

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102516\
 Data File : BF090810.D
 Acq On : 25 Oct 2016 16:36
 Operator : UM/SJ
 Sample : PB94289BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94289BS

Quant Time: Oct 25 17:03:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	189040	20.00	ng	-0.07
21) Naphthalene-d8	8.09	136	804859	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	439588	20.00	ng	-0.06
63) Phenanthrene-d10	11.33	188	730872	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	491711	20.00	ng	-0.04
86) Perylene-d12	15.38	264	408502	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1422942	121.39	ng	-0.04
7) Phenol-d6	6.44	99	1634285	102.93	ng	-0.06
23) Nitrobenzene-d5	7.37	82	1031347	70.28	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	511245	146.94	ng	-0.05
44) 2-Fluorobiphenyl	9.17	172	2222516	78.49	ng	-0.05
78) Terphenyl-d14	12.92	244	2195913	102.35	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	213772	31.52	ng	# 73
3) Pyridine	3.15	79	624303	39.28	ng	# 75
4) n-Nitrosodimethylamine	3.10	42	192646	35.43	ng	# 63
6) Aniline	6.46	93	281481	15.64	ng	# 51
8) 2-Chlorophenol	6.59	128	531255	37.76	ng	92
9) Benzaldehyde	6.34	77	96472	11.11	ng	# 74
10) Phenol	6.45	94	550697	30.86	ng	# 66
11) bis(2-Chloroethyl)ether	6.53	93	528082	35.22	ng	94
12) 1,3-Dichlorobenzene	6.74	146	575277	40.70	ng	# 94
13) 1,4-Dichlorobenzene	6.82	146	588673	39.27	ng	# 95
14) 1,2-Dichlorobenzene	6.82	146	593487	40.44	ng	97
15) Benzyl Alcohol	6.94	79	397136	36.83	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.08	45	528067	23.51	ng	63
17) 2-Methylphenol	7.07	107	441247	41.62	ng	# 85
18) Hexachloroethane	7.31	117	203885	33.50	ng	# 83
19) n-Nitroso-di-n-propylamine	7.22	70	368388	31.16	ng	# 70
20) 3+4-Methylphenols	7.22	107	520335	41.41	ng	# 67
22) Acetophenone	7.22	105	721158	40.21	ng	# 83
24) Nitrobenzene	7.39	77	555814	34.94	ng	# 80
25) Isophorone	7.63	82	1065566	38.36	ng	# 92
26) 2-Nitrophenol	7.70	139	284610	43.79	ng	# 60
27) 2,4-Dimethylphenol	7.74	122	464536	40.31	ng	# 80
28) bis(2-Chloroethoxy)methane	7.85	93	642076	42.25	ng	# 95
29) 2,4-Dichlorophenol	7.95	162	462863	48.94	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	498210	44.76	ng	98
31) Naphthalene	8.11	128	1610707	40.91	ng	97
32) Benzoic acid	7.89	122	287578	37.38	ng	# 75
33) 4-Chloroaniline	8.17	127	153377	10.50	ng	# 96
34) Hexachlorobutadiene	8.22	225	262826	42.00	ng	98
35) Caprolactam	8.53	113	94812	35.10	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	476998	43.36	ng	95
37) 2-Methylnaphthalene	8.81	142	1013723	44.06	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	467669	39.40	ng	99
40) Hexachlorocyclopentadiene	8.96	237	492370	88.36	ng	96

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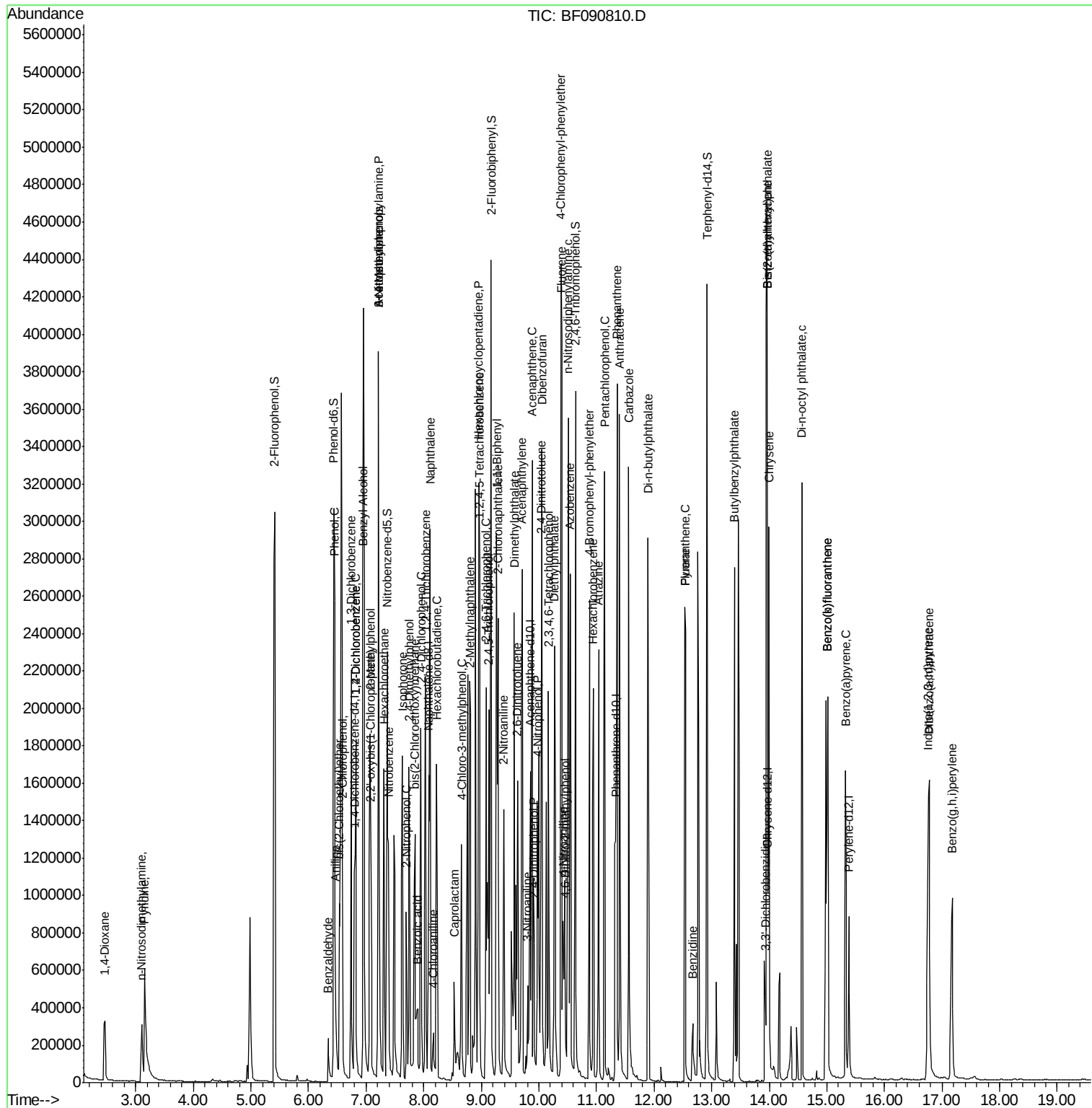
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	322944	43.87	ng	100
43) 2,4,5-Trichlorophenol	9.13	196	347999	46.59	ng #	95
45) 1,1'-Biphenyl	9.26	154	1205454	34.92	ng	94
46) 2-Chloronaphthalene	9.29	162	975864	38.03	ng #	90
47) 2-Nitroaniline	9.39	65	306446	35.98	ng #	81
48) Acenaphthylene	9.71	152	1606688	41.04	ng	96
49) Dimethylphthalate	9.57	163	1133677	41.04	ng #	97
50) 2,6-Dinitrotoluene	9.63	165	248815	41.89	ng #	62
51) Acenaphthene	9.88	154	1118689	43.04	ng	90
52) 3-Nitroaniline	9.80	138	125492	18.38	ng #	73
53) 2,4-Dinitrophenol	9.92	184	261933	77.95	ng #	82
54) Dibenzofuran	10.05	168	1487705	47.25	ng #	88
55) 4-Nitrophenol	9.97	139	365591	86.62	ng #	62
56) 2,4-Dinitrotoluene	10.04	165	398413	54.88	ng #	93
57) Fluorene	10.40	166	1197422	45.89	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.17	232	288270	49.17	ng	97
59) Diethylphthalate	10.27	149	1204077	42.03	ng	96
60) 4-Chlorophenyl-phenylether	10.38	204	525878	44.10	ng #	84
61) 4-Nitroaniline	10.42	138	270973	39.18	ng #	48
62) Azobenzene	10.54	77	1322333	39.42	ng	85
64) 4,6-Dinitro-2-methylphenol	10.45	198	177739	38.96	ng #	63
65) n-Nitrosodiphenylamine	10.51	169	1021783	43.64	ng	89
66) 4-Bromophenyl-phenylether	10.88	248	340509	48.06	ng	98
67) Hexachlorobenzene	10.94	284	402619	48.15	ng #	80
68) Atrazine	11.04	200	286823	44.38	ng	85
69) Pentachlorophenol	11.14	266	442564	82.75	ng	99
70) Phenanthrene	11.36	178	1678947	45.07	ng	95
71) Anthracene	11.40	178	1599953	38.73	ng	95
72) Carbazole	11.56	167	1507660	43.65	ng #	93
73) Di-n-butylphthalate	11.89	149	1802043	40.22	ng #	97
74) Fluoranthene	12.54	202	1591470	44.16	ng	87
76) Benzidine	12.67	184	297544	27.25	ng	98
77) Pyrene	12.54	202	1580257	46.02	ng	96
79) Butylbenzylphthalate	13.39	149	704956	44.66	ng #	86
80) Benzo(a)anthracene	13.96	228	1166851	43.36	ng	97
81) 3,3'-Dichlorobenzidine	13.93	252	221756	23.78	ng #	92
82) Chrysene	14.00	228	1296812	49.38	ng	94
83) Bis(2-ethylhexyl)phthalate	13.96	149	1016176	44.99	ng #	98
84) Di-n-octyl phthalate	14.57	149	1584648	46.23	ng #	87
85) Indeno(1,2,3-cd)pyrene	16.76	276	1018927	44.47	ng #	91
87) Benzo(b)fluoranthene	15.01	252	2115015	84.20	ng #	86
88) Benzo(k)fluoranthene	15.01	252	2116407	83.84	ng #	87
89) Benzo(a)pyrene	15.32	252	961722	40.81	ng #	90
90) Dibenzo(a,h)anthracene	16.77	278	865161	38.24	ng #	83
91) Benzo(g,h,i)perylene	17.17	276	813309	37.06	ng #	79

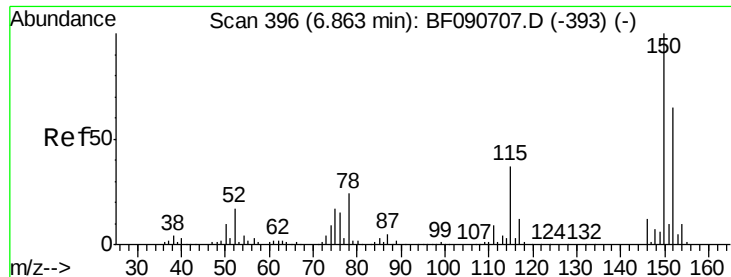
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.07 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

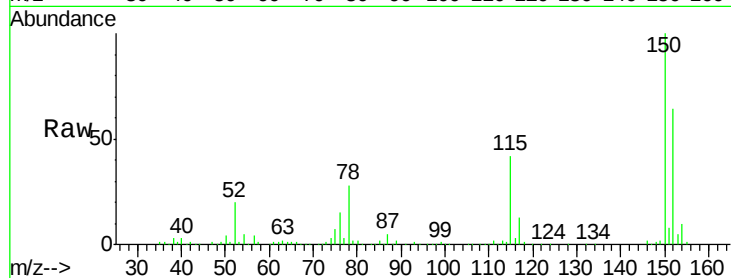
Tgt Ion:152 Resp: 189040

Ion Ratio Lower Upper

152 100

150 156.9 124.7 187.1

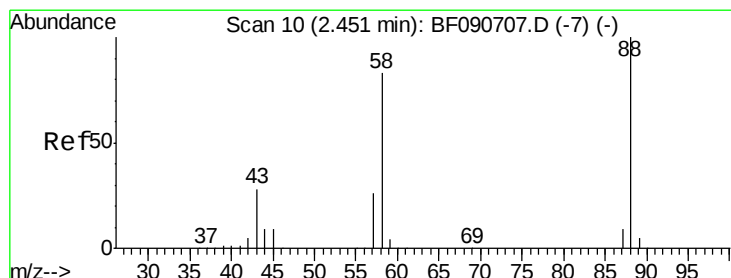
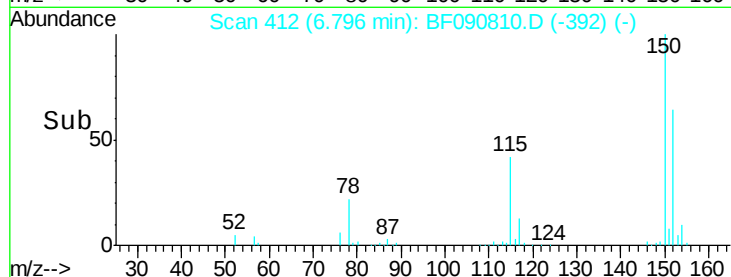
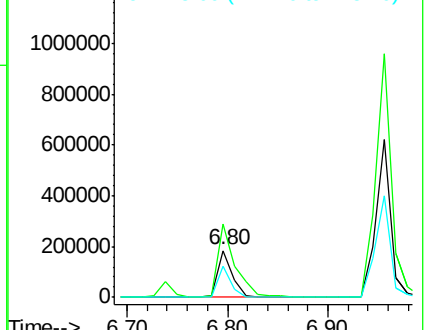
115 66.1 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 31.52 ng

RT: 2.46 min Scan# 33

Delta R.T. -0.02 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

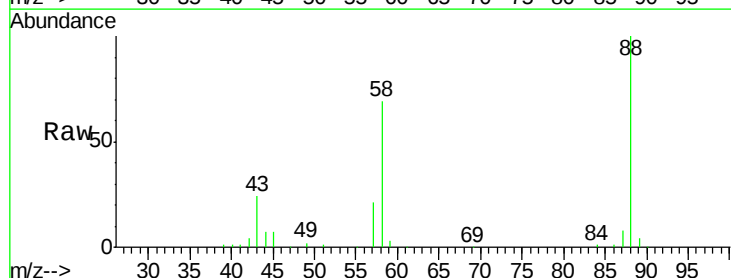
Tgt Ion: 88 Resp: 213772

Ion Ratio Lower Upper

88 100

58 69.0 77.7 116.5#

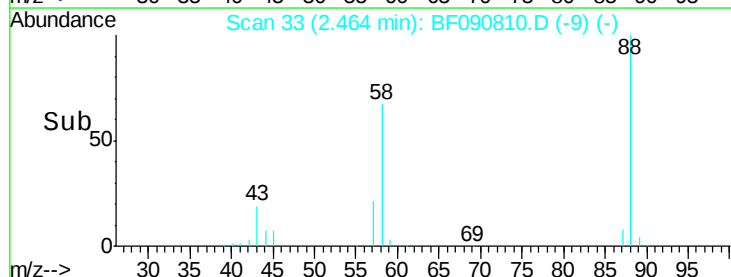
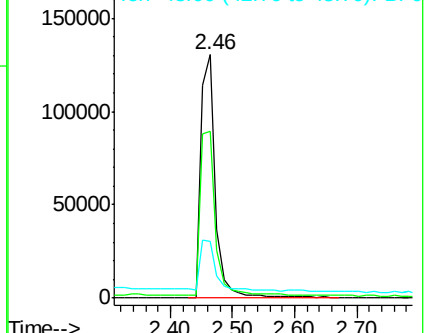
43 21.4 26.6 40.0#

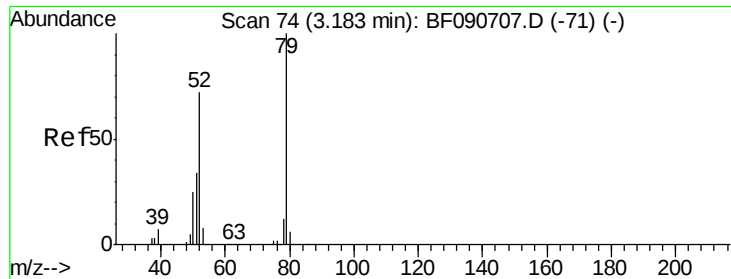


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.28 ng

RT: 3.15 min Scan# 93

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampled :

PB94289BS

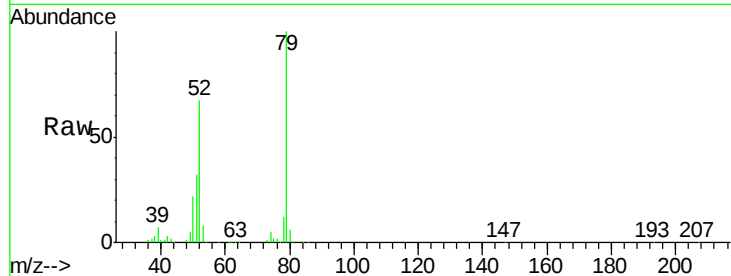
Tgt Ion: 79 Resp: 624303

Ion Ratio Lower Upper

79 100

52 67.1 76.8 115.2#

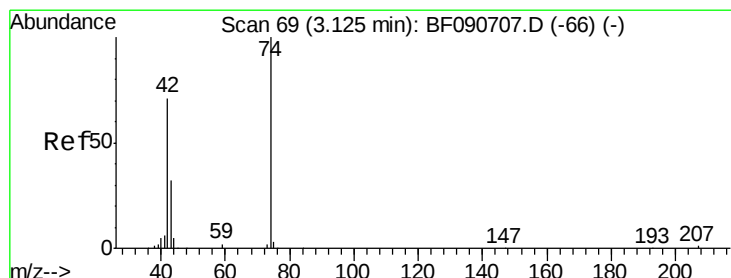
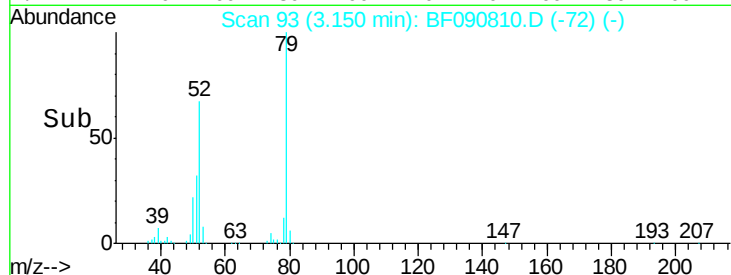
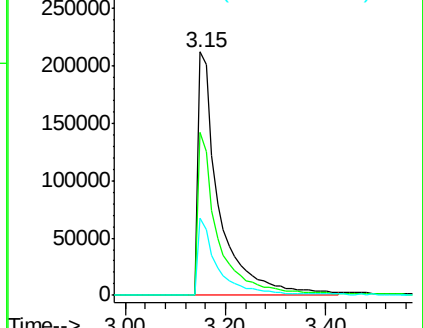
51 31.8 32.2 48.4#



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: 35.43 ng

RT: 3.10 min Scan# 89

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

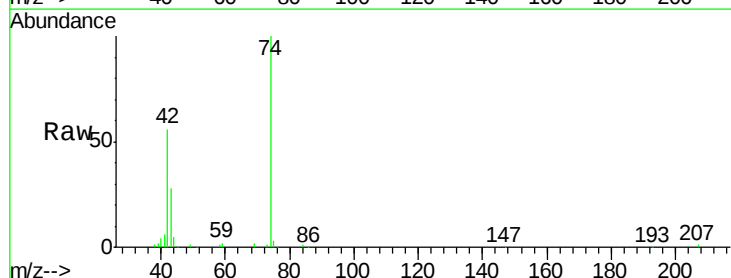
Tgt Ion: 42 Resp: 192646

Ion Ratio Lower Upper

42 100

74 177.7 105.0 157.6#

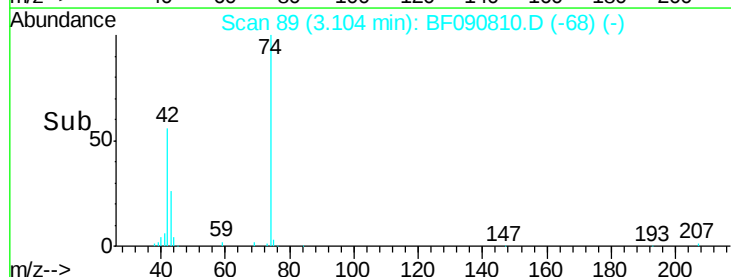
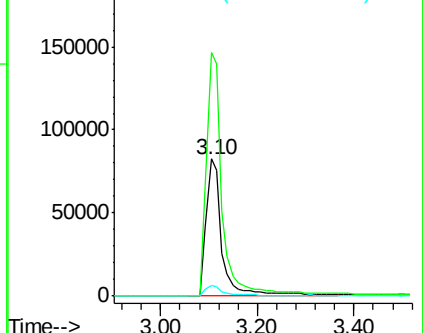
44 8.2 6.6 10.0

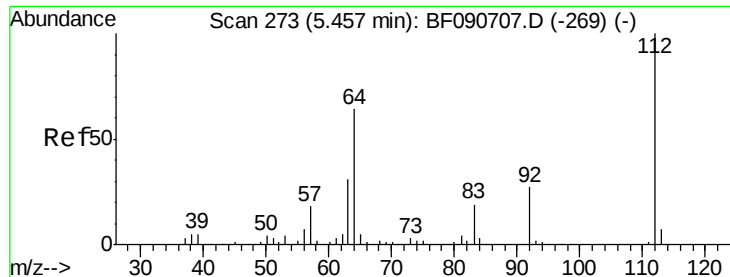


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 121.39 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.04 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

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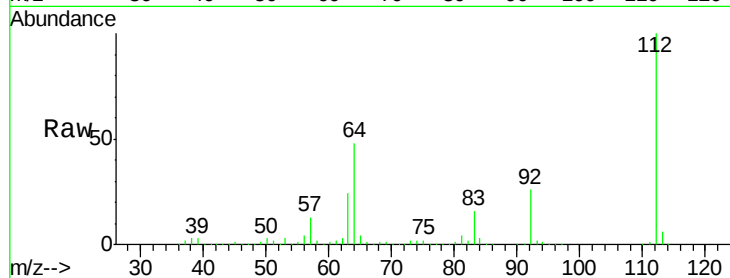
Tgt Ion:112 Resp: 1422942

Ion Ratio Lower Upper

112 100

64 48.4 39.7 59.5

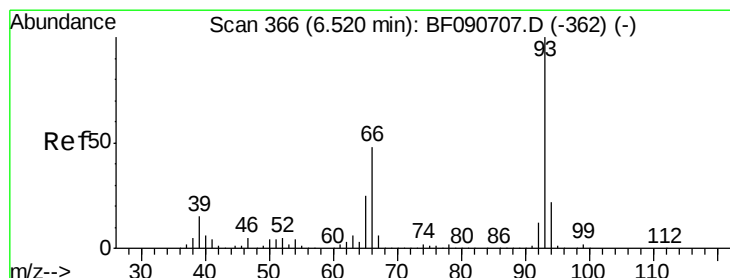
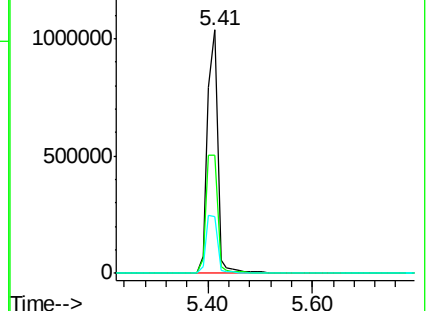
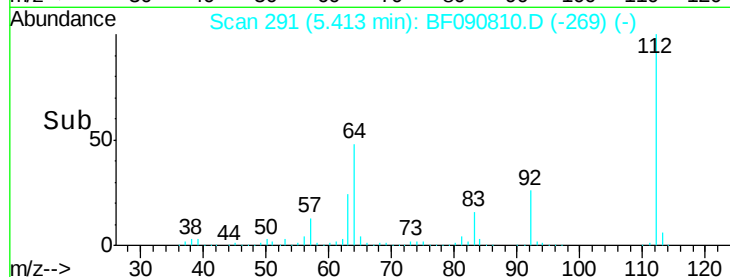
63 23.5 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.64 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

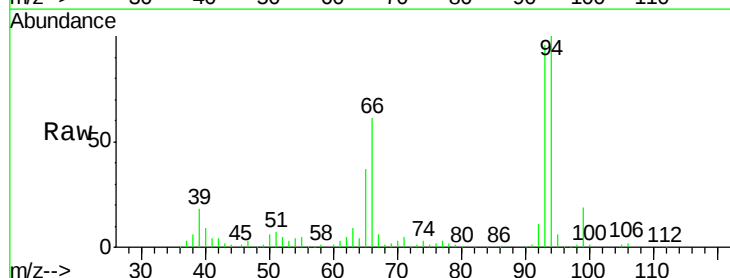
Tgt Ion: 93 Resp: 281481

Ion Ratio Lower Upper

93 100

66 63.4 27.2 40.8#

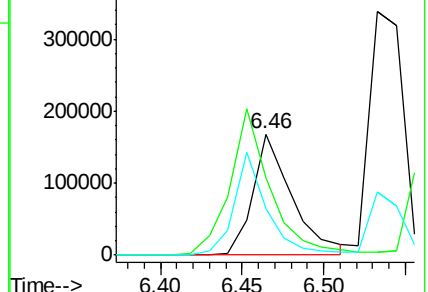
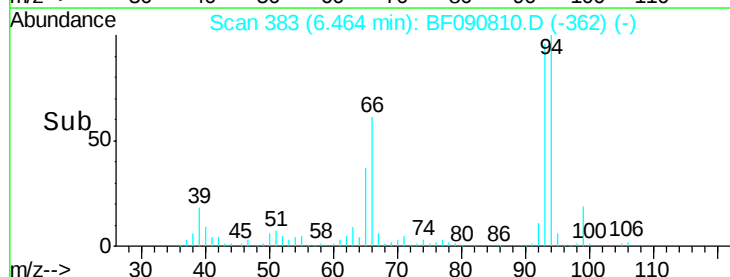
65 38.4 14.7 22.1#

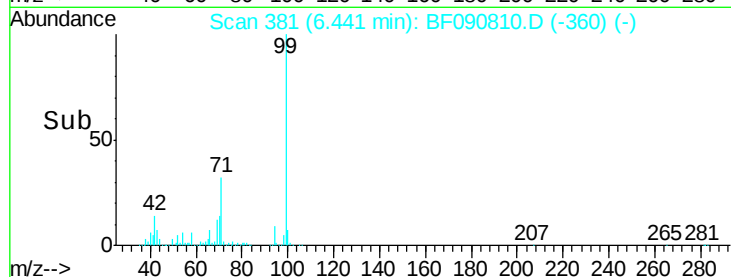
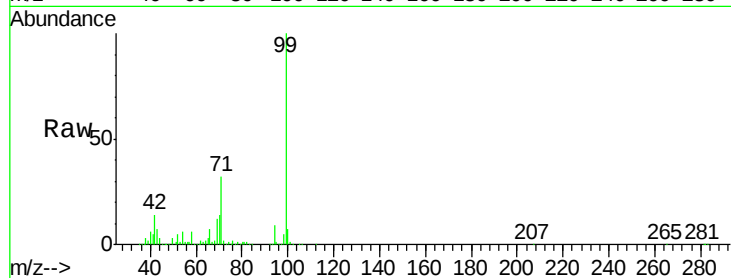
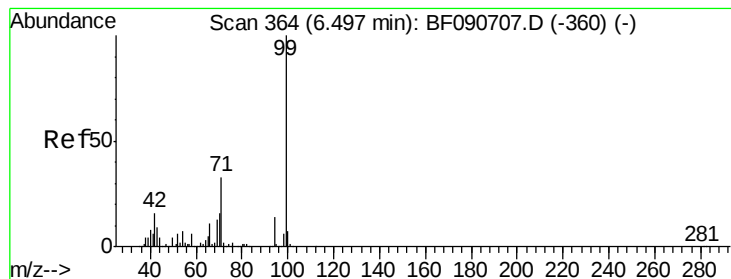


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 102.93 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.06 min

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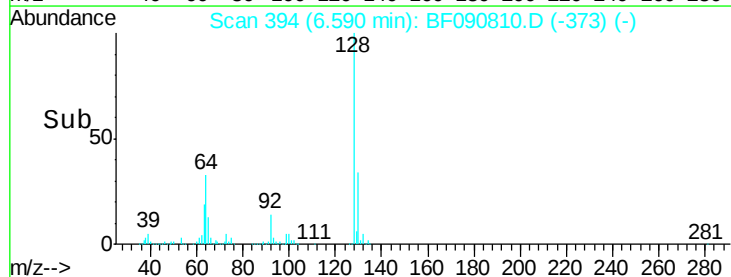
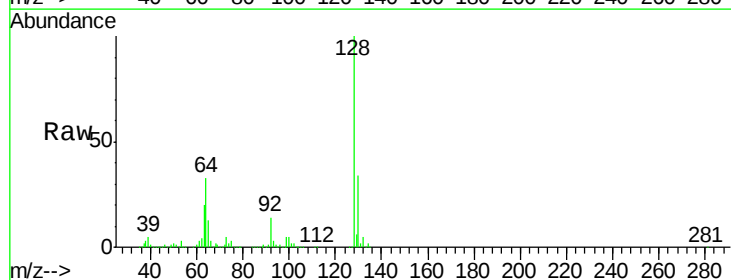
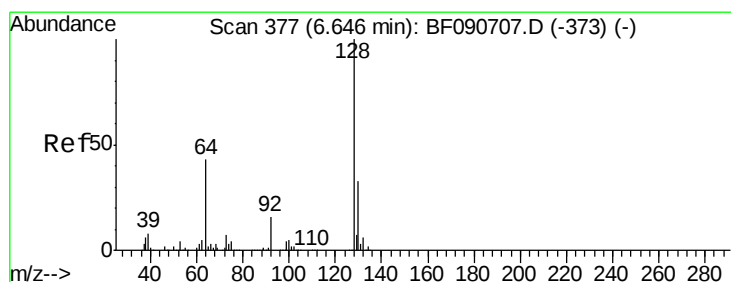
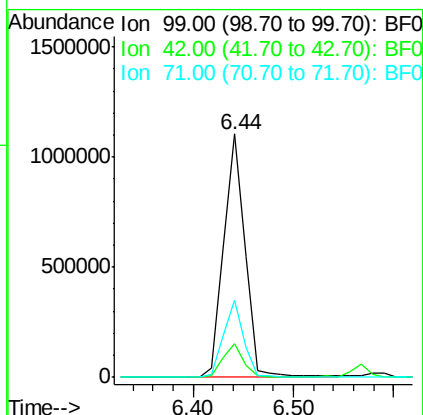
Tgt Ion: 99 Resp: 1634285

Ion Ratio Lower Upper

99 100

42 14.1 13.7 20.5

71 31.8 14.2 21.2#



#8

2-Chlorophenol

Concen: 37.76 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

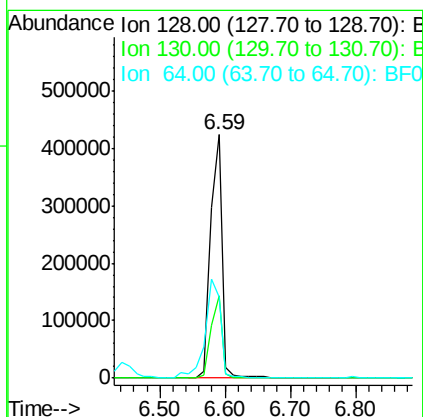
Tgt Ion: 128 Resp: 531255

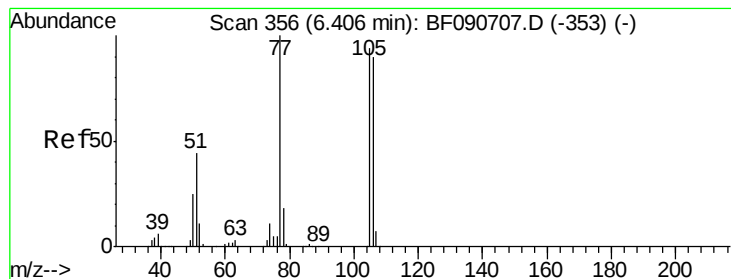
Ion Ratio Lower Upper

128 100

130 33.6 12.2 52.2

64 33.1 20.5 60.5





#9

Benzaldehyde

Concen: 11.11 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.07 min

Lab File: BF090810.D

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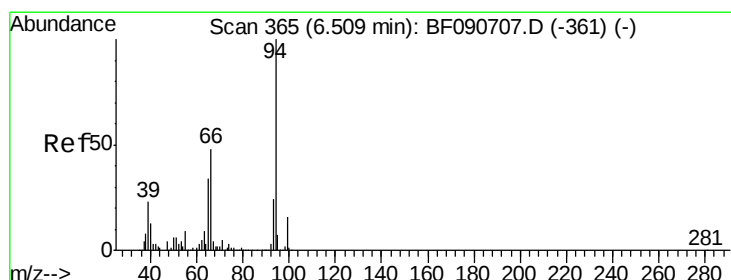
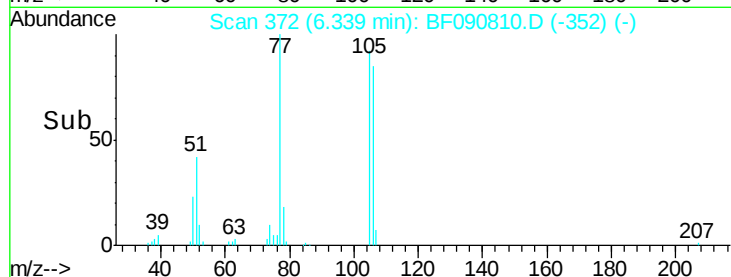
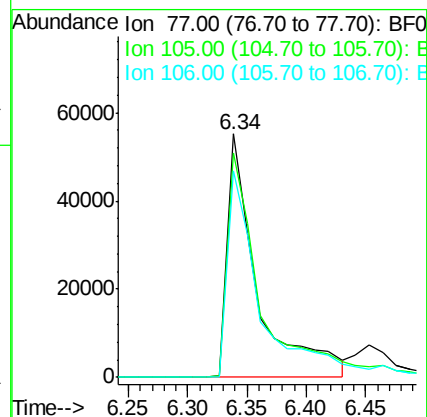
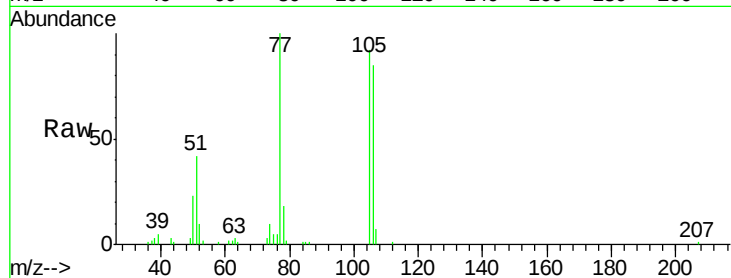
Tgt Ion: 77 Resp: 96472

Ion Ratio Lower Upper

77 100

105 92.1 91.6 131.6

106 85.1 102.6 142.6#



#10

Phenol

Concen: 30.86 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

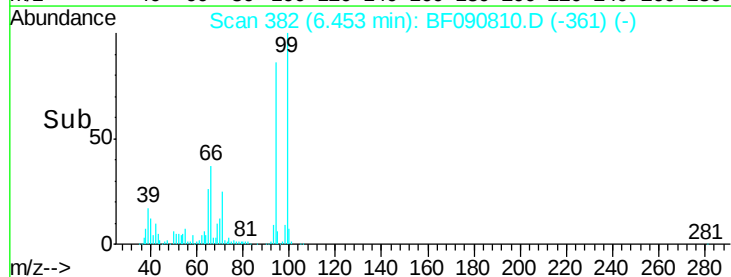
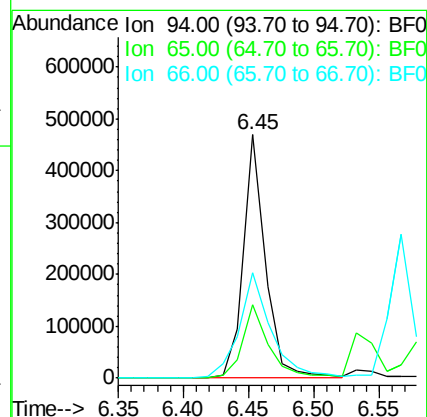
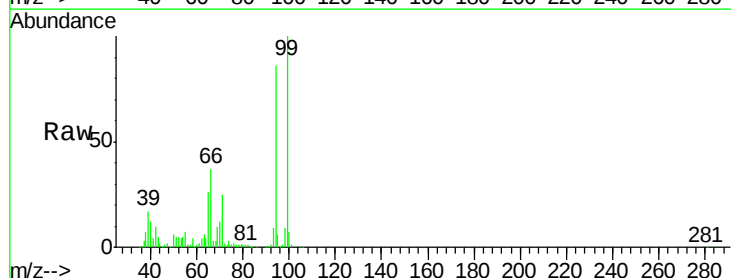
Tgt Ion: 94 Resp: 550697

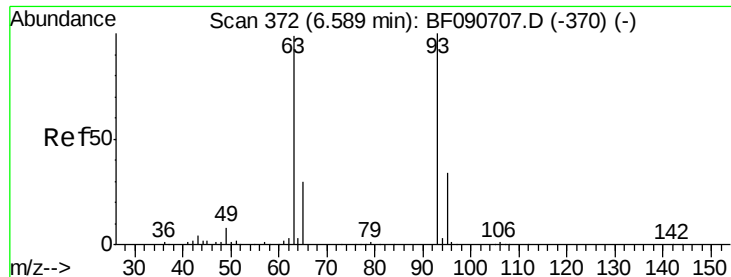
Ion Ratio Lower Upper

94 100

65 30.3 0.7 40.7

66 43.2 0.8 40.8#

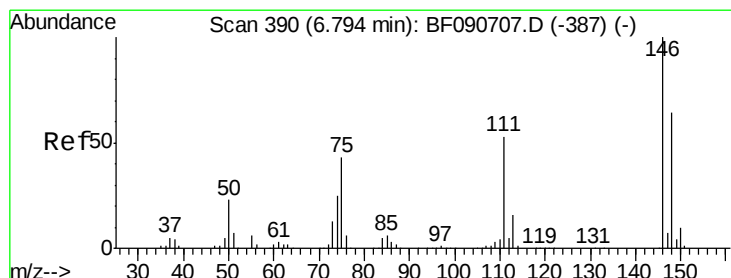
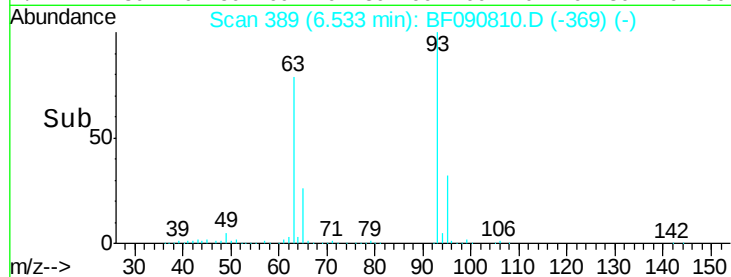
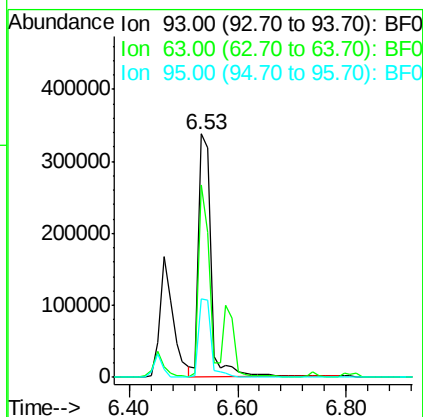
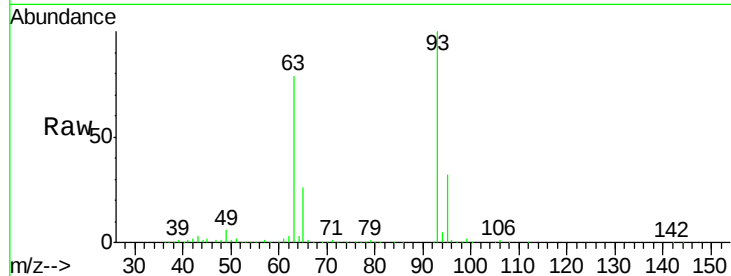




#11
bis(2-Chloroethyl)ether
Concen: 35.22 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.07 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

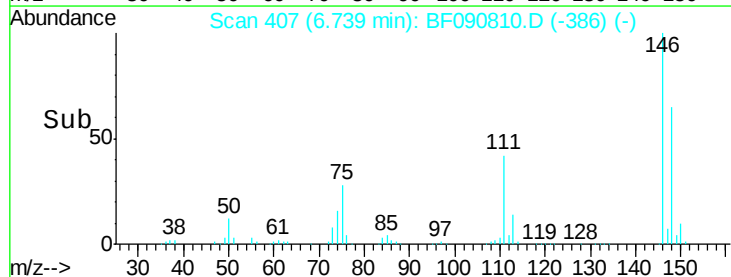
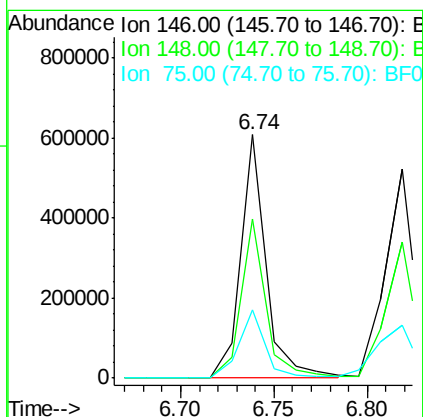
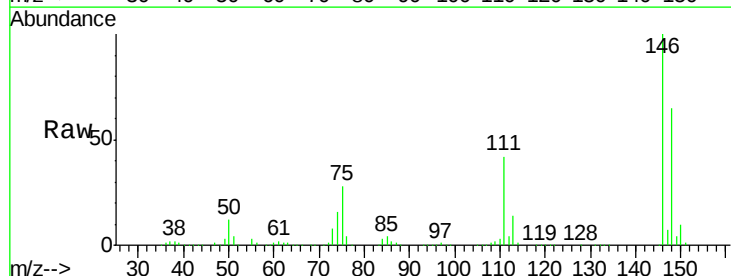
Instrument :
BNA_F
ClientSampleId :
PB94289BS

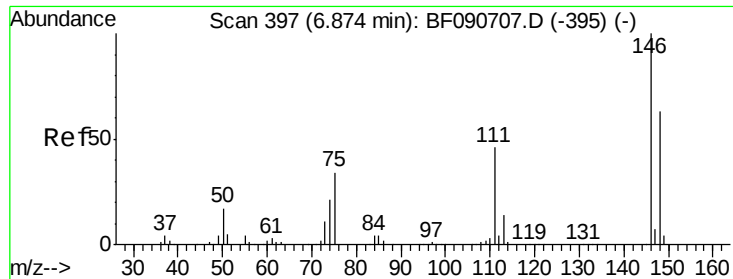
Tgt Ion: 93 Resp: 528082
Ion Ratio Lower Upper
93 100
63 79.1 65.6 105.6
95 32.1 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 40.70 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.06 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion: 146 Resp: 575277
Ion Ratio Lower Upper
146 100
148 65.3 51.0 76.4
75 27.9 15.0 22.6#

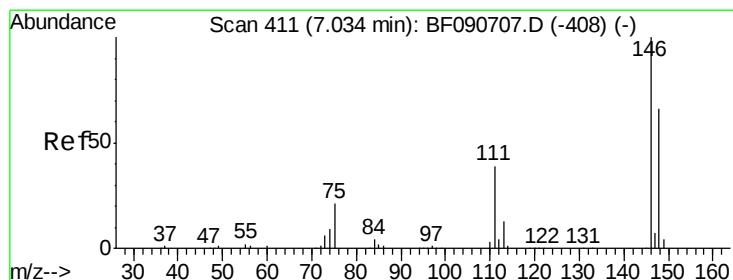
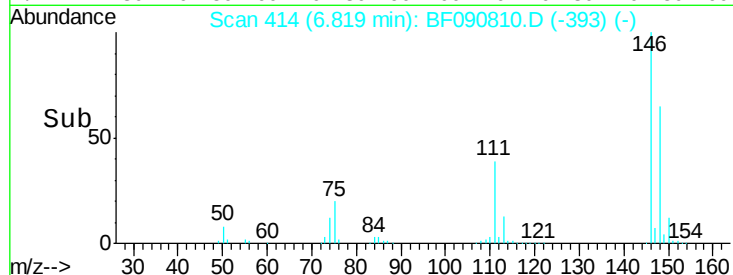
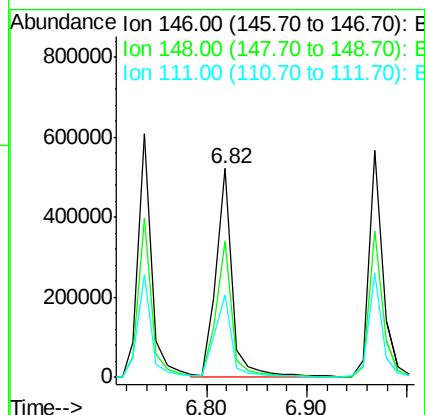
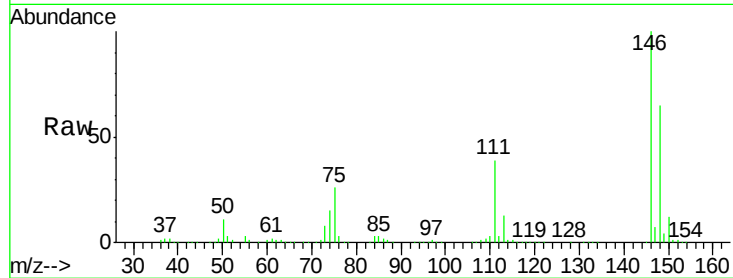




#13
 1,4-Dichlorobenzene
 Concen: 39.27 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.06 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

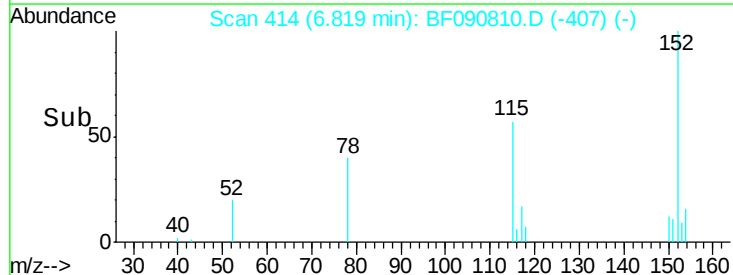
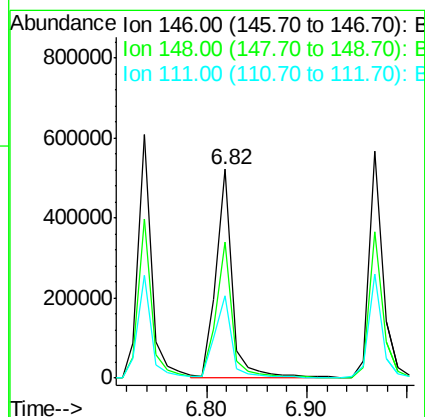
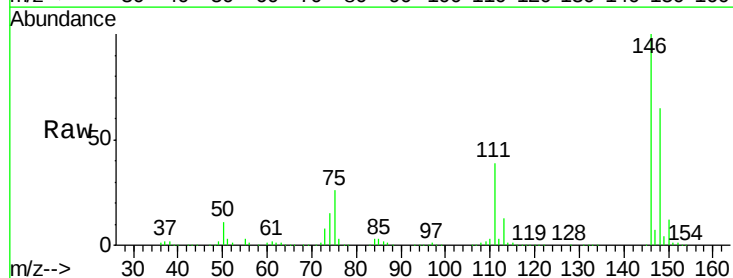
Instrument :
 BNA_F
 ClientSampleId :
 PB94289BS

Tgt Ion:146 Resp: 588673
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.8 77.6
 111 39.2 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 40.44 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.22 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Tgt Ion:146 Resp: 593487
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.7 79.1
 111 39.2 28.8 43.2





#15

Benzyl Alcohol

Concen: 36.83 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

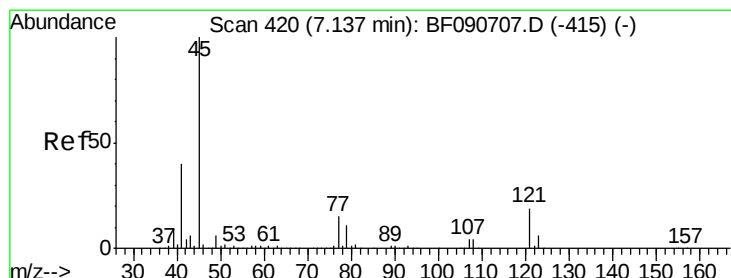
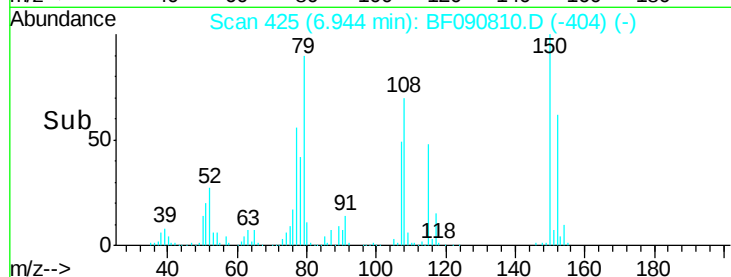
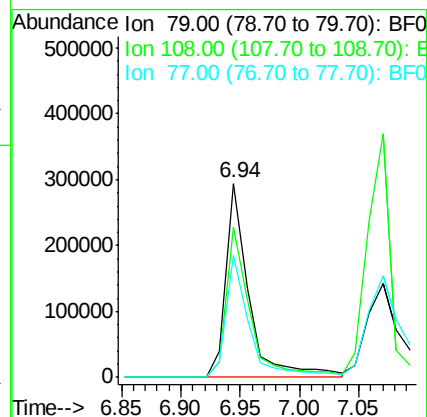
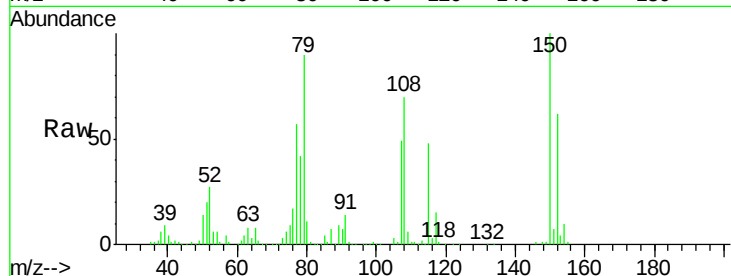
Tgt Ion: 79 Resp: 397136

Ion Ratio Lower Upper

79 100

108 77.6 88.6 132.8#

77 62.7 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.51 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

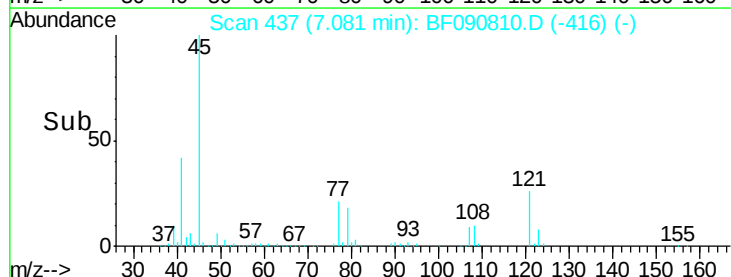
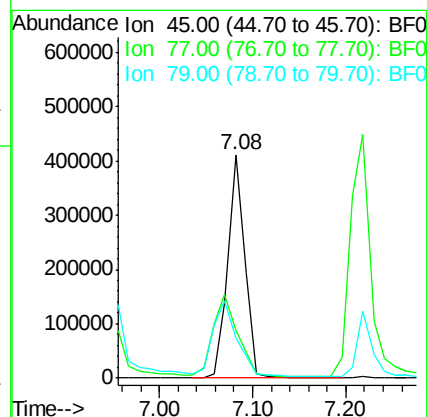
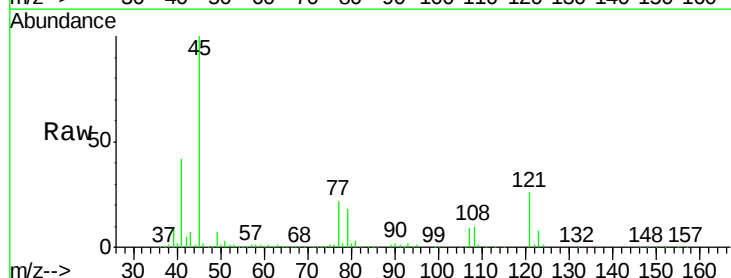
Tgt Ion: 45 Resp: 528067

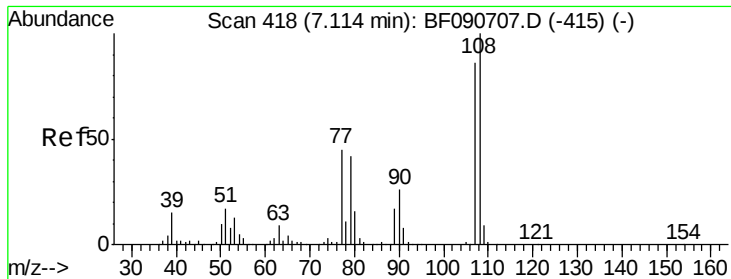
Ion Ratio Lower Upper

45 100

77 21.5 0.0 28.1

79 17.9 0.0 26.0

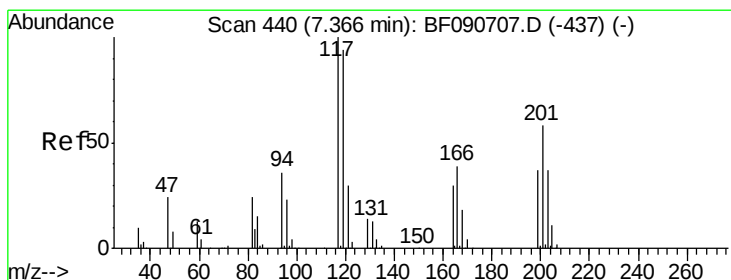
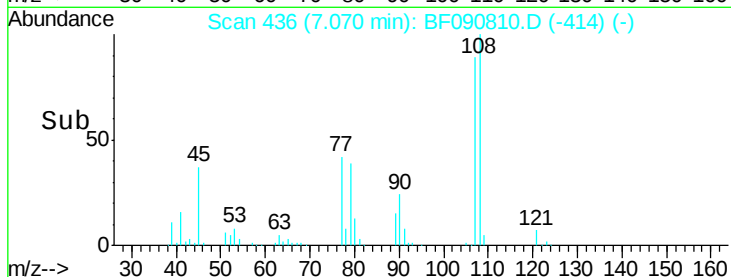
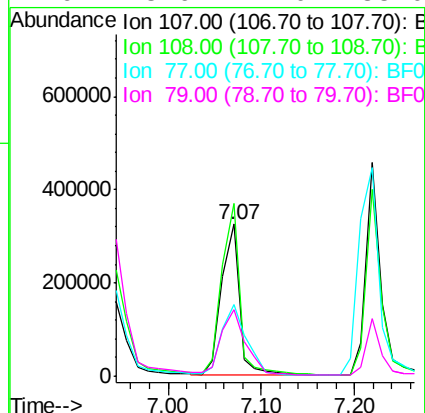
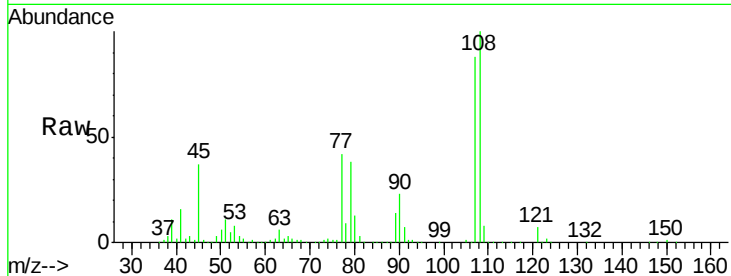




#17
2-Methylphenol
Concen: 41.62 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.04 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

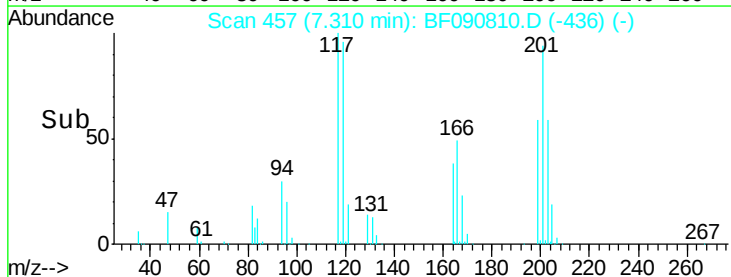
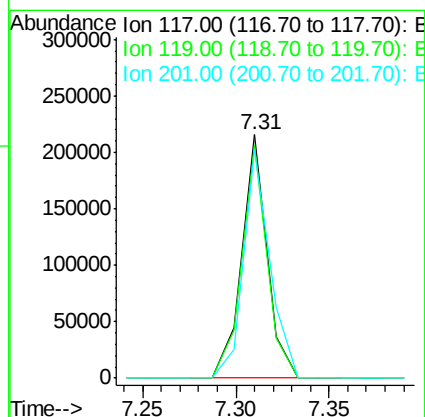
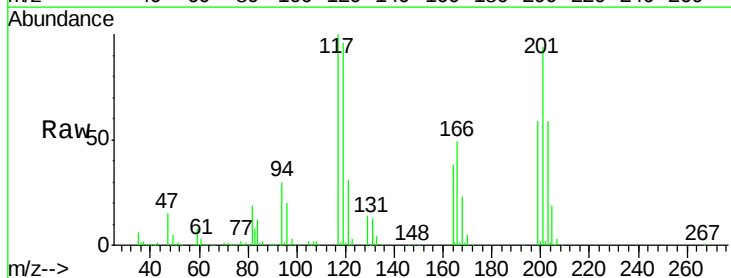
Instrument :
BNA_F
ClientSampleId :
PB94289BS

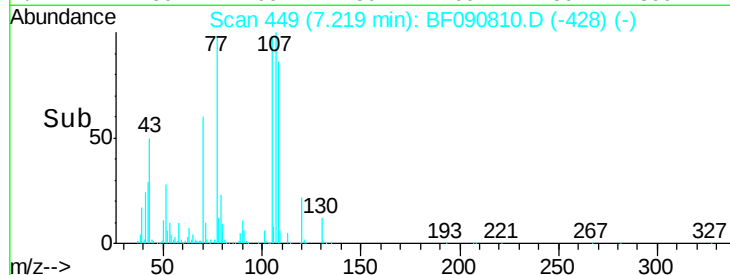
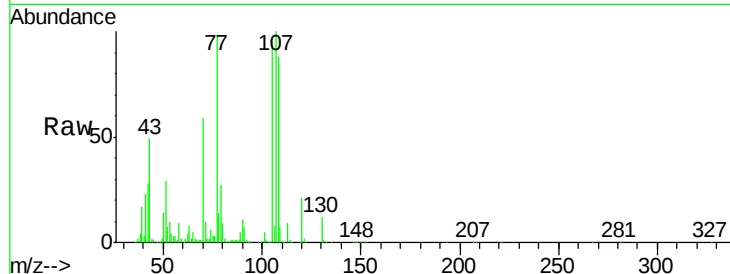
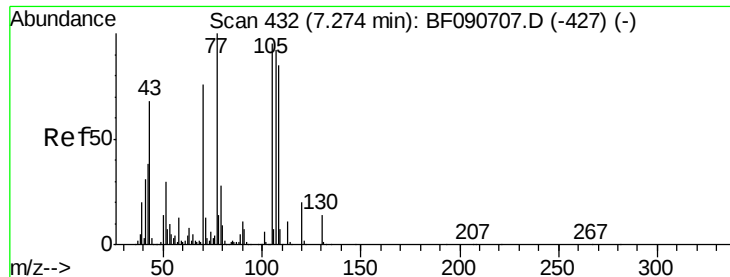
Tgt Ion:107 Resp: 441247
Ion Ratio Lower Upper
107 100
108 113.2 96.6 145.0
77 47.2 23.3 34.9#
79 43.6 22.0 33.0#



#18
Hexachloroethane
Concen: 33.50 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.06 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:117 Resp: 203885
Ion Ratio Lower Upper
117 100
119 95.8 83.8 125.6
201 93.6 55.1 82.7#

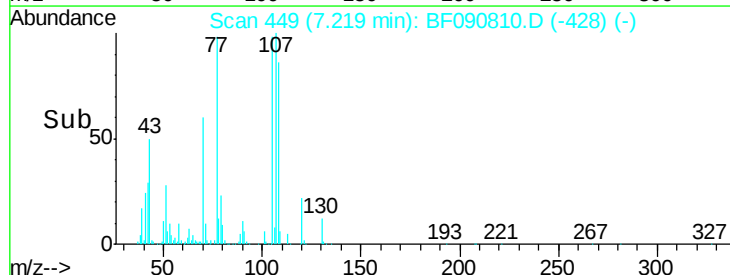
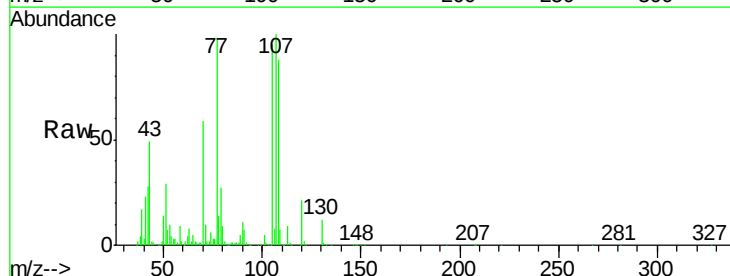
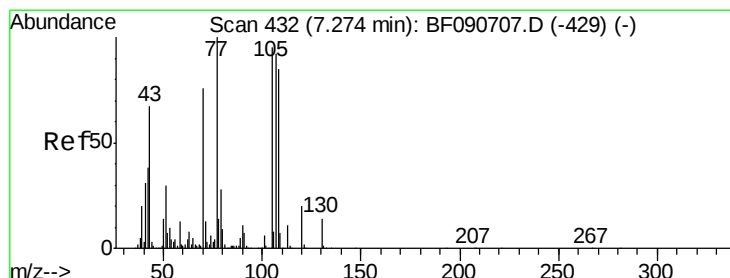
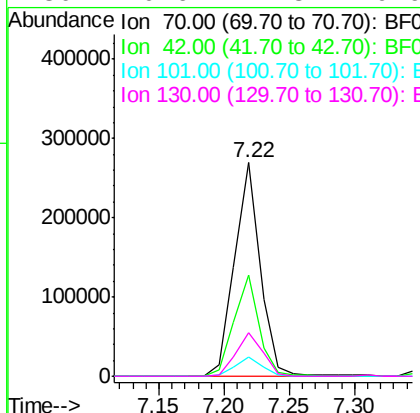




#19
n-Nitroso-di-n-propylamine
Concen: 31.16 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

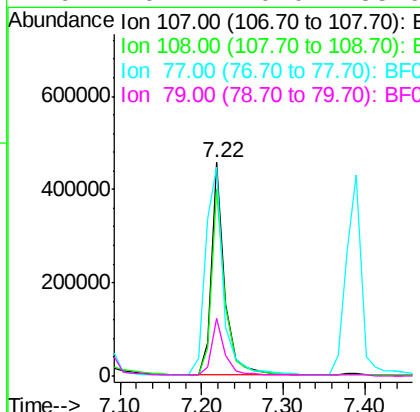
Instrument :
BNA_F
ClientSampleId :
PB94289BS

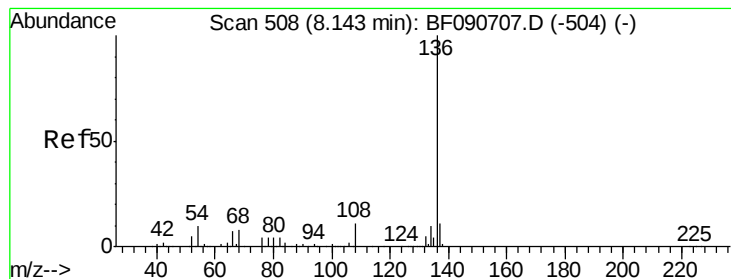
Tgt Ion:	70	Resp:	368388
Ion	Ratio	Lower	Upper
70	100		
42	47.6	63.8	95.6#
101	9.2	9.2	13.8
130	20.6	27.3	40.9#



#20
3+4-Methylphenols
Concen: 41.41 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:	107	Resp:	520335
Ion	Ratio	Lower	Upper
107	100		
108	87.6	74.6	114.6
77	97.9	0.7	40.7#
79	26.7	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

Tgt Ion:136 Resp: 804859

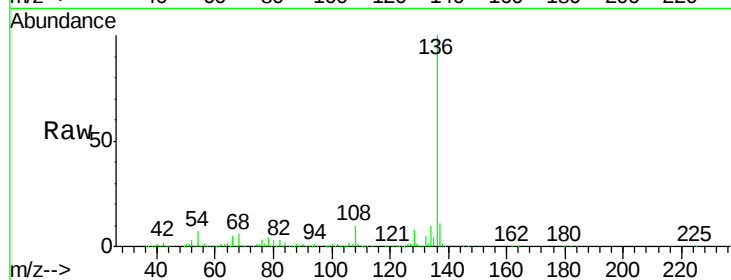
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 6.7 8.2 12.2#

68 6.3 5.8 8.6

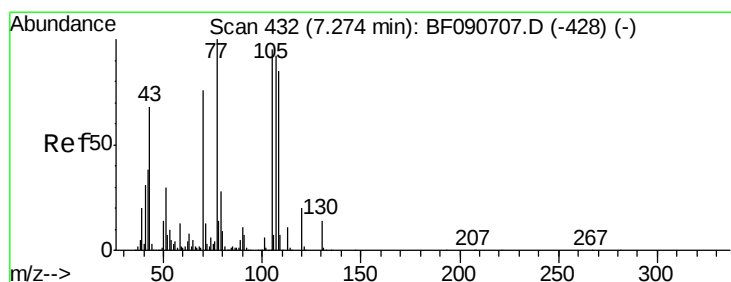
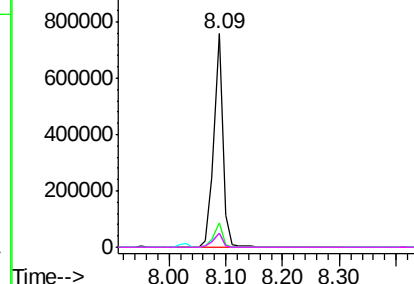
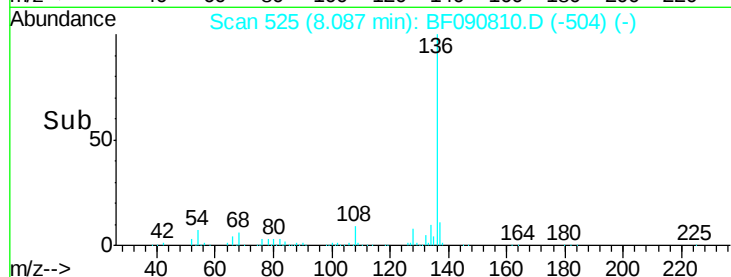


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 40.21 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Tgt Ion:105 Resp: 721158

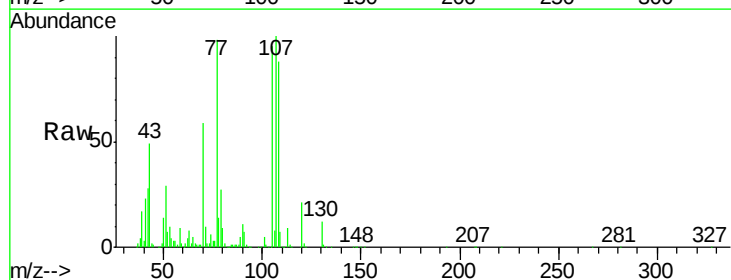
Ion Ratio Lower Upper

105 100

71 10.7 4.7 7.1#

51 30.0 22.0 33.0

120 22.1 30.1 45.1#

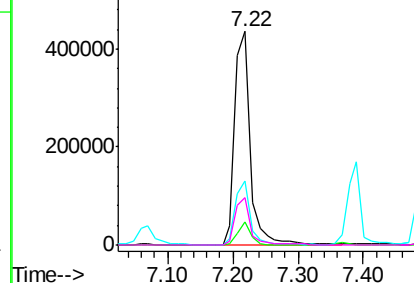
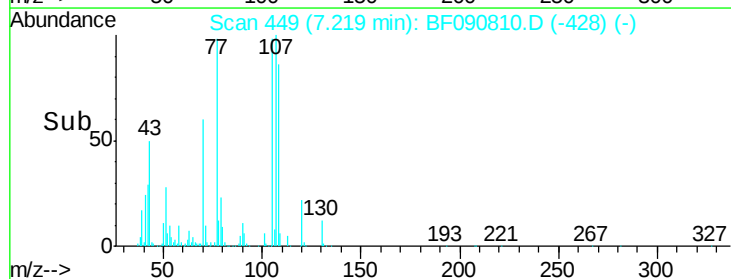


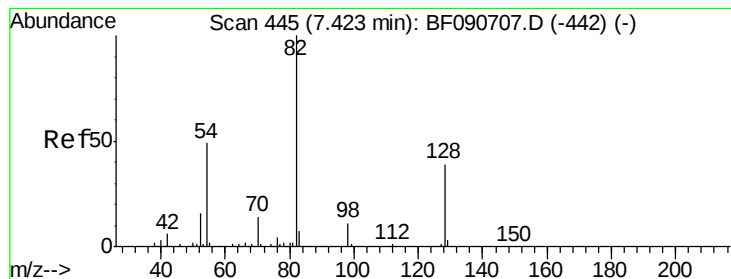
Abundance Ion 105.00 (104.70 to 105.70): E

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





#23

Nitrobenzene-d5

Concen: 70.28 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

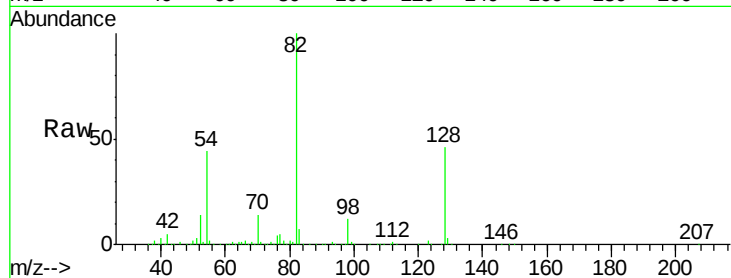
Tgt Ion: 82 Resp: 1031347

Ion Ratio Lower Upper

82 100

128 45.7 51.0 76.6#

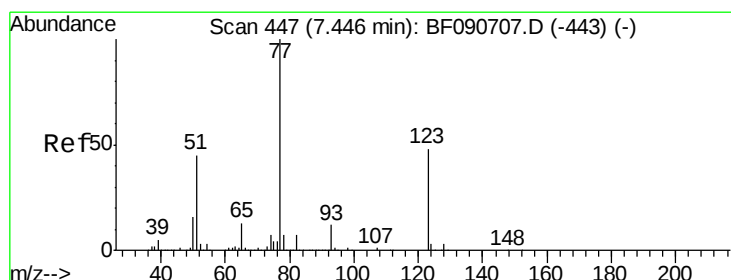
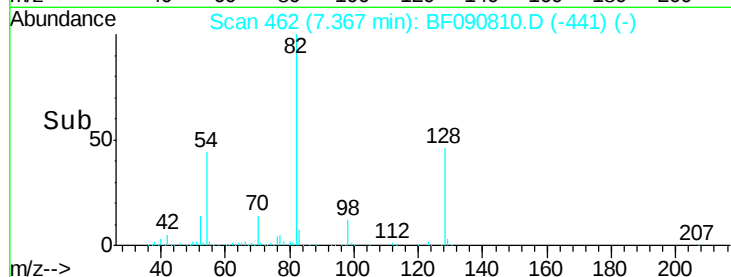
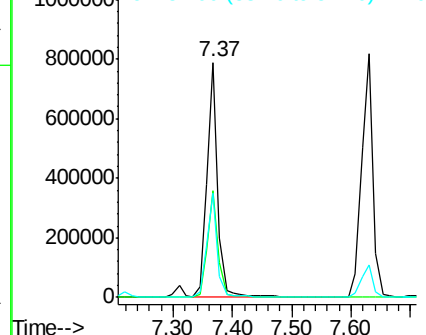
54 44.5 47.5 71.3#



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: 34.94 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

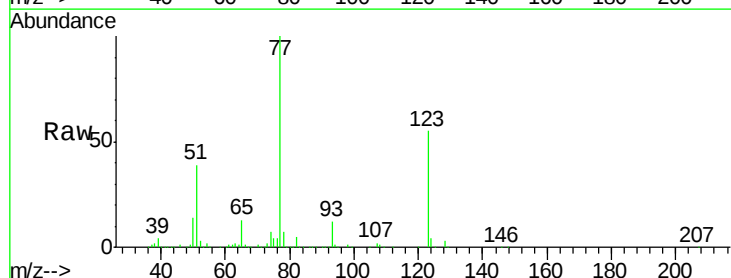
Tgt Ion: 77 Resp: 555814

Ion Ratio Lower Upper

77 100

123 54.5 59.8 89.8#

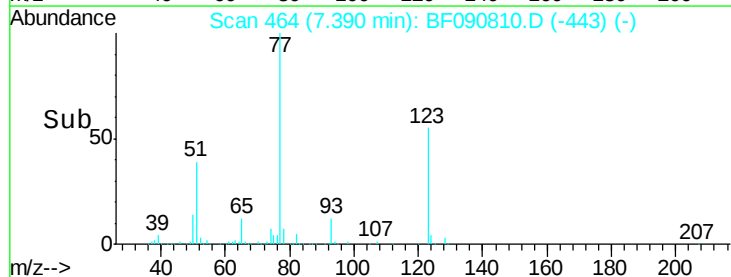
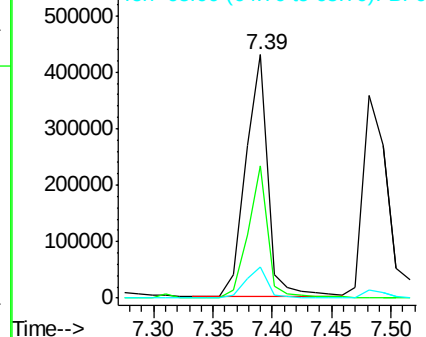
65 12.5 10.2 15.4

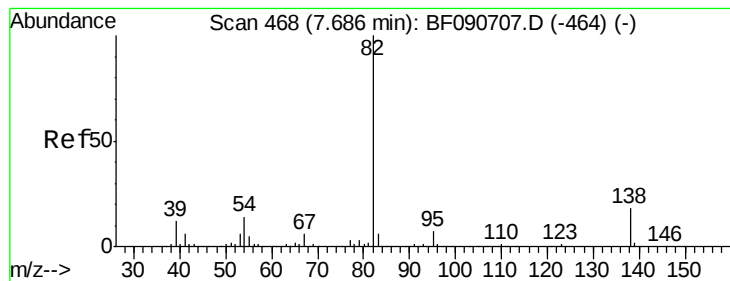


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.36 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

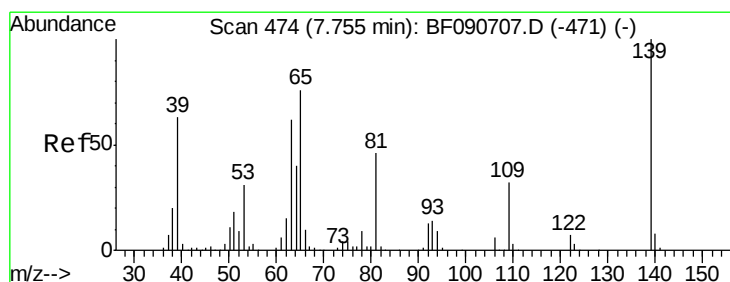
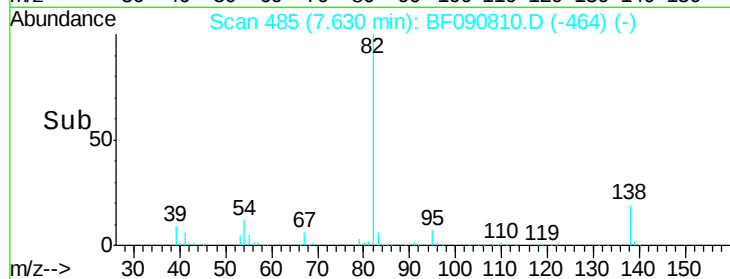
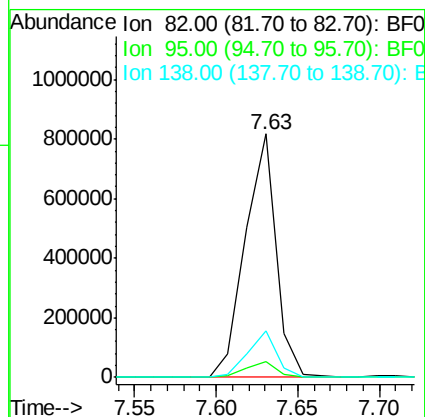
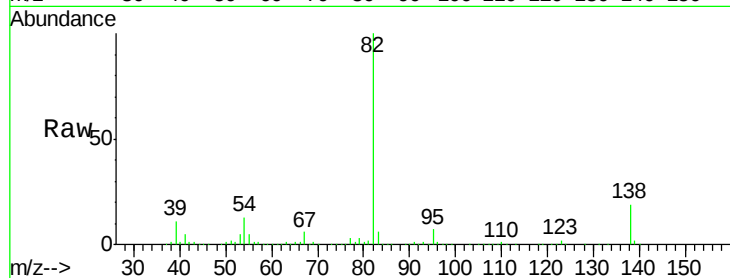
Tgt Ion: 82 Resp: 1065566

Ion Ratio Lower Upper

82 100

95 6.7 4.0 6.0#

138 19.0 18.3 27.5



#26

2-Nitrophenol

Concen: 43.79 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.07 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

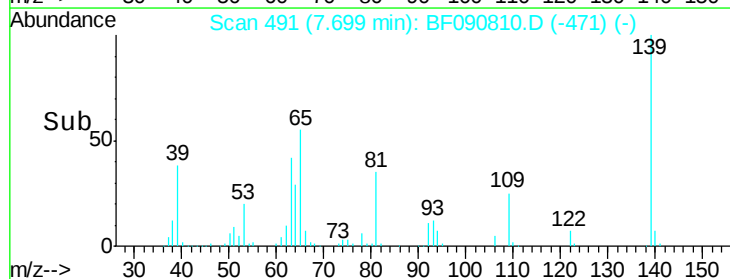
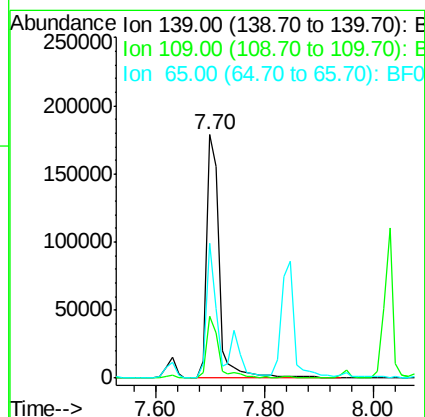
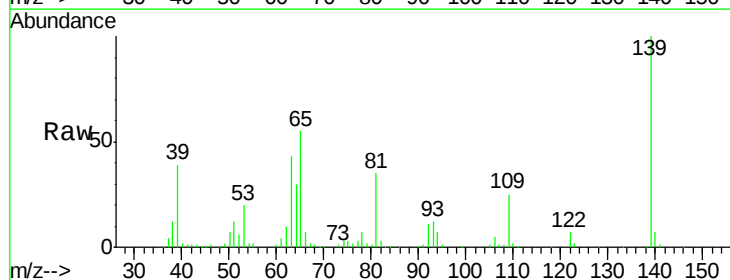
Tgt Ion: 139 Resp: 284610

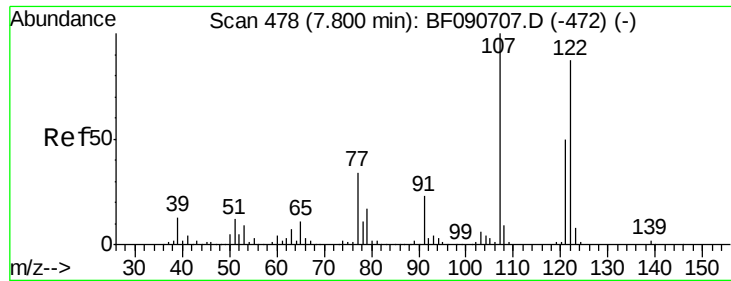
Ion Ratio Lower Upper

139 100

109 25.4 11.0 16.4#

65 55.4 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 40.31 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

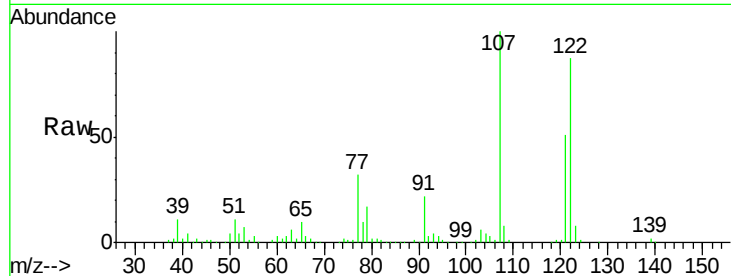
Tgt Ion:122 Resp: 464536

Ion Ratio Lower Upper

122 100

107 114.8 71.8 107.6#

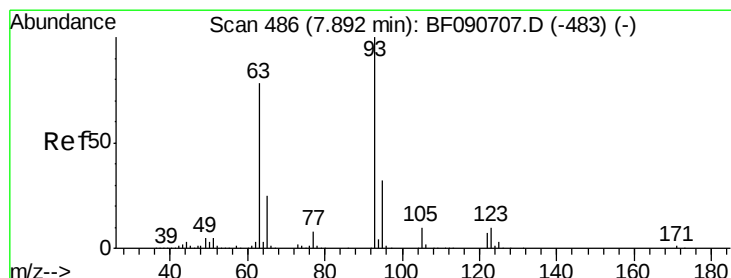
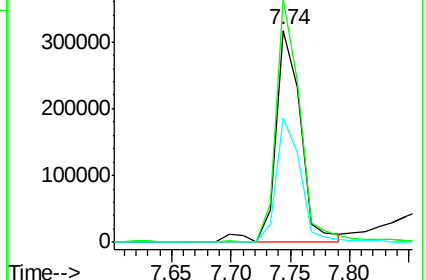
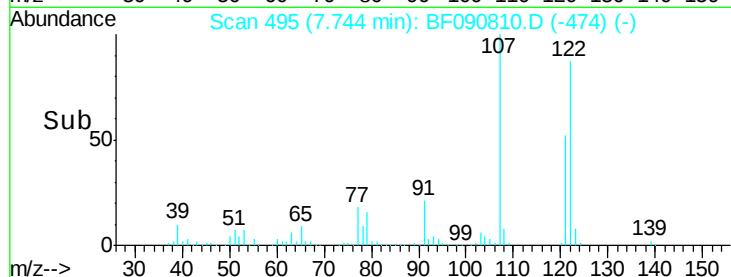
121 59.0 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.25 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.04 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

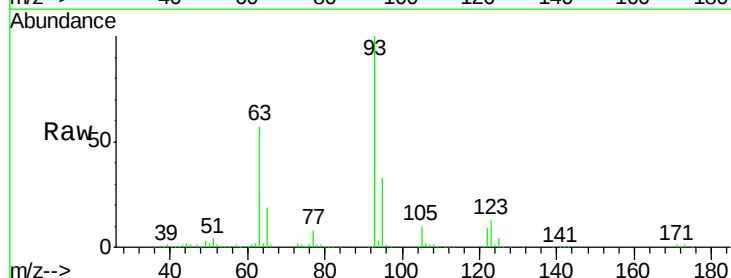
Tgt Ion: 93 Resp: 642076

Ion Ratio Lower Upper

93 100

95 33.0 27.5 41.3

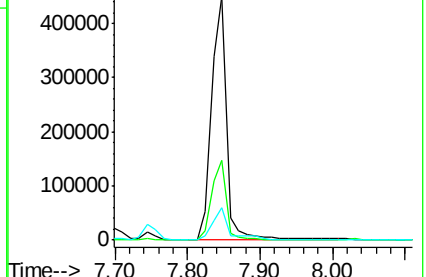
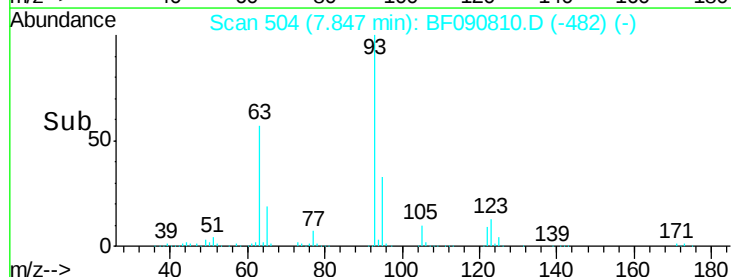
123 13.2 13.7 20.5#

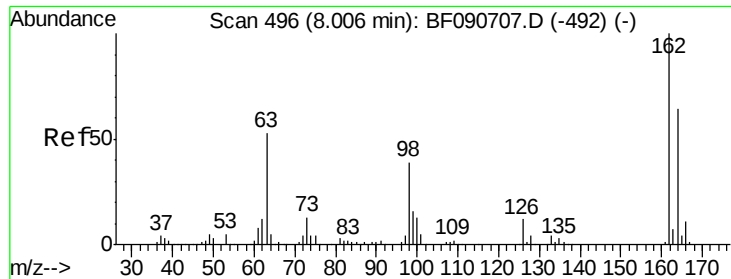


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

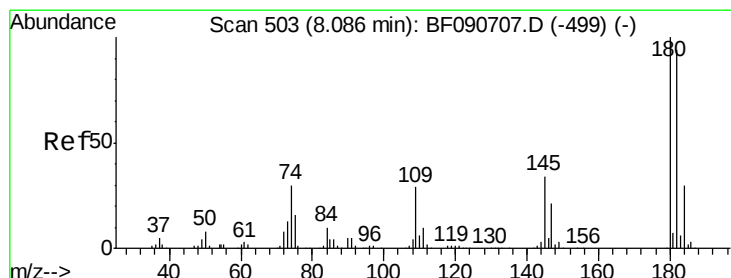
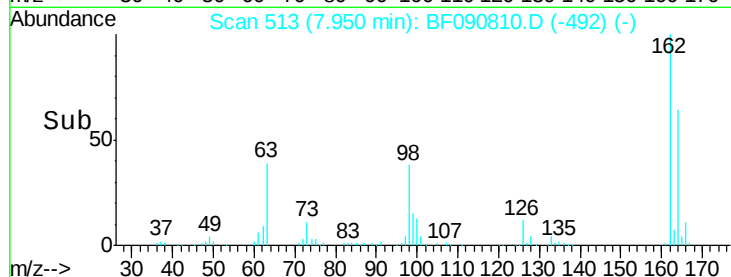
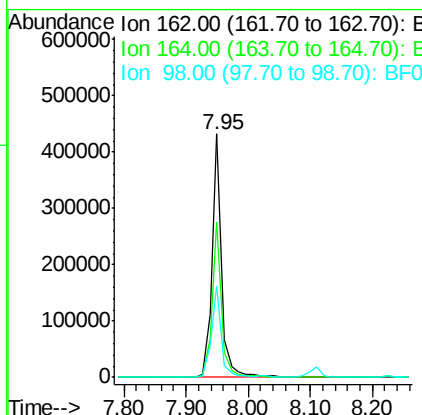
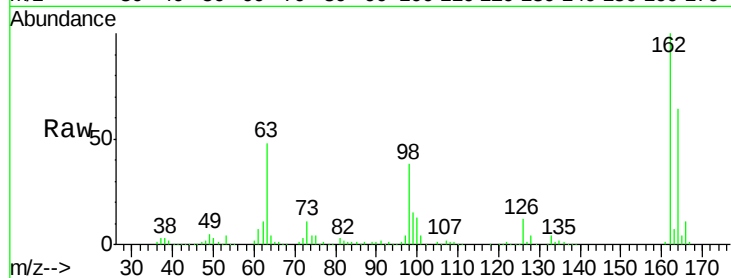




#29
 2,4-Dichlorophenol
 Concen: 48.94 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.06 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

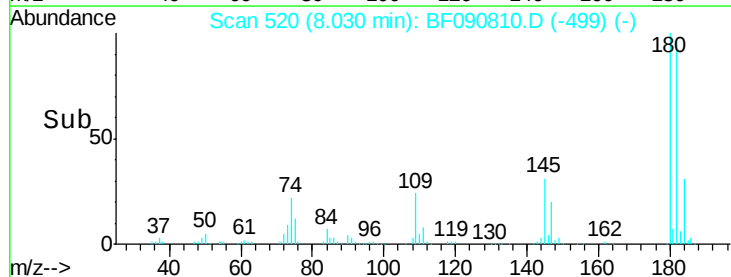
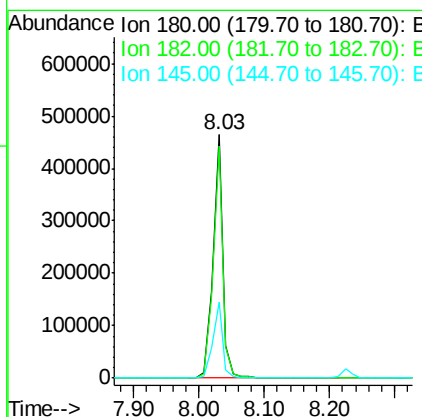
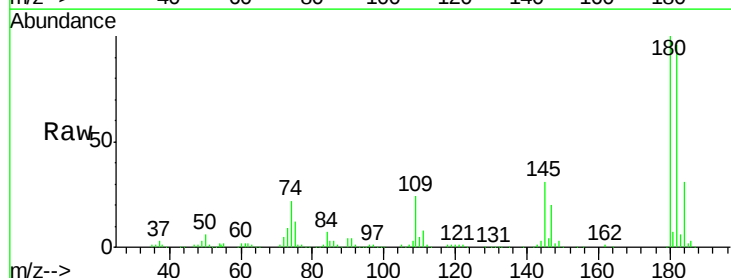
Instrument :
 BNA_F
 ClientSampleId :
 PB94289BS

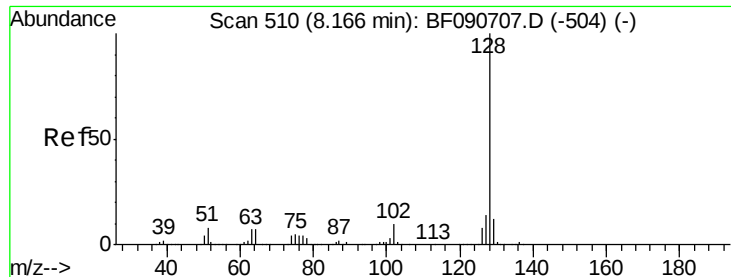
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.9	84.9
98	37.5	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 44.76 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.06 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.1	115.7
145	31.1	23.3	34.9

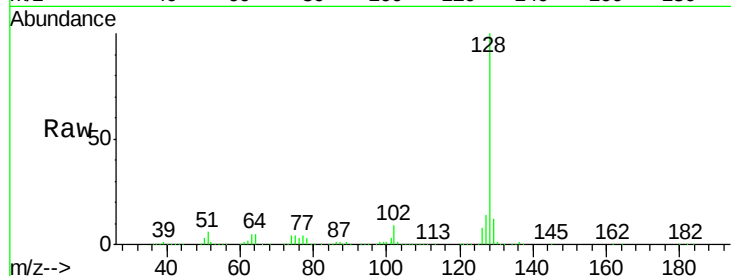




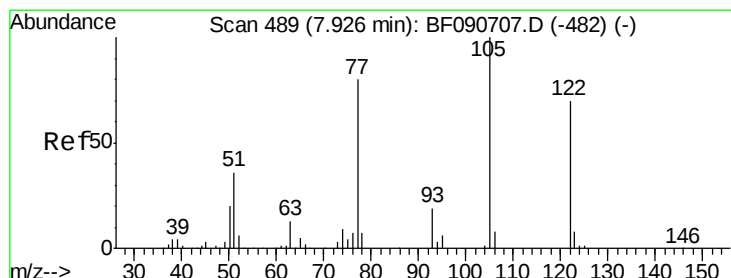
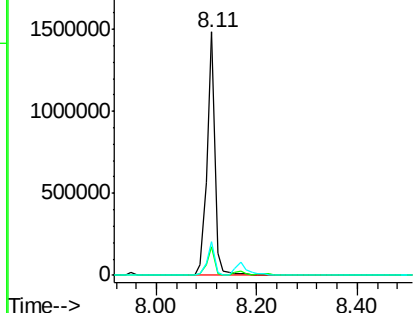
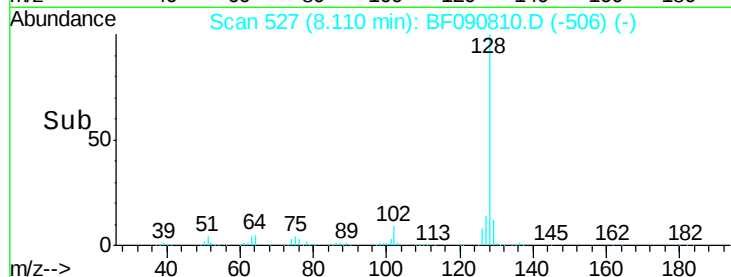
#31
Naphthalene
Concen: 40.91 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Instrument :
BNA_F
ClientSampleId :
PB94289BS

Tgt Ion:128 Resp: 1610707
Ion Ratio Lower Upper
128 100
129 11.8 8.4 12.6
127 13.7 9.9 14.9

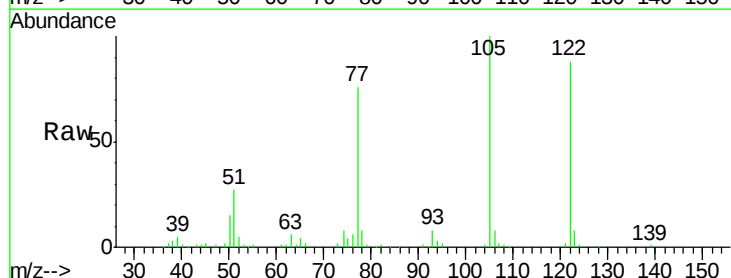


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

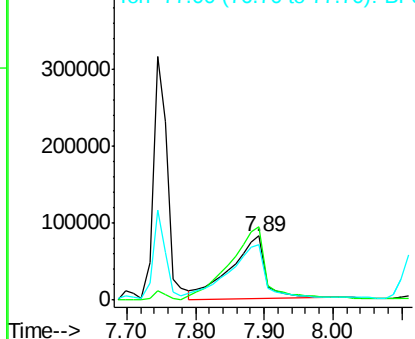
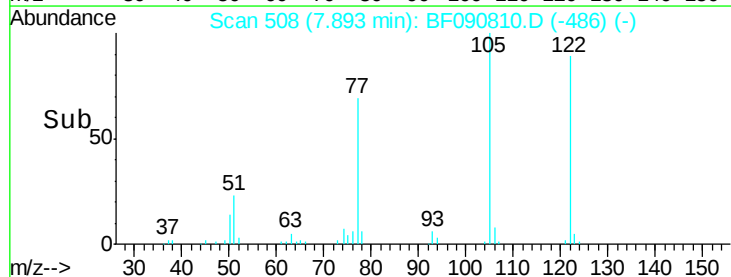


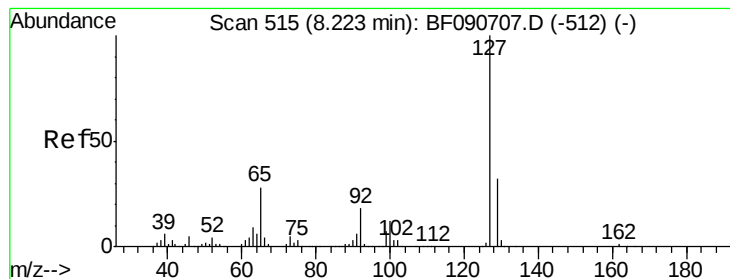
#32
Benzoic acid
Concen: 37.38 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.04 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:122 Resp: 287578
Ion Ratio Lower Upper
122 100
105 114.2 76.1 116.1
77 87.0 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 10.50 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

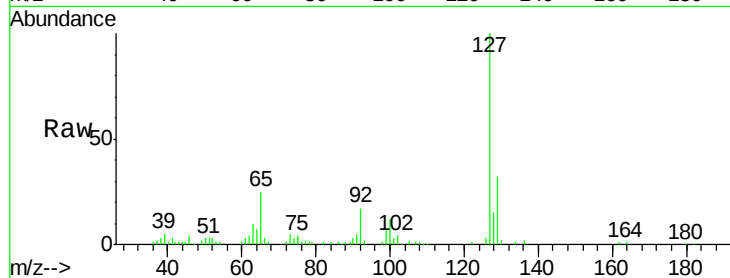
Instrument :

BNA_F

ClientSampleId :

PB94289BS

Tgt Ion:	127	Resp:	153377
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	25.0	17.9	26.9
92	16.8	10.5	15.7#



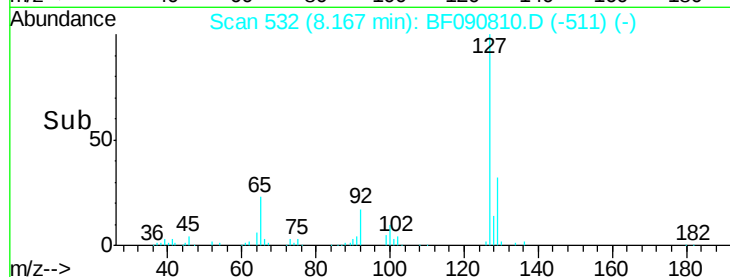
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

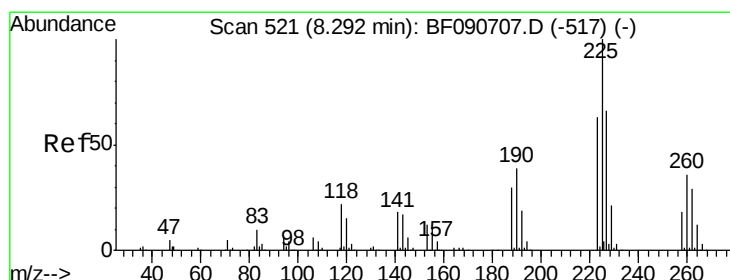
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Time-->



Time-->



#34

Hexachlorobutadiene

Concen: 42.00 ng

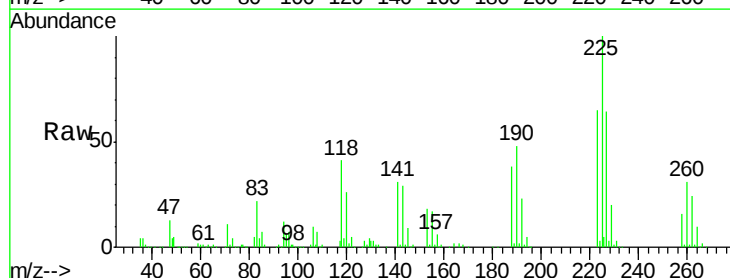
RT: 8.22 min Scan# 537

Delta R.T. -0.07 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Tgt Ion:	225	Resp:	262826
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.2	75.2
227	64.3	52.2	78.2

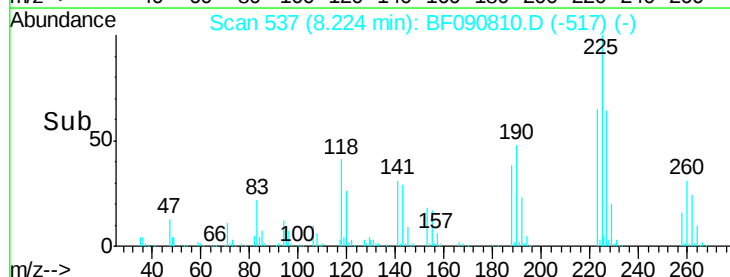


Abundance Ion 225.00 (224.70 to 225.70): E

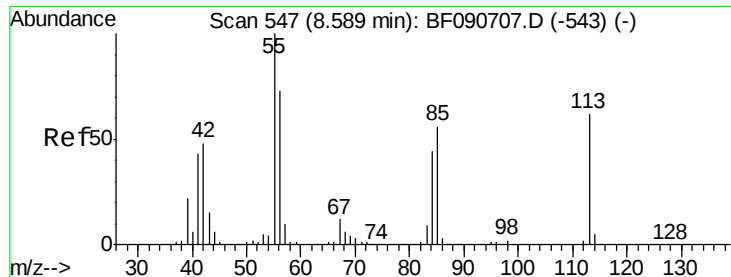
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

Time-->



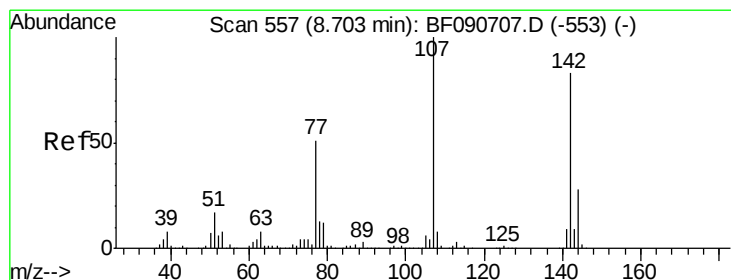
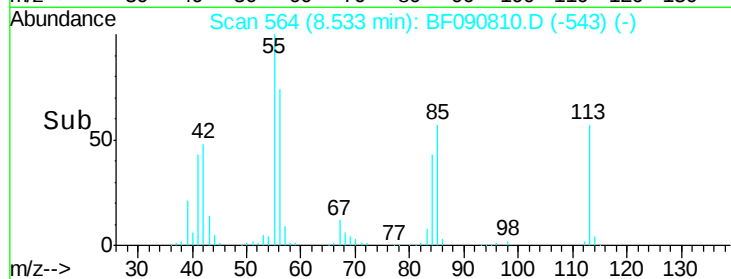
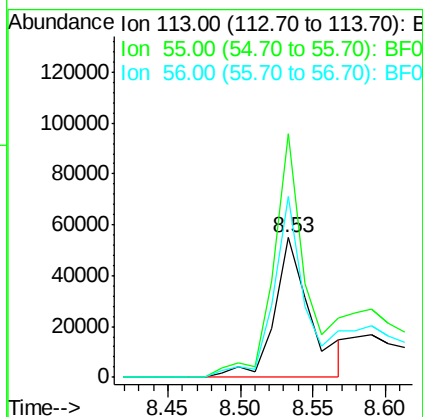
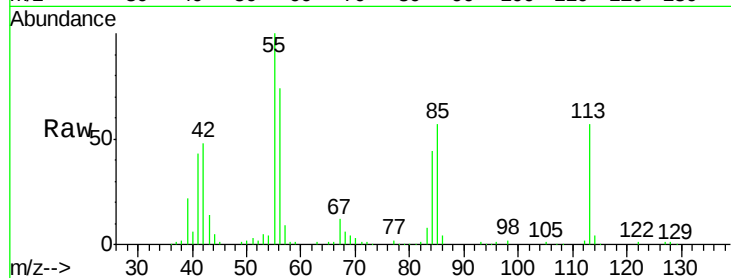
Time-->



#35
 Caprolactam
 Concen: 35.10 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.06 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

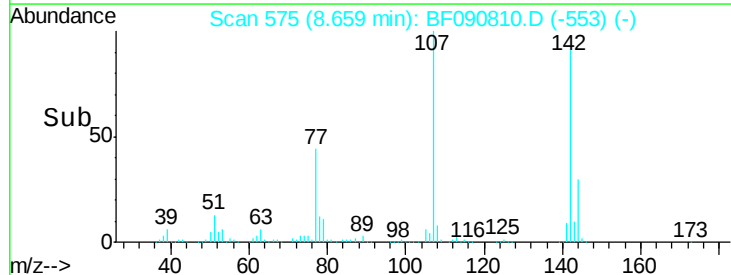
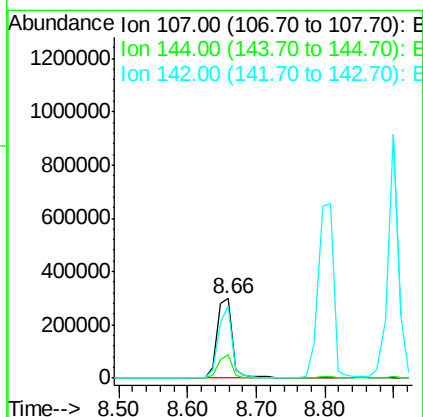
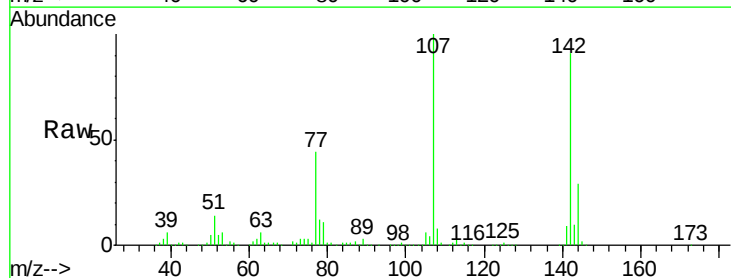
Instrument :
 BNA_F
 ClientSampleID :
 PB94289BS

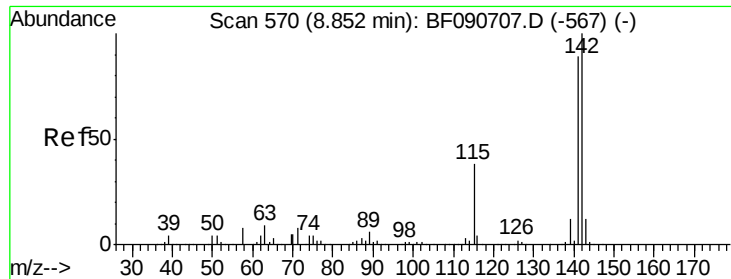
Tgt Ion:113 Resp: 94812
 Ion Ratio Lower Upper
 113 100
 55 174.4 152.4 192.4
 56 129.4 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.36 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.04 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Tgt Ion:107 Resp: 476998
 Ion Ratio Lower Upper
 107 100
 144 29.5 25.4 38.0
 142 91.3 77.3 115.9

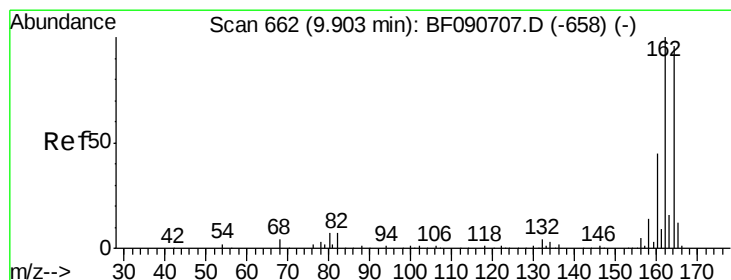
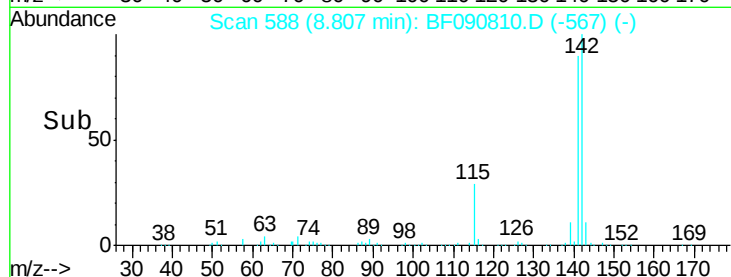
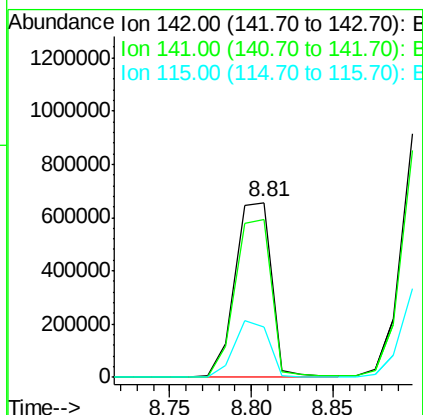
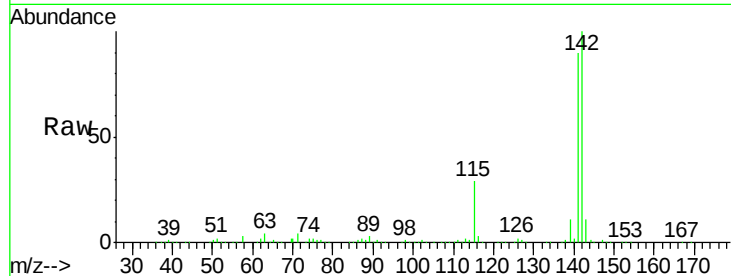




#37
 2-Methylnaphthalene
 Concen: 44.06 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.06 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

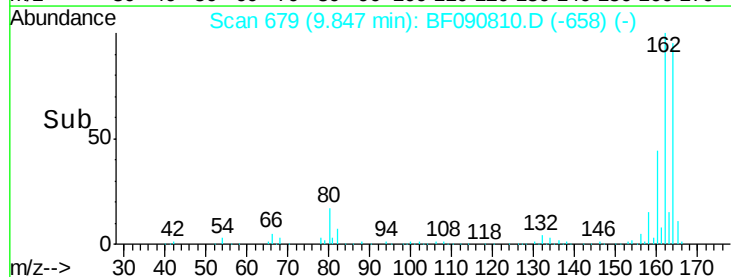
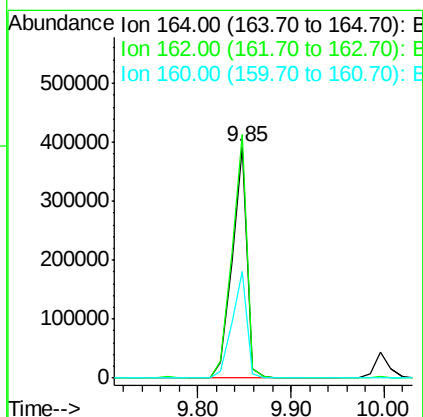
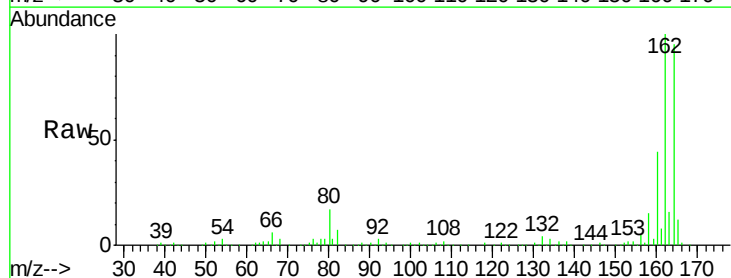
Instrument :
 BNA_F
 ClientSampleId :
 PB94289BS

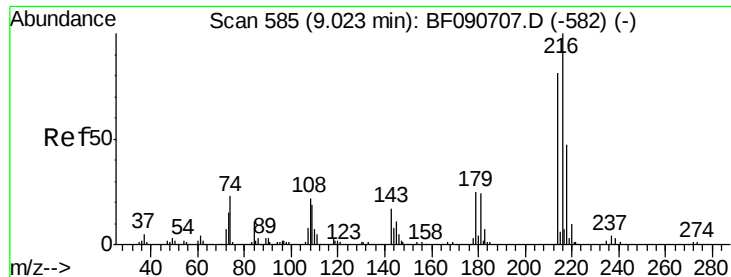
Tgt Ion:142 Resp: 1013723
 Ion Ratio Lower Upper
 142 100
 141 90.2 67.5 101.3
 115 28.7 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.06 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Tgt Ion:164 Resp: 439588
 Ion Ratio Lower Upper
 164 100
 162 105.4 75.2 112.8
 160 45.9 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.40 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

Tgt Ion:216 Resp: 467669

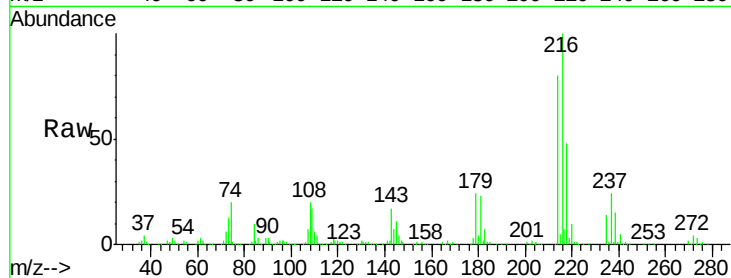
Ion Ratio Lower Upper

216 100

214 79.2 63.5 95.3

179 22.8 16.6 24.8

108 21.4 16.3 24.5

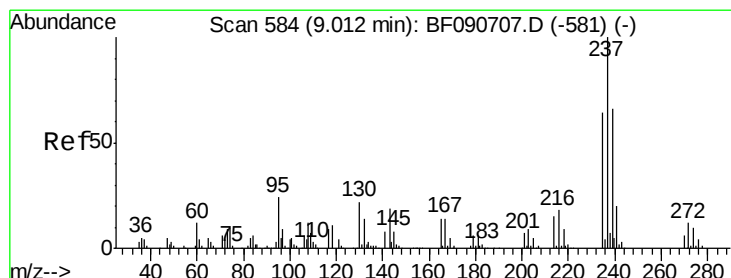
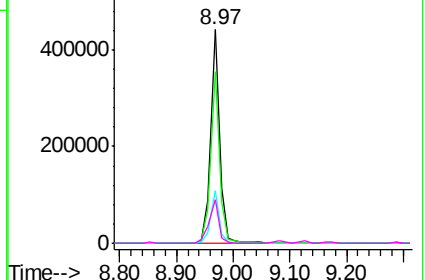
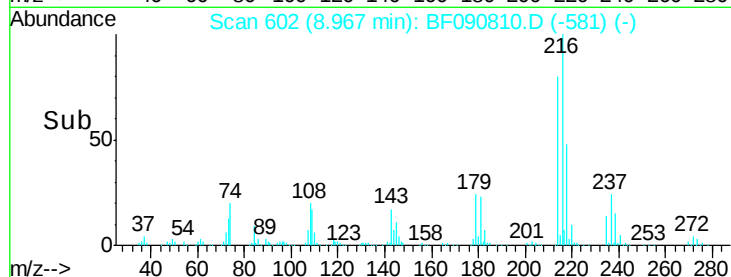


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.36 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

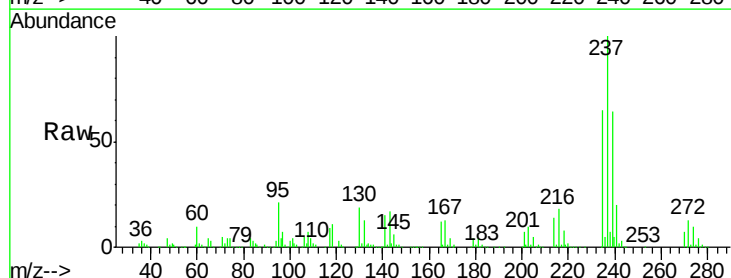
Tgt Ion:237 Resp: 492370

Ion Ratio Lower Upper

237 100

235 64.7 42.0 82.0

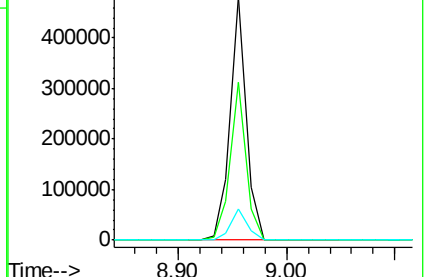
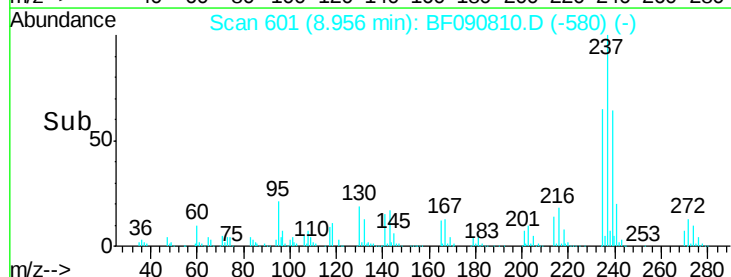
272 12.8 0.0 36.1

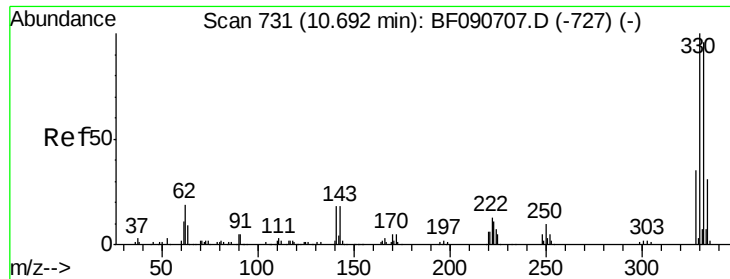


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

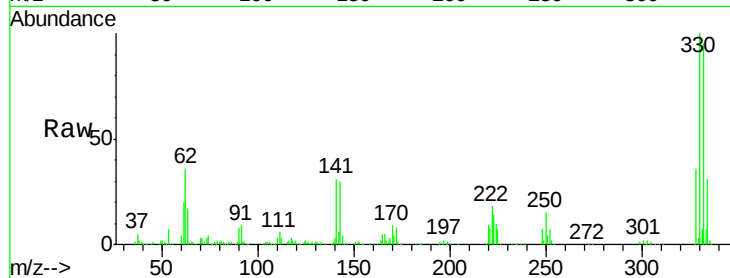




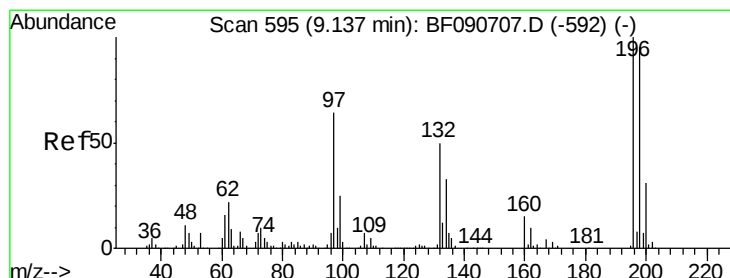
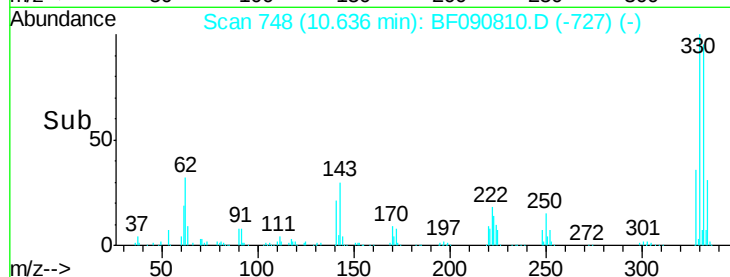
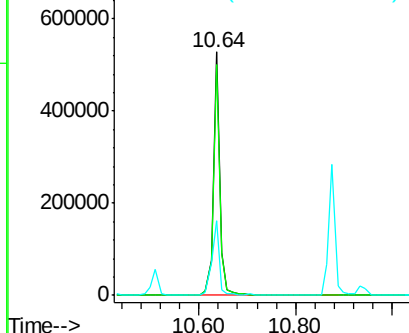
#41
 2,4,6-Tribromophenol
 Concen: 146.94 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB94289BS

Tgt Ion:330 Resp: 511245
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 34.5 29.7 44.5

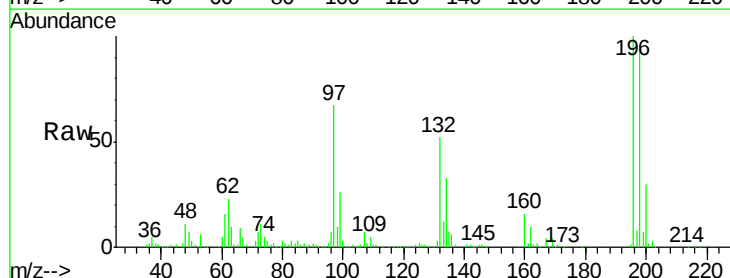


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

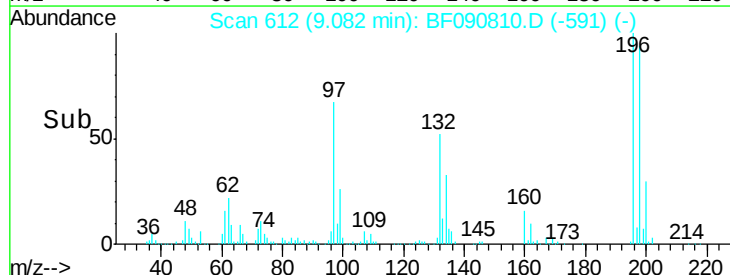
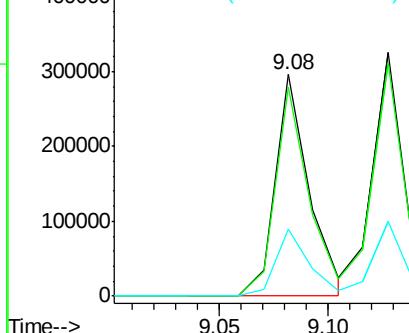


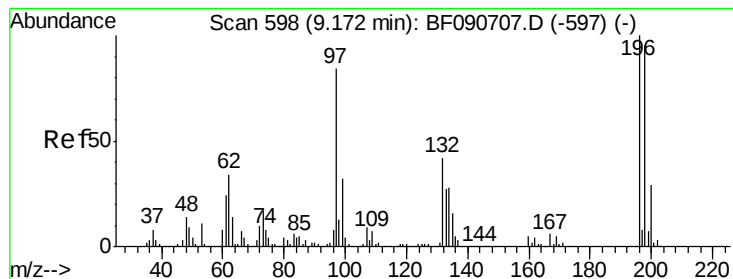
#42
 2,4,6-Trichlorophenol
 Concen: 43.87 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.06 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Tgt Ion:196 Resp: 322944
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 200 30.2 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: 46.59 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

Tgt Ion:196 Resp: 347999

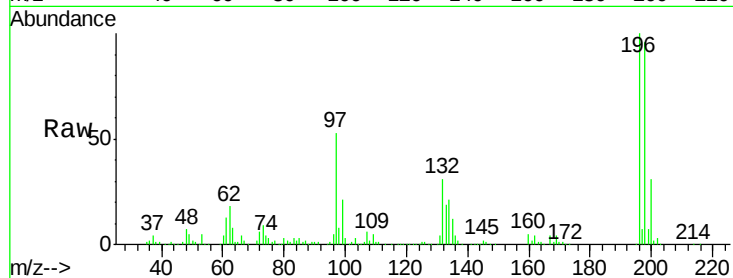
Ion Ratio Lower Upper

196 100

198 95.7 75.4 113.0

97 52.5 33.3 49.9#

132 31.4 24.6 37.0

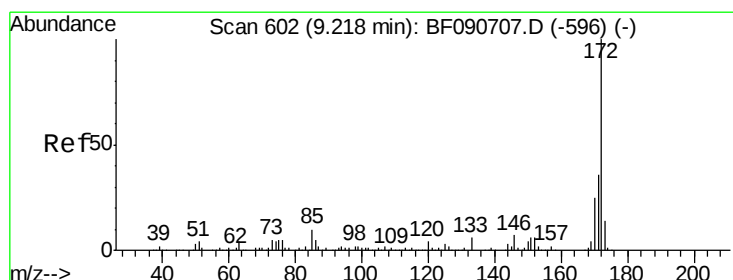
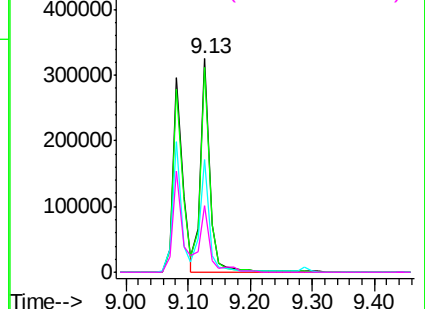
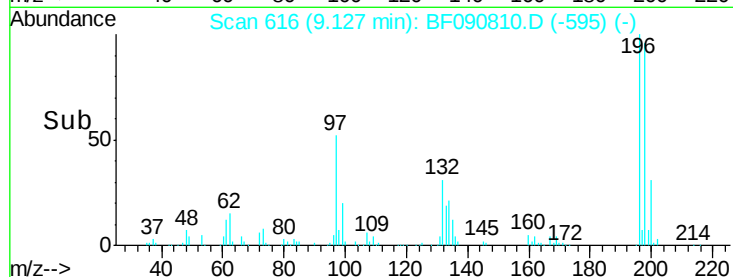


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 78.49 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.05 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

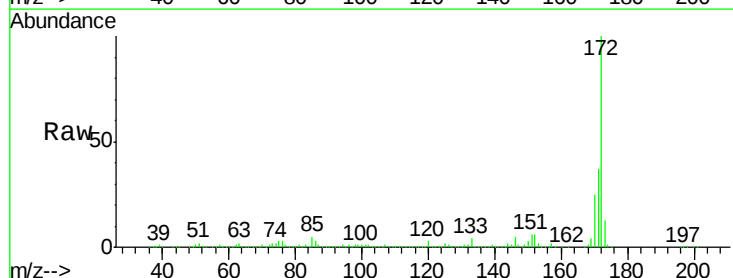
Tgt Ion:172 Resp: 2222516

Ion Ratio Lower Upper

172 100

171 37.1 26.1 39.1

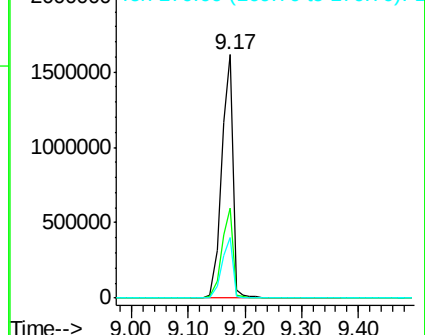
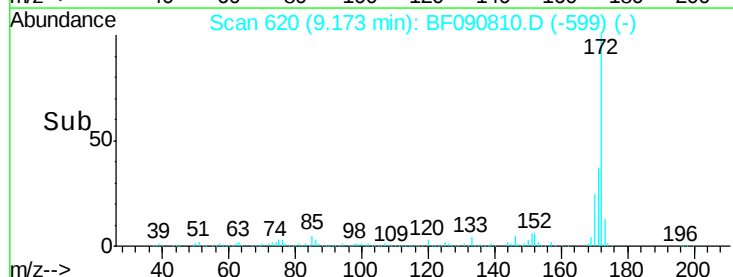
170 25.1 17.4 26.2

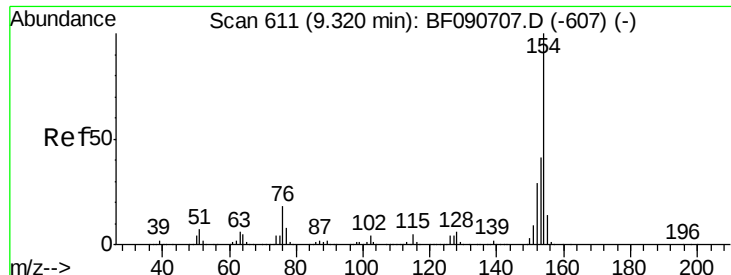


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

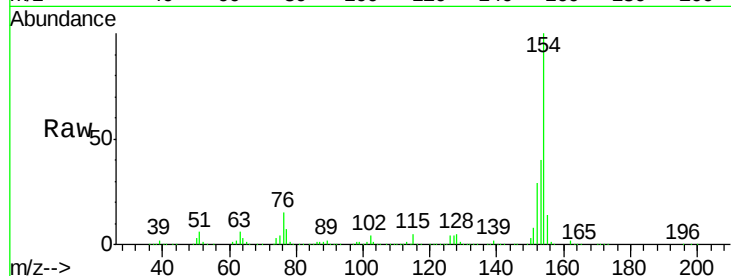




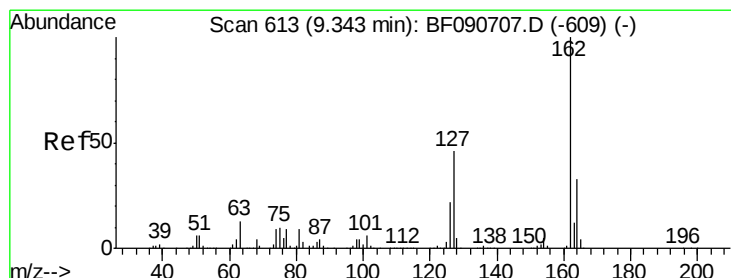
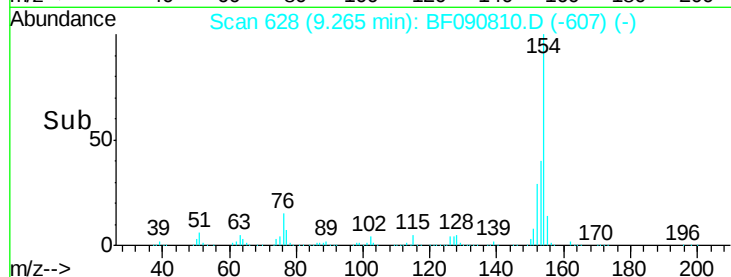
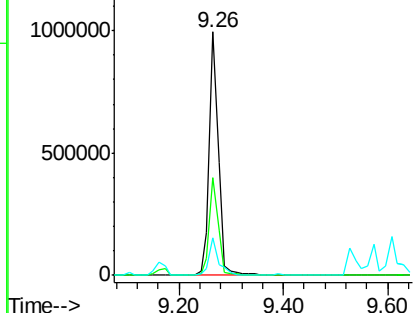
#45
 1,1'-Biphenyl
 Concen: 34.92 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.06 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB94289BS

Tgt Ion:154 Resp: 1205454
 Ion Ratio Lower Upper
 154 100
 153 40.3 17.1 57.1
 76 15.2 0.0 31.6

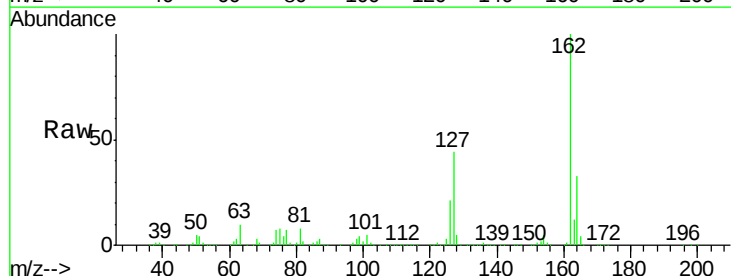


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

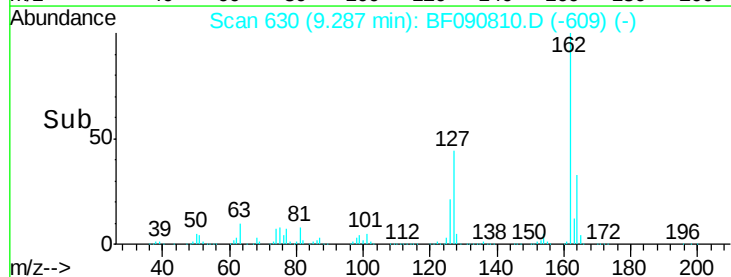
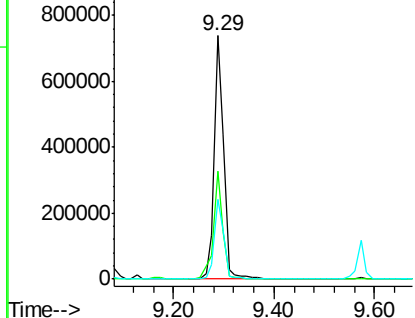


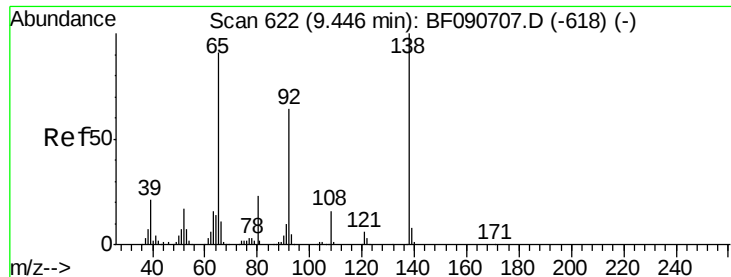
#46
 2-Chloronaphthalene
 Concen: 38.03 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.06 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Tgt Ion:162 Resp: 975864
 Ion Ratio Lower Upper
 162 100
 127 44.1 27.6 41.4#
 164 32.9 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: 35.98 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

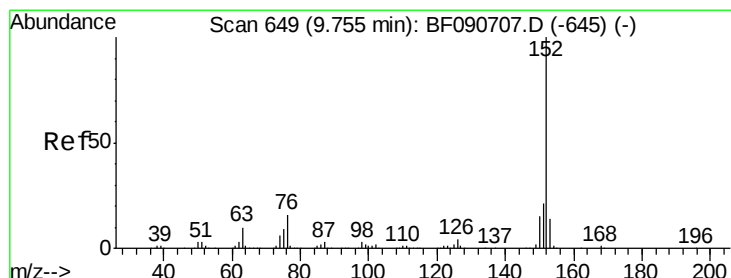
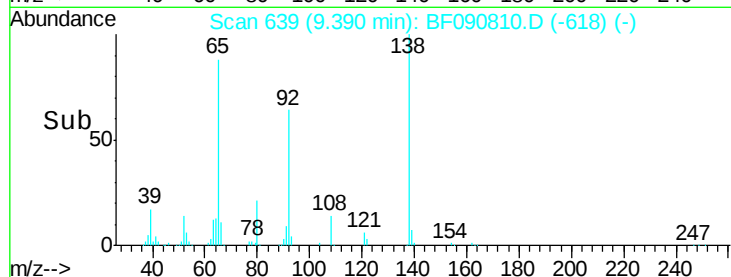
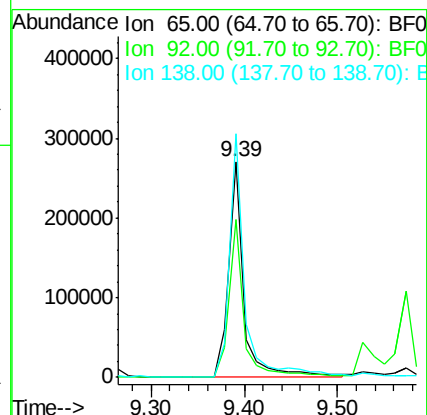
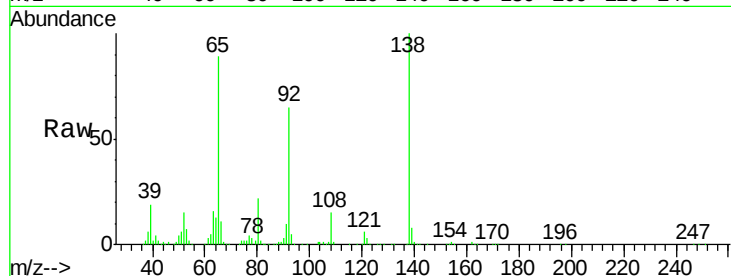
Tgt Ion: 65 Resp: 306446

Ion Ratio Lower Upper

65 100

92 73.1 55.4 83.0

138 112.9 115.5 173.3#



#48

Acenaphthylene

Concen: 41.04 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

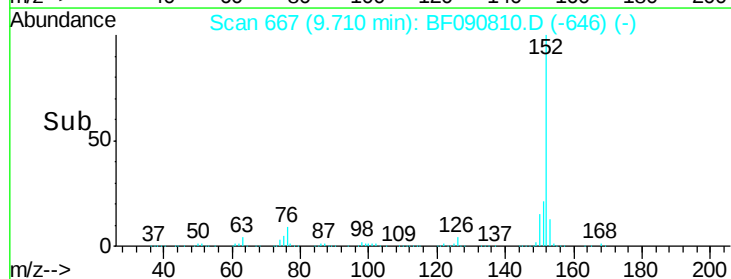
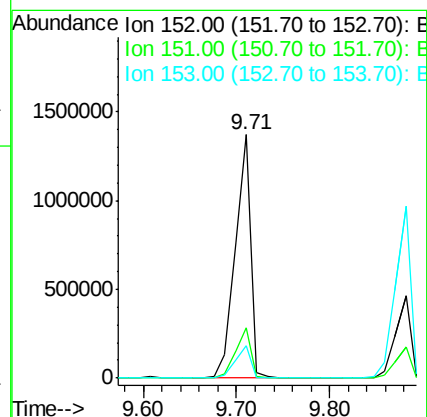
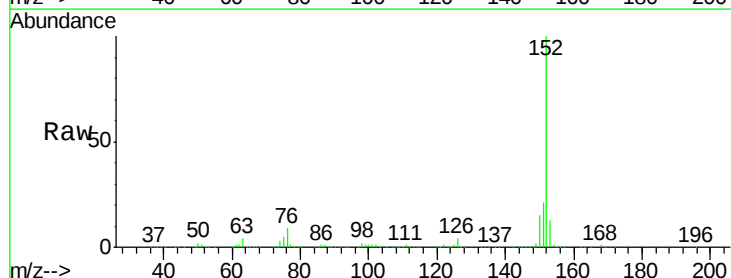
Tgt Ion: 152 Resp: 1606688

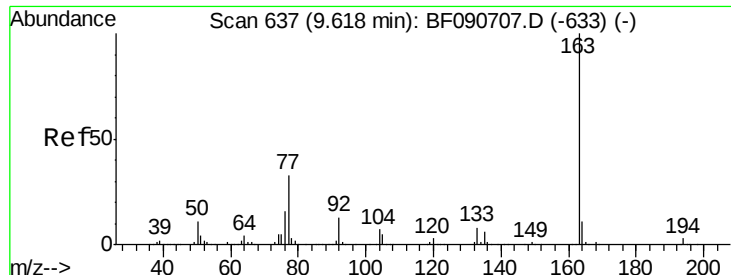
Ion Ratio Lower Upper

152 100

151 20.6 14.6 22.0

153 13.5 10.3 15.5





#49

Dimethylphthalate

Concen: 41.04 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

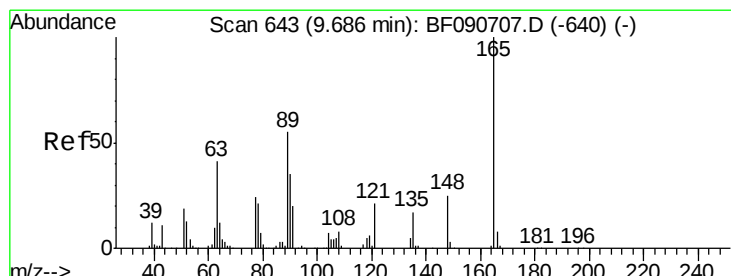
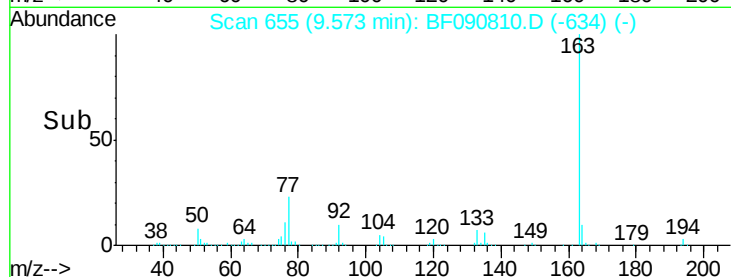
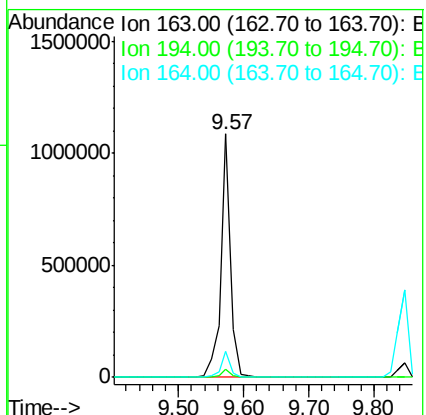
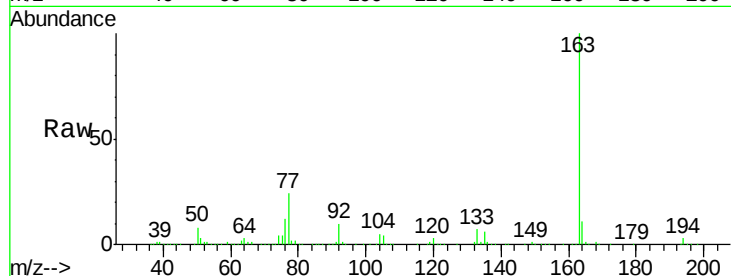
Tgt Ion:163 Resp: 1133677

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

164 10.8 8.3 12.5



#50

2,6-Dinitrotoluene

Concen: 41.89 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

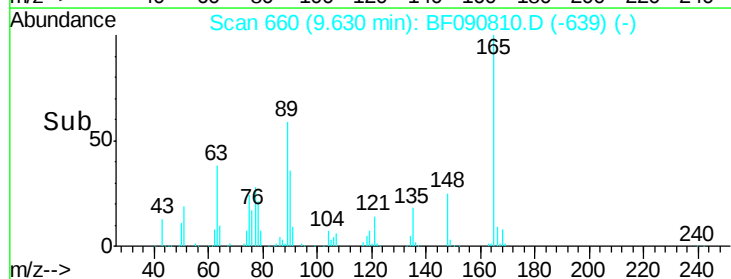
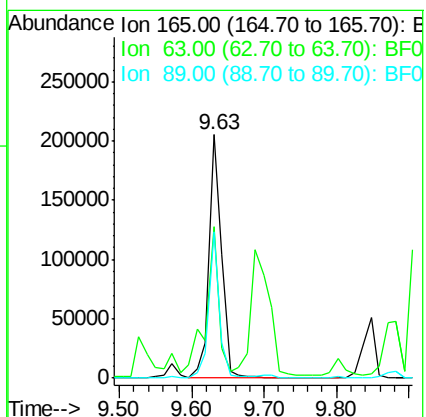
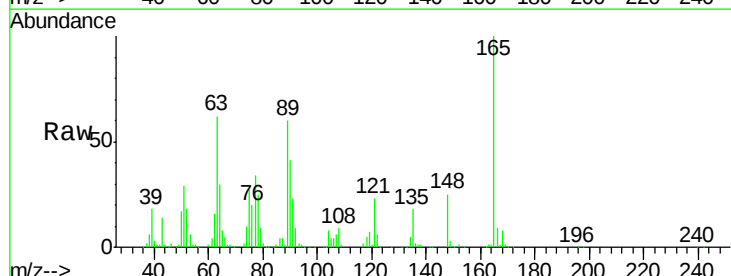
Tgt Ion:165 Resp: 248815

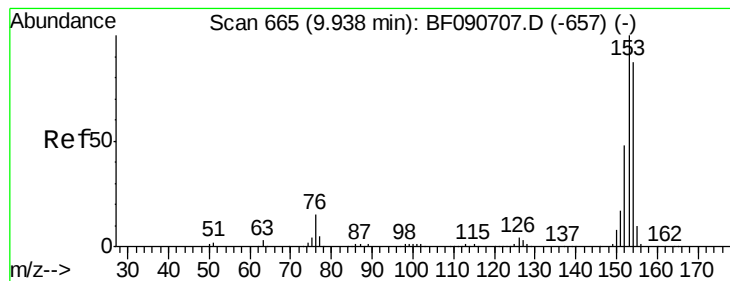
Ion Ratio Lower Upper

165 100

63 62.4 32.3 48.5#

89 60.3 28.6 43.0#





#51

Acenaphthene

Concen: 43.04 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

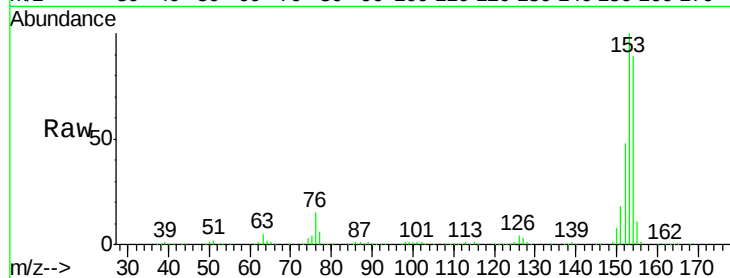
Tgt Ion:154 Resp: 1118689

Ion Ratio Lower Upper

154 100

153 112.4 82.1 123.1

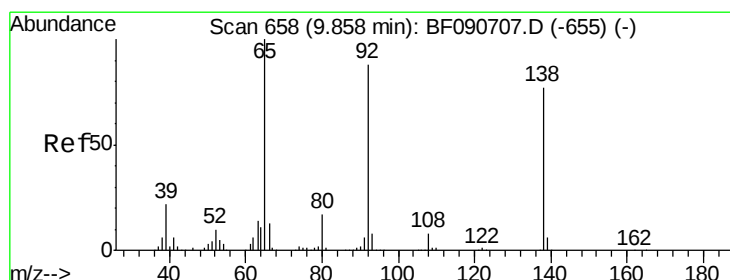
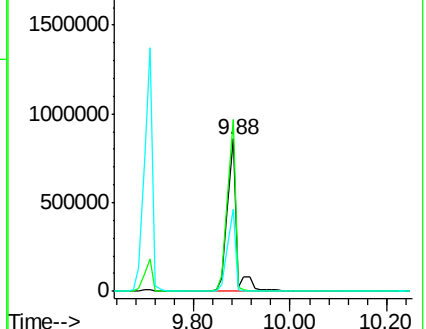
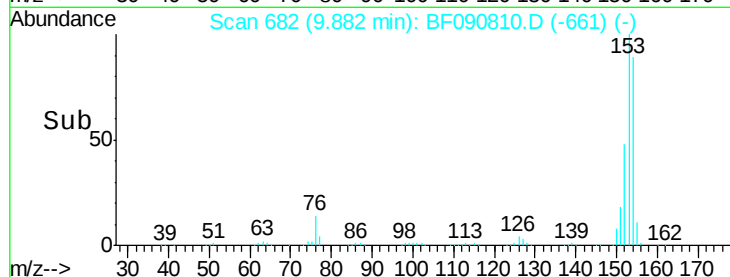
152 54.2 37.9 56.9



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: 18.38 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

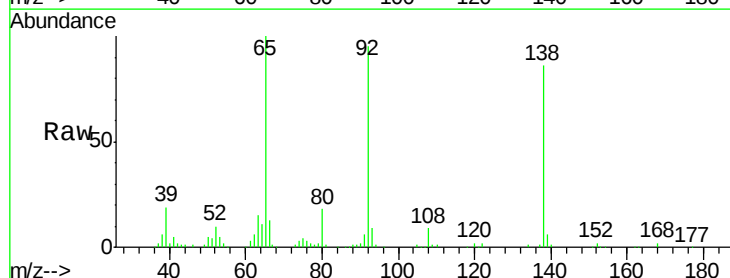
Tgt Ion:138 Resp: 125492

Ion Ratio Lower Upper

138 100

108 9.9 5.7 8.5#

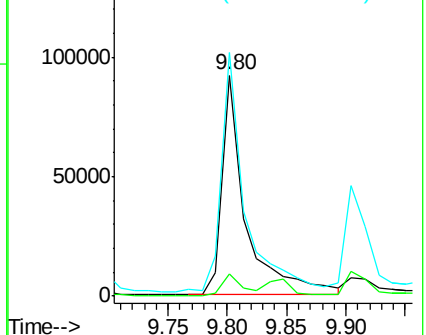
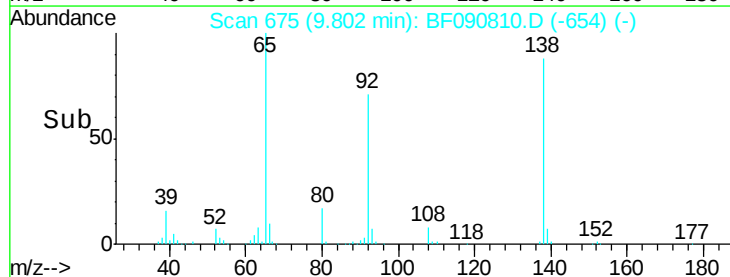
92 110.2 67.7 101.5#

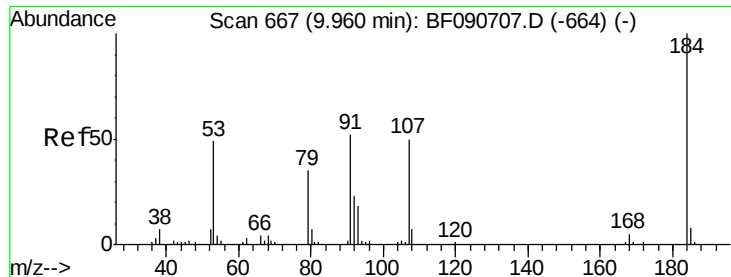


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

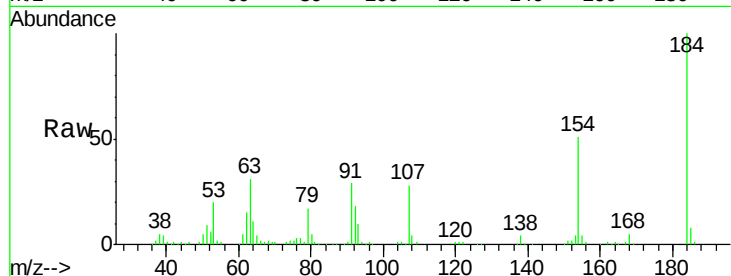




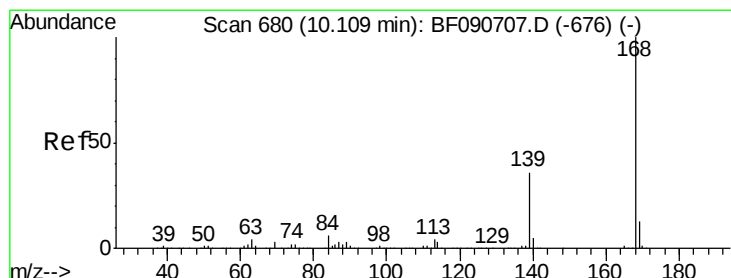
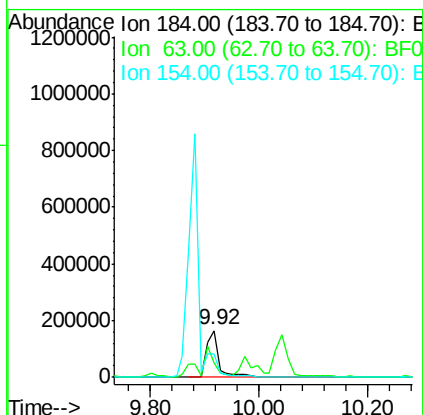
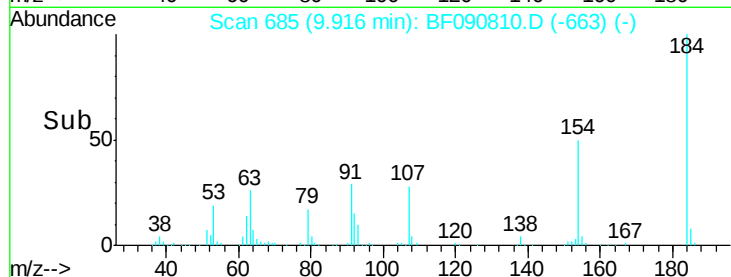
#53
 2,4-Dinitrophenol
 Concen: 77.95 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.04 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB94289BS

Tgt Ion:184 Resp: 261933
 Ion Ratio Lower Upper
 184 100
 63 31.2 35.4 53.2#
 154 50.5 32.2 48.4#

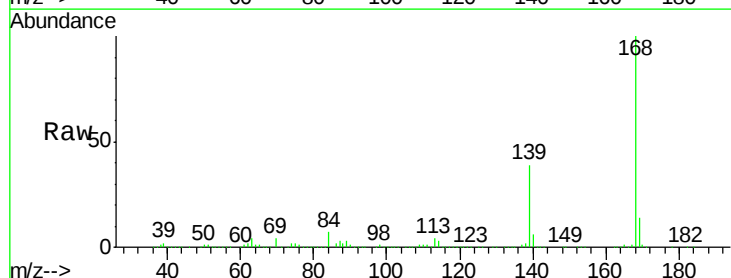


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

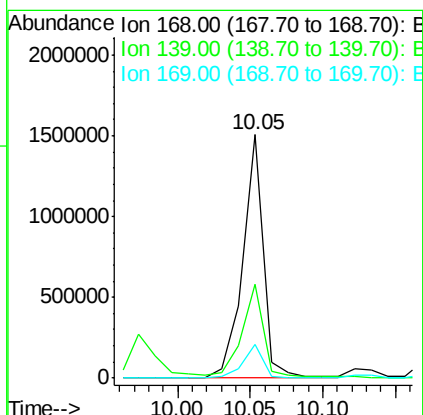
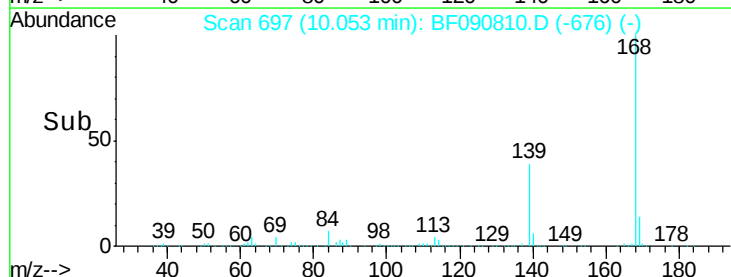


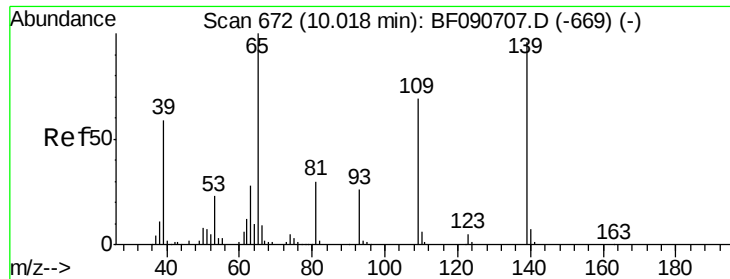
#54
 Dibenzofuran
 Concen: 47.25 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.06 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Tgt Ion:168 Resp: 1487705
 Ion Ratio Lower Upper
 168 100
 139 38.8 24.2 36.2#
 169 14.1 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

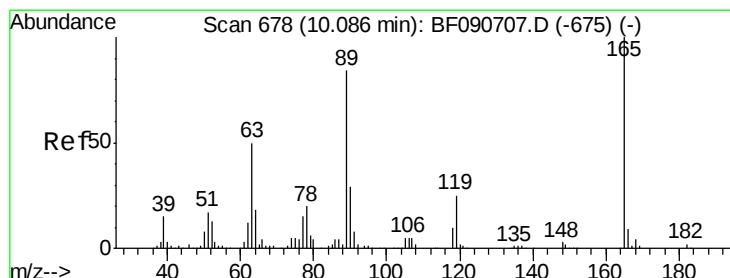
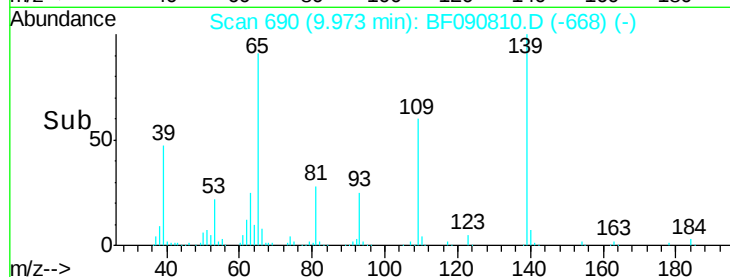
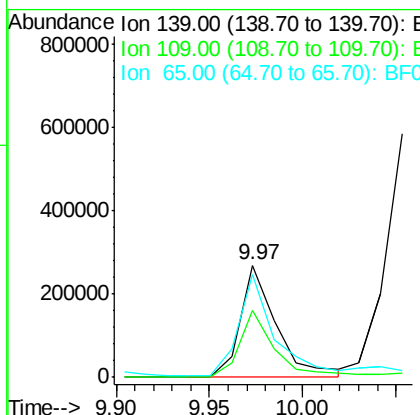
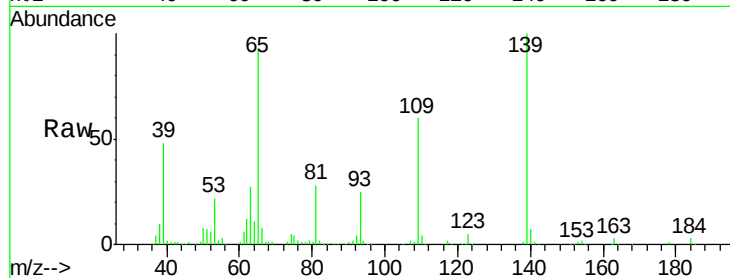




#55
4-Nitrophenol
Concen: 86.62 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.04 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

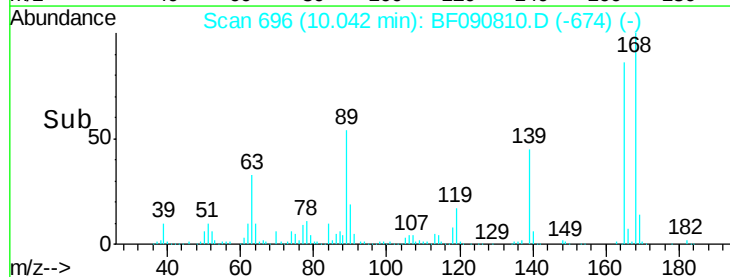
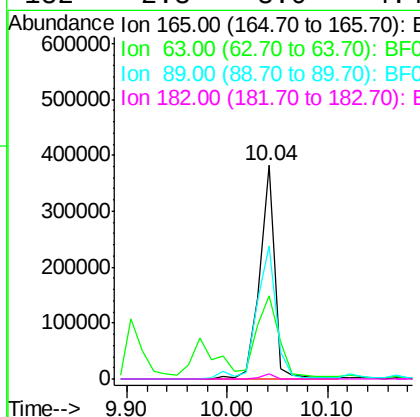
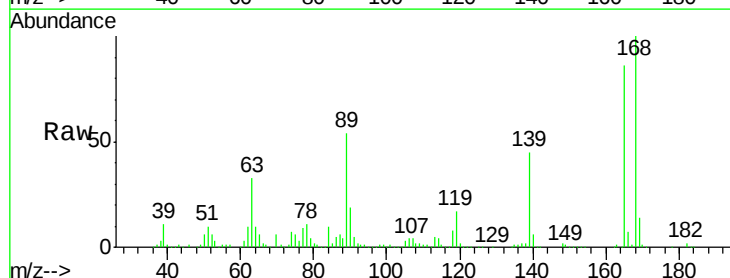
Instrument :
BNA_F
ClientSampleId :
PB94289BS

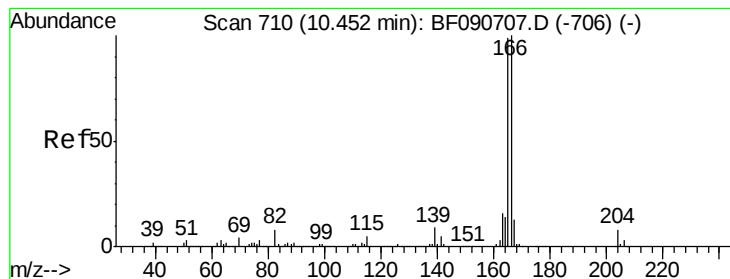
Tgt Ion:139 Resp: 365591
Ion Ratio Lower Upper
139 100
109 59.8 12.7 52.7#
65 91.6 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 54.88 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.04 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:165 Resp: 398413
Ion Ratio Lower Upper
165 100
63 38.9 29.8 44.6
89 62.4 44.5 66.7
182 2.3 3.0 4.4#





#57

Fluorene

Concen: 45.89 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

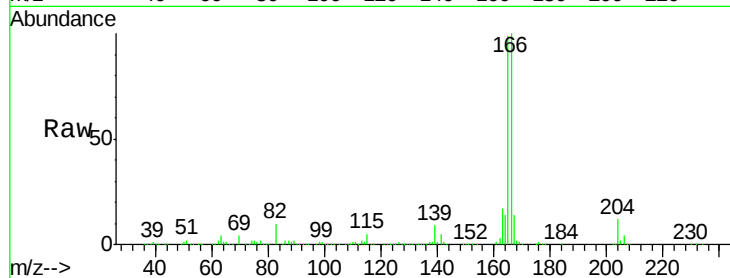
Tgt Ion:166 Resp: 1197422

Ion Ratio Lower Upper

166 100

165 99.1 72.6 109.0

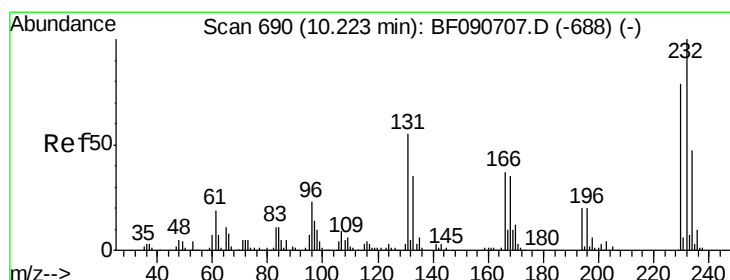
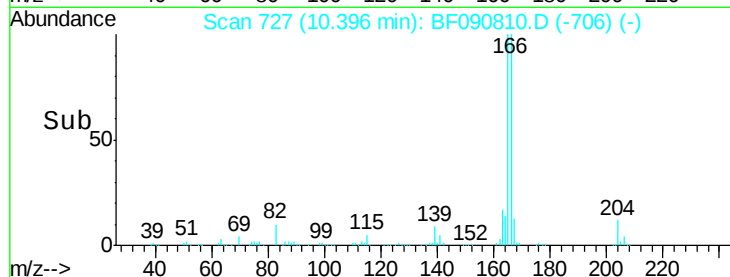
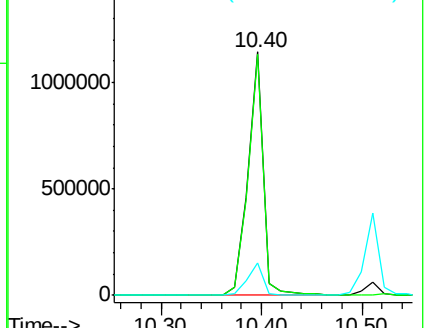
167 13.5 10.6 16.0



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: 49.17 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Tgt Ion:232 Resp: 288270

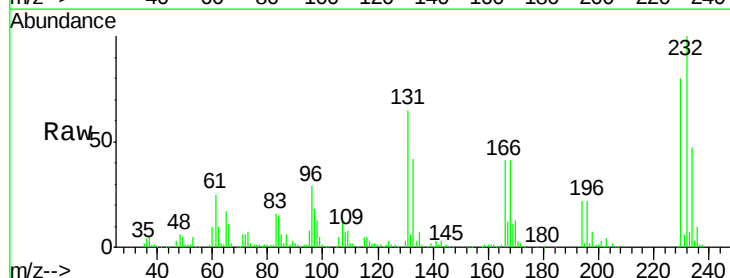
Ion Ratio Lower Upper

232 100

131 50.5 38.5 57.7

130 2.3 1.8 2.6

166 32.1 25.0 37.6

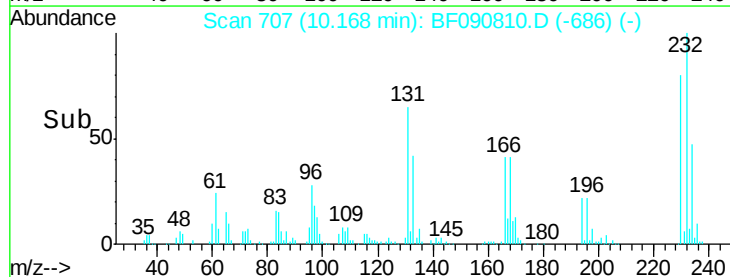
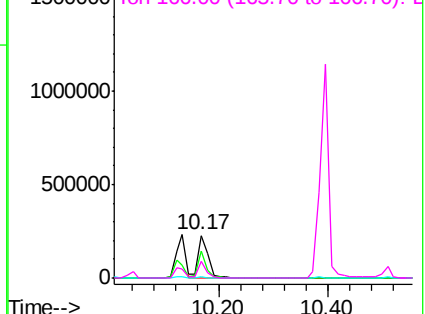


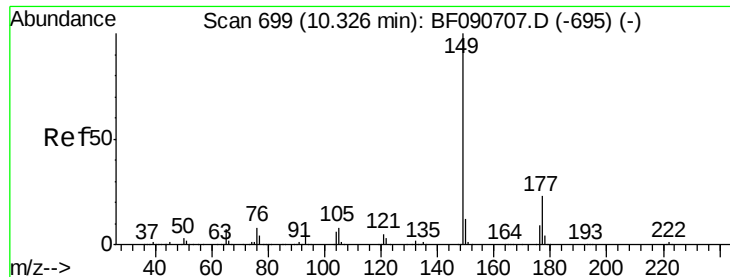
Abundance Ion 232.00 (231.70 to 232.70): E

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

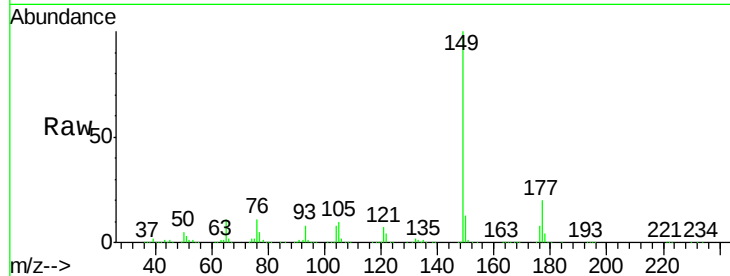




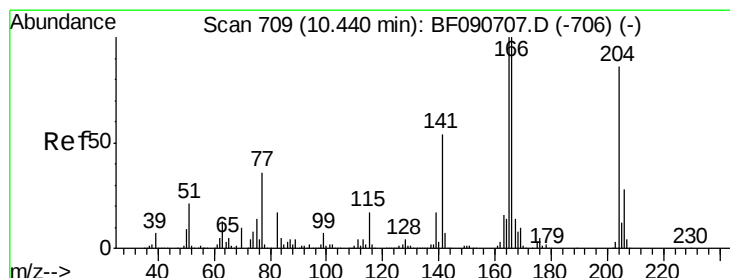
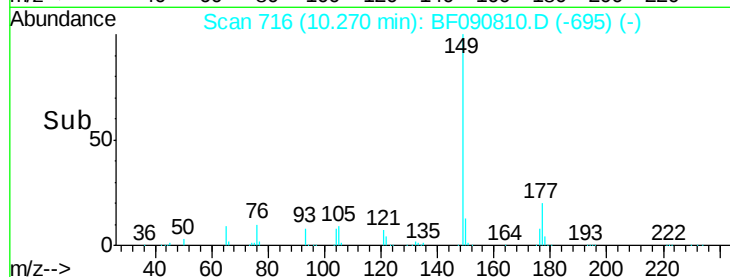
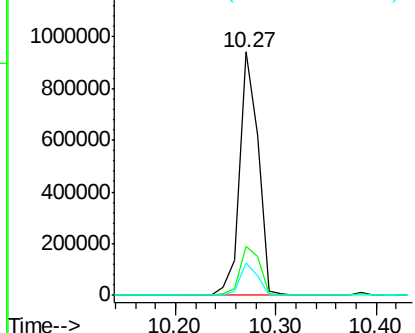
#59
Diethylphthalate
Concen: 42.03 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.06 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Instrument :
BNA_F
ClientSampleId :
PB94289BS

Tgt Ion:149 Resp: 1204077
Ion Ratio Lower Upper
149 100
177 20.0 17.5 26.3
150 13.1 9.4 14.2

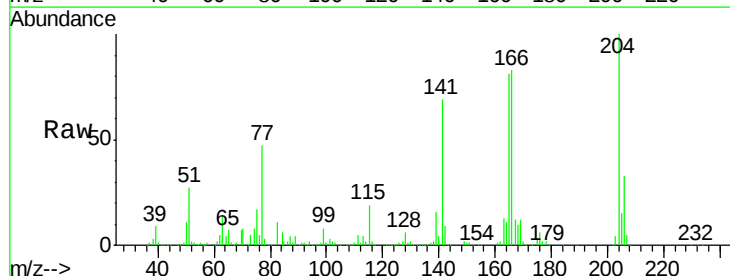


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

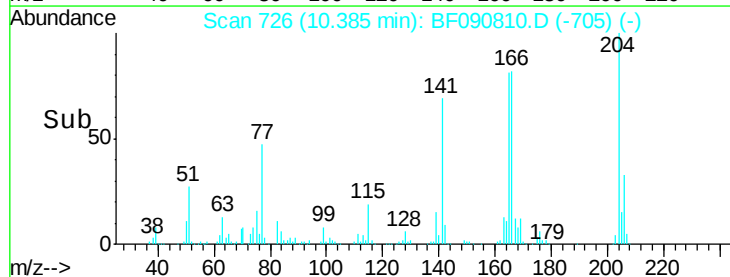
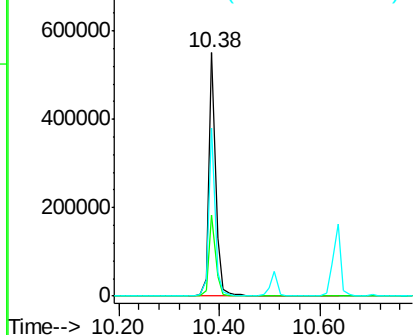


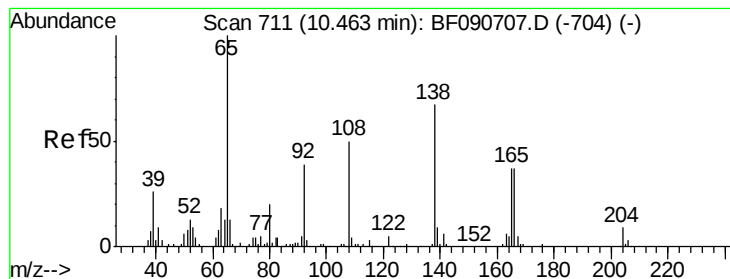
#60
4-Chlorophenyl-phenylether
Concen: 44.10 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.06 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:204 Resp: 525878
Ion Ratio Lower Upper
204 100
206 33.3 24.8 37.2
141 69.2 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: 39.18 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

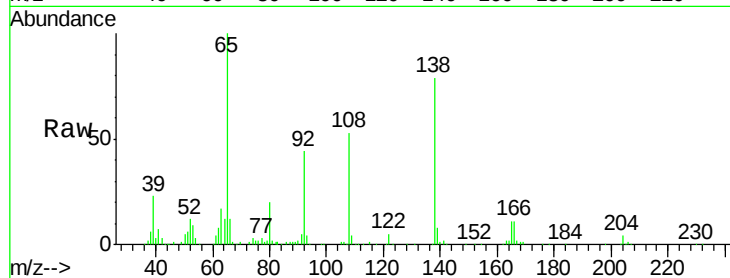
Tgt Ion:138 Resp: 270973

Ion Ratio Lower Upper

138 100

92 55.8 12.6 52.6#

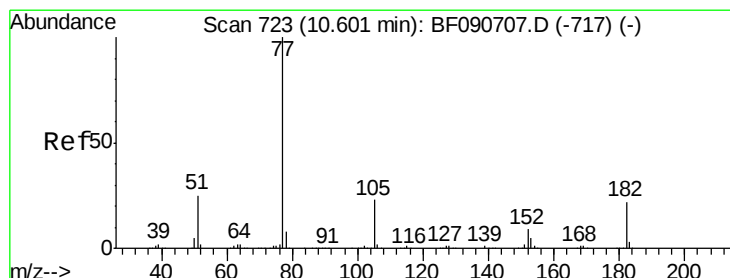
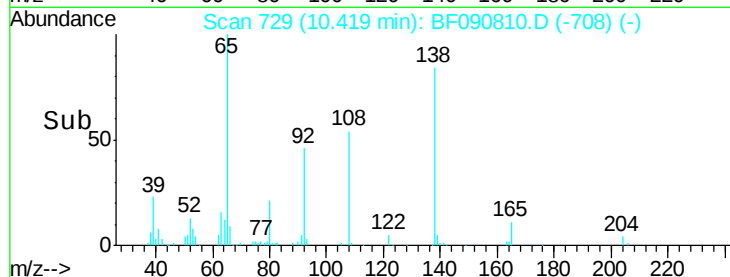
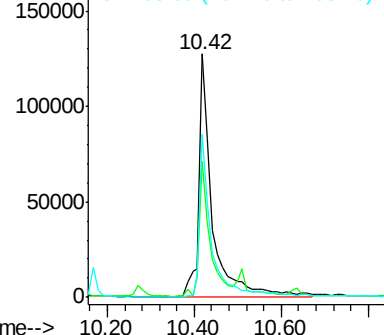
108 67.1 12.4 52.4#



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: 39.42 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Tgt Ion: 77 Resp: 1322333

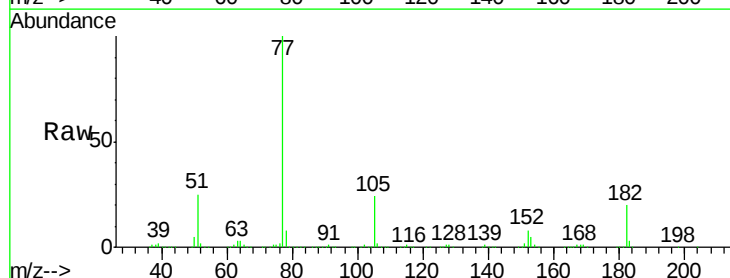
Ion Ratio Lower Upper

77 100

182 19.8 15.1 55.1

105 24.1 3.4 43.4

51 24.7 12.0 52.0

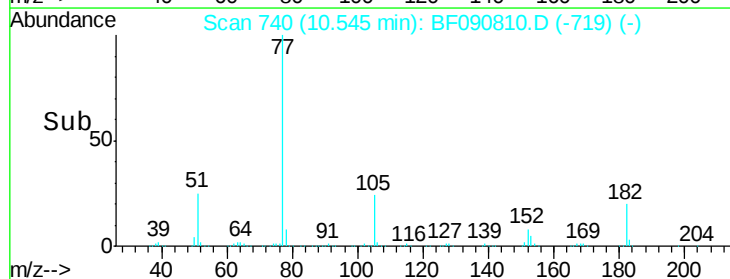
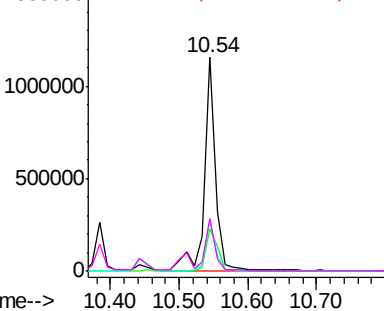


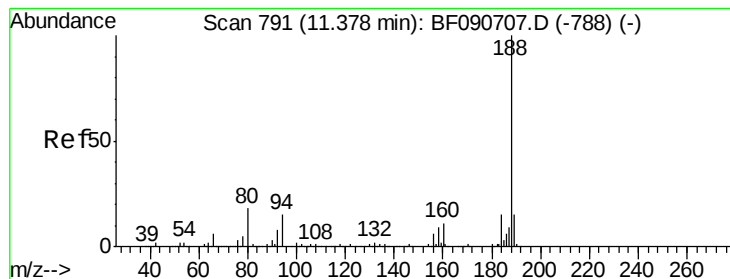
Abundance Ion 77.00 (76.70 to 77.70): BF0

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. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

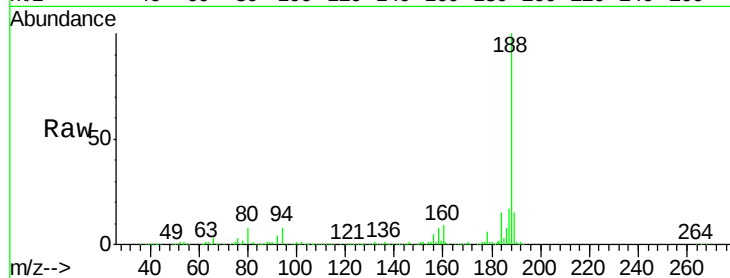
Tgt Ion:188 Resp: 730872

Ion Ratio Lower Upper

188 100

94 7.9 11.1 16.7#

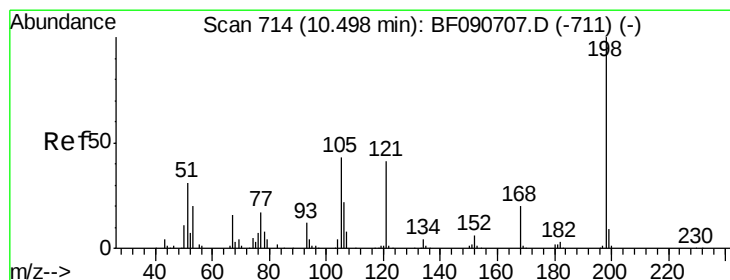
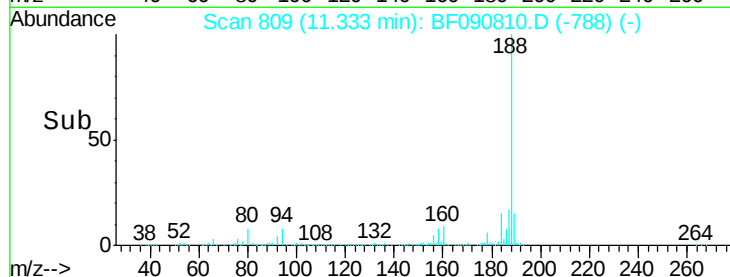
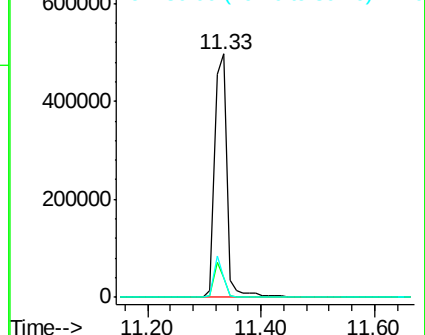
80 8.3 11.0 16.4#



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: 38.96 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

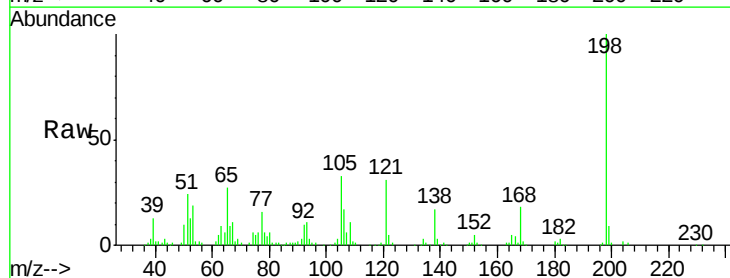
Tgt Ion:198 Resp: 177739

Ion Ratio Lower Upper

198 100

51 24.0 39.6 79.6#

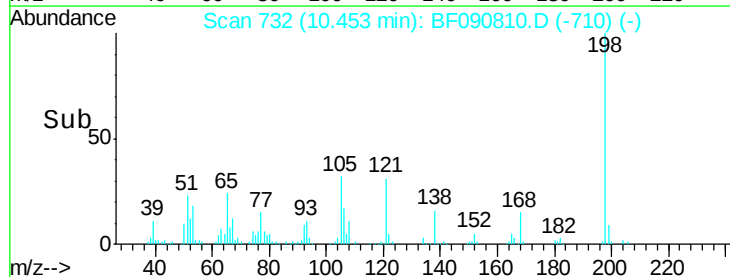
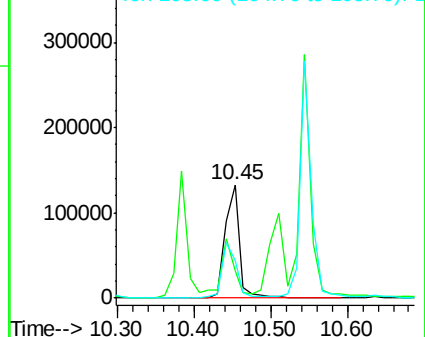
105 32.7 28.5 68.5

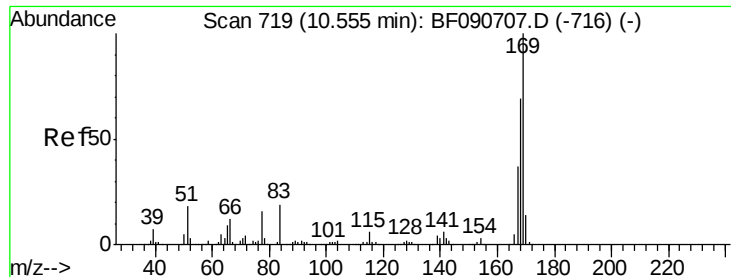


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

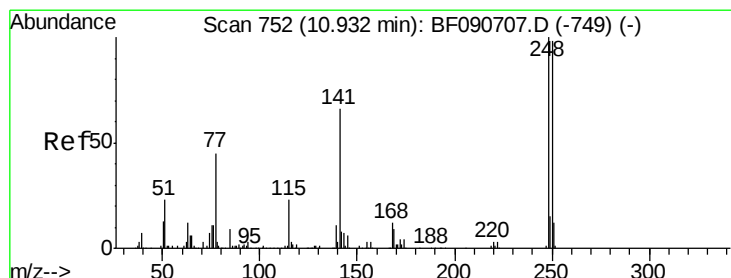
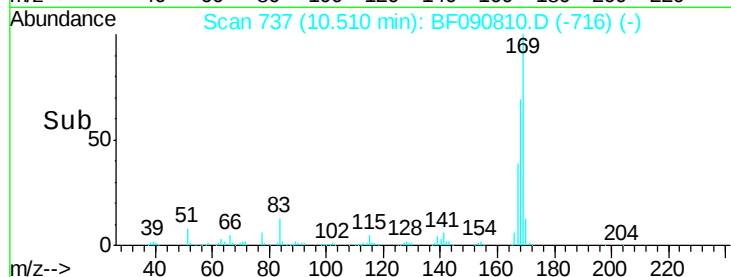
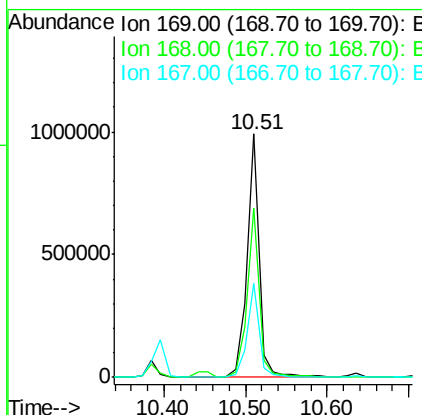
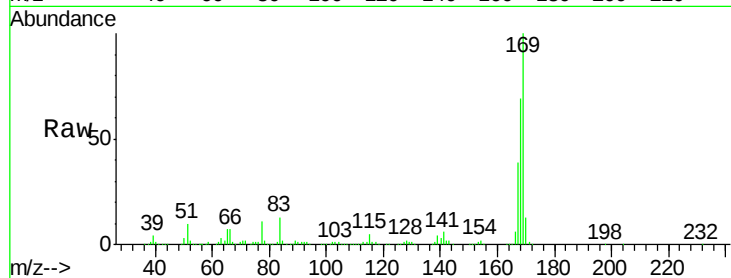




#65
 n-Nitrosodiphenylamine
 Concen: 43.64 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.06 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

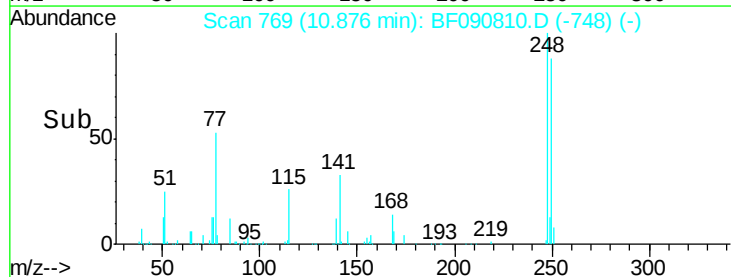
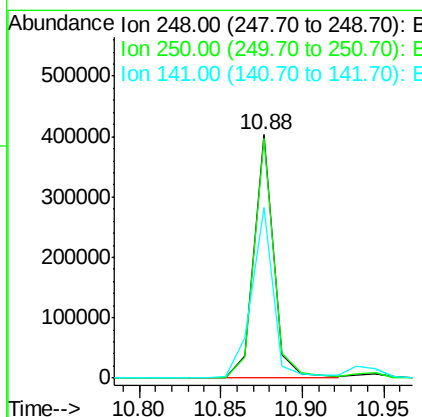
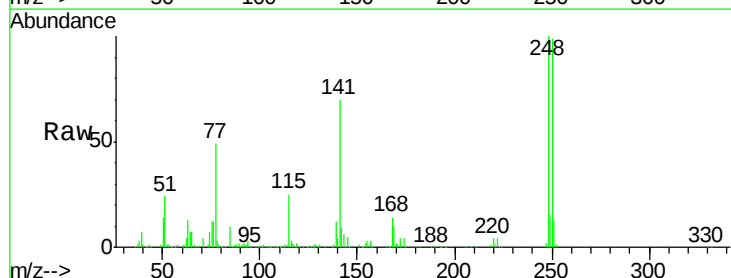
Instrument :
 BNA_F
 ClientSampleId :
 PB94289BS

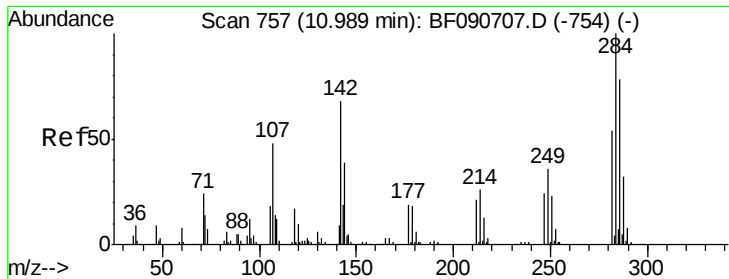
Tgt Ion:169 Resp: 1021783
 Ion Ratio Lower Upper
 169 100
 168 69.4 48.9 73.3
 167 38.7 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 48.06 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.06 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Tgt Ion:248 Resp: 340509
 Ion Ratio Lower Upper
 248 100
 250 98.7 78.5 117.7
 141 70.3 59.0 88.6





#67

Hexachlorobenzene

Concen: 48.15 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

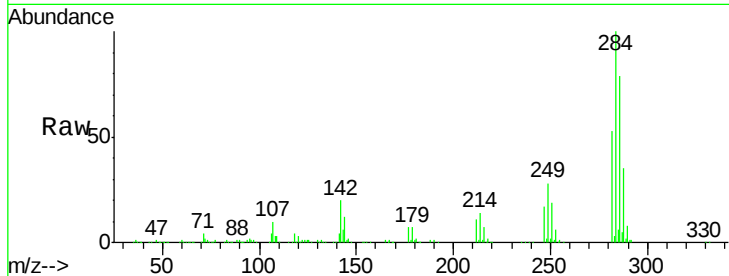
Tgt Ion:284 Resp: 402619

Ion Ratio Lower Upper

284 100

142 20.0 29.5 44.3#

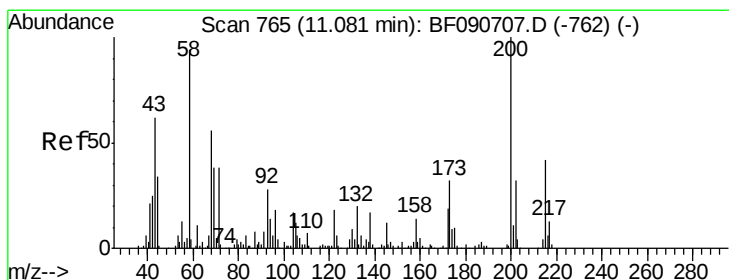
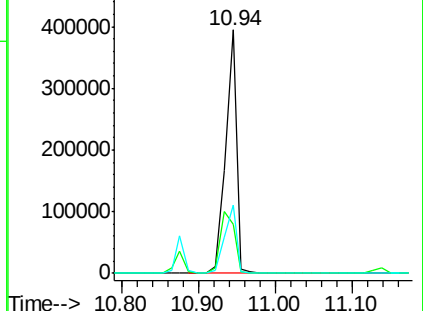
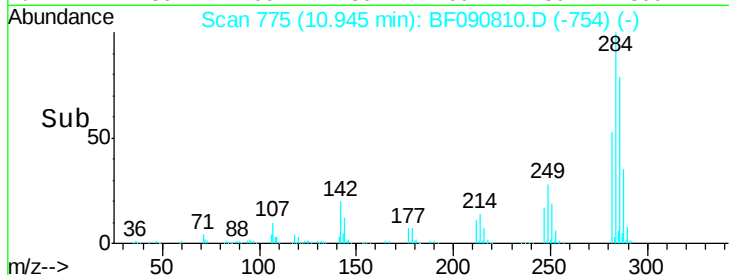
249 28.3 19.5 29.3



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: 44.38 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

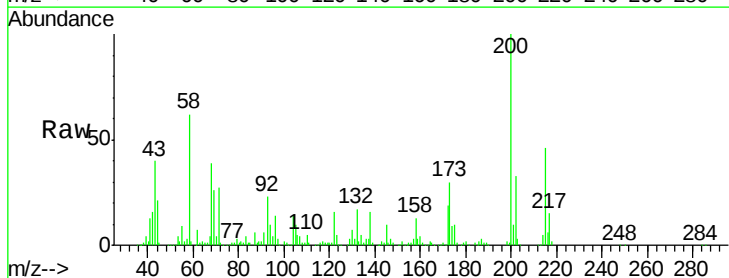
Tgt Ion:200 Resp: 286823

Ion Ratio Lower Upper

200 100

173 30.4 13.2 53.2

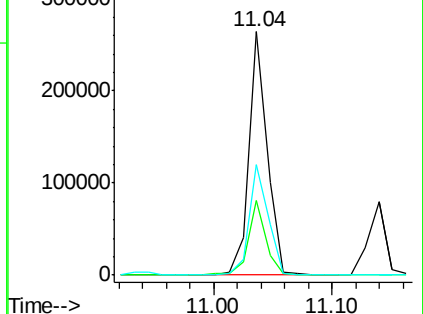
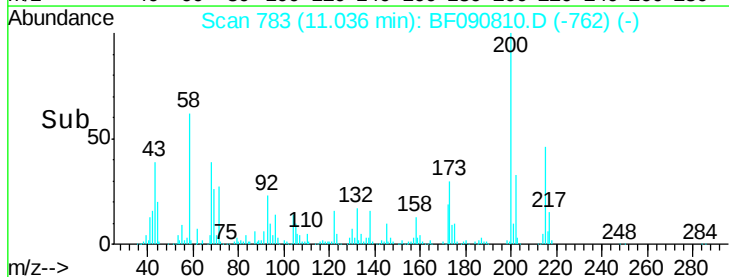
215 45.5 41.8 81.8

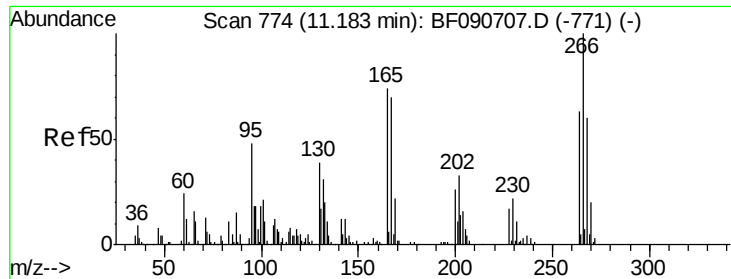


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

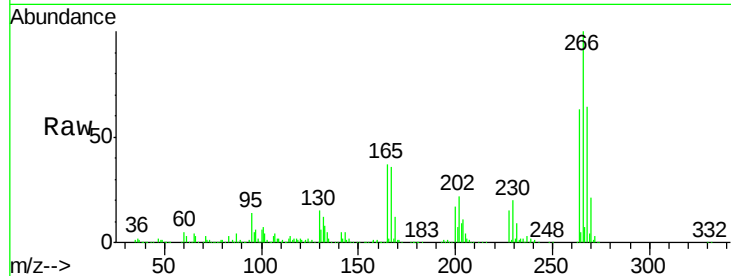




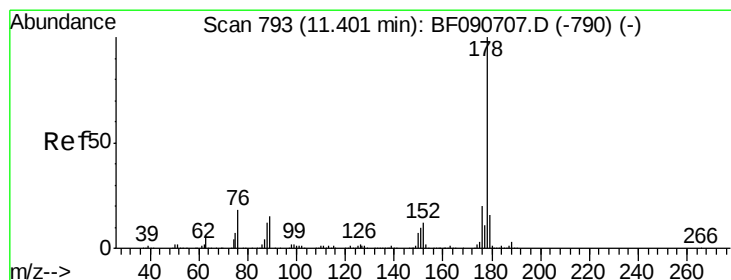
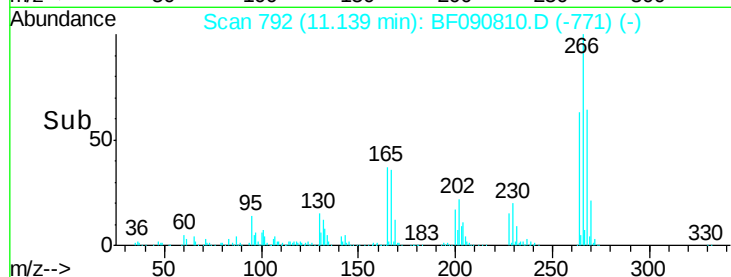
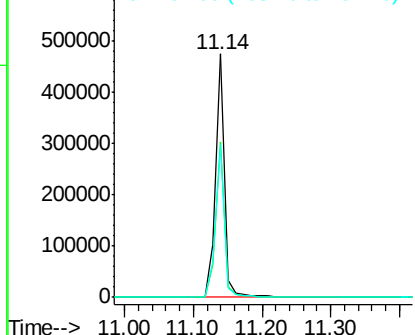
#69
 Pentachlorophenol
 Concen: 82.75 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.05 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB94289BS

Tgt Ion:266 Resp: 442564
 Ion Ratio Lower Upper
 266 100
 268 63.6 49.8 74.6
 264 62.9 50.2 75.2

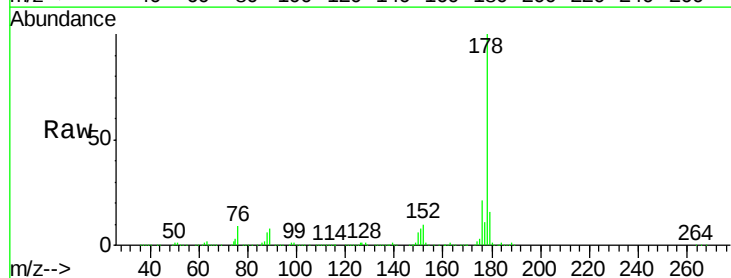


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

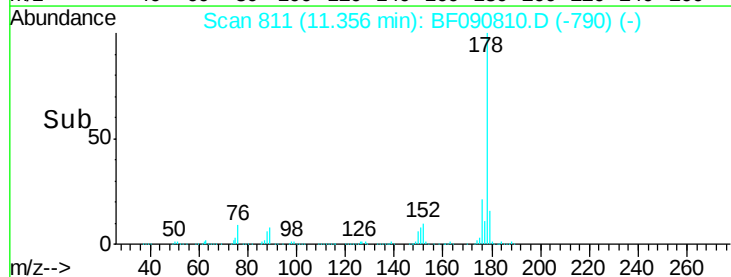
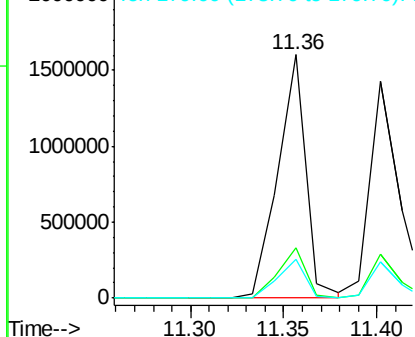


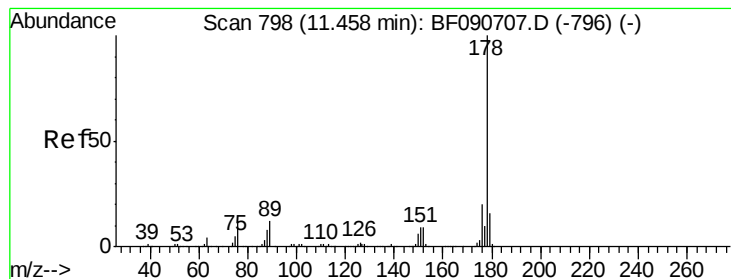
#70
 Phenanthrene
 Concen: 45.07 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.06 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Tgt Ion:178 Resp: 1678947
 Ion Ratio Lower Upper
 178 100
 176 20.5 13.8 20.8
 179 15.9 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





#71

Anthracene

Concen: 38.73 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

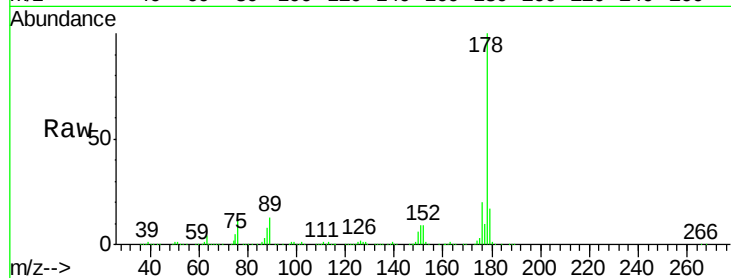
Tgt Ion:178 Resp: 1599953

Ion Ratio Lower Upper

178 100

176 20.2 14.1 21.1

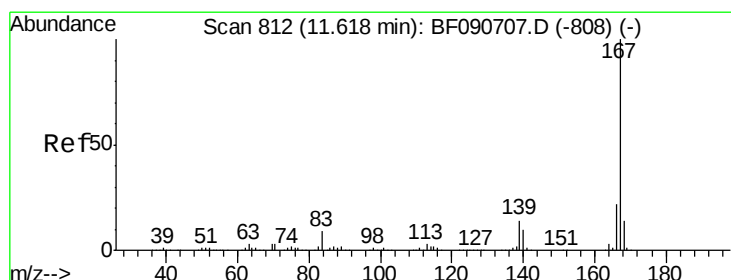
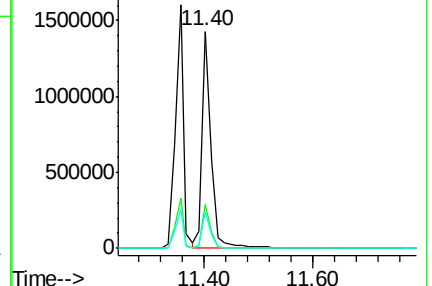
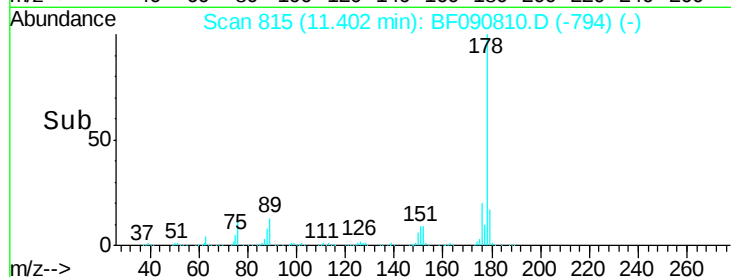
179 16.7 12.2 18.2



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: 43.65 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

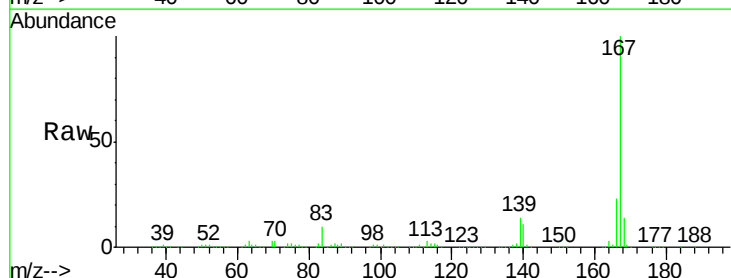
Tgt Ion:167 Resp: 1507660

Ion Ratio Lower Upper

167 100

166 22.8 15.7 23.5

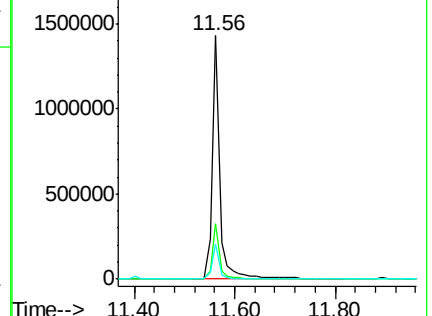
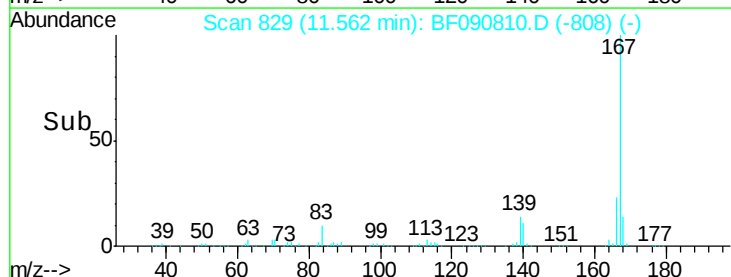
139 14.3 9.5 14.3#

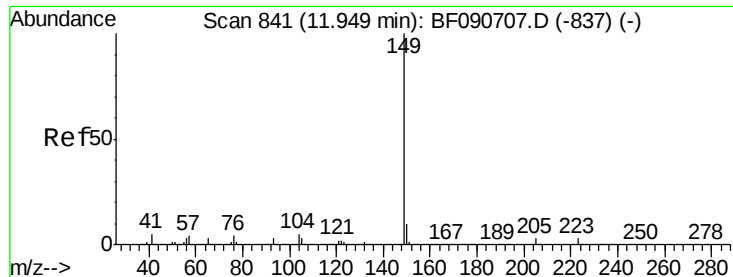


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.22 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

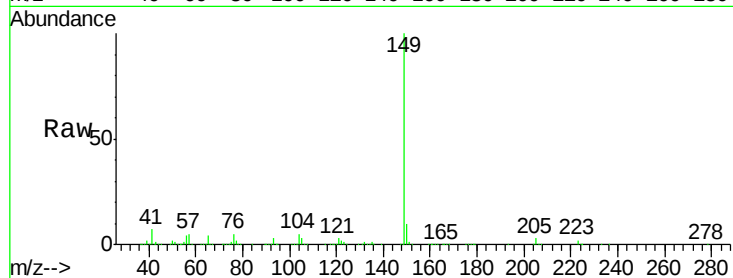
Tgt Ion:149 Resp: 1802043

Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.2

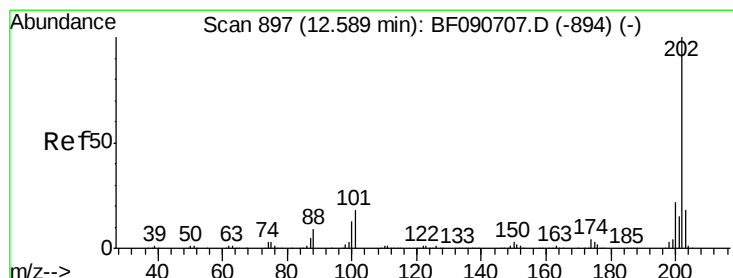
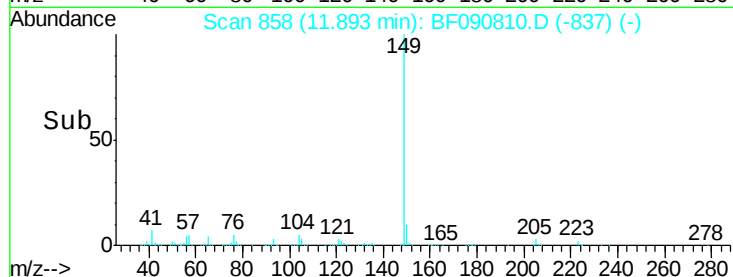
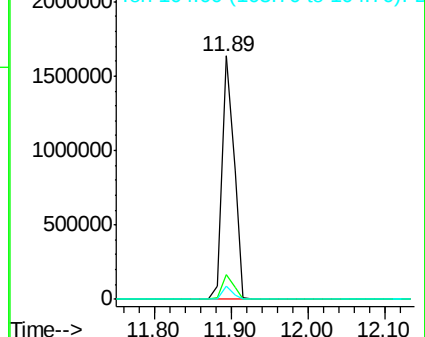
104 5.3 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.16 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.04 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

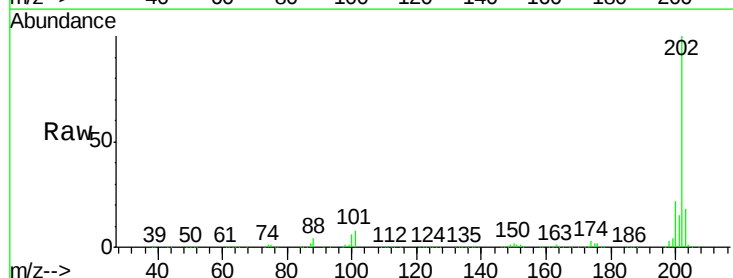
Tgt Ion:202 Resp: 1591470

Ion Ratio Lower Upper

202 100

101 7.8 0.0 38.3

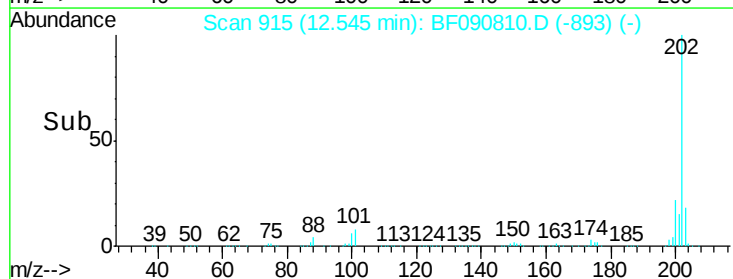
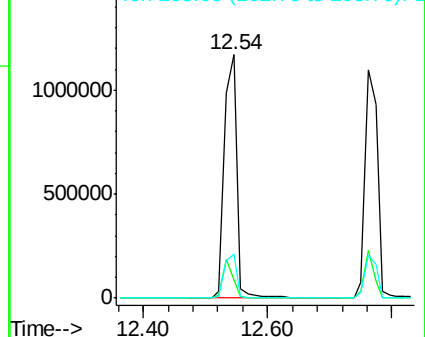
203 17.9 0.0 37.3

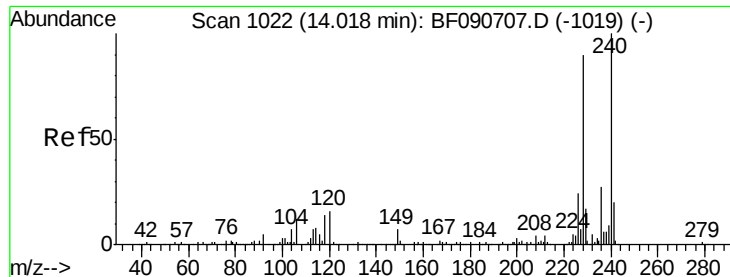


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.04 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

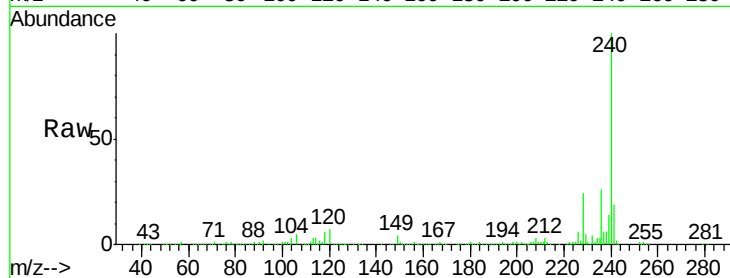
Tgt Ion:240 Resp: 491711

Ion Ratio Lower Upper

240 100

120 6.9 16.2 24.2#

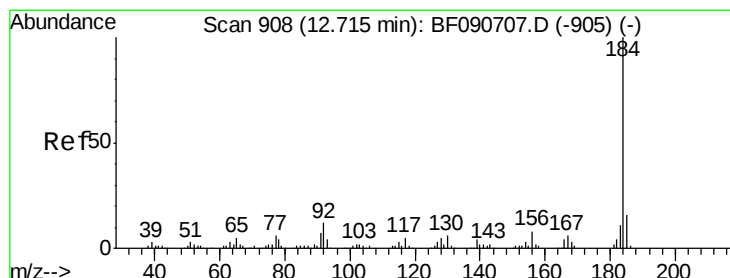
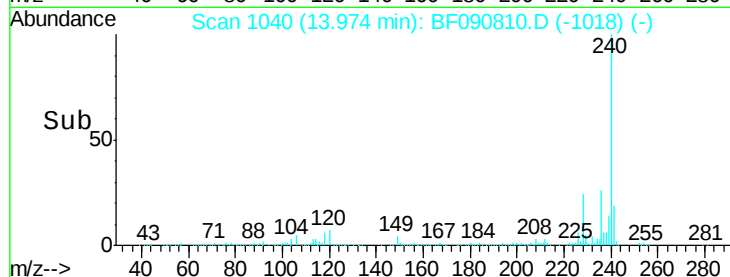
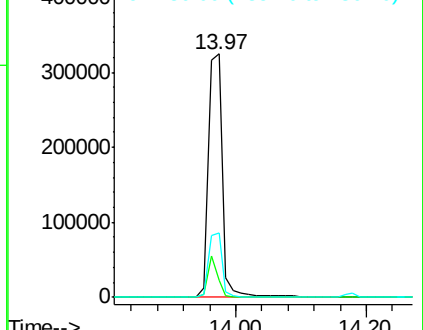
236 26.4 18.4 27.6



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: 27.25 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.04 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

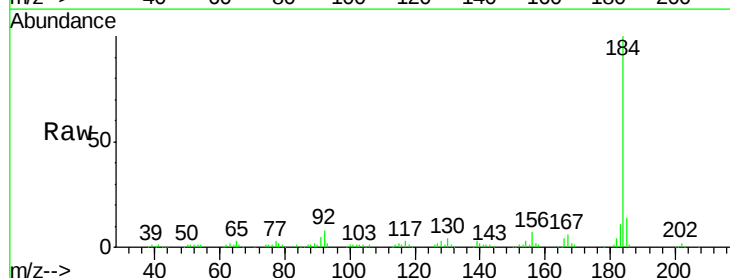
Tgt Ion:184 Resp: 297544

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

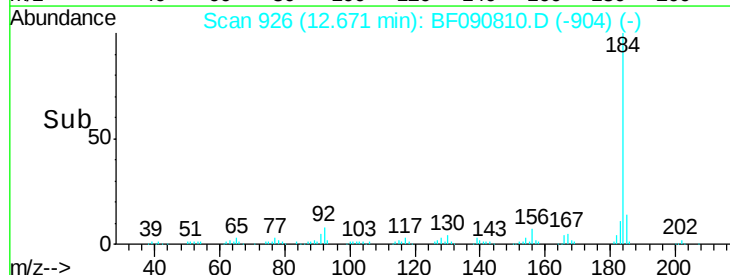
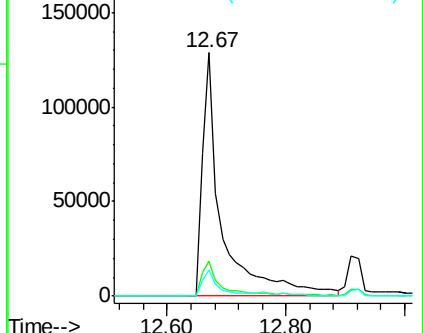
183 10.9 7.6 11.4

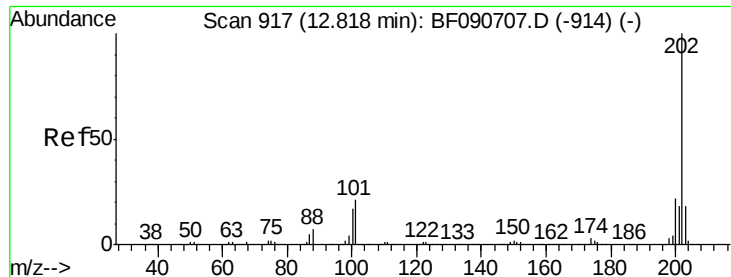


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



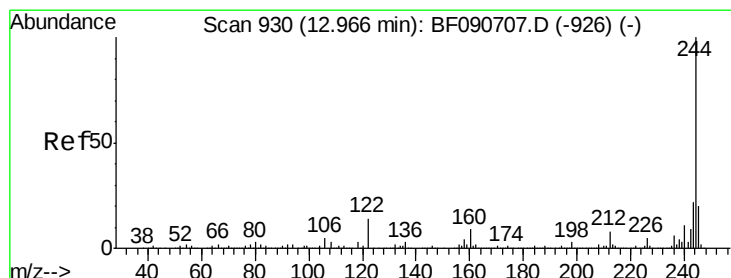
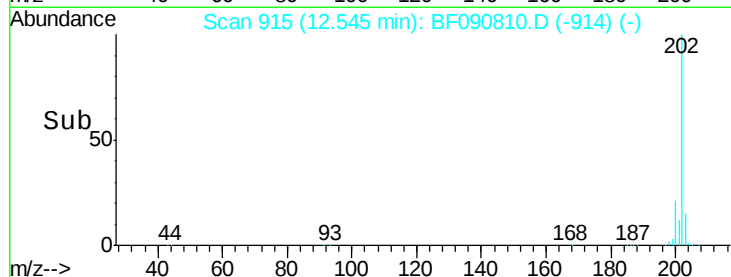
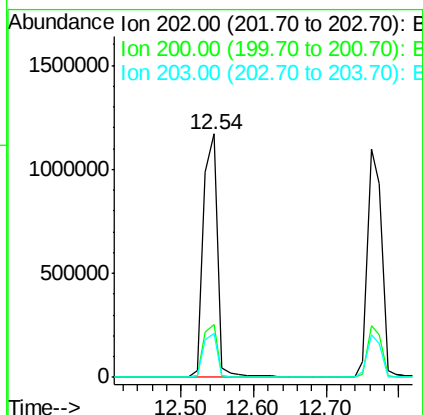
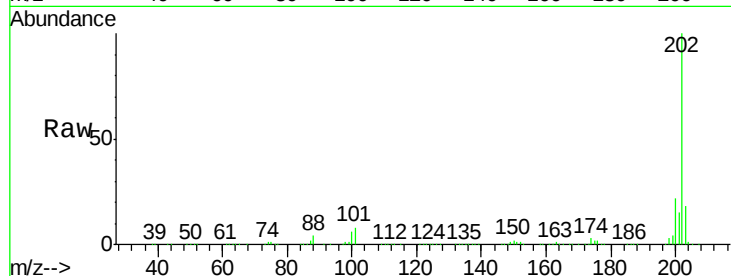


#77
 Pyrene
 Concen: 46.02 ng
 RT: 12.54 min Scan# 915
 Delta R.T. -0.28 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB94289BS

Tgt Ion: 202 Resp: 1580257

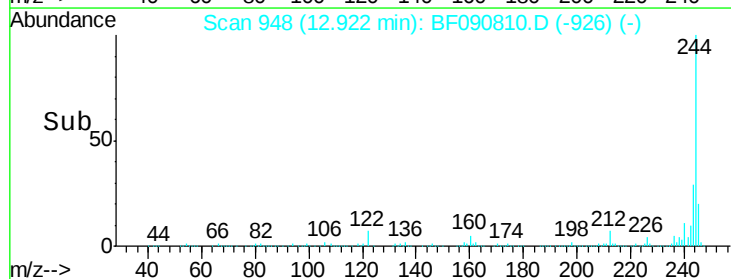
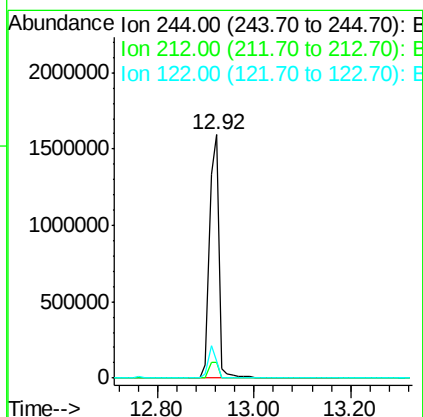
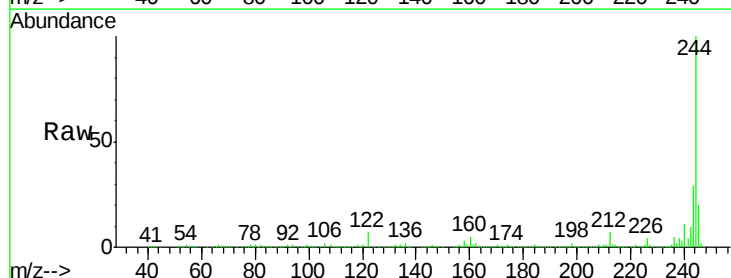
Ion	Ratio	Lower	Upper
202	100		
200	21.8	15.0	22.4
203	17.9	14.1	21.1

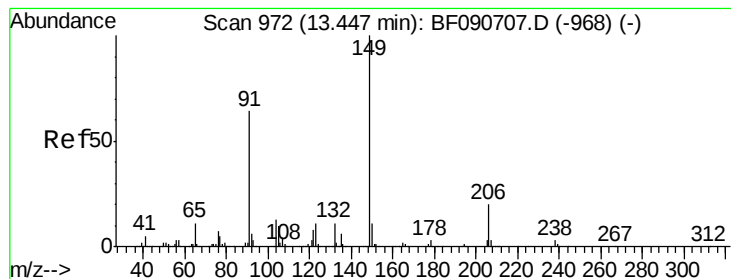


#78
 Terphenyl-d14
 Concen: 102.35 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.04 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Tgt Ion: 244 Resp: 2195913

Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.3	6.5#
122	7.0	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 44.66 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.06 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

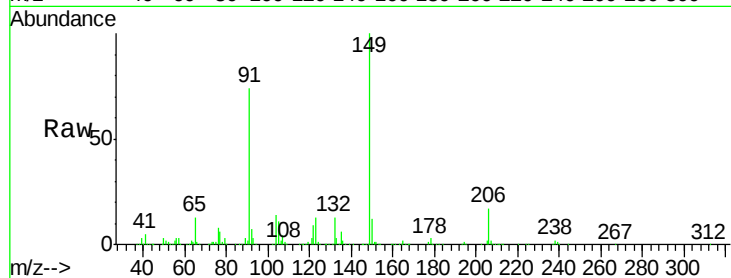
Tgt Ion:149 Resp: 704956

Ion Ratio Lower Upper

149 100

91 73.6 48.6 72.8#

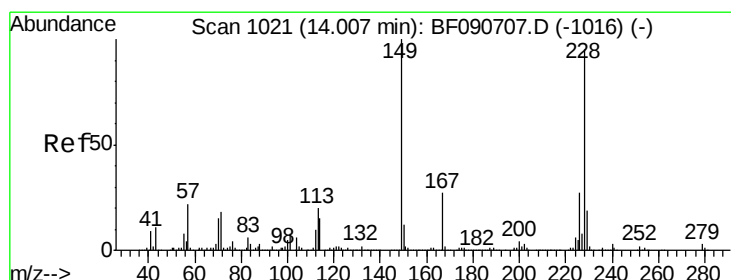
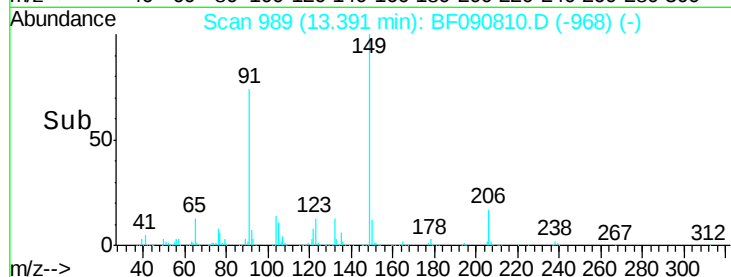
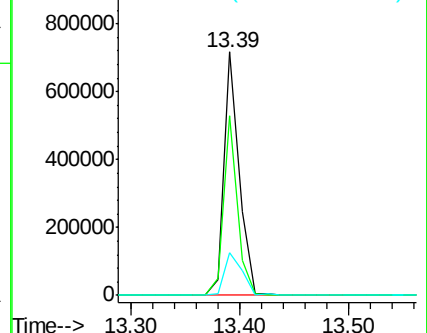
206 17.3 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.36 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.04 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

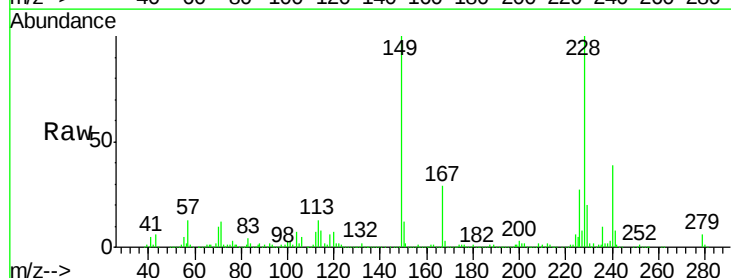
Tgt Ion:228 Resp: 1166851

Ion Ratio Lower Upper

228 100

226 27.0 20.0 30.0

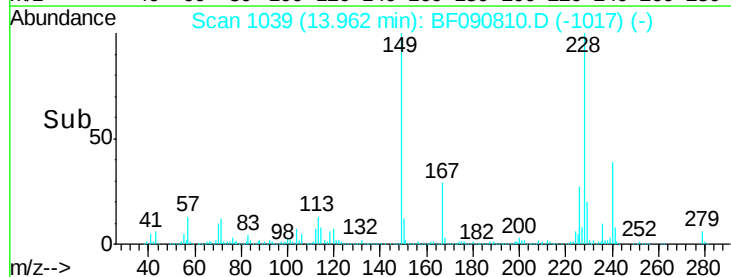
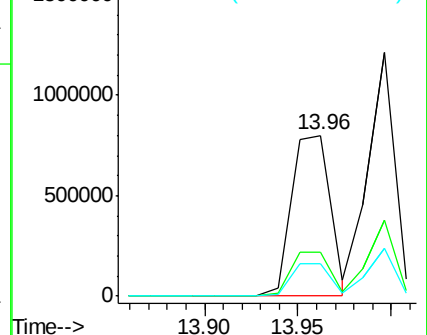
229 19.8 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

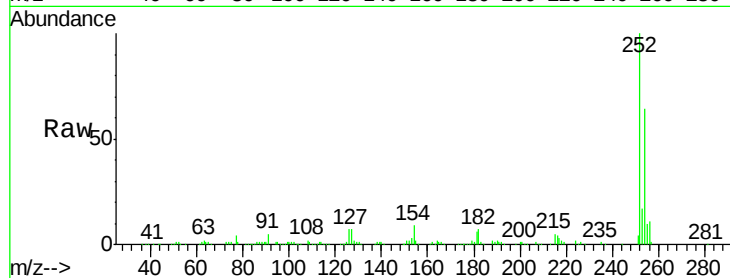




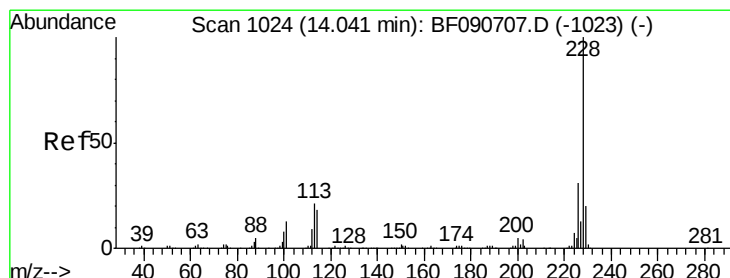
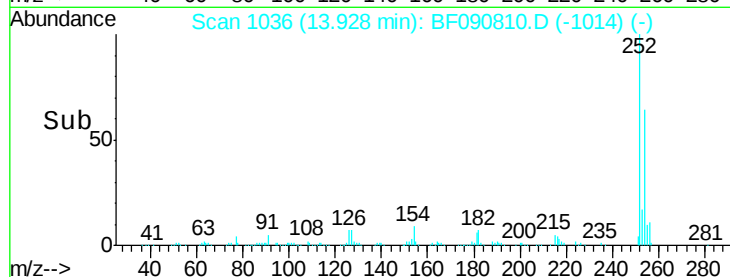
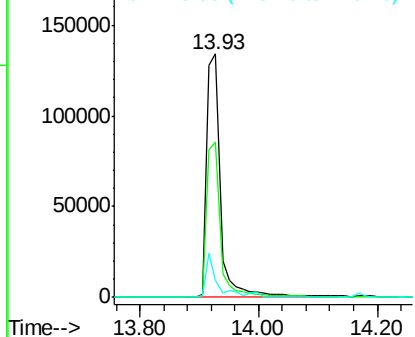
#81
 3,3'-Dichlorobenzidine
 Concen: 23.78 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.04 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB94289BS

Tgt Ion: 252 Resp: 221756
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.4 77.2
 126 7.2 16.4 24.6#

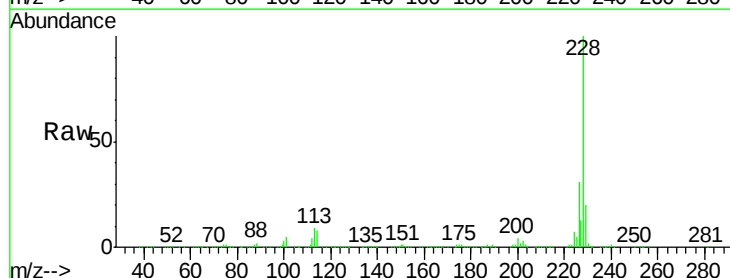


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

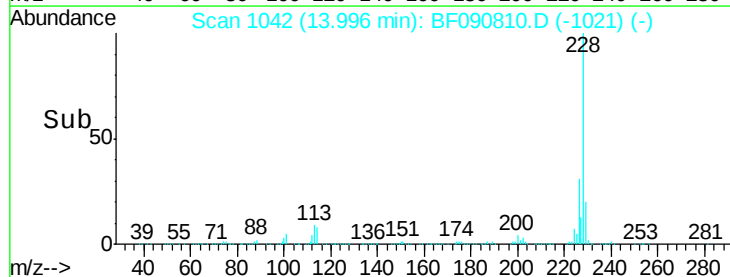
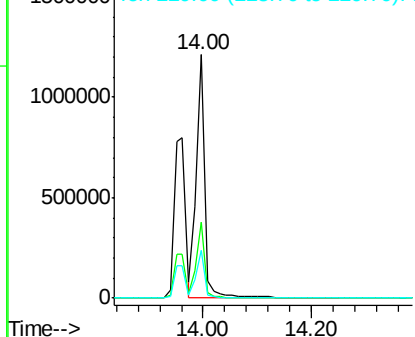


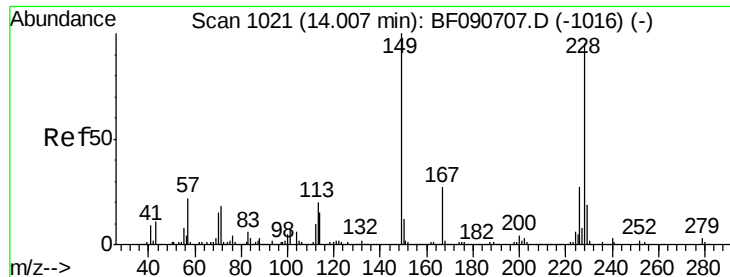
#82
 Chrysene
 Concen: 49.38 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.06 min
 Lab File: BF090810.D
 Acq: 25 Oct 2016 16:36

Tgt Ion: 228 Resp: 1296812
 Ion Ratio Lower Upper
 228 100
 226 31.0 21.0 31.4
 229 19.9 15.6 23.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.99 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.04 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

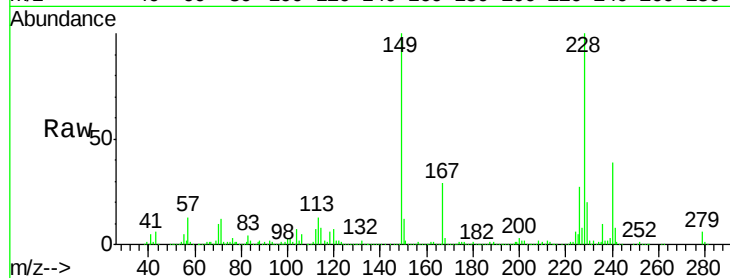
Tgt Ion:149 Resp: 1016176

Ion Ratio Lower Upper

149 100

167 29.4 24.2 36.2

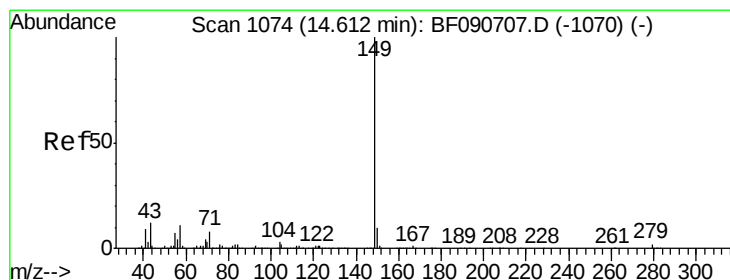
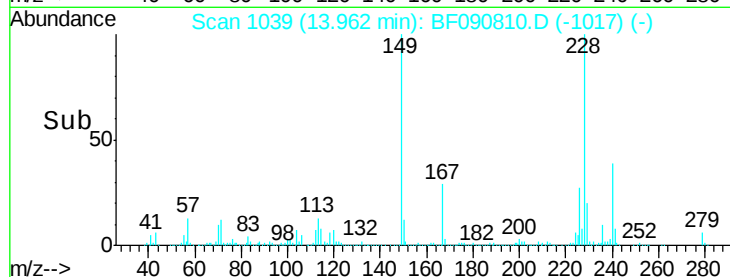
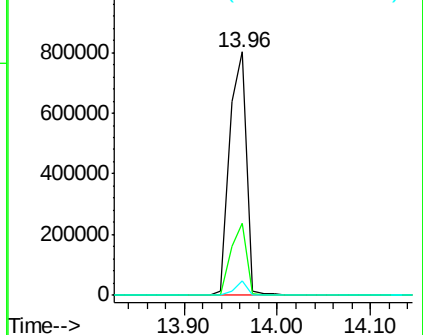
279 5.8 3.8 5.6#



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: 46.23 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.04 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

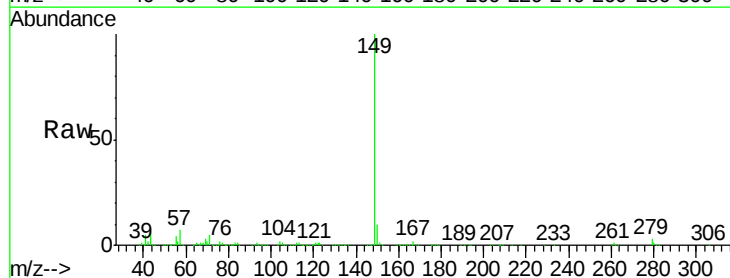
Tgt Ion:149 Resp: 1584648

Ion Ratio Lower Upper

149 100

167 1.7 1.0 1.6#

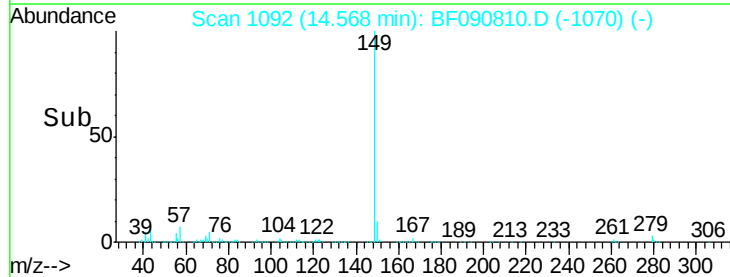
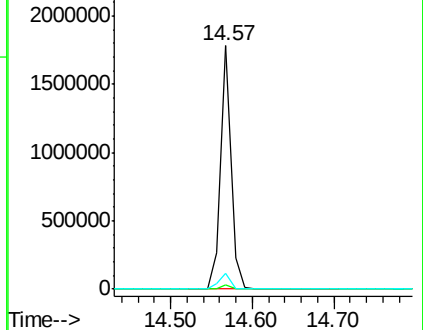
43 6.9 10.2 15.2#

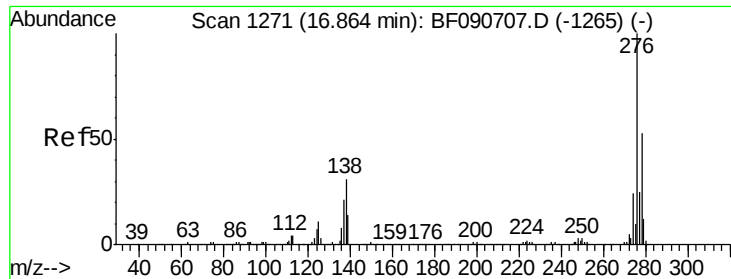


Abundance Ion 149.00 (148.70 to 149.70): E

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: 44.47 ng

RT: 16.76 min Scan# 1284

Delta R.T. -0.10 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

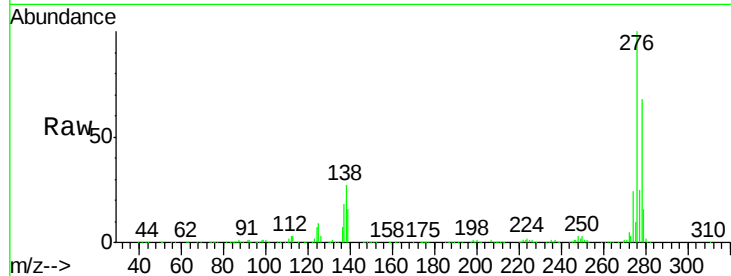
Tgt Ion:276 Resp: 1018927

Ion Ratio Lower Upper

276 100

138 28.2 25.7 38.5

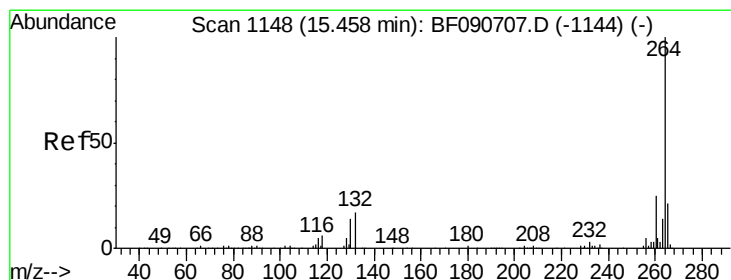
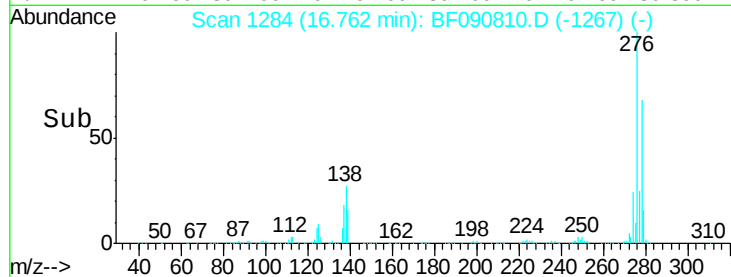
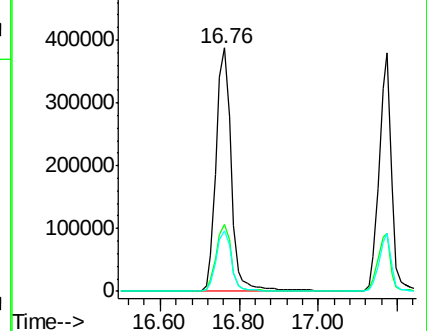
277 25.2 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.08 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

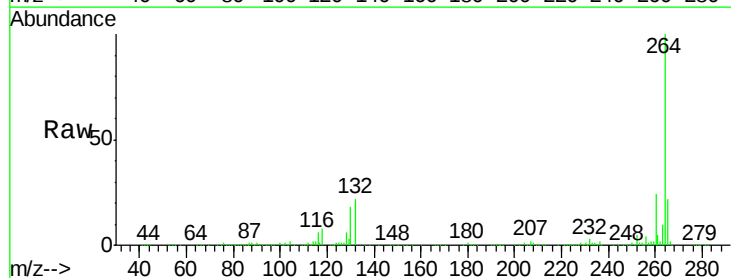
Tgt Ion:264 Resp: 408502

Ion Ratio Lower Upper

264 100

260 23.8 16.7 25.1

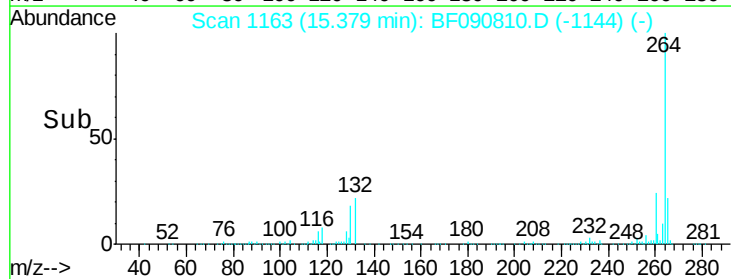
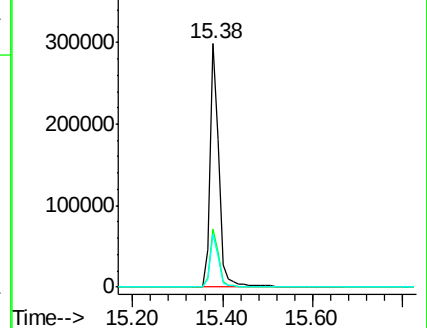
265 21.6 17.2 25.8

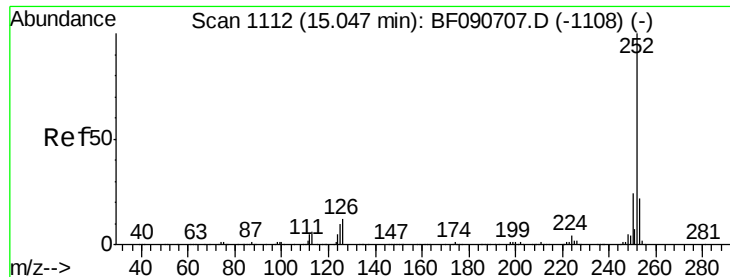


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

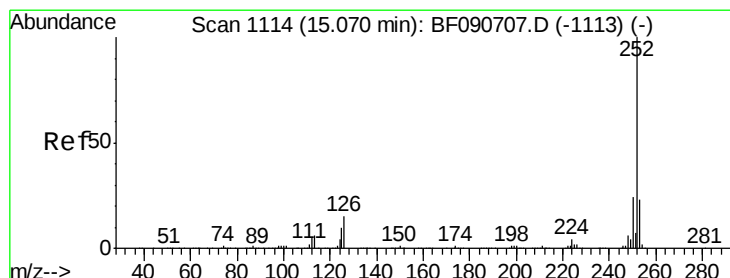
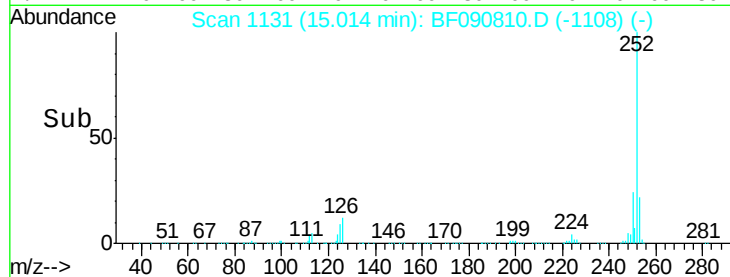
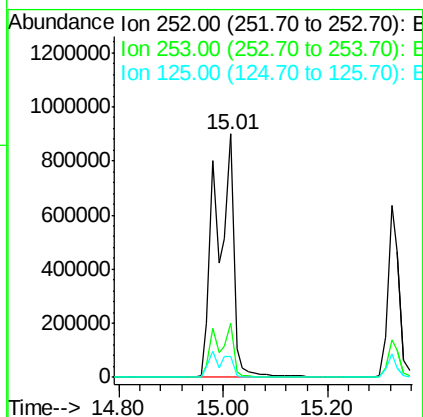
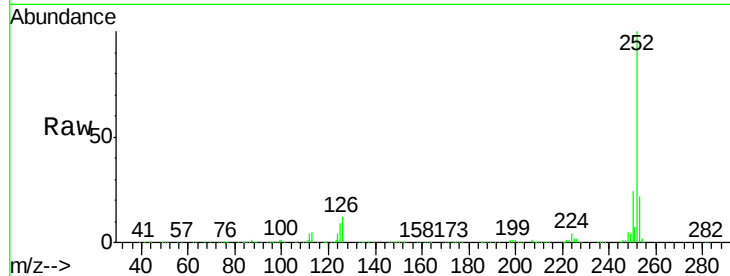




#87
Benzo(b)fluoranthene
Concen: 84.20 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.03 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

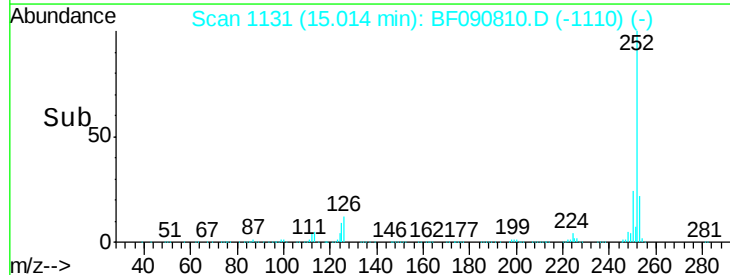
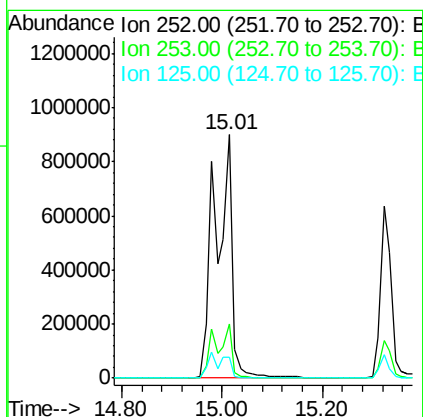
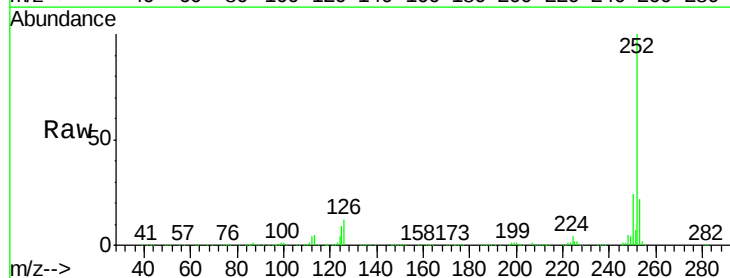
Instrument :
BNA_F
ClientSampleId :
PB94289BS

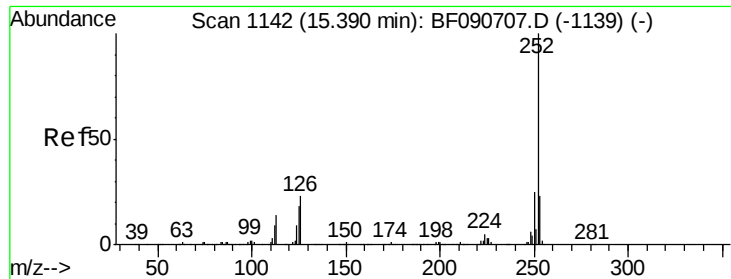
Tgt Ion:252 Resp: 2115015
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.5 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 83.84 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.06 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:252 Resp: 2116407
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 8.5 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 40.81 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.08 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

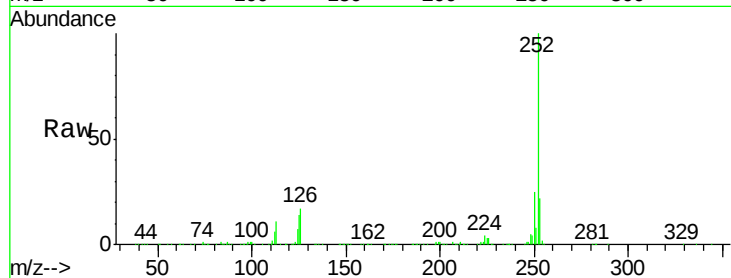
Tgt Ion:252 Resp: 961722

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

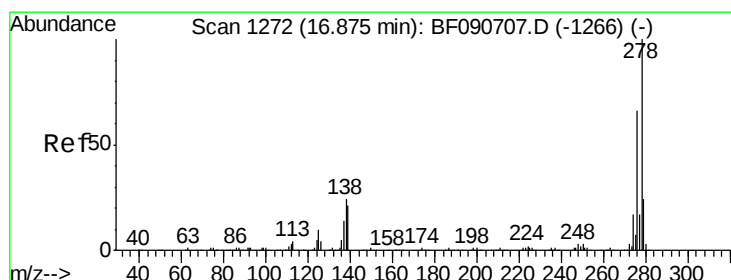
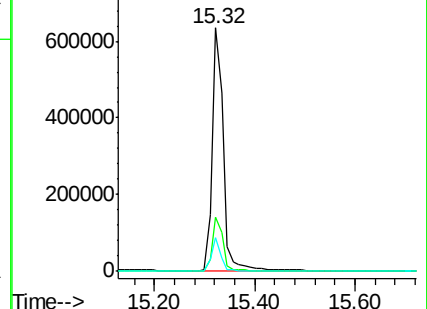
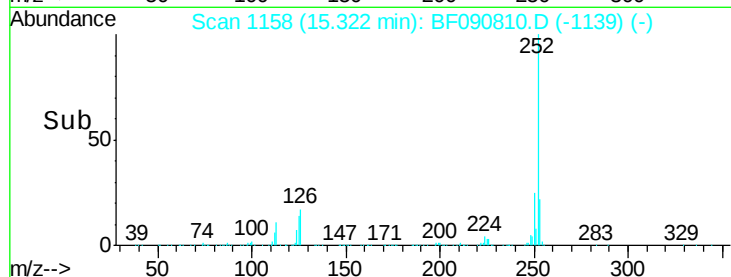
125 13.6 18.0 27.0#



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: 38.24 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.10 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

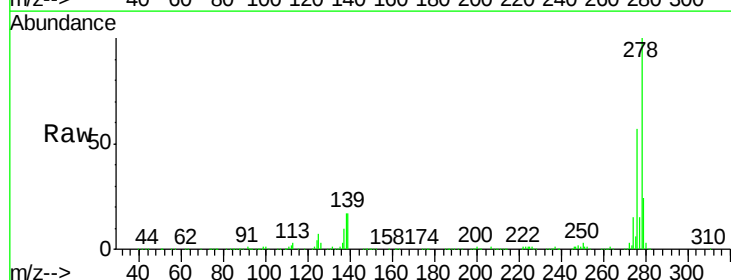
Tgt Ion:278 Resp: 865161

Ion Ratio Lower Upper

278 100

139 17.3 26.3 39.5#

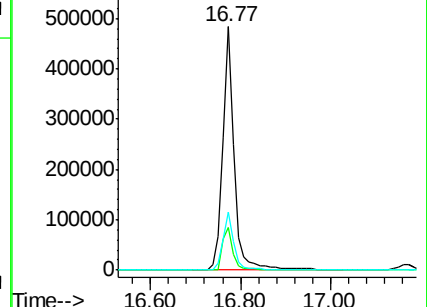
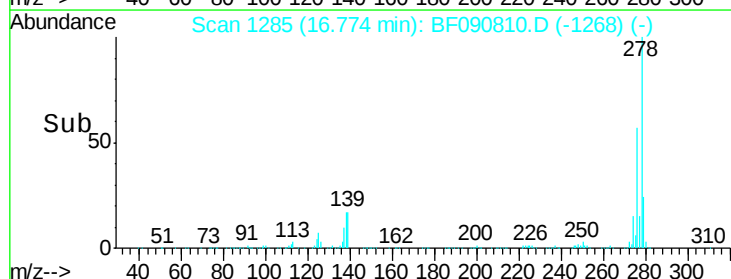
279 23.8 18.2 27.4

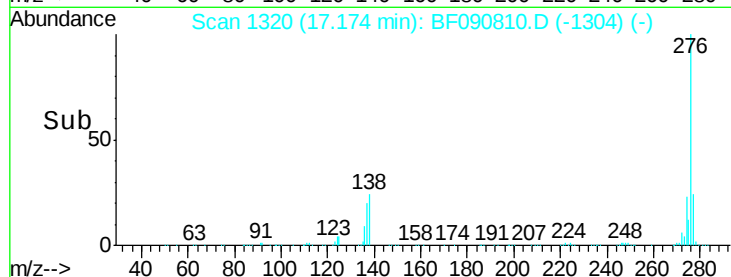
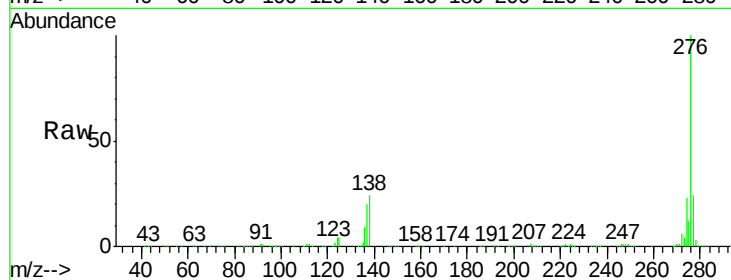
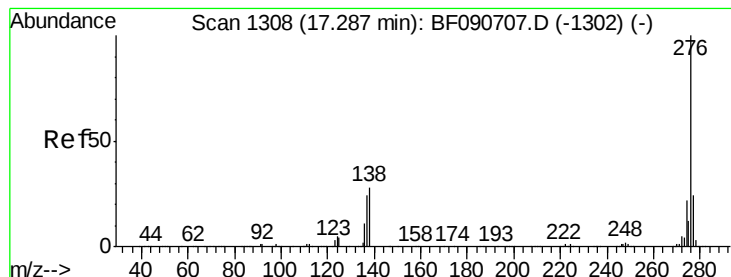


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.06 ng

RT: 17.17 min Scan# 1320

Delta R.T. -0.11 min

Lab File: BF090810.D

Acq: 25 Oct 2016 16:36

Instrument :

BNA_F

ClientSampleId :

PB94289BS

Tgt Ion: 276 Resp: 813309

Ion Ratio Lower Upper

276 100

277 24.2 17.8 26.6

138 24.2 34.6 51.8#

