

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102516\
 Data File : BF090813.D
 Acq On : 25 Oct 2016 17:57
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 25 18:29:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 17:09:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	222491	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	908568	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	516809	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	808895	20.00	ng	0.01
75) Chrysene-d12	13.97	240	554023	20.00	ng	0.01
86) Perylene-d12	15.38	264	448099	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	970532	70.35	ng	0.00
7) Phenol-d6	6.44	99	1266224	67.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	1118289	67.51	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	395409	96.66	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2198656	66.04	ng	0.00
78) Terphenyl-d14	12.92	244	2177896	90.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	261630	32.77	ng	# 78
3) Pyridine	3.06	79	708178	37.86	ng	# 75
4) n-Nitrosodimethylamine	3.01	42	222999	34.84	ng	# 68
6) Aniline	6.46	93	746525	35.24	ng	# 67
8) 2-Chlorophenol	6.59	128	579253	34.98	ng	93
9) Benzaldehyde	6.34	77	321739	31.49	ng	# 73
10) Phenol	6.45	94	644181	30.67	ng	# 41
11) bis(2-Chloroethyl)ether	6.54	93	594862	33.70	ng	85
12) 1,3-Dichlorobenzene	6.74	146	625504	37.60	ng	# 92
13) 1,4-Dichlorobenzene	6.82	146	680667	38.58	ng	# 93
14) 1,2-Dichlorobenzene	6.82	146	686382	39.74	ng	94
15) Benzyl Alcohol	6.94	79	449788	35.44	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.08	45	606717	22.95	ng	60
17) 2-Methylphenol	7.07	107	463132	37.12	ng	# 85
18) Hexachloroethane	7.31	117	220980	30.85	ng	# 88
19) n-Nitroso-di-n-propylamine	7.23	70	402815	28.95	ng	# 67
20) 3+4-Methylphenols	7.22	107	532018	35.97	ng	# 45
22) Acetophenone	7.22	105	713703	35.25	ng	# 86
24) Nitrobenzene	7.39	77	616725	34.34	ng	# 73
25) Isophorone	7.63	82	1057779	33.73	ng	# 89
26) 2-Nitrophenol	7.71	139	334549	45.60	ng	# 91
27) 2,4-Dimethylphenol	7.76	122	509761	39.19	ng	86
28) bis(2-Chloroethoxy)methane	7.85	93	639616	37.28	ng	# 94
29) 2,4-Dichlorophenol	7.95	162	458271	42.92	ng	94
30) 1,2,4-Trichlorobenzene	8.03	180	515724	41.05	ng	97
31) Naphthalene	8.11	128	1571775	35.37	ng	96
32) Benzoic acid	7.90	122	376593	42.16	ng	80
33) 4-Chloroaniline	8.17	127	715699	43.42	ng	# 96
34) Hexachlorobutadiene	8.24	225	305207	43.20	ng	99
35) Caprolactam	8.56	113	151079	49.55	ng	# 74
36) 4-Chloro-3-methylphenol	8.66	107	481499	38.78	ng	100
37) 2-Methylnaphthalene	8.81	142	1062610	40.91	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	495340	35.50	ng	98
40) Hexachlorocyclopentadiene	8.96	237	202040	30.84	ng	97

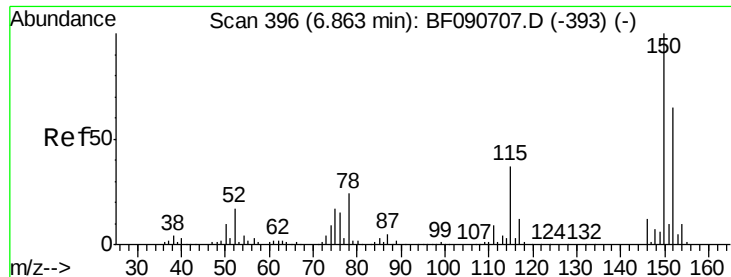
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102516\
 Data File : BF090813.D
 Acq On : 25 Oct 2016 17:57
 Operator : UM/SJ
 Sample : SSTDCCC040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	330534	38.19	ng	100
43) 2,4,5-Trichlorophenol	9.13	196	364978	41.56	ng	97
45) 1,1'-Biphenyl	9.26	154	1310813	32.30	ng	92
46) 2-Chloronaphthalene	9.30	162	1002332	33.23	ng	96
47) 2-Nitroaniline	9.39	65	296032	29.56	ng	# 78
48) Acenaphthylene	9.71	152	1671067	36.30	ng	96
49) Dimethylphthalate	9.57	163	1132809	34.88	ng	# 97
50) 2,6-Dinitrotoluene	9.64	165	288295	41.28	ng	# 86
51) Acenaphthene	9.88	154	1071639	35.07	ng	88
52) 3-Nitroaniline	9.80	138	288354	35.92	ng	# 60
53) 2,4-Dinitrophenol	9.92	184	117744	39.99	ng	# 82
54) Dibenzofuran	10.05	168	1462496	39.51	ng	# 90
55) 4-Nitrophenol	9.97	139	179060	39.55	ng	# 75
56) 2,4-Dinitrotoluene	10.04	165	389327	45.61	ng	# 97
57) Fluorene	10.40	166	1209355	39.42	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.17	232	283959	41.20	ng	97
59) Diethylphthalate	10.27	149	1173509	34.84	ng	98
60) 4-Chlorophenyl-phenylether	10.38	204	529042	37.74	ng	# 87
61) 4-Nitroaniline	10.42	138	311482	38.31	ng	# 50
62) Azobenzene	10.54	77	1189036	30.15	ng	85
64) 4,6-Dinitro-2-methylphenol	10.45	198	202482	39.98	ng	# 58
65) n-Nitrosodiphenylamine	10.51	169	995777	38.42	ng	89
66) 4-Bromophenyl-phenylether	10.88	248	349679	44.59	ng	98
67) Hexachlorobenzene	10.94	284	433400	46.84	ng	# 79
68) Atrazine	11.04	200	273289	38.21	ng	86
69) Pentachlorophenol	11.14	266	213272	44.31	ng	98
70) Phenanthrene	11.36	178	1632768	39.60	ng	95
71) Anthracene	11.40	178	1537612	33.63	ng	97
72) Carbazole	11.56	167	1449232	37.91	ng	94
73) Di-n-butylphthalate	11.89	149	1734100	34.97	ng	# 97
74) Fluoranthene	12.55	202	1647528	41.31	ng	88
76) Benzidine	12.67	184	475164	38.63	ng	96
77) Pyrene	12.77	202	1593947	41.19	ng	96
79) Butylbenzylphthalate	13.39	149	722298	40.61	ng	# 81
80) Benzo(a)anthracene	13.96	228	1135356	37.45	ng	96
81) 3,3'-Dichlorobenzidine	13.93	252	479870	45.68	ng	# 92
82) Chrysene	14.00	228	1277518	43.17	ng	94
83) Bis(2-ethylhexyl)phthalate	13.96	149	1002183	39.38	ng	# 98
84) Di-n-octyl phthalate	14.57	149	1534327	39.73	ng	# 87
85) Indeno(1,2,3-cd)pyrene	16.76	276	1016463	39.37	ng	# 91
87) Benzo(b)fluoranthene	15.01	252	2152855	78.13	ng	# 86
88) Benzo(k)fluoranthene	15.01	252	2156943	77.90	ng	# 87
89) Benzo(a)pyrene	15.32	252	960651	37.16	ng	# 91
90) Dibenzo(a,h)anthracene	16.77	278	888750	35.81	ng	# 83
91) Benzo(g,h,i)perylene	17.17	276	816532	33.92	ng	# 79

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

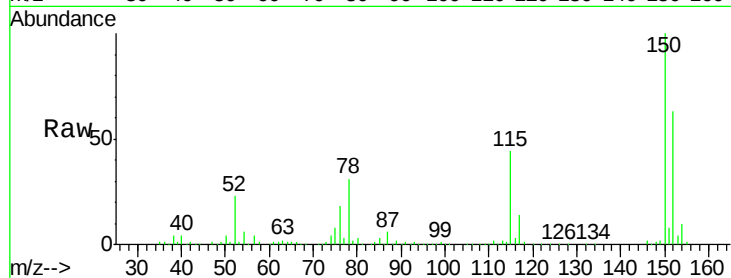


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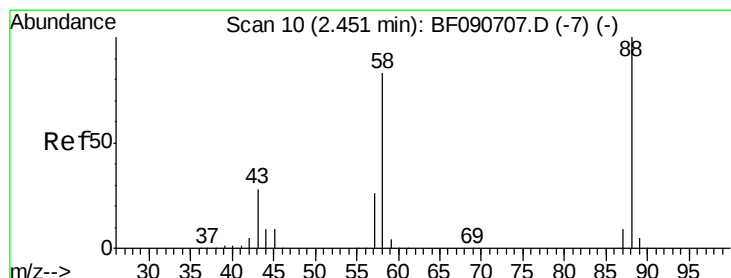
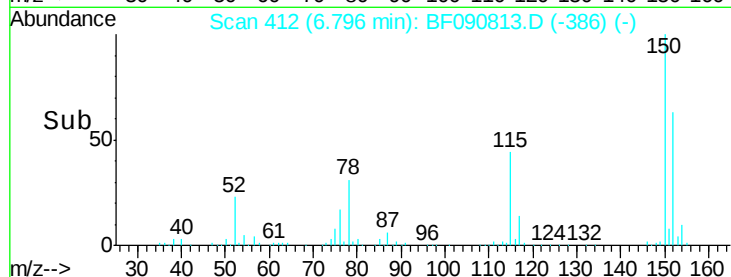
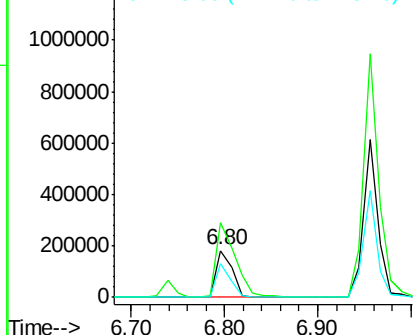
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 222491
Ion Ratio Lower Upper
152 100
150 159.7 124.7 187.1
115 70.8 39.0 58.4#



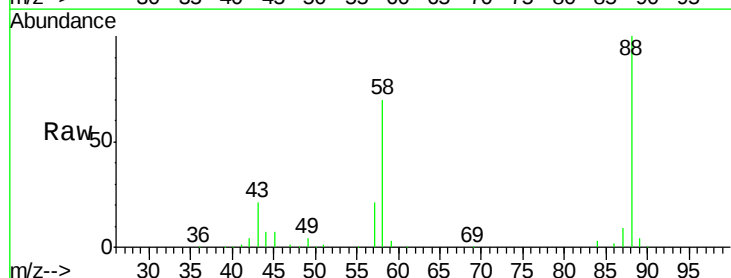
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



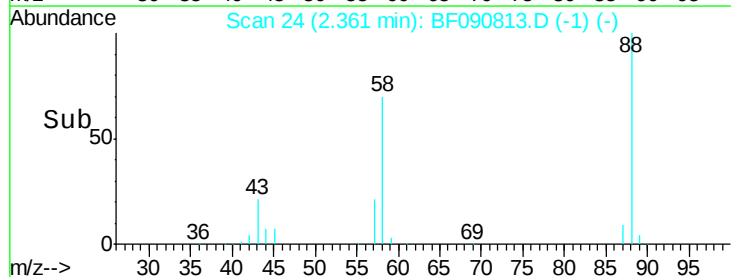
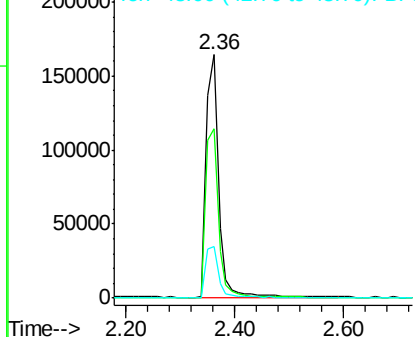
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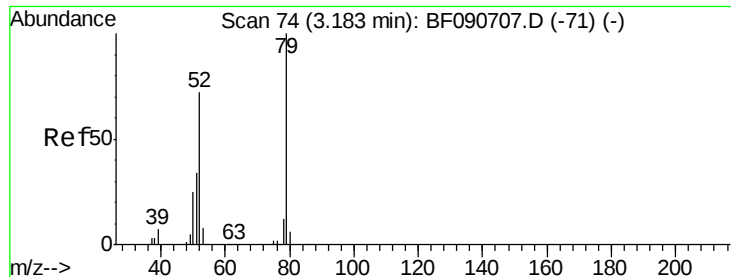
1,4-Dioxane
Concen: 32.77 ng
RT: 2.36 min Scan# 24
Delta R.T. 0.01 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion: 88 Resp: 261630
Ion Ratio Lower Upper
88 100
58 74.3 77.7 116.5#
43 22.5 26.6 40.0#



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: 37.86 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

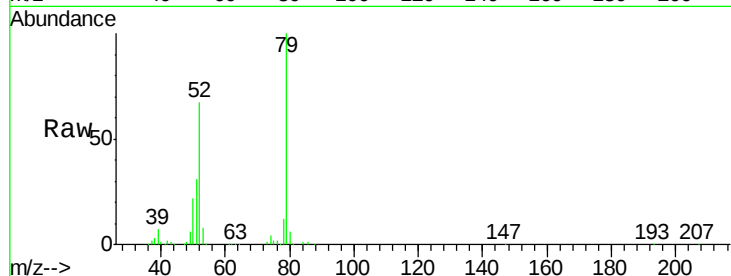
Tgt Ion: 79 Resp: 708178

Ion Ratio Lower Upper

79 100

52 66.9 76.8 115.2#

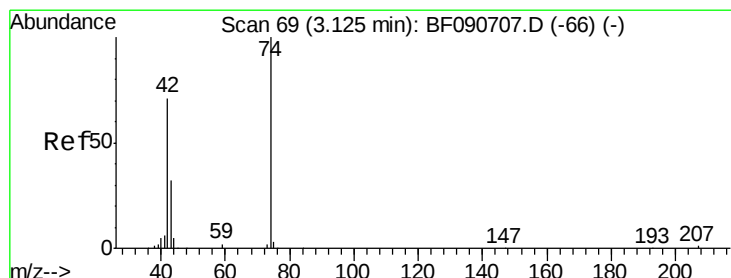
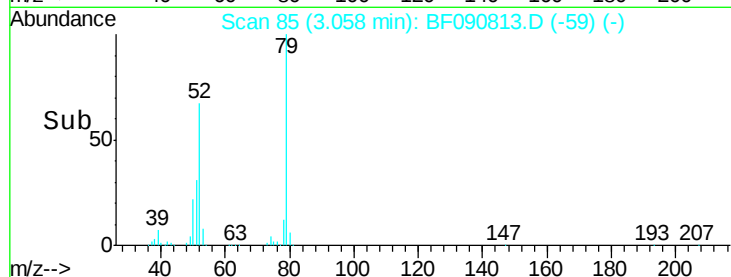
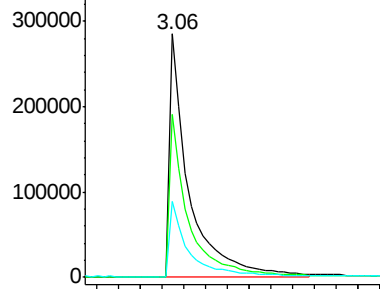
51 31.0 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.84 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

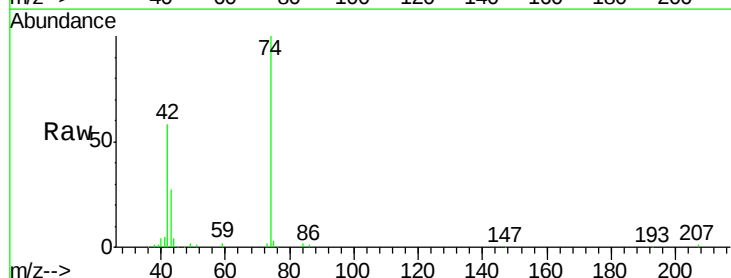
Tgt Ion: 42 Resp: 222999

Ion Ratio Lower Upper

42 100

74 171.1 105.0 157.6#

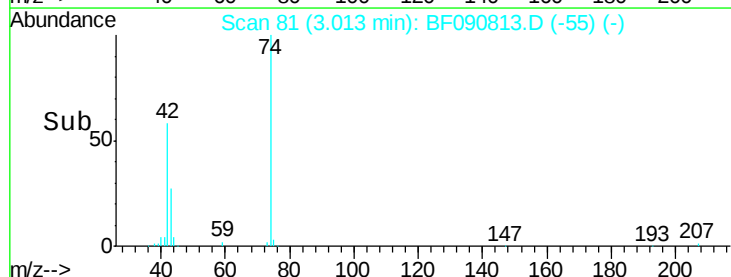
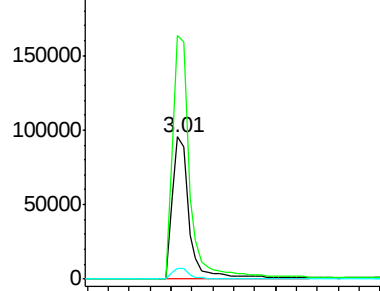
44 7.5 6.6 10.0

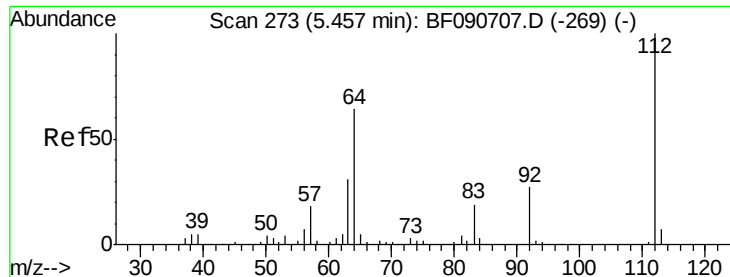


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 70.35 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

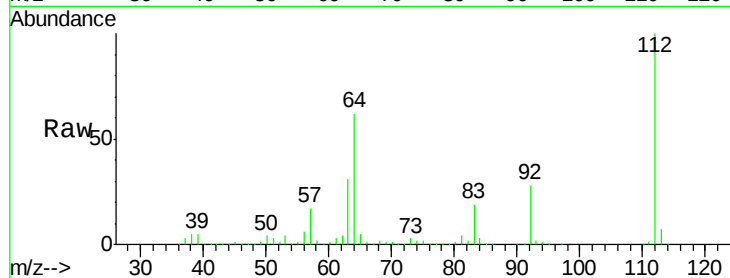
Tgt Ion: 112 Resp: 970532

Ion Ratio Lower Upper

112 100

64 62.4 39.7 59.5#

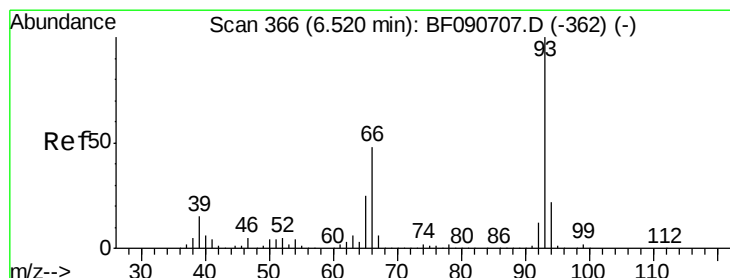
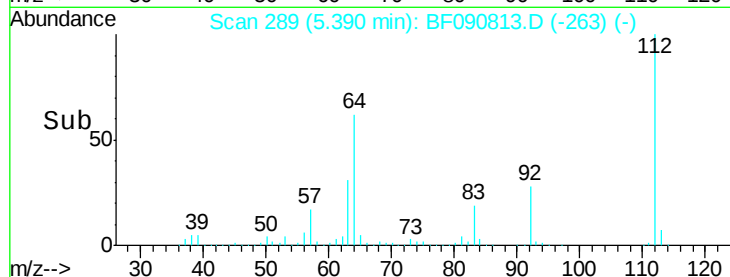
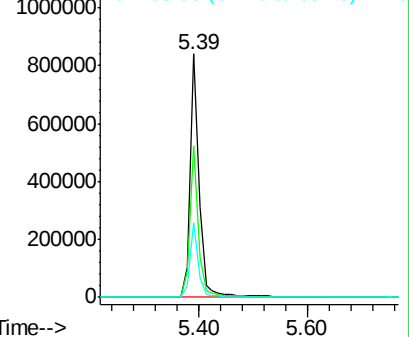
63 30.7 17.4 26.0#



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: 35.24 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

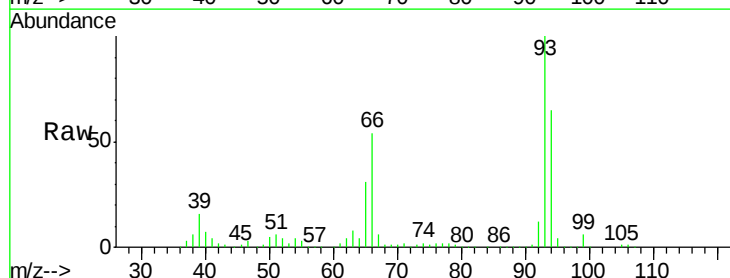
Tgt Ion: 93 Resp: 746525

Ion Ratio Lower Upper

93 100

66 54.3 27.2 40.8#

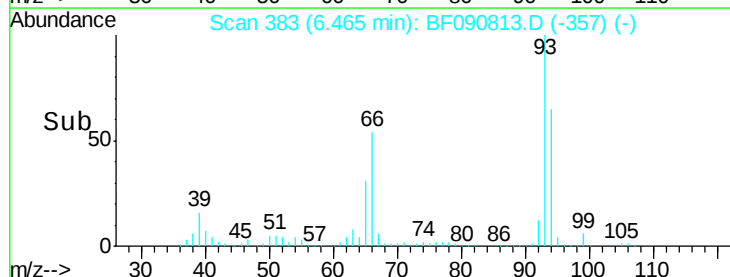
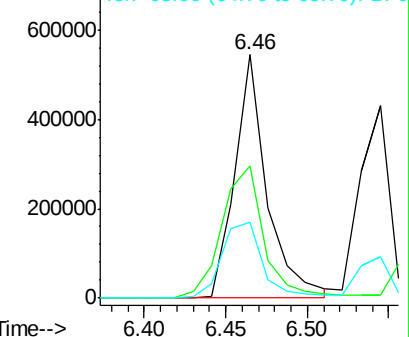
65 31.2 14.7 22.1#

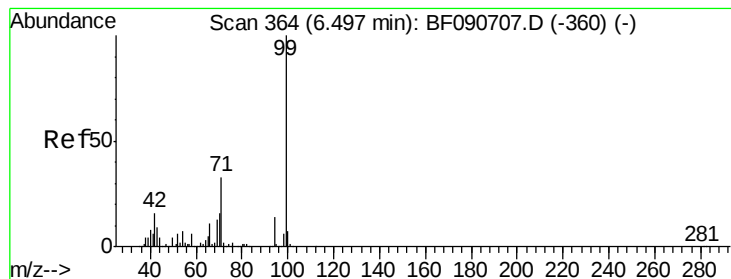


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 67.76 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

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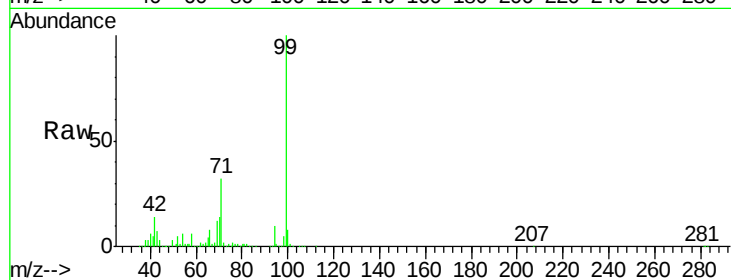
Tgt Ion: 99 Resp: 1266224

Ion Ratio Lower Upper

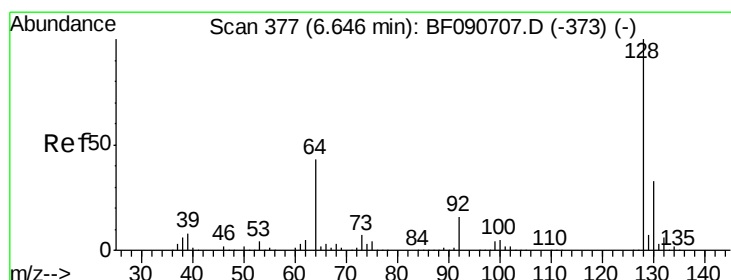
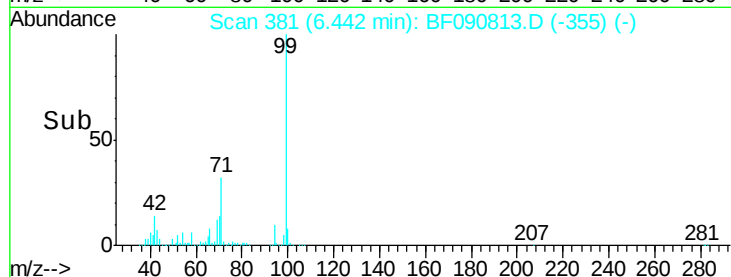
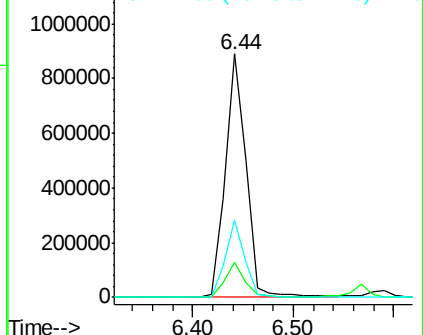
99 100

42 14.1 13.7 20.5

71 31.7 14.2 21.2#



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: 34.98 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

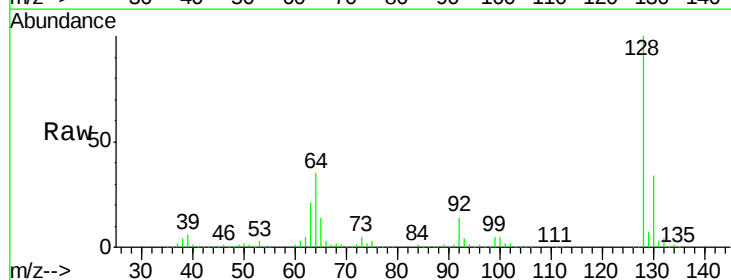
Tgt Ion: 128 Resp: 579253

Ion Ratio Lower Upper

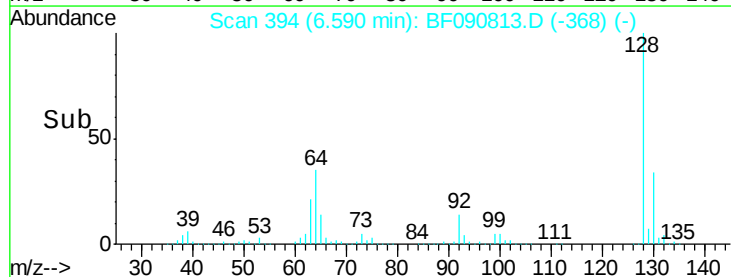
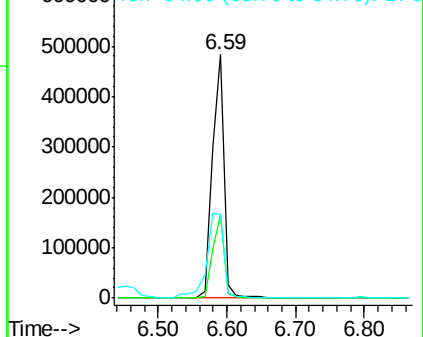
128 100

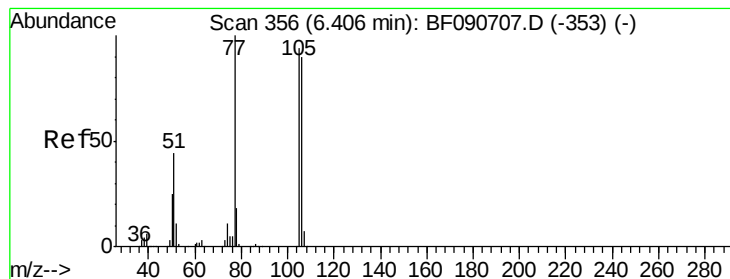
130 34.2 12.2 52.2

64 34.5 20.5 60.5



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: 31.49 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

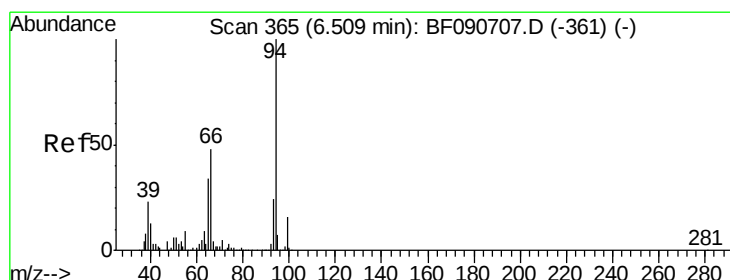
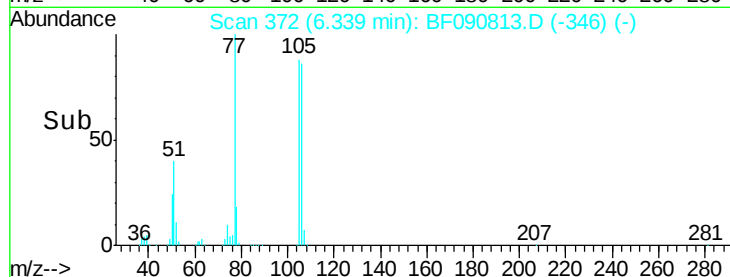
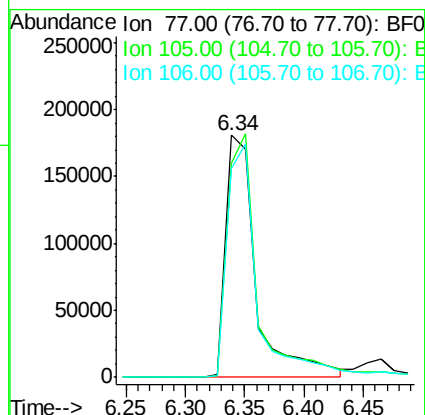
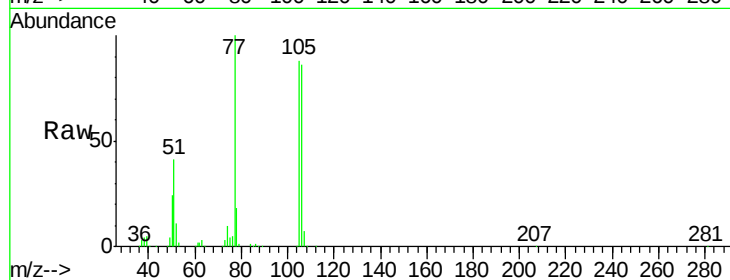
Tgt Ion: 77 Resp: 321739

Ion Ratio Lower Upper

77 100

105 88.4 91.6 131.6#

106 86.1 102.6 142.6#



#10

Phenol

Concen: 30.67 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

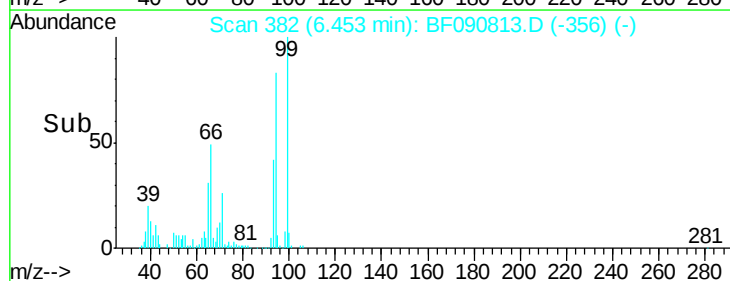
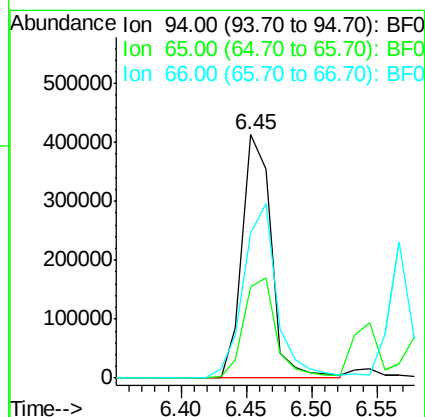
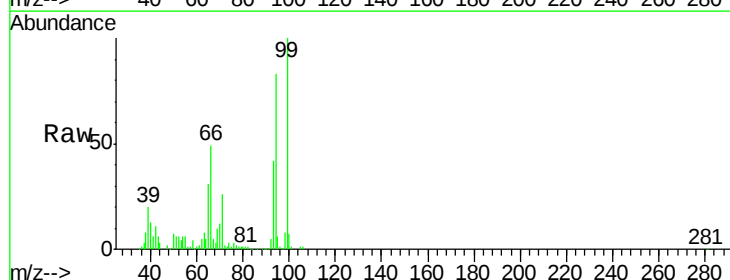
Tgt Ion: 94 Resp: 644181

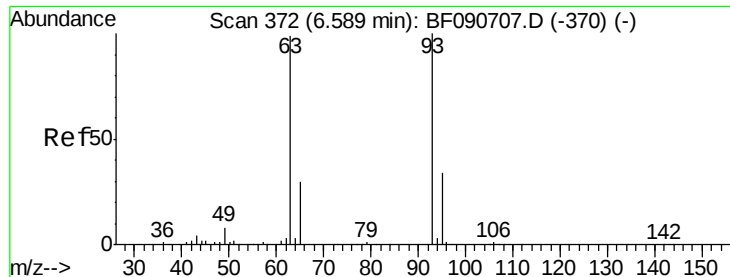
Ion Ratio Lower Upper

94 100

65 37.4 0.7 40.7

66 59.4 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 33.70 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

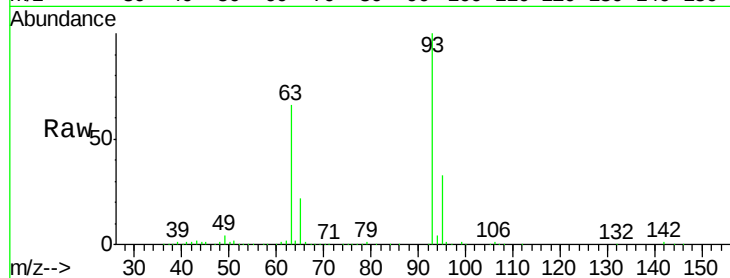
Tgt Ion: 93 Resp: 594862

Ion Ratio Lower Upper

93 100

63 66.4 65.6 105.6

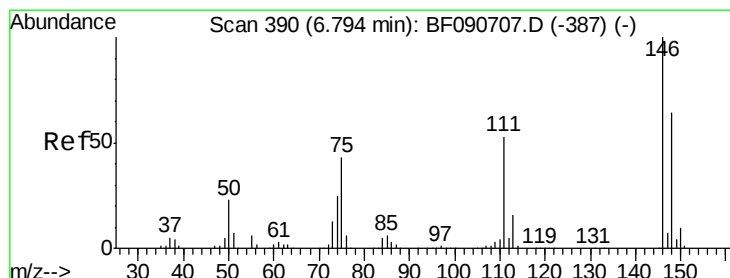
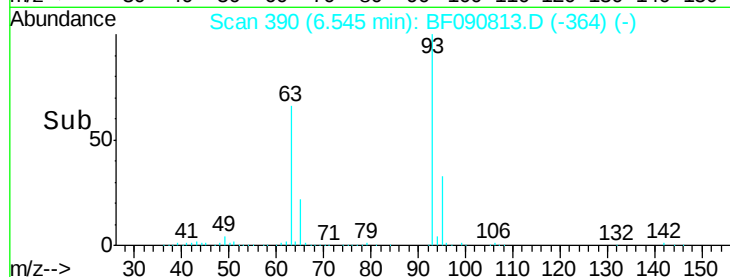
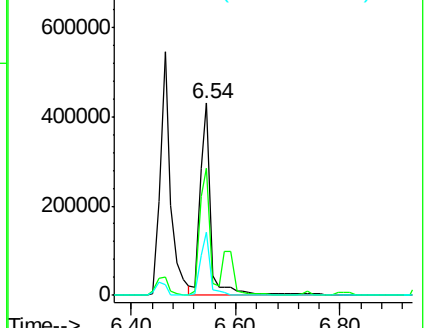
95 33.1 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.60 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

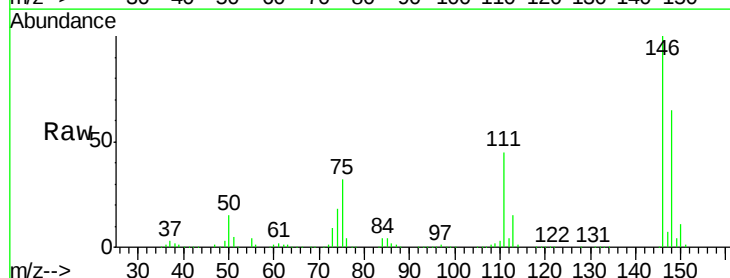
Tgt Ion: 146 Resp: 625504

Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.4

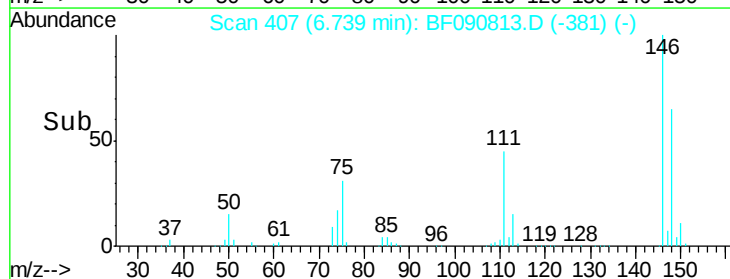
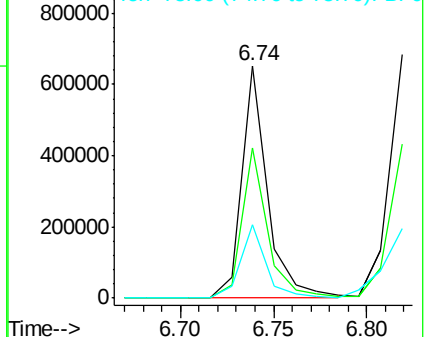
75 31.7 15.0 22.6#

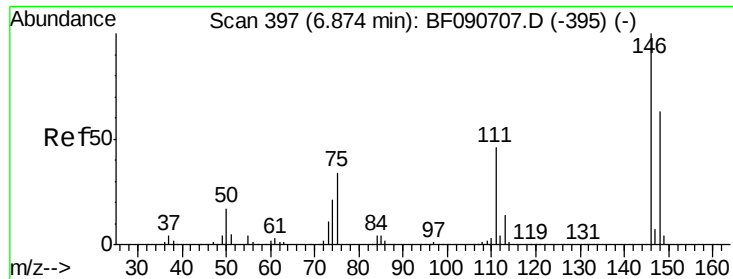


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

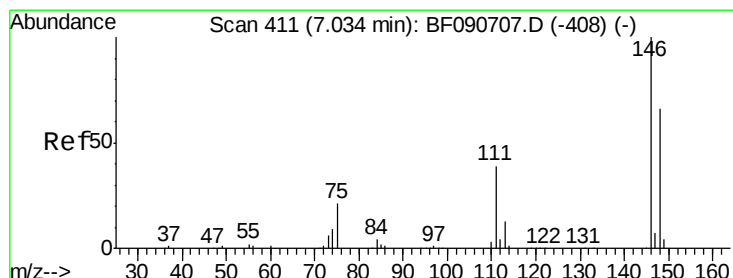
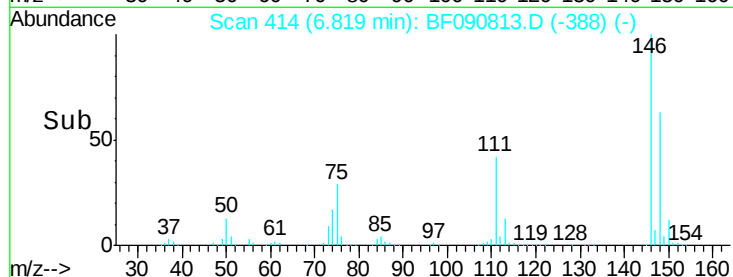
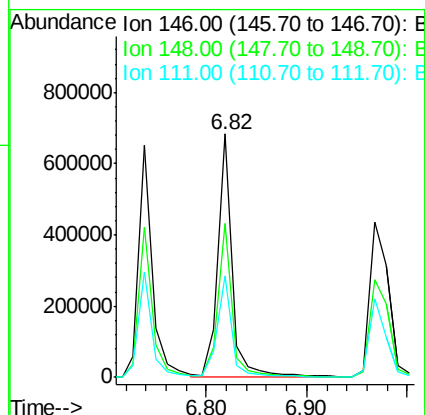
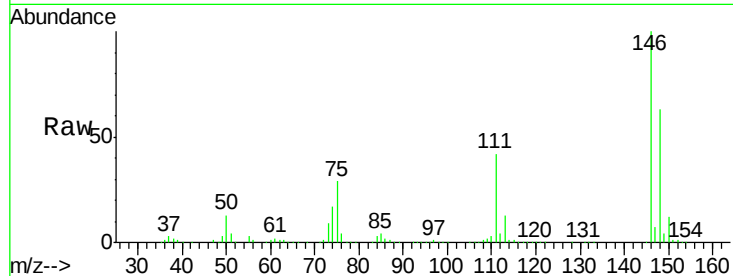




#13
 1,4-Dichlorobenzene
 Concen: 38.58 ng
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

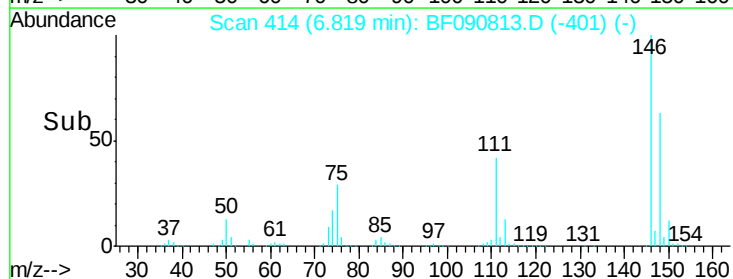
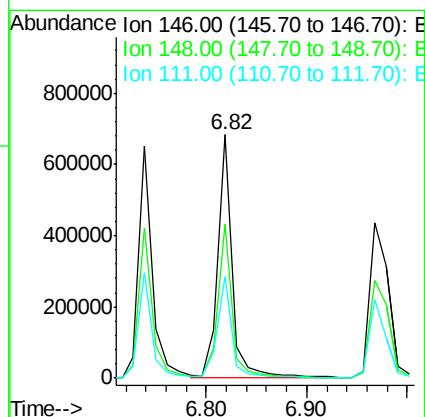
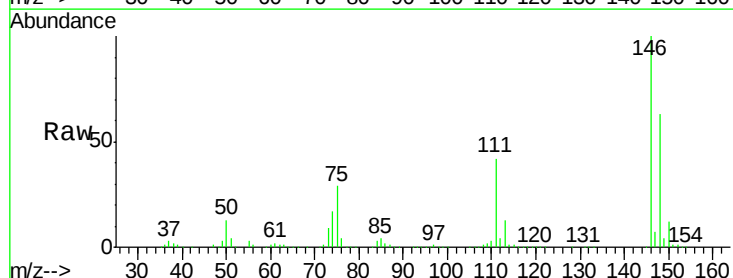
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:146 Resp: 680667
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.8 77.6
 111 41.9 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 39.74 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.15 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion:146 Resp: 686382
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.7 79.1
 111 41.9 28.8 43.2





#15

Benzyl Alcohol

Concen: 35.44 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

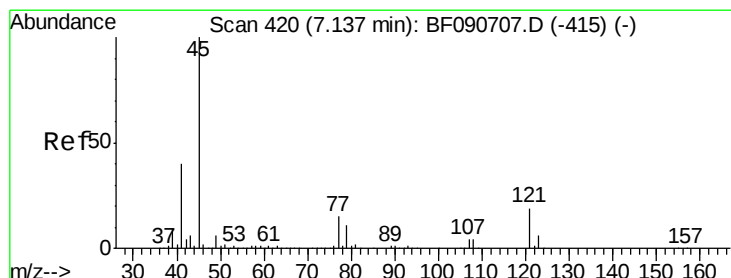
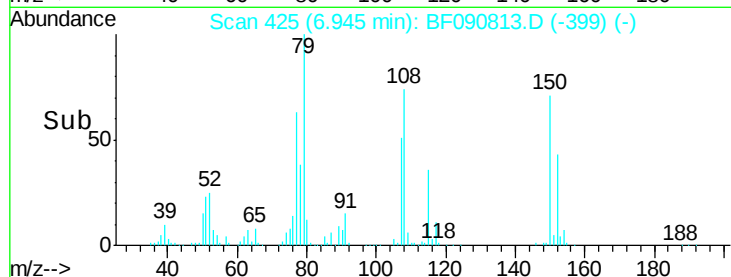
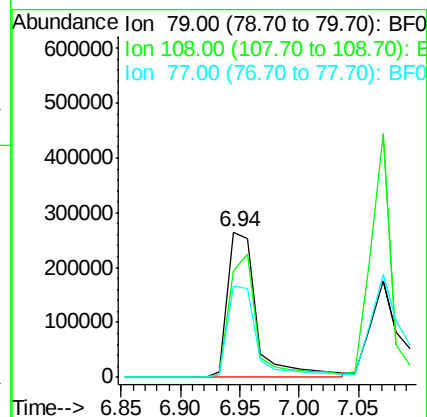
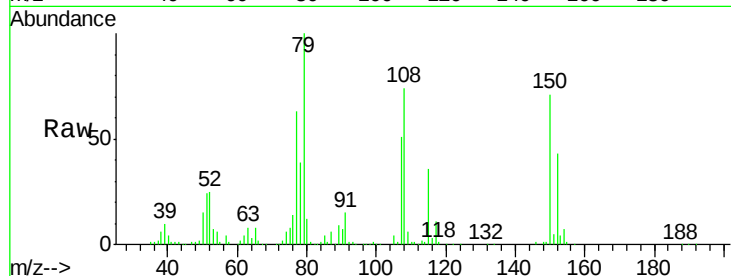
Tgt Ion: 79 Resp: 449788

Ion Ratio Lower Upper

79 100

108 73.7 88.6 132.8#

77 63.3 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.95 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

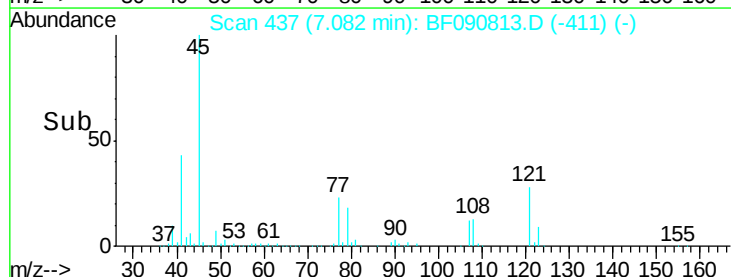
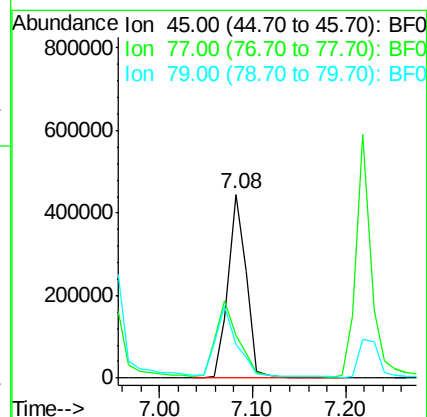
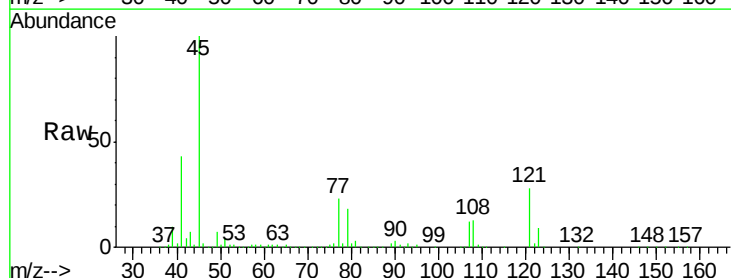
Tgt Ion: 45 Resp: 606717

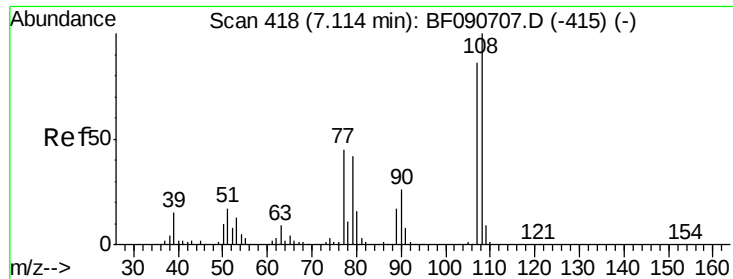
Ion Ratio Lower Upper

45 100

77 23.1 0.0 28.1

79 18.4 0.0 26.0

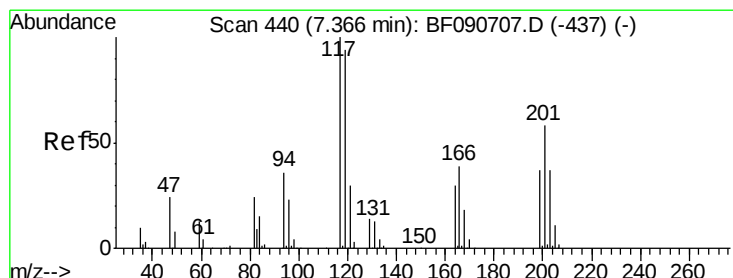
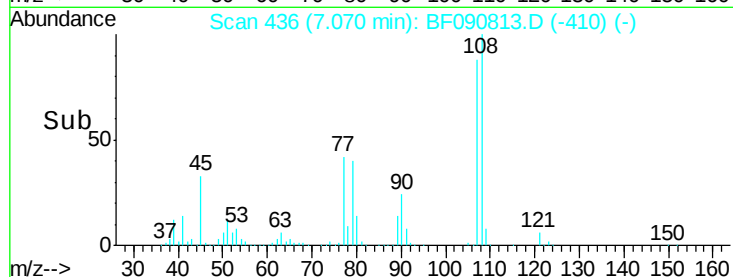
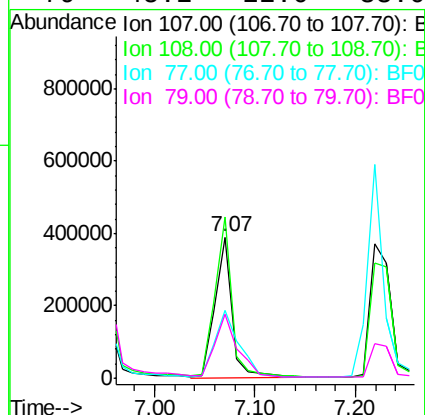
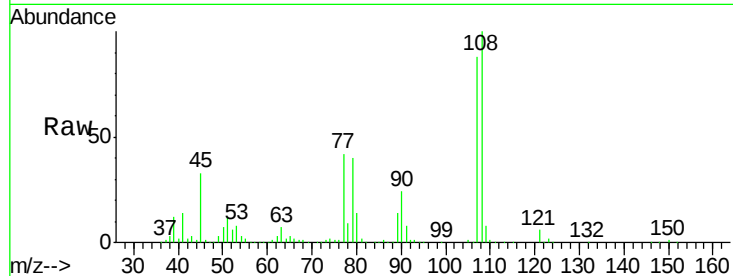




#17
2-Methylphenol
Concen: 37.12 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

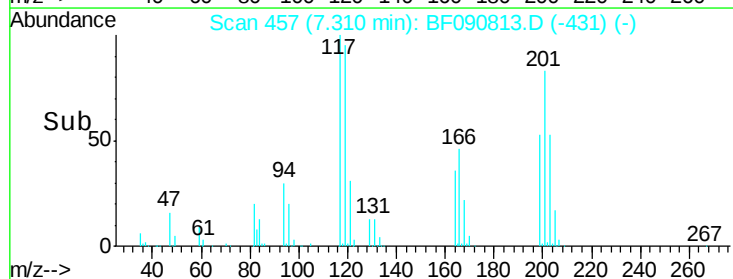
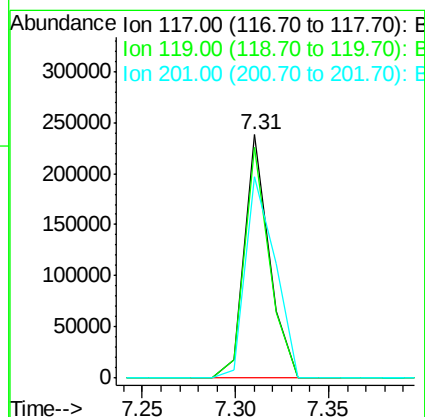
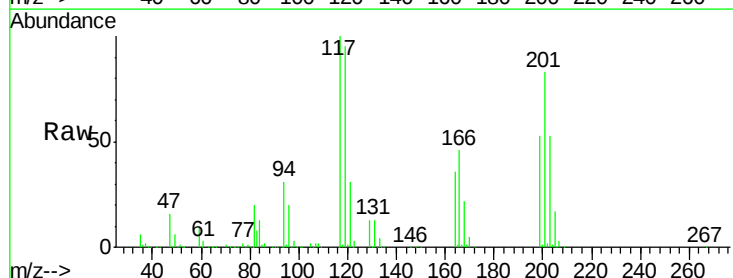
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

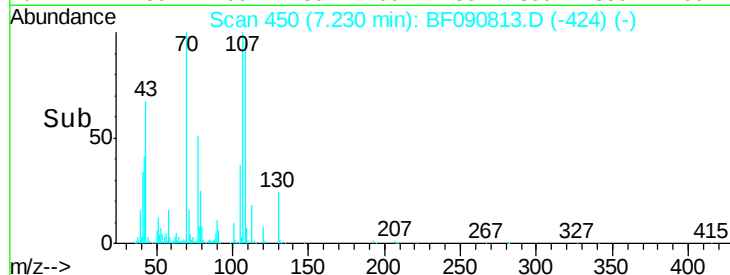
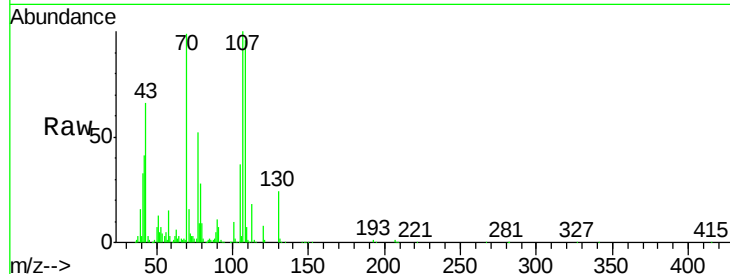
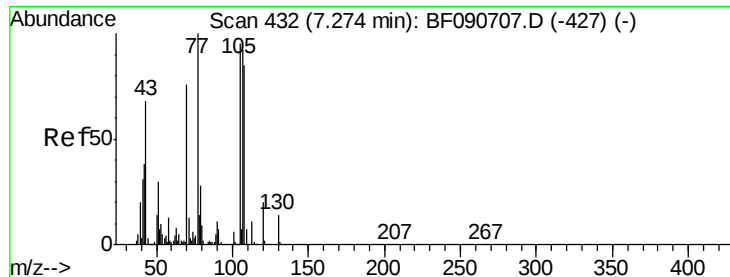
Tgt Ion:107 Resp: 463132
Ion Ratio Lower Upper
107 100
108 113.9 96.6 145.0
77 47.9 23.3 34.9#
79 45.2 22.0 33.0#



#18
Hexachloroethane
Concen: 30.85 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion:117 Resp: 220980
Ion Ratio Lower Upper
117 100
119 95.1 83.8 125.6
201 82.7 55.1 82.7#

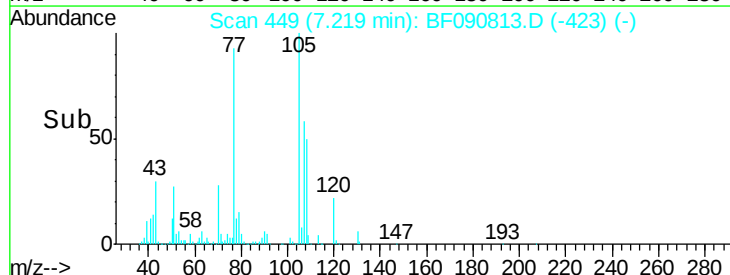
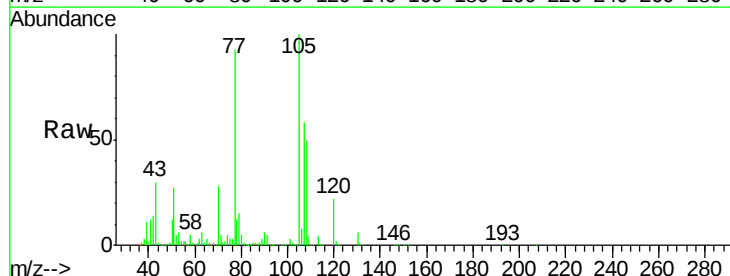
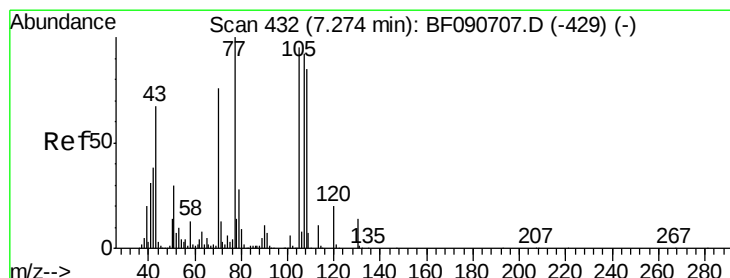
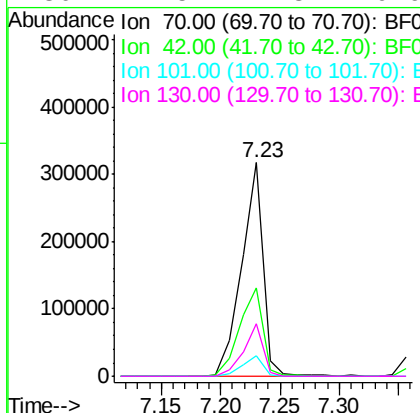




#19
n-Nitroso-di-n-propylamine
Concen: 28.95 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

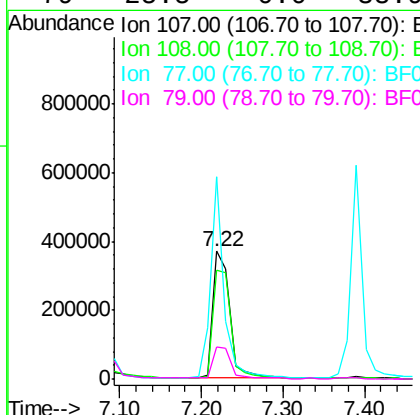
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

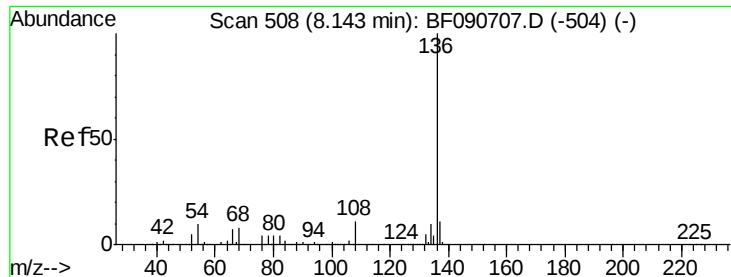
Tgt Ion:	70	Resp:	402815
Ion	Ratio	Lower	Upper
70	100		
42	41.6	63.8	95.6#
101	9.9	9.2	13.8
130	24.5	27.3	40.9#



#20
3+4-Methylphenols
Concen: 35.97 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion:	107	Resp:	532018
Ion	Ratio	Lower	Upper
107	100		
108	85.5	74.6	114.6
77	159.1	0.7	40.7#
79	25.5	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 908568

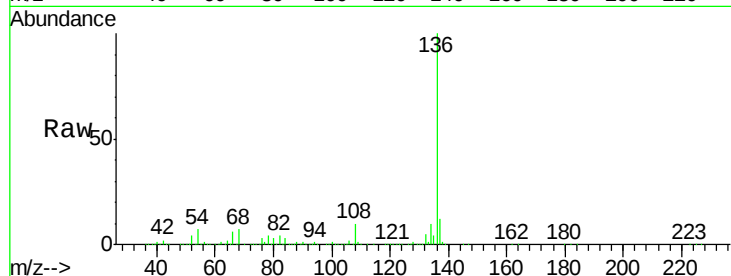
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.6

54 7.4 8.2 12.2#

68 6.9 5.8 8.6

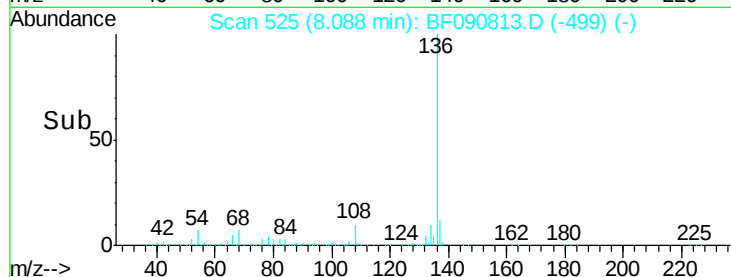


Abundance Ion 136.00 (135.70 to 136.70): E

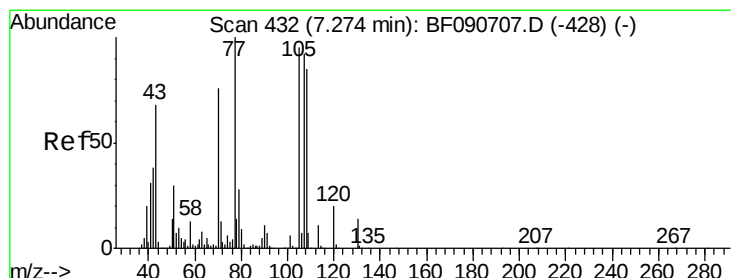
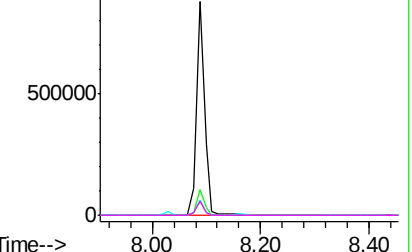
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 35.25 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Tgt Ion:105 Resp: 713703

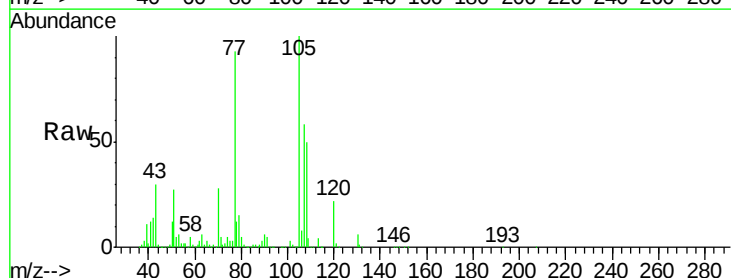
Ion Ratio Lower Upper

105 100

71 4.8 4.7 7.1

51 27.4 22.0 33.0

120 22.3 30.1 45.1#

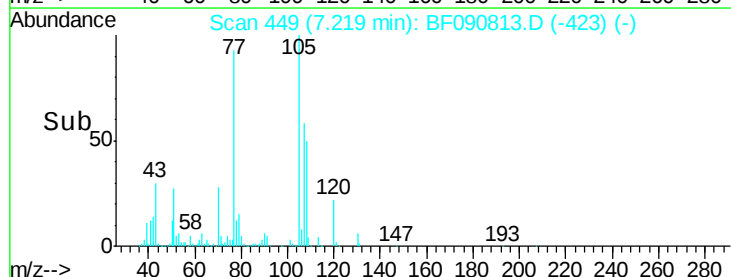


Abundance Ion 105.00 (104.70 to 105.70): E

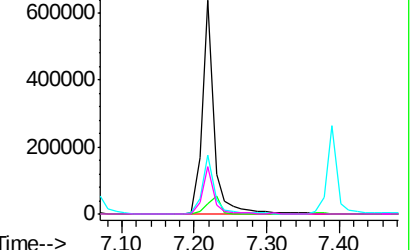
Ion 71.00 (70.70 to 71.70): BF0

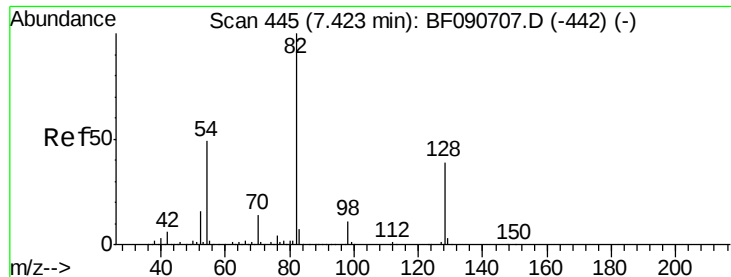
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

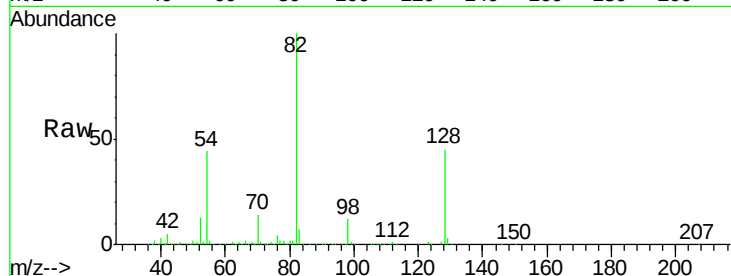




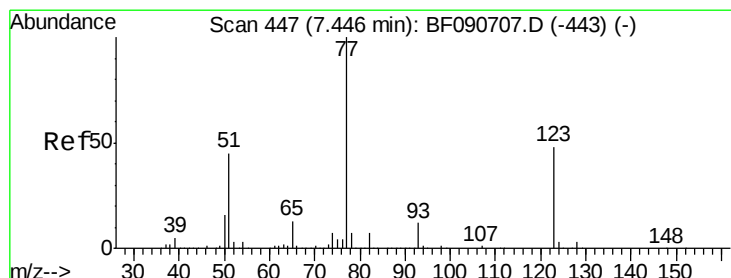
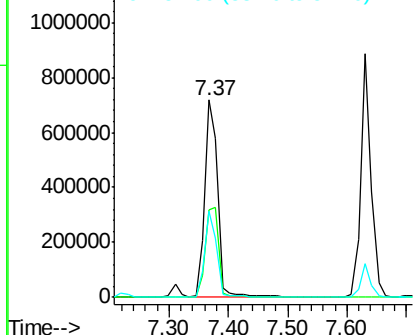
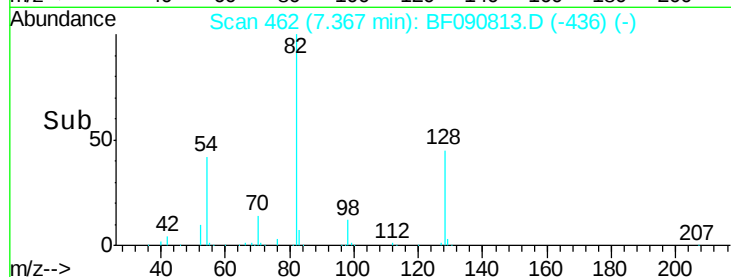
#23
 Nitrobenzene-d5
 Concen: 67.51 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 1118289
 Ion Ratio Lower Upper
 82 100
 128 44.5 51.0 76.6#
 54 44.0 47.5 71.3#

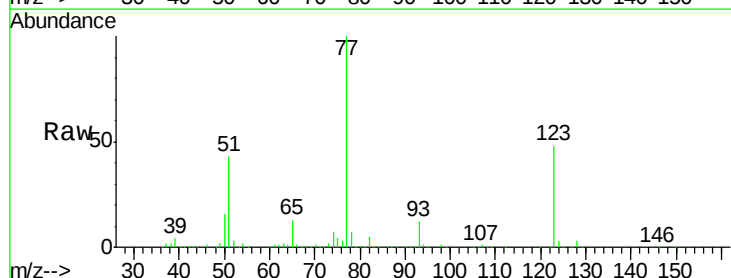


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

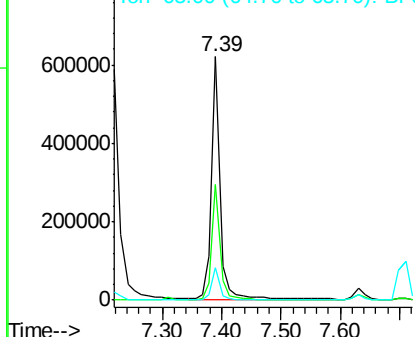
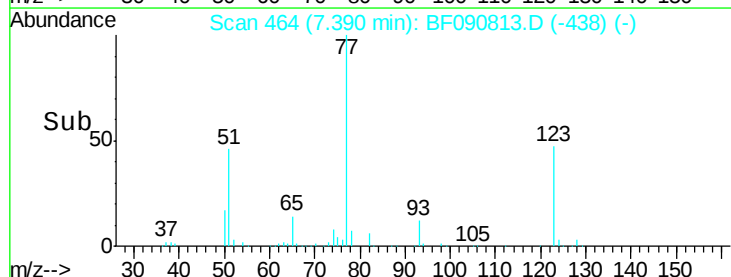


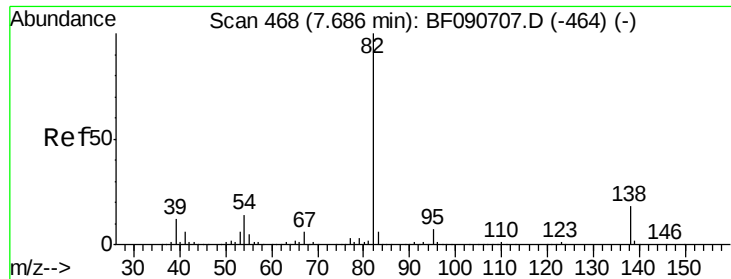
#24
 Nitrobenzene
 Concen: 34.34 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion: 77 Resp: 616725
 Ion Ratio Lower Upper
 77 100
 123 47.6 59.8 89.8#
 65 13.1 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 33.73 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

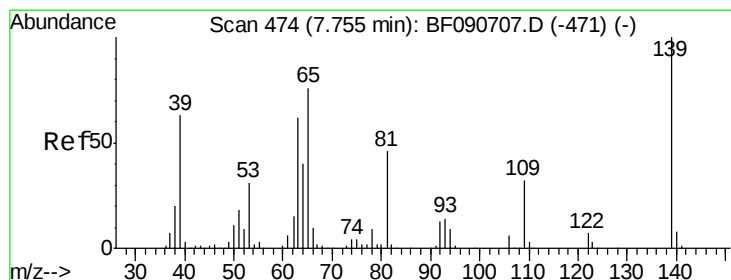
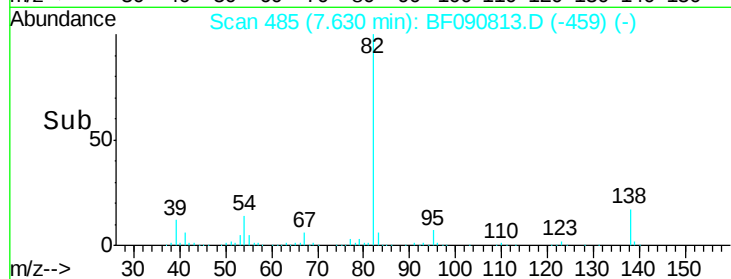
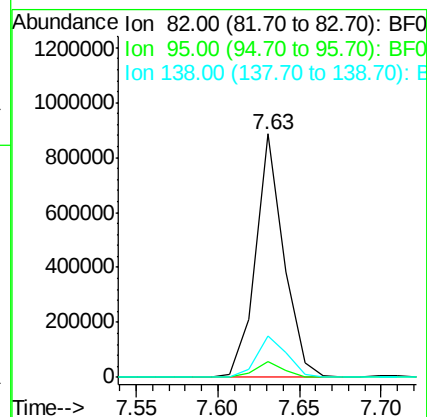
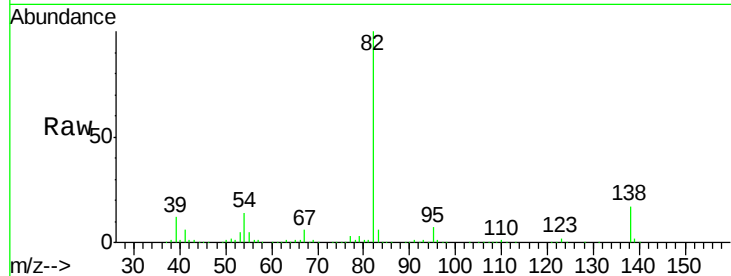
Tgt Ion: 82 Resp: 1057779

Ion Ratio Lower Upper

82 100

95 6.6 4.0 6.0#

138 16.9 18.3 27.5#



#26

2-Nitrophenol

Concen: 45.60 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

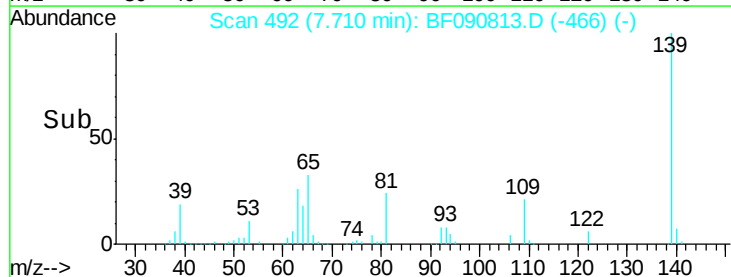
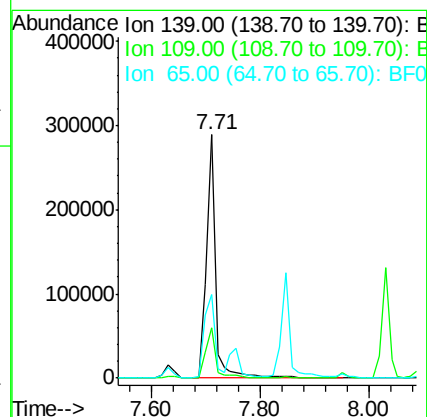
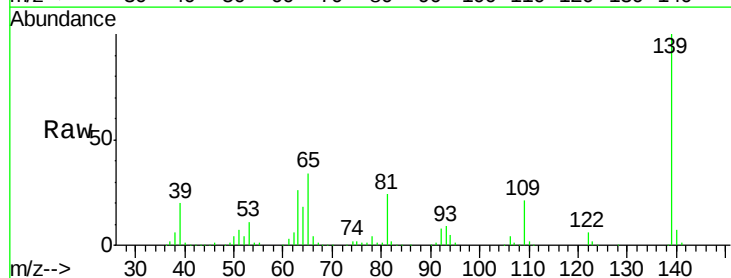
Tgt Ion: 139 Resp: 334549

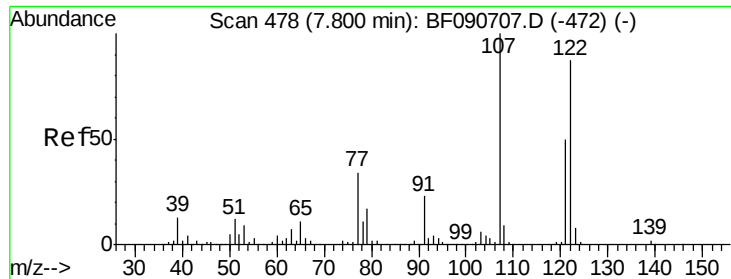
Ion Ratio Lower Upper

139 100

109 20.6 11.0 16.4#

65 34.2 24.7 37.1

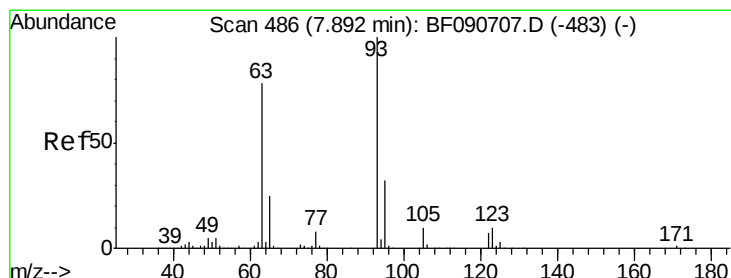
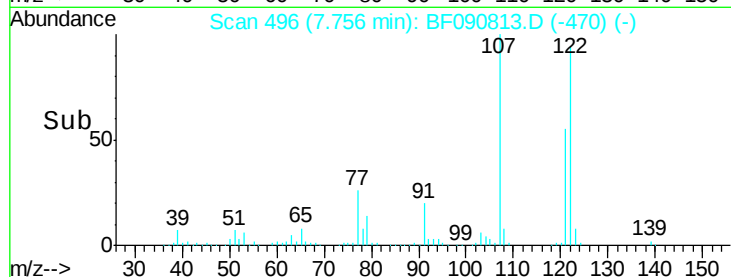
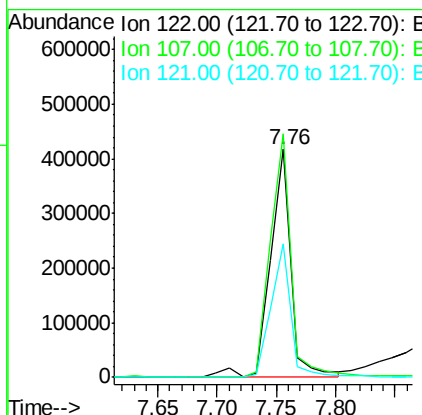
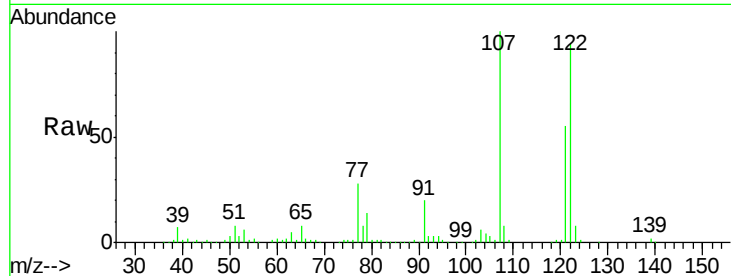




#27
 2,4-Dimethylphenol
 Concen: 39.19 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

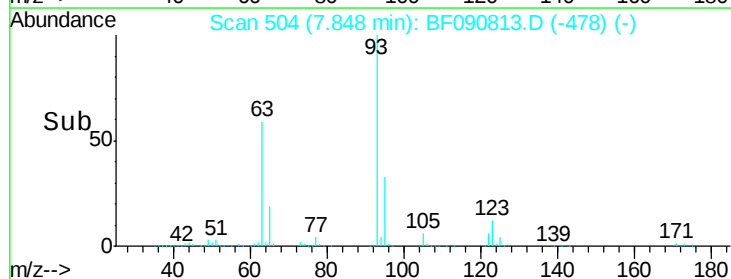
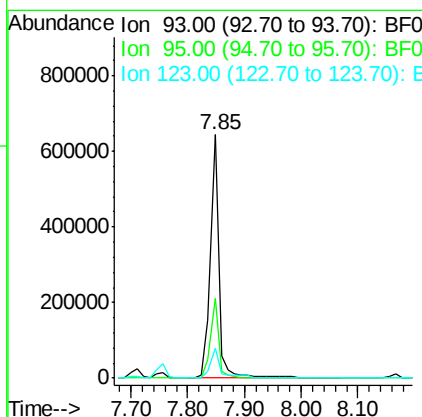
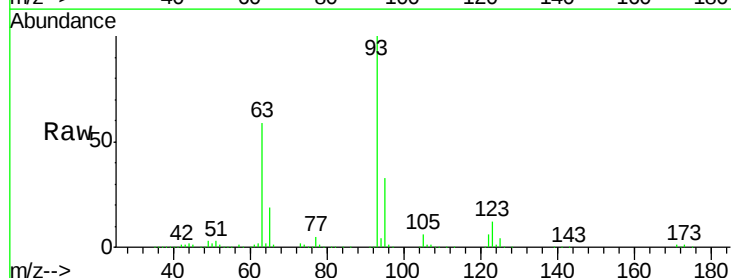
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

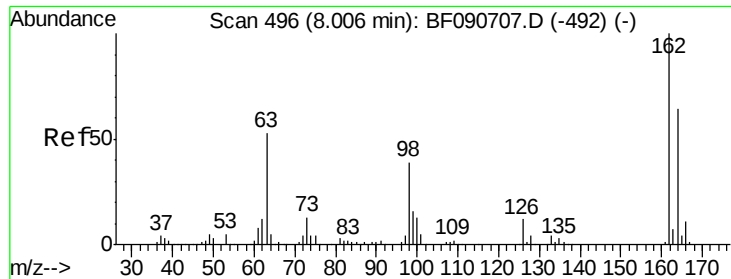
Tgt Ion: 122 Resp: 509761
 Ion Ratio Lower Upper
 122 100
 107 106.8 71.8 107.6
 121 58.4 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.28 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion: 93 Resp: 639616
 Ion Ratio Lower Upper
 93 100
 95 32.8 27.5 41.3
 123 12.2 13.7 20.5#

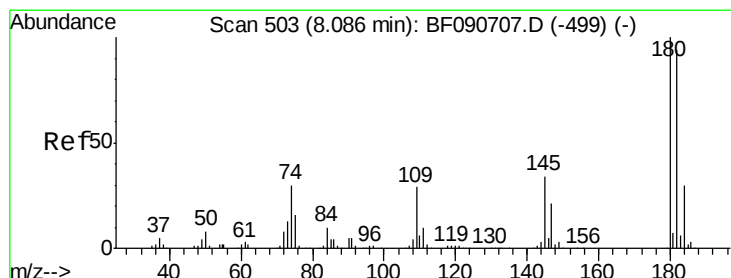
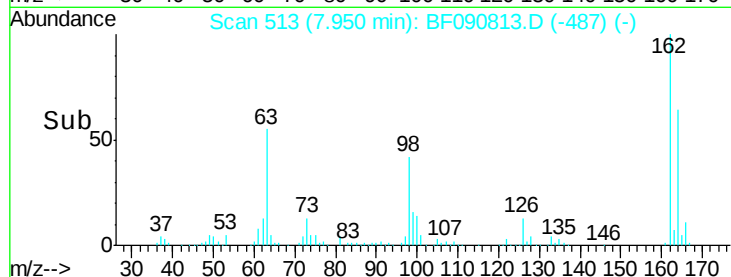
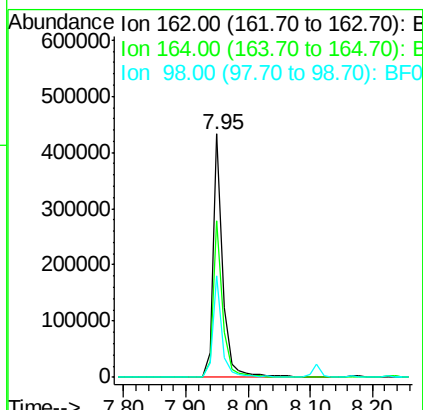
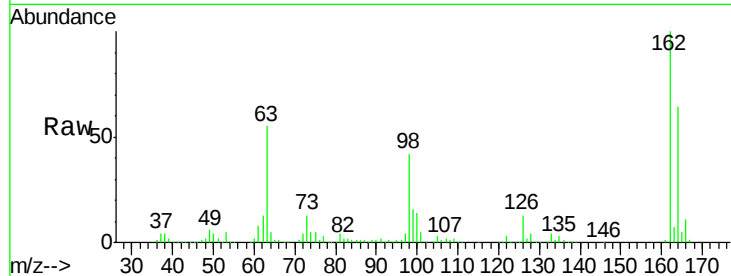




#29
 2,4-Dichlorophenol
 Concen: 42.92 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

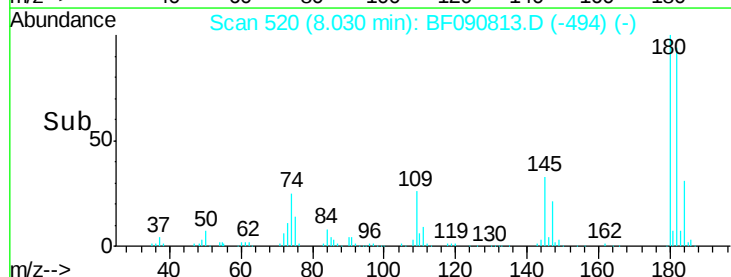
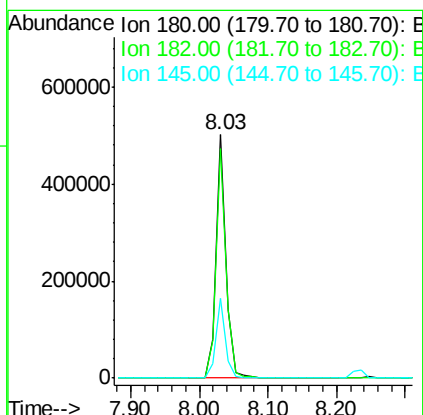
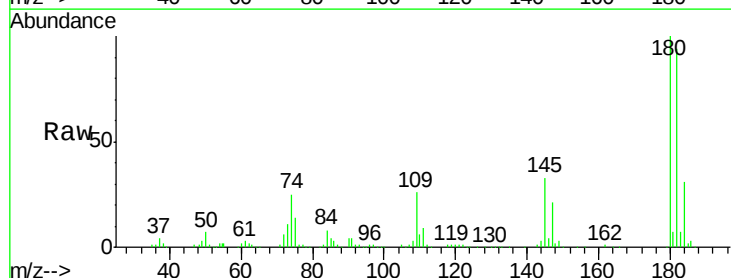
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

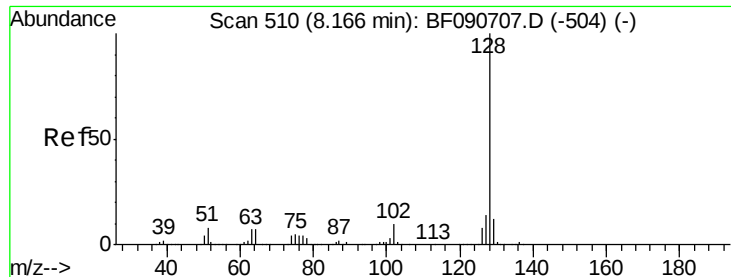
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.9	84.9
98	41.7	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.05 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.1	115.7
145	32.7	23.3	34.9

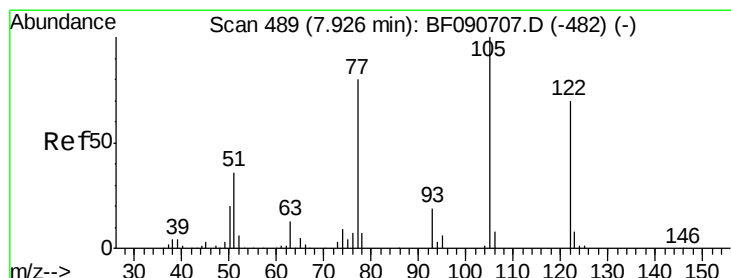
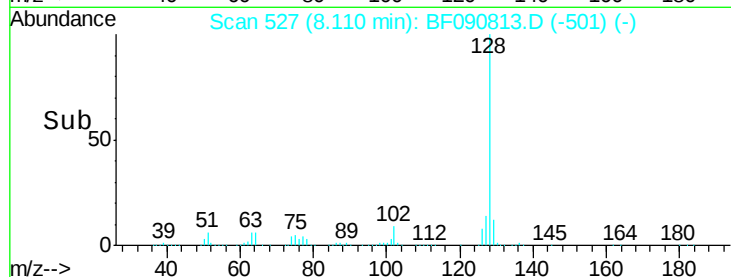
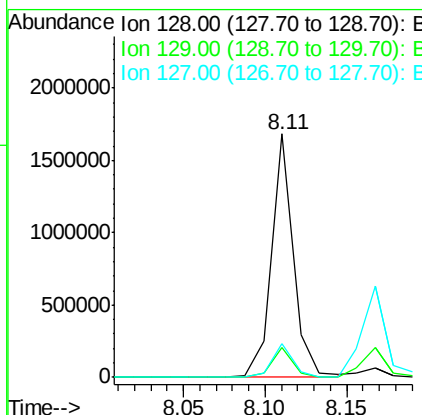
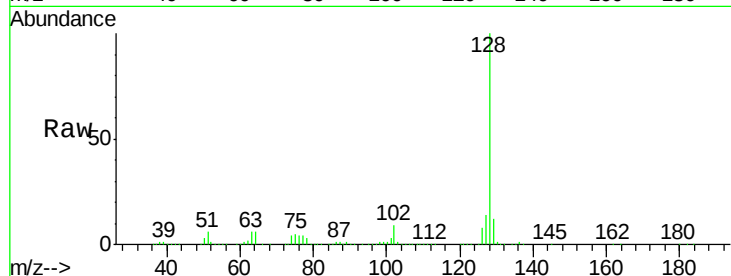




#31
Naphthalene
Concen: 35.37 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

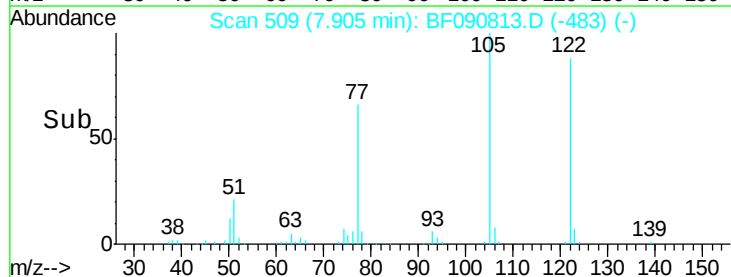
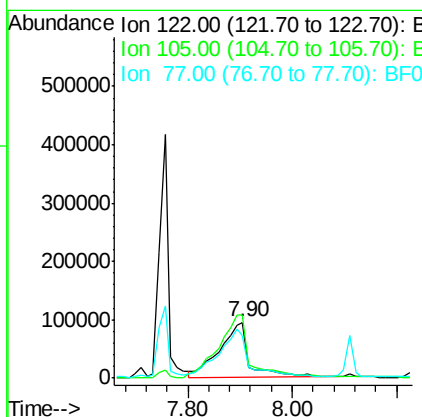
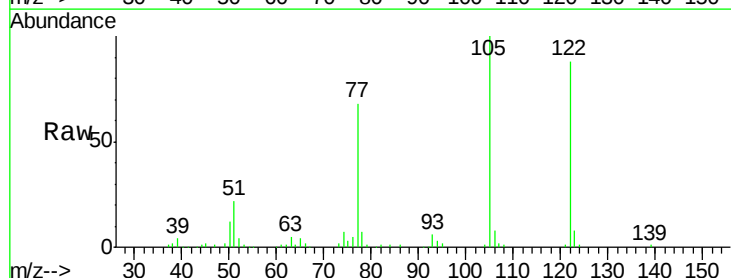
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

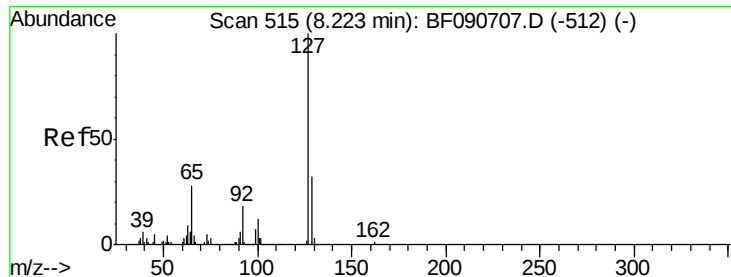
Tgt Ion:128 Resp: 1571775
Ion Ratio Lower Upper
128 100
129 12.0 8.4 12.6
127 13.8 9.9 14.9



#32
Benzoic acid
Concen: 42.16 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion:122 Resp: 376593
Ion Ratio Lower Upper
122 100
105 114.0 76.1 116.1
77 77.2 40.5 80.5

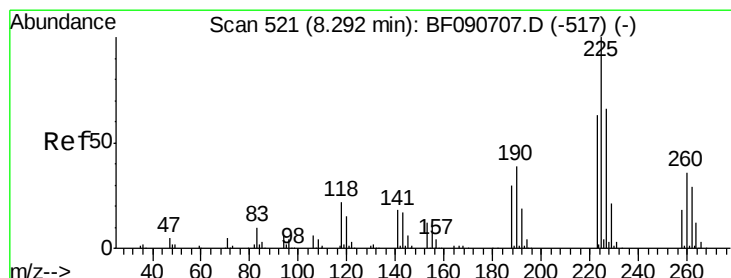
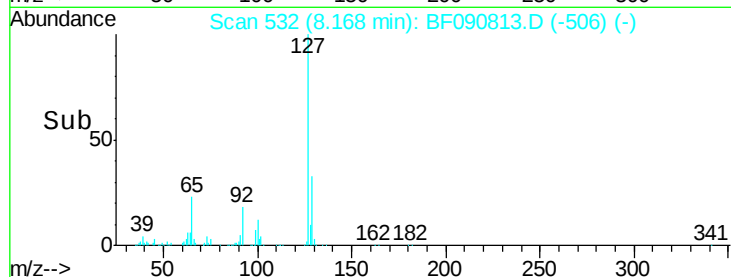
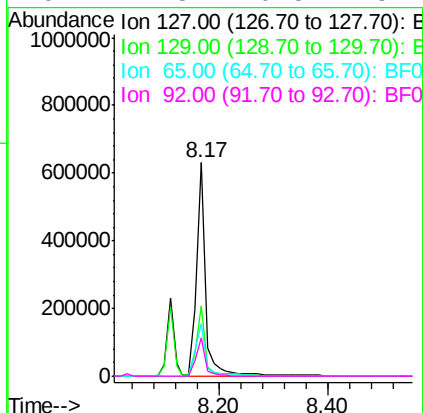
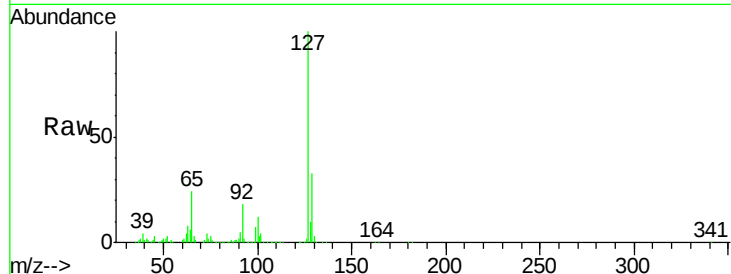




#33
4-Chloroaniline
Concen: 43.42 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

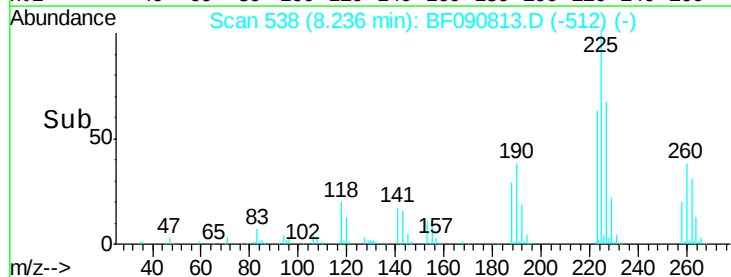
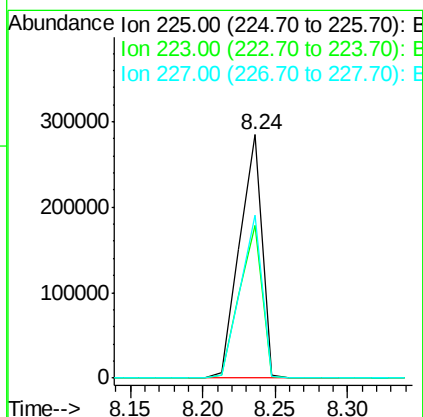
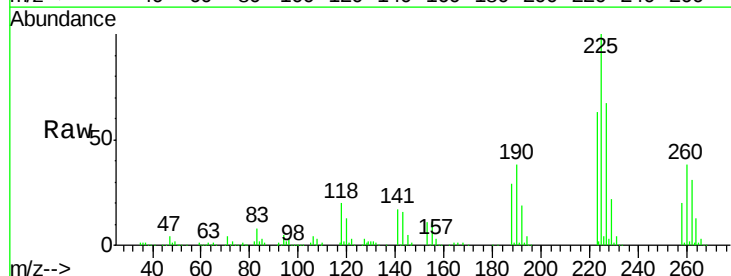
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

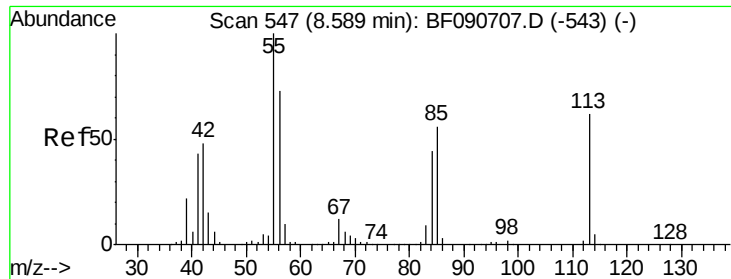
Tgt Ion:	127	Resp:	715699
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.8	38.6
65	24.4	17.9	26.9
92	17.8	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 43.20 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion:	225	Resp:	305207
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	67.0	52.2	78.2

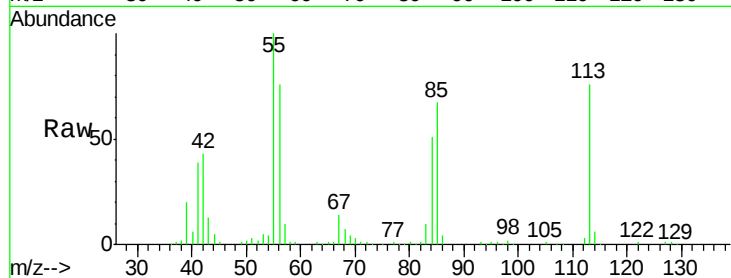




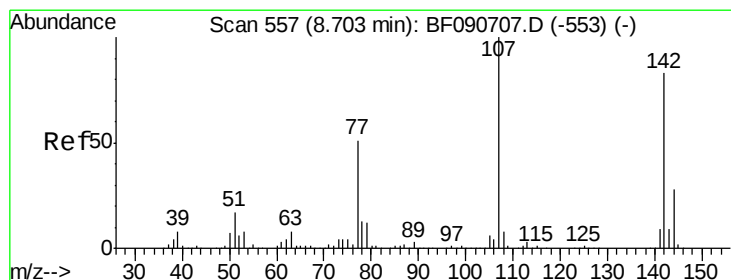
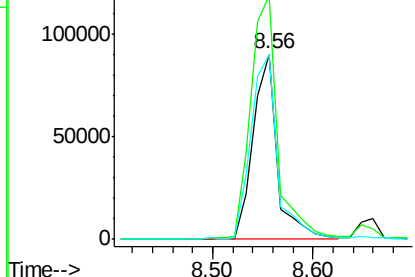
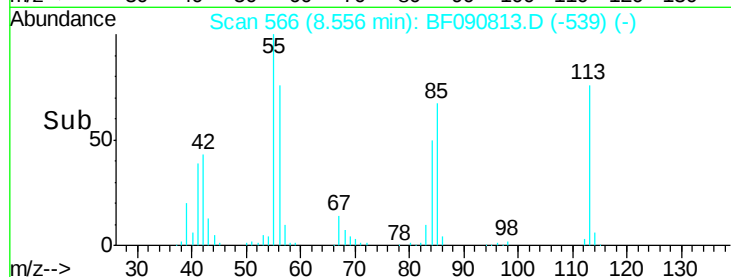
#35
 Caprolactam
 Concen: 49.55 ng
 RT: 8.56 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 151079
 Ion Ratio Lower Upper
 113 100
 55 131.4 152.4 192.4#
 56 99.6 104.6 144.6#

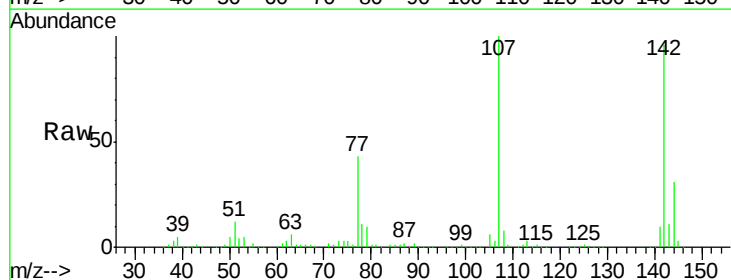


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

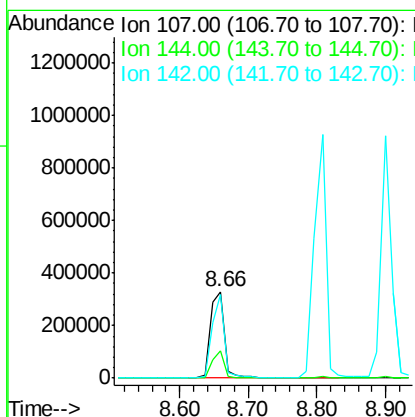
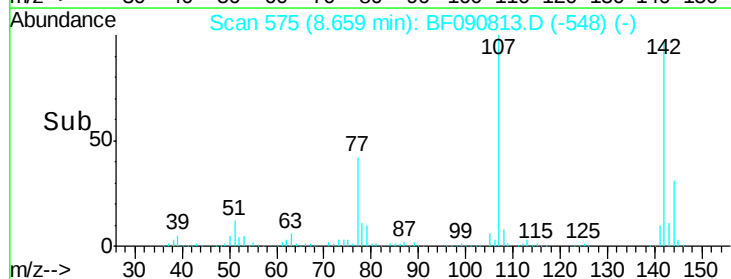


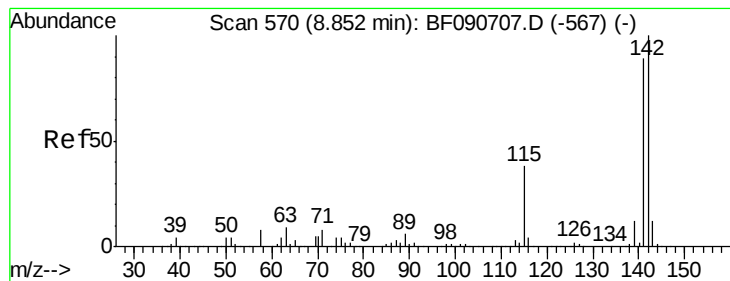
#36
 4-Chloro-3-methylphenol
 Concen: 38.78 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion:107 Resp: 481499
 Ion Ratio Lower Upper
 107 100
 144 31.3 25.4 38.0
 142 96.4 77.3 115.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.91 ng

RT: 8.81 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

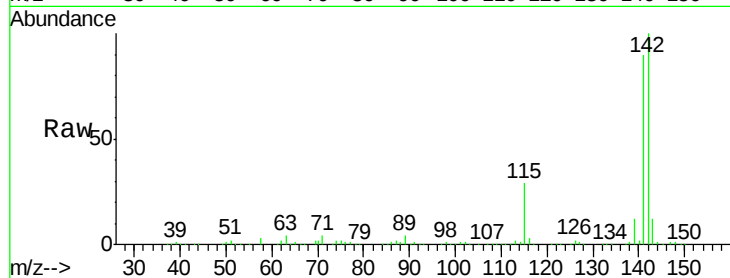
Tgt Ion:142 Resp: 1062610

Ion Ratio Lower Upper

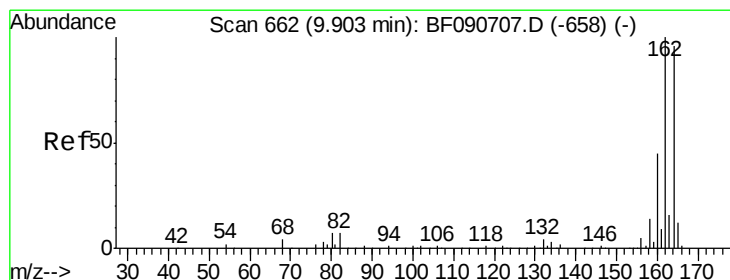
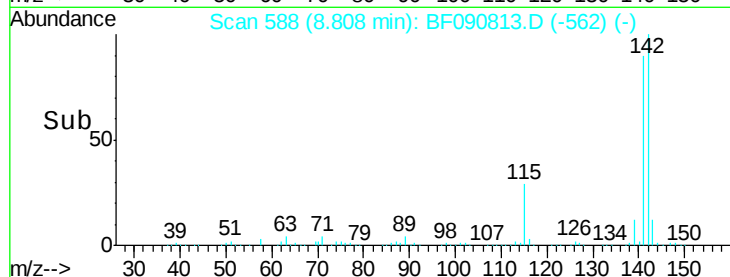
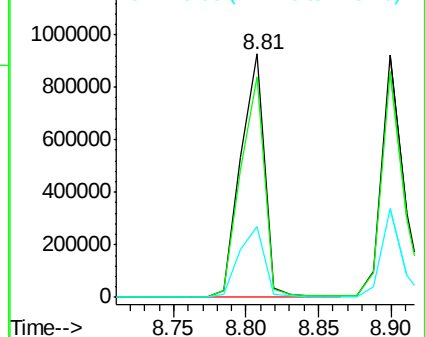
142 100

141 90.5 67.5 101.3

115 29.1 18.2 27.2#



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: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

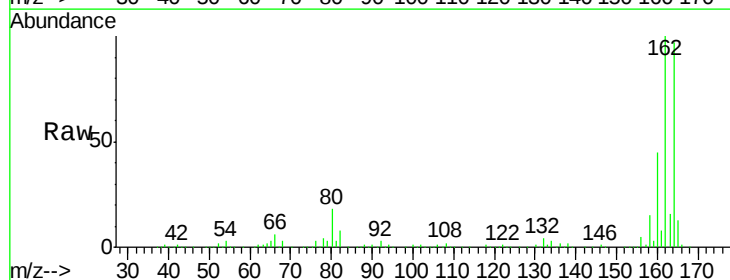
Tgt Ion:164 Resp: 516809

Ion Ratio Lower Upper

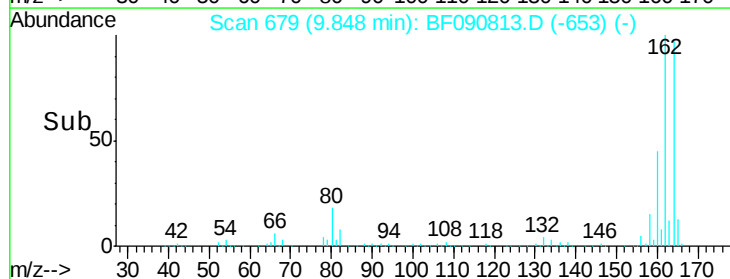
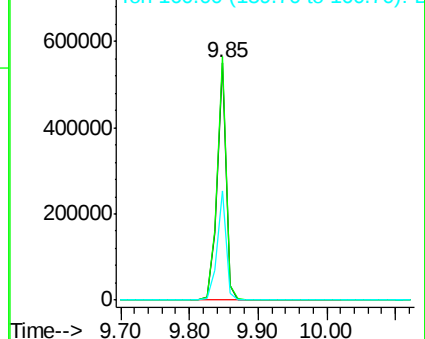
164 100

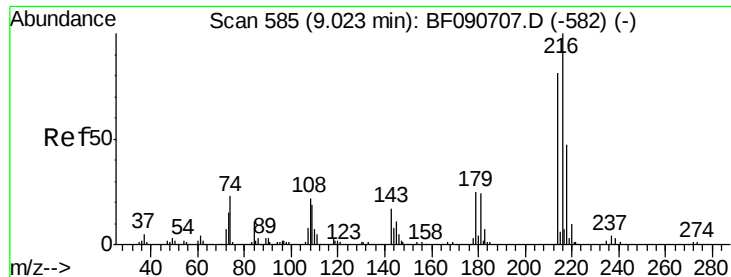
162 102.6 75.2 112.8

160 45.9 31.5 47.3



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

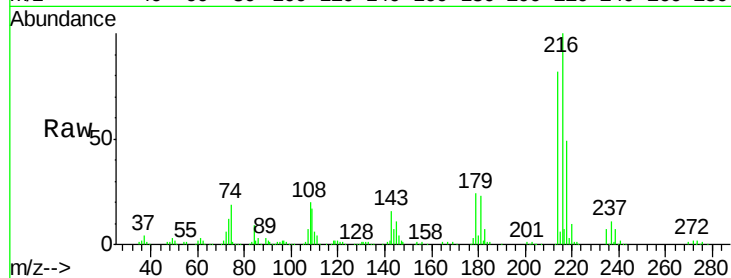




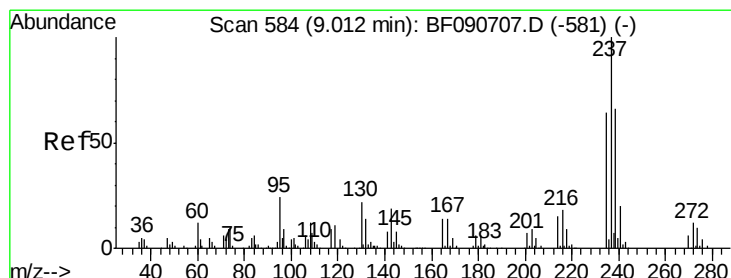
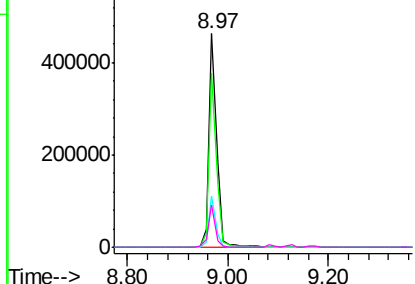
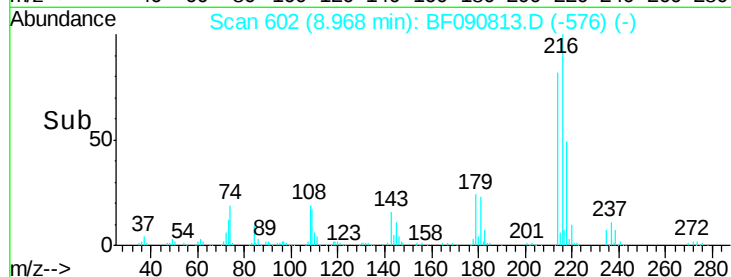
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.50 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	216	Resp:	495340
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.5	95.3
179	21.8	16.6	24.8
108	17.7	16.3	24.5

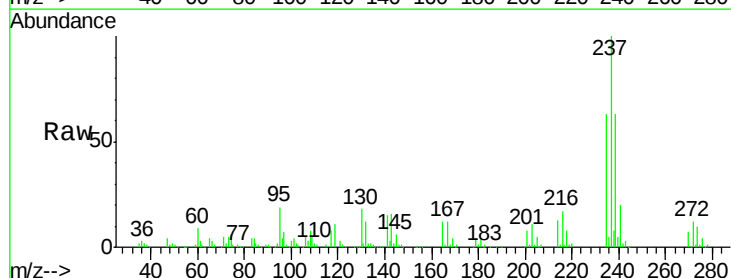


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

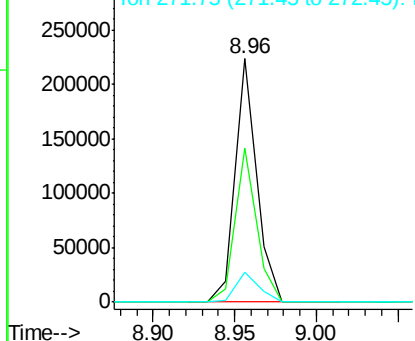
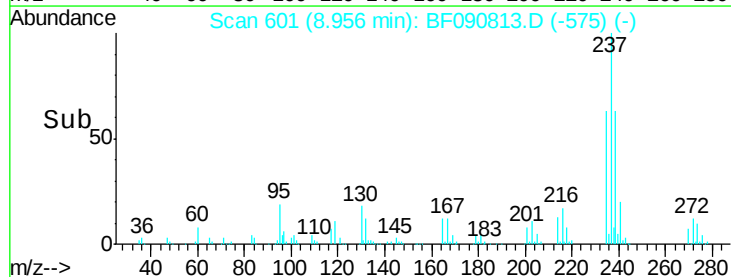


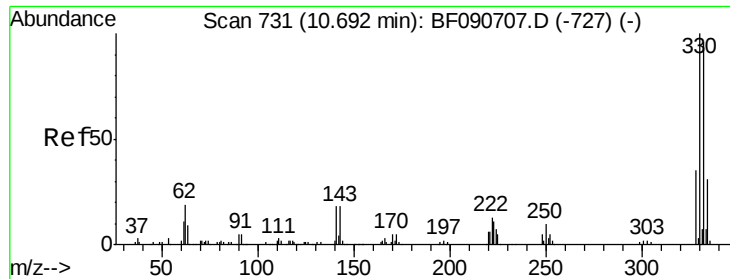
#40
 Hexachlorocyclopentadiene
 Concen: 30.84 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion:	237	Resp:	202040
Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.0	82.0
272	12.0	0.0	36.1



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

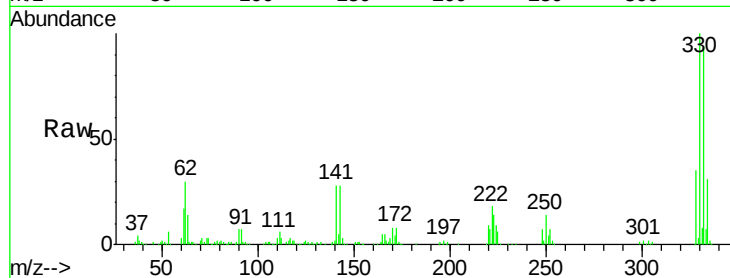




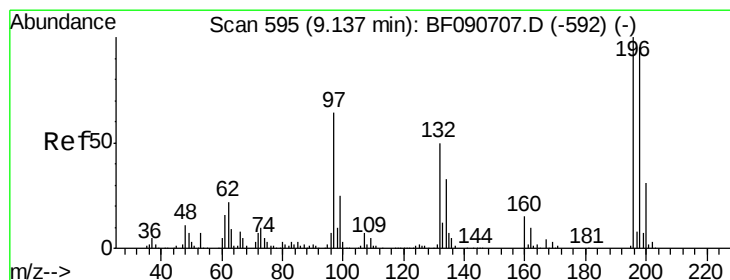
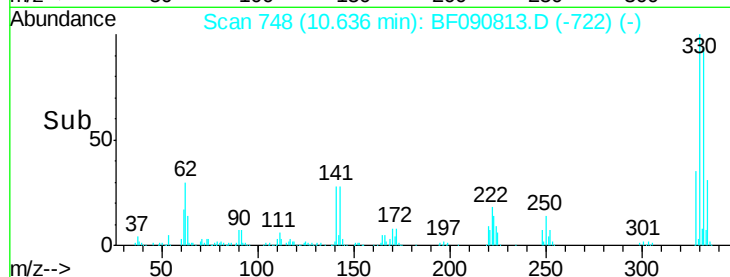
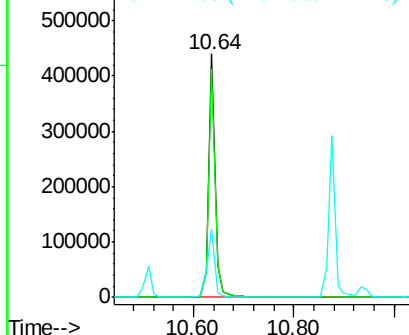
#41
 2,4,6-Tribromophenol
 Concen: 96.66 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 395409
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 31.9 29.7 44.5

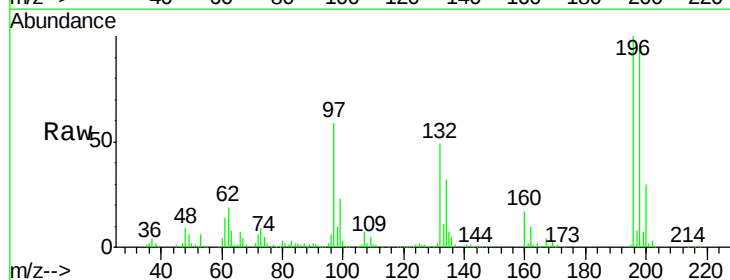


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

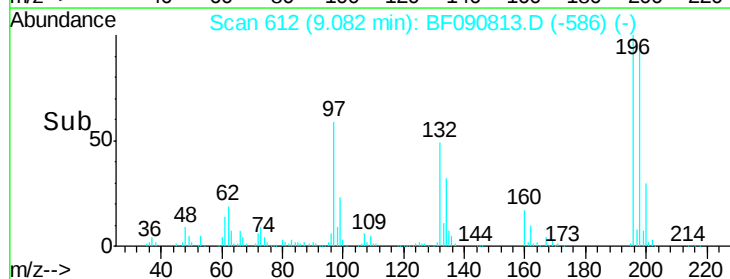
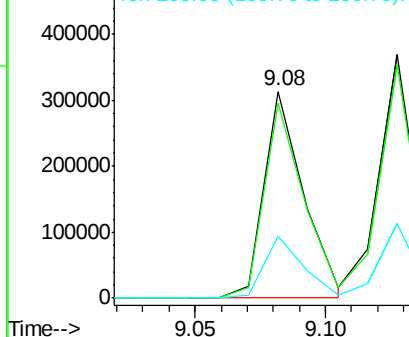


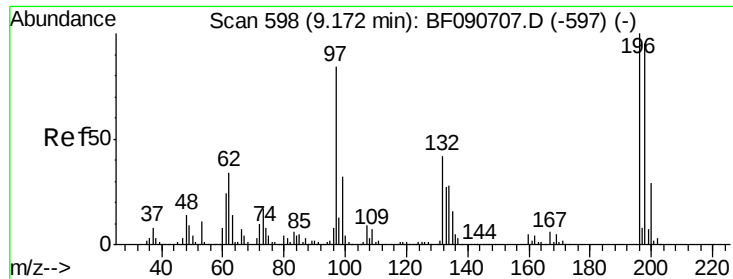
#42
 2,4,6-Trichlorophenol
 Concen: 38.19 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion:196 Resp: 330534
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 200 29.7 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

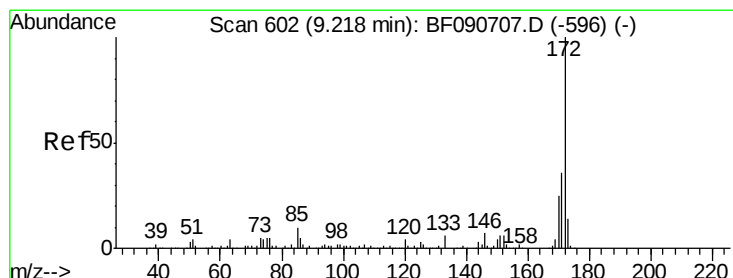
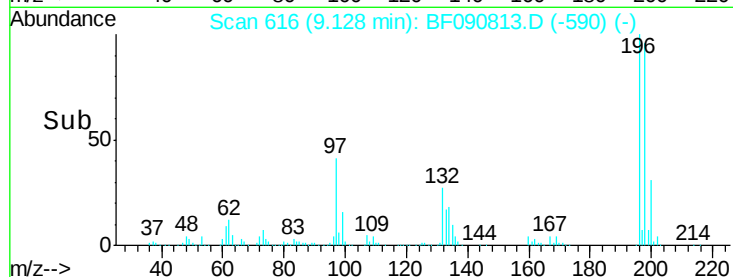
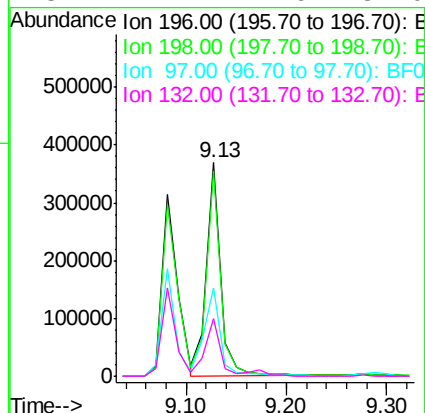
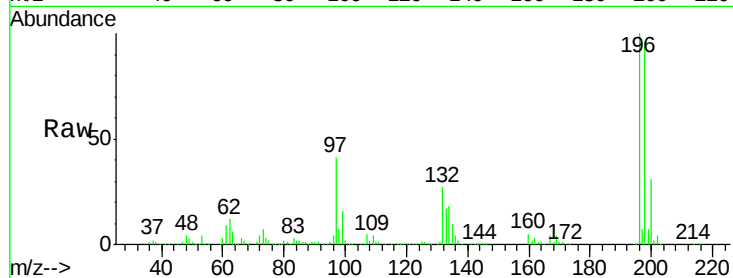




#43
2,4,5-Trichlorophenol
Concen: 41.56 ng
RT: 9.13 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

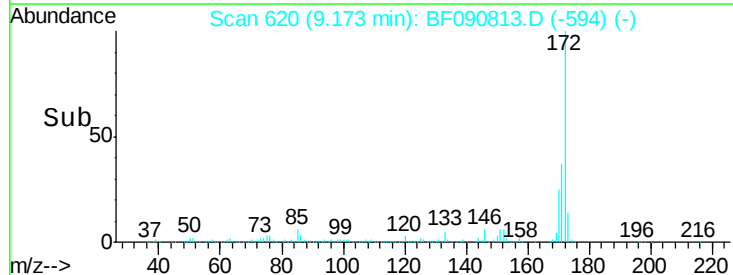
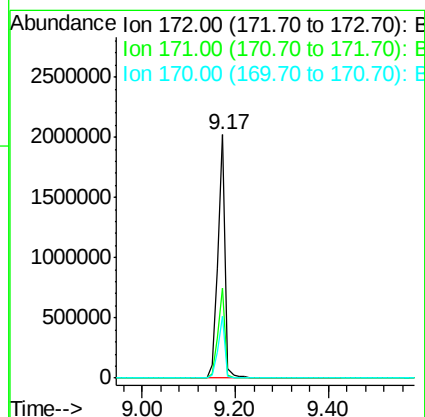
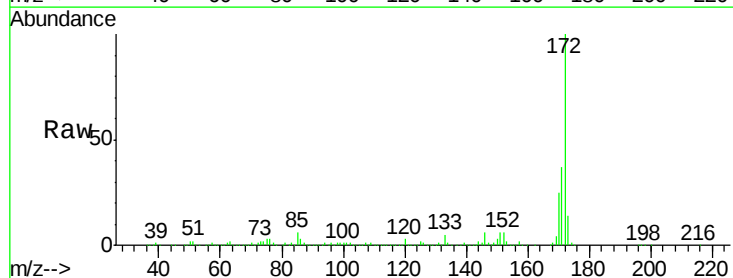
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

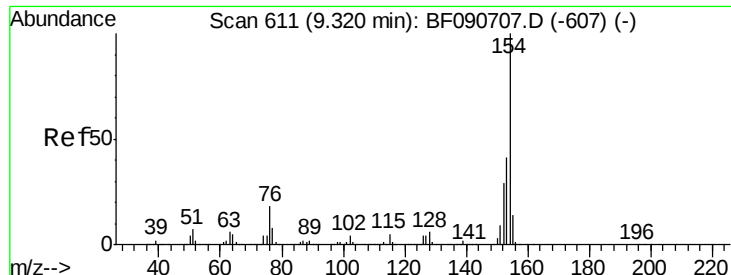
Tgt Ion:196 Resp: 364978
Ion Ratio Lower Upper
196 100
198 96.0 75.4 113.0
97 41.1 33.3 49.9
132 27.1 24.6 37.0



#44
2-Fluorobiphenyl
Concen: 66.04 ng
RT: 9.17 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion:172 Resp: 2198656
Ion Ratio Lower Upper
172 100
171 37.2 26.1 39.1
170 25.2 17.4 26.2

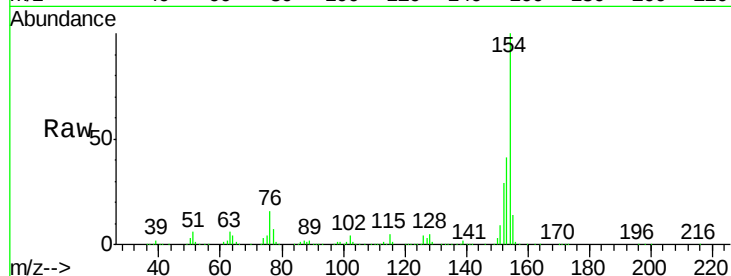




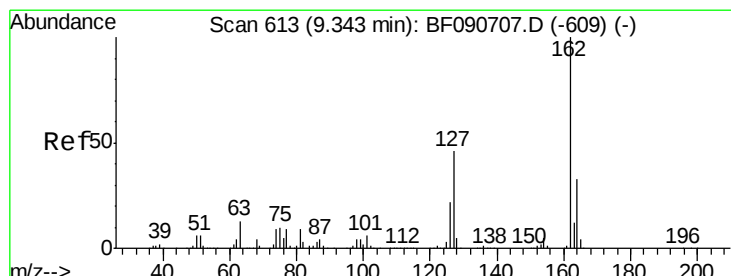
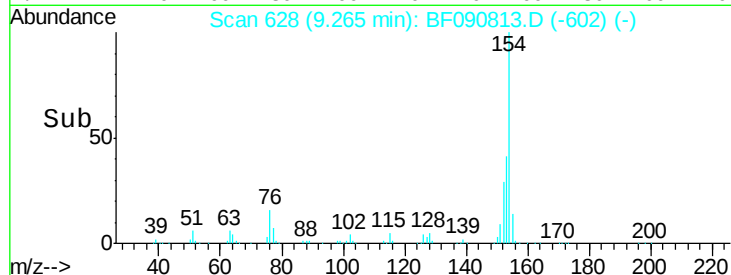
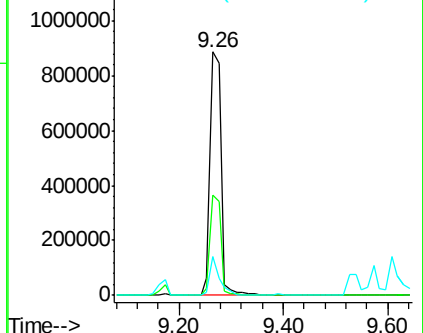
#45
 1,1'-Biphenyl
 Concen: 32.30 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 1310813
 Ion Ratio Lower Upper
 154 100
 153 41.2 17.1 57.1
 76 16.0 0.0 31.6

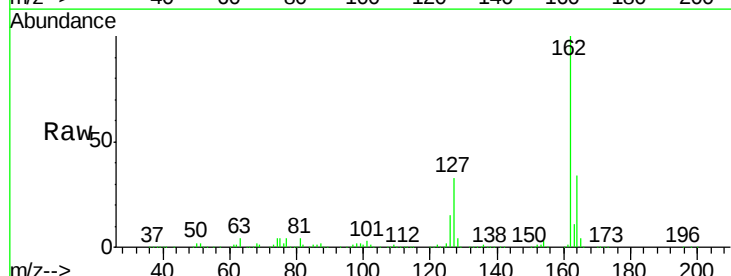


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

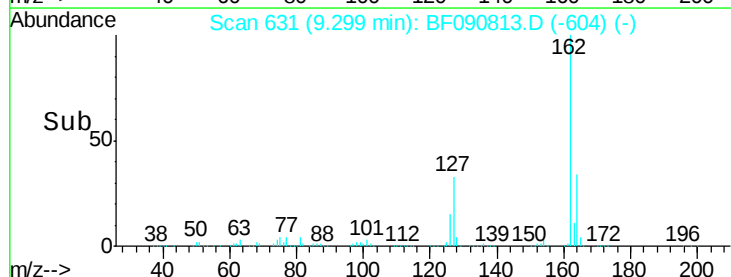
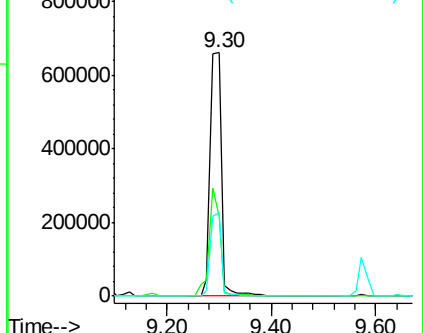


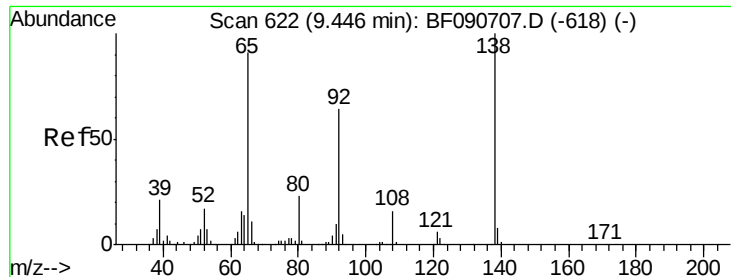
#46
 2-Chloronaphthalene
 Concen: 33.23 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion:162 Resp: 1002332
 Ion Ratio Lower Upper
 162 100
 127 32.7 27.6 41.4
 164 34.4 25.4 38.2



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

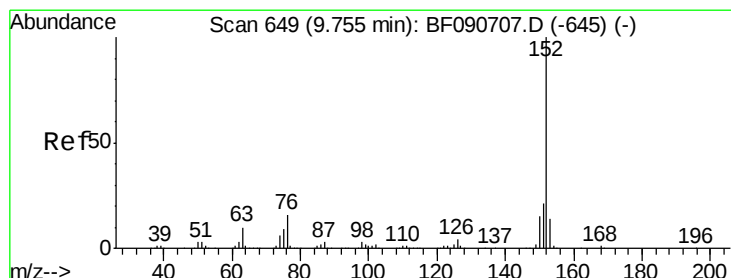
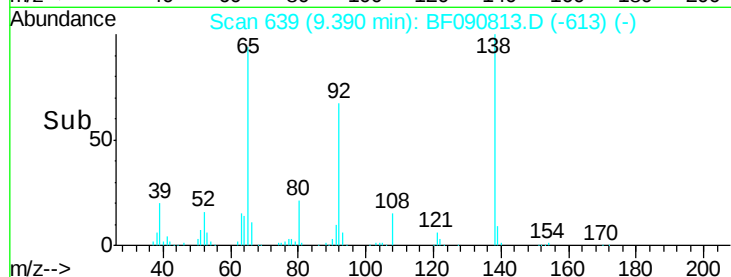
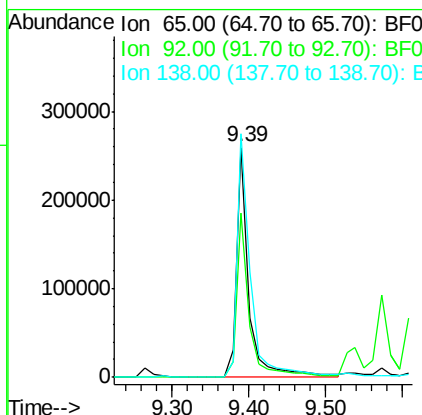
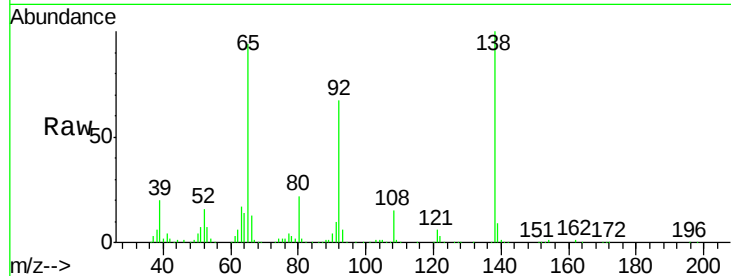




#47
2-Nitroaniline
Concen: 29.56 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

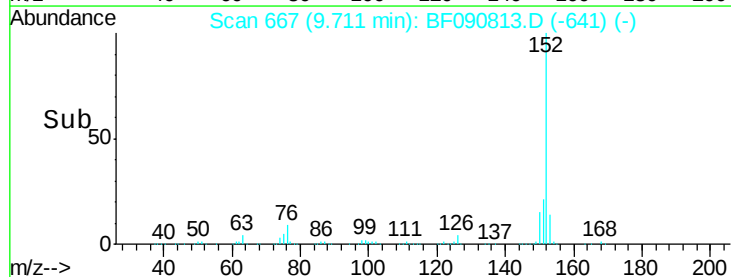
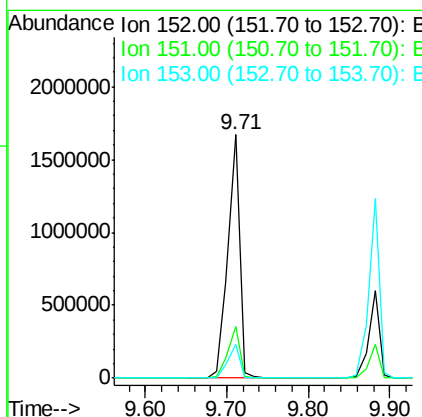
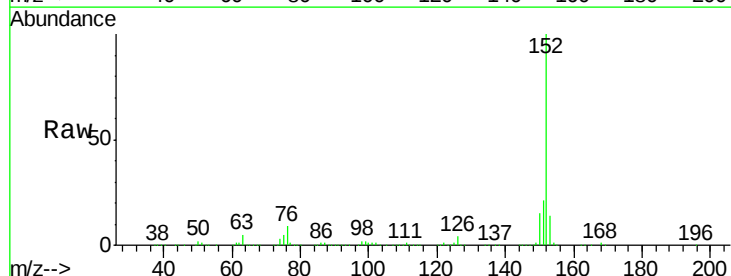
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

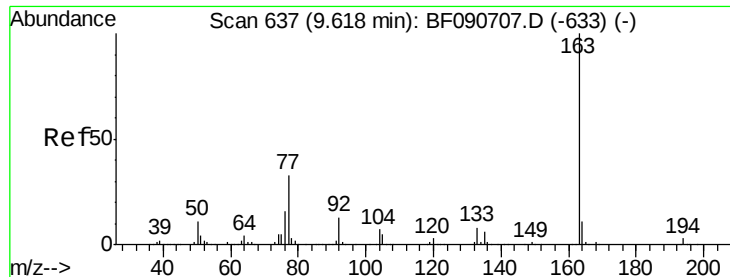
Tgt Ion: 65 Resp: 296032
Ion Ratio Lower Upper
65 100
92 71.5 55.4 83.0
138 106.0 115.5 173.3#



#48
Acenaphthylene
Concen: 36.30 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion: 152 Resp: 1671067
Ion Ratio Lower Upper
152 100
151 21.0 14.6 22.0
153 13.6 10.3 15.5





#49

Dimethylphthalate

Concen: 34.88 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

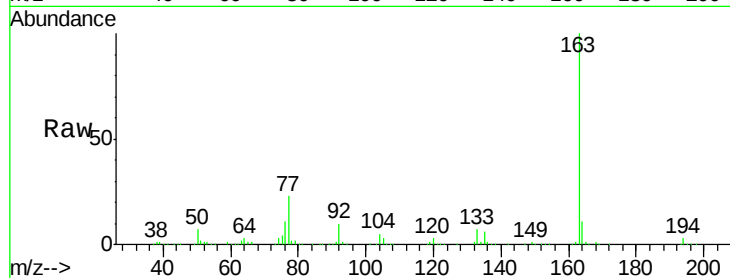
Tgt Ion:163 Resp: 1132809

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

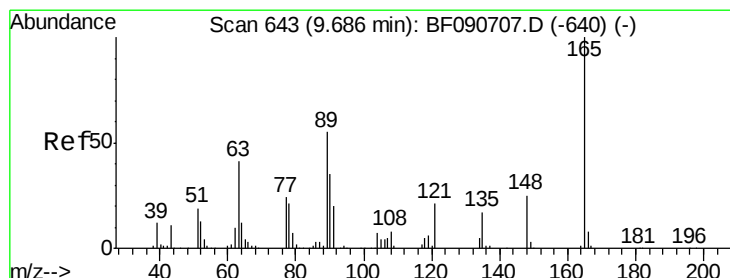
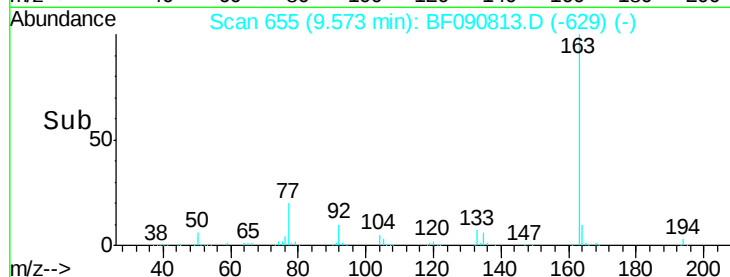
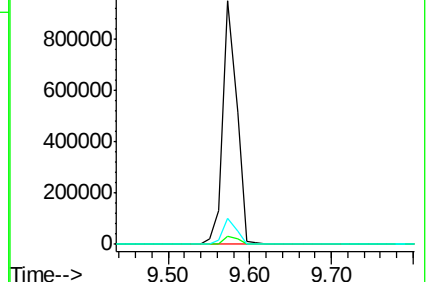
164 11.0 8.3 12.5



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: 41.28 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.01 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

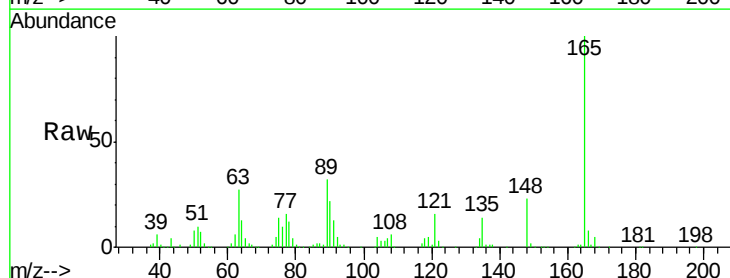
Tgt Ion:165 Resp: 288295

Ion Ratio Lower Upper

165 100

63 26.8 32.3 48.5#

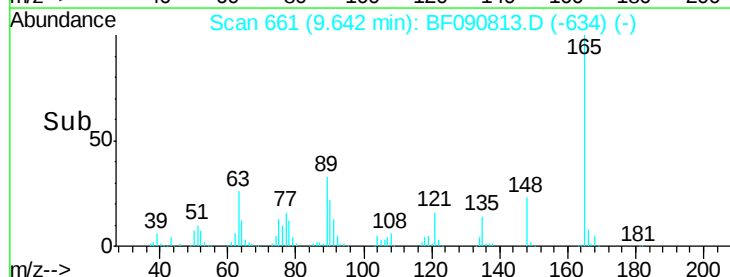
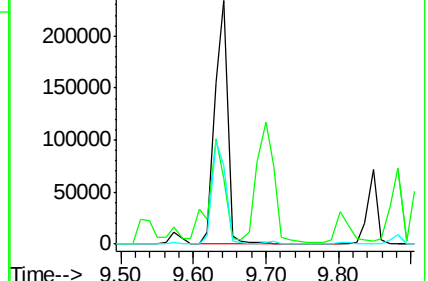
89 32.5 28.6 43.0

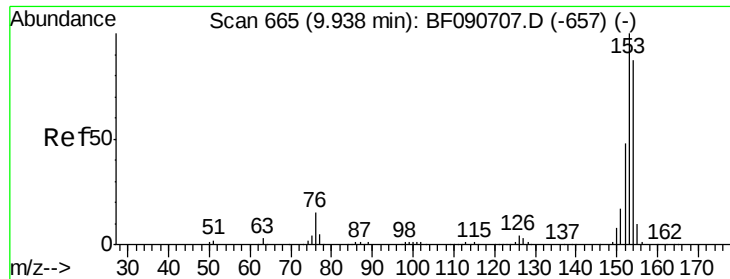


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.07 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

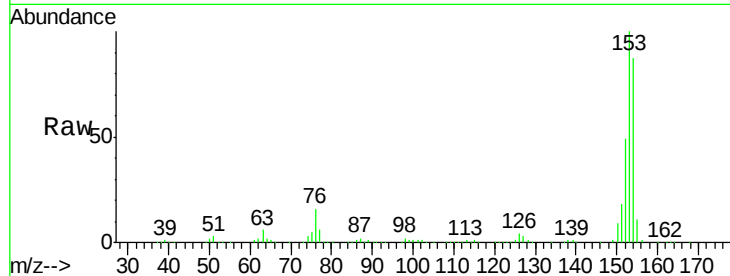
Tgt Ion:154 Resp: 1071639

Ion Ratio Lower Upper

154 100

153 114.8 82.1 123.1

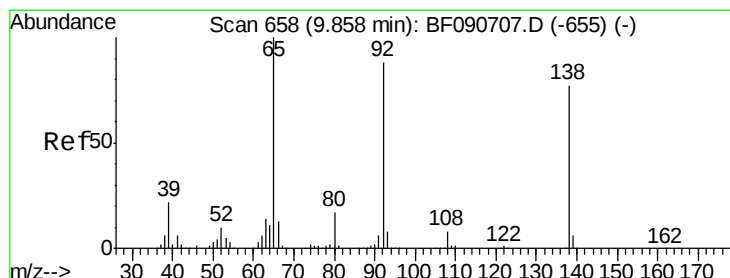
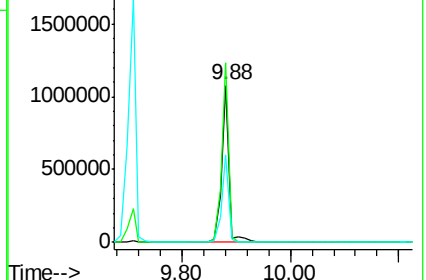
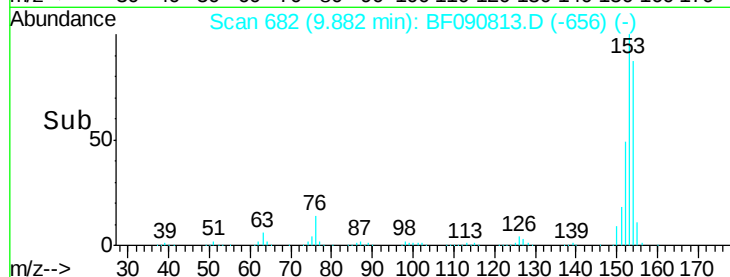
152 56.1 37.9 56.9



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: 35.92 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

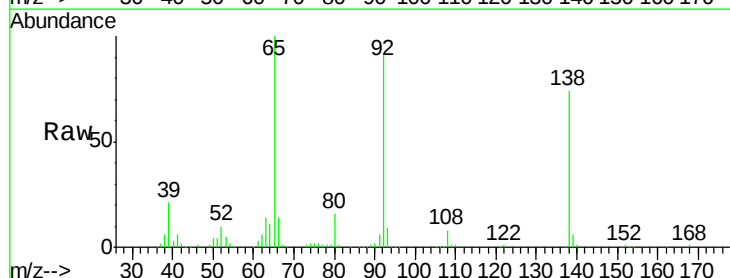
Tgt Ion:138 Resp: 288354

Ion Ratio Lower Upper

138 100

108 10.4 5.7 8.5#

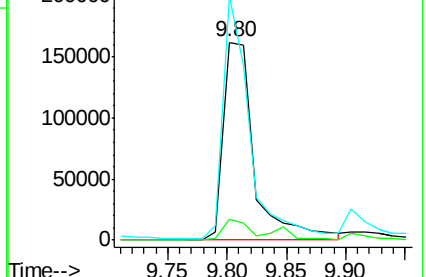
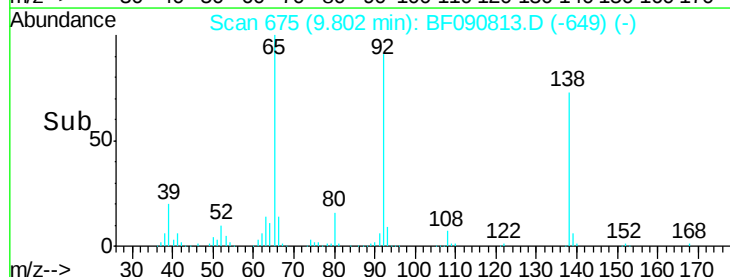
92 122.9 67.7 101.5#

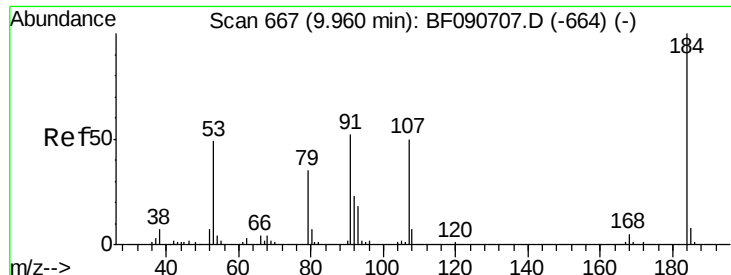


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

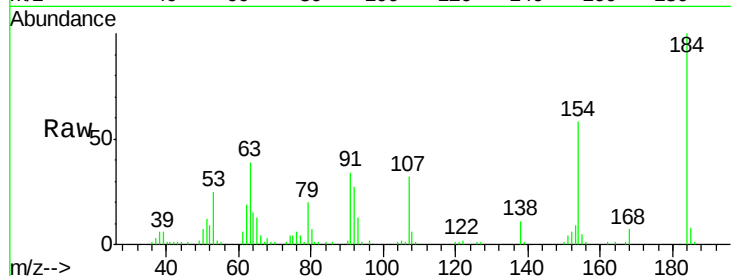




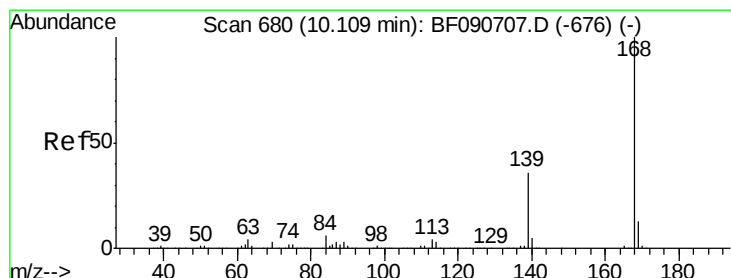
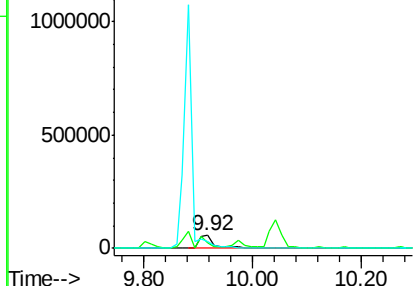
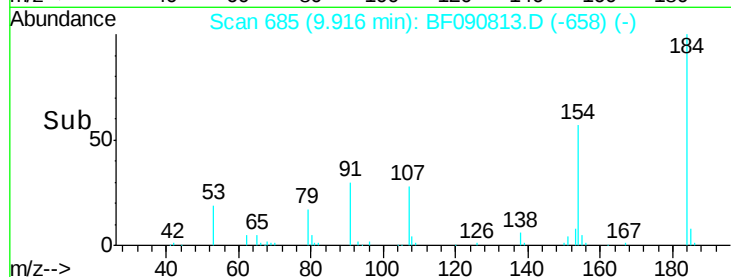
#53
2,4-Dinitrophenol
Concen: 39.99 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 117744
Ion Ratio Lower Upper
184 100
63 38.9 35.4 53.2
154 58.2 32.2 48.4#

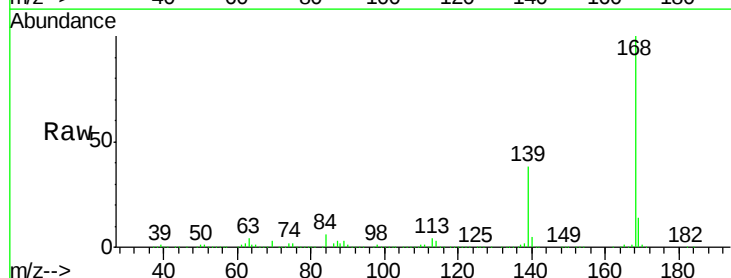


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

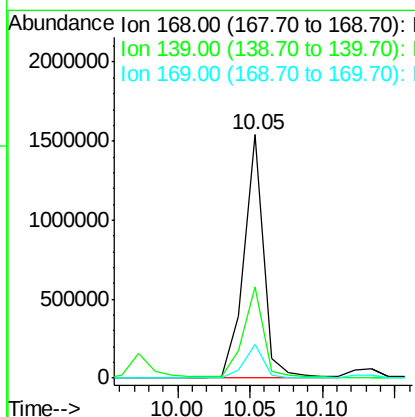
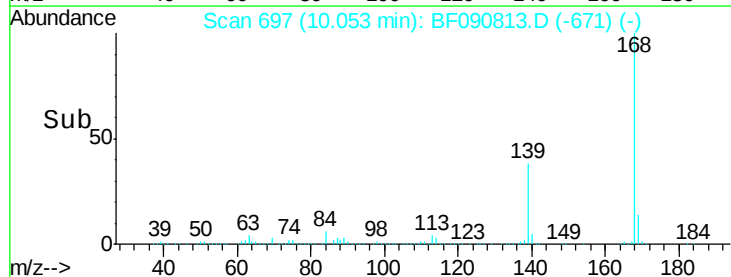


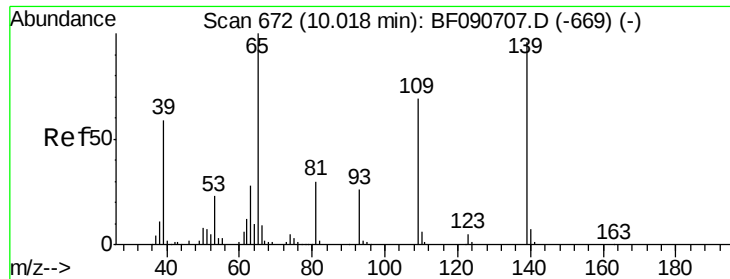
#54
Dibenzofuran
Concen: 39.51 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion:168 Resp: 1462496
Ion Ratio Lower Upper
168 100
139 37.6 24.2 36.2#
169 13.8 10.6 15.8



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

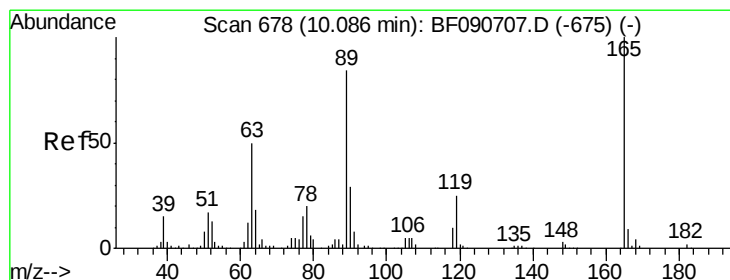
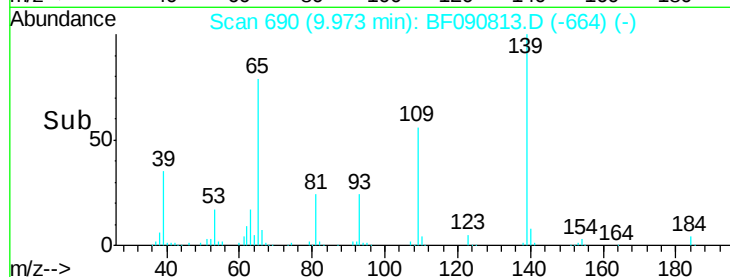
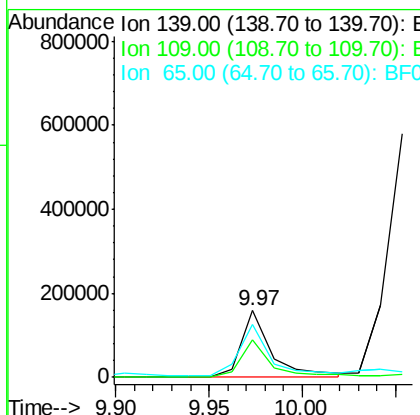
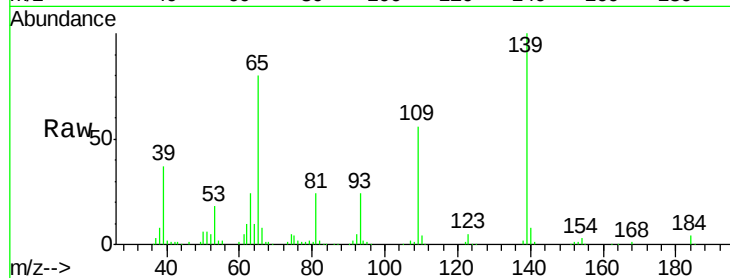




#55
4-Nitrophenol
Concen: 39.55 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

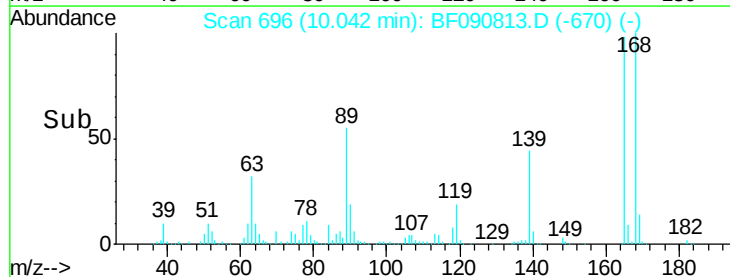
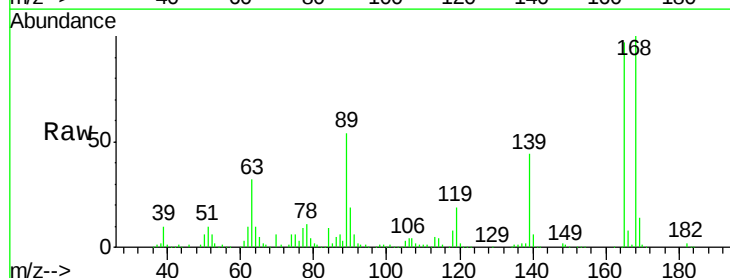
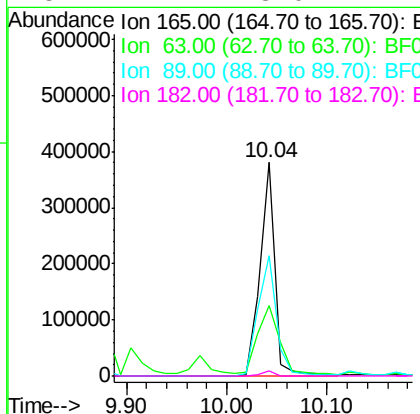
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

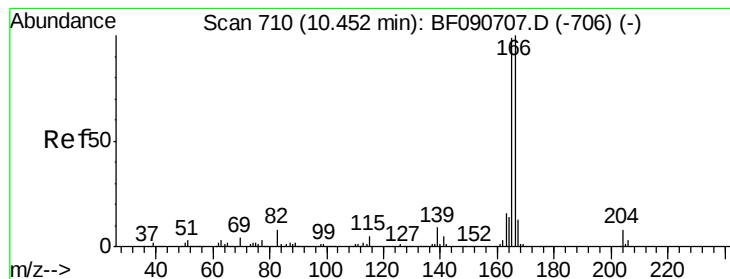
Tgt Ion:139 Resp: 179060
Ion Ratio Lower Upper
139 100
109 55.8 12.7 52.7#
65 79.7 45.9 85.9



#56
2,4-Dinitrotoluene
Concen: 45.61 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion:165 Resp: 389327
Ion Ratio Lower Upper
165 100
63 33.2 29.8 44.6
89 56.1 44.5 66.7
182 2.4 3.0 4.4#





#57

Fluorene

Concen: 39.42 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

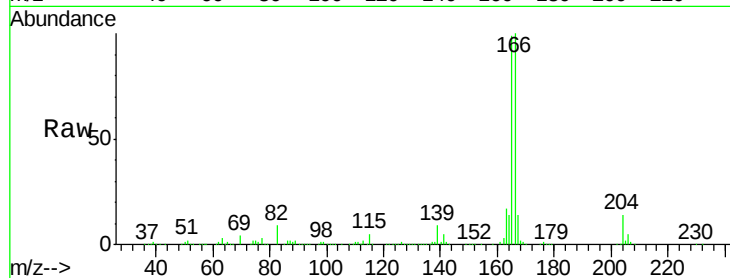
Tgt Ion:166 Resp: 1209355

Ion Ratio Lower Upper

166 100

165 99.1 72.6 109.0

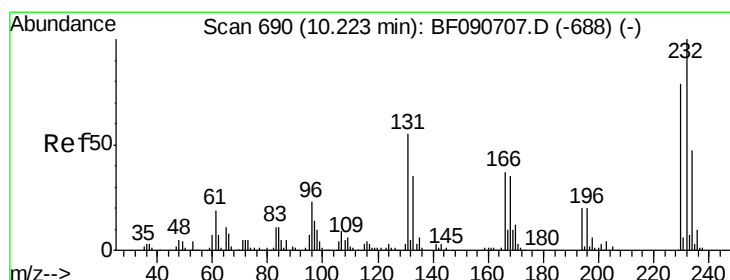
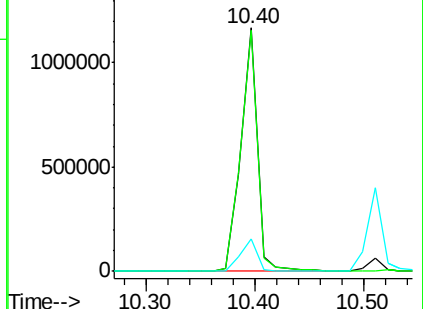
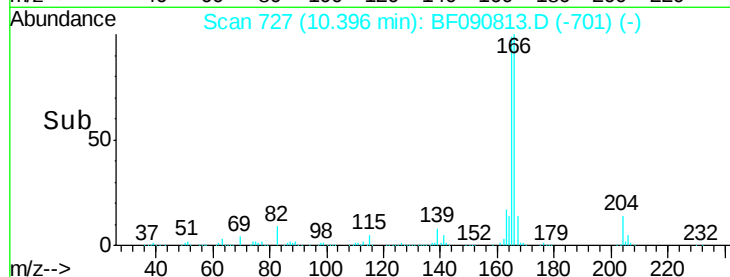
167 13.5 10.6 16.0



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: 41.20 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Tgt Ion:232 Resp: 283959

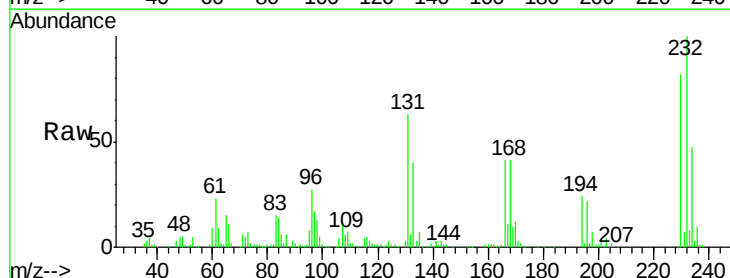
Ion Ratio Lower Upper

232 100

131 50.3 38.5 57.7

130 2.2 1.8 2.6

166 32.7 25.0 37.6

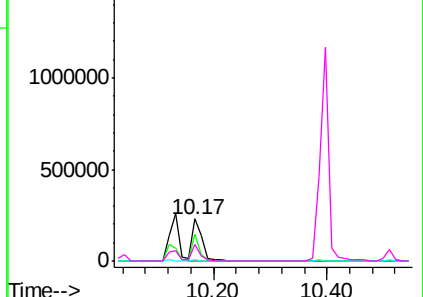
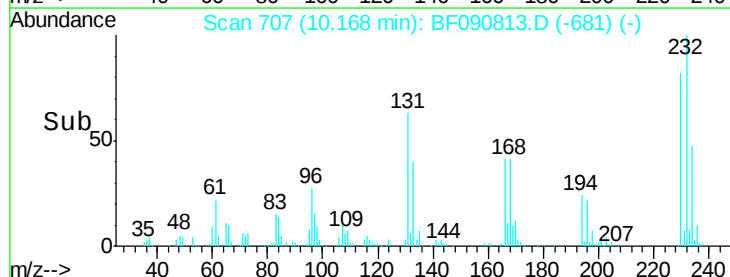


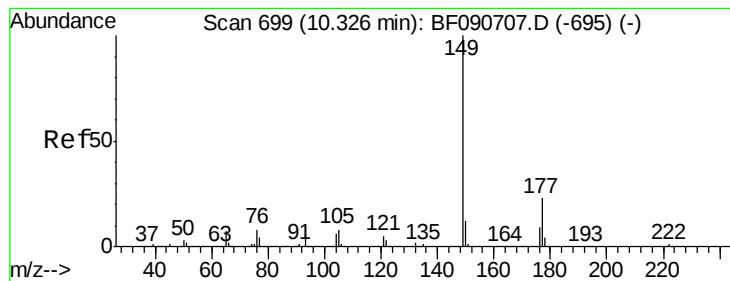
Abundance Ion 232.00 (231.70 to 232.70): E

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: 34.84 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

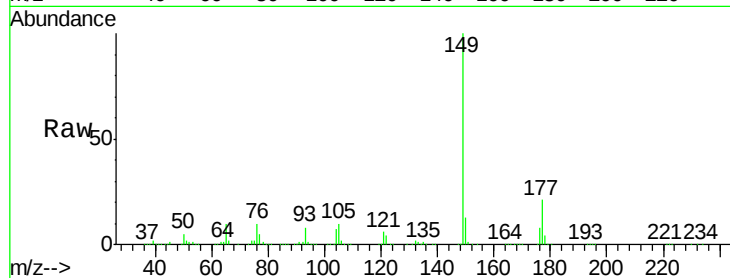
Tgt Ion:149 Resp: 1173509

Ion Ratio Lower Upper

149 100

177 21.1 17.5 26.3

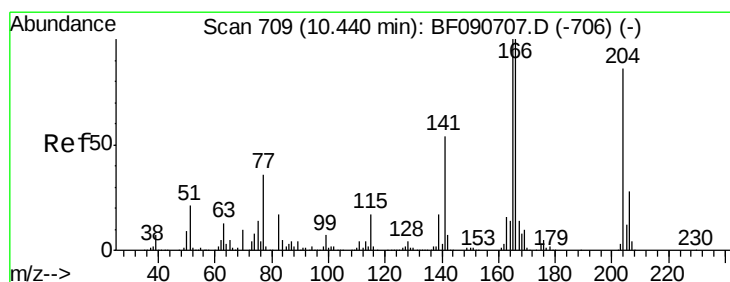
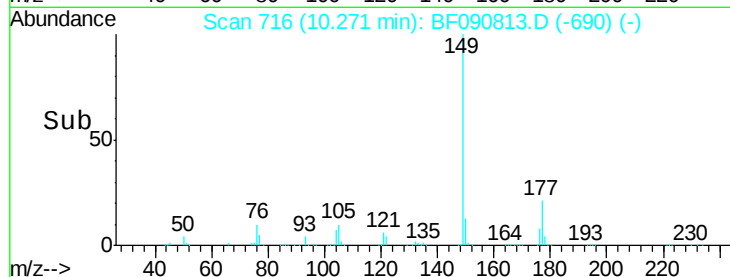
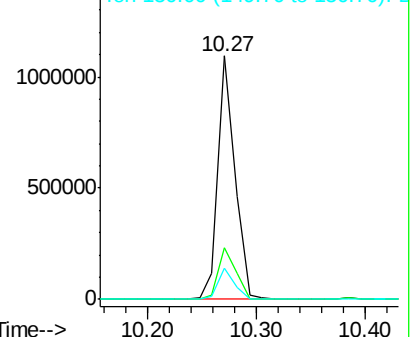
150 13.0 9.4 14.2



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: 37.74 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

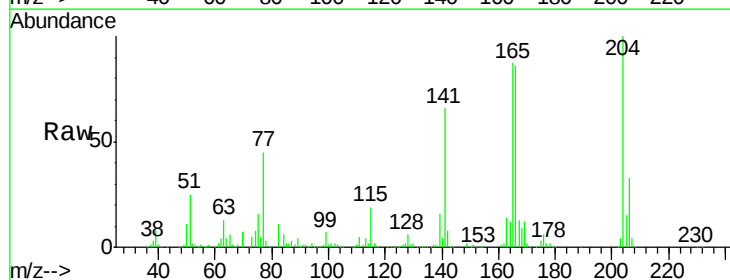
Tgt Ion:204 Resp: 529042

Ion Ratio Lower Upper

204 100

206 32.6 24.8 37.2

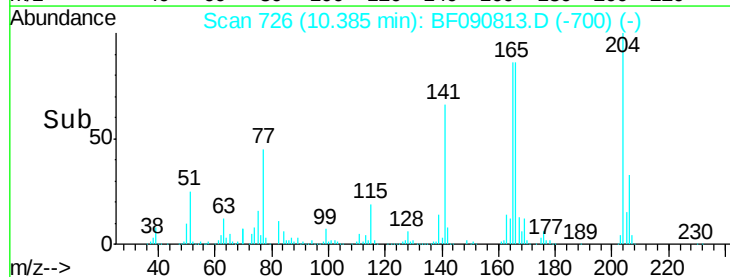
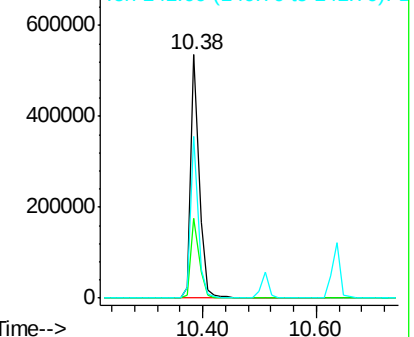
141 66.2 42.2 63.4#

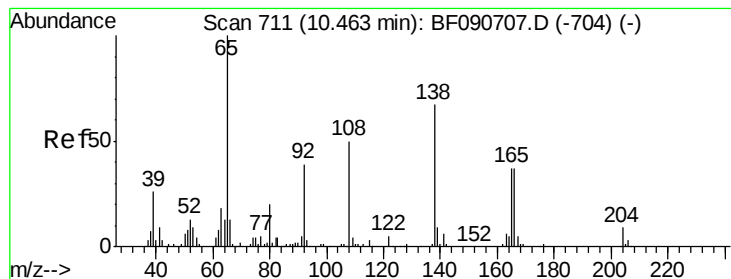


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.31 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

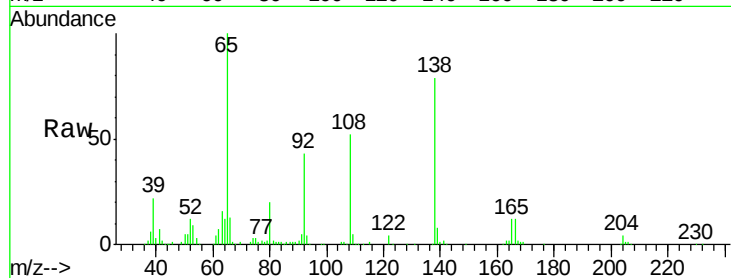
Tgt Ion:138 Resp: 311482

Ion Ratio Lower Upper

138 100

92 55.1 12.6 52.6#

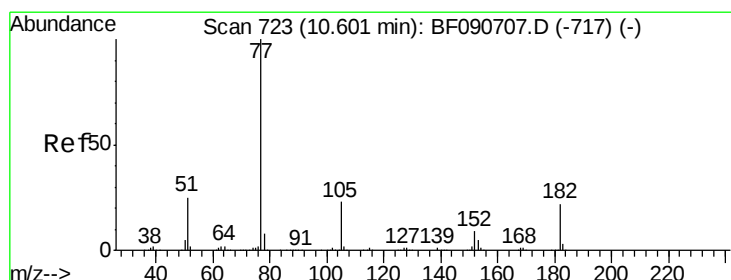
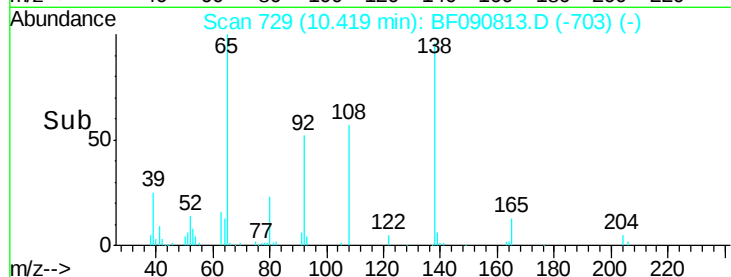
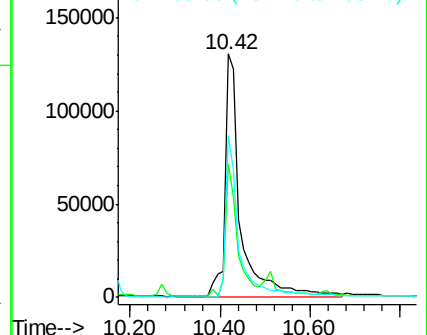
108 66.5 12.4 52.4#



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: 30.15 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Tgt Ion: 77 Resp: 1189036

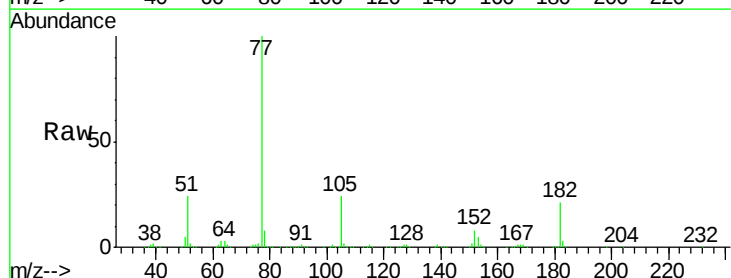
Ion Ratio Lower Upper

77 100

182 20.7 15.1 55.1

105 23.9 3.4 43.4

51 24.3 12.0 52.0

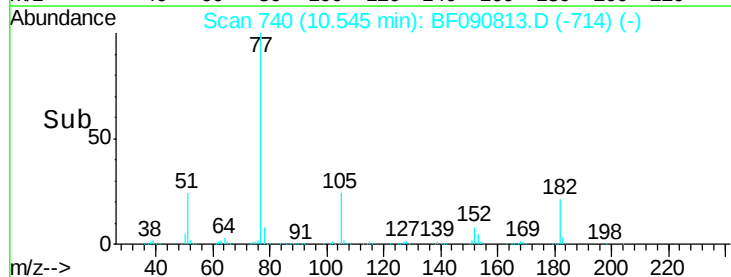
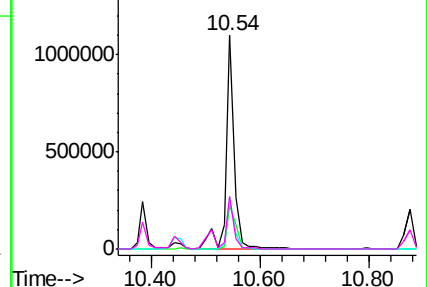


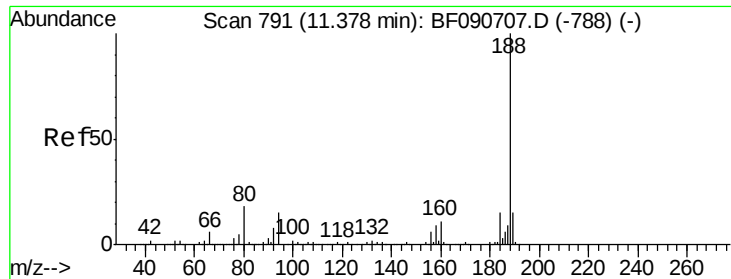
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

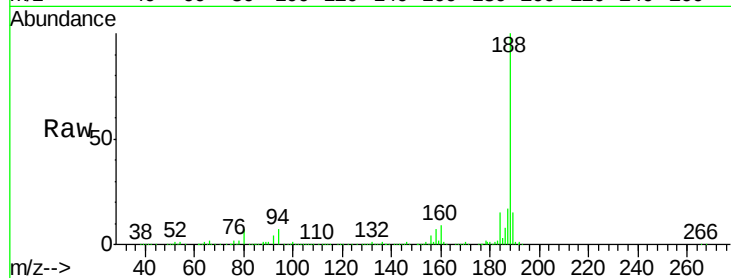




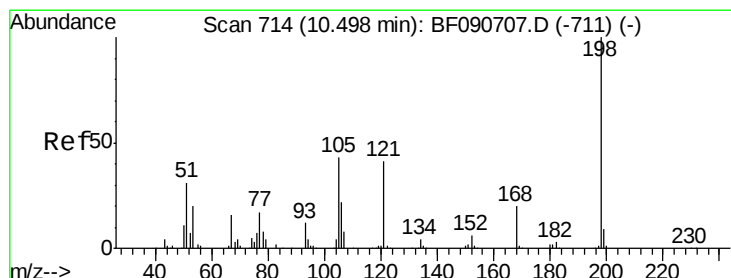
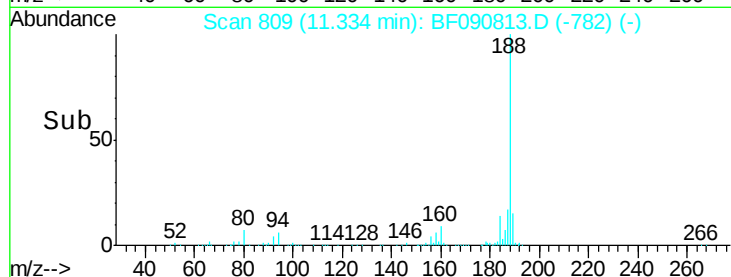
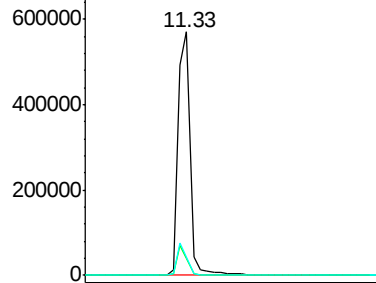
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:188 Resp: 808895
Ion Ratio Lower Upper
188 100
94 7.2 11.1 16.7#
80 7.3 11.0 16.4#

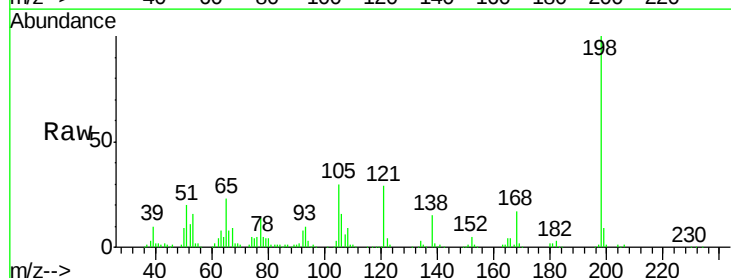


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

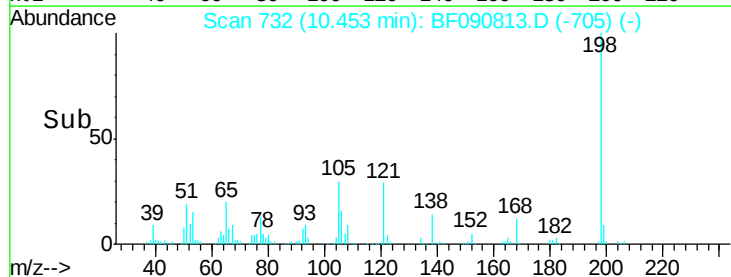
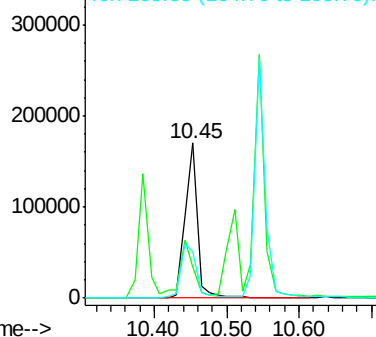


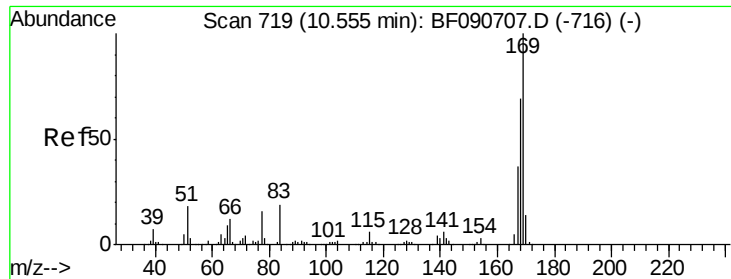
#64
4,6-Dinitro-2-methylphenol
Concen: 39.98 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion:198 Resp: 202482
Ion Ratio Lower Upper
198 100
51 19.8 39.6 79.6#
105 29.8 28.5 68.5



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

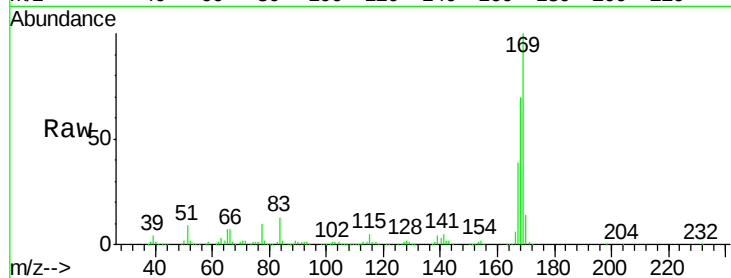




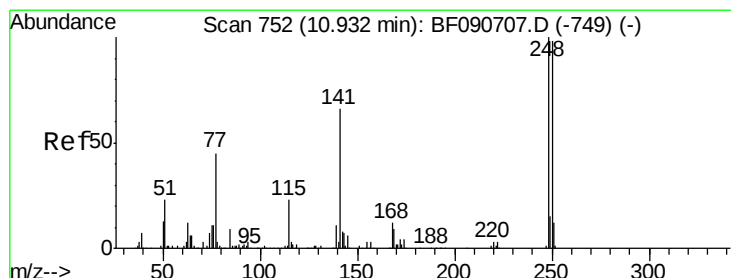
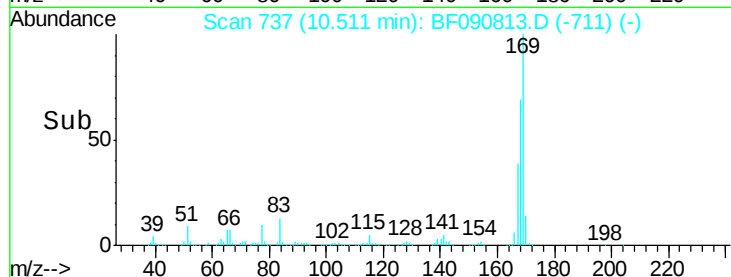
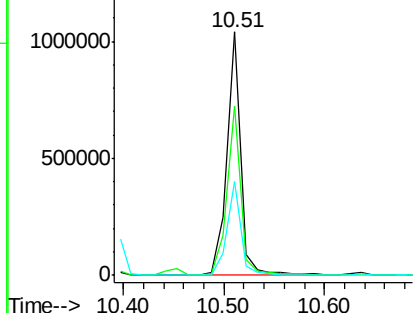
#65
 n-Nitrosodiphenylamine
 Concen: 38.42 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:169 Resp: 995777
 Ion Ratio Lower Upper
 169 100
 168 69.5 48.9 73.3
 167 38.5 26.2 39.4

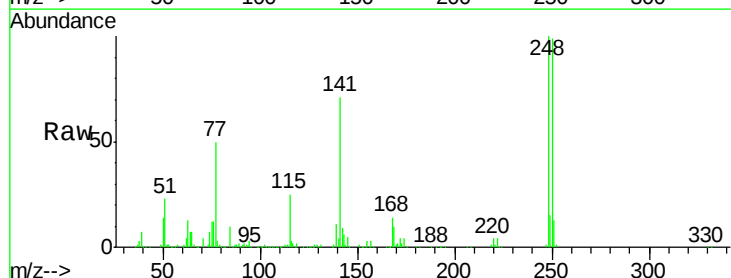


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

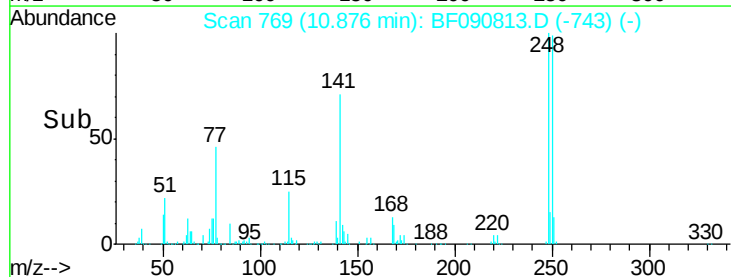
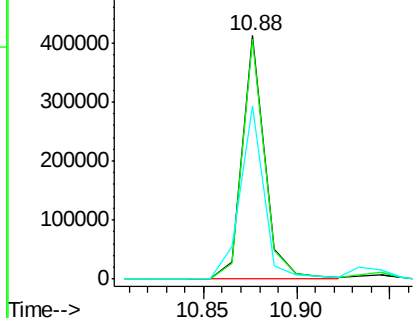


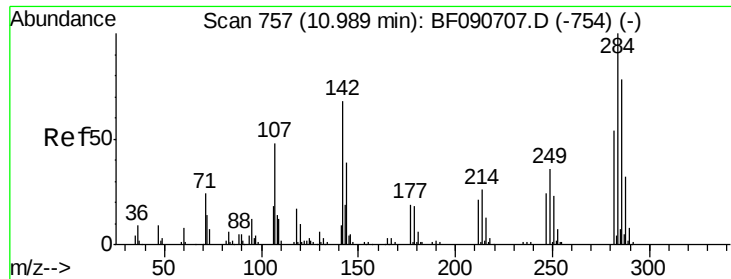
#66
 4-Bromophenyl-phenylether
 Concen: 44.59 ng
 RT: 10.88 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion:248 Resp: 349679
 Ion Ratio Lower Upper
 248 100
 250 98.7 78.5 117.7
 141 71.0 59.0 88.6



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

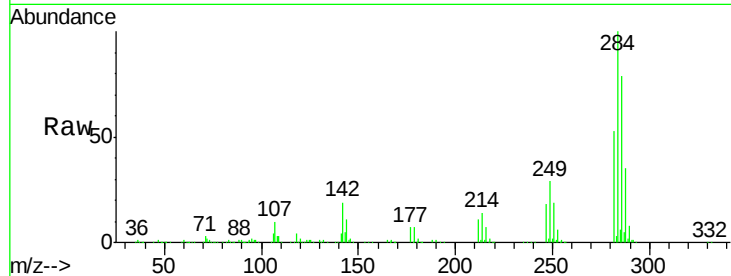




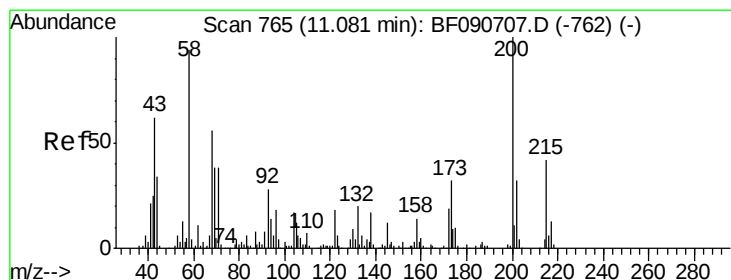
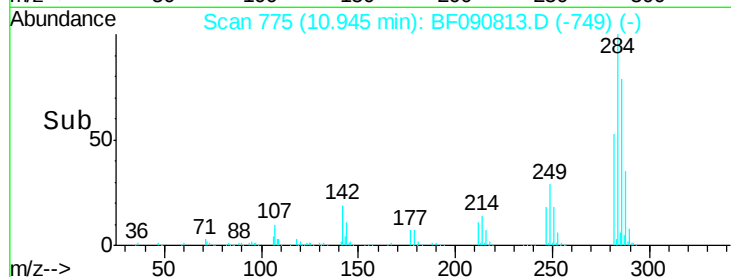
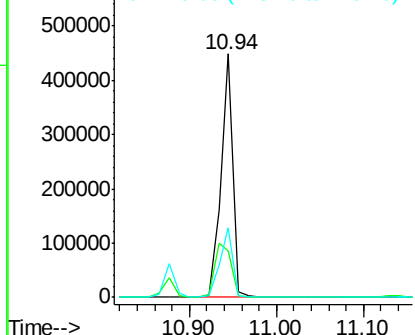
#67
Hexachlorobenzene
Concen: 46.84 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 433400
Ion Ratio Lower Upper
284 100
142 19.0 29.5 44.3#
249 28.6 19.5 29.3

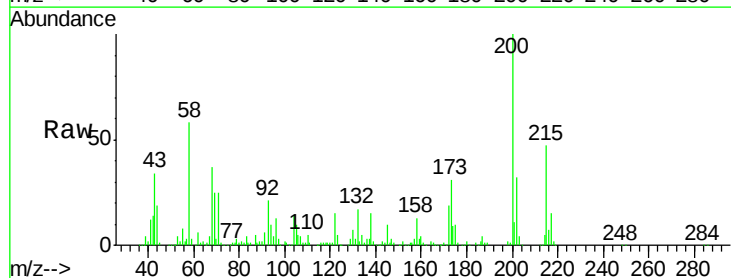


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

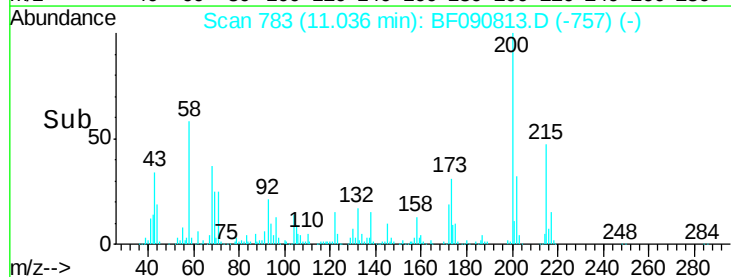
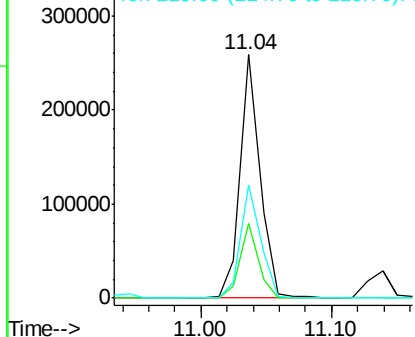


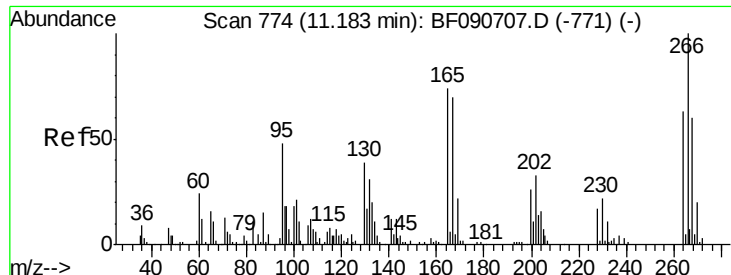
#68
Atrazine
Concen: 38.21 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion:200 Resp: 273289
Ion Ratio Lower Upper
200 100
173 30.8 13.2 53.2
215 46.5 41.8 81.8



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

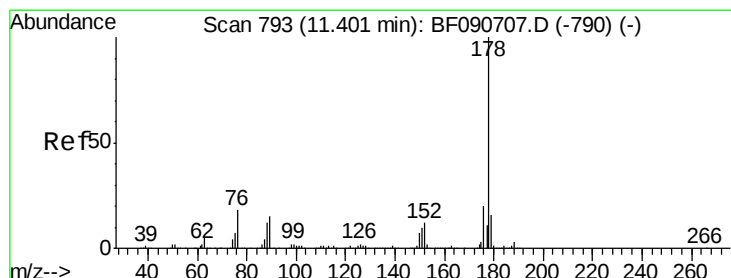
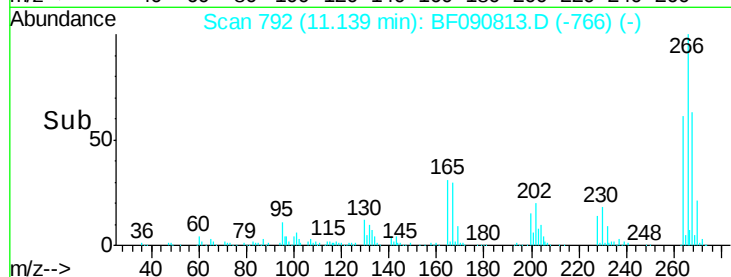
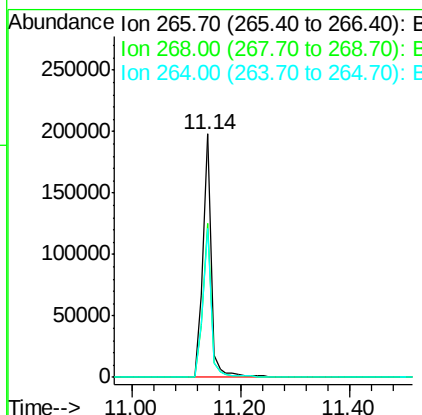
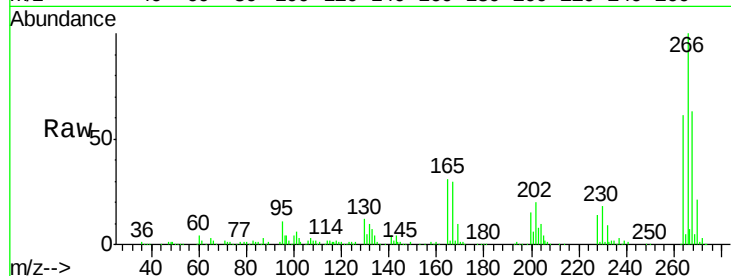




#69
 Pentachlorophenol
 Concen: 44.31 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

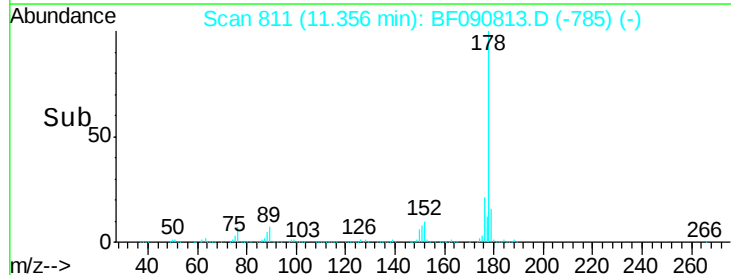
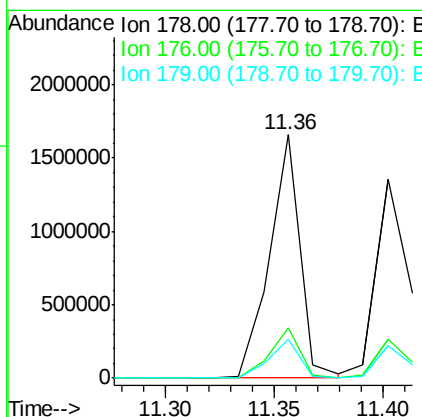
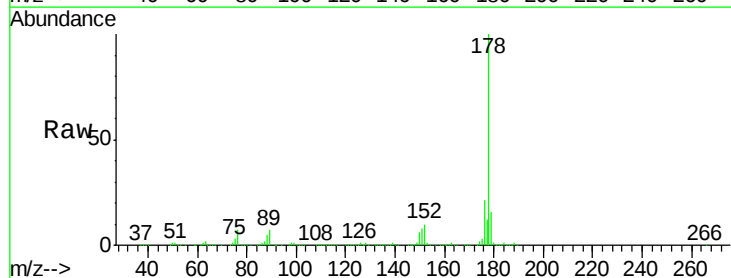
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

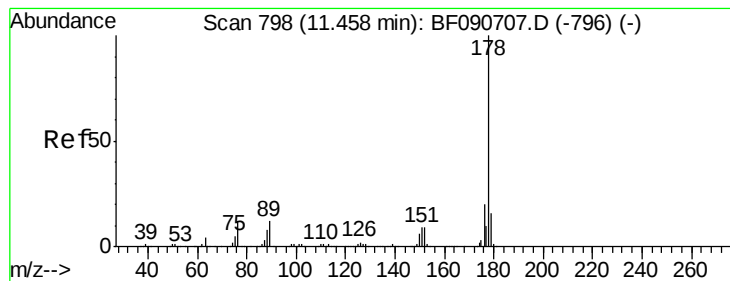
Tgt Ion: 266 Resp: 213272
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.8 74.6
 264 61.2 50.2 75.2



#70
 Phenanthrene
 Concen: 39.60 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion: 178 Resp: 1632768
 Ion Ratio Lower Upper
 178 100
 176 20.6 13.8 20.8
 179 15.9 12.2 18.2





#71

Anthracene

Concen: 33.63 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

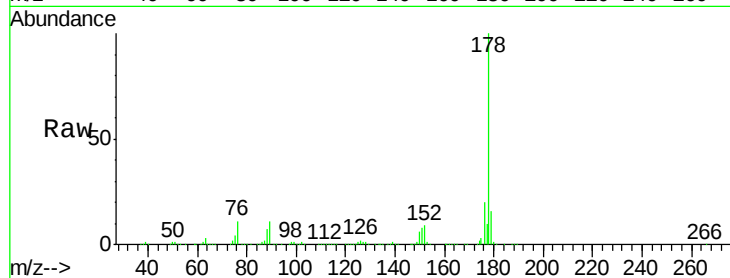
Tgt Ion:178 Resp: 1537612

Ion Ratio Lower Upper

178 100

176 19.5 14.1 21.1

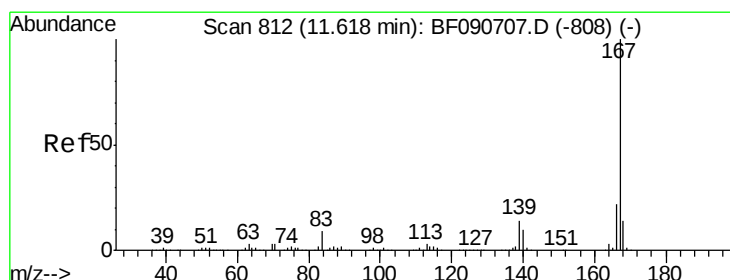
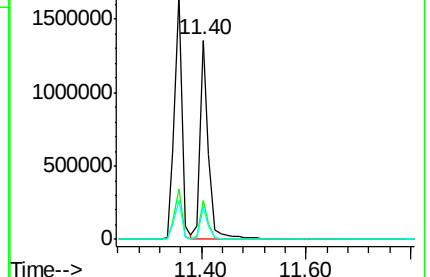
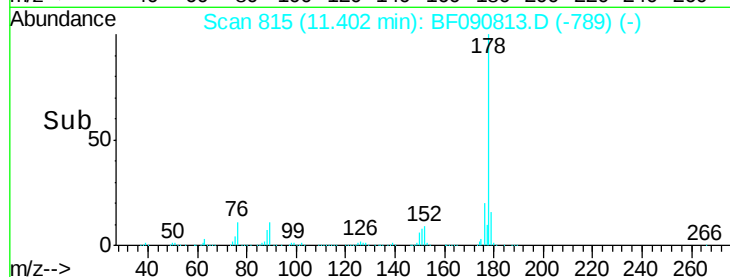
179 16.2 12.2 18.2



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: 37.91 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

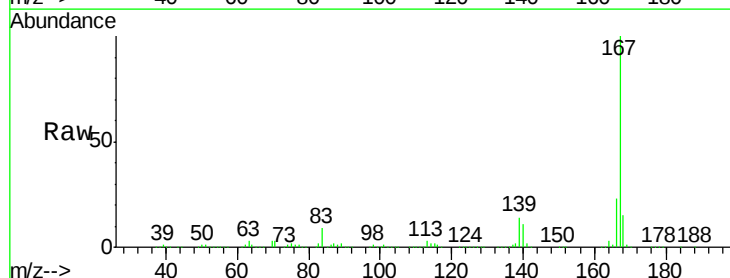
Tgt Ion:167 Resp: 1449232

Ion Ratio Lower Upper

167 100

166 22.8 15.7 23.5

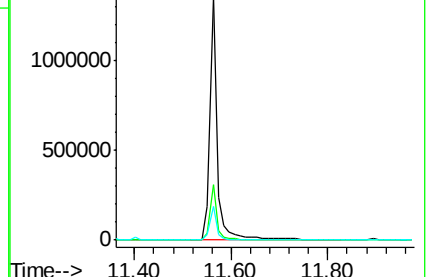
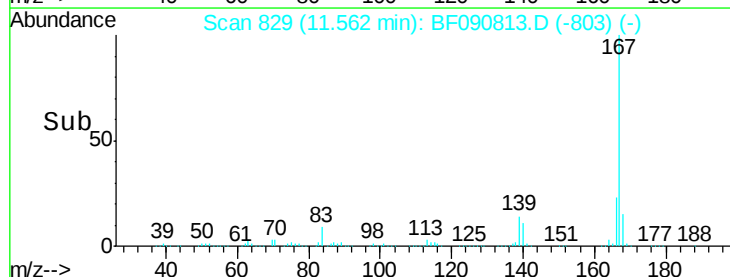
139 13.9 9.5 14.3

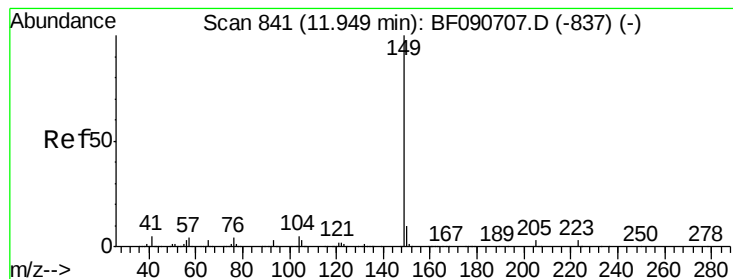


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.97 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

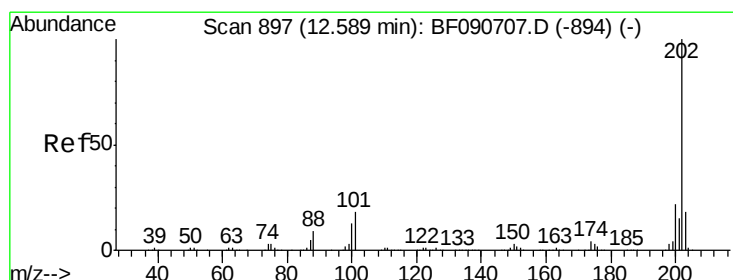
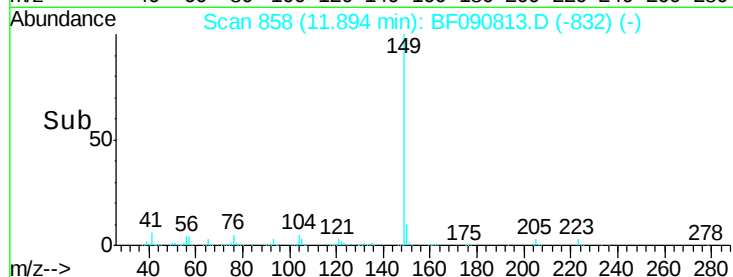
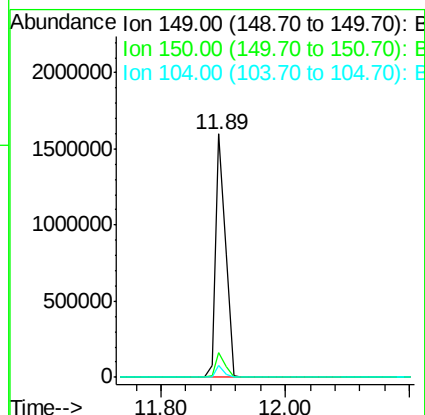
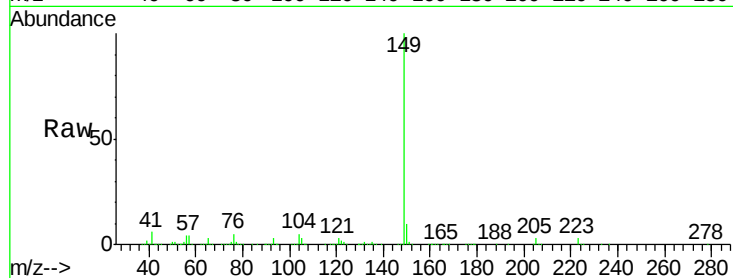
Tgt Ion:149 Resp: 1734100

Ion Ratio Lower Upper

149 100

150 10.0 7.4 11.2

104 4.9 2.4 3.6#



#74

Fluoranthene

Concen: 41.31 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

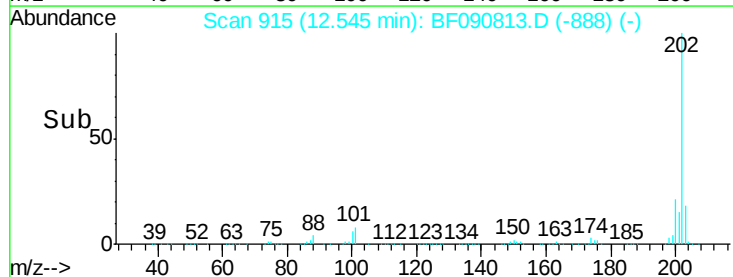
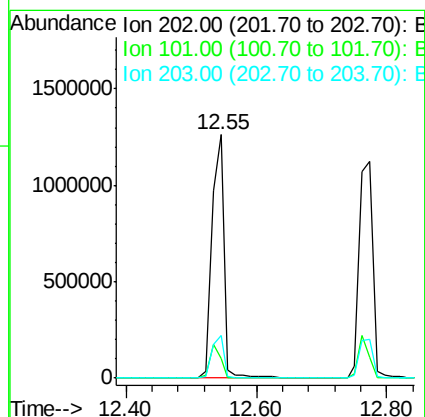
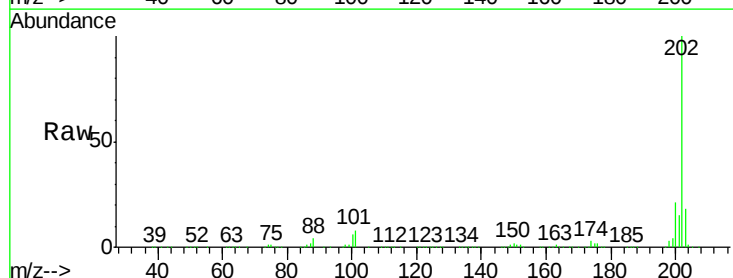
Tgt Ion:202 Resp: 1647528

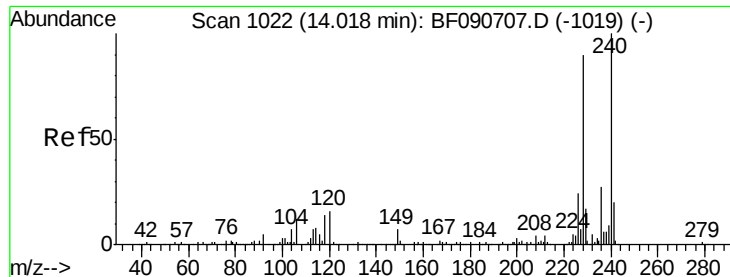
Ion Ratio Lower Upper

202 100

101 8.1 0.0 38.3

203 17.6 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

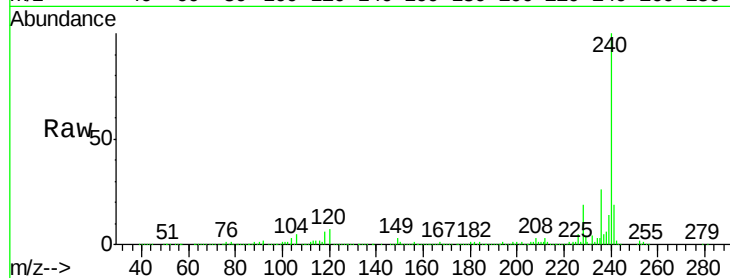
Tgt Ion:240 Resp: 554023

Ion Ratio Lower Upper

240 100

120 7.1 16.2 24.2#

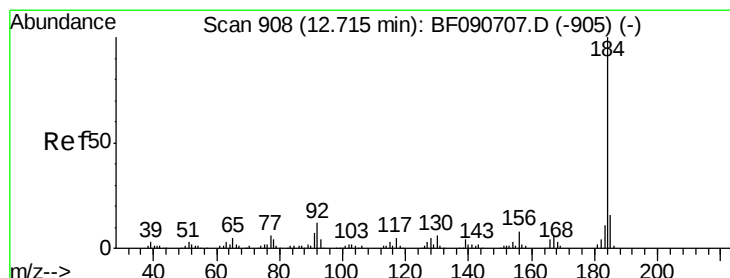
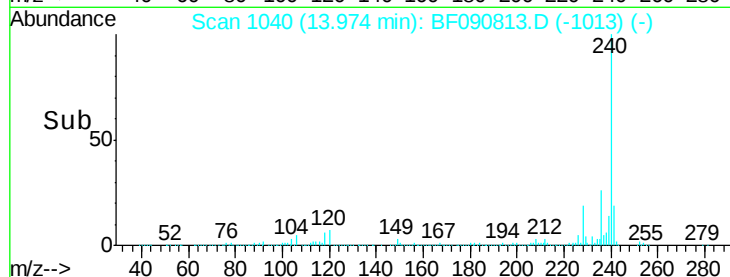
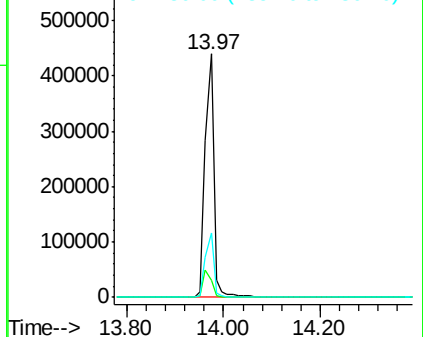
236 26.4 18.4 27.6



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: 38.63 ng

RT: 12.67 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

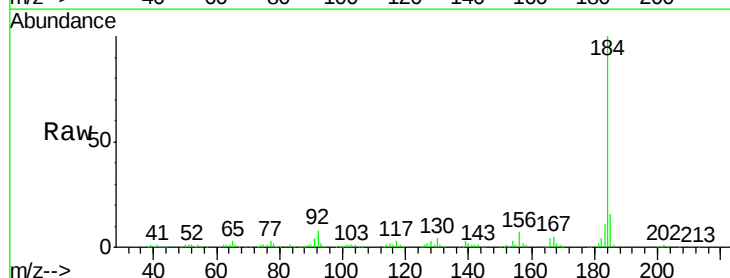
Tgt Ion:184 Resp: 475164

Ion Ratio Lower Upper

184 100

185 16.0 11.8 17.6

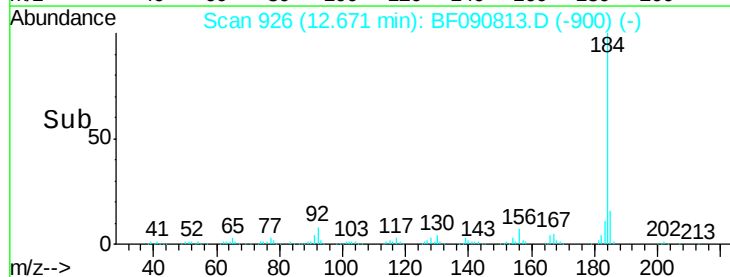
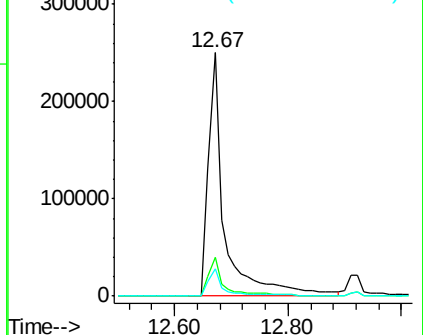
183 11.1 7.6 11.4

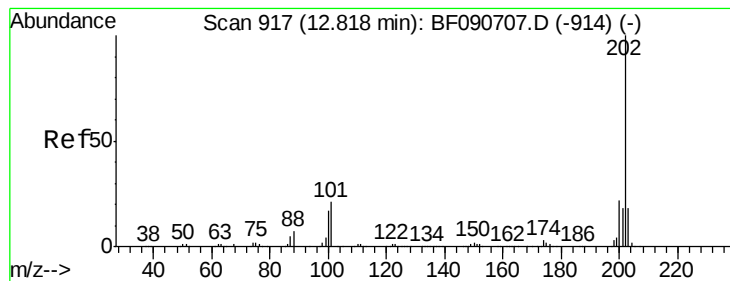


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.19 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

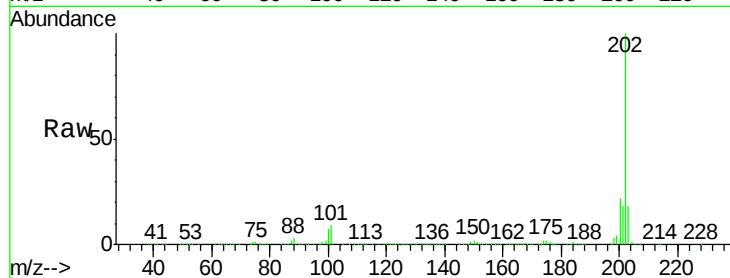
Tgt Ion:202 Resp: 1593947

Ion Ratio Lower Upper

202 100

200 21.9 15.0 22.4

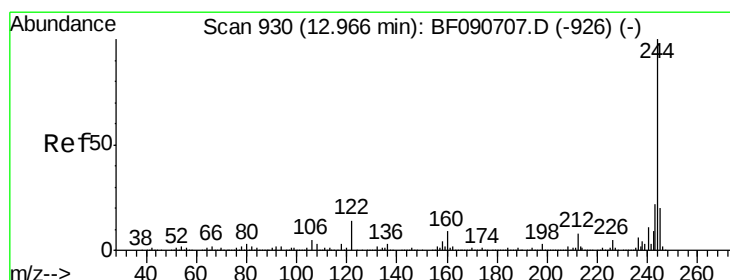
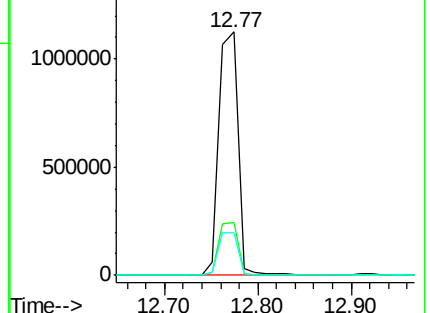
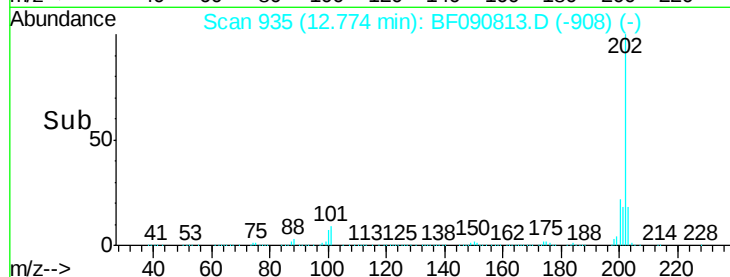
203 17.7 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.09 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

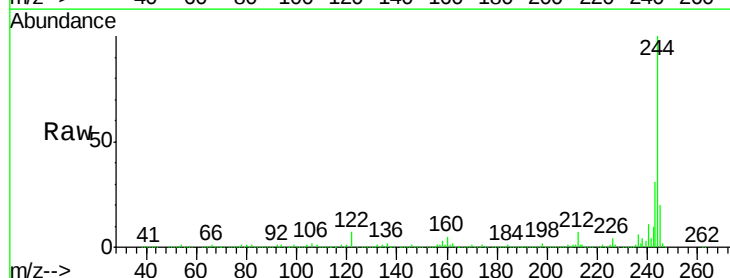
Tgt Ion:244 Resp: 2177896

Ion Ratio Lower Upper

244 100

212 6.6 4.3 6.5#

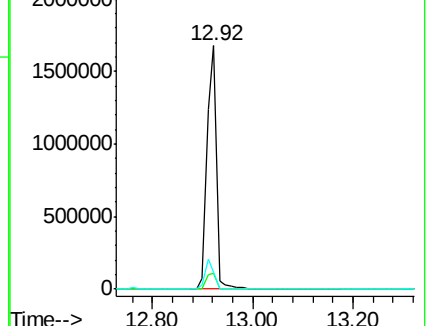
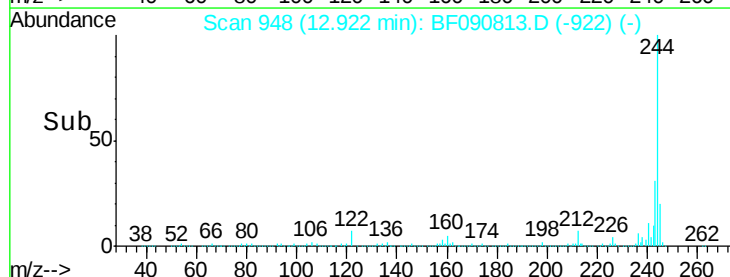
122 7.2 17.4 26.2#

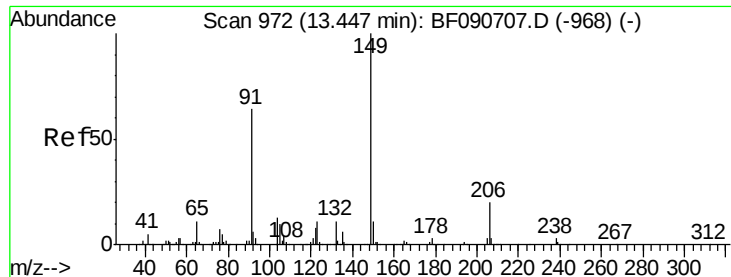


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

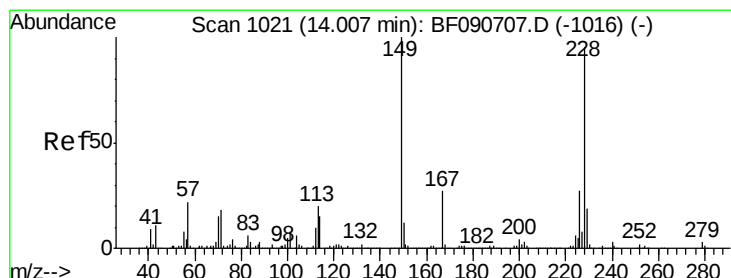
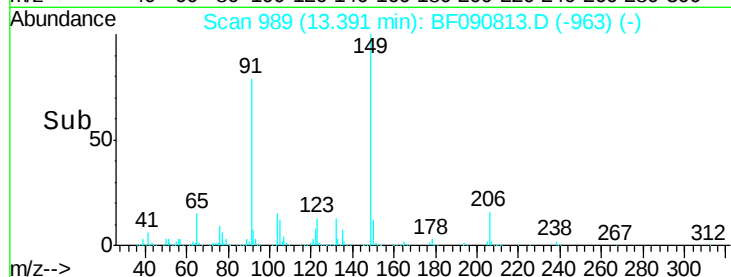
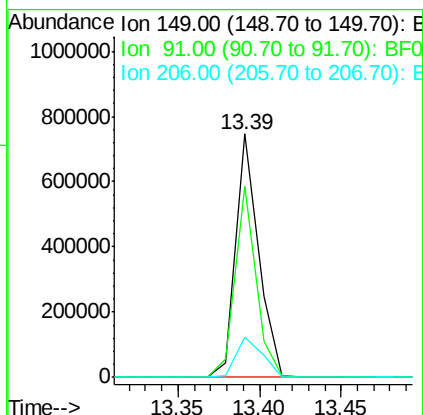
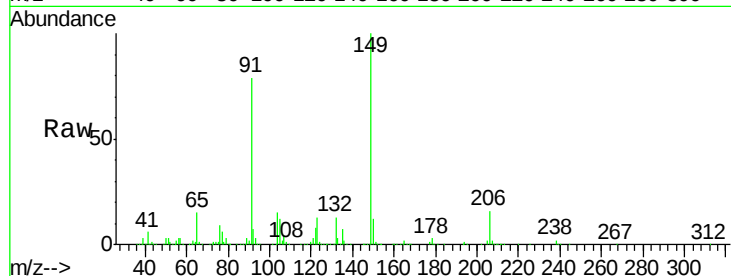




#79
Butylbenzylphthalate
Concen: 40.61 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

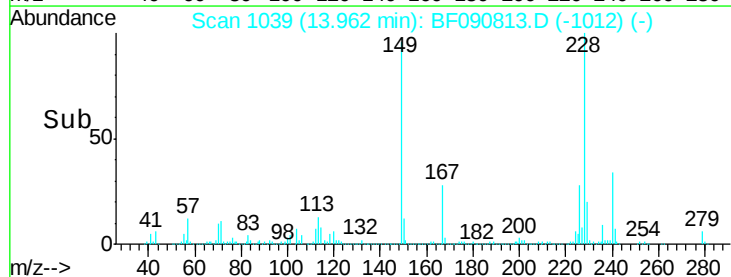
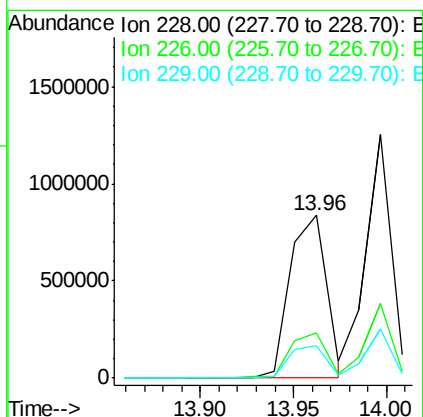
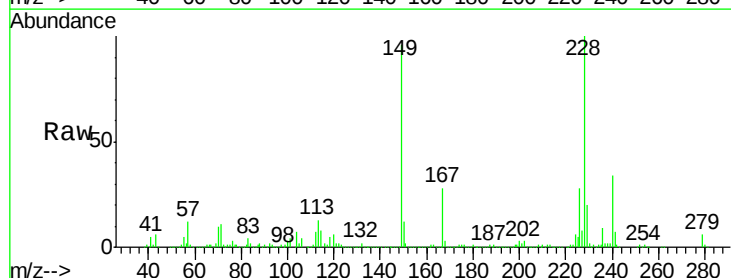
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 722298
Ion Ratio Lower Upper
149 100
91 78.6 48.6 72.8#
206 16.4 14.9 22.3



#80
Benzo(a)anthracene
Concen: 37.45 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion:228 Resp: 1135356
Ion Ratio Lower Upper
228 100
226 27.7 20.0 30.0
229 20.2 15.4 23.2

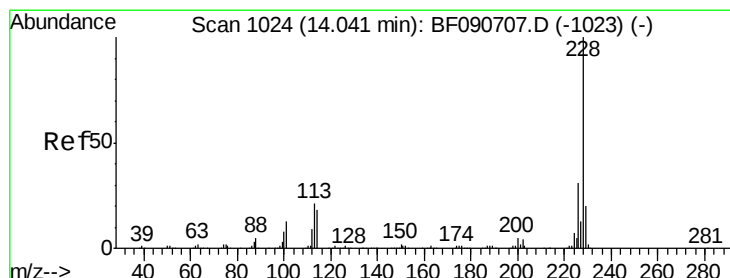
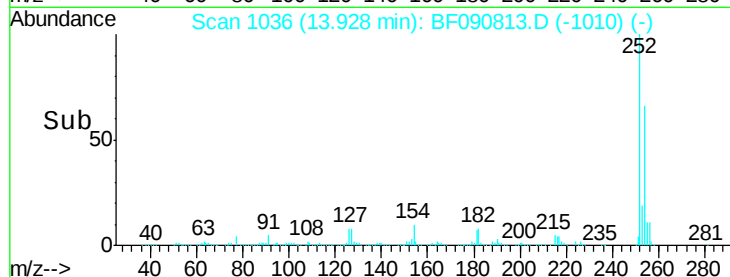
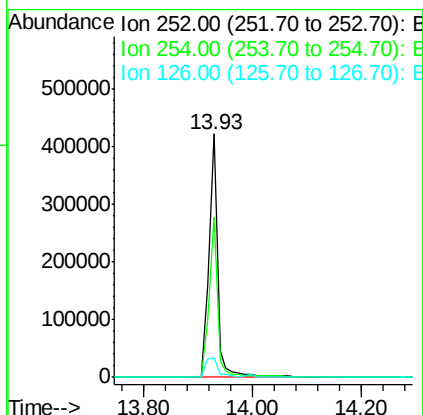
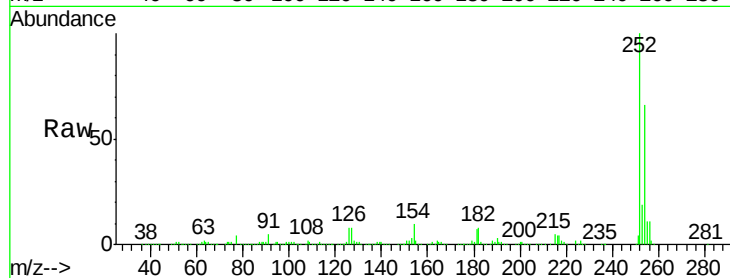




#81
 3,3'-Dichlorobenzidine
 Concen: 45.68 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

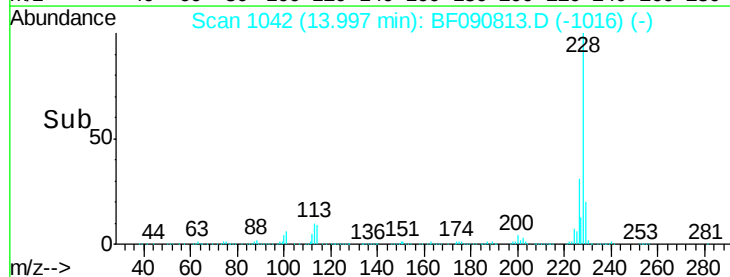
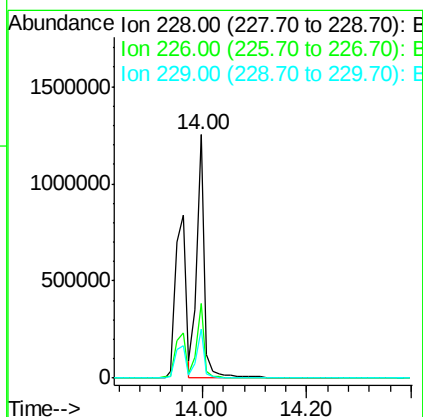
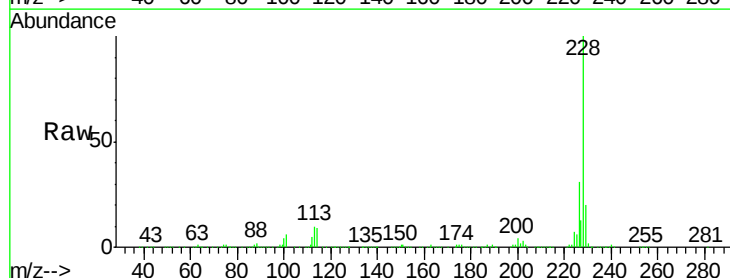
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

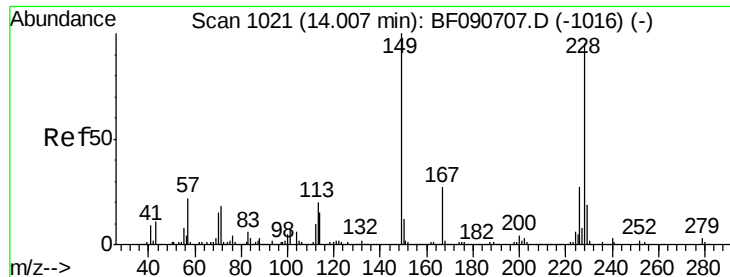
Tgt Ion:252 Resp: 479870
 Ion Ratio Lower Upper
 252 100
 254 65.8 51.4 77.2
 126 7.9 16.4 24.6#



#82
 Chrysene
 Concen: 43.17 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion:228 Resp: 1277518
 Ion Ratio Lower Upper
 228 100
 226 30.9 21.0 31.4
 229 20.4 15.6 23.4

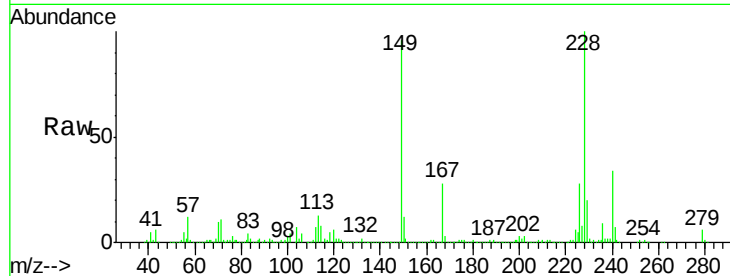




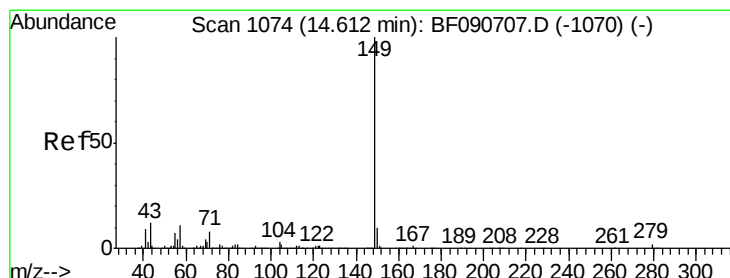
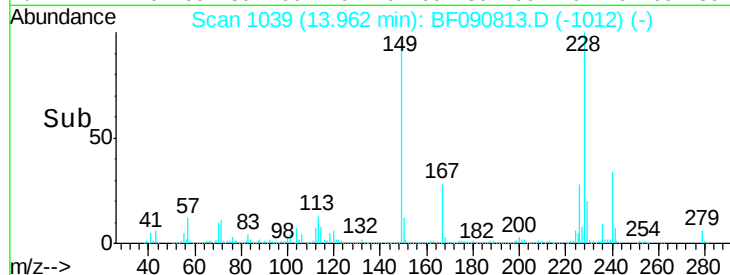
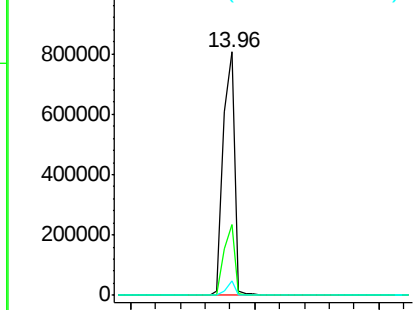
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.38 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:149 Resp: 1002183
 Ion Ratio Lower Upper
 149 100
 167 29.3 24.2 36.2
 279 5.9 3.8 5.6#

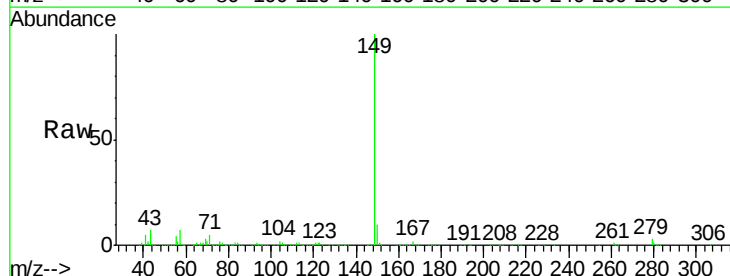


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

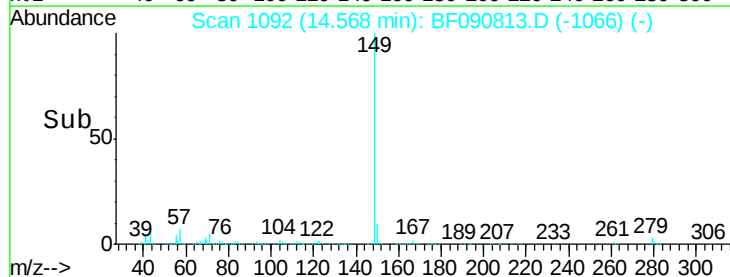
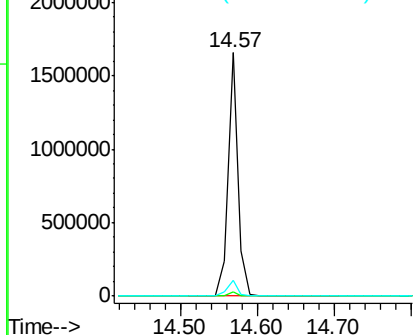


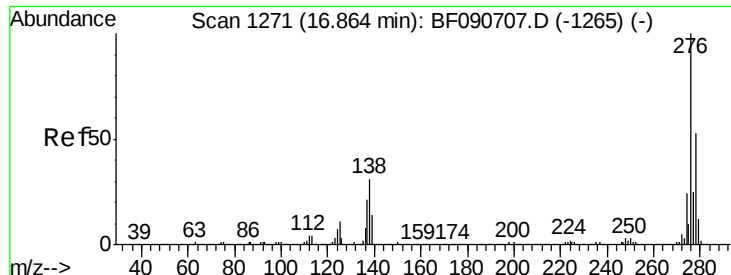
#84
 Di-n-octyl phthalate
 Concen: 39.73 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion:149 Resp: 1534327
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6#
 43 7.0 10.2 15.2#



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

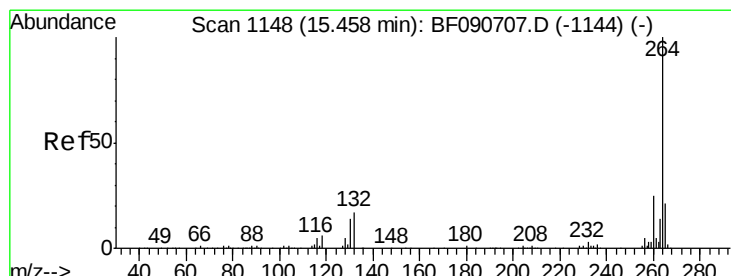
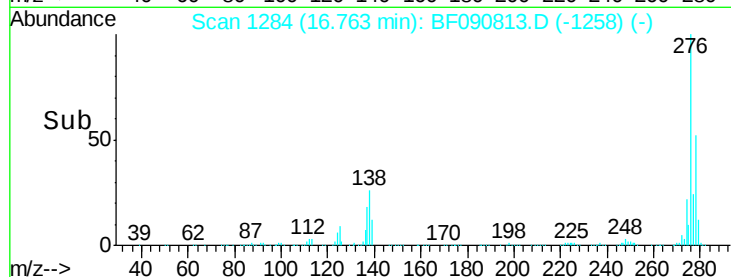
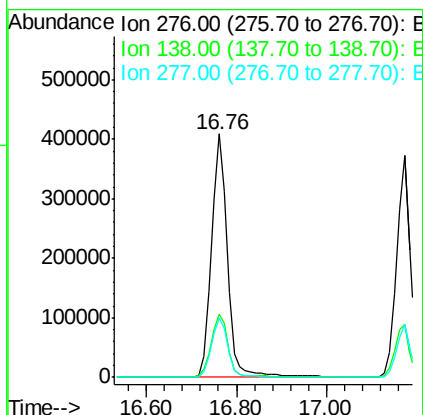
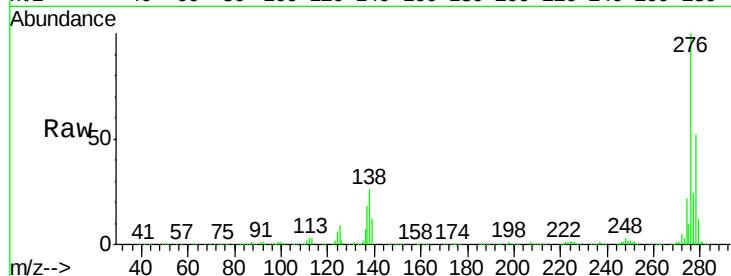




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.37 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

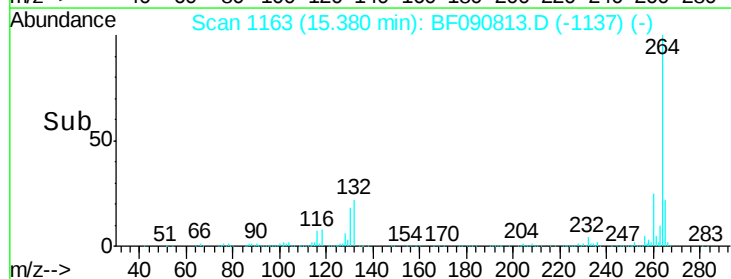
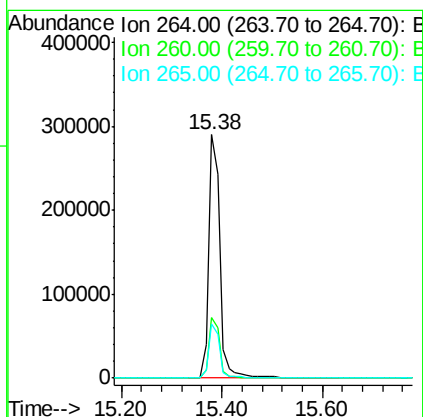
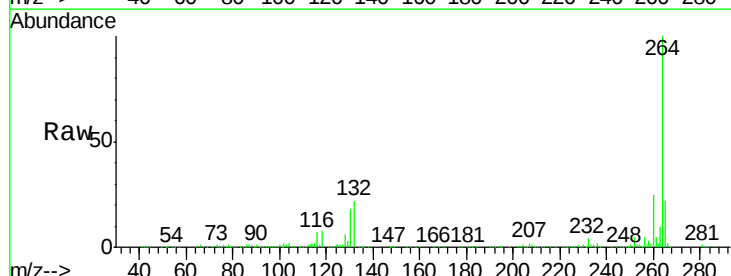
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

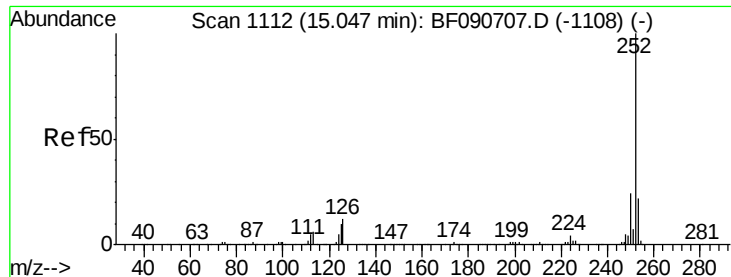
Tgt Ion: 276 Resp: 1016463
 Ion Ratio Lower Upper
 276 100
 138 27.9 25.7 38.5
 277 25.3 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF090813.D
 Acq: 25 Oct 2016 17:57

Tgt Ion: 264 Resp: 448099
 Ion Ratio Lower Upper
 264 100
 260 24.7 16.7 25.1
 265 22.0 17.2 25.8

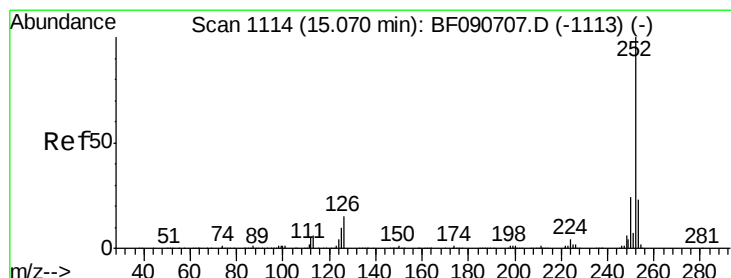
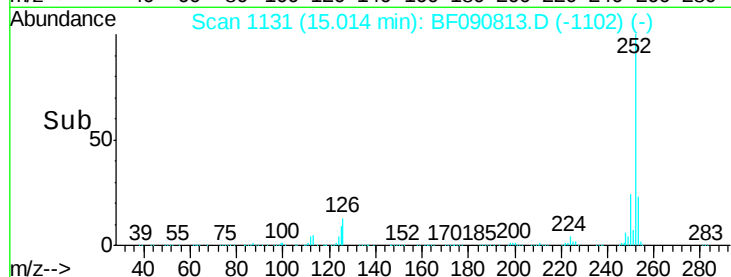
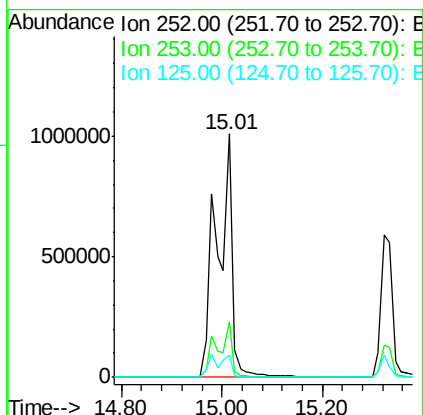
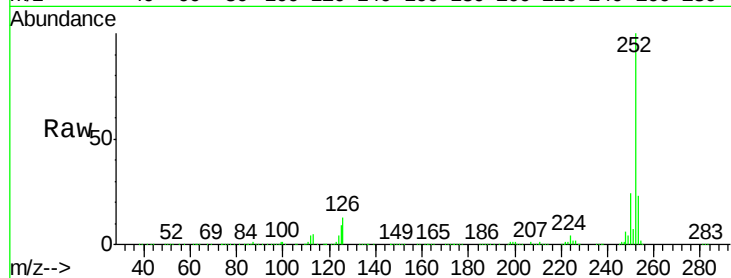




#87
Benzo(b)fluoranthene
Concen: 78.13 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.03 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

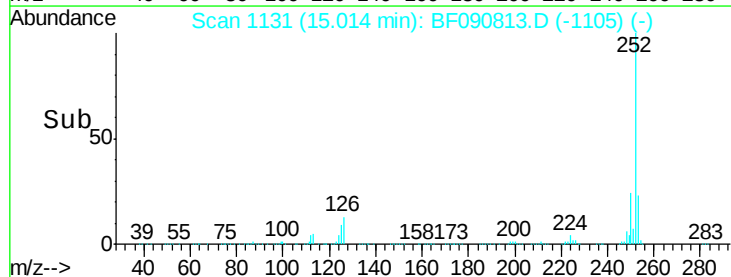
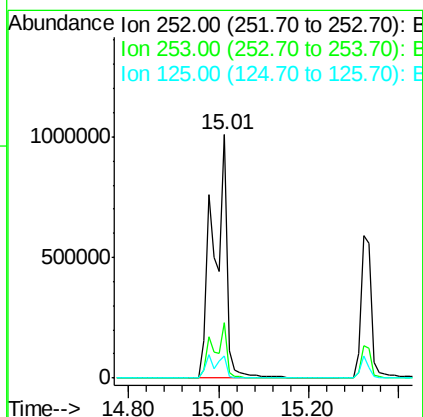
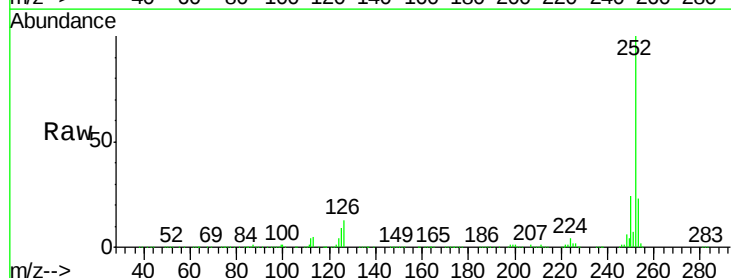
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

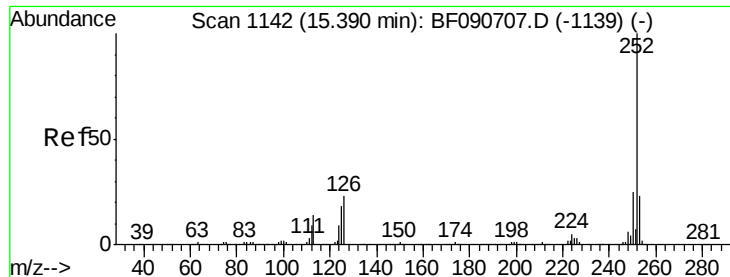
Tgt Ion:252 Resp: 2152855
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 9.0 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 77.90 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF090813.D
Acq: 25 Oct 2016 17:57

Tgt Ion:252 Resp: 2156943
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 9.0 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 37.16 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

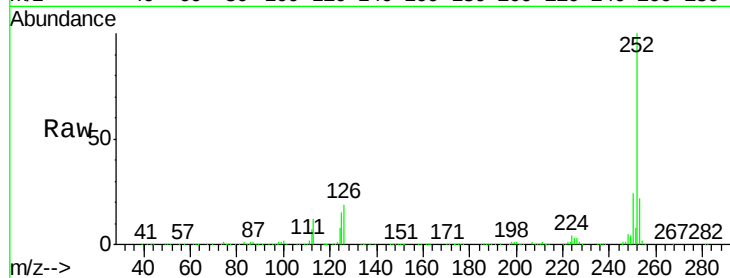
Tgt Ion:252 Resp: 960651

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

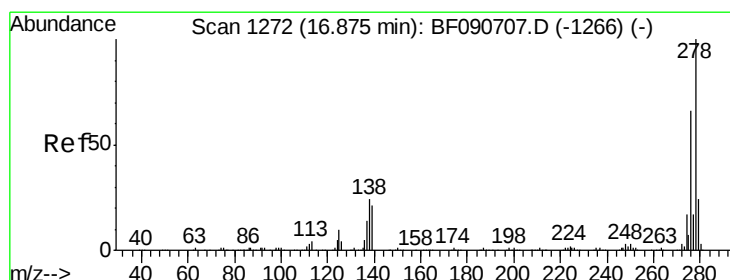
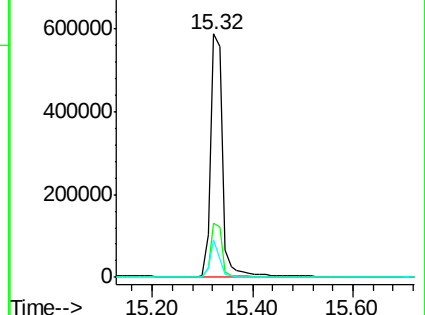
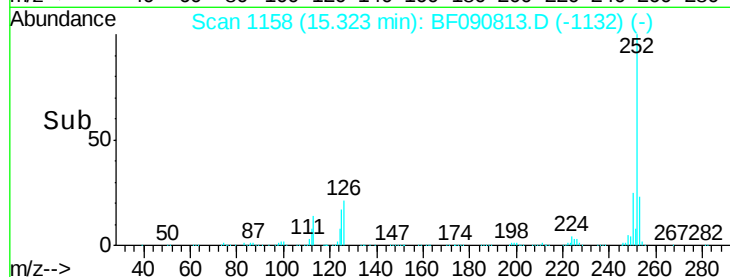
125 15.3 18.0 27.0#



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: 35.81 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

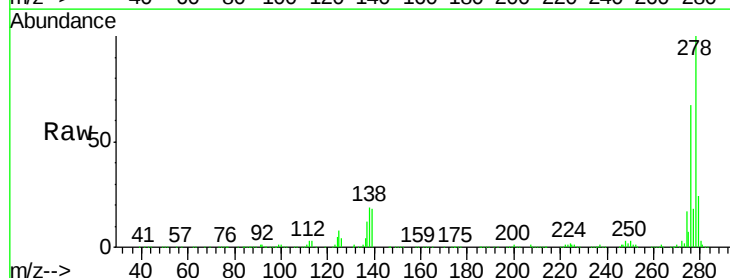
Tgt Ion:278 Resp: 888750

Ion Ratio Lower Upper

278 100

139 17.7 26.3 39.5#

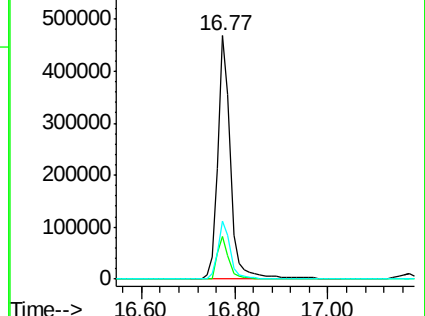
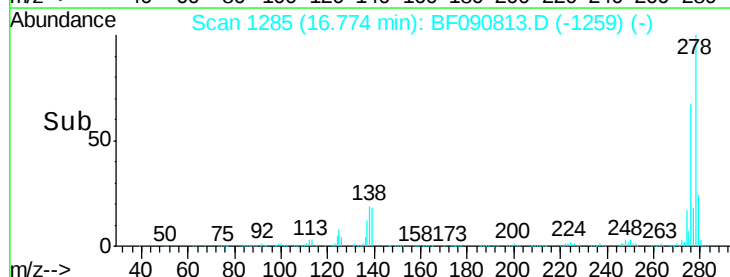
279 24.0 18.2 27.4

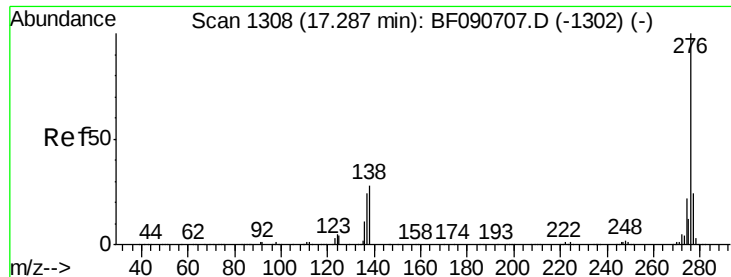


Abundance Ion 278.00 (277.70 to 278.70): E

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: 33.92 ng

RT: 17.17 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF090813.D

Acq: 25 Oct 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

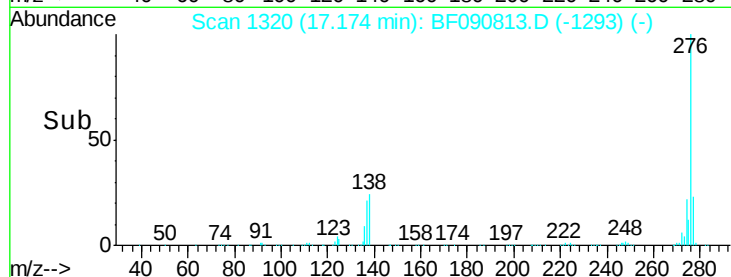
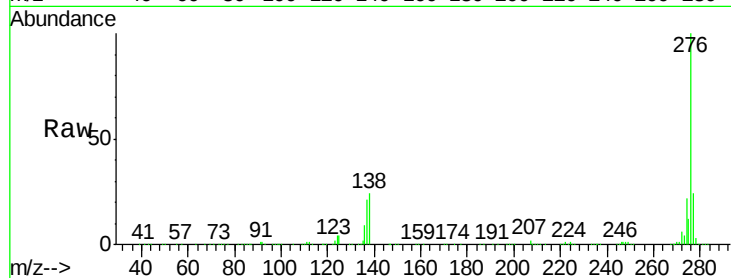
Tgt Ion: 276 Resp: 816532

Ion Ratio Lower Upper

276 100

277 23.5 17.8 26.6

138 23.9 34.6 51.8#



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

