

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088716.D
 Acq On : 5 Jul 2016 21:39
 Operator : UM/SJ
 Sample : H3837-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Quant Time: Jul 06 01:37:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	104954	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	410314	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	195893	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	384425	20.00	ng	0.00
75) Chrysene-d12	13.91	240	257256	20.00	ng	-0.01
86) Perylene-d12	15.29	264	195141	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	765518	109.31	ng	0.01
7) Phenol-d6	6.41	99	977725	108.05	ng	0.00
23) Nitrobenzene-d5	7.34	82	613624	78.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	218653	120.20	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1154416	93.09	ng	0.00
78) Terphenyl-d14	12.87	244	868681	75.21	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.39	88	80511	23.19	ng	# 31
3) Pyridine	3.07	79	53198	5.28	ng	95
4) n-Nitrosodimethylamine	3.00	42	64444	16.74	ng	91
6) Aniline	6.43	93	125330	9.50	ng	# 75
8) 2-Chlorophenol	6.56	128	168799	22.43	ng	95
9) Benzaldehyde	6.32	77	112954	18.43	ng	98
10) Phenol	6.42	94	143094	13.86	ng	# 40
11) bis(2-Chloroethyl)ether	6.51	93	155388	20.18	ng	91
12) 1,3-Dichlorobenzene	6.95	146	165036	19.93	ng	96
13) 1,4-Dichlorobenzene	6.79	146	158270	19.25	ng	94
14) 1,2-Dichlorobenzene	6.72	146	157253	20.44	ng	98
15) Benzyl Alcohol	6.91	79	142187	21.35	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	199433	17.88	ng	90
17) 2-Methylphenol	7.04	107	139051	22.65	ng	98
18) Hexachloroethane	7.29	117	65459	20.59	ng	94
19) n-Nitroso-di-n-propylamine	7.19	70	119628	19.68	ng	94
20) 3+4-Methylphenols	7.19	107	166226	22.56	ng	# 81
22) Acetophenone	7.19	105	232616	23.36	ng	# 89
24) Nitrobenzene	7.36	77	197036	24.96	ng	90
25) Isophorone	7.60	82	339307	23.39	ng	97
26) 2-Nitrophenol	7.68	139	85013	26.26	ng	# 78
27) 2,4-Dimethylphenol	7.71	122	125608	18.63	ng	# 86
28) bis(2-Chloroethoxy)methane	7.82	93	224196	23.75	ng	# 96
29) 2,4-Dichlorophenol	7.92	162	138962	25.50	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	131976	22.07	ng	98
31) Naphthalene	8.08	128	460094	22.75	ng	99
33) 4-Chloroaniline	8.12	127	109615	12.18	ng	94
34) Hexachlorobutadiene	8.20	225	75882	23.70	ng	98
35) Caprolactam	8.48	113	14318	7.74	ng	91
36) 4-Chloro-3-methylphenol	8.62	107	155587	24.15	ng	96
37) 2-Methylnaphthalene	8.78	142	306930	23.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	125440	19.25	ng	# 1
40) Hexachlorocyclopentadiene	8.92	237	162497	50.81	ng	99
42) 2,4,6-Trichlorophenol	9.05	196	106747	24.85	ng	98

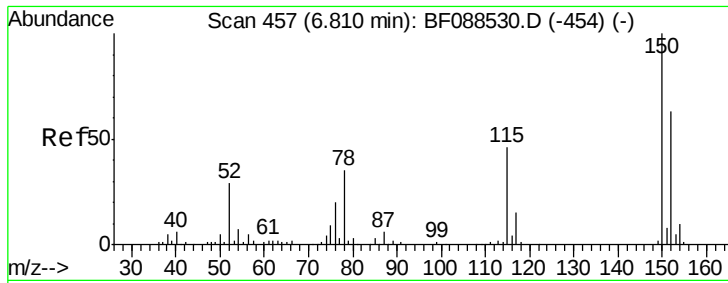
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	87392	23.64	ng	# 88
45) 1,1'-Biphenyl	9.23	154	377216	23.25	ng	99
46) 2-Chloronaphthalene	9.26	162	292875	23.00	ng	99
47) 2-Nitroaniline	9.35	65	91010	20.14	ng	96
48) Acenaphthylene	9.67	152	459026	22.65	ng	99
49) Dimethylphthalate	9.54	163	647160	46.37	ng	99
50) 2,6-Dinitrotoluene	9.60	165	80779	26.12	ng	96
51) Acenaphthene	9.84	154	280813	22.61	ng	98
52) 3-Nitroaniline	9.76	138	73858	18.78	ng	100
53) 2,4-Dinitrophenol	9.86	184	20108	14.72	ng	94
54) Dibenzofuran	10.01	168	399527	24.58	ng	# 88
55) 4-Nitrophenol	9.93	139	190243	63.67	ng	# 84
56) 2,4-Dinitrotoluene	10.00	165	107016	26.46	ng	95
57) Fluorene	10.35	166	320899	25.62	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	68302	23.89	ng	# 53
59) Diethylphthalate	10.24	149	383406	27.37	ng	99
60) 4-Chlorophenyl-phenylether	10.35	204	147265	25.30	ng	91
61) 4-Nitroaniline	10.36	138	69089	18.26	ng	83
62) Azobenzene	10.51	77	401122	25.11	ng	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	21573	10.49	ng	94
65) n-Nitrosodiphenylamine	10.47	169	286153	21.99	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	82556	21.31	ng	# 75
67) Hexachlorobenzene	10.90	284	99489	23.20	ng	# 84
68) Atrazine	10.99	200	80712	19.91	ng	92
69) Pentachlorophenol	11.10	266	94603	37.28	ng	98
70) Phenanthrene	11.31	178	487469	23.20	ng	98
71) Anthracene	11.36	178	461745	22.10	ng	99
72) Carbazole	11.52	167	426531	21.69	ng	97
73) Di-n-butylphthalate	11.85	149	510697	22.32	ng	99
74) Fluoranthene	12.49	202	489639	22.98	ng	98
76) Benzidine	12.62	184	76160	5.86	ng	98
77) Pyrene	12.72	202	485581	22.26	ng	98
79) Butylbenzylphthalate	13.35	149	215505	22.15	ng	98
80) Benzo(a)anthracene	13.90	228	368851	22.27	ng	100
81) 3,3'-Dichlorobenzidine	13.86	252	84471	13.56	ng	# 94
82) Chrysene	13.93	228	329757	20.12	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	304487	27.41	ng	# 99
84) Di-n-octyl phthalate	14.51	149	417127	22.10	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.63	276	274672	21.78	ng	# 100
87) Benzo(b)fluoranthene	14.90	252	546714	44.66	ng	# 95
88) Benzo(k)fluoranthene	14.90	252	546714	51.30	ng	99
89) Benzo(a)pyrene	15.23	252	244662	23.61	ng	99
90) Dibenzo(a,h)anthracene	16.64	278	228297	26.38	ng	97
91) Benzo(g,h,i)perylene	17.02	276	233987	26.13	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

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C1.2-6MS

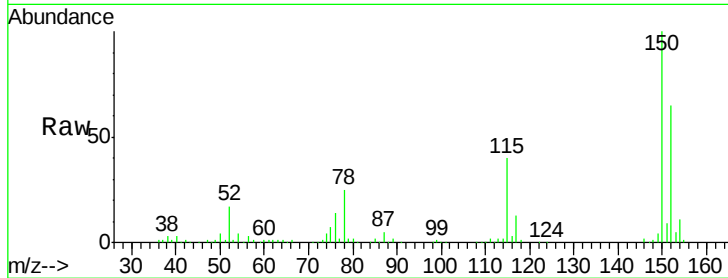
Tgt Ion:152 Resp: 104954

Ion Ratio Lower Upper

152 100

150 154.0 123.8 185.6

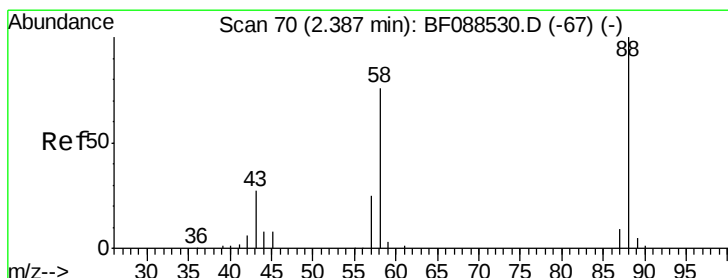
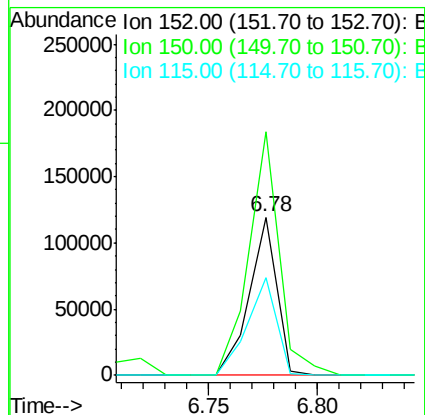
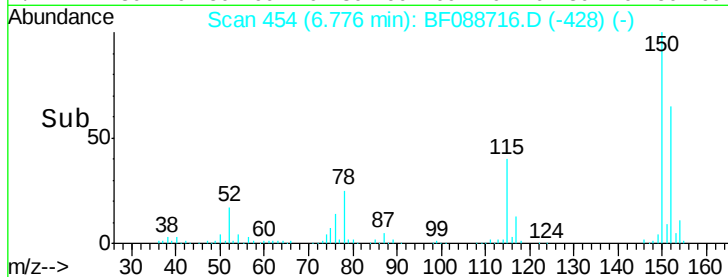
115 61.8 39.6 59.4#



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: 23.19 ng

RT: 2.39 min Scan# 70

Delta R.T. 0.06 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

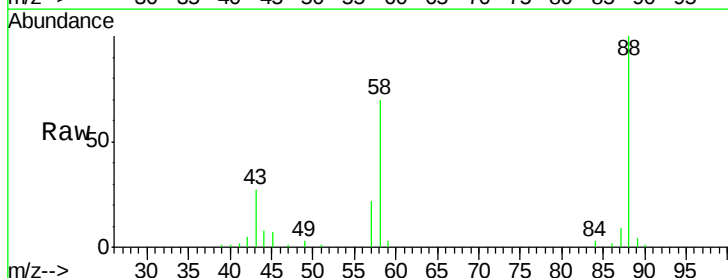
Tgt Ion: 88 Resp: 80511

Ion Ratio Lower Upper

88 100

58 71.9 0.0 0.0#

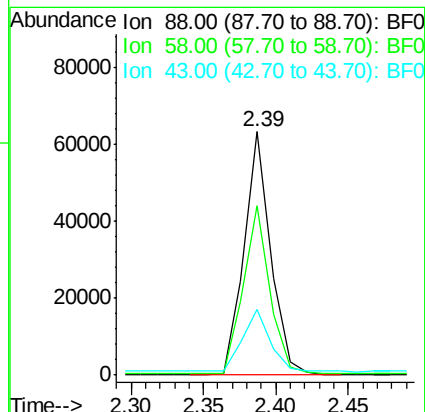
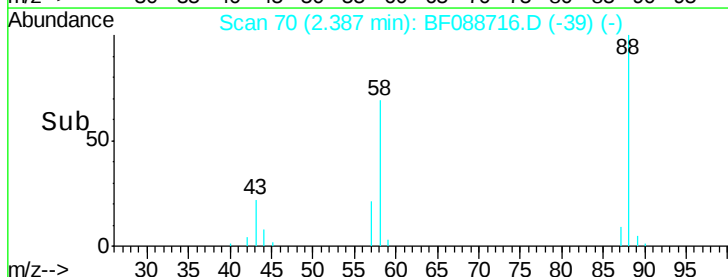
43 26.9 3.4 5.2#



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: 5.28 ng

RT: 3.07 min Scan# 130

Delta R.T. 0.07 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

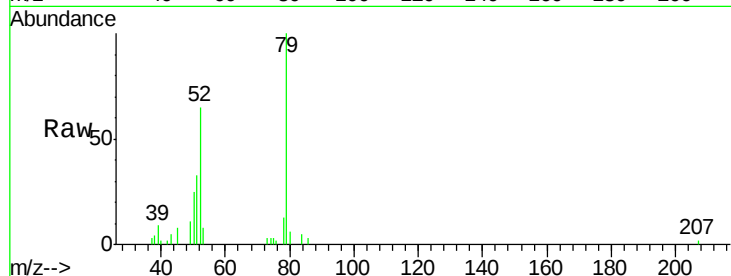
Tgt Ion: 79 Resp: 53198

Ion Ratio Lower Upper

79 100

52 64.8 56.3 84.5

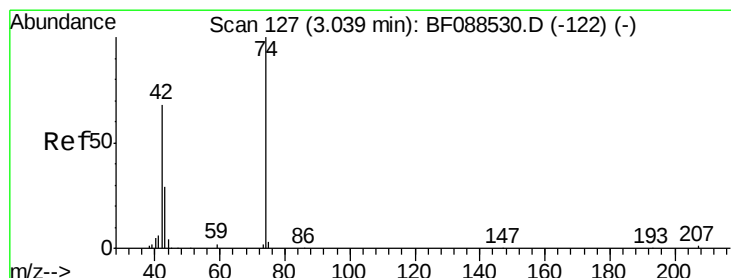
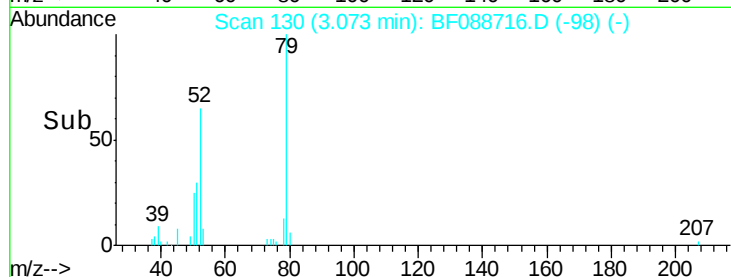
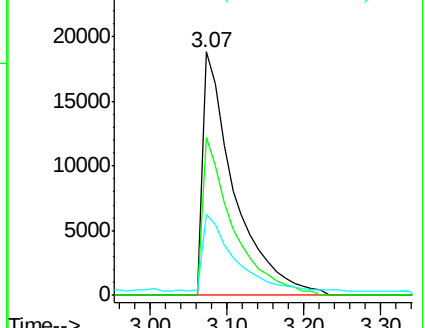
51 33.3 27.4 41.2



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: 16.74 ng

RT: 3.00 min Scan# 124

Delta R.T. 0.03 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

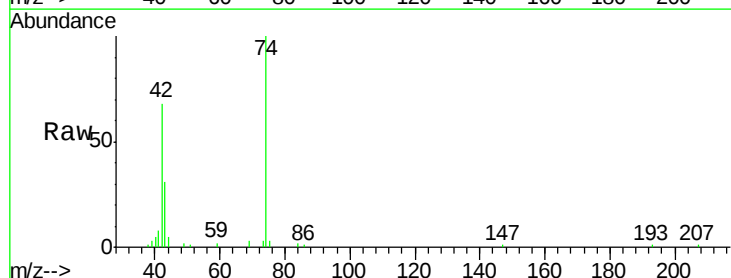
Tgt Ion: 42 Resp: 64444

Ion Ratio Lower Upper

42 100

74 147.7 108.6 163.0

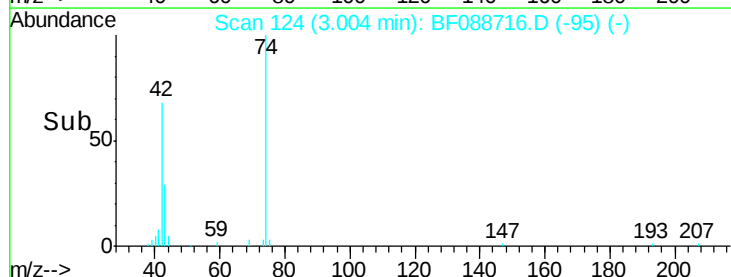
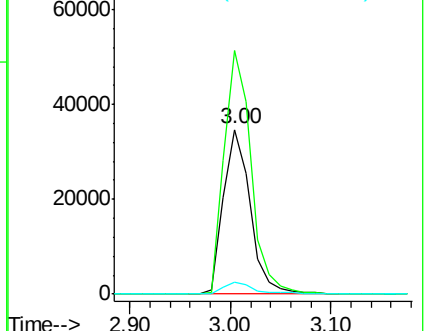
44 7.0 5.5 8.3



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: 109.31 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

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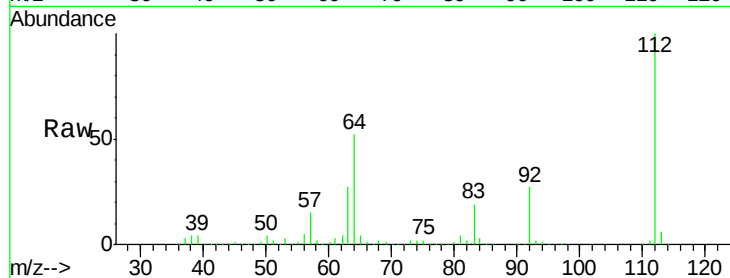
Tgt Ion: 112 Resp: 765518

Ion Ratio Lower Upper

112 100

64 51.8 42.2 63.2

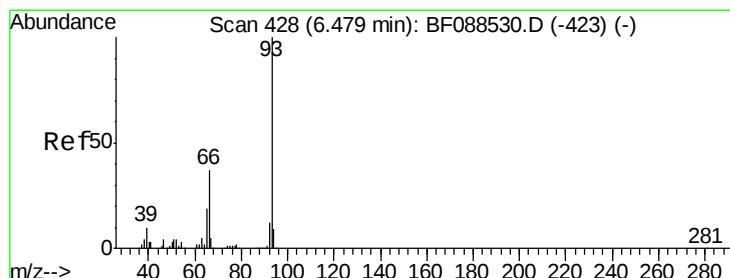
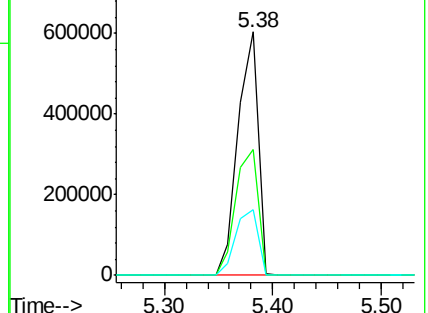
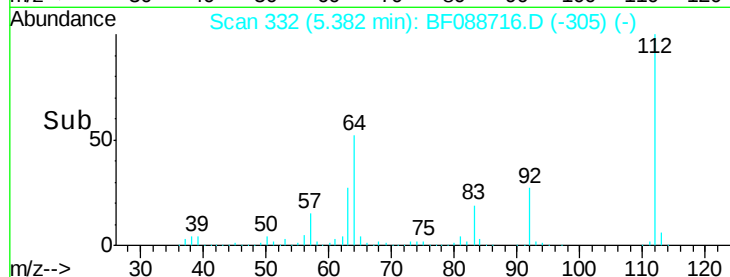
63 27.1 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.50 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

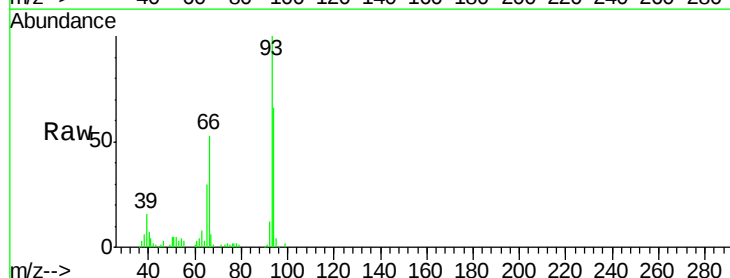
Tgt Ion: 93 Resp: 125330

Ion Ratio Lower Upper

93 100

66 52.8 29.8 44.8#

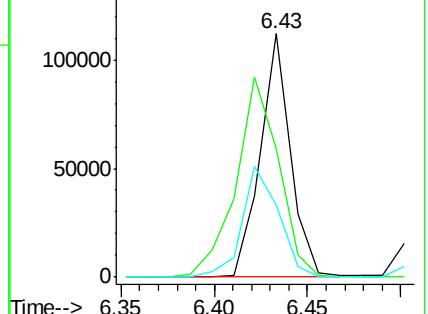
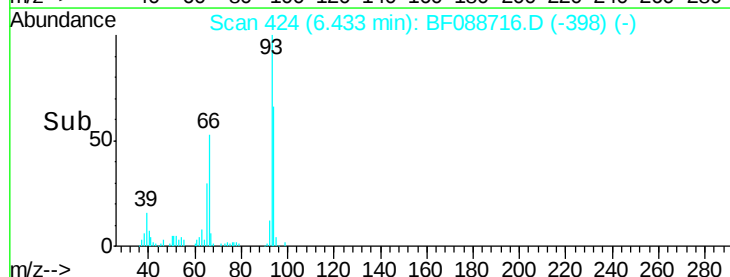
65 29.5 14.9 22.3#



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: 108.05 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088716.D

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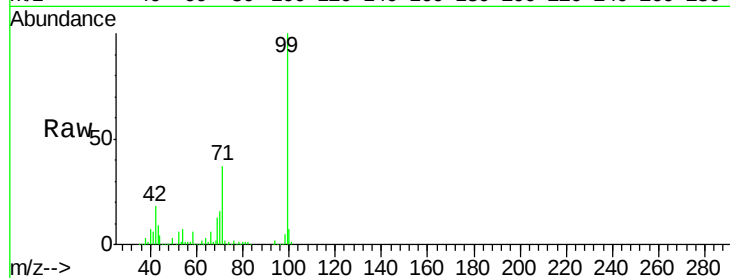
Tgt Ion: 99 Resp: 977725

Ion Ratio Lower Upper

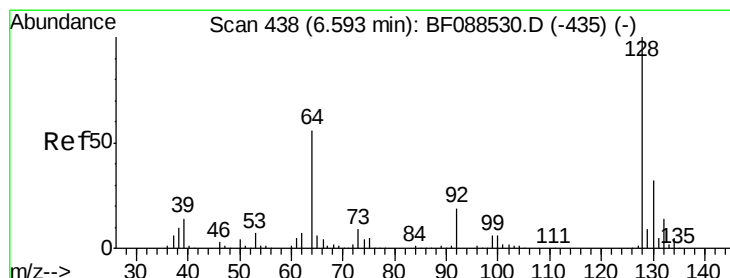
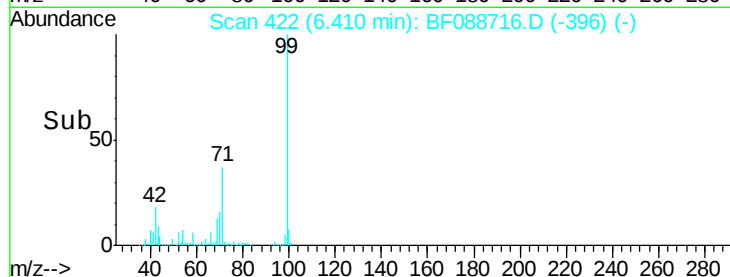
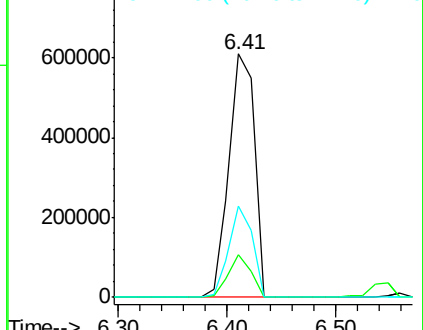
99 100

42 17.7 12.2 18.2

71 37.4 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 22.43 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

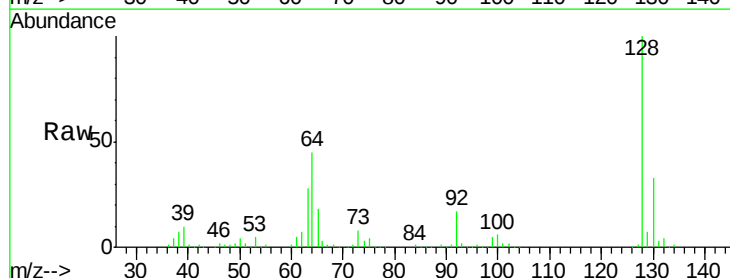
Tgt Ion: 128 Resp: 168799

Ion Ratio Lower Upper

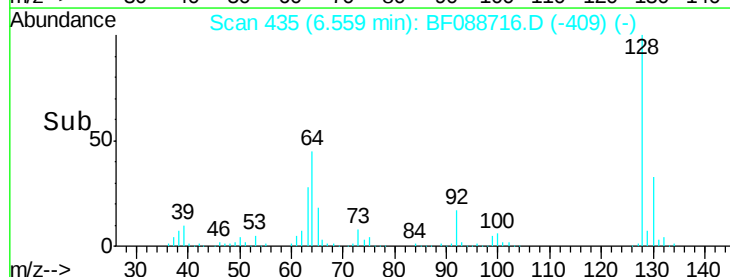
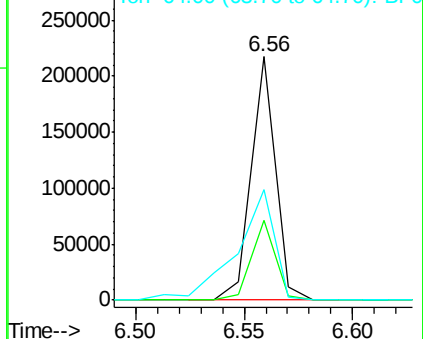
128 100

130 32.7 12.0 52.0

64 45.3 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.43 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088716.D

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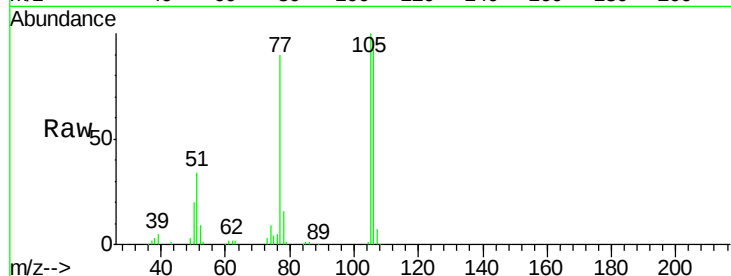
Tgt Ion: 77 Resp: 112954

Ion Ratio Lower Upper

77 100

105 111.3 90.6 130.6

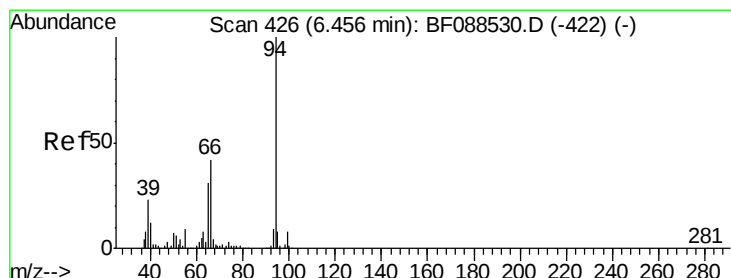
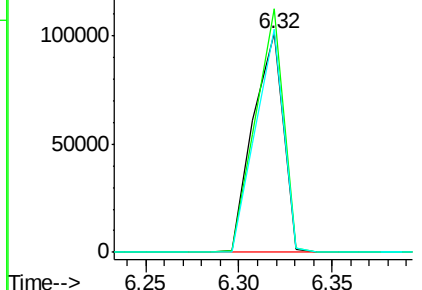
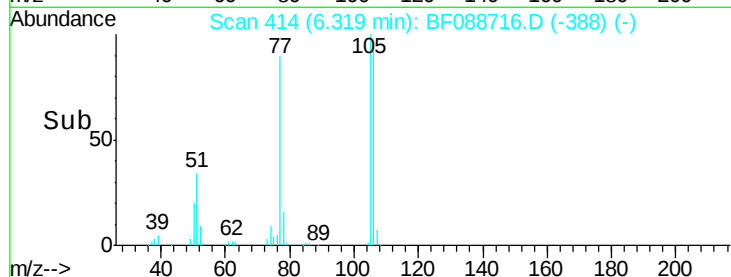
106 102.0 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 13.86 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

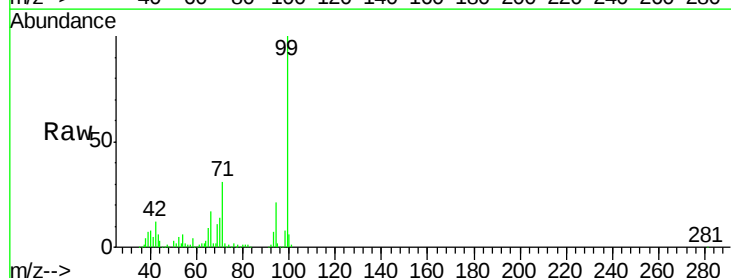
Tgt Ion: 94 Resp: 143094

Ion Ratio Lower Upper

94 100

65 43.6 5.9 45.9

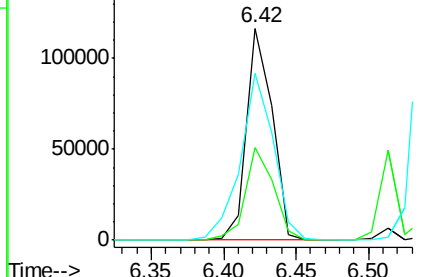
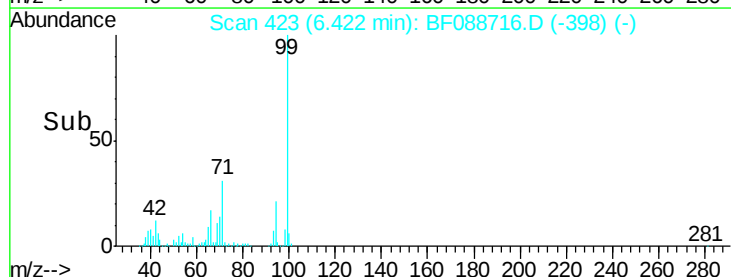
66 78.9 14.0 54.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

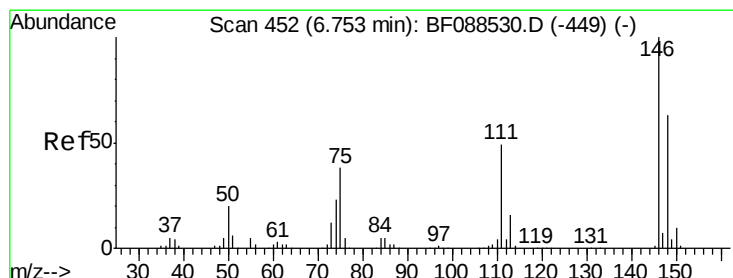
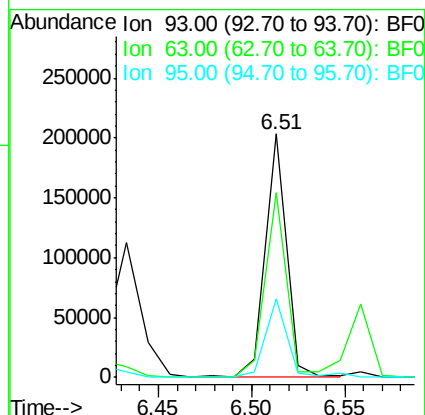
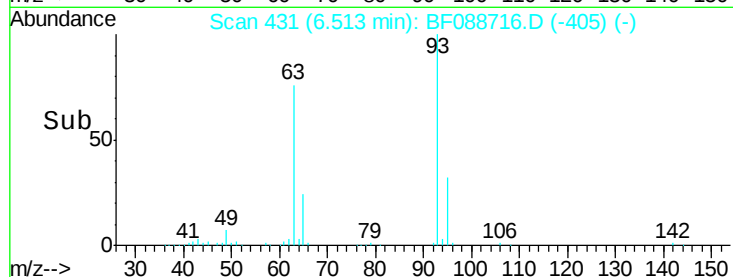
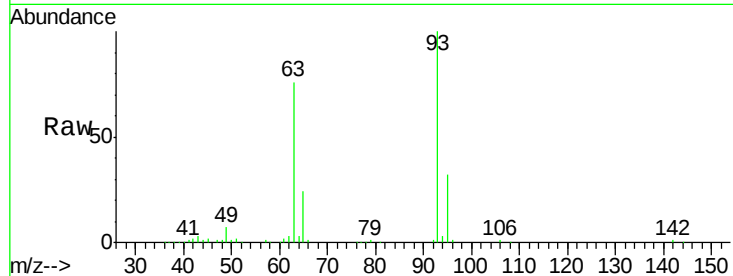




#11
bis(2-Chloroethyl)ether
Concen: 20.18 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

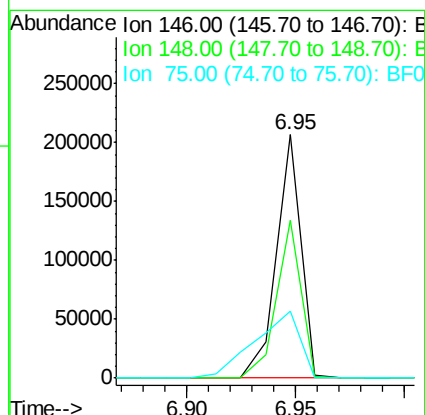
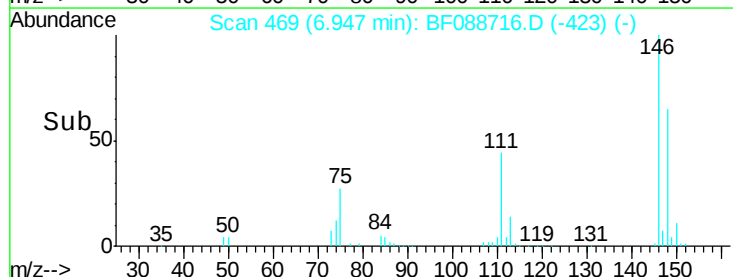
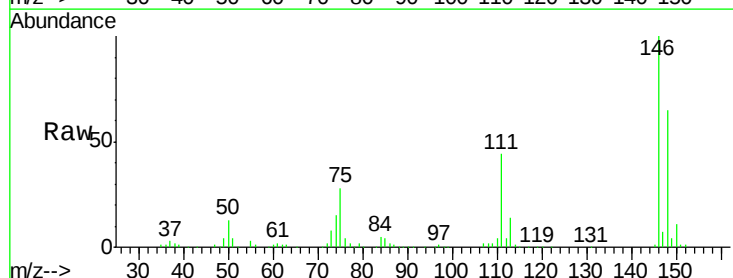
Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

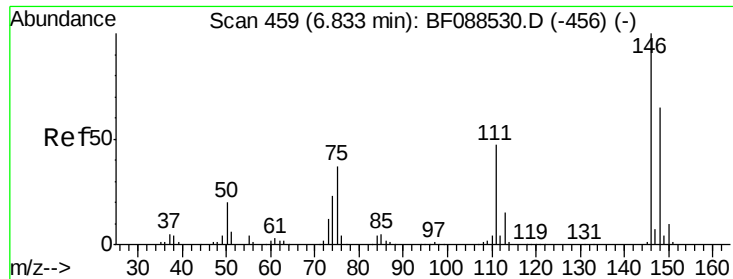
Tgt Ion: 93 Resp: 155388
Ion Ratio Lower Upper
93 100
63 75.8 67.6 107.6
95 32.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 19.93 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.23 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion: 146 Resp: 165036
Ion Ratio Lower Upper
146 100
148 64.8 50.9 76.3
75 27.6 25.6 38.4

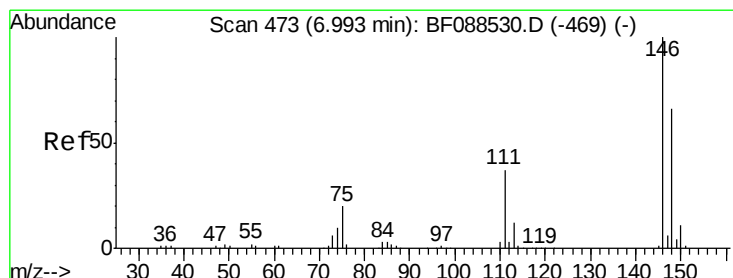
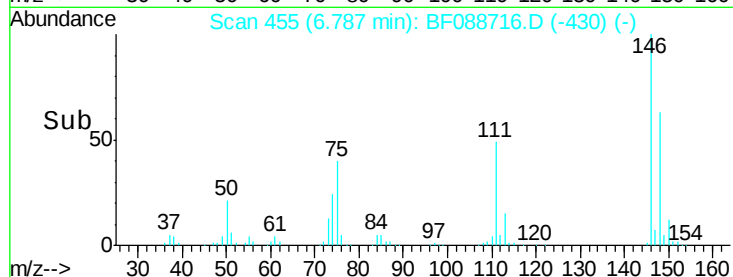
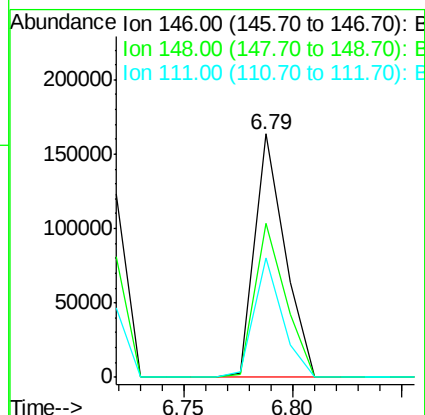
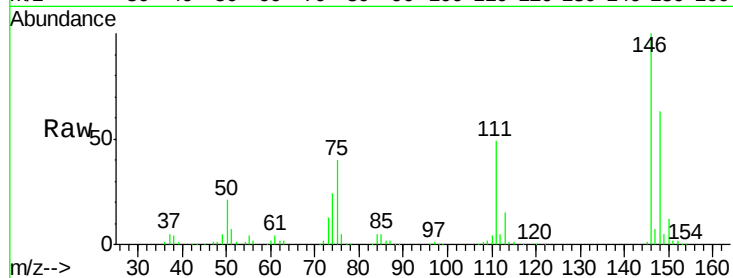




#13
 1,4-Dichlorobenzene
 Concen: 19.25 ng
 RT: 6.79 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

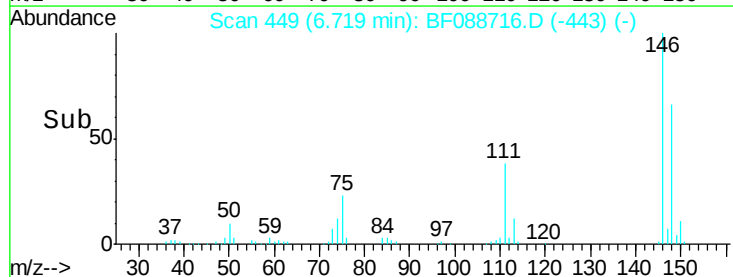
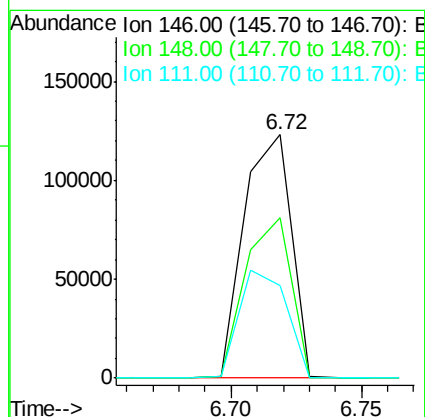
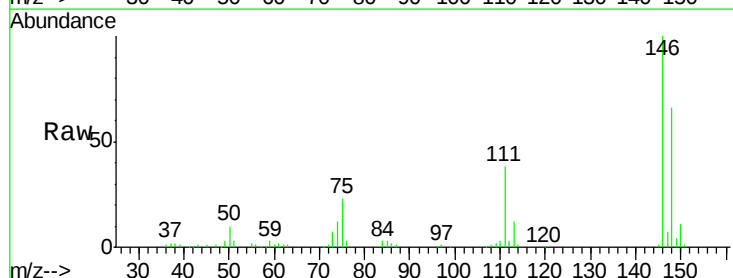
Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Tgt Ion:146 Resp: 158270
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.0 78.0
 111 49.2 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 20.44 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.23 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Tgt Ion:146 Resp: 157253
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.3 78.5
 111 38.2 28.7 43.1





#15

Benzyl Alcohol

Concen: 21.35 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

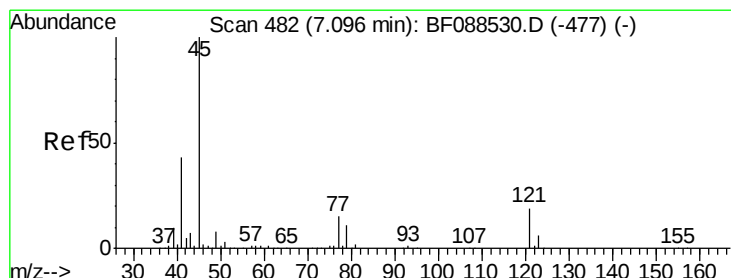
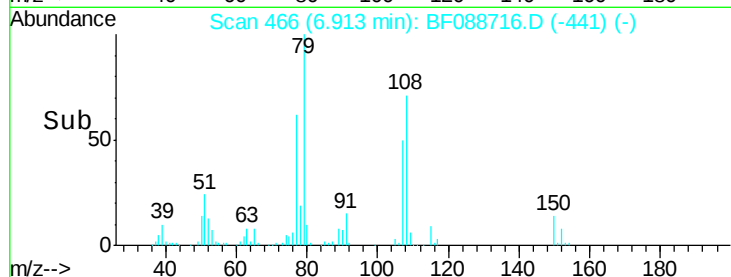
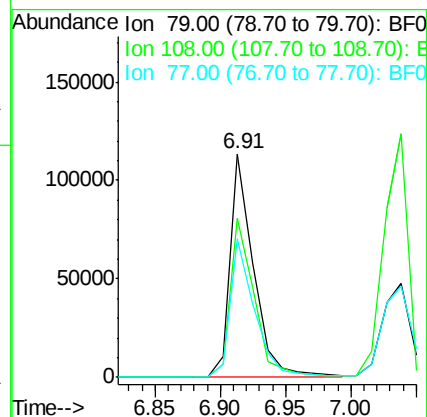
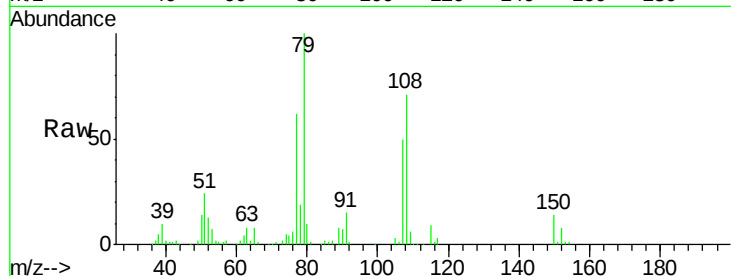
Tgt Ion: 79 Resp: 142187

Ion Ratio Lower Upper

79 100

108 71.0 65.0 97.6

77 61.8 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.88 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

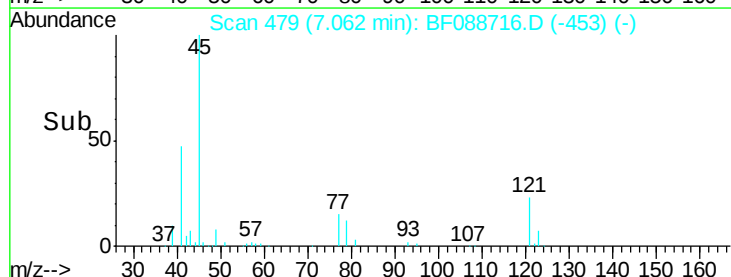
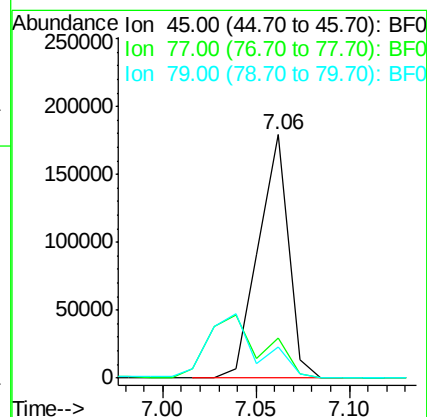
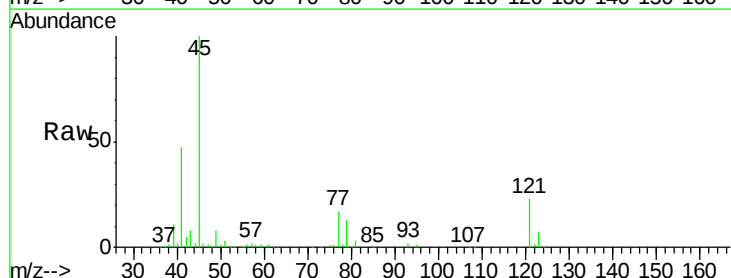
Tgt Ion: 45 Resp: 199433

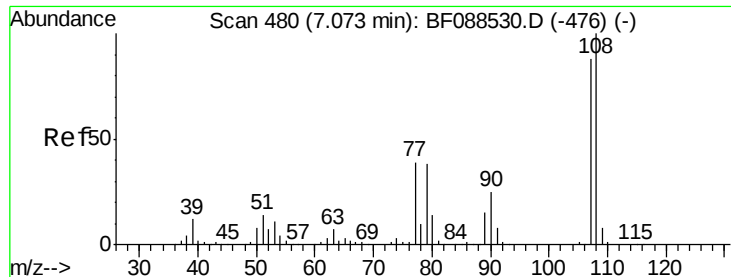
Ion Ratio Lower Upper

45 100

77 16.5 0.0 32.5

79 12.9 0.0 29.5





#17

2-Methylphenol

Concen: 22.65 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

Tgt Ion:107 Resp: 139051

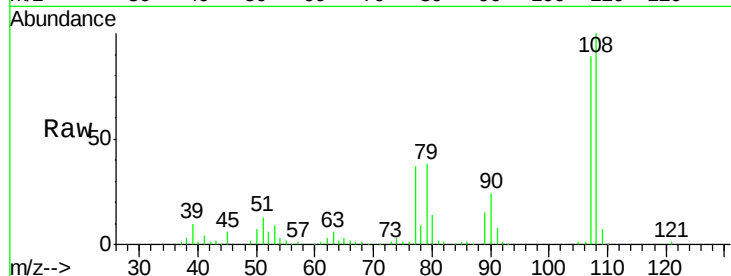
Ion Ratio Lower Upper

107 100

108 112.8 90.9 136.3

77 42.3 36.6 55.0

79 43.4 36.5 54.7

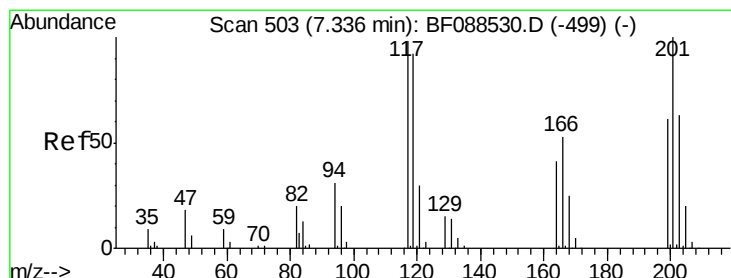
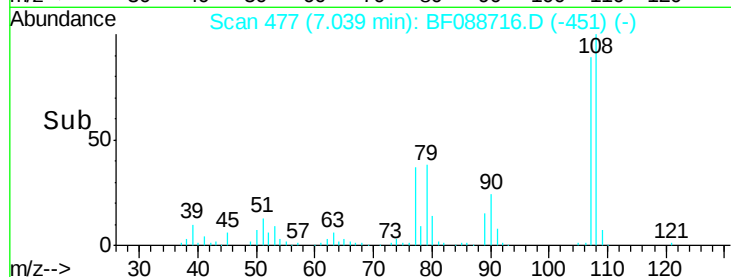
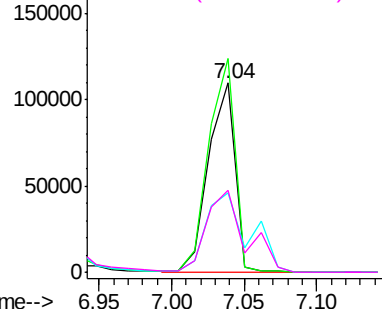


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 20.59 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

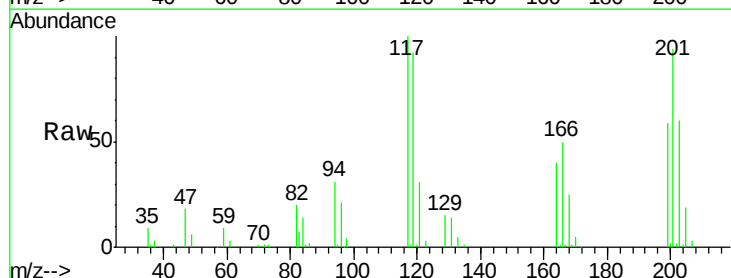
Tgt Ion:117 Resp: 65459

Ion Ratio Lower Upper

117 100

119 92.4 77.4 116.2

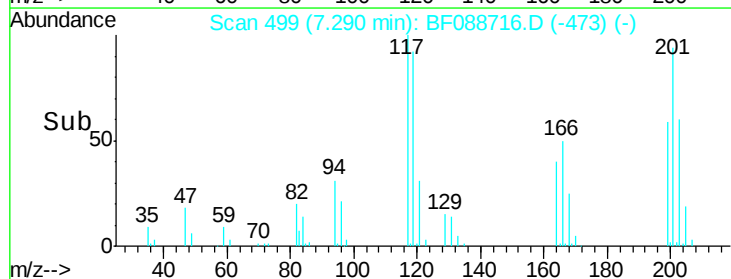
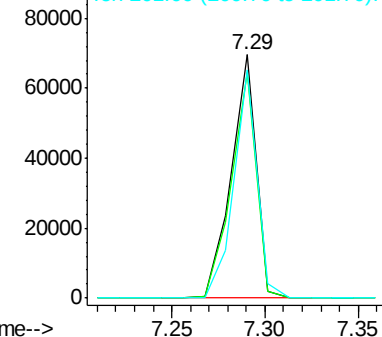
201 93.8 80.4 120.6

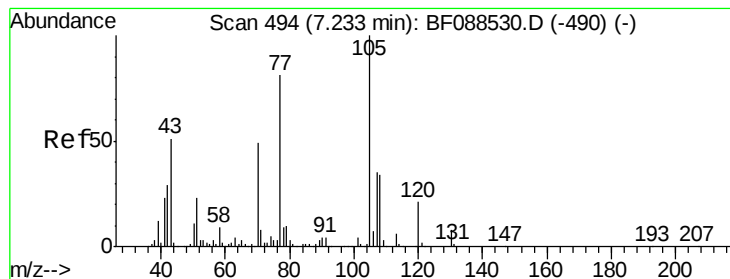


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 19.68 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

Tgt Ion: 70 Resp: 119628

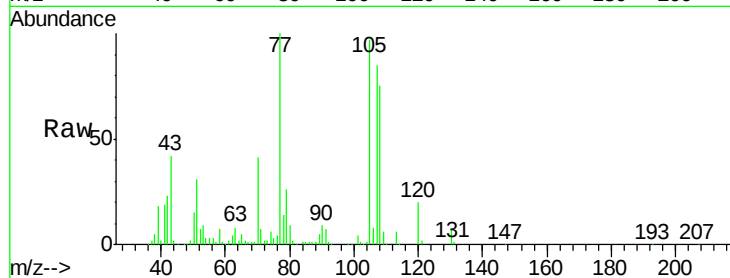
Ion Ratio Lower Upper

70 100

42 55.7 49.6 74.4

101 9.3 7.1 10.7

130 18.1 15.4 23.2

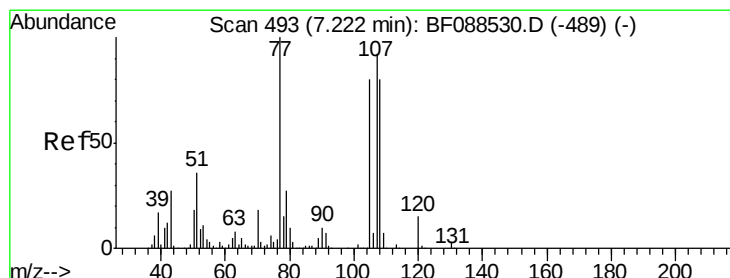
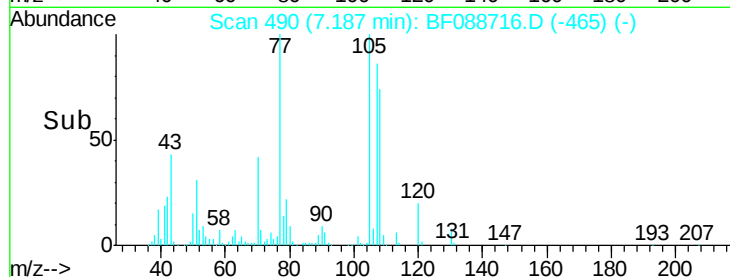
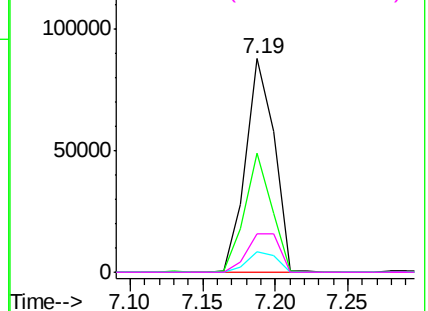


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 22.56 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Tgt Ion: 107 Resp: 166226

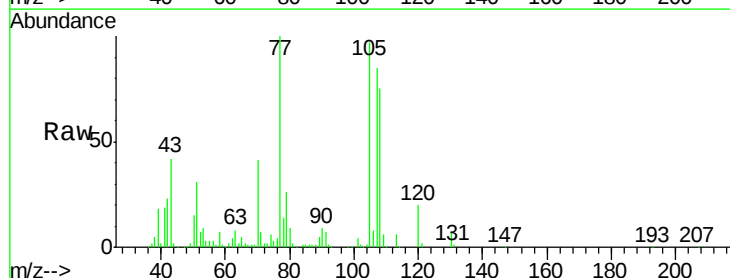
Ion Ratio Lower Upper

107 100

108 88.1 67.8 107.8

77 117.0 59.3 99.3#

79 31.0 7.0 47.0

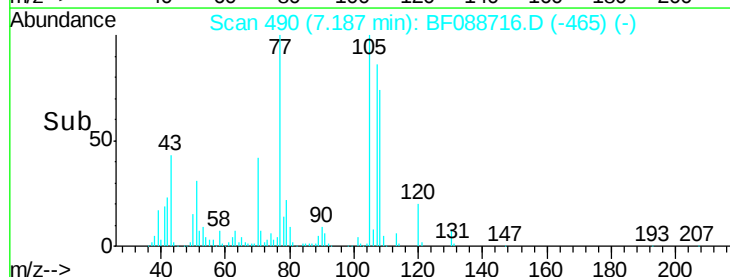
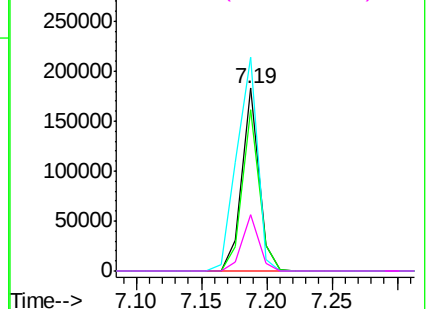


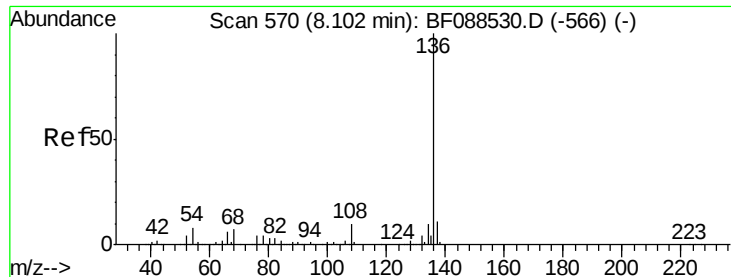
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

Tgt Ion:136 Resp: 410314

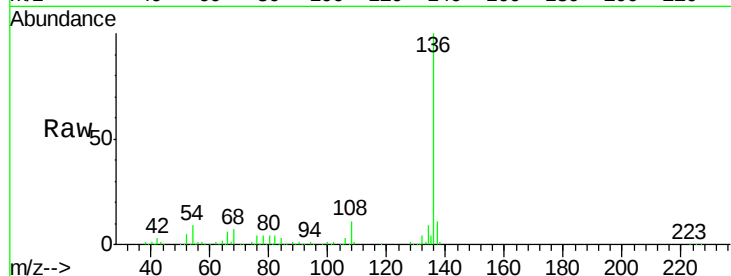
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.8 6.6 10.0

68 7.2 5.1 7.7

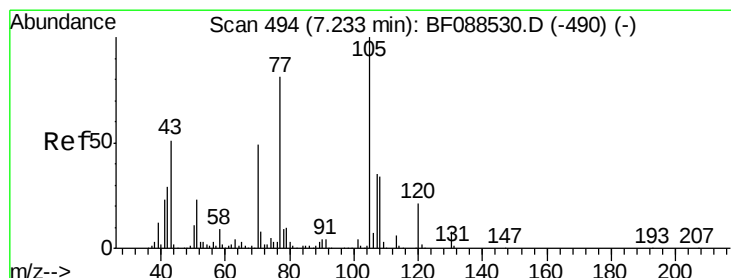
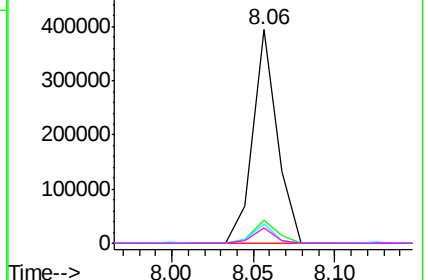
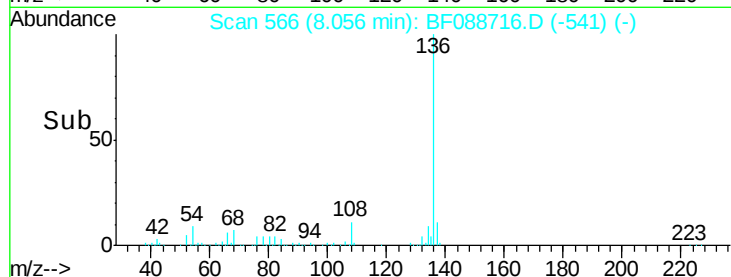


Abundance Ion 136.00 (135.70 to 136.70): E

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: 23.36 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Tgt Ion:105 Resp: 232616

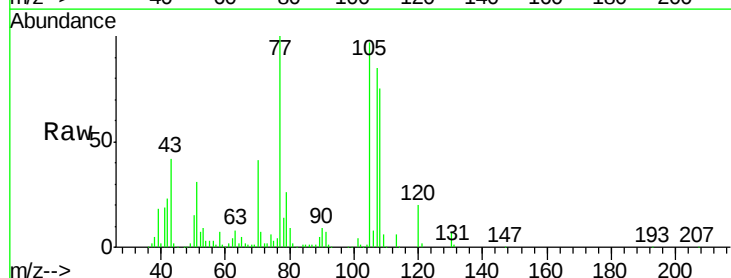
Ion Ratio Lower Upper

105 100

71 7.0 5.3 7.9

51 32.0 18.2 27.4#

120 20.0 18.0 27.0

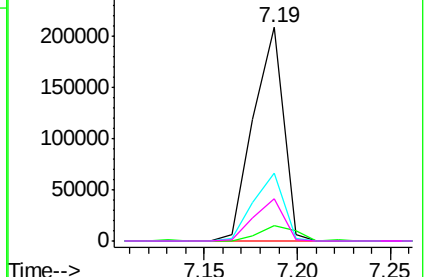
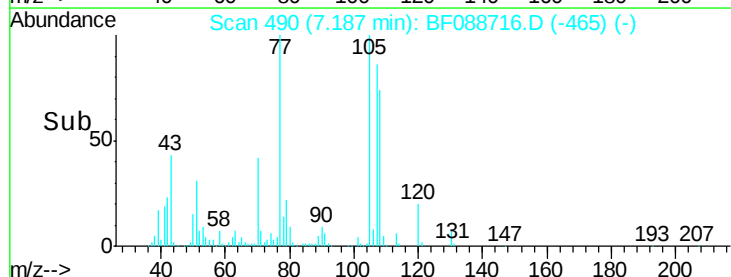


Abundance Ion 105.00 (104.70 to 105.70): E

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

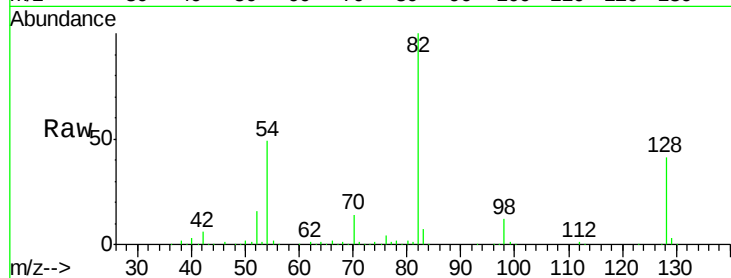




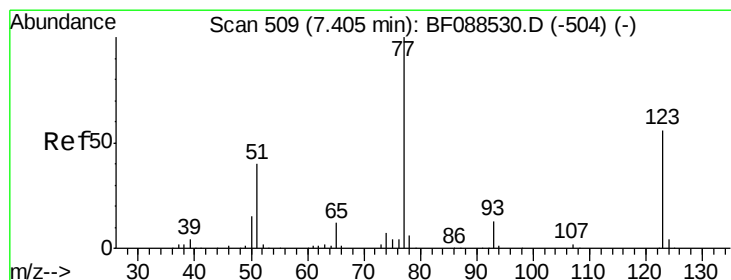
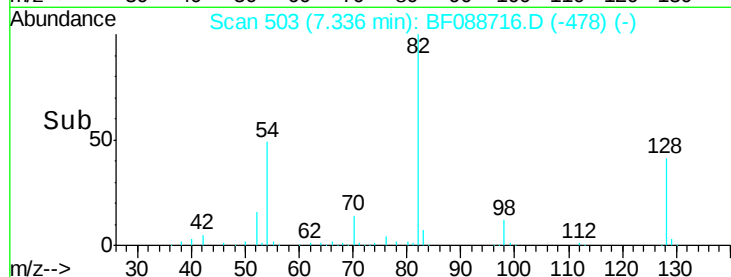
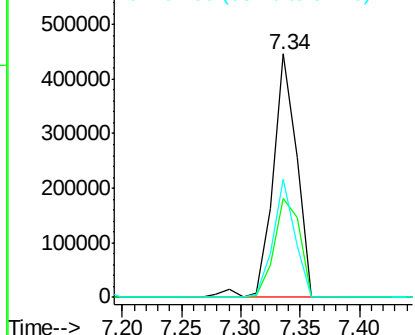
#23
Nitrobenzene-d5
Concen: 78.37 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tgt Ion: 82 Resp: 613624
Ion Ratio Lower Upper
82 100
128 40.9 35.9 53.9
54 48.6 40.9 61.3

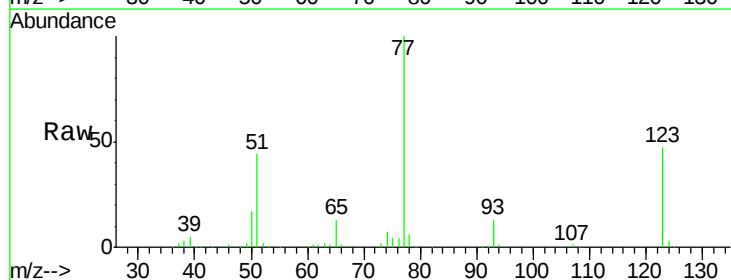


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

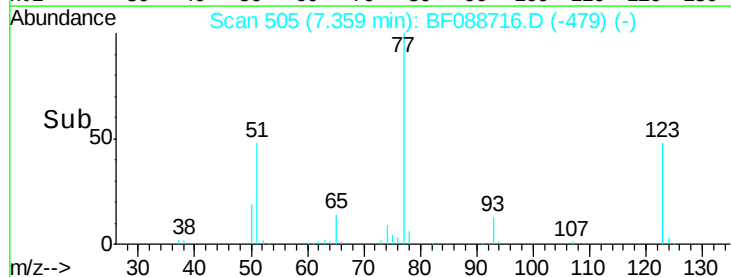
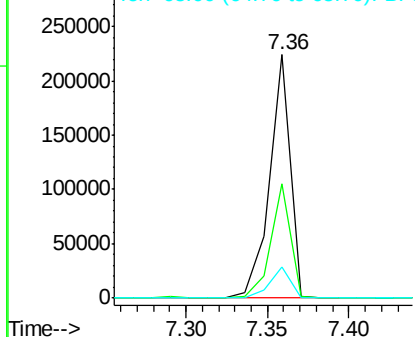


#24
Nitrobenzene
Concen: 24.96 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion: 77 Resp: 197036
Ion Ratio Lower Upper
77 100
123 46.9 45.0 67.4
65 12.6 10.2 15.2



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





#25

Isophorone

Concen: 23.39 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

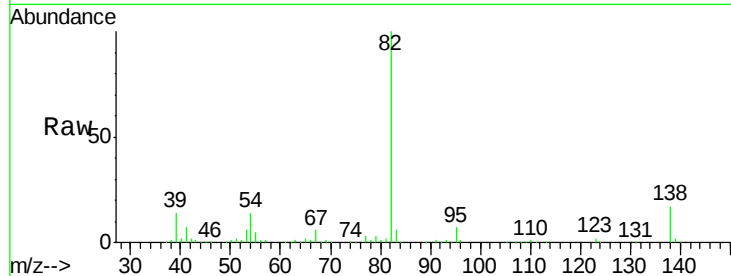
Tgt Ion: 82 Resp: 339307

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

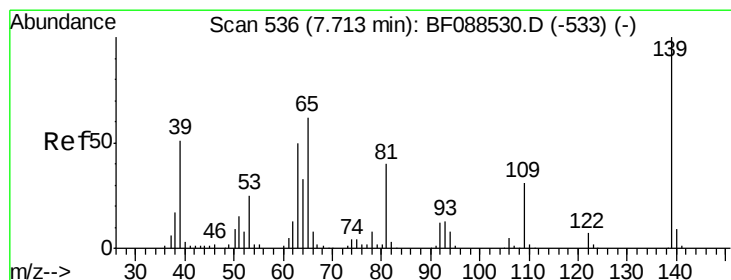
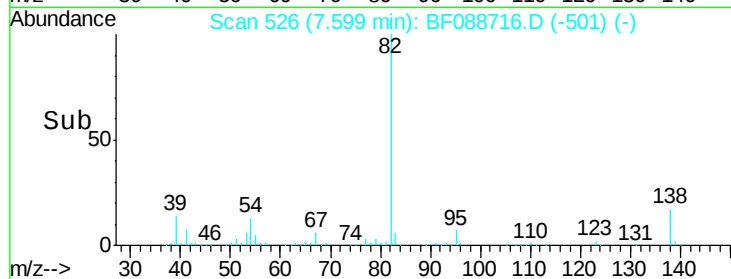
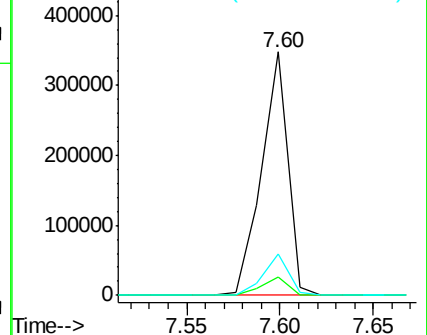
138 16.9 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 26.26 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

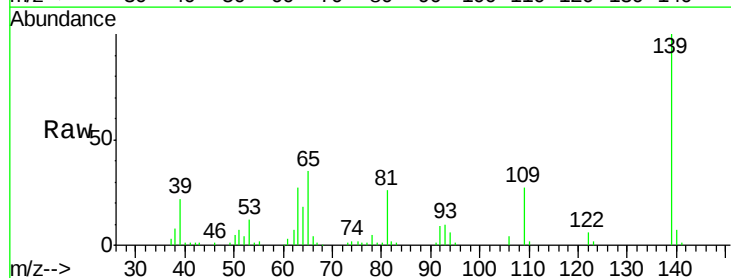
Tgt Ion: 139 Resp: 85013

Ion Ratio Lower Upper

139 100

109 26.7 23.0 34.4

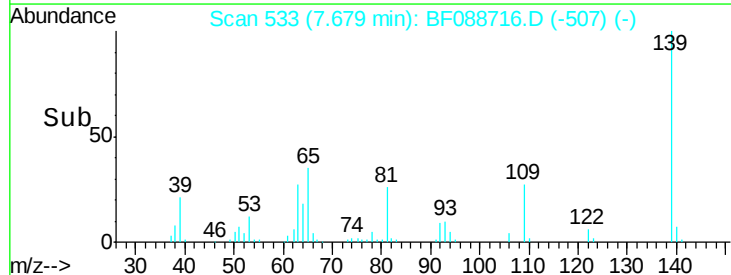
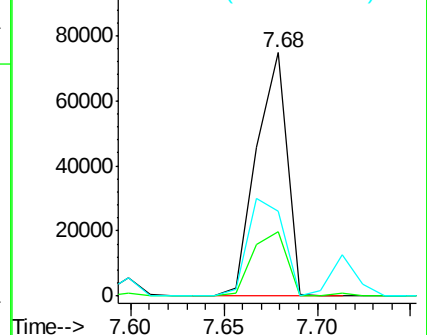
65 34.7 45.8 68.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

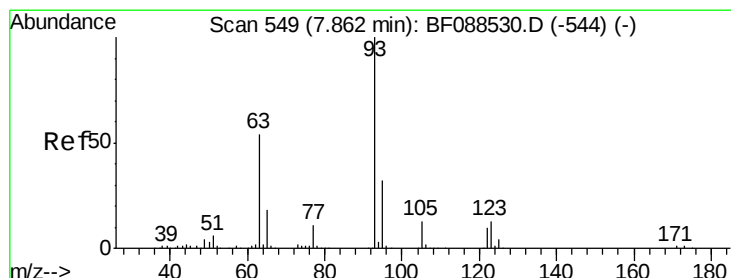
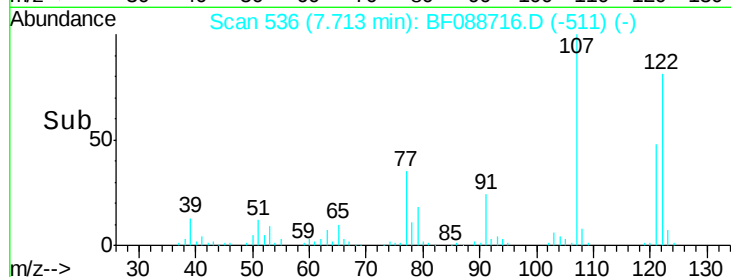
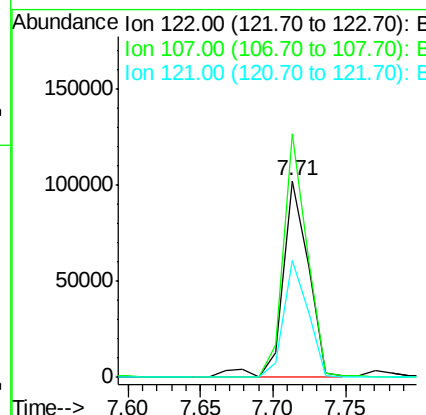
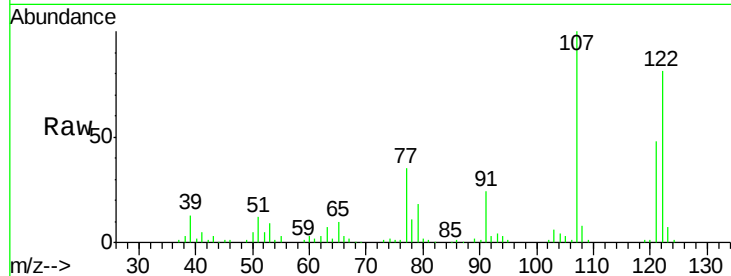




#27
2,4-Dimethylphenol
Concen: 18.63 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

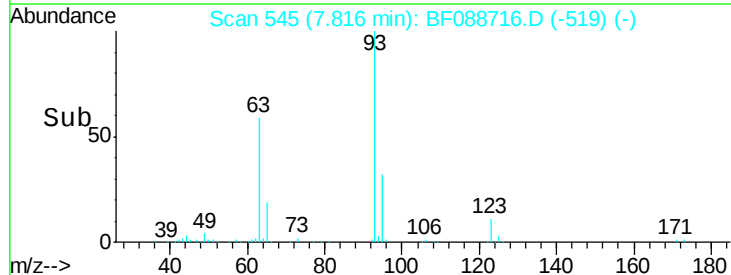
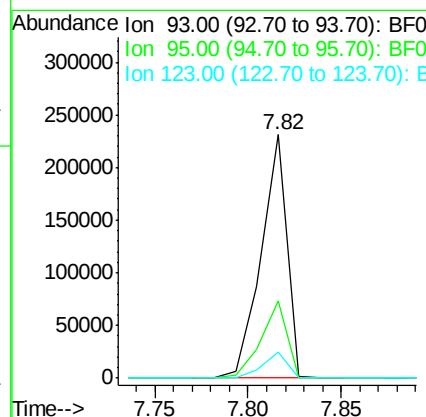
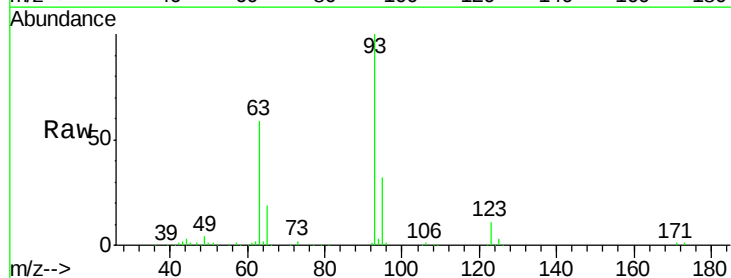
Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

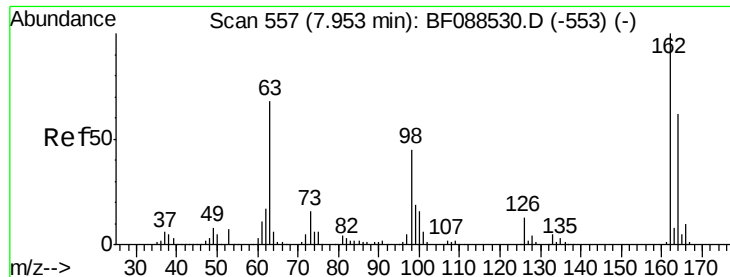
Tgt Ion:122 Resp: 125608
Ion Ratio Lower Upper
122 100
107 123.8 82.4 123.6#
121 59.7 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 23.75 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion: 93 Resp: 224196
Ion Ratio Lower Upper
93 100
95 31.9 26.5 39.7
123 10.6 11.6 17.4#

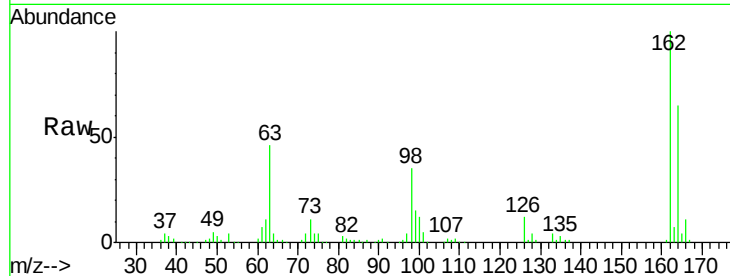




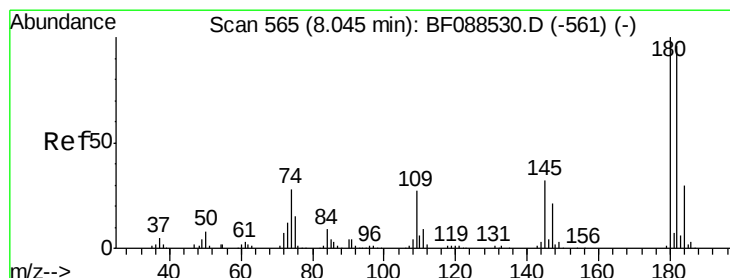
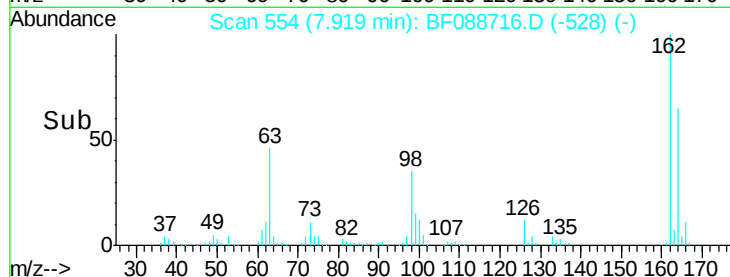
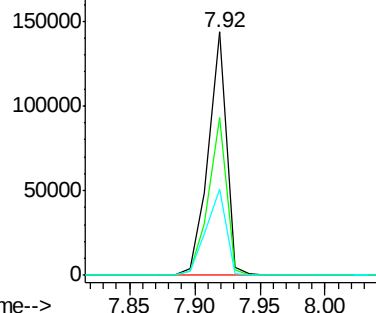
#29
 2,4-Dichlorophenol
 Concen: 25.50 ng
 RT: 7.92 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.8	83.8
98	35.3	21.3	61.3

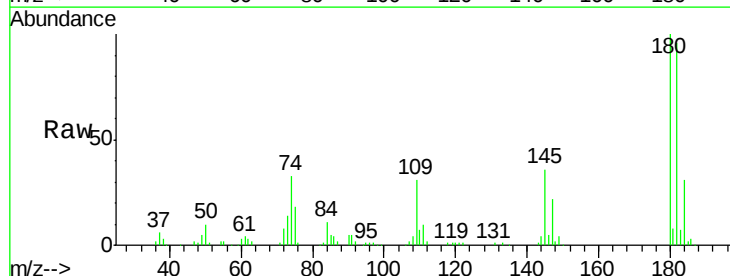


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

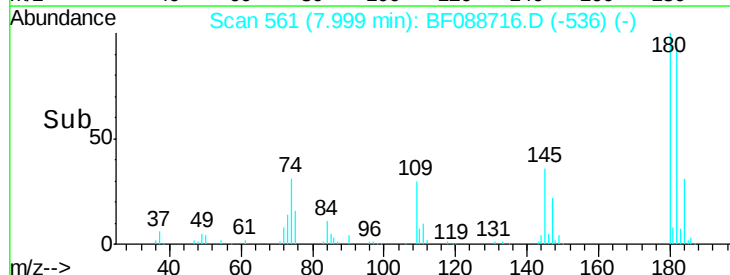
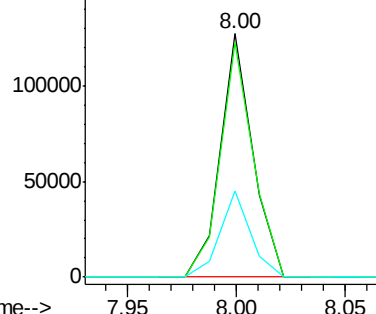


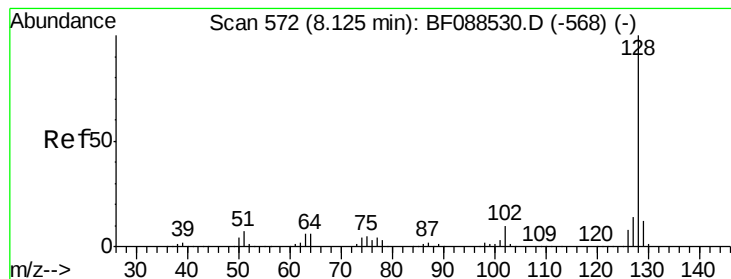
#30
 1,2,4-Trichlorobenzene
 Concen: 22.07 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.0	114.0
145	35.5	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 22.75 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

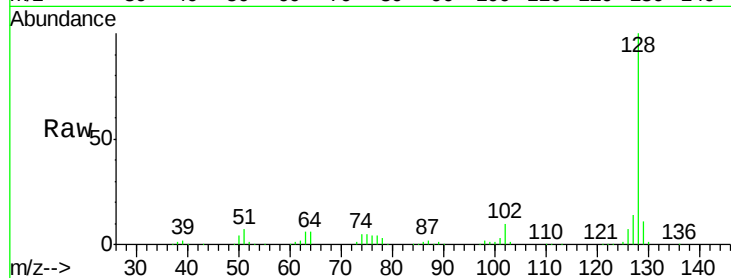
Tgt Ion:128 Resp: 460094

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

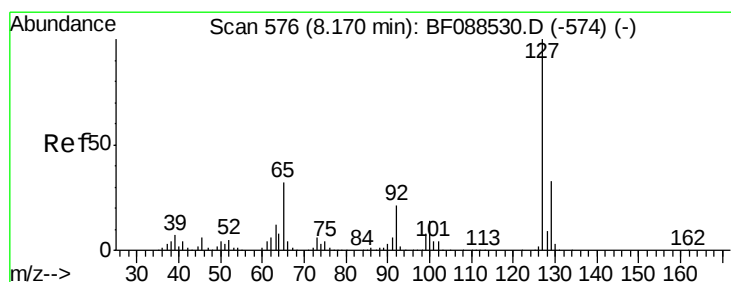
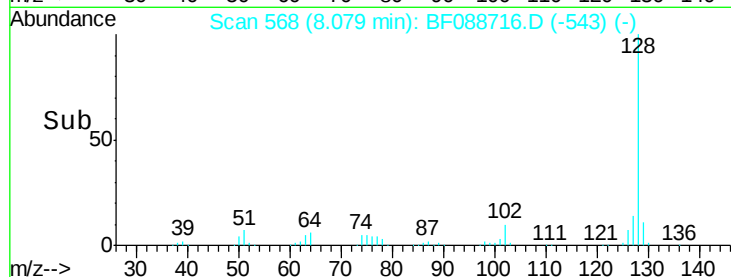
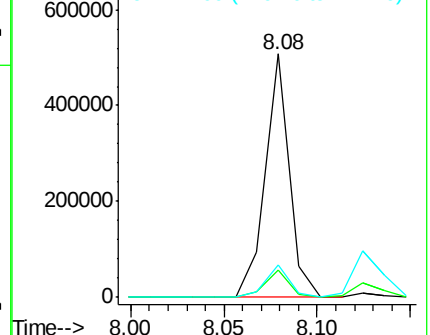
127 13.5 10.9 16.3



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



#33

4-Chloroaniline

Concen: 12.18 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Tgt Ion:127 Resp: 109615

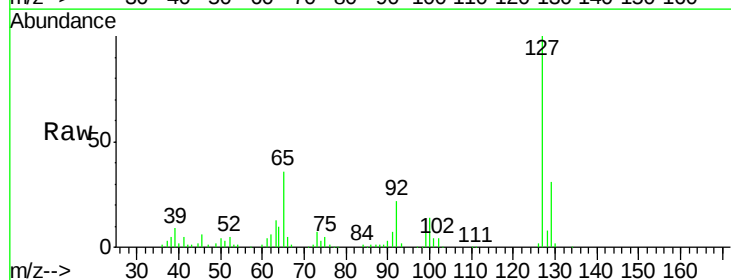
Ion Ratio Lower Upper

127 100

129 31.4 26.3 39.5

65 36.4 24.7 37.1

92 22.3 15.4 23.0

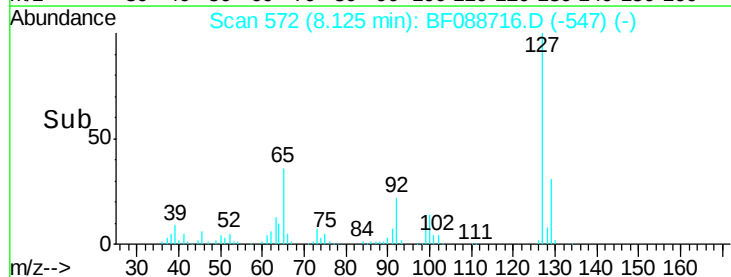
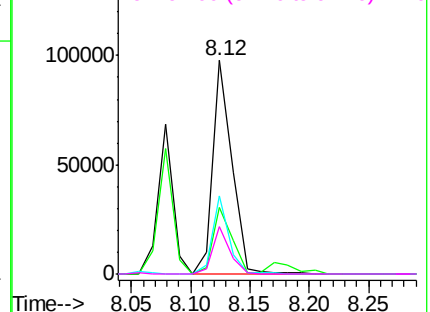


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

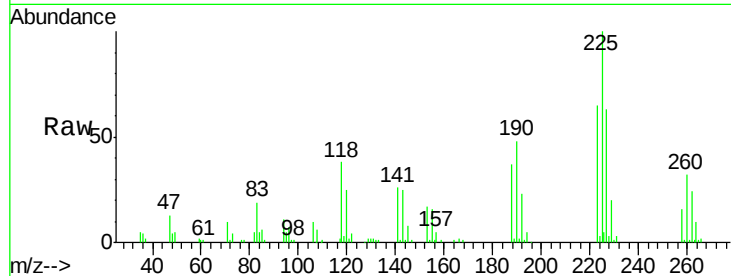




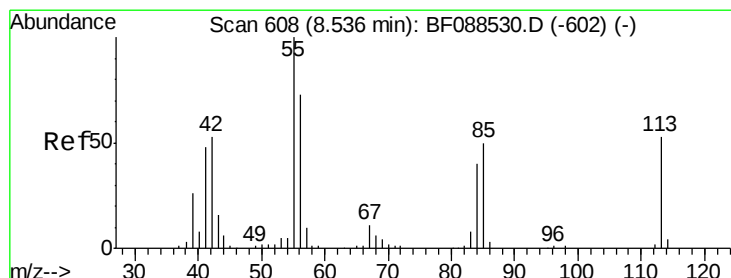
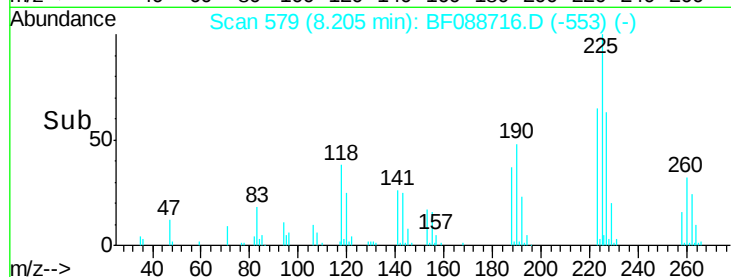
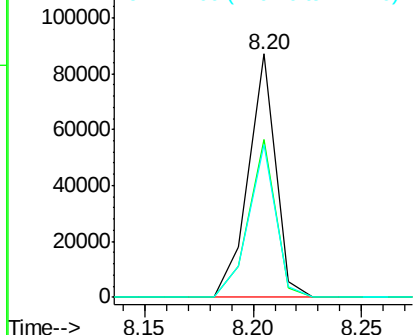
#34
Hexachlorobutadiene
Concen: 23.70 ng
RT: 8.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tgt Ion: 225 Resp: 75882
Ion Ratio Lower Upper
225 100
223 64.8 50.9 76.3
227 62.7 51.9 77.9

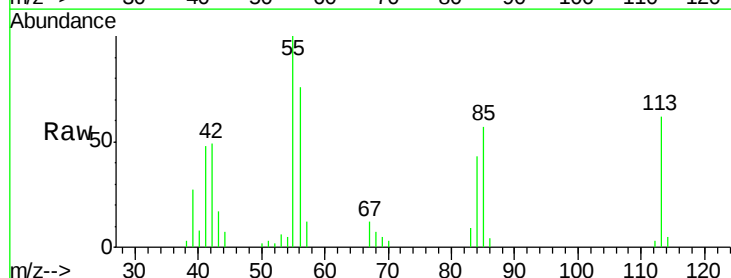


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

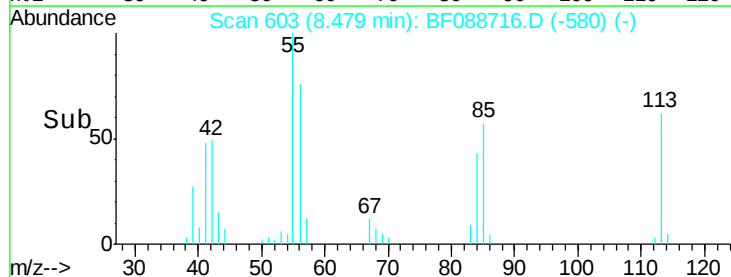
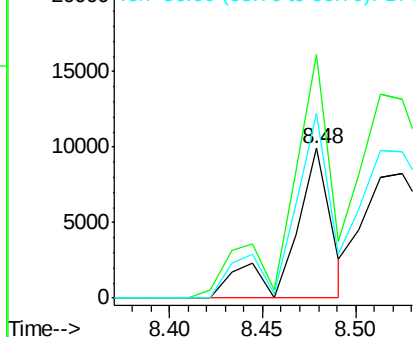


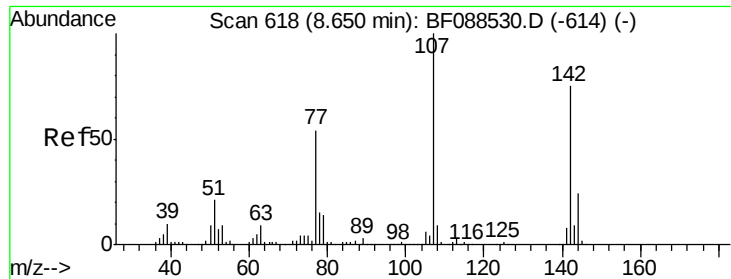
#35
Caprolactam
Concen: 7.74 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.03 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion: 113 Resp: 14318
Ion Ratio Lower Upper
113 100
55 162.3 158.6 198.6
56 123.2 110.6 150.6



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

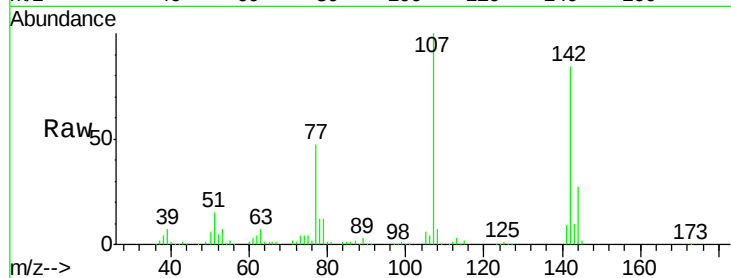




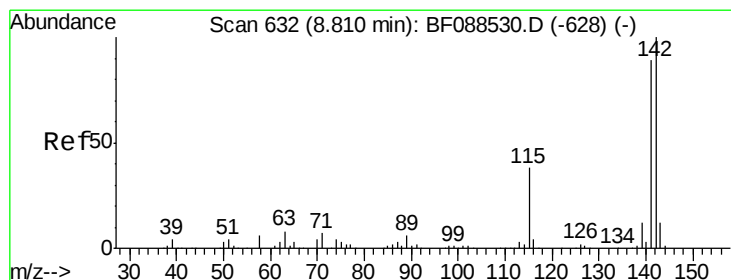
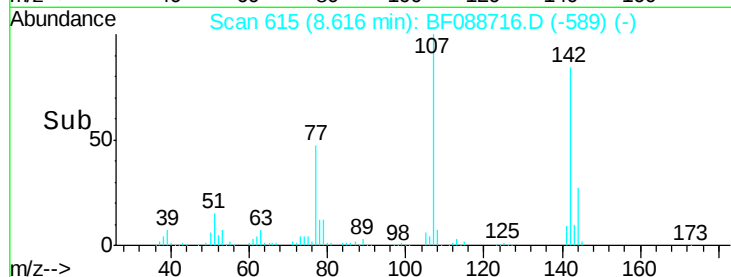
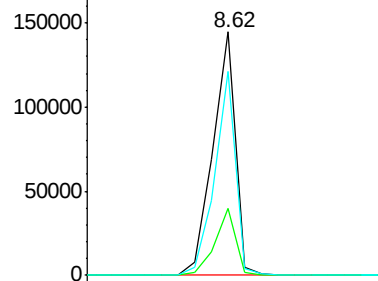
#36
4-Chloro-3-methylphenol
Concen: 24.15 ng
RT: 8.62 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tgt Ion:107 Resp: 155587
Ion Ratio Lower Upper
107 100
144 27.4 20.8 31.2
142 83.7 63.4 95.2

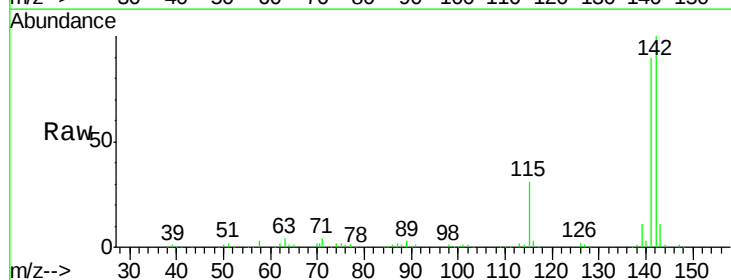


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

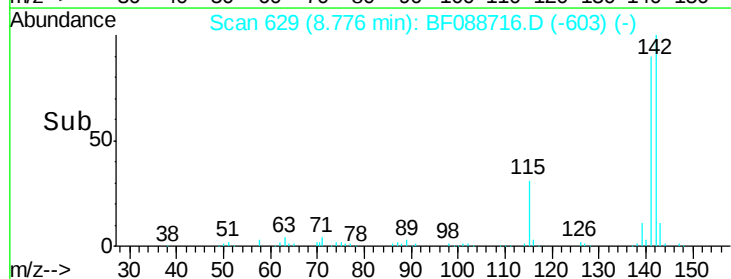
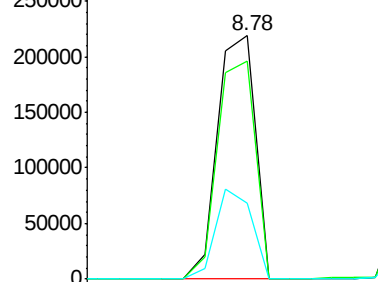


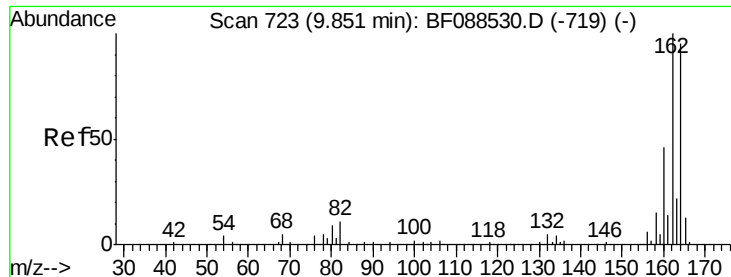
#37
2-Methylnaphthalene
Concen: 23.56 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion:142 Resp: 306930
Ion Ratio Lower Upper
142 100
141 89.6 71.0 106.6
115 31.3 22.6 33.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

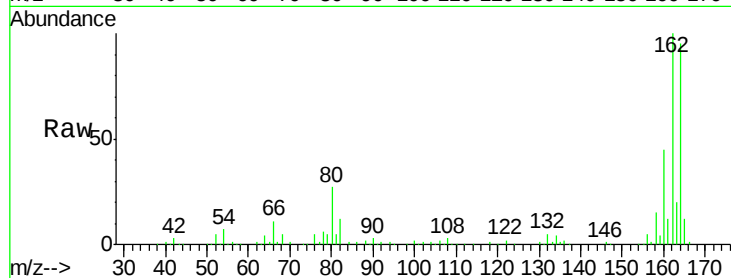
Tgt Ion:164 Resp: 195893

Ion Ratio Lower Upper

164 100

162 105.0 85.4 128.2

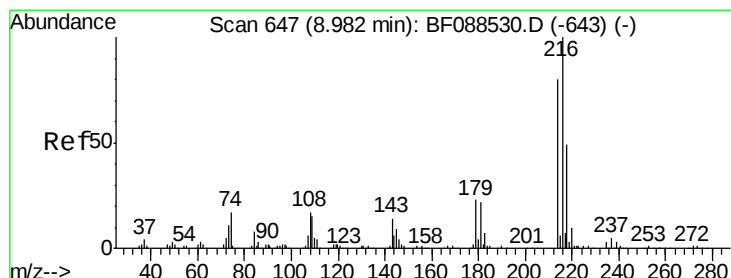
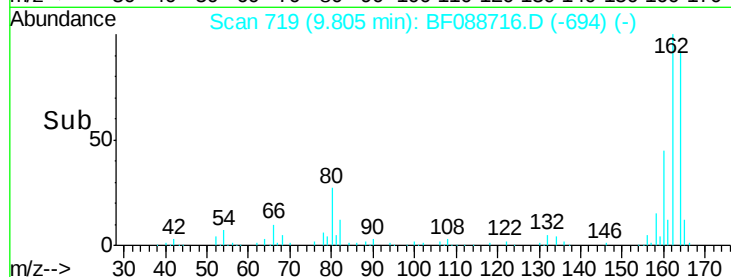
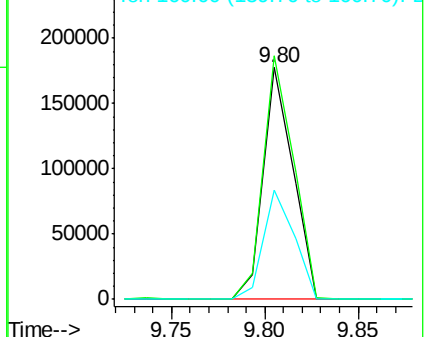
160 46.9 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.25 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Tgt Ion:216 Resp: 125440

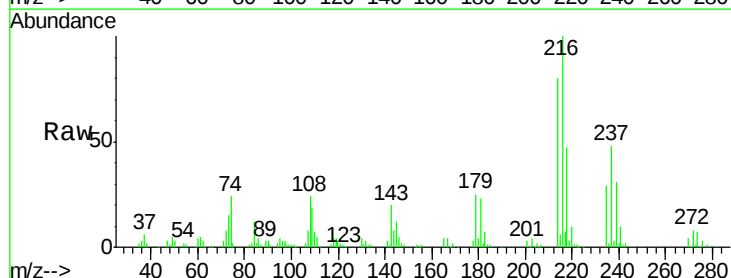
Ion Ratio Lower Upper

216 100

214 79.5 2.9 4.3#

179 24.1 0.0 0.0#

108 27.2 0.5 0.7#

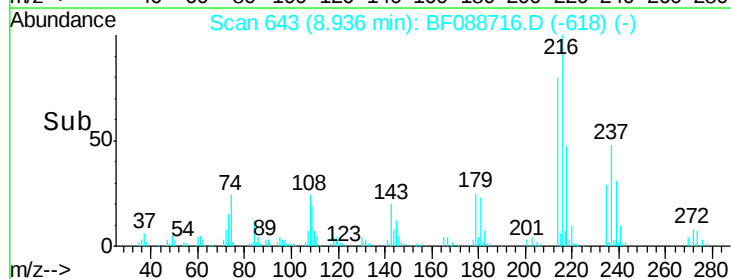
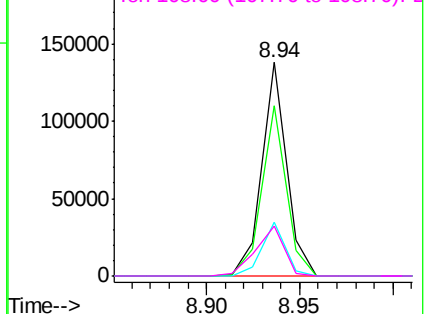


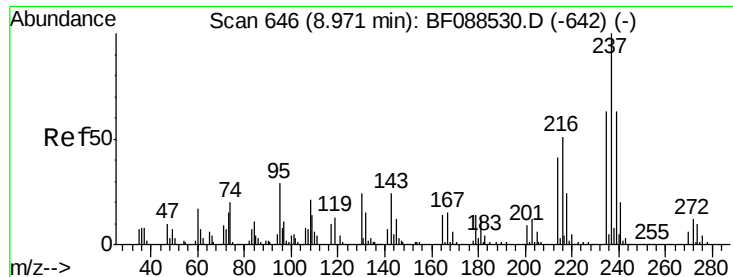
Abundance Ion 216.00 (215.70 to 216.70): E

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

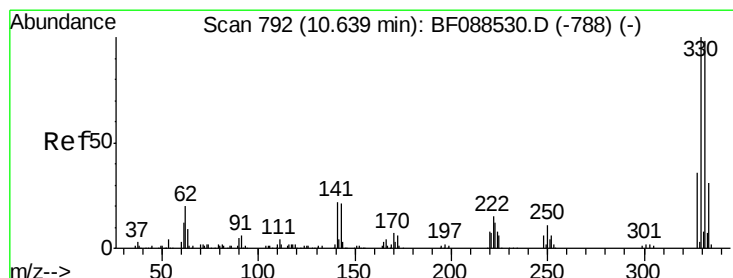
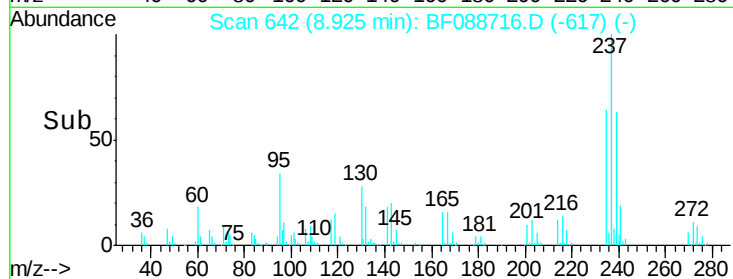
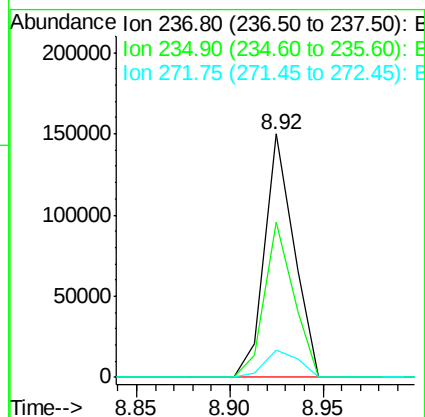
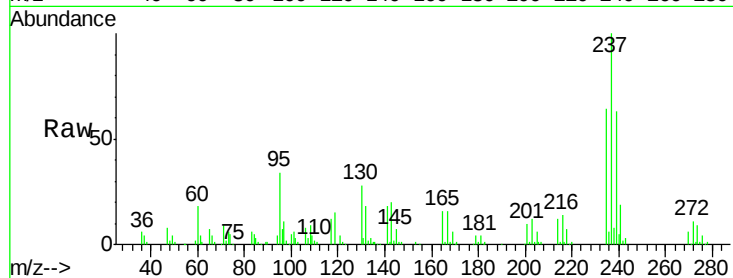




#40
Hexachlorocyclopentadiene
Concen: 50.81 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

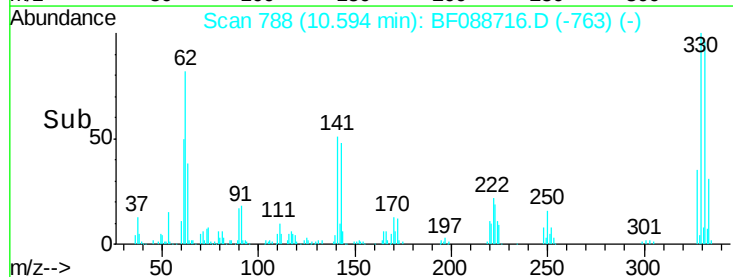
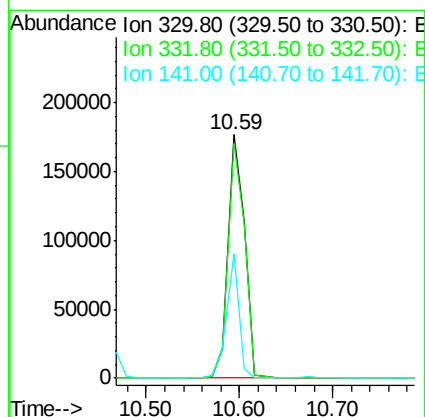
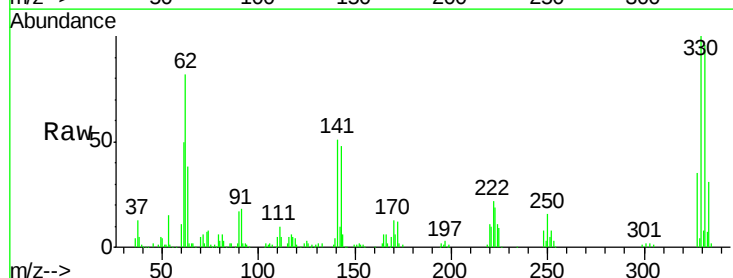
Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

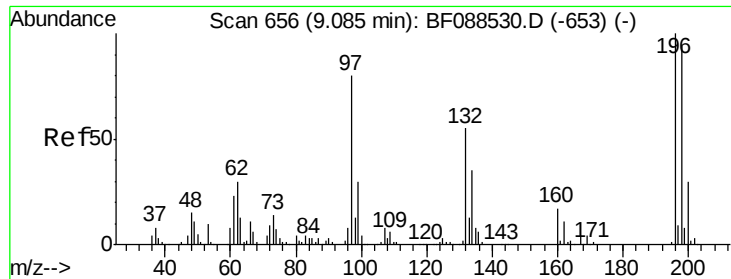
Tgt Ion: 237 Resp: 162497
Ion Ratio Lower Upper
237 100
235 63.6 43.4 83.4
272 11.4 0.0 32.3



#41
2,4,6-Tribromophenol
Concen: 120.20 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion: 330 Resp: 218653
Ion Ratio Lower Upper
330 100
332 97.1 0.0 0.0#
141 38.7 0.0 0.0#

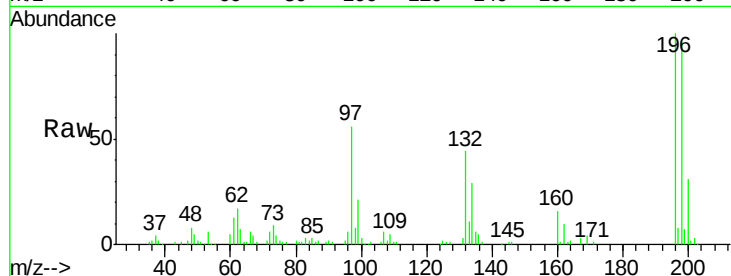




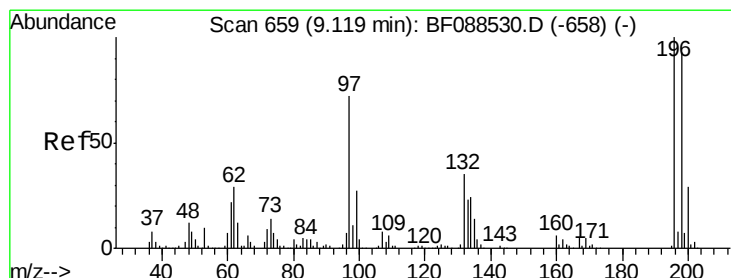
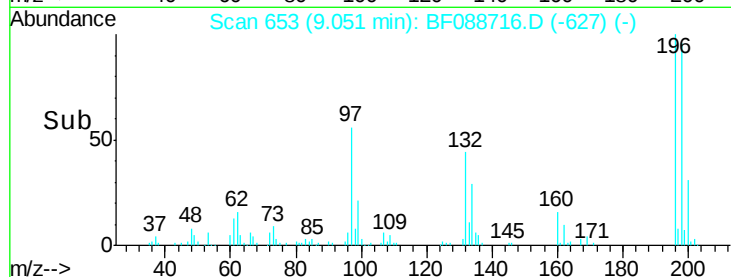
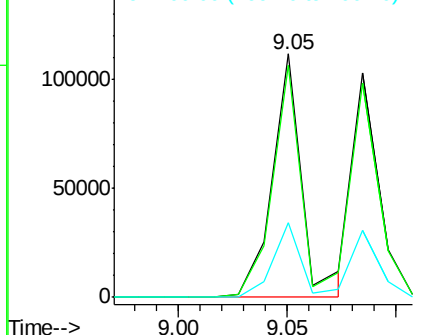
#42
 2,4,6-Trichlorophenol
 Concen: 24.85 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Tgt Ion:196 Resp: 106747
 Ion Ratio Lower Upper
 196 100
 198 95.6 78.0 117.0
 200 30.6 25.4 38.2



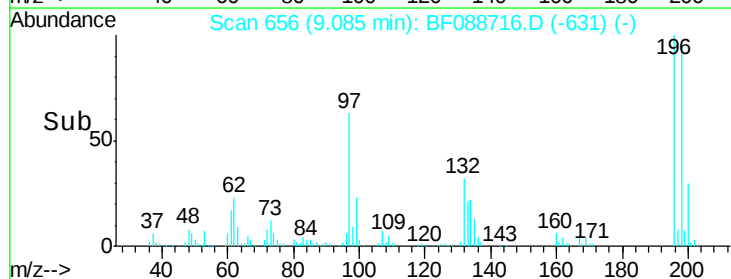
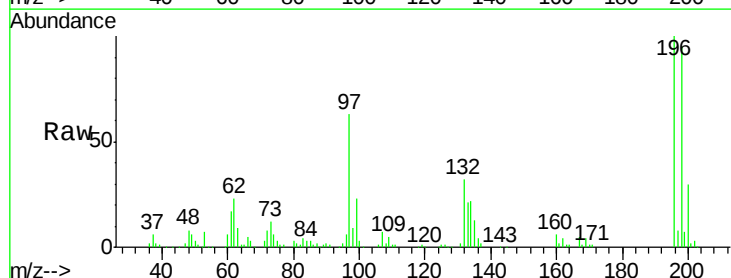
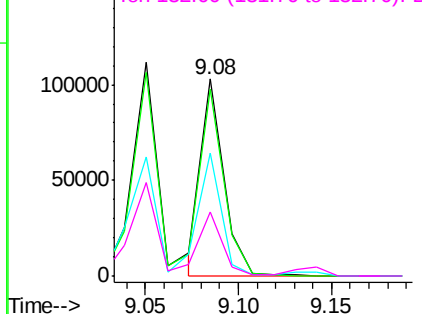
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

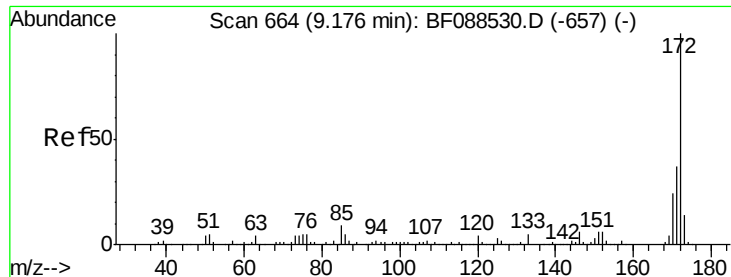


#43
 2,4,5-Trichlorophenol
 Concen: 23.64 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Tgt Ion:196 Resp: 87392
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.5 116.3
 97 62.6 32.0 48.0#
 132 32.4 20.9 31.3#

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

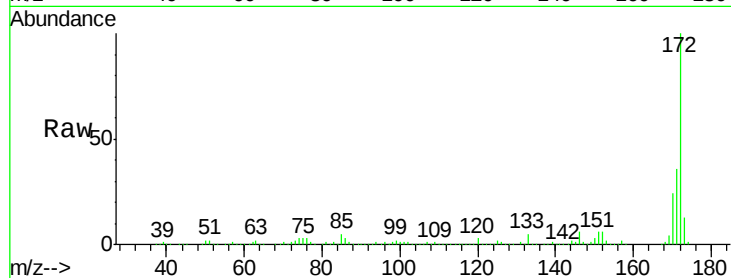




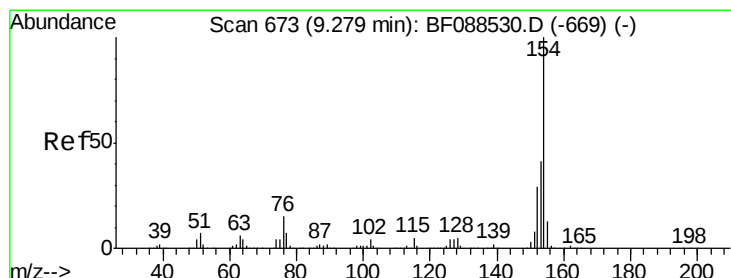
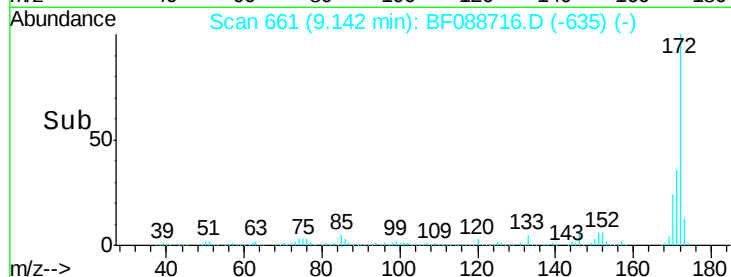
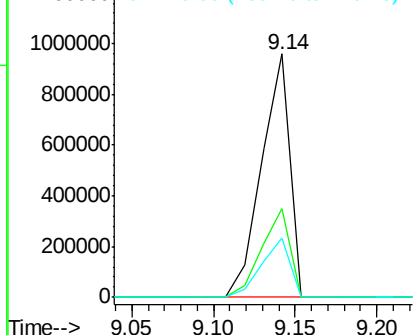
#44
 2-Fluorobiphenyl
 Concen: 93.09 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Tgt Ion:172 Resp: 1154416
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.2 19.2 28.8

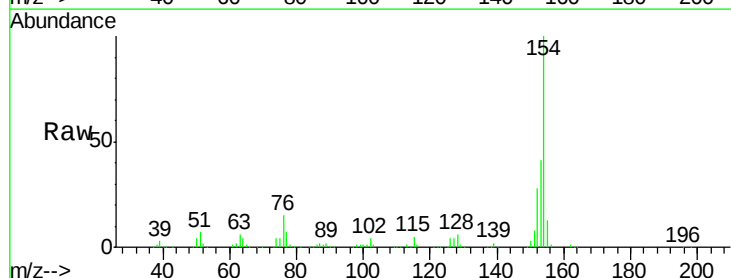


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

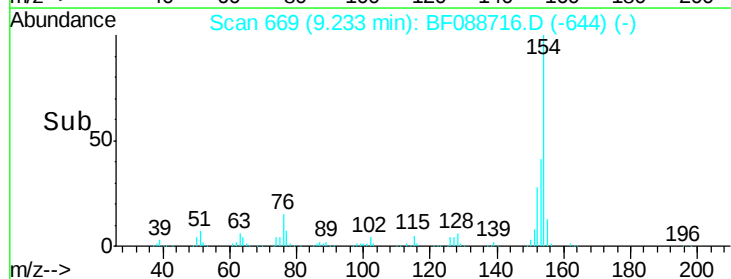
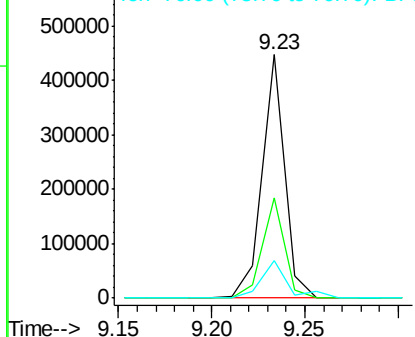


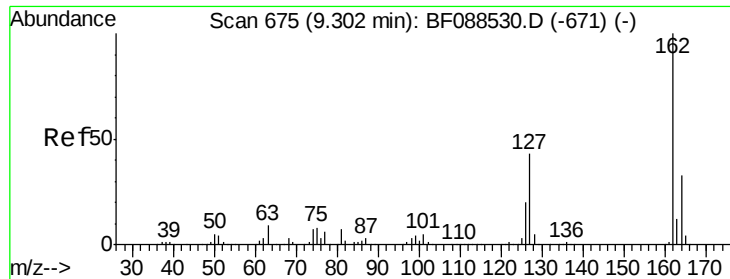
#45
 1,1'-Biphenyl
 Concen: 23.25 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Tgt Ion:154 Resp: 377216
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.6 60.6
 76 15.3 0.0 35.1



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

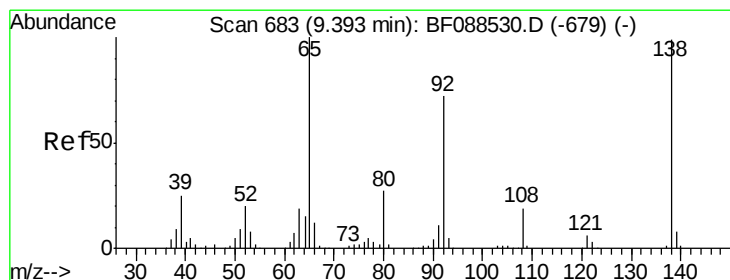
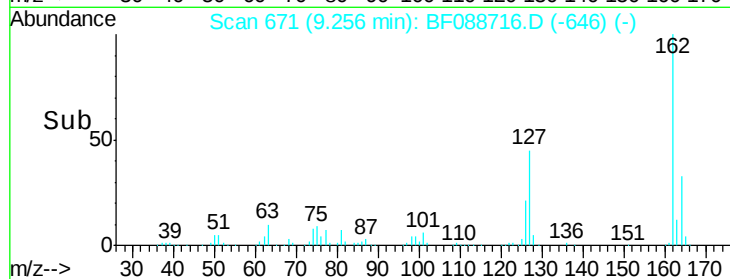
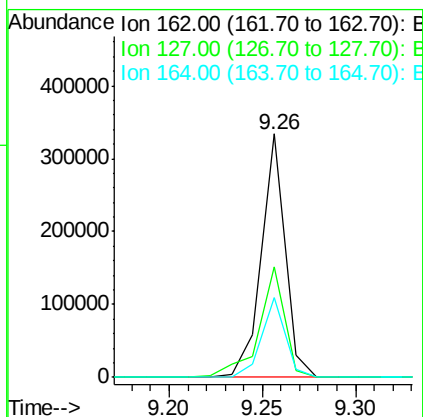
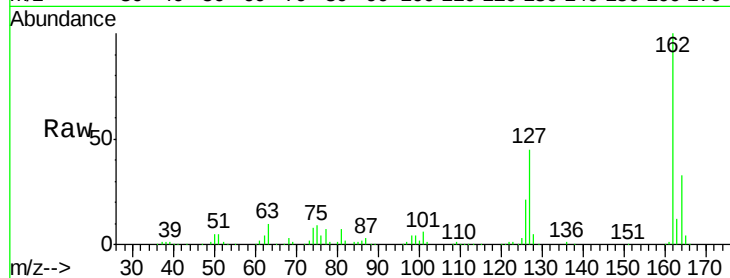




#46
 2-Chloronaphthalene
 Concen: 23.00 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

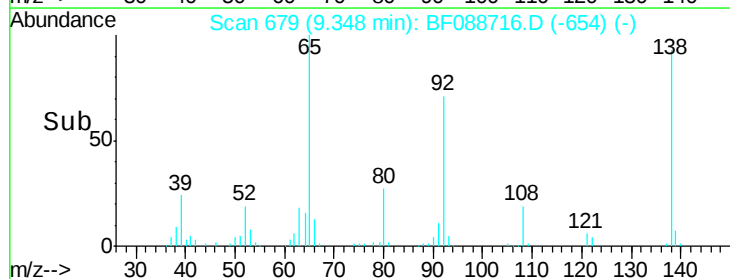
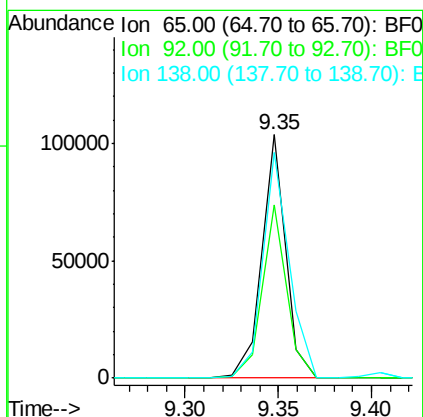
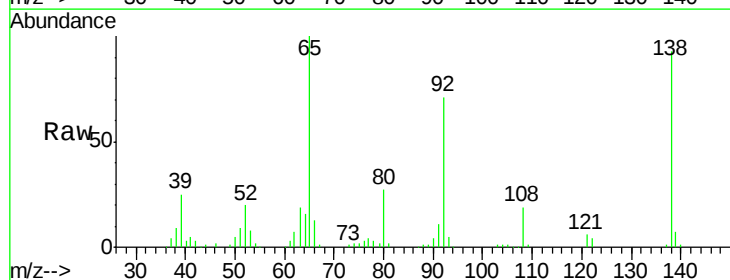
Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Tgt Ion: 162 Resp: 292875
 Ion Ratio Lower Upper
 162 100
 127 45.4 35.2 52.8
 164 33.0 26.6 39.8



#47
 2-Nitroaniline
 Concen: 20.14 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Tgt Ion: 65 Resp: 91010
 Ion Ratio Lower Upper
 65 100
 92 70.9 54.6 82.0
 138 92.6 77.0 115.4





#48

Acenaphthylene

Concen: 22.65 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

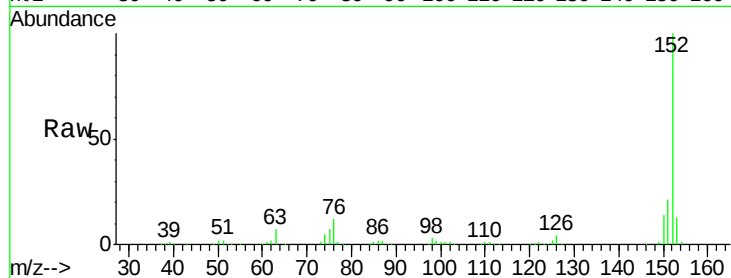
Tgt Ion:152 Resp: 459026

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

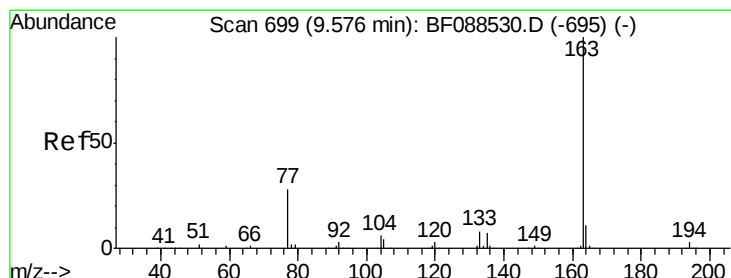
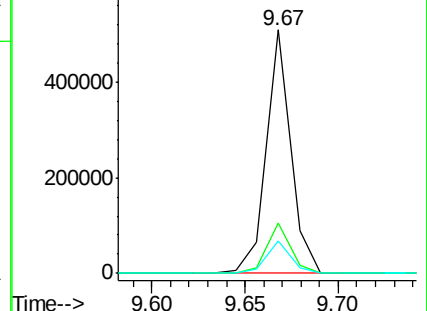
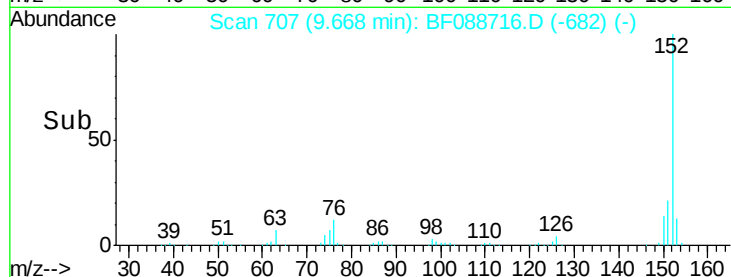
153 13.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 46.37 ng

RT: 9.54 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

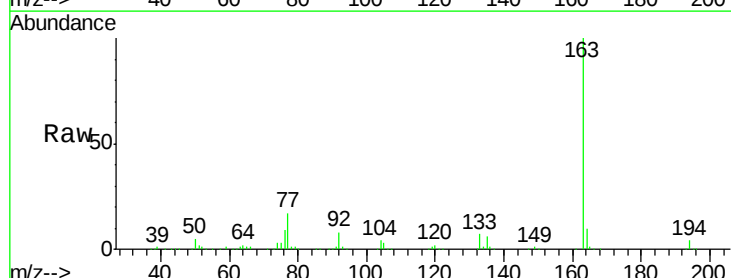
Tgt Ion:163 Resp: 647160

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

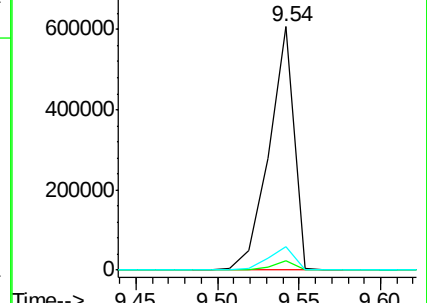
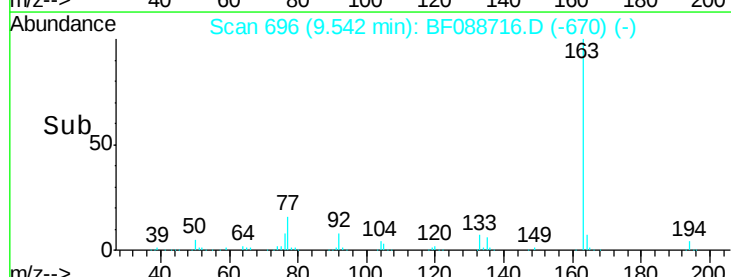
164 9.8 8.3 12.5

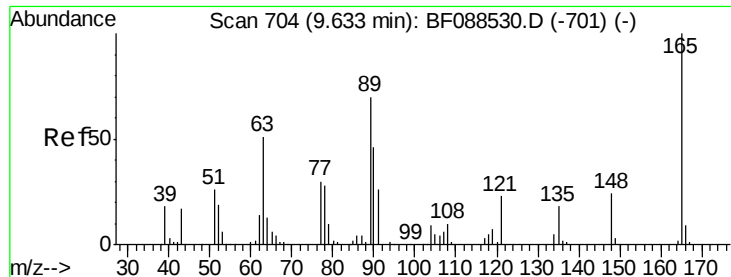


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

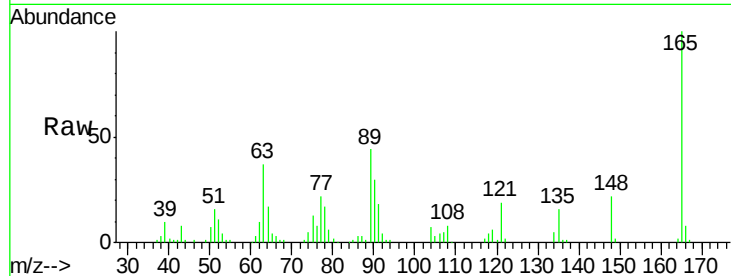




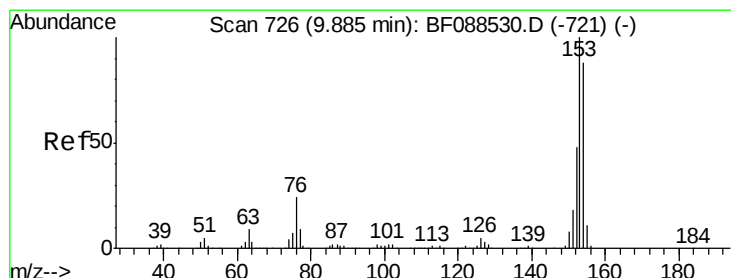
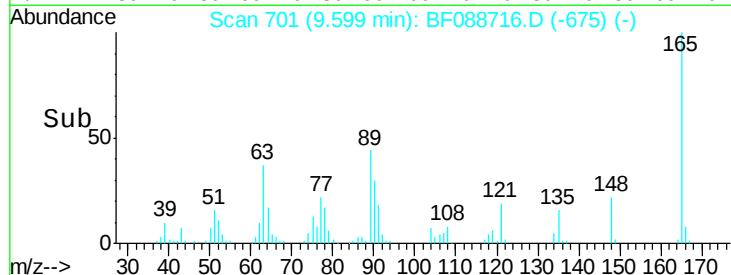
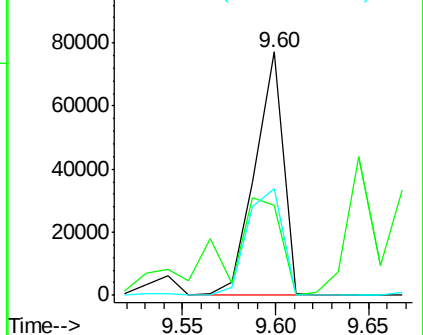
#50
2,6-Dinitrotoluene
Concen: 26.12 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tgt Ion:165 Resp: 80779
Ion Ratio Lower Upper
165 100
63 36.9 28.1 42.1
89 43.7 32.2 48.2

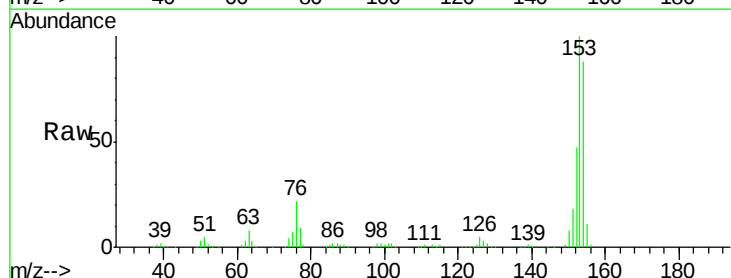


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

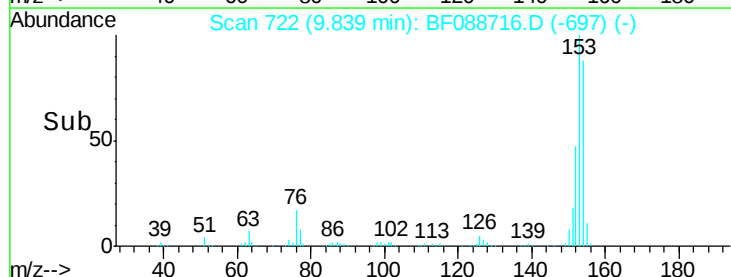
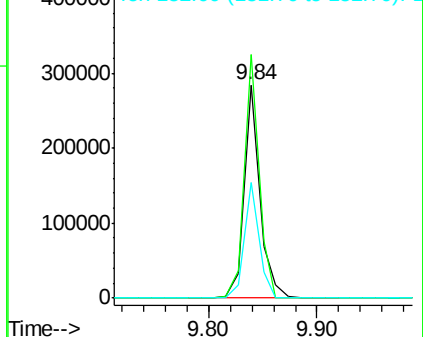


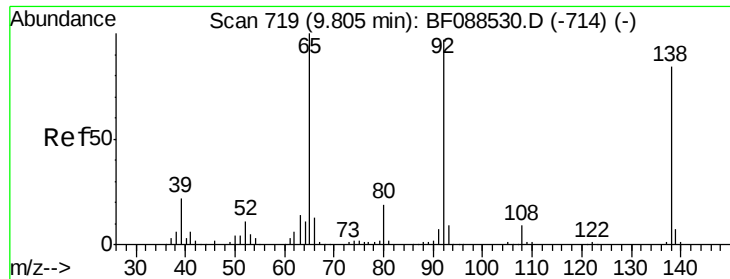
#51
Acenaphthene
Concen: 22.61 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion:154 Resp: 280813
Ion Ratio Lower Upper
154 100
153 114.1 89.5 134.3
152 54.1 42.7 64.1



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

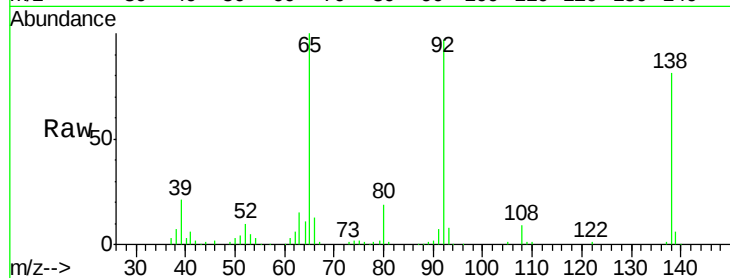




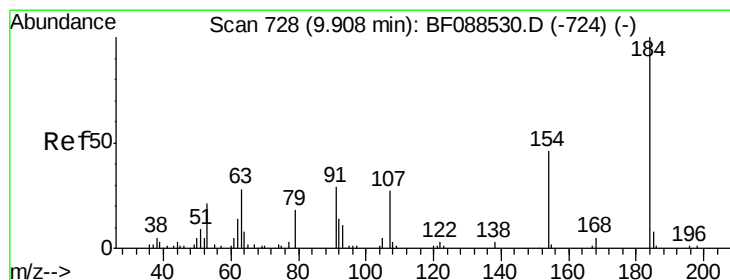
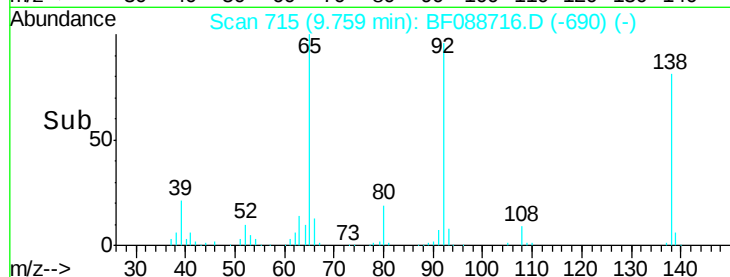
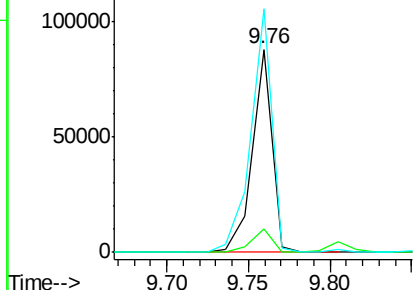
#52
 3-Nitroaniline
 Concen: 18.78 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Tgt Ion:138 Resp: 73858
 Ion Ratio Lower Upper
 138 100
 108 11.2 8.5 12.7
 92 119.8 95.7 143.5

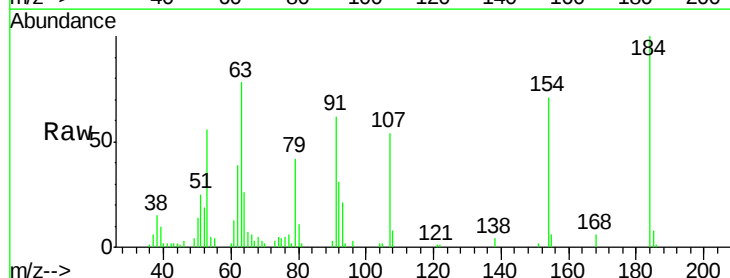


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

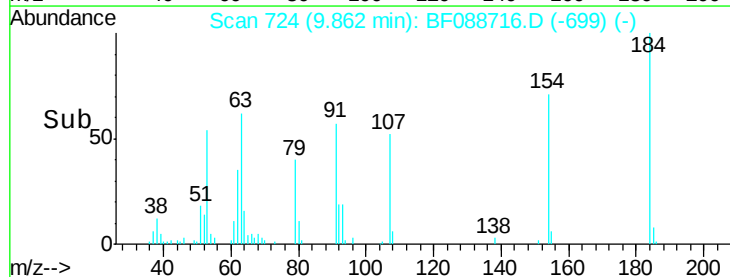
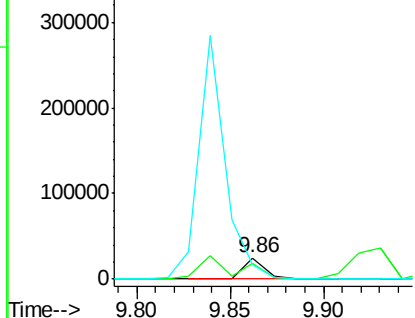


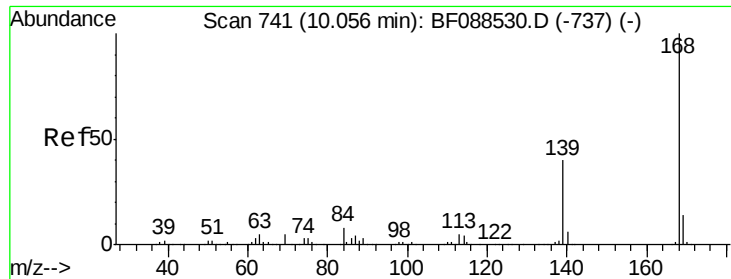
#53
 2,4-Dinitrophenol
 Concen: 14.72 ng
 RT: 9.86 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Tgt Ion:184 Resp: 20108
 Ion Ratio Lower Upper
 184 100
 63 77.5 57.6 86.4
 154 70.7 53.5 80.3



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

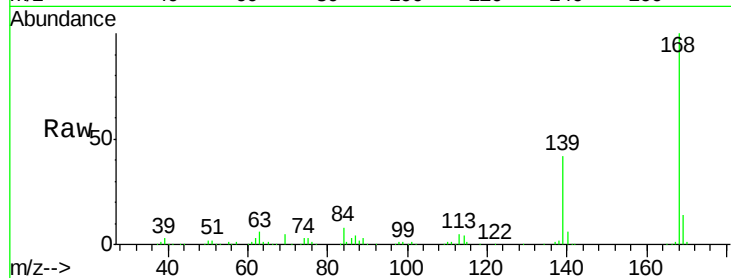




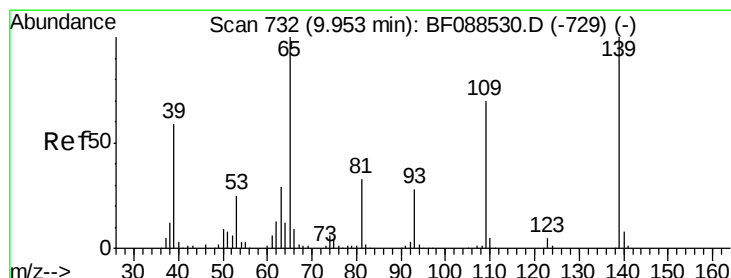
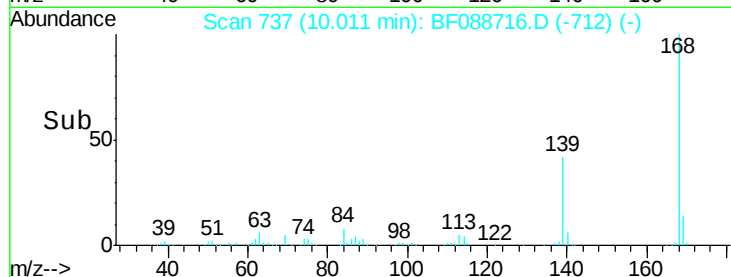
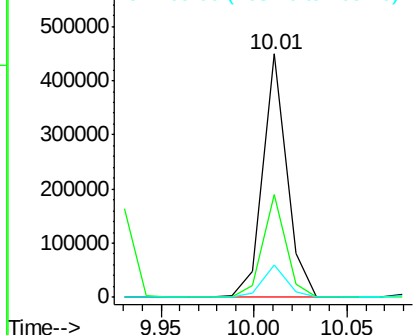
#54
Dibenzofuran
Concen: 24.58 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tgt Ion:168 Resp: 399527
Ion Ratio Lower Upper
168 100
139 42.0 26.4 39.6#
169 13.6 10.4 15.6

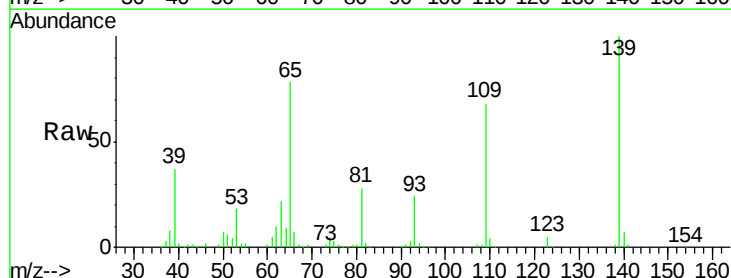


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

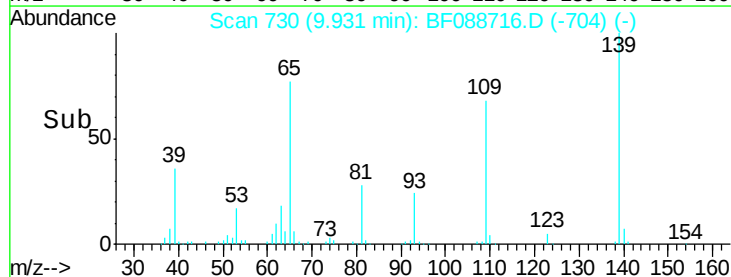
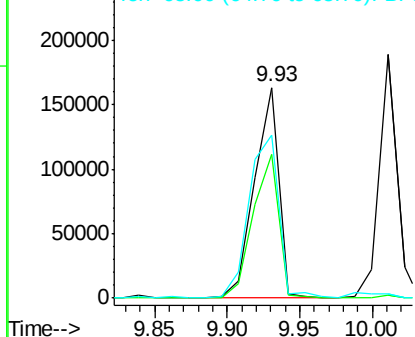


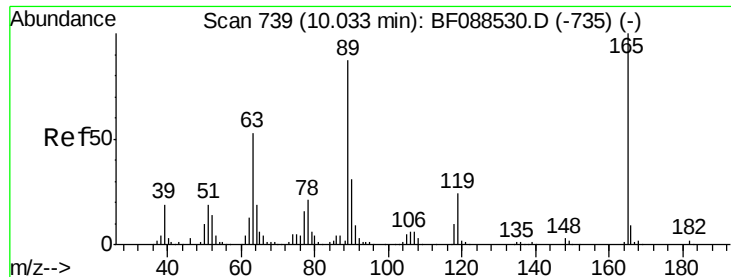
#55
4-Nitrophenol
Concen: 63.67 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion:139 Resp: 190243
Ion Ratio Lower Upper
139 100
109 68.3 48.9 88.9
65 77.7 84.9 124.9#



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

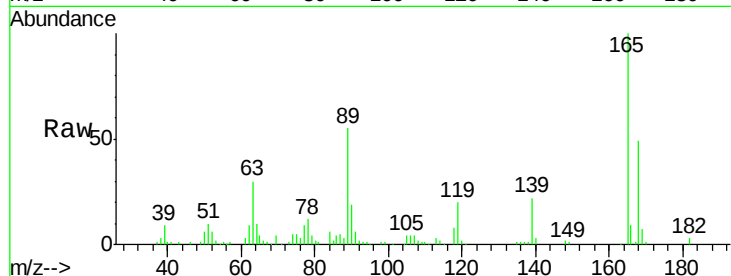




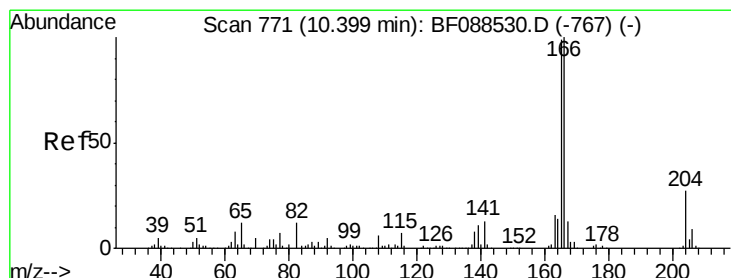
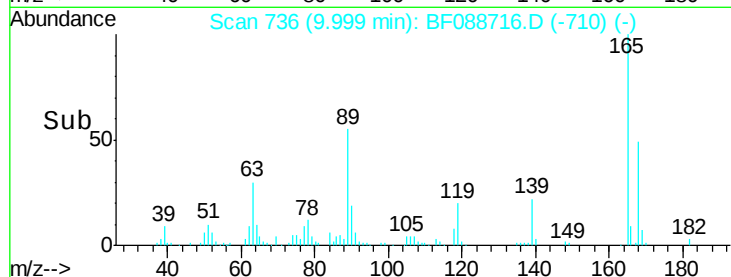
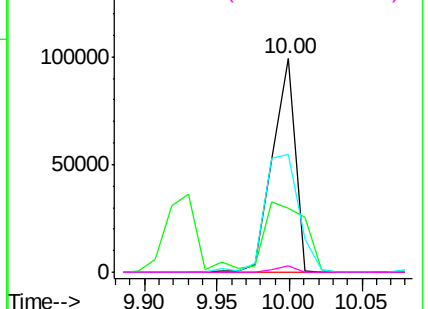
#56
2,4-Dinitrotoluene
Concen: 26.46 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tgt Ion:	165	Resp:	107016
Ion	Ratio	Lower	Upper
165	100		
63	30.1	22.0	33.0
89	55.1	41.1	61.7
182	2.7	2.0	3.0

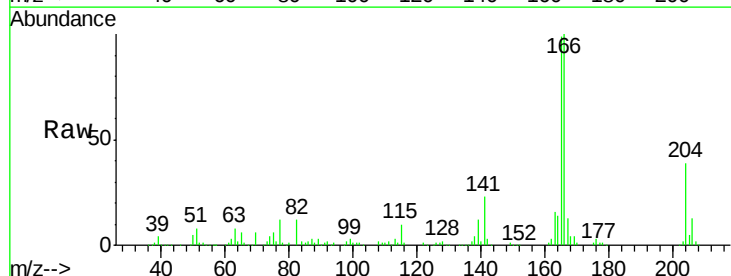


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

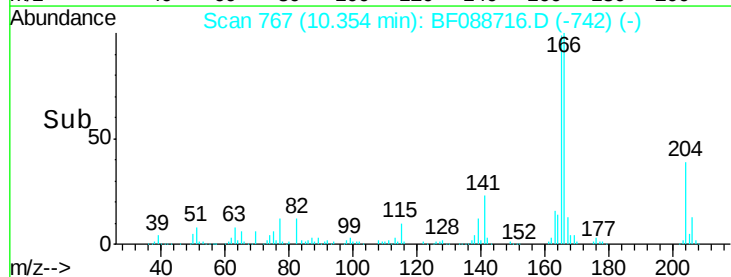
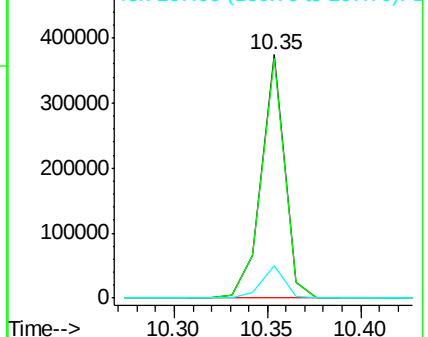


#57
Fluorene
Concen: 25.62 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion:	166	Resp:	320899
Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.8	116.8
167	13.3	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

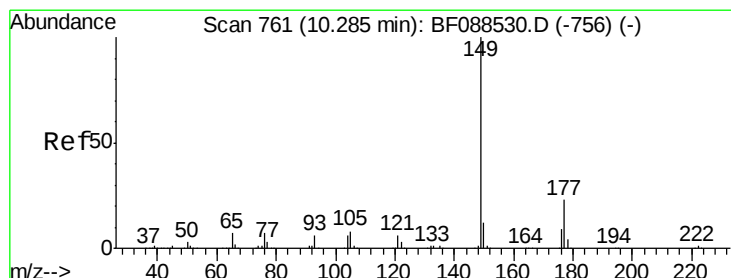
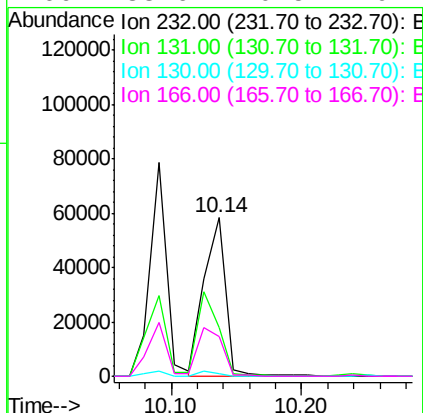
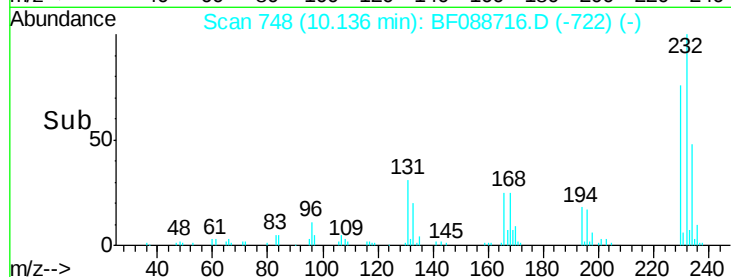
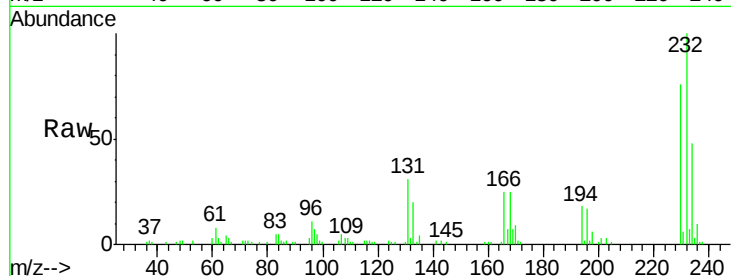




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 23.89 ng
 RT: 10.14 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

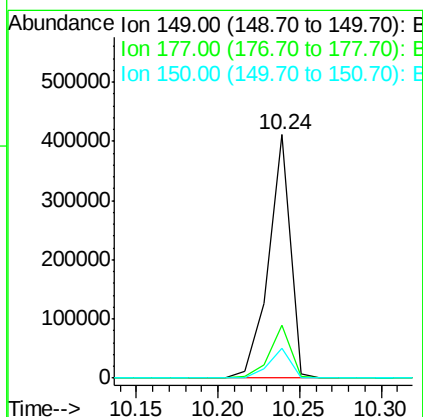
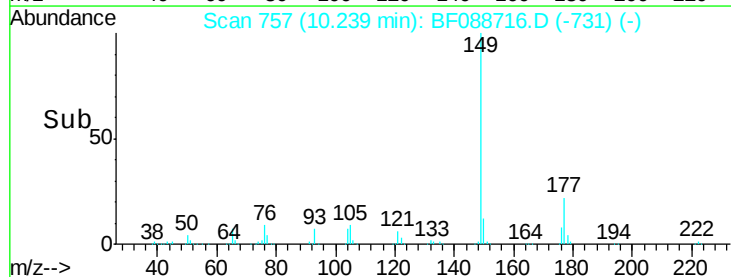
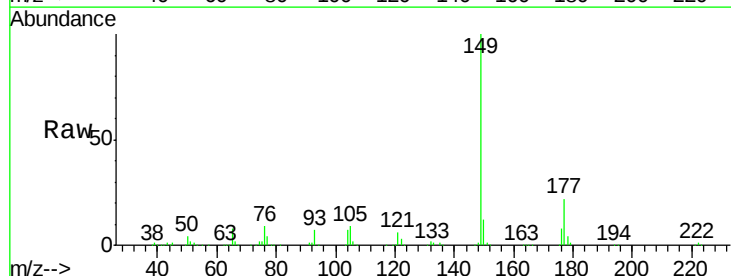
Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Tgt Ion: 232 Resp: 68302
 Ion Ratio Lower Upper
 232 100
 131 52.4 0.9 1.3#
 130 2.6 1.5 2.3#
 166 33.6 0.5 0.7#



#59
 Diethylphthalate
 Concen: 27.37 ng
 RT: 10.24 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Tgt Ion: 149 Resp: 383406
 Ion Ratio Lower Upper
 149 100
 177 21.5 16.9 25.3
 150 12.4 10.1 15.1

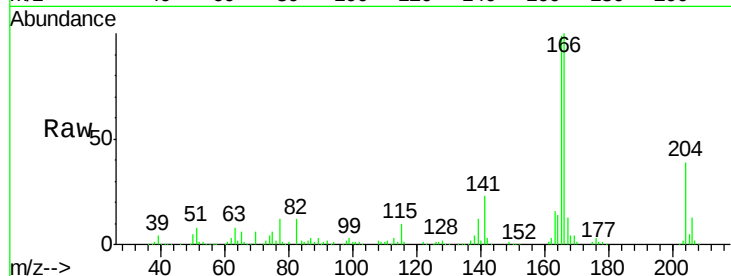




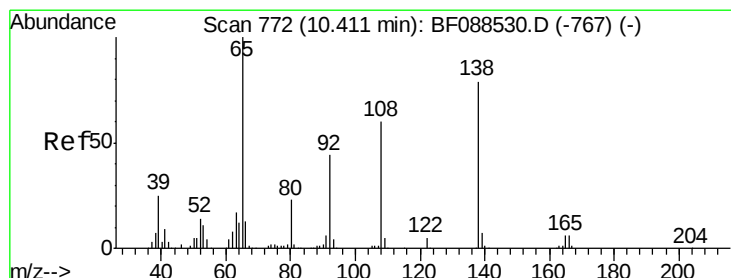
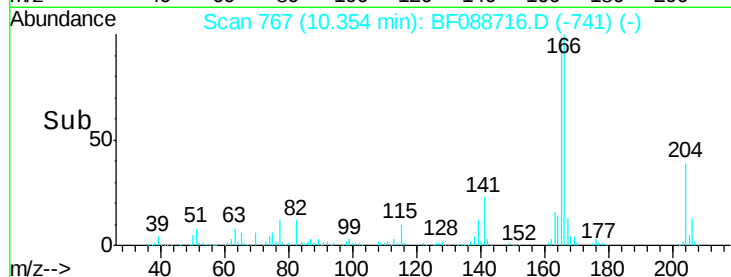
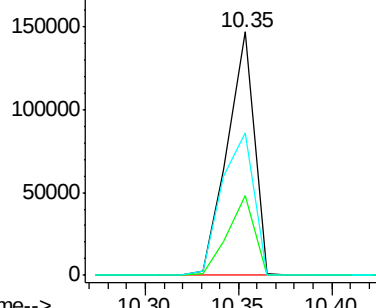
#60
4-Chlorophenyl-phenylether
Concen: 25.30 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tgt Ion:204 Resp: 147265
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 58.5 55.0 82.6

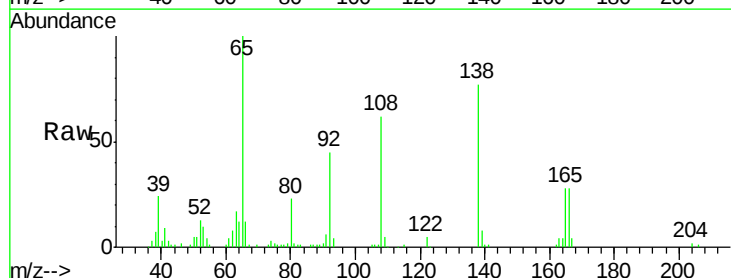


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

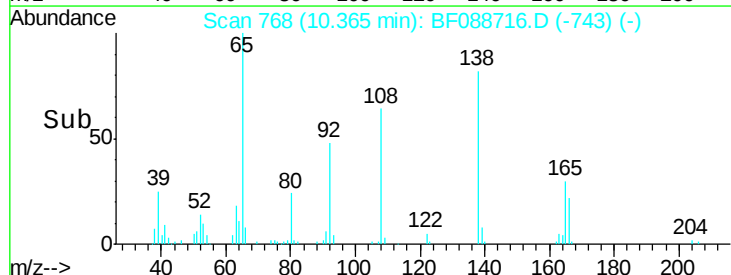
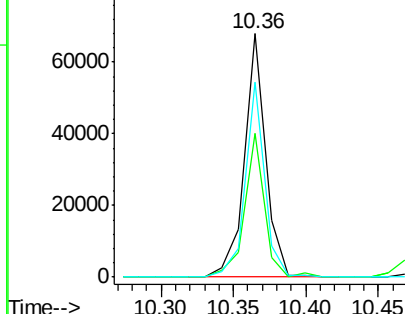


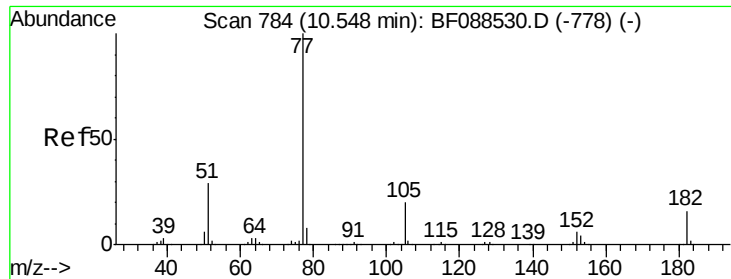
#61
4-Nitroaniline
Concen: 18.26 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion:138 Resp: 69089
Ion Ratio Lower Upper
138 100
92 59.1 27.3 67.3
108 80.1 46.7 86.7



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: 25.11 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

Tgt Ion: 77 Resp: 401122

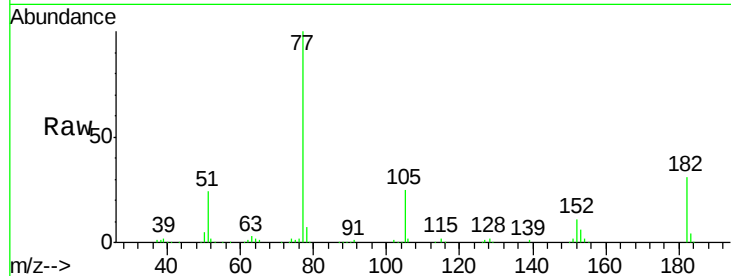
Ion Ratio Lower Upper

77 100

182 31.4 4.4 44.4

105 25.0 3.8 43.8

51 24.2 9.3 49.3

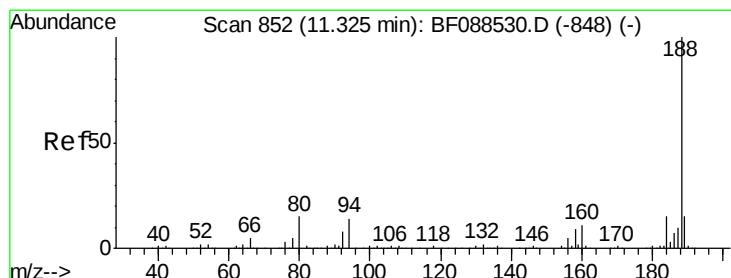
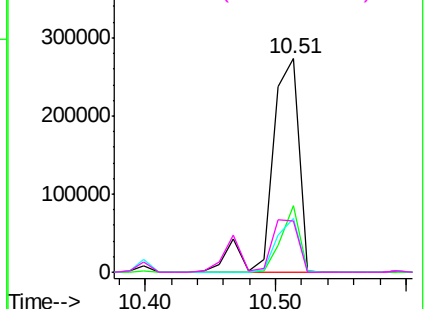
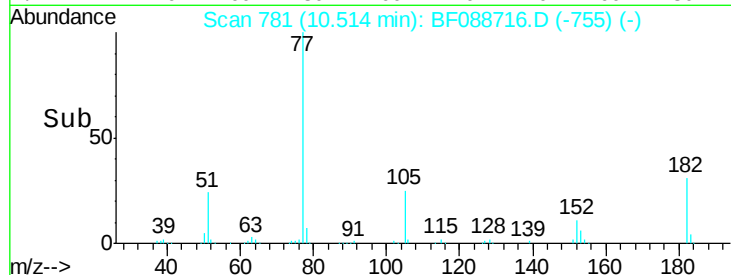


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

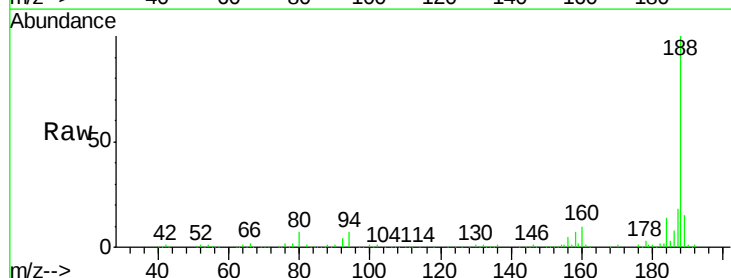
Tgt Ion: 188 Resp: 384425

Ion Ratio Lower Upper

188 100

94 7.1 9.0 13.6#

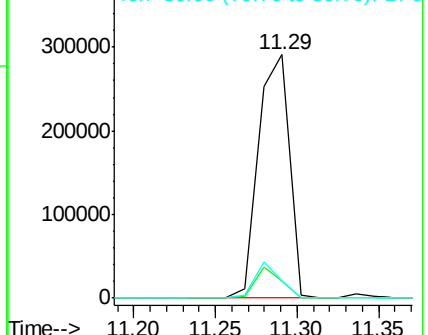
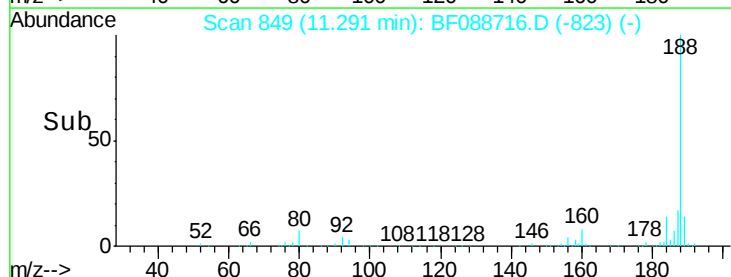
80 7.2 10.0 15.0#

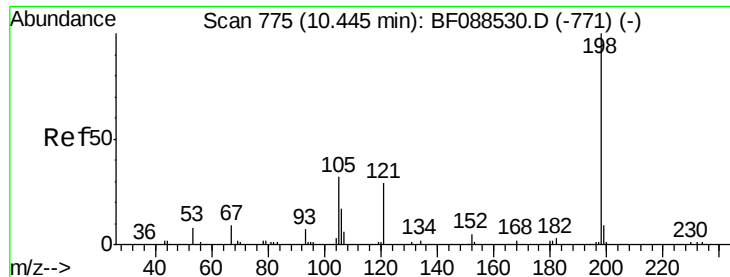


Abundance Ion 188.00 (187.70 to 188.70): E

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: 10.49 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

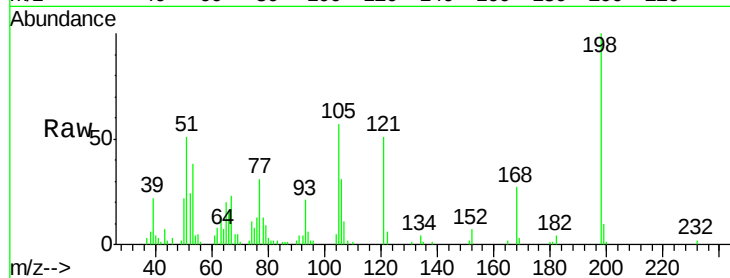
Tgt Ion:198 Resp: 21573

Ion Ratio Lower Upper

198 100

51 50.6 39.6 79.6

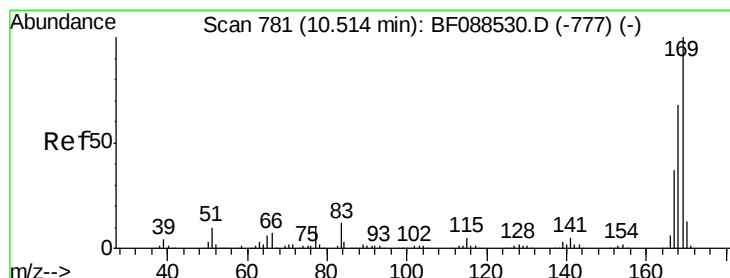
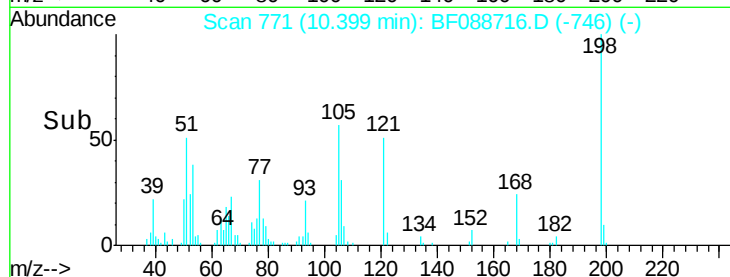
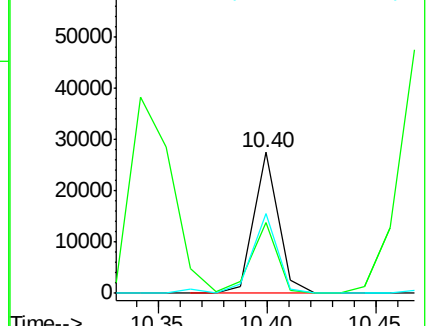
105 56.9 36.6 76.6



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: 21.99 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

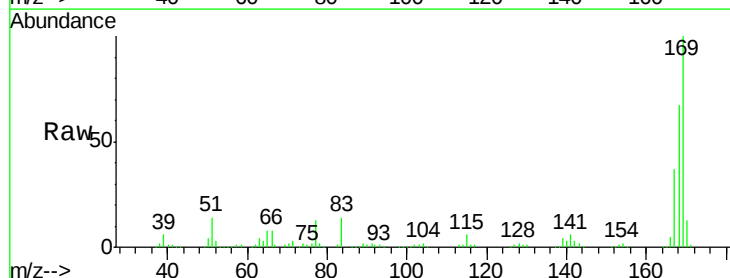
Tgt Ion:169 Resp: 286153

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

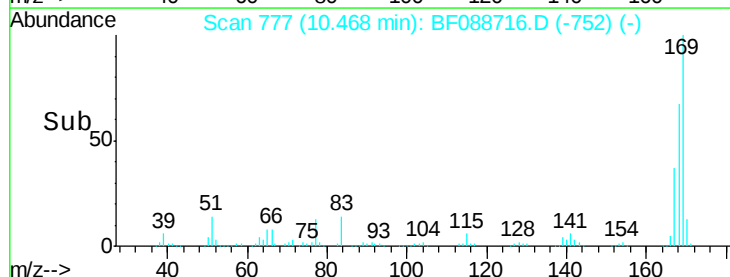
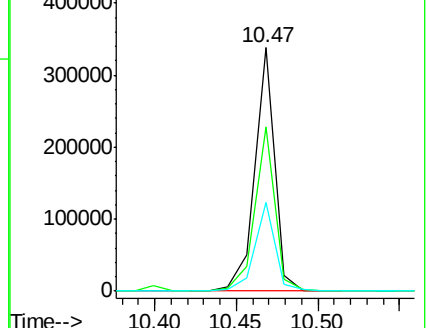
167 36.5 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

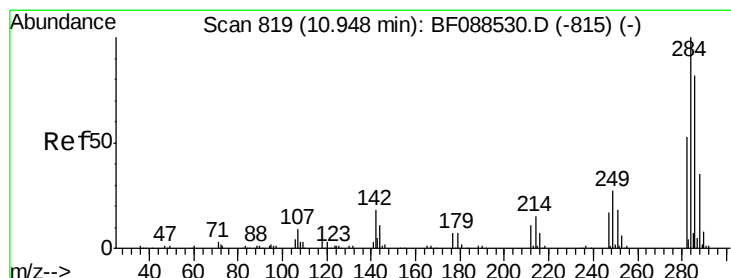
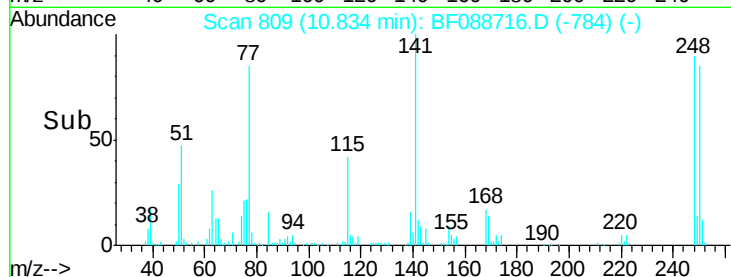
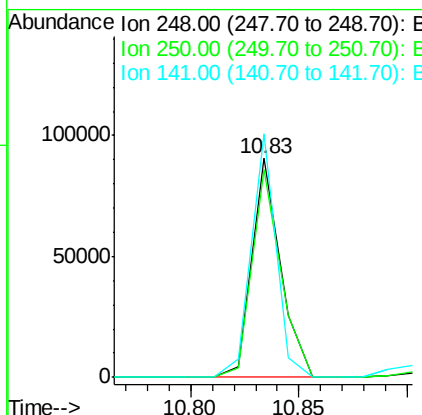
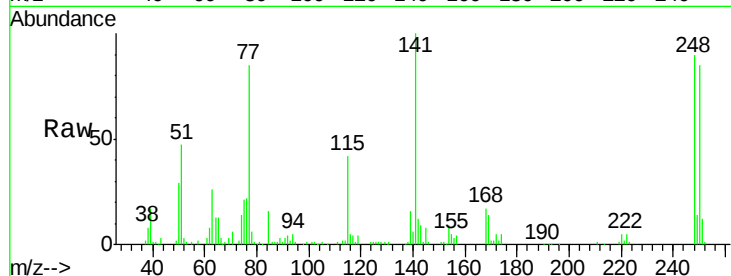




#66
4-Bromophenyl-phenylether
Concen: 21.31 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

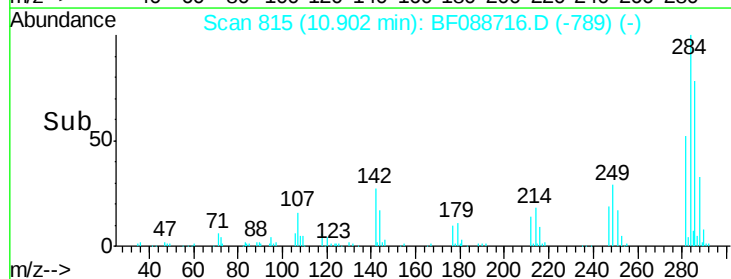
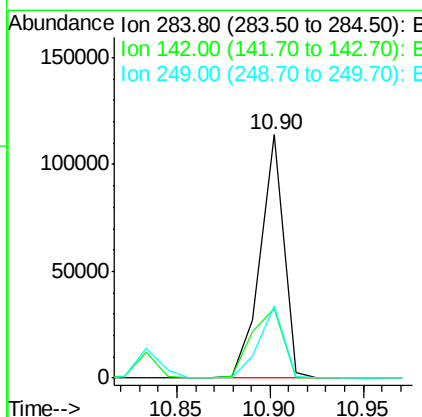
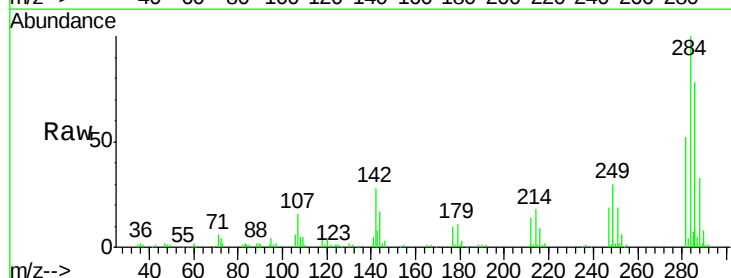
Instrument :
BNA_F
ClientSampled :
C1.2-6MS

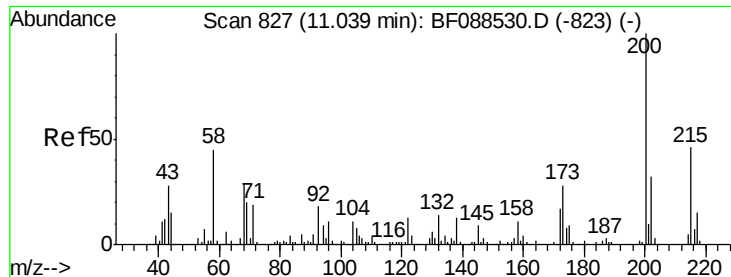
Tgt Ion:248 Resp: 82556
Ion Ratio Lower Upper
248 100
250 95.0 77.1 115.7
141 111.3 50.6 76.0#



#67
Hexachlorobenzene
Concen: 23.20 ng
RT: 10.90 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion:284 Resp: 99489
Ion Ratio Lower Upper
284 100
142 28.3 35.8 53.8#
249 29.8 25.8 38.6

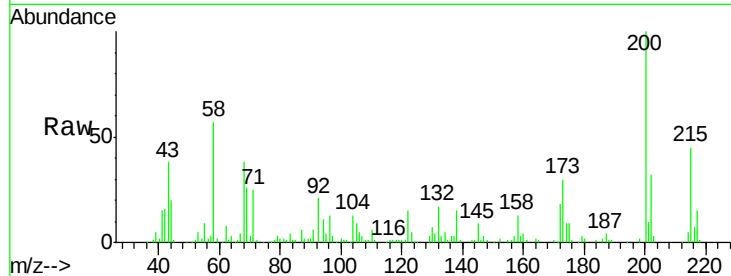




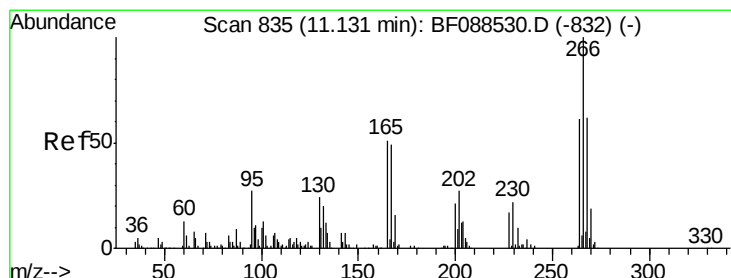
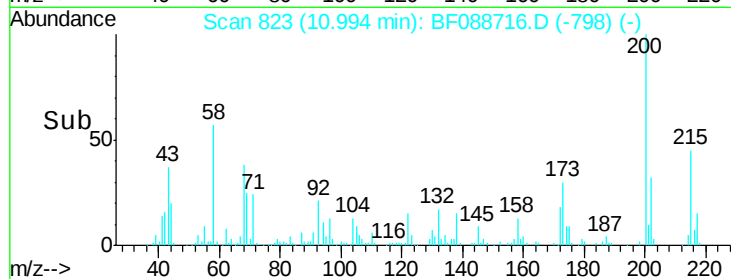
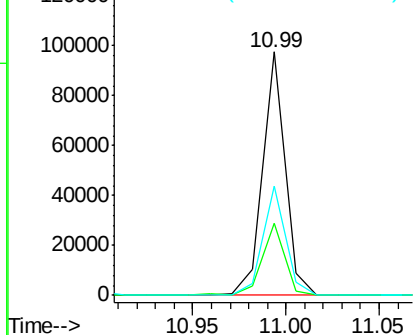
#68
Atrazine
Concen: 19.91 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tgt Ion:200 Resp: 80712
Ion Ratio Lower Upper
200 100
173 29.7 4.0 44.0
215 44.9 29.3 69.3

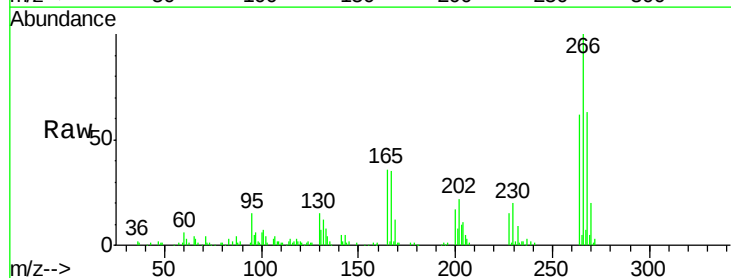


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

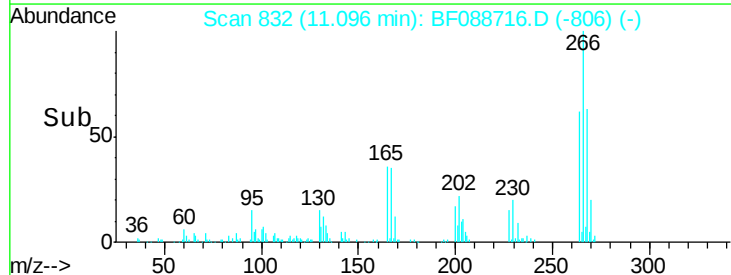
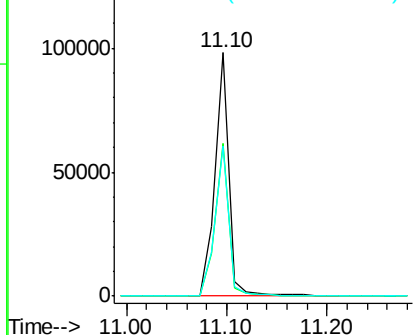


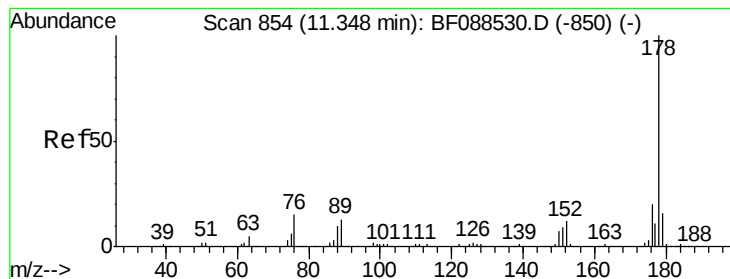
#69
Pentachlorophenol
Concen: 37.28 ng
RT: 11.10 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion:266 Resp: 94603
Ion Ratio Lower Upper
266 100
268 62.6 52.8 79.2
264 61.7 49.6 74.4



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: 23.20 ng

RT: 11.31 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

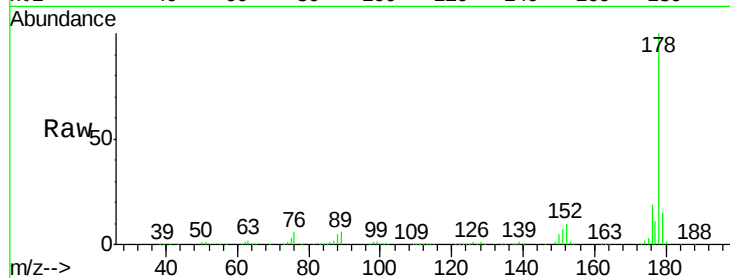
Tgt Ion:178 Resp: 487469

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.6

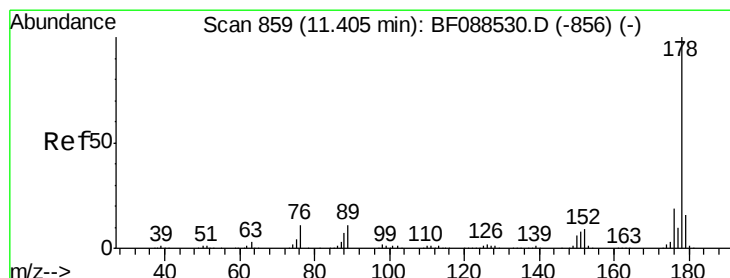
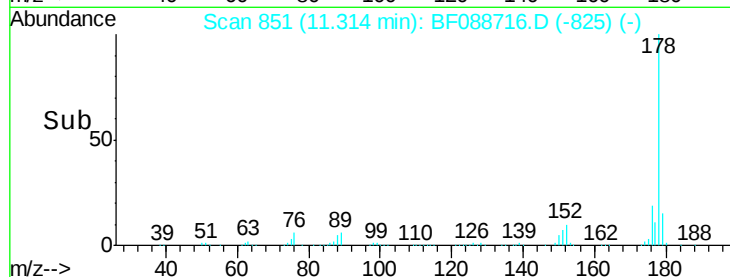
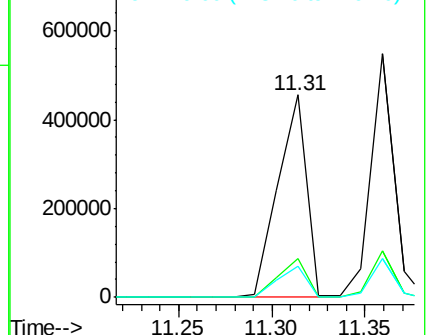
179 15.3 13.0 19.4



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: 22.10 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

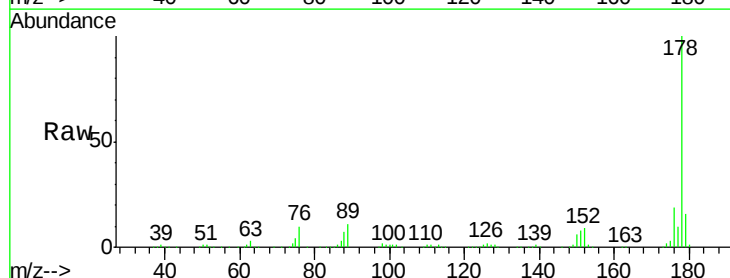
Tgt Ion:178 Resp: 461745

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

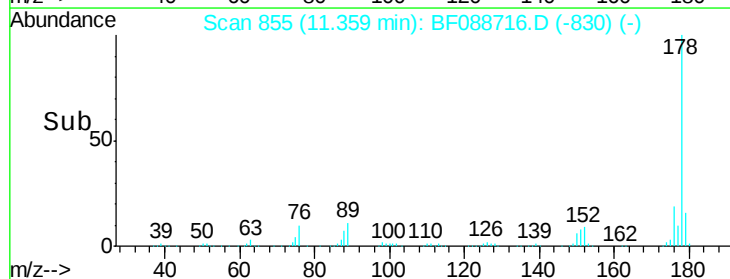
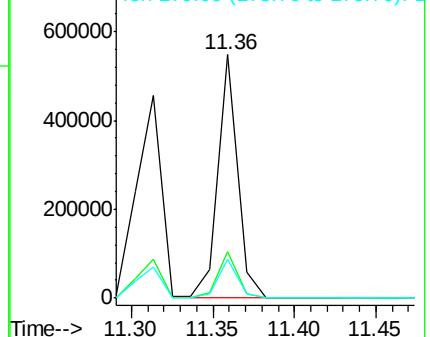
179 15.7 12.8 19.2

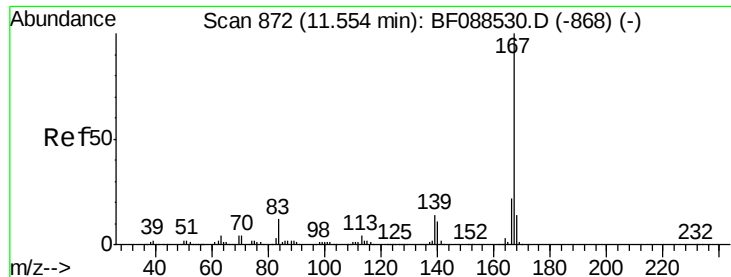


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

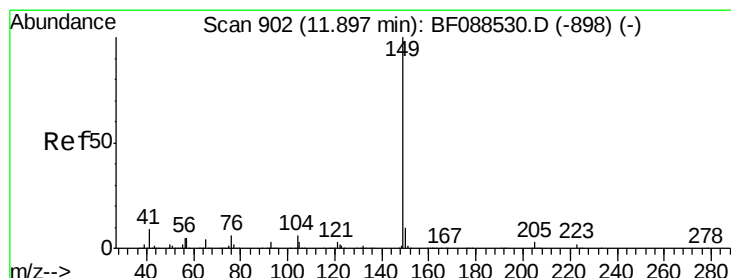
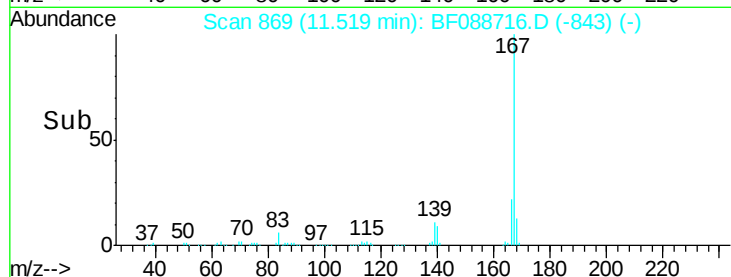
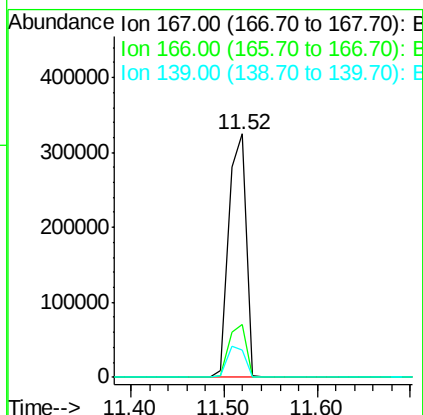
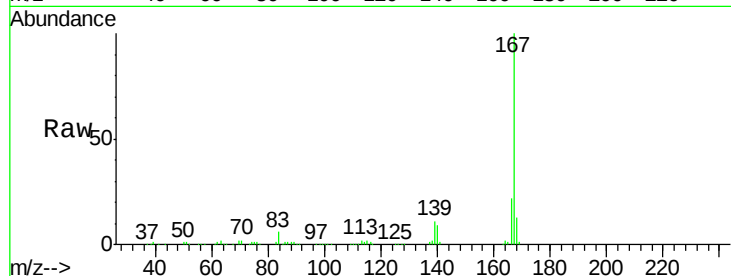




#72
 Carbazole
 Concen: 21.69 ng
 RT: 11.52 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

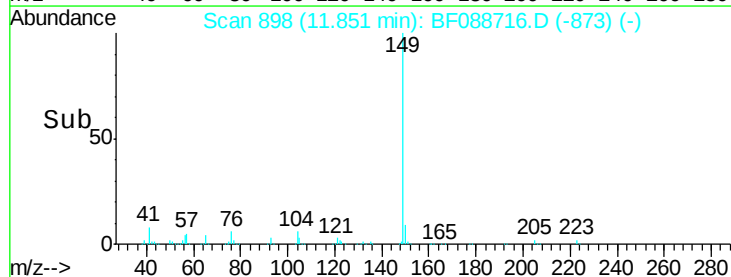
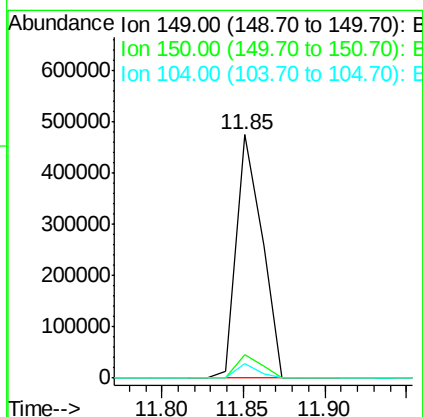
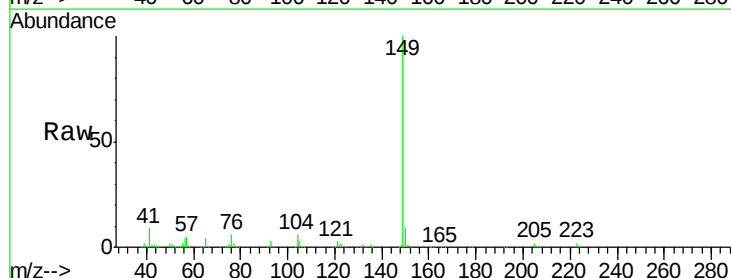
Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

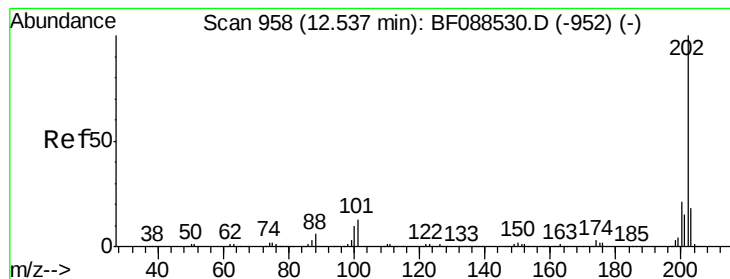
Tgt Ion:167 Resp: 426531
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 11.3 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 22.32 ng
 RT: 11.85 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Tgt Ion:149 Resp: 510697
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.8 4.0 6.0





#74

Fluoranthene

Concen: 22.98 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

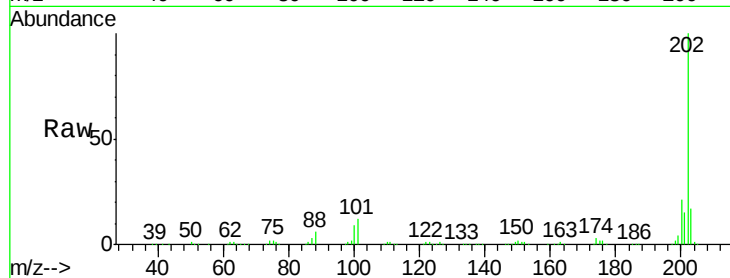
Tgt Ion:202 Resp: 489639

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.1

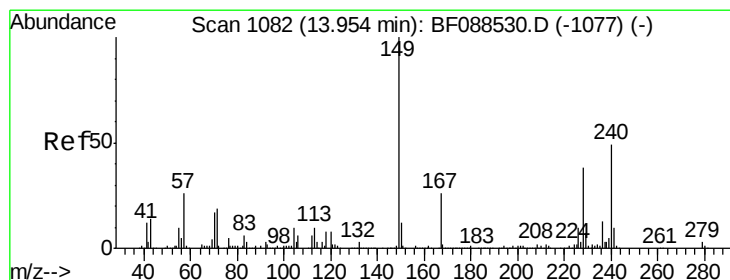
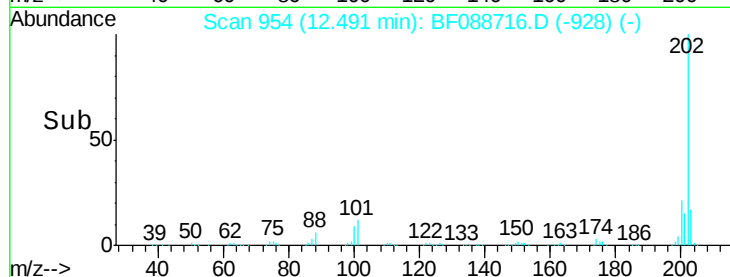
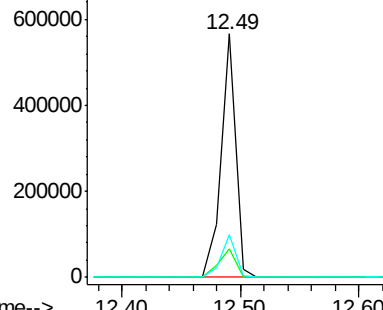
203 17.3 0.0 38.1



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: 13.91 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

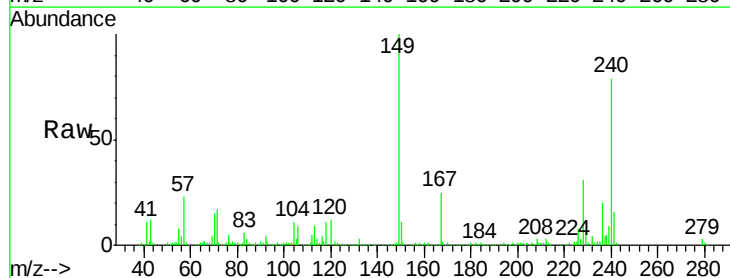
Tgt Ion:240 Resp: 257256

Ion Ratio Lower Upper

240 100

120 14.8 6.8 10.2#

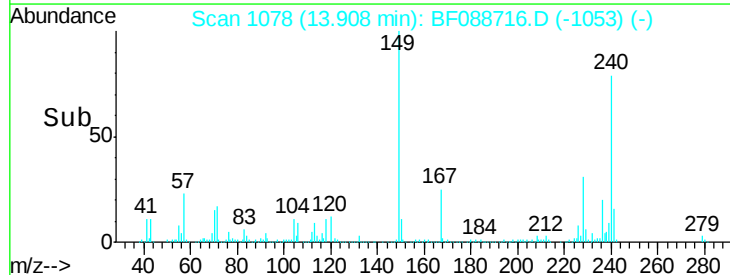
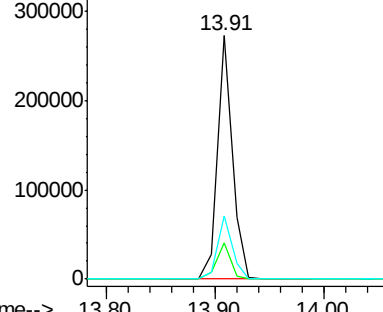
236 25.8 20.2 30.2

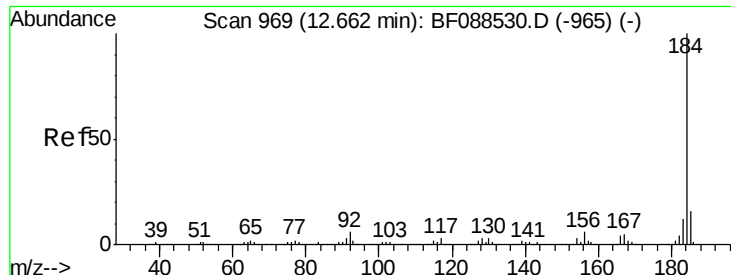


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

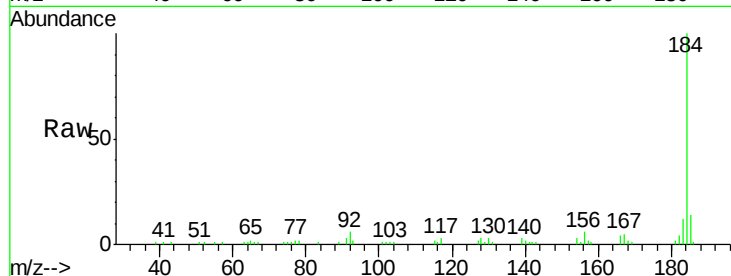




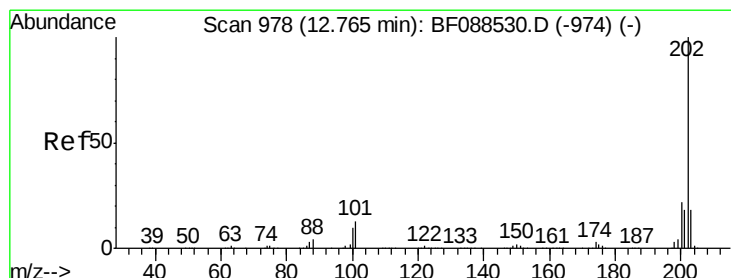
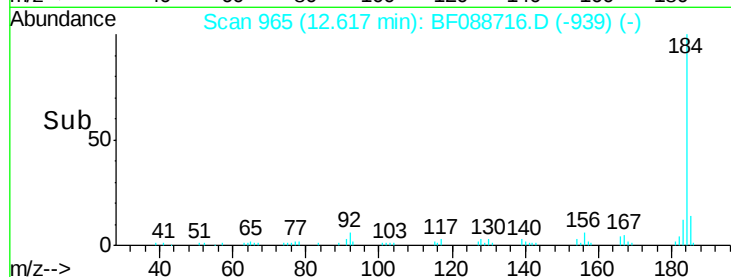
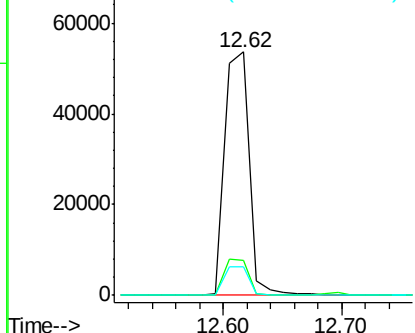
#76
Benzidine
Concen: 5.86 ng
RT: 12.62 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tgt Ion:184 Resp: 76160
Ion Ratio Lower Upper
184 100
185 14.3 12.5 18.7
183 12.0 9.3 13.9

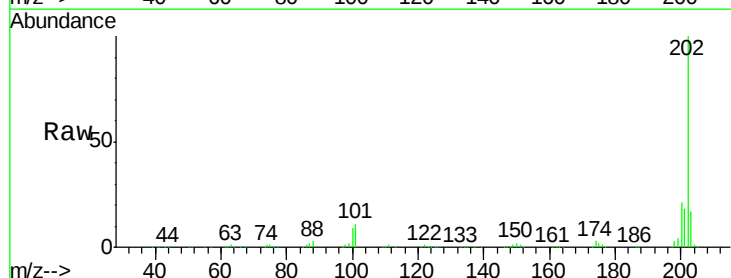


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

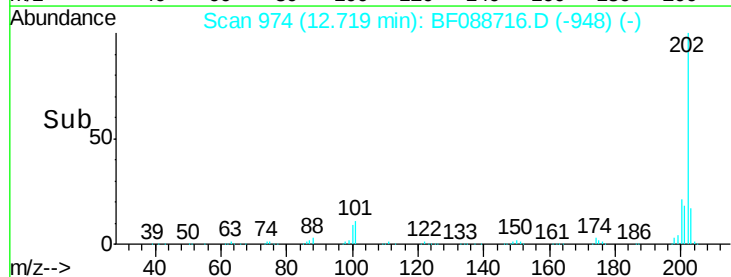
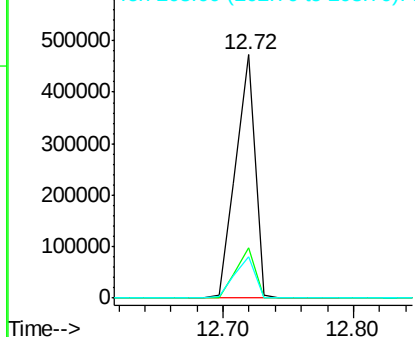


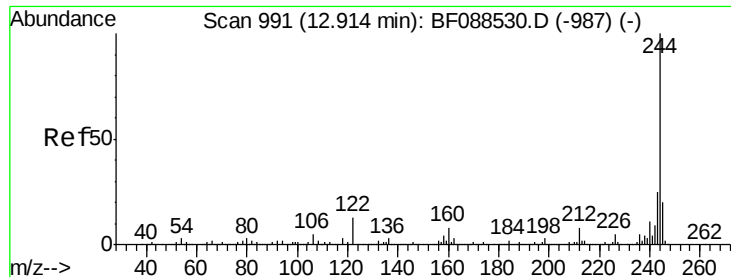
#77
Pyrene
Concen: 22.26 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion:202 Resp: 485581
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 17.1 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 75.21 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

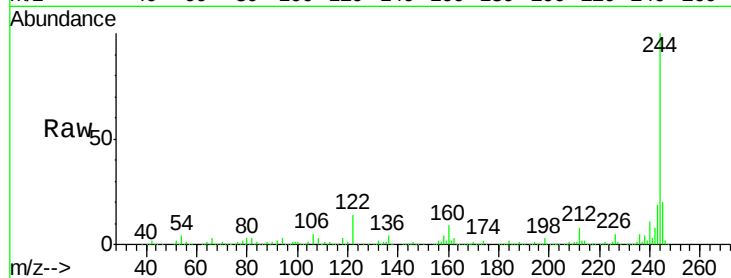
Tgt Ion:244 Resp: 868681

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

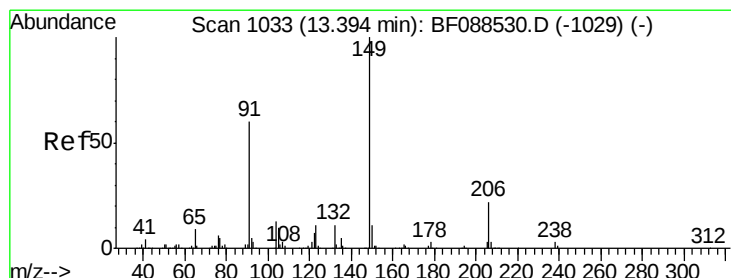
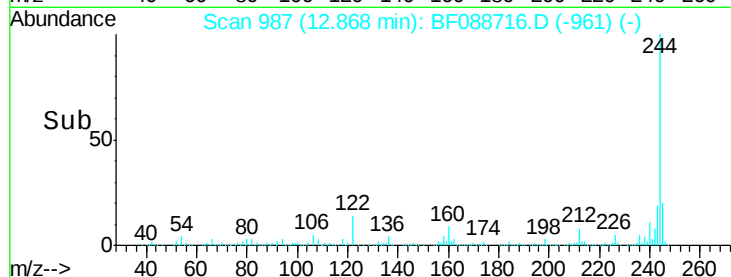
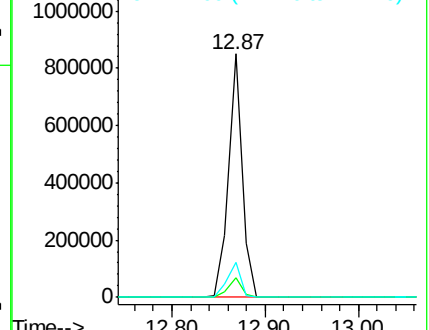
122 14.2 11.2 16.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 22.15 ng

RT: 13.35 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

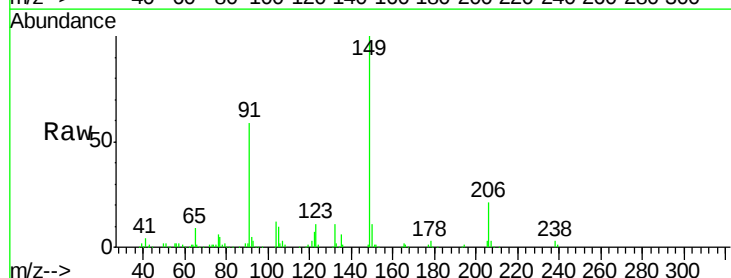
Tgt Ion:149 Resp: 215505

Ion Ratio Lower Upper

149 100

91 58.9 48.0 72.0

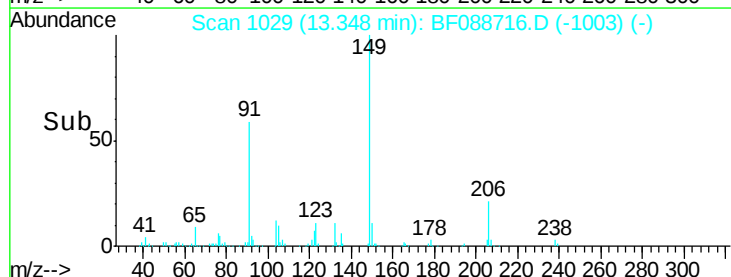
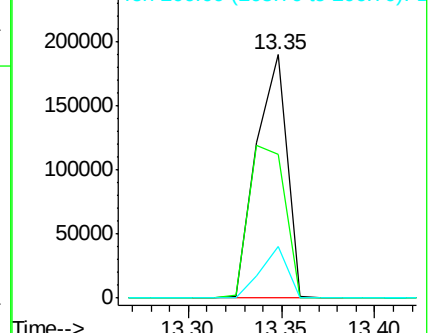
206 21.4 16.0 24.0

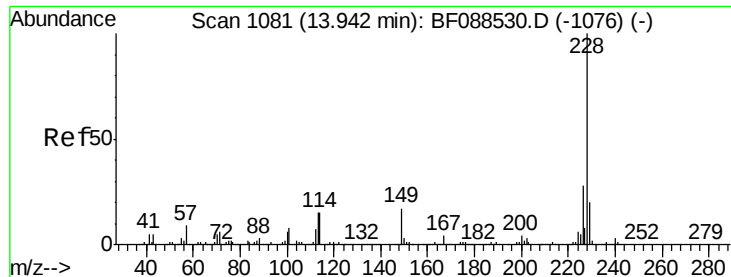


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 22.27 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

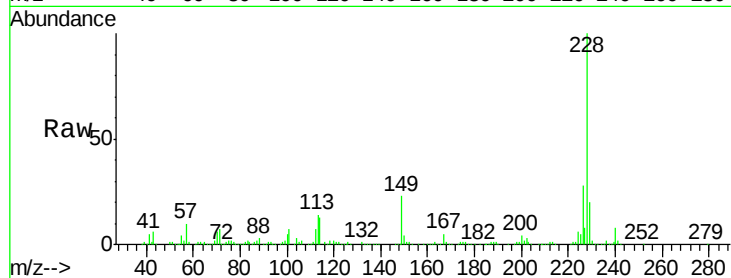
Tgt Ion:228 Resp: 368851

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

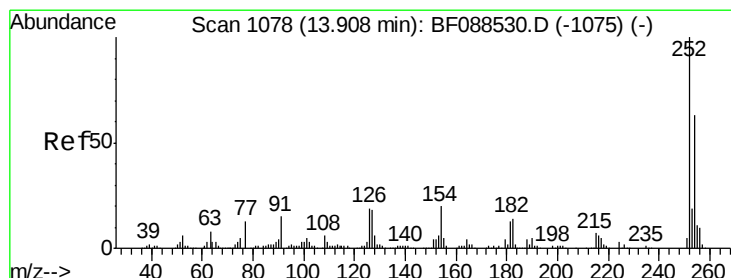
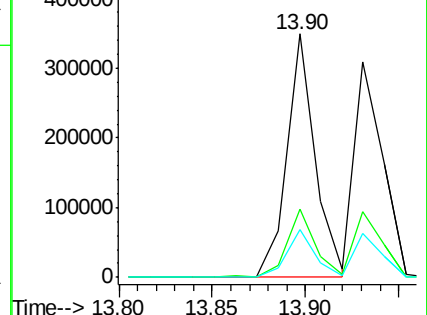
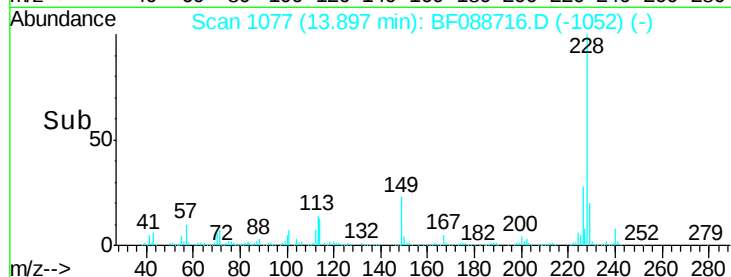
229 19.8 16.0 24.0



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: 13.56 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

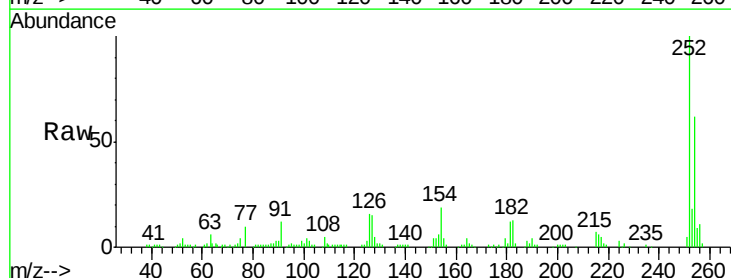
Tgt Ion:252 Resp: 84471

Ion Ratio Lower Upper

252 100

254 62.4 52.6 78.8

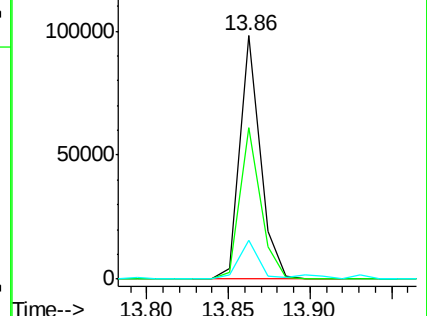
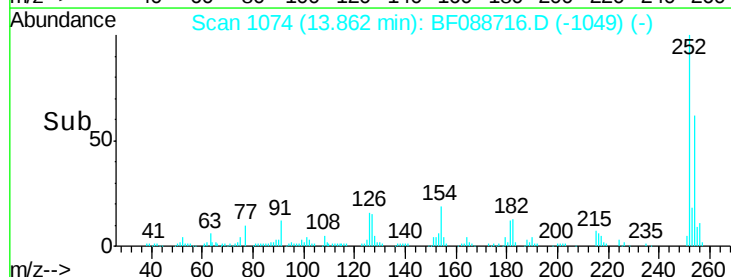
126 15.8 6.2 9.2#

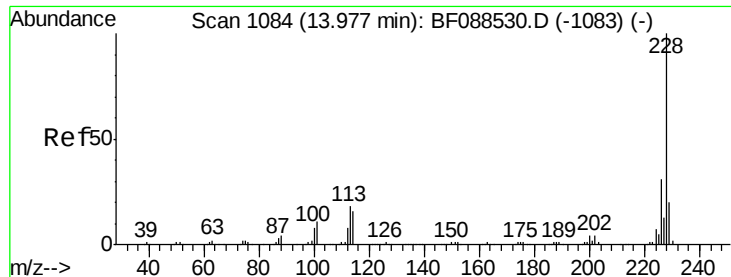


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 20.12 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

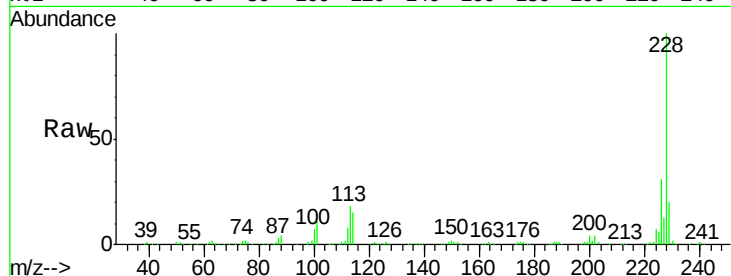
Tgt Ion: 228 Resp: 329757

Ion Ratio Lower Upper

228 100

226 30.6 25.4 38.2

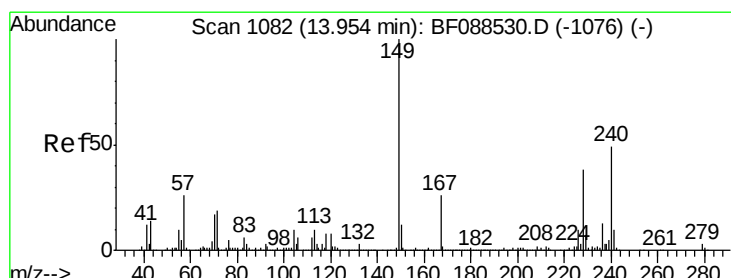
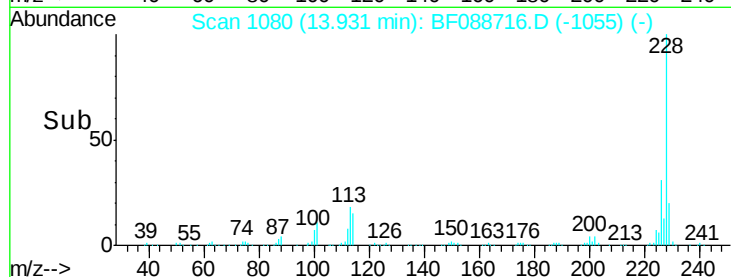
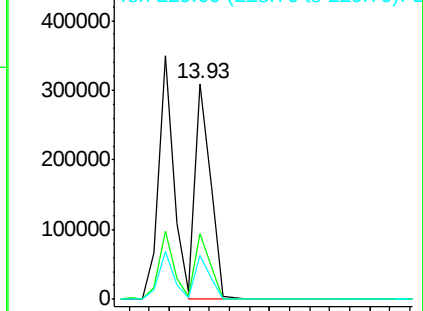
229 20.2 16.3 24.5



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: 27.41 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

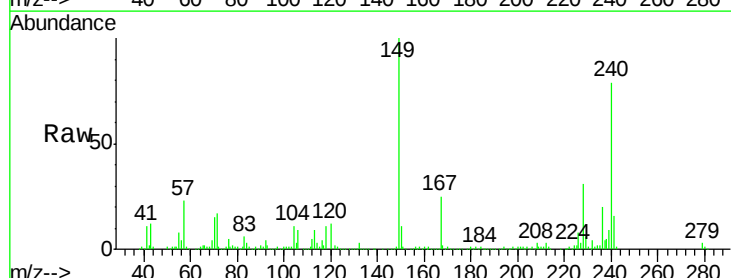
Tgt Ion: 149 Resp: 304487

Ion Ratio Lower Upper

149 100

167 25.3 20.5 30.7

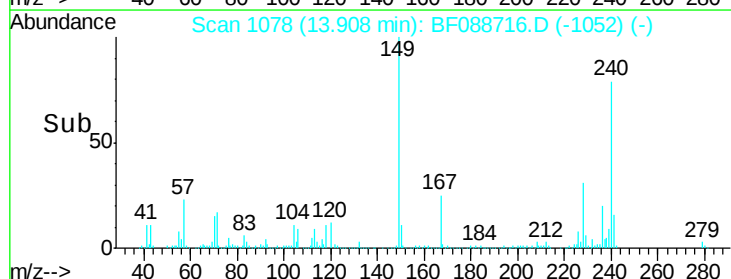
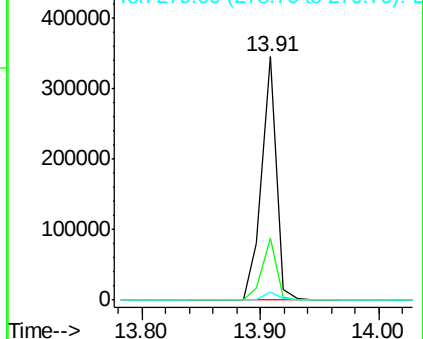
279 3.1 2.0 3.0#

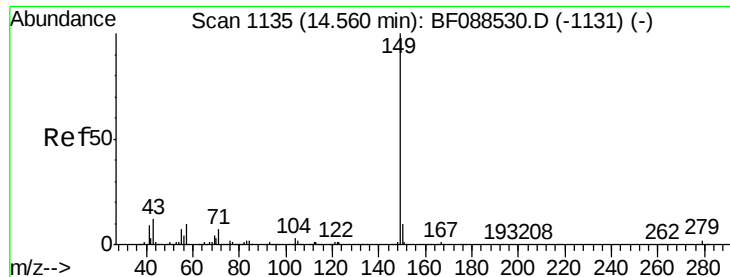


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 22.10 ng

RT: 14.51 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

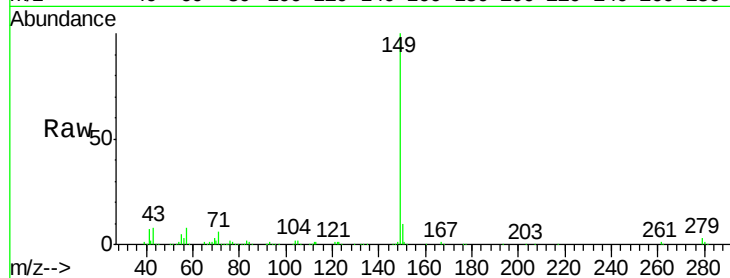
Tgt Ion:149 Resp: 417127

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

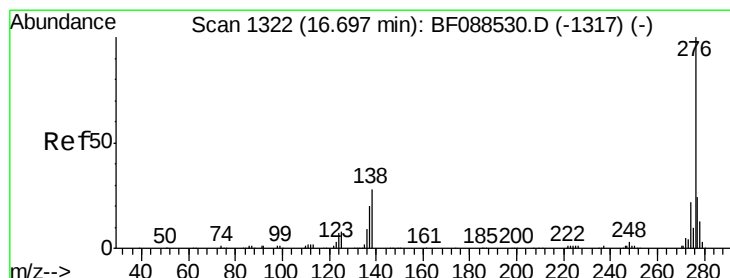
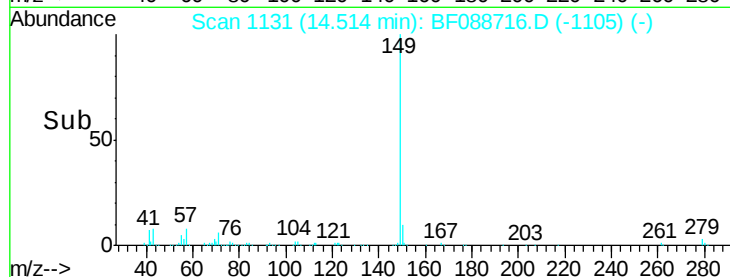
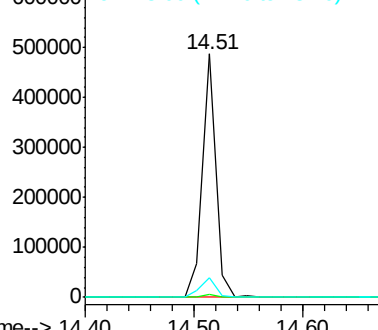
43 9.1 0.0 0.0#



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: 21.78 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

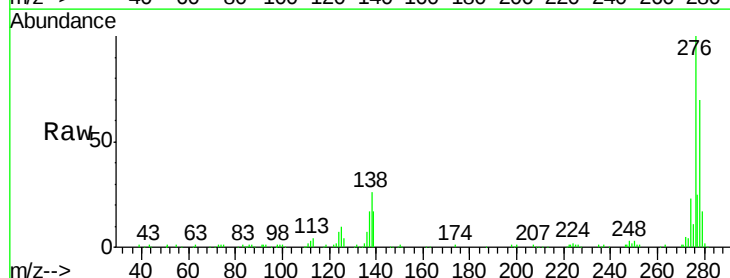
Tgt Ion:276 Resp: 274672

Ion Ratio Lower Upper

276 100

138 28.6 0.0 0.0#

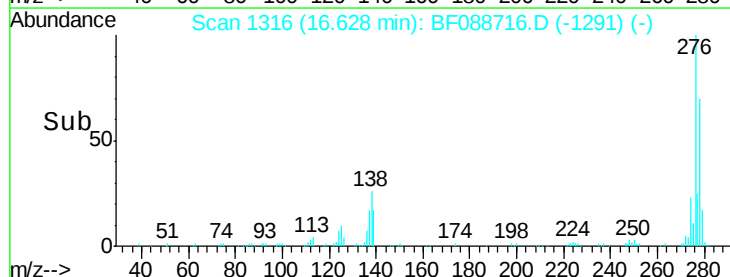
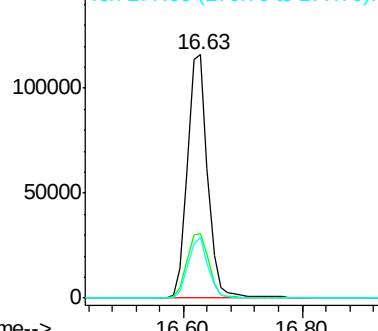
277 24.6 0.0 0.0#

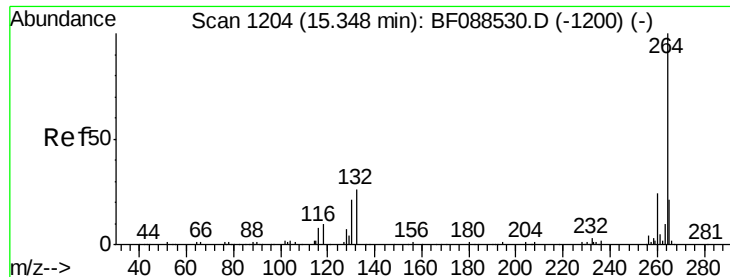


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

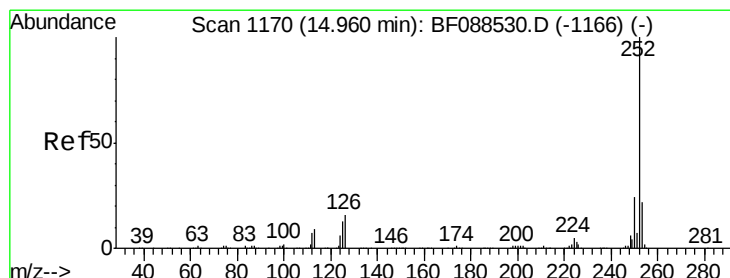
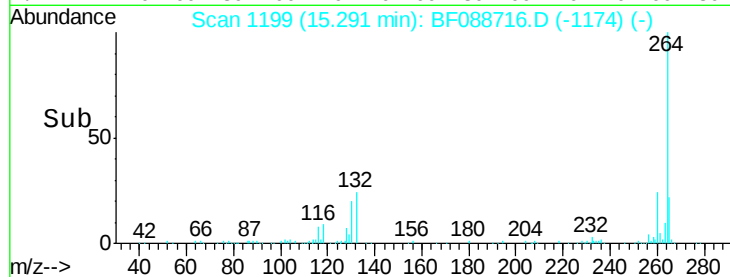
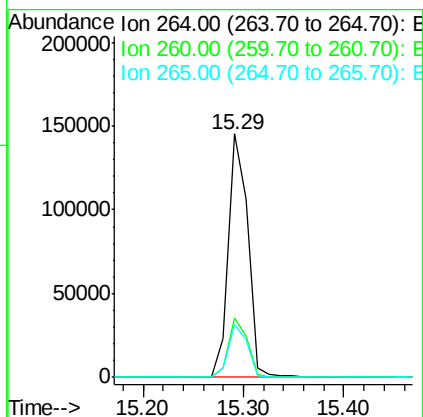
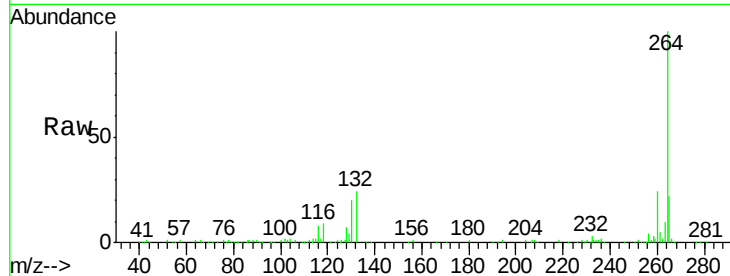




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

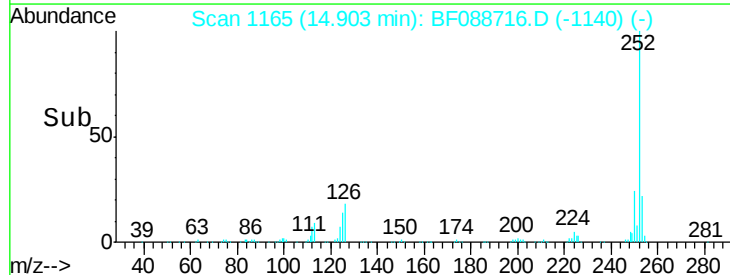
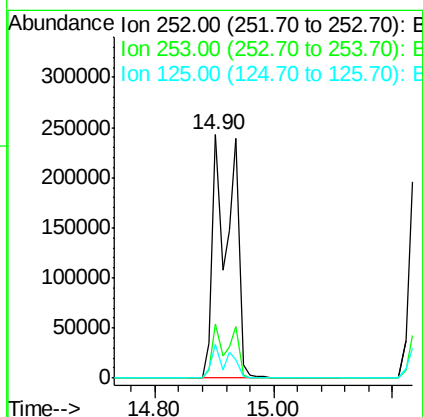
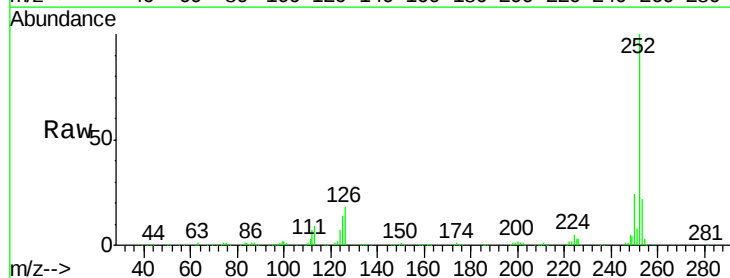
Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tgt Ion:264 Resp: 195141
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.7 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 44.66 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion:252 Resp: 546714
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 13.7 7.1 10.7#

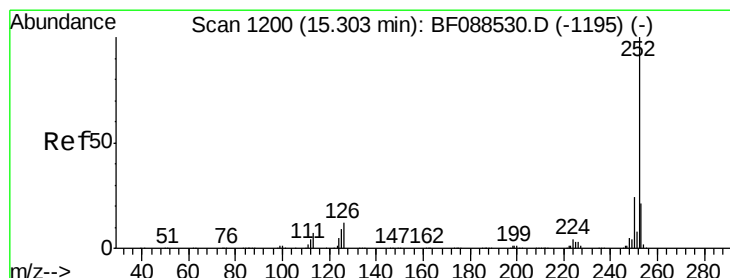
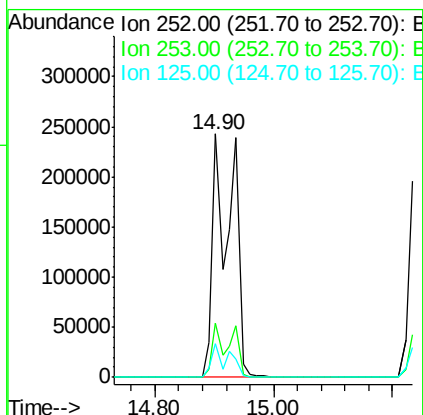
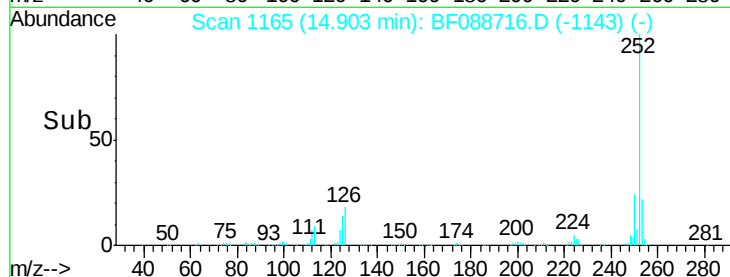
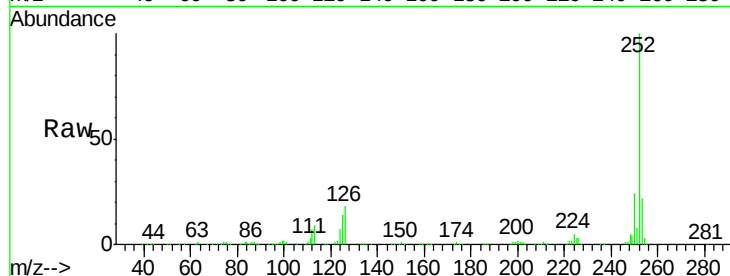




#88
Benzo(k)fluoranthene
Concen: 51.30 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

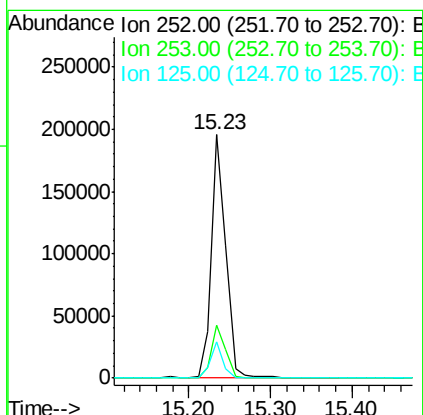
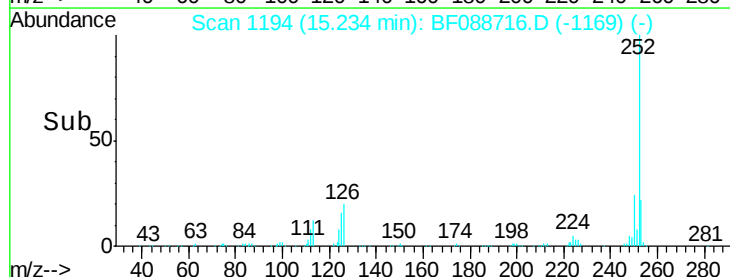
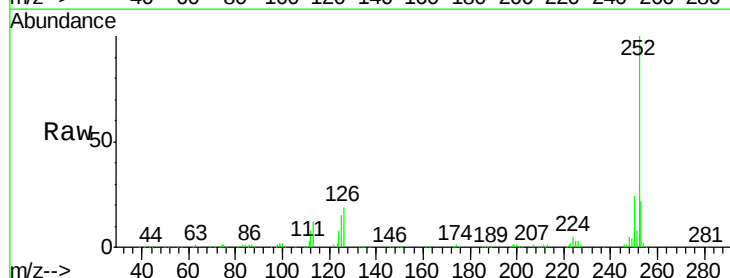
Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

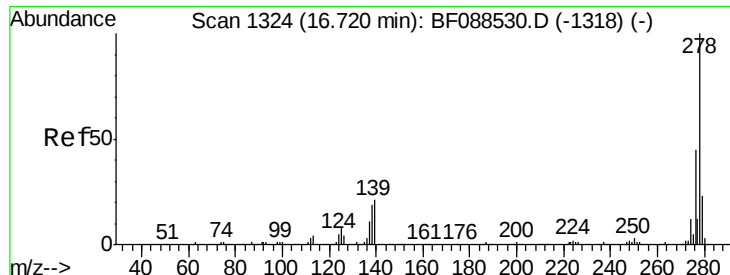
Tgt Ion:252 Resp: 546714
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 13.7 11.2 16.8



#89
Benzo(a)pyrene
Concen: 23.61 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion:252 Resp: 244662
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 15.1 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 26.38 ng

RT: 16.64 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

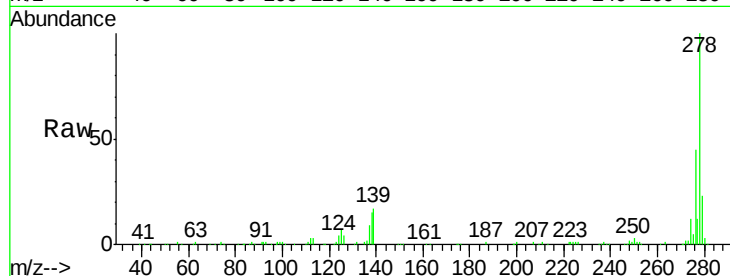
Tgt Ion:278 Resp: 228297

Ion Ratio Lower Upper

278 100

139 17.2 15.7 23.5

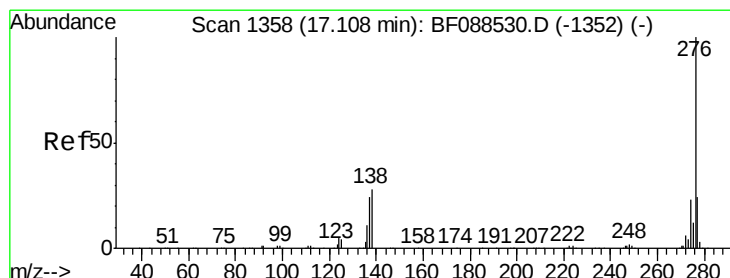
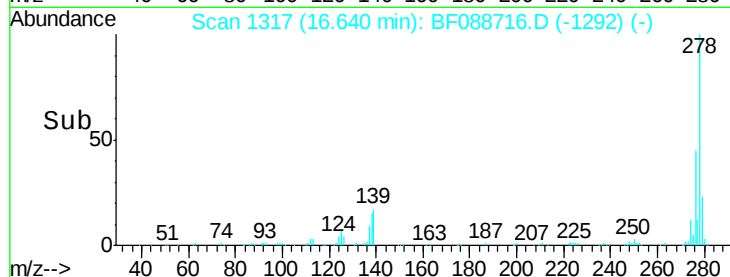
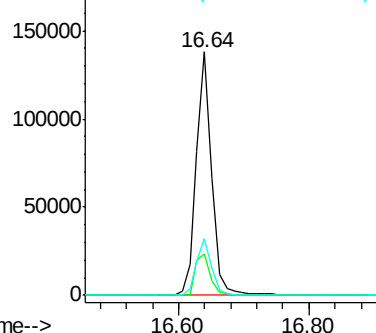
279 23.4 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 26.13 ng

RT: 17.02 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

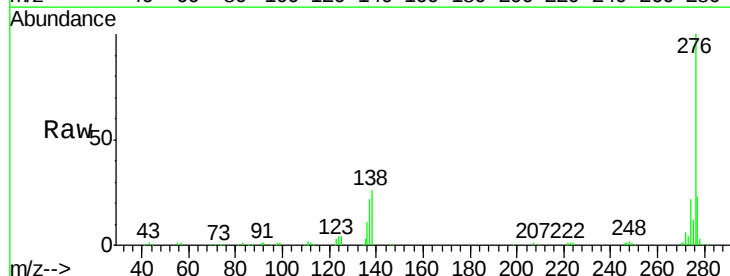
Tgt Ion:276 Resp: 233987

Ion Ratio Lower Upper

276 100

277 23.0 18.9 28.3

138 26.0 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

