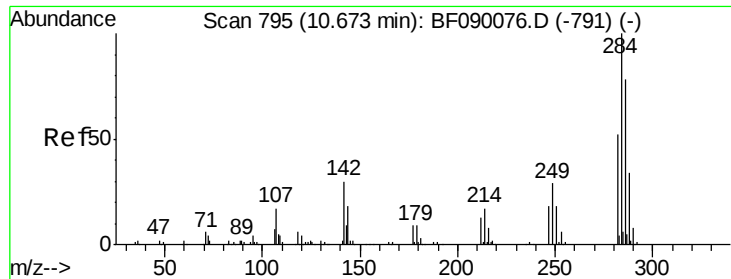


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.01 ng

RT: 10.67 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

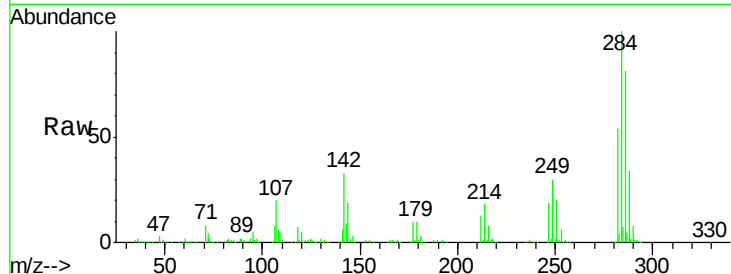
Tgt Ion:284 Resp: 656287

Ion Ratio Lower Upper

284 100

142 32.7 24.0 36.0

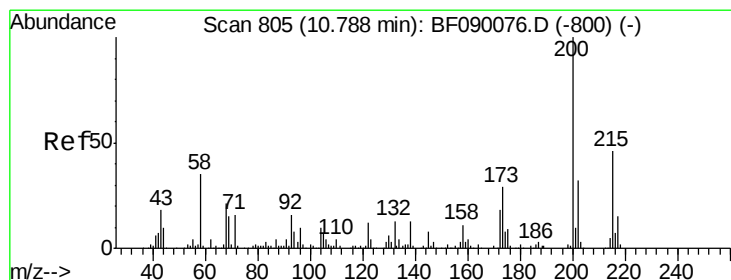
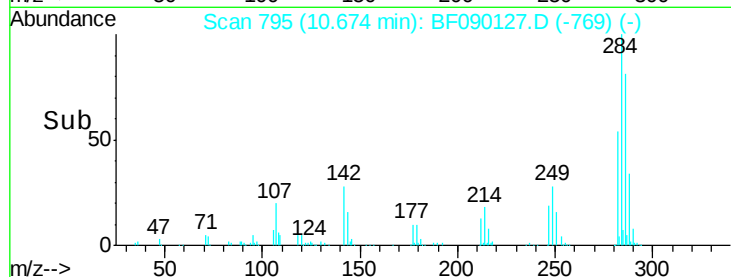
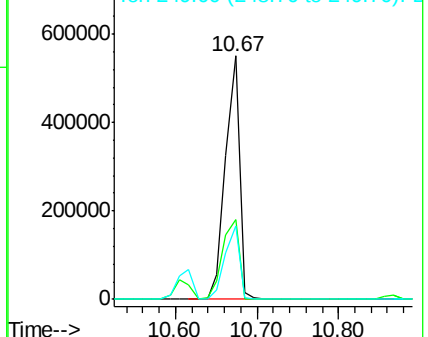
249 29.9 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.11 ng

RT: 10.80 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

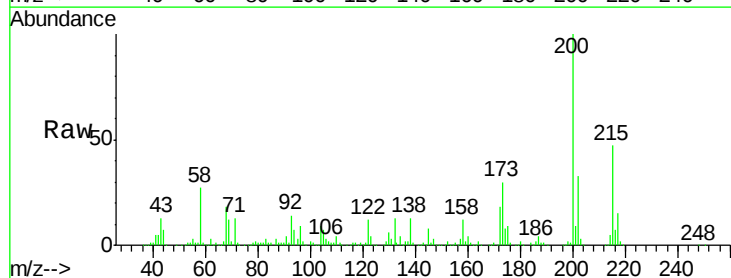
Tgt Ion:200 Resp: 633629

Ion Ratio Lower Upper

200 100

173 30.3 9.3 49.3

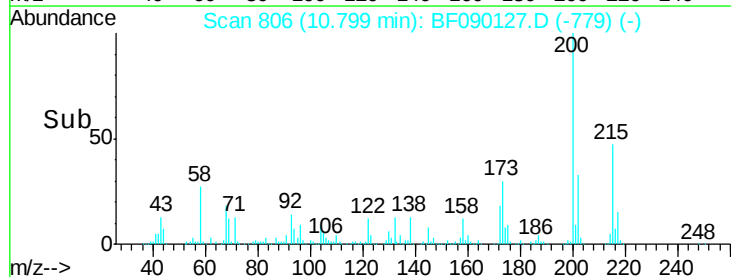
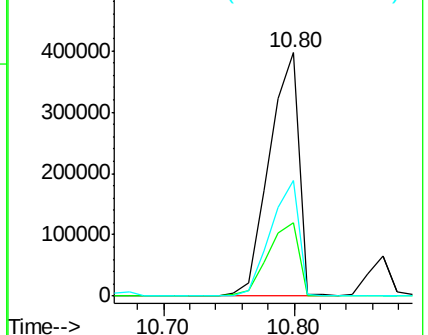
215 47.2 26.1 66.1

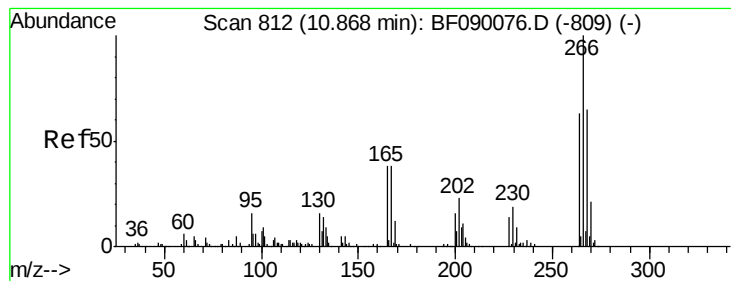


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 40.70 ng

RT: 10.87 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :
BNA_F
ClientSampleId :

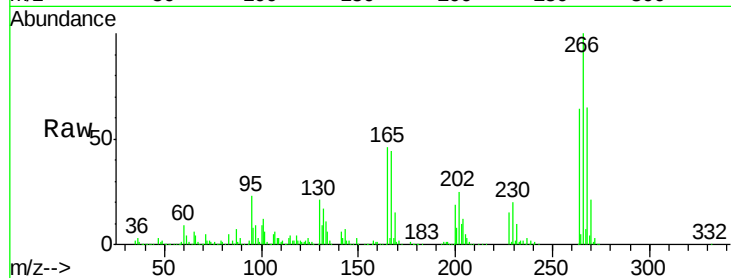
Tgt Ion:266 Resp: 422810

Ion Ratio Lower Upper

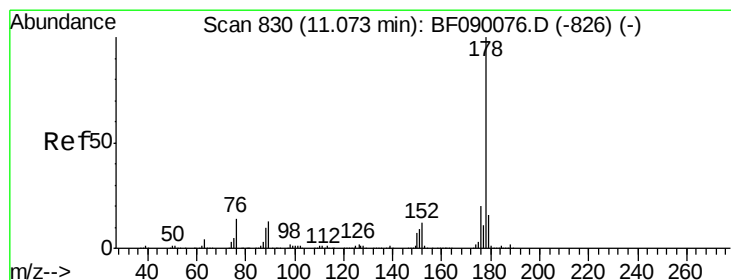
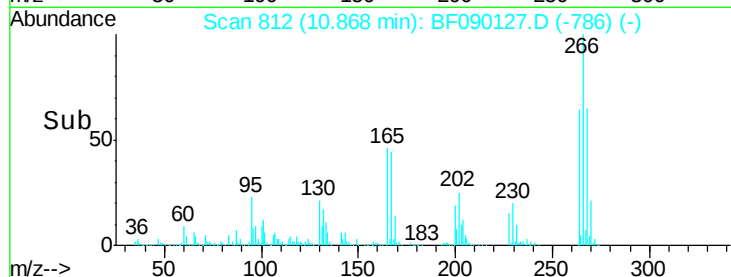
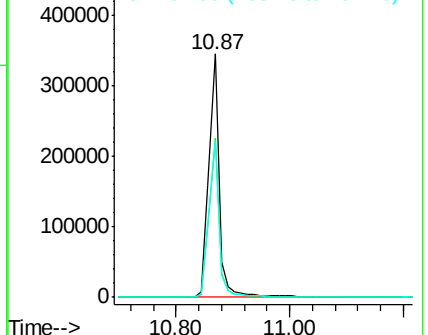
266 100

268 65.4 52.1 78.1

264 64.1 50.3 75.5



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 34.80 ng

RT: 11.07 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

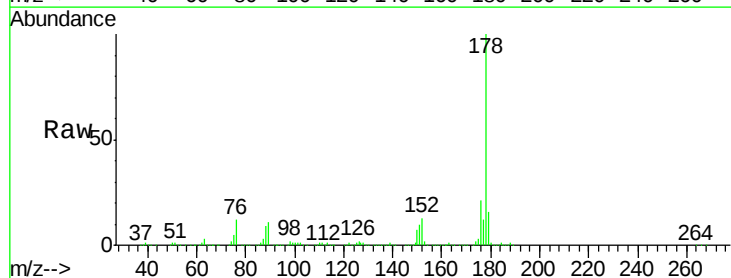
Tgt Ion:178 Resp: 2625366

Ion Ratio Lower Upper

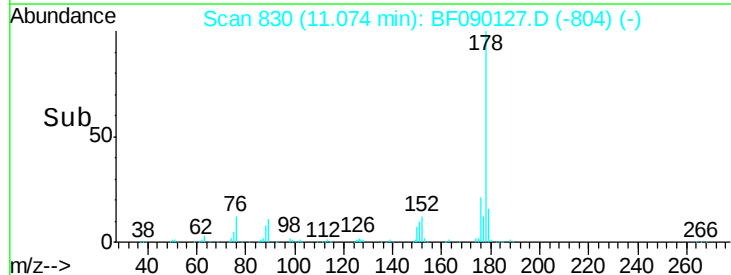
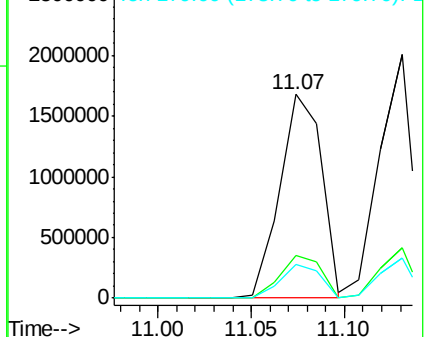
178 100

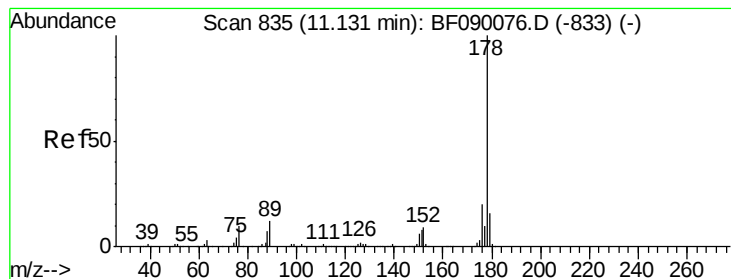
176 21.0 15.9 23.9

179 16.4 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 30.28 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampled :

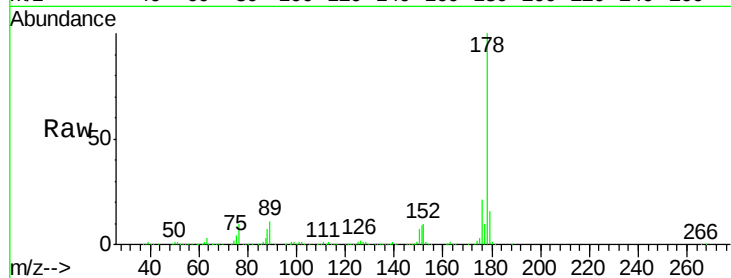
Tgt Ion:178 Resp: 2494321

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.6

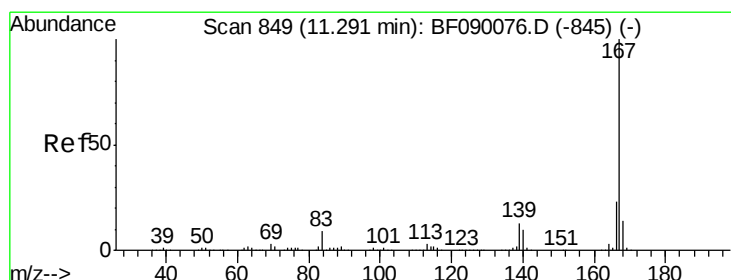
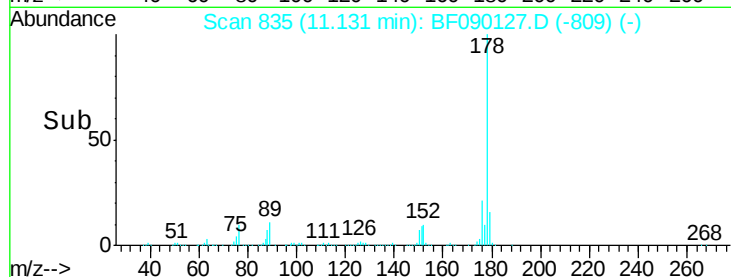
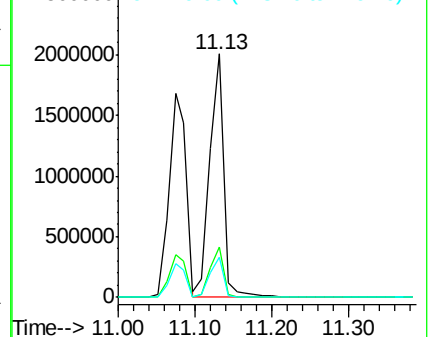
179 16.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.27 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

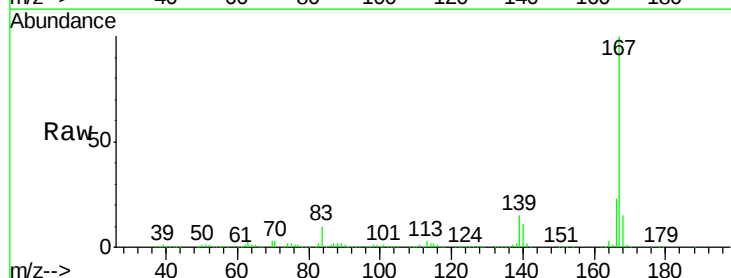
Tgt Ion:167 Resp: 2811058

Ion Ratio Lower Upper

167 100

166 23.2 18.0 27.0

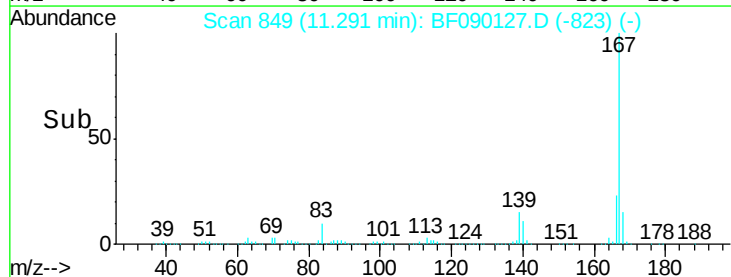
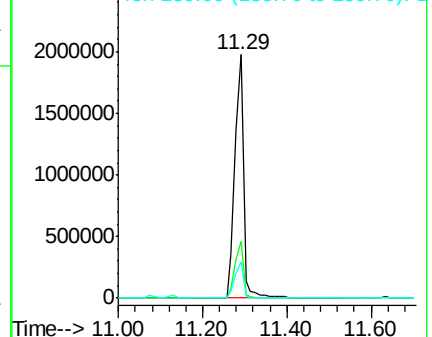
139 14.9 10.4 15.6

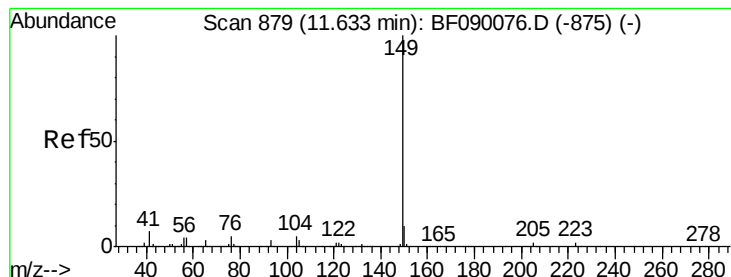


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.75 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

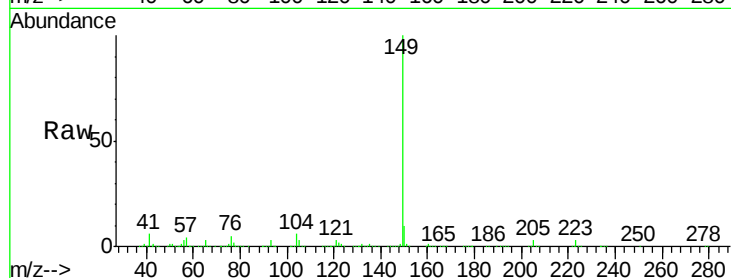
Tgt Ion:149 Resp: 3197928

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.8

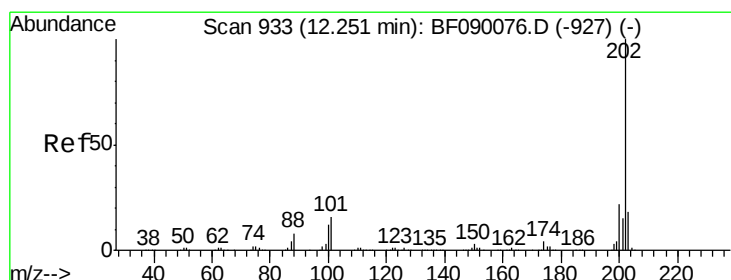
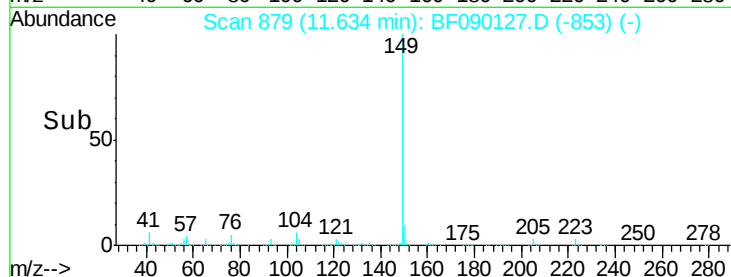
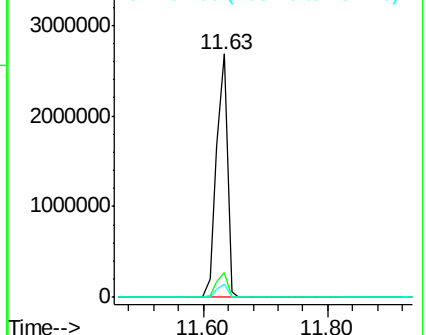
104 5.6 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.56 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

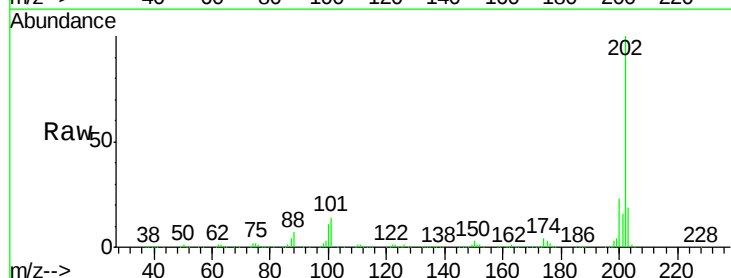
Tgt Ion:202 Resp: 2494620

Ion Ratio Lower Upper

202 100

101 14.4 0.0 36.1

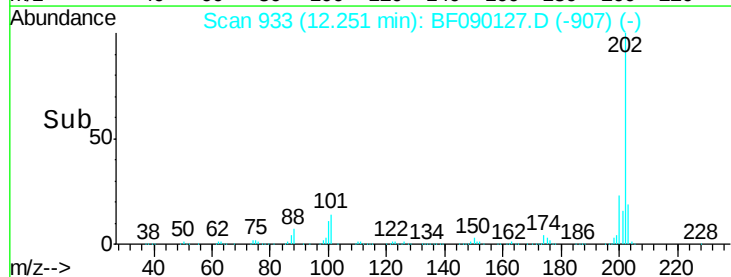
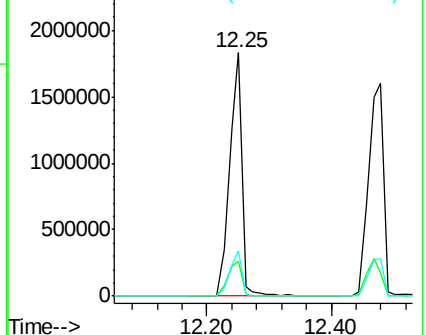
203 18.5 0.0 38.2

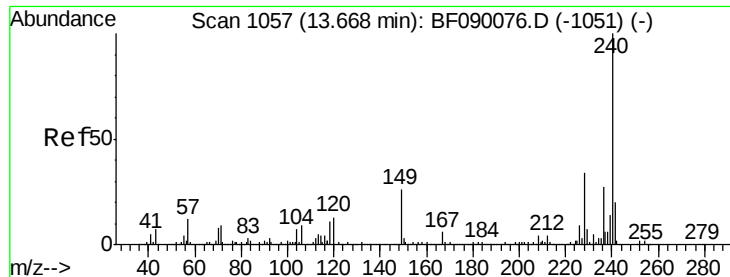


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

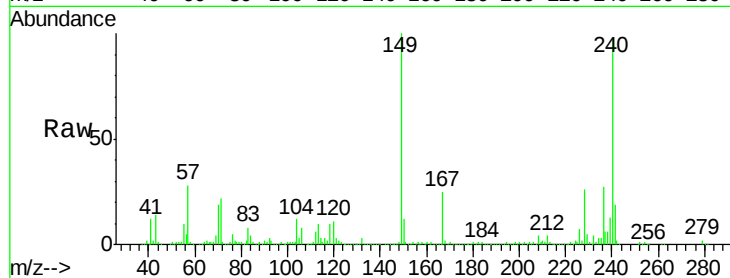
Tgt Ion:240 Resp: 793559

Ion Ratio Lower Upper

240 100

120 11.8 10.6 16.0

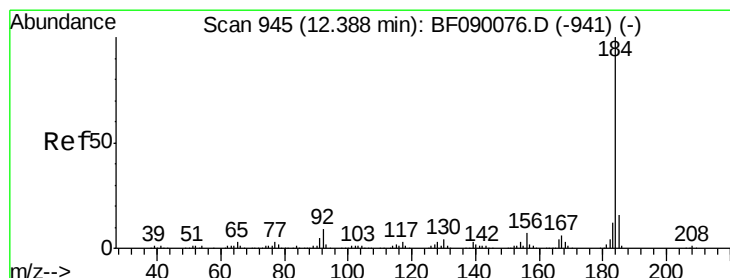
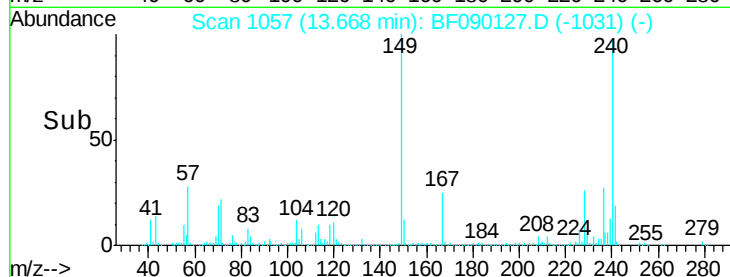
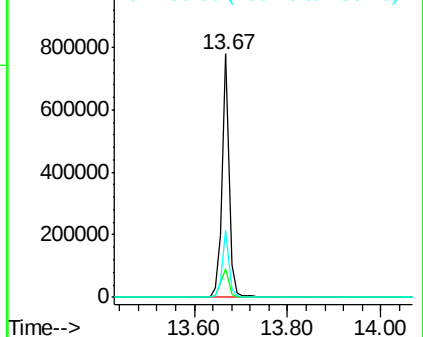
236 27.5 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.78 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

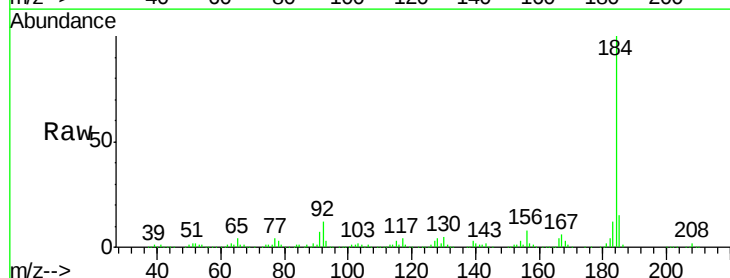
Tgt Ion:184 Resp: 1125673

Ion Ratio Lower Upper

184 100

185 15.0 13.2 19.8

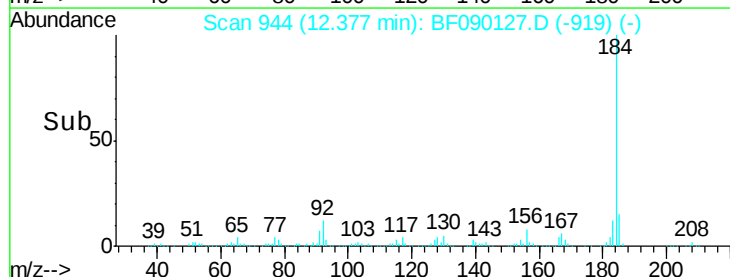
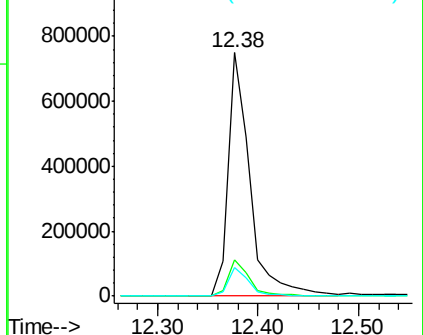
183 11.8 9.2 13.8

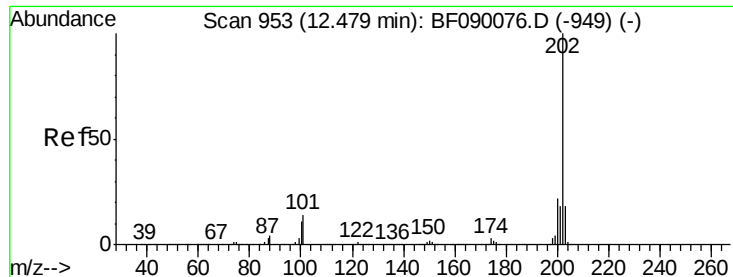


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

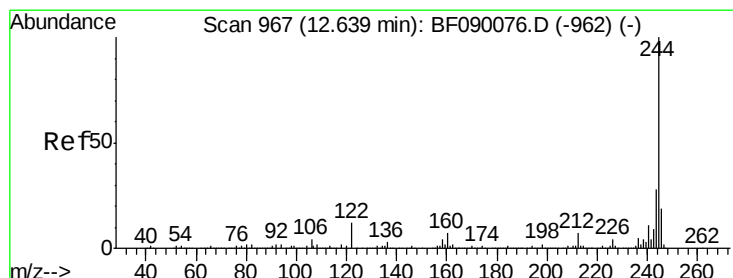
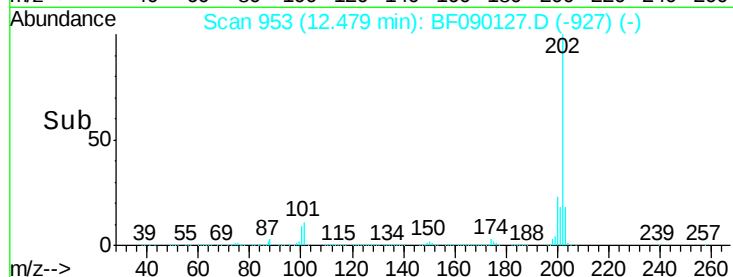
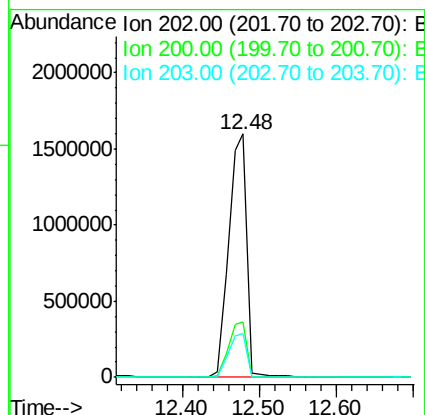
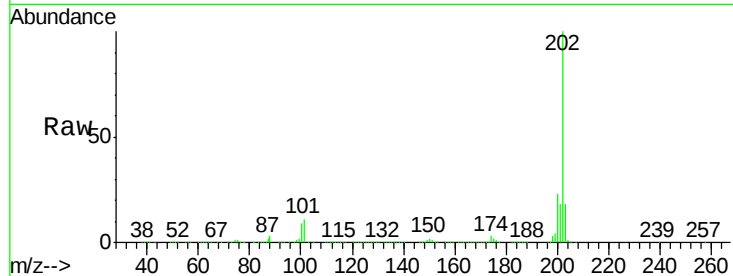




#77
 Pyrene
 Concen: 45.87 ng
 RT: 12.48 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

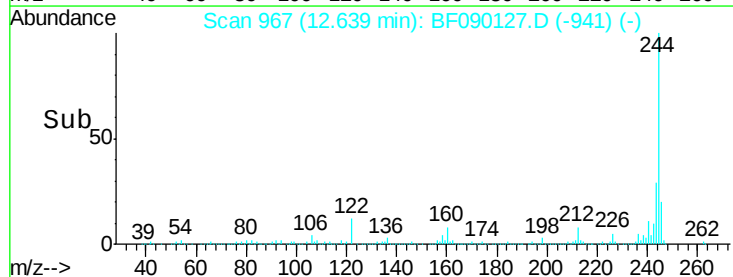
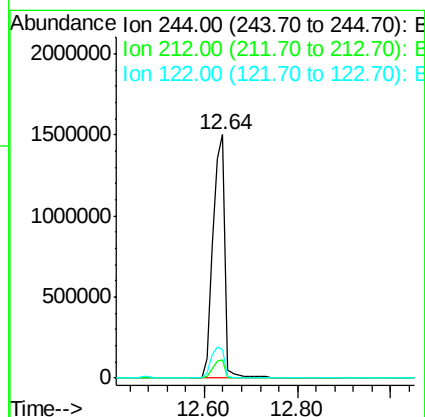
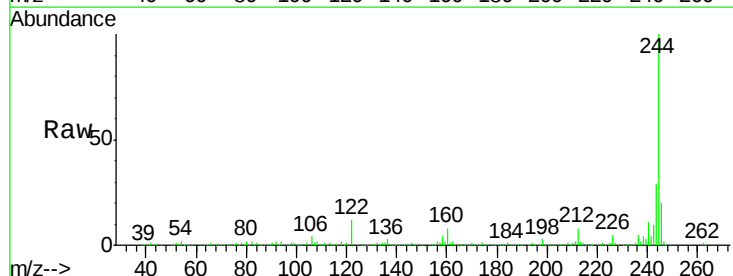
Instrument :
 BNA_F
 ClientSampleId :

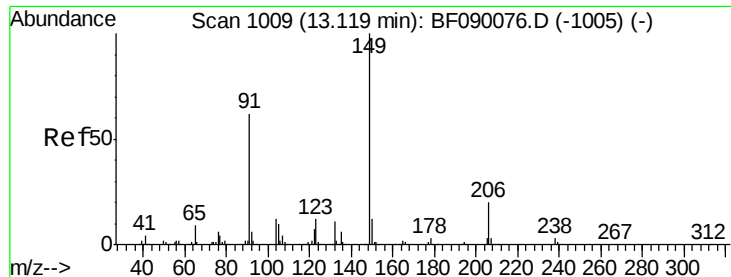
Tgt Ion:202 Resp: 2656816
 Ion Ratio Lower Upper
 202 100
 200 22.8 17.9 26.9
 203 17.9 14.2 21.4



#78
 Terphenyl-d14
 Concen: 81.71 ng
 RT: 12.64 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

Tgt Ion:244 Resp: 2730484
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 11.6 9.4 14.0





#79

Butylbenzylphthalate

Concen: 43.65 ng

RT: 13.11 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

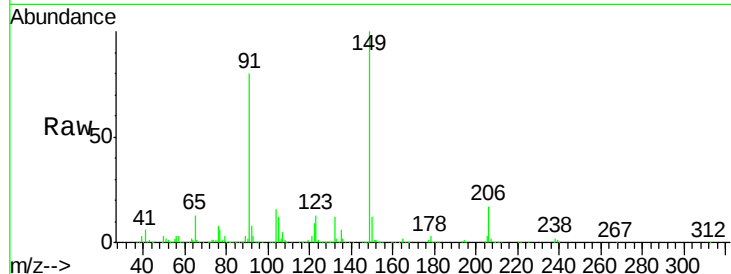
Tgt Ion:149 Resp: 1258808

Ion Ratio Lower Upper

149 100

91 79.6 49.8 74.6#

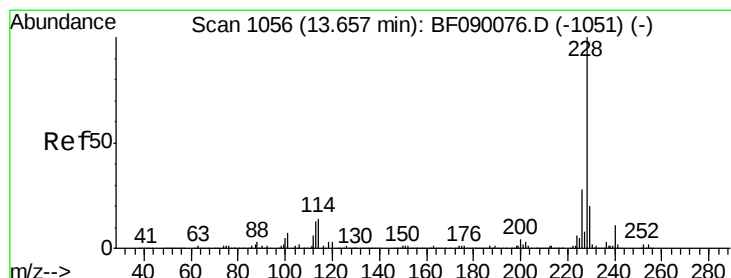
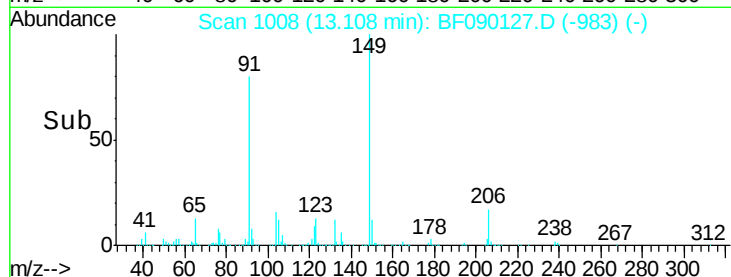
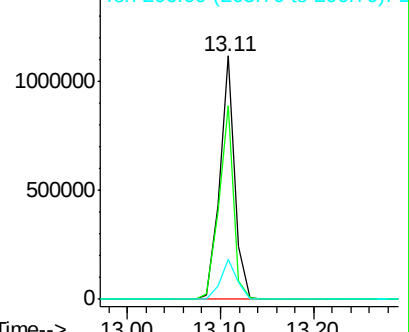
206 16.5 16.3 24.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.55 ng

RT: 13.66 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

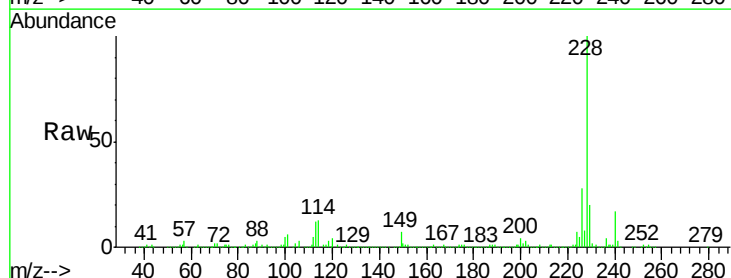
Tgt Ion:228 Resp: 1924580

Ion Ratio Lower Upper

228 100

226 28.1 22.0 33.0

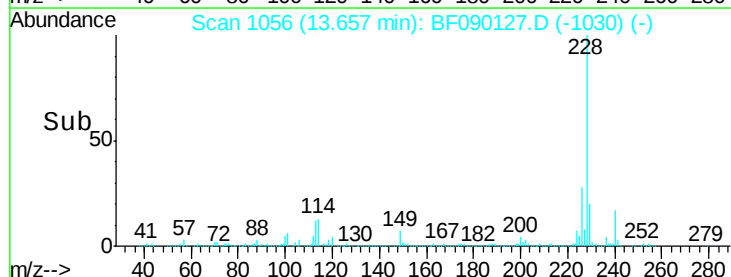
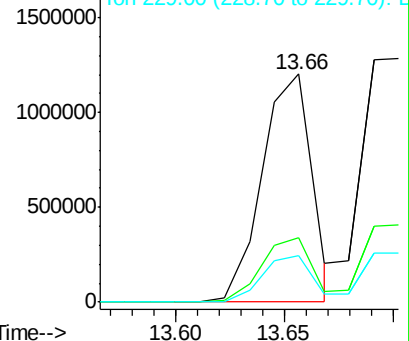
229 20.5 16.2 24.2

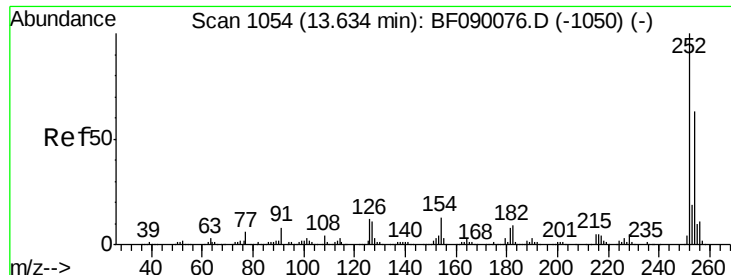


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

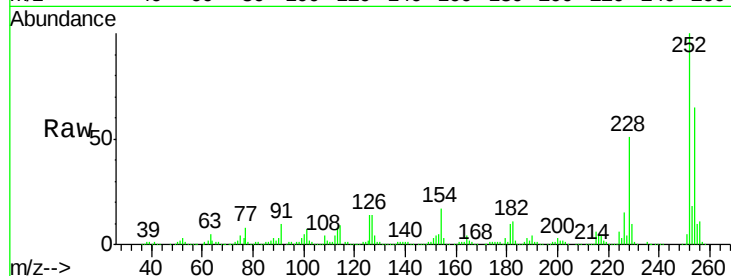




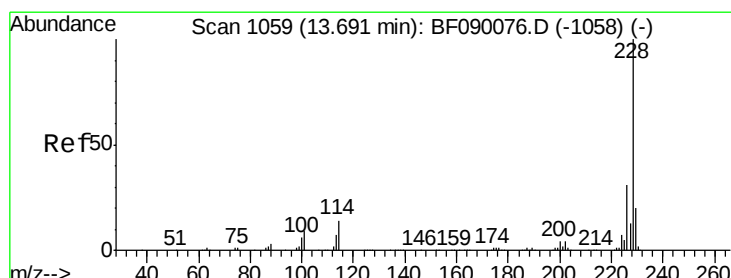
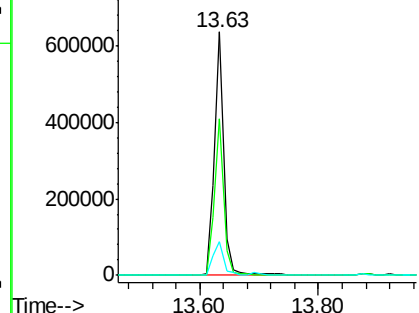
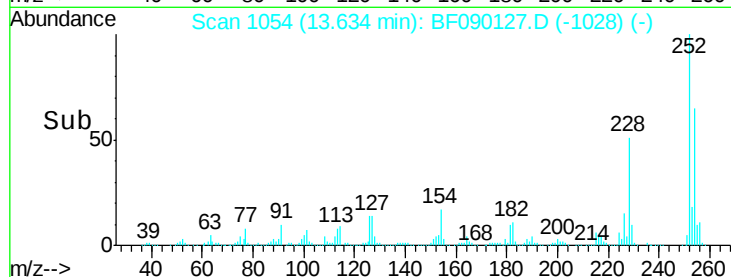
#81
 3,3'-Dichlorobenzidine
 Concen: 36.22 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 252 Resp: 703289
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.7 76.1
 126 14.1 9.2 13.8#

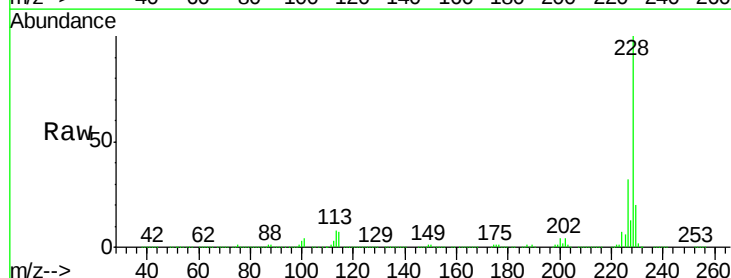


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

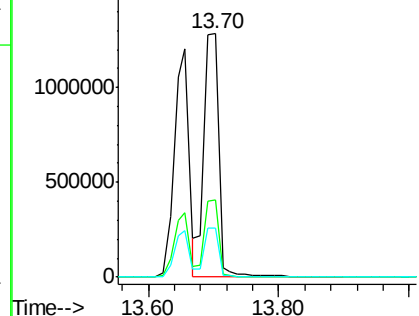
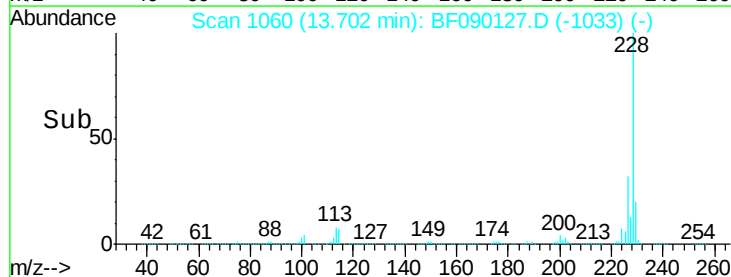


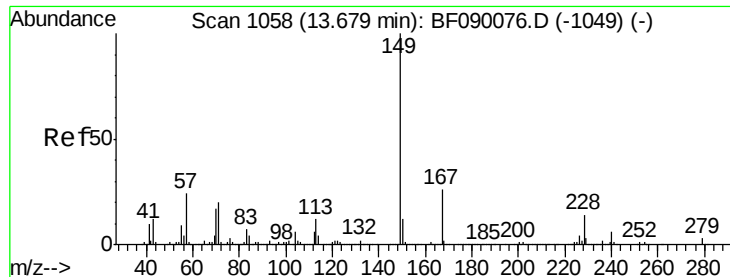
#82
 Chrysene
 Concen: 46.25 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

Tgt Ion: 228 Resp: 2009763
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.6 37.0
 229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.42 ng

RT: 13.68 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

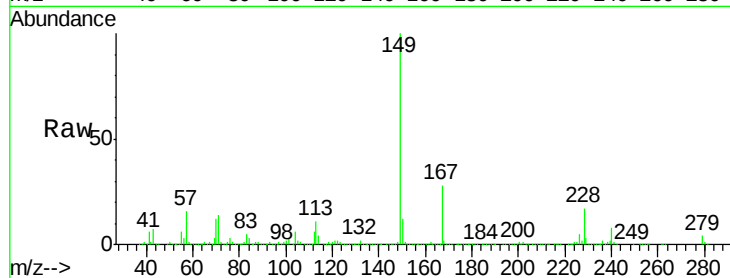
Tgt Ion:149 Resp: 1513329

Ion Ratio Lower Upper

149 100

167 27.8 21.2 31.8

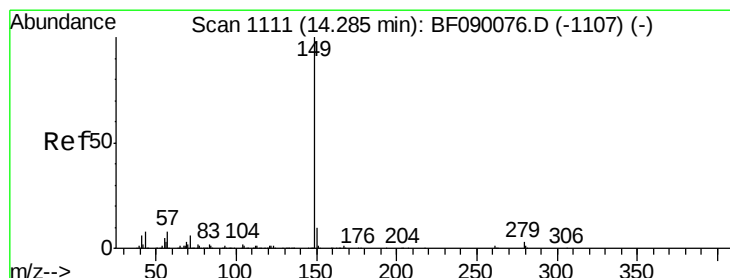
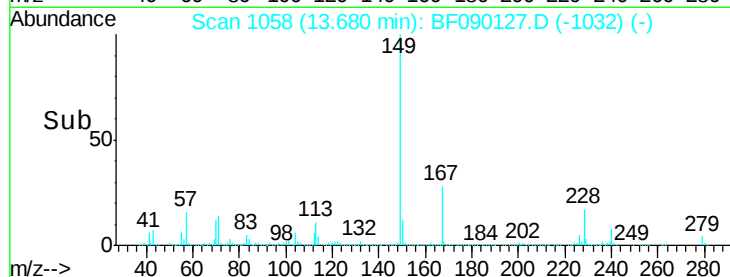
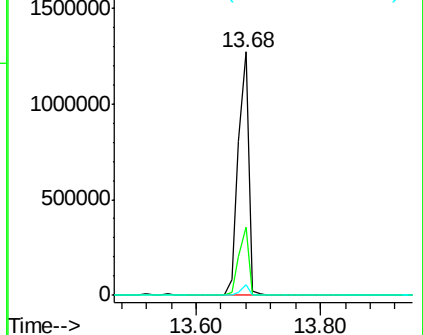
279 4.3 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.78 ng

RT: 14.29 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

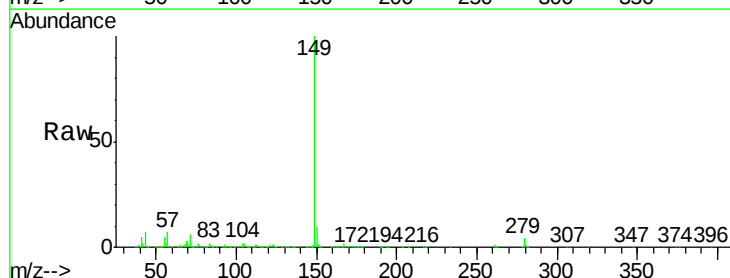
Tgt Ion:149 Resp: 2919019

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

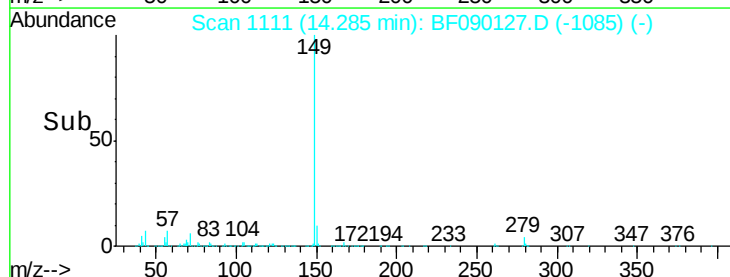
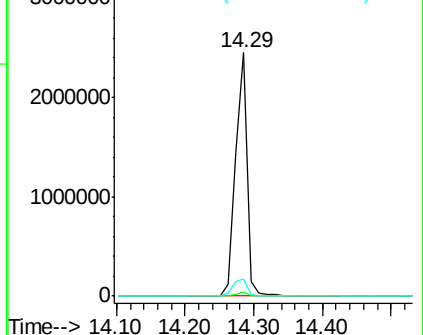
43 8.2 6.8 10.2

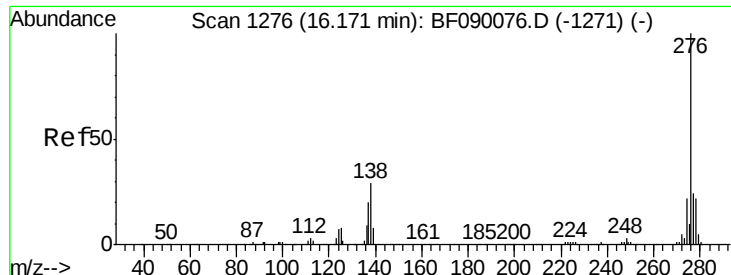


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

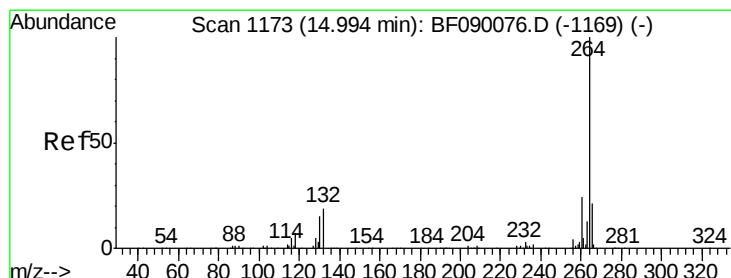
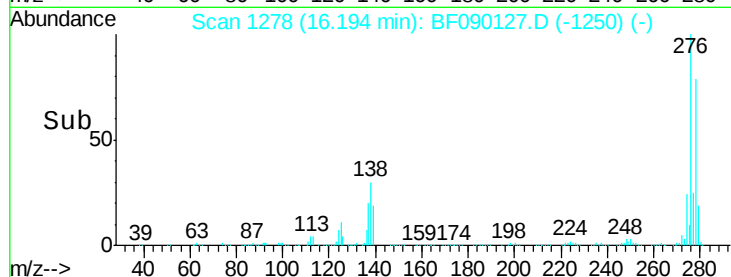
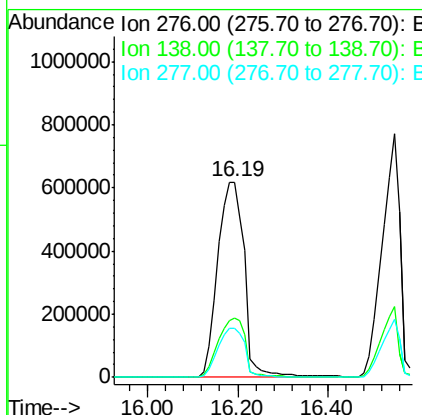
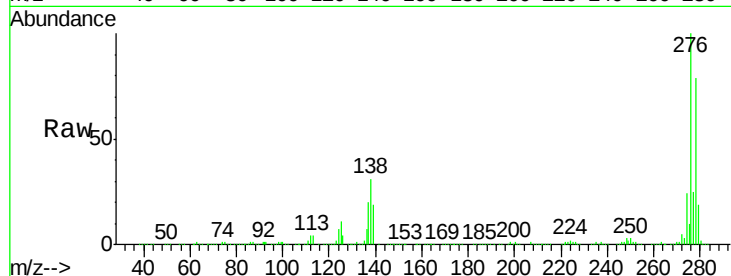




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 67.53 ng
 RT: 16.19 min Scan# 1278
 Delta R.T. 0.02 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

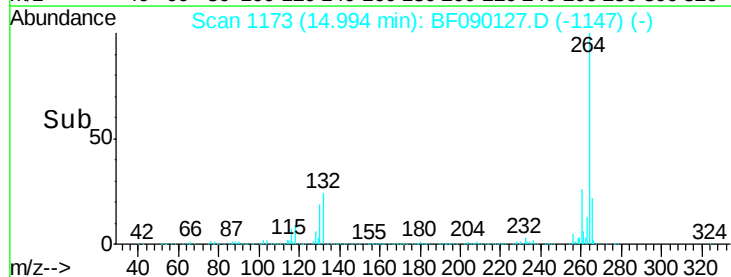
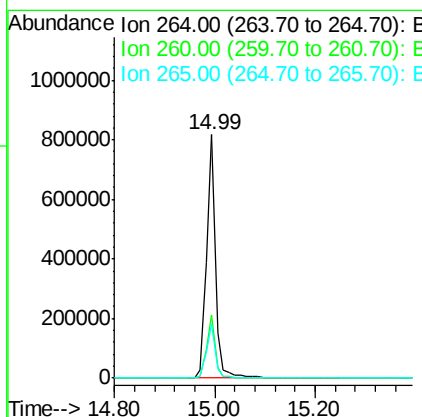
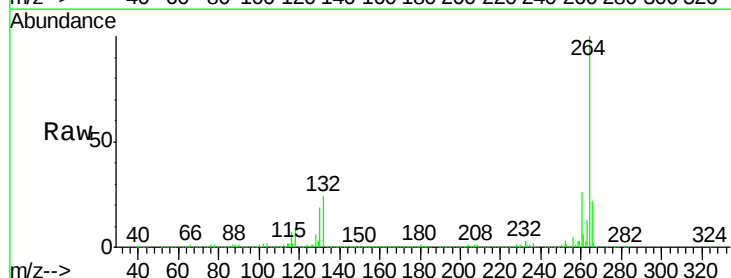
Instrument :
 BNA_F
 ClientSampled :

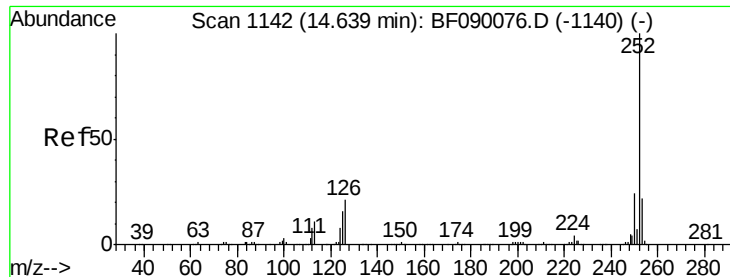
Tgt Ion: 276 Resp: 2549421
 Ion Ratio Lower Upper
 276 100
 138 31.3 25.9 38.9
 277 25.6 19.9 29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF090127.D
 Acq: 19 Sep 2016 18:40

Tgt Ion: 264 Resp: 1019417
 Ion Ratio Lower Upper
 264 100
 260 25.9 19.5 29.3
 265 22.3 17.0 25.4





#87

Benzo(b)fluoranthene

Concen: 66.29 ng

RT: 14.67 min Scan# 1145

Delta R.T. 0.03 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

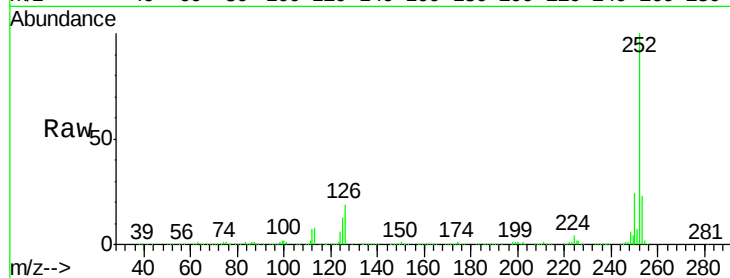
Tgt Ion:252 Resp: 3961897

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

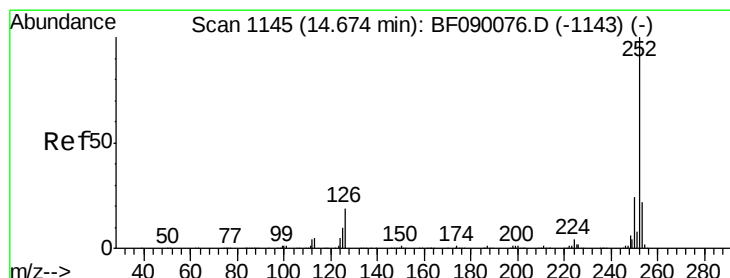
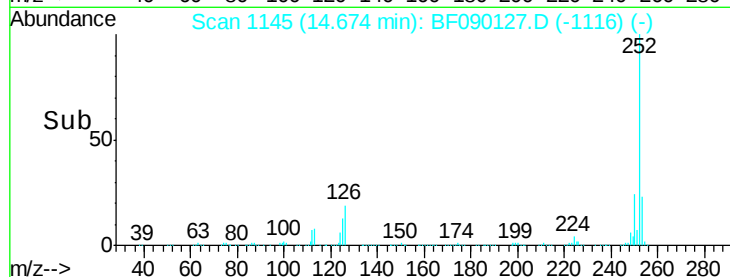
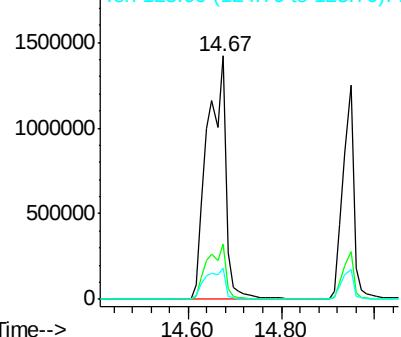
125 12.7 12.7 19.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 73.64 ng

RT: 14.67 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

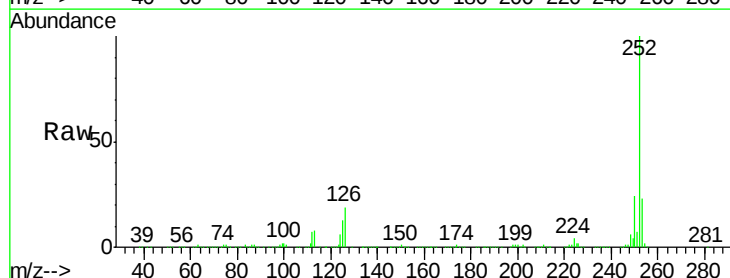
Tgt Ion:252 Resp: 3961897

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

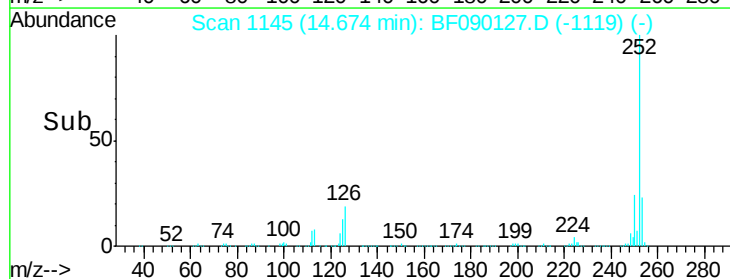
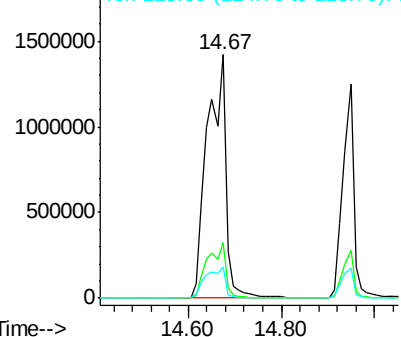
125 12.7 7.8 11.6#

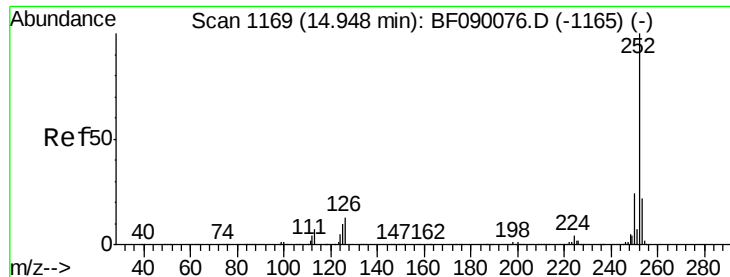


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.56 ng

RT: 14.95 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :

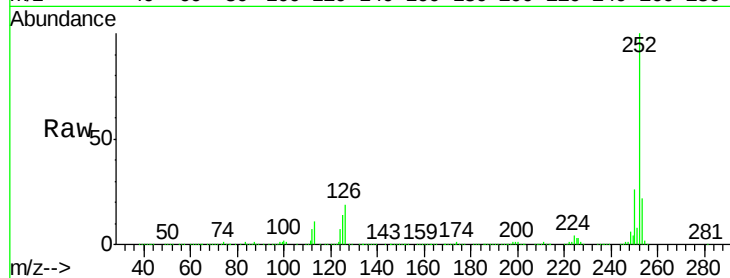
Tgt Ion:252 Resp: 2012703

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

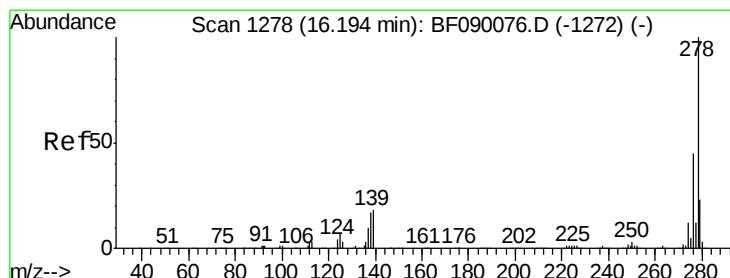
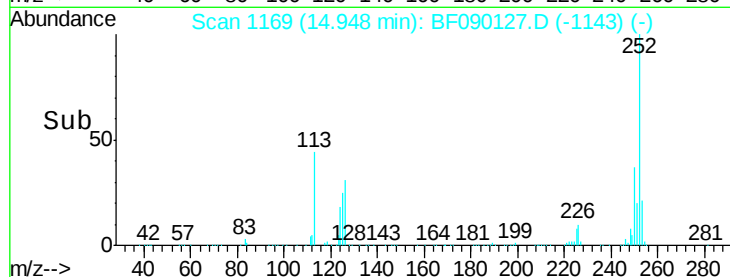
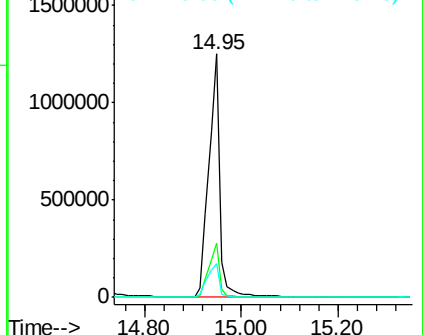
125 14.0 7.7 11.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.25 ng

RT: 16.22 min Scan# 1280

Delta R.T. 0.02 min

Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

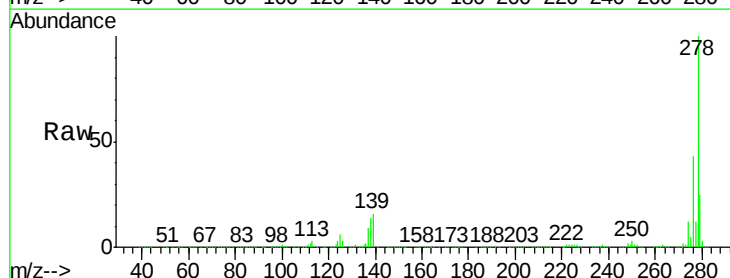
Tgt Ion:278 Resp: 1983278

Ion Ratio Lower Upper

278 100

139 15.7 14.6 21.8

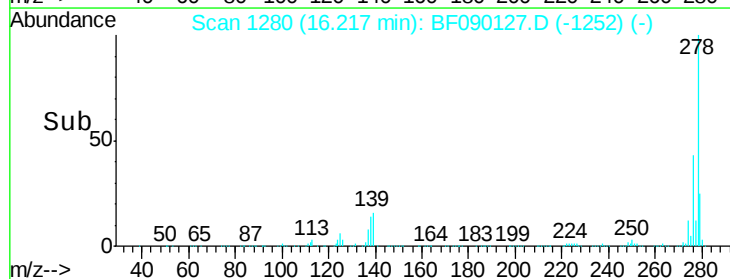
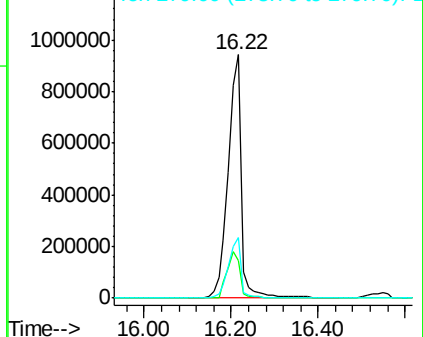
279 25.1 18.8 28.2

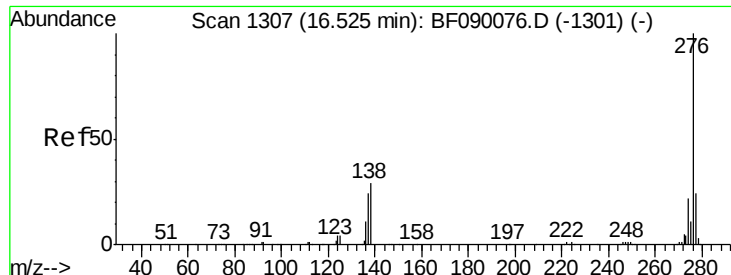


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 54.12 ng

RT: 16.55 min Scan# 1309

Delta R.T. 0.02 min

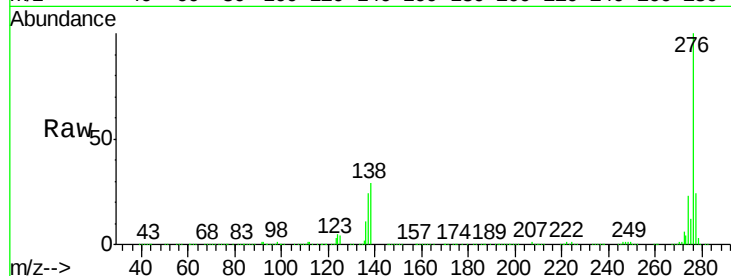
Lab File: BF090127.D

Acq: 19 Sep 2016 18:40

Instrument :

BNA_F

ClientSampleId :



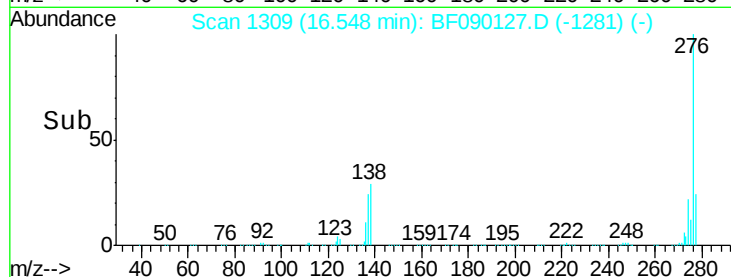
Tgt Ion: 276 Resp: 2167664

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 28.9 23.3 34.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

