

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083416.D
 Acq On : 2 Dec 2015 14:09
 Operator : UM/IZ
 Sample : G4582-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

Quant Time: Dec 03 02:41:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	640946	20.00	ng	0.16
21) Naphthalene-d8	7.84	136	639938	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	309629	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	571972	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	470786	20.00	ng	-0.02
86) Perylene-d12	16.80	264	350738	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1449060	33.92	ng	0.01
7) Phenol-d6	6.22	99	1957512	33.48	ng	0.00
23) Nitrobenzene-d5	7.12	82	1323309	90.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	411846	132.50	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1872686	86.19	ng	-0.01
78) Terphenyl-d14	13.21	244	1796929	91.03	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	192101	8.31	ng	# 93
3) Pyridine	2.61	79	635817	10.99	ng	94
4) n-Nitrosodimethylamine	2.57	42	328963	11.55	ng	94
6) Aniline	6.21	93	640930	8.01	ng	98
8) 2-Chlorophenol	6.34	128	584689	12.41	ng	97
9) Benzaldehyde	6.08	77	276461	7.47	ng	92
10) Phenol	6.24	94	823239	11.70	ng	89
11) bis(2-Chloroethyl)ether	6.29	93	634899	12.41	ng	94
12) 1,3-Dichlorobenzene	6.72	146	553983	10.58	ng	98
13) 1,4-Dichlorobenzene	6.72	146	553983	10.23	ng	99
14) 1,2-Dichlorobenzene	6.72	146	553983	11.15	ng	96
15) Benzyl Alcohol	6.72	79	570397	12.62	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	1028375	11.45	ng	# 51
17) 2-Methylphenol	6.84	107	494567	12.59	ng	95
19) n-Nitroso-di-n-propylamine	6.98	70	463711	11.10	ng	92
20) 3+4-Methylphenols	7.00	107	688395	12.94	ng	98
22) Acetophenone	6.97	105	857611	44.79	ng	# 96
24) Nitrobenzene	7.14	77	714839	45.98	ng	90
25) Isophorone	7.38	82	1246760	44.21	ng	98
26) 2-Nitrophenol	7.46	139	324260	51.10	ng	# 80
27) 2,4-Dimethylphenol	7.52	122	504003	47.38	ng	95
28) bis(2-Chloroethoxy)methane	7.61	93	773576	48.17	ng	99
29) 2,4-Dichlorophenol	7.71	162	494333	48.32	ng	95
30) 1,2,4-Trichlorobenzene	7.78	180	484272	43.49	ng	98
31) Naphthalene	7.86	128	2209326	63.63	ng	99
32) Benzoic acid	7.63	122	39443	5.38	ng	93
33) 4-Chloroaniline	7.92	127	314283	21.00	ng	94
34) Hexachlorobutadiene	7.98	225	272578	43.11	ng	98
35) Caprolactam	8.30	113	87588	27.09	ng	89
36) 4-Chloro-3-methylphenol	8.43	107	564607	49.20	ng	89
37) 2-Methylnaphthalene	8.54	142	1026157	44.22	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	461366	47.01	ng	98
40) Hexachlorocyclopentadiene	8.70	237	387588	83.13	ng	98
42) 2,4,6-Trichlorophenol	8.84	196	341651	49.62	ng	97

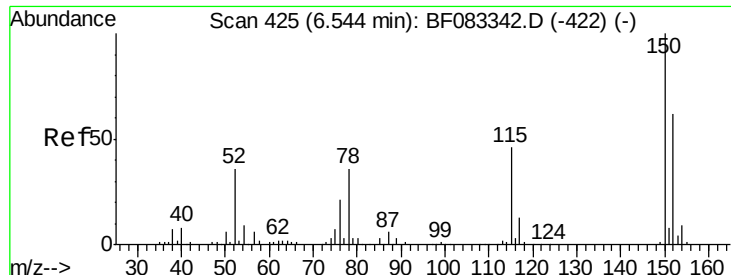
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.89	196	356449	49.97	ng	97
45) 1,1'-Biphenyl	9.01	154	1288235	47.45	ng	97
46) 2-Chloronaphthalene	9.04	162	989065	47.80	ng	93
47) 2-Nitroaniline	9.14	65	382880	46.72	ng	# 82
48) Acenaphthylene	9.44	152	1517990	45.99	ng	100
49) Dimethylphthalate	9.33	163	1617188	64.27	ng	99
50) 2,6-Dinitrotoluene	9.39	165	269899	50.23	ng	# 69
51) Acenaphthene	9.62	154	985711	50.78	ng	98
52) 3-Nitroaniline	9.55	138	168791	26.80	ng	89
53) 2,4-Dinitrophenol	9.66	184	91978	32.60	ng	# 73
54) Dibenzofuran	9.79	168	1368159	48.09	ng	92
55) 4-Nitrophenol	9.76	139	403589	102.44	ng	# 81
56) 2,4-Dinitrotoluene	9.79	165	363607	53.33	ng	# 70
57) Fluorene	10.12	166	1011041	45.01	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	283914	49.33	ng	96
59) Diethylphthalate	10.03	149	1124307	46.88	ng	97
60) 4-Chlorophenyl-phenylether	10.12	204	436636	42.30	ng	92
61) 4-Nitroaniline	10.17	138	251828	39.96	ng	91
62) Azobenzene	10.28	77	1341101	46.29	ng	98
64) 4,6-Dinitro-2-methylphenol	10.19	198	153143	39.88	ng	# 60
65) n-Nitrosodiphenylamine	10.25	169	909613	45.26	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	297573	47.56	ng	95
67) Hexachlorobenzene	10.69	284	323953	46.83	ng	96
68) Atrazine	10.82	200	307289	55.28	ng	99
69) Pentachlorophenol	10.91	266	347814	95.98	ng	97
70) Phenanthrene	11.15	178	1654179	48.87	ng	99
71) Anthracene	11.21	178	1588224	46.61	ng	100
72) Carbazole	11.40	167	1390894	45.43	ng	99
73) Di-n-butylphthalate	11.85	149	1739283	47.93	ng	100
74) Fluoranthene	12.65	202	1578104	44.98	ng	98
76) Benzidine	12.85	184	619159	44.16	ng	97
77) Pyrene	12.96	202	1636010	49.76	ng	98
79) Butylbenzylphthalate	13.95	149	719463	51.58	ng	87
80) Benzo(a)anthracene	14.73	228	1345965	46.67	ng	99
81) 3,3'-Dichlorobenzidine	14.72	252	297718	33.05	ng	# 98
82) Chrysene	14.79	228	1240821	44.53	ng	99
83) Bis(2-ethylhexyl)phthalate	14.85	149	990440	52.94	ng	99
84) Di-n-octyl phthalate	15.83	149	1502874	53.94	ng	99
85) Indeno(1,2,3-cd)pyrene	18.18	276	1025952	50.55	ng	99
87) Benzo(b)fluoranthene	16.33	252	954582	42.42	ng	97
88) Benzo(k)fluoranthene	16.33	252	954582	44.92	ng	98
89) Benzo(a)pyrene	16.73	252	907827	46.96	ng	98
90) Dibenzo(a,h)anthracene	18.20	278	864031	51.30	ng	99
91) Benzo(g,h,i)perylene	18.56	276	856984	51.84	ng	98

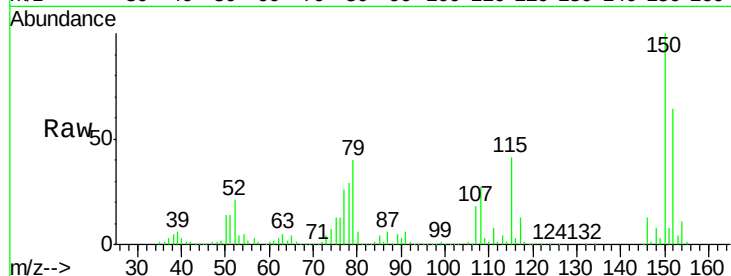
(#) = qualifier out of range (m) = manual integration (+) = signals summed



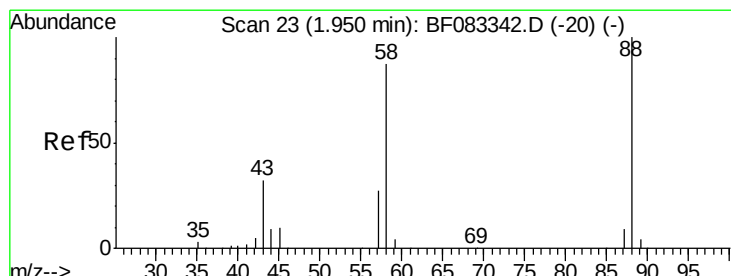
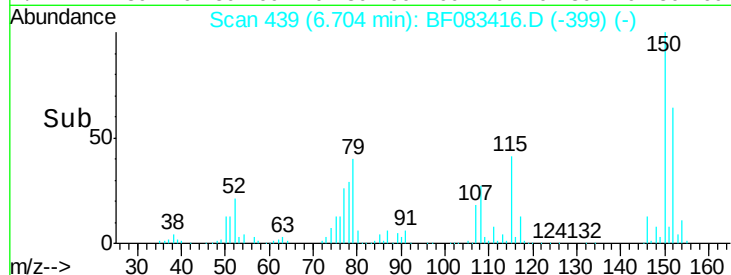
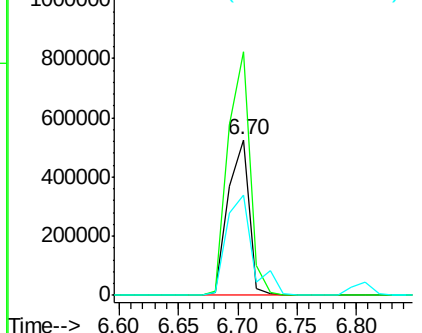
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 439
 Delta R.T. 0.16 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

Tgt Ion:152 Resp: 640946
 Ion Ratio Lower Upper
 152 100
 150 156.2 129.8 194.8
 115 64.5 59.2 88.8

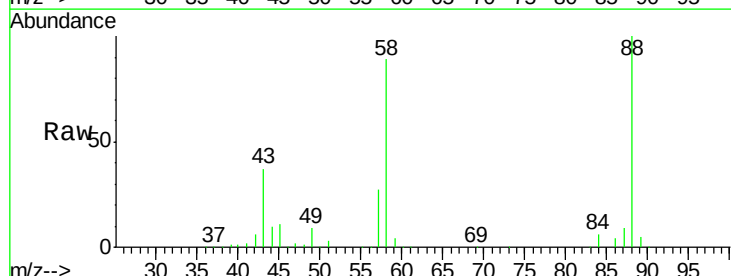


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

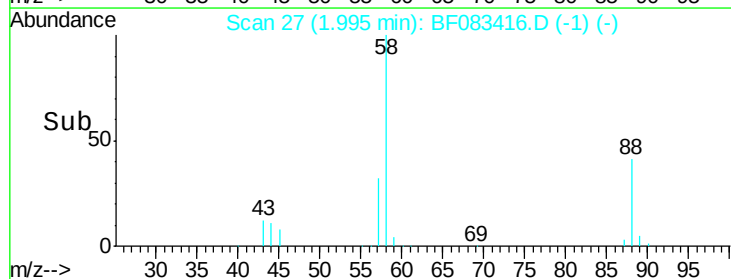
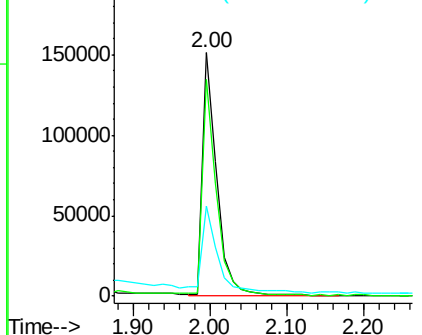


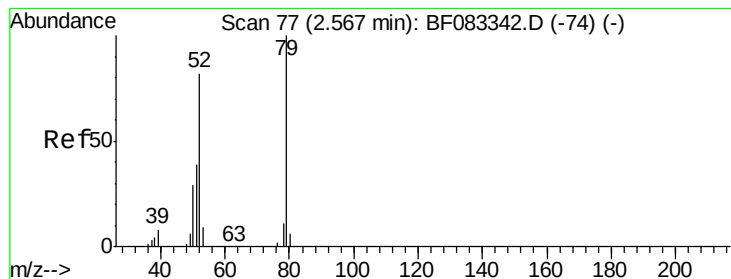
#2
 1,4-Dioxane
 Concen: 8.31 ng
 RT: 2.00 min Scan# 27
 Delta R.T. 0.05 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion: 88 Resp: 192101
 Ion Ratio Lower Upper
 88 100
 58 87.6 66.6 100.0
 43 41.9 27.1 40.7#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 10.99 ng

RT: 2.61 min Scan# 81

Delta R.T. 0.05 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

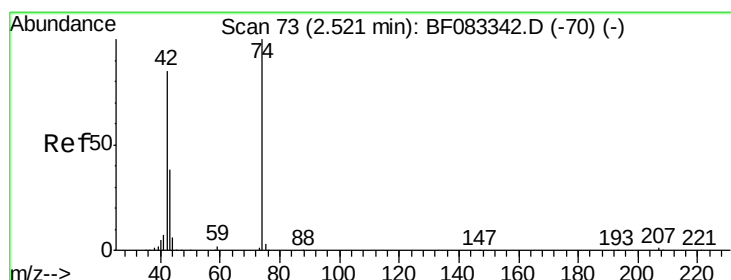
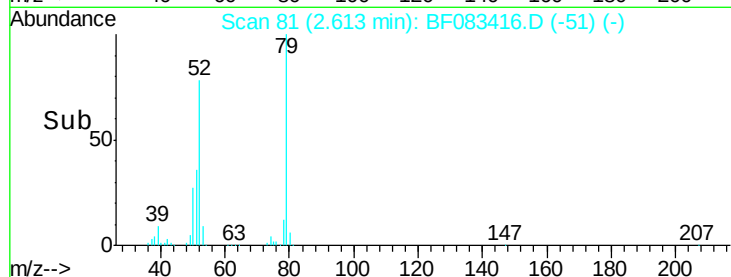
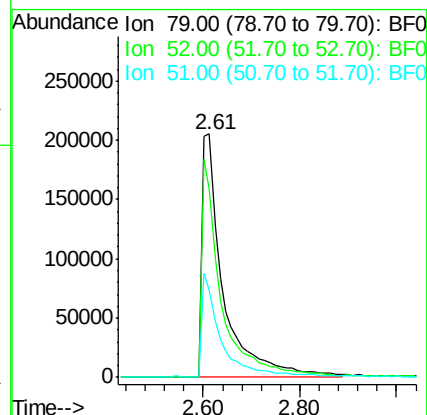
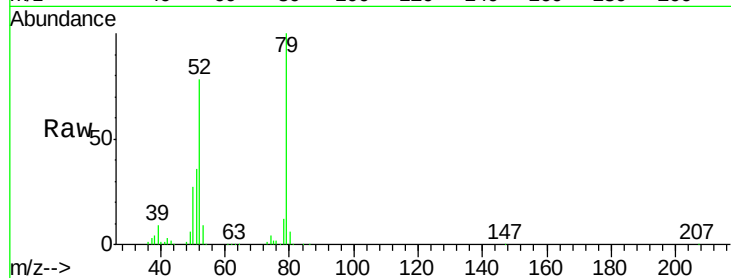
Tgt Ion: 79 Resp: 635817

Ion Ratio Lower Upper

79 100

52 77.6 65.9 98.9

51 36.2 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 11.55 ng

RT: 2.57 min Scan# 77

Delta R.T. 0.05 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

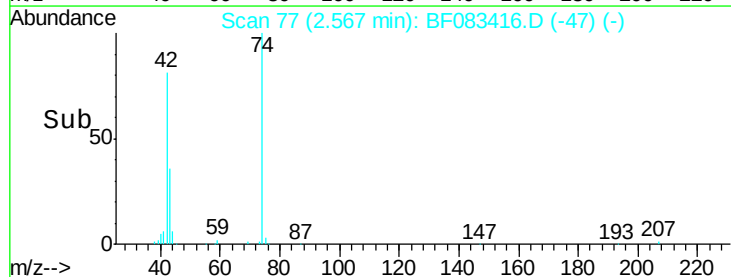
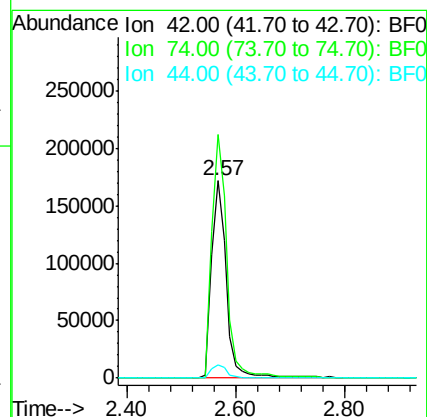
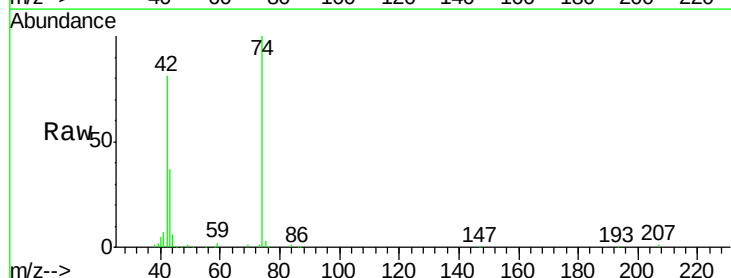
Tgt Ion: 42 Resp: 328963

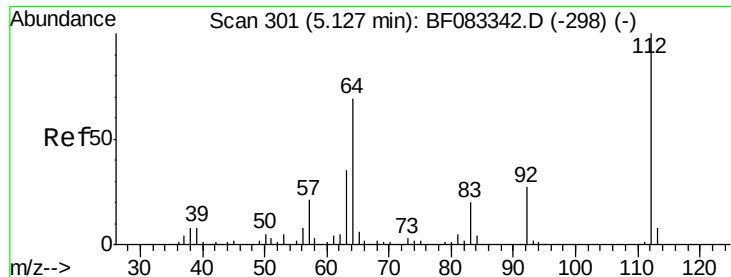
Ion Ratio Lower Upper

42 100

74 123.5 93.7 140.5

44 7.0 5.6 8.4





#5

2-Fluorophenol

Concen: 33.92 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

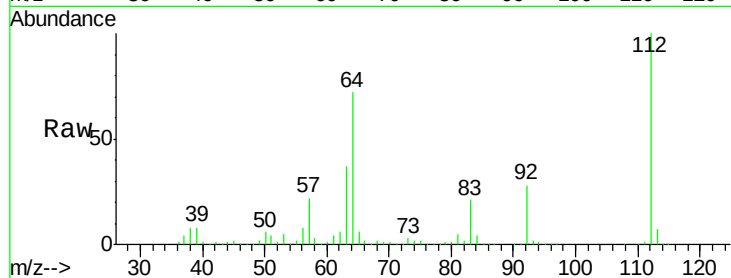
Tgt Ion: 112 Resp: 1449060

Ion Ratio Lower Upper

112 100

64 72.4 55.6 83.4

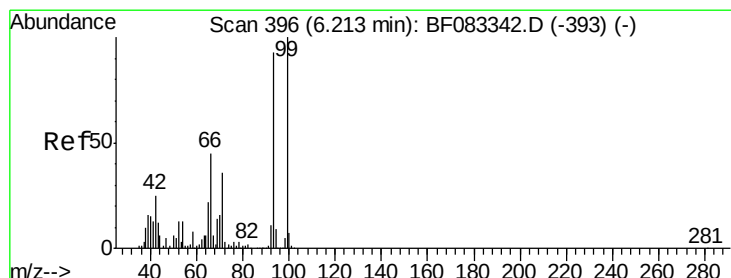
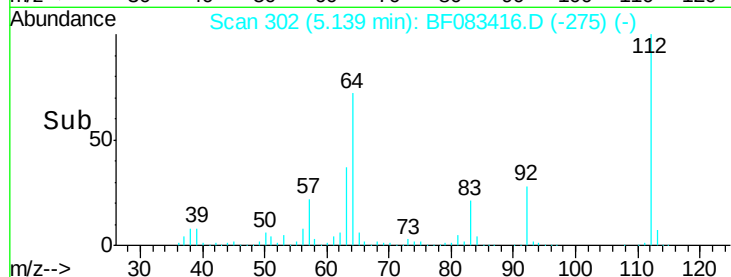
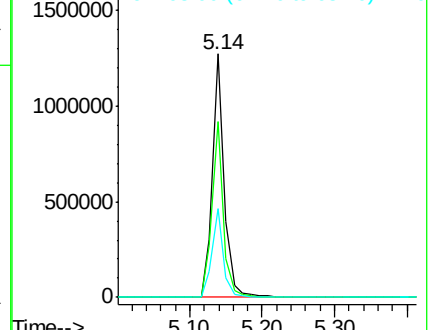
63 36.5 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.01 ng

RT: 6.21 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

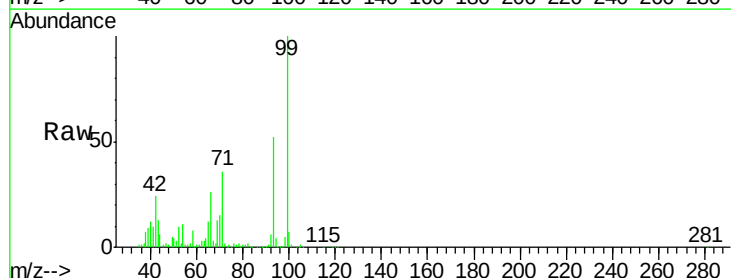
Tgt Ion: 93 Resp: 640930

Ion Ratio Lower Upper

93 100

66 49.2 38.7 58.1

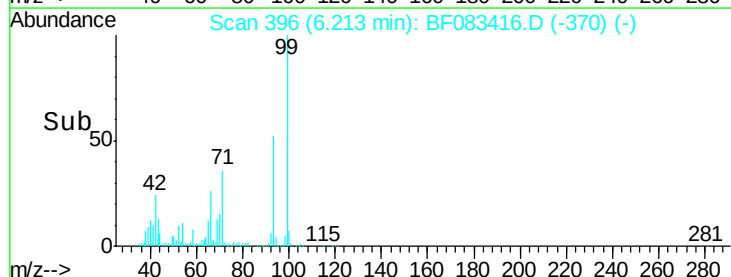
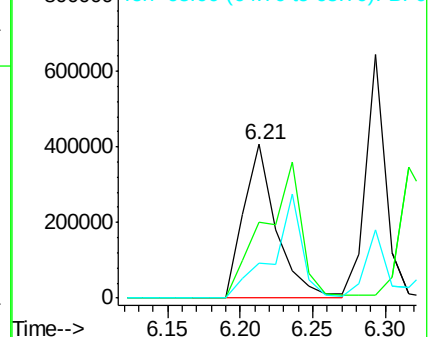
65 22.5 19.0 28.6

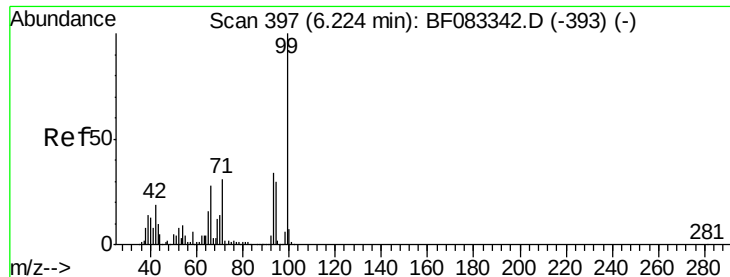


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 33.48 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

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ClientSampleId :

SB-P3WC-07(8-14)MS

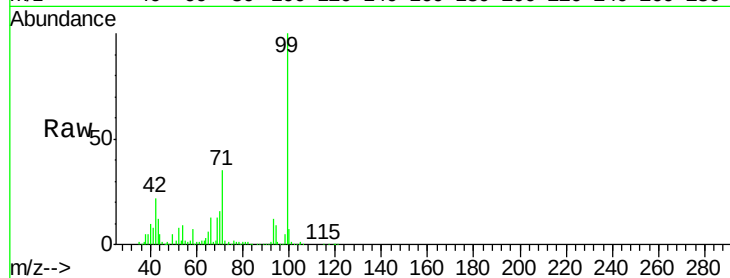
Tgt Ion: 99 Resp: 1957512

Ion Ratio Lower Upper

99 100

42 21.6 14.9 22.3

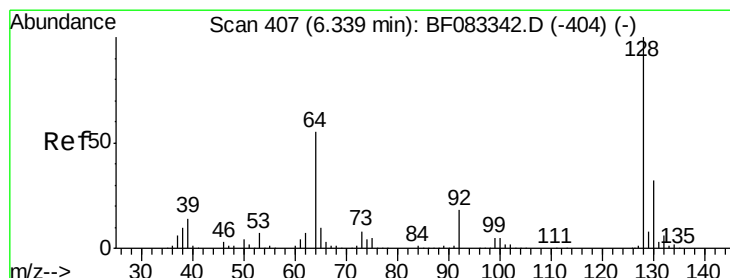
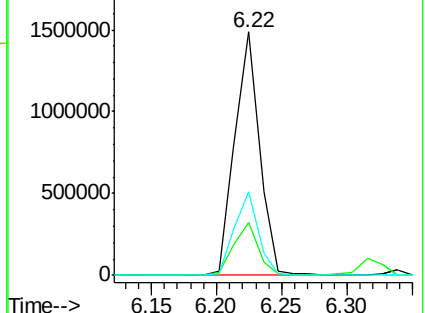
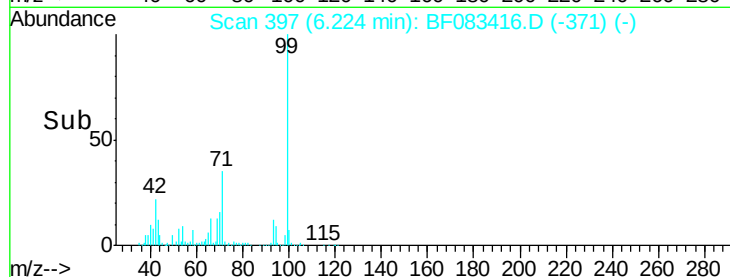
71 34.6 24.7 37.1



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: 12.41 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

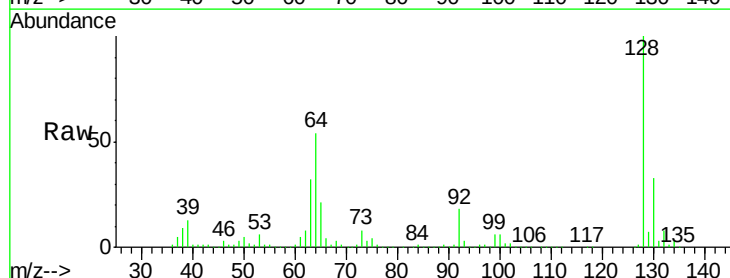
Tgt Ion: 128 Resp: 584689

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

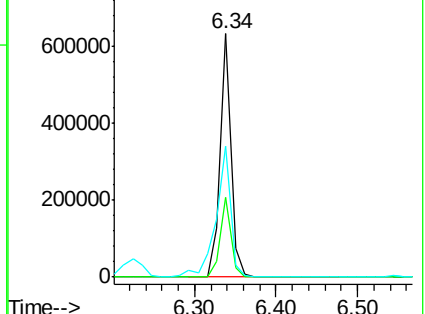
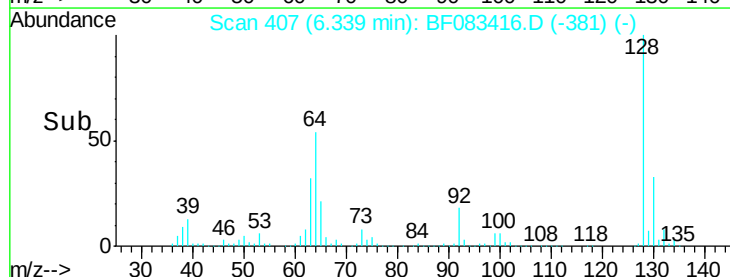
64 53.7 36.4 76.4

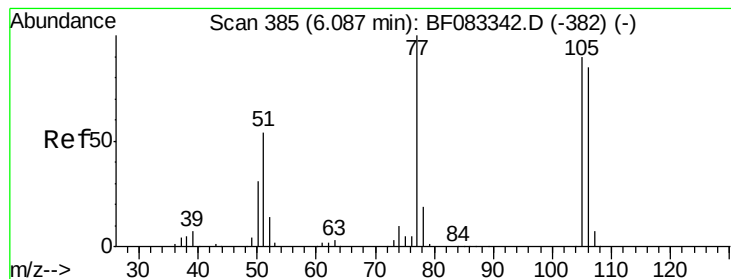


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.47 ng

RT: 6.08 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

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SB-P3WC-07(8-14)MS

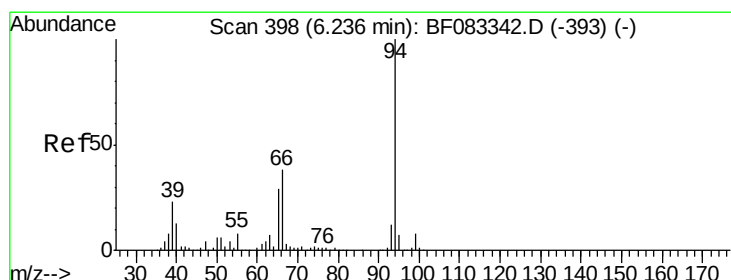
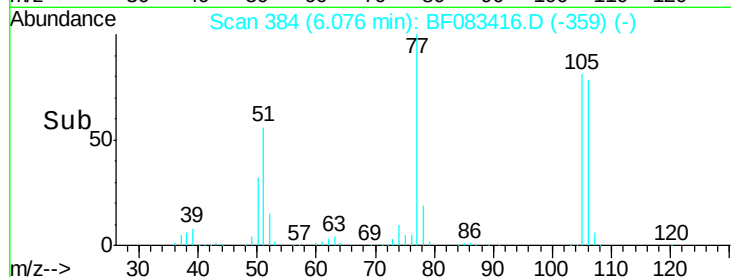
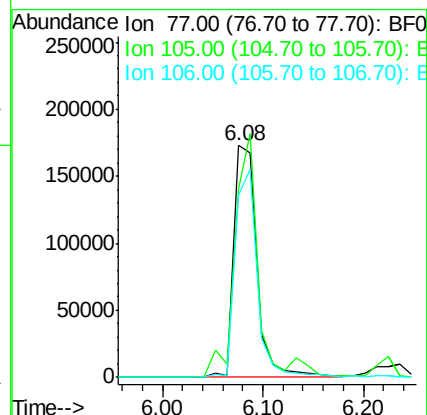
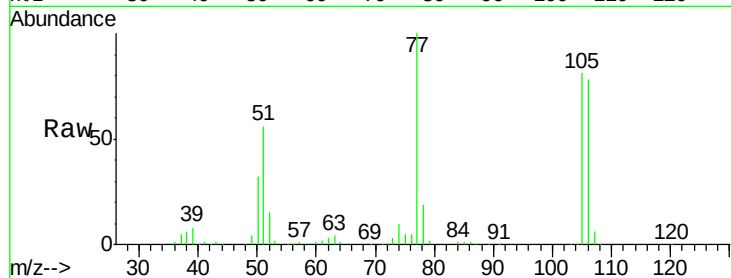
Tgt Ion: 77 Resp: 276461

Ion Ratio Lower Upper

77 100

105 81.1 70.0 110.0

106 78.4 65.0 105.0



#10

Phenol

Concen: 11.70 ng

RT: 6.24 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

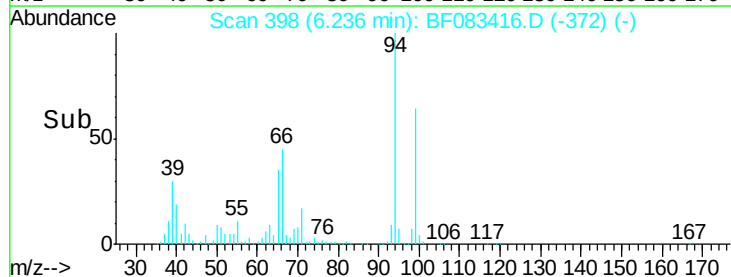
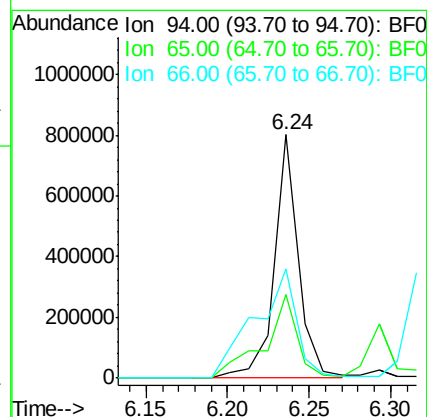
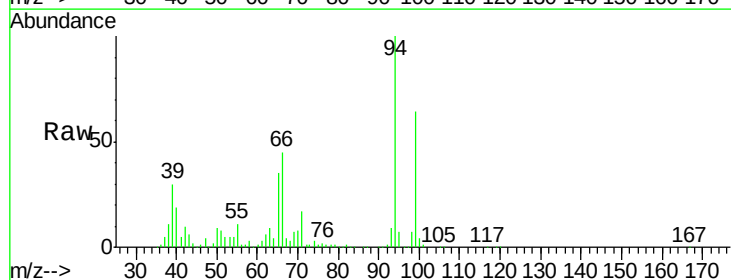
Tgt Ion: 94 Resp: 823239

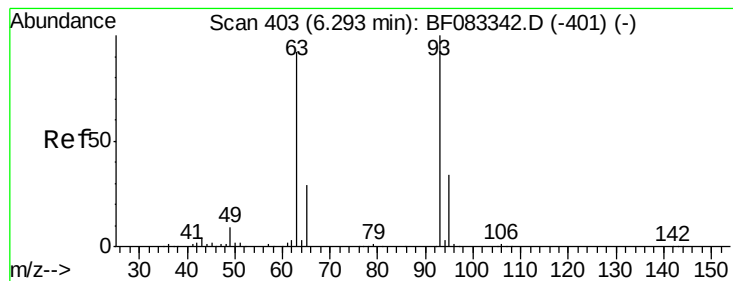
Ion Ratio Lower Upper

94 100

65 34.5 9.5 49.5

66 44.9 17.9 57.9





#11

bis(2-Chloroethyl)ether

Concen: 12.41 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

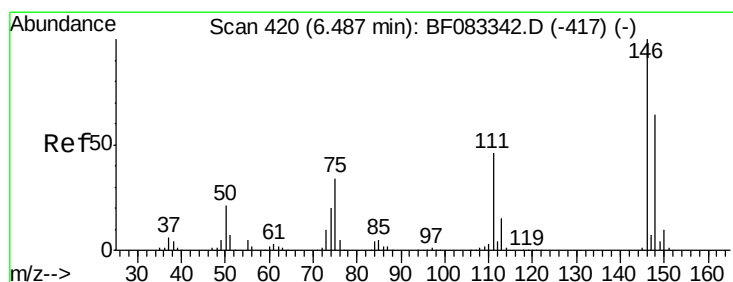
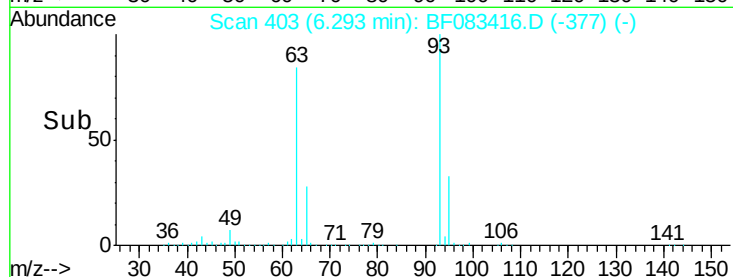
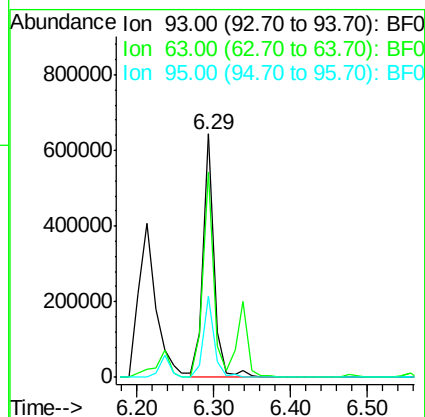
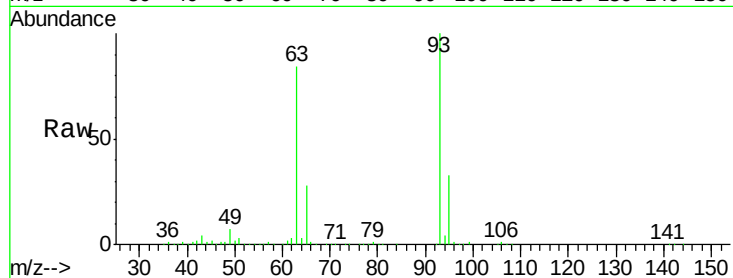
Tgt Ion: 93 Resp: 634899

Ion Ratio Lower Upper

93 100

63 84.4 71.4 111.4

95 33.1 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 10.58 ng

RT: 6.72 min Scan# 440

Delta R.T. 0.23 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

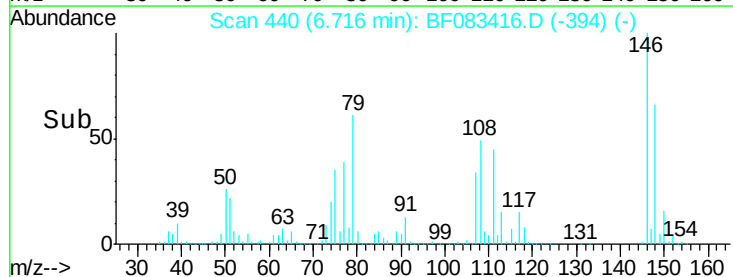
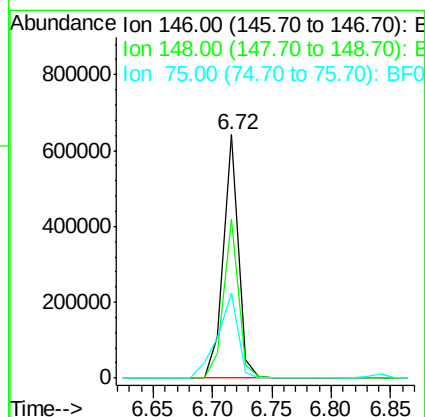
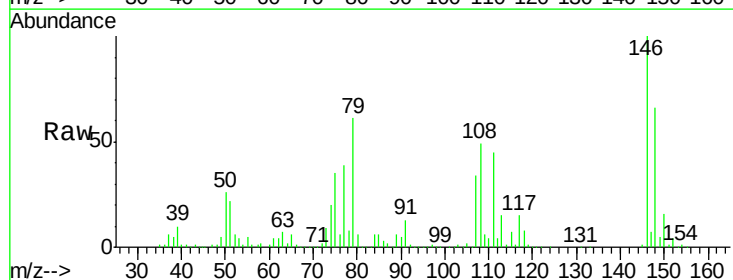
Tgt Ion: 146 Resp: 553983

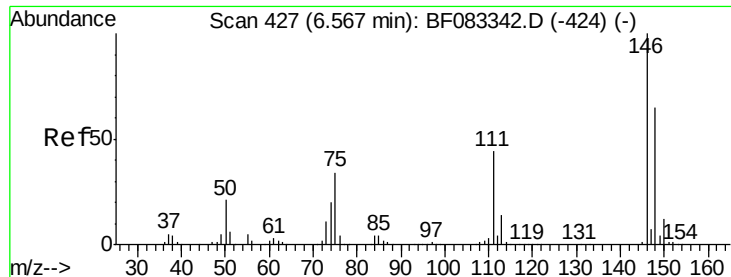
Ion Ratio Lower Upper

146 100

148 65.6 51.1 76.7

75 34.6 27.5 41.3

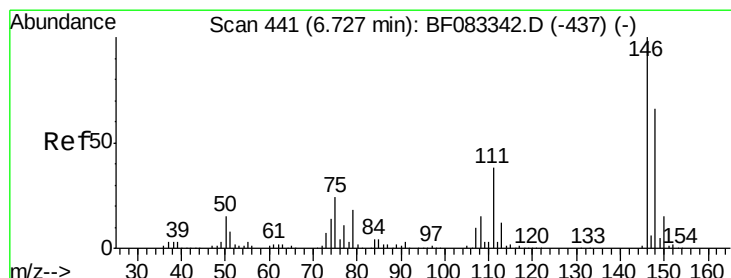
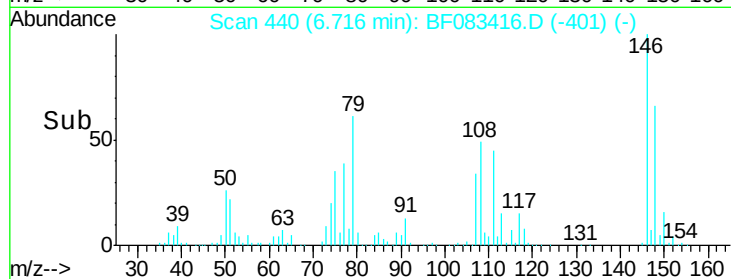
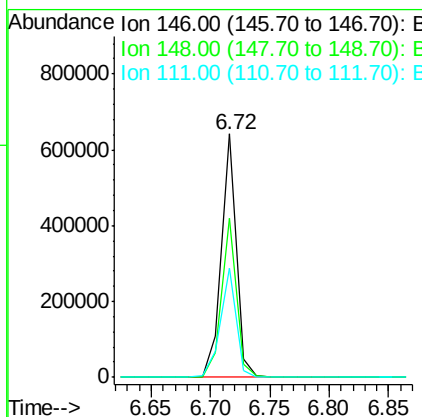
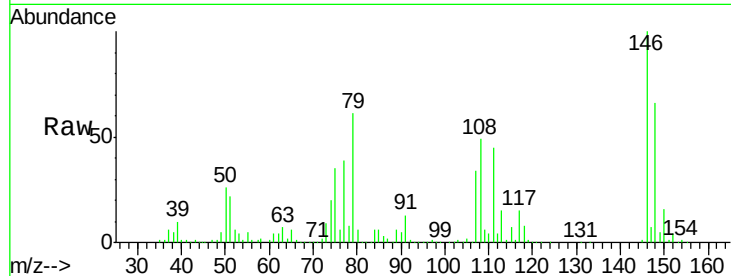




#13
 1,4-Dichlorobenzene
 Concen: 10.23 ng
 RT: 6.72 min Scan# 440
 Delta R.T. 0.15 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

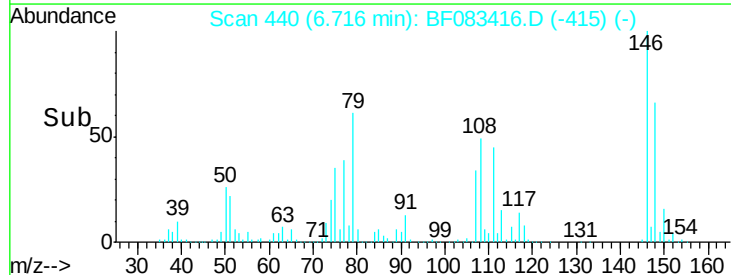
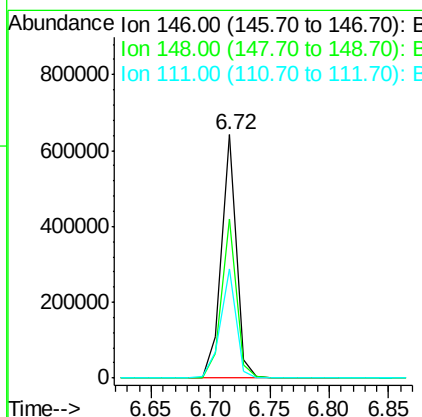
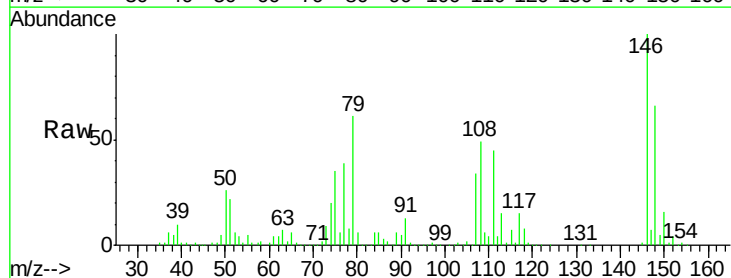
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

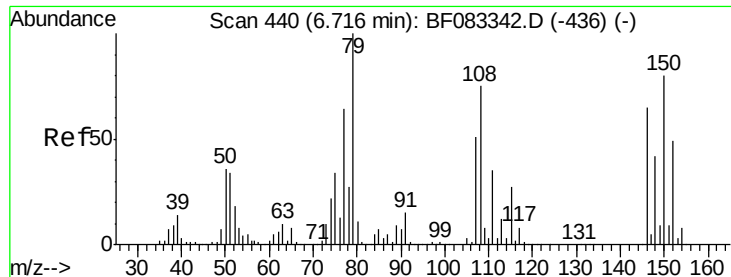
Tgt Ion:146 Resp: 553983
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.1 78.1
 111 44.8 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 11.15 ng
 RT: 6.72 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion:146 Resp: 553983
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.5 78.7
 111 44.8 30.6 46.0

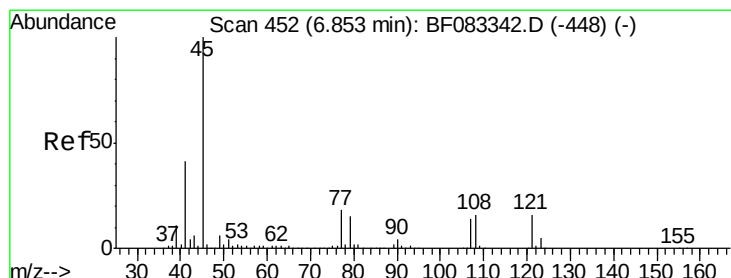
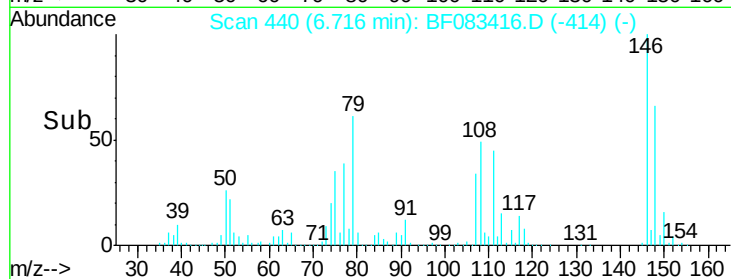
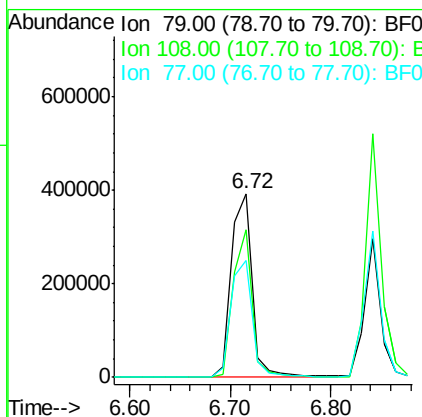
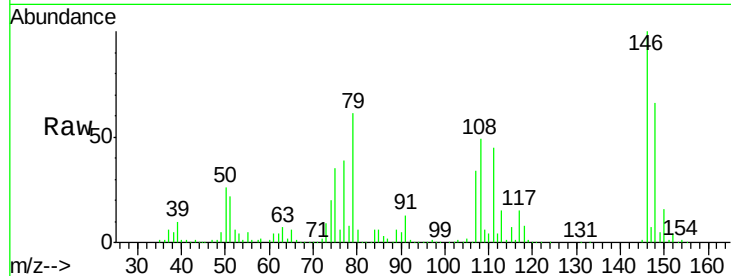




#15
Benzyl Alcohol
Concen: 12.62 ng
RT: 6.72 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

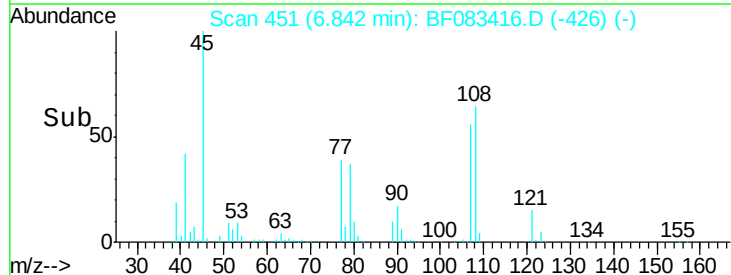
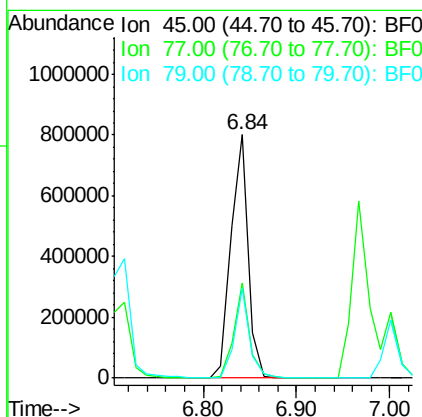
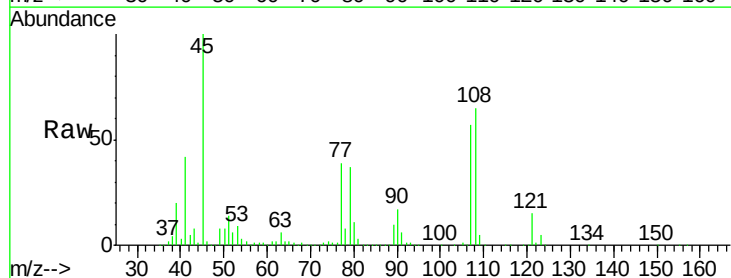
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

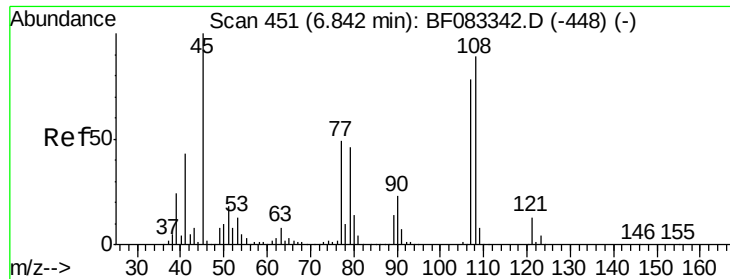
Tgt Ion: 79 Resp: 570397
Ion Ratio Lower Upper
79 100
108 80.2 59.9 89.9
77 63.4 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.45 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion: 45 Resp: 1028375
Ion Ratio Lower Upper
45 100
77 39.1 0.0 38.3#
79 37.0 0.0 35.4#

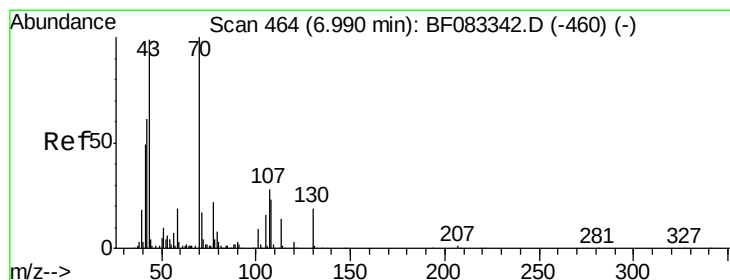
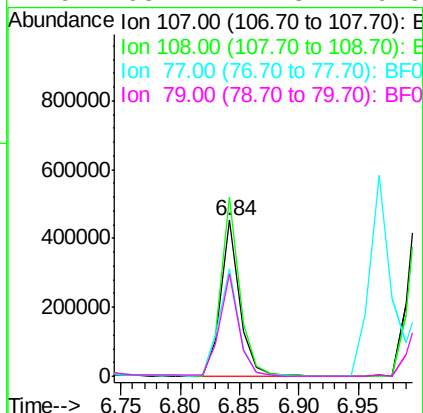
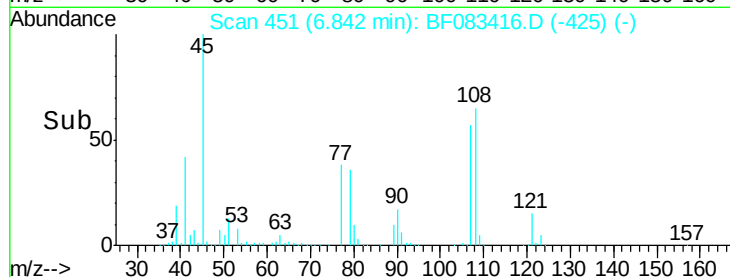
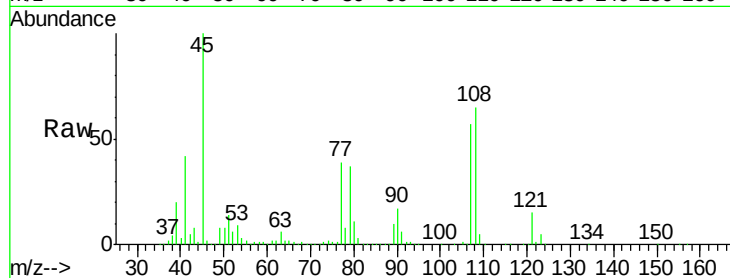




#17
2-Methylphenol
Concen: 12.59 ng
RT: 6.84 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

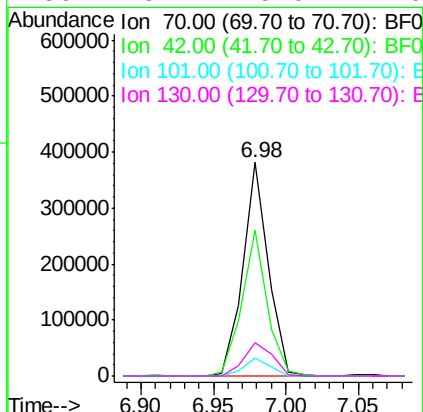
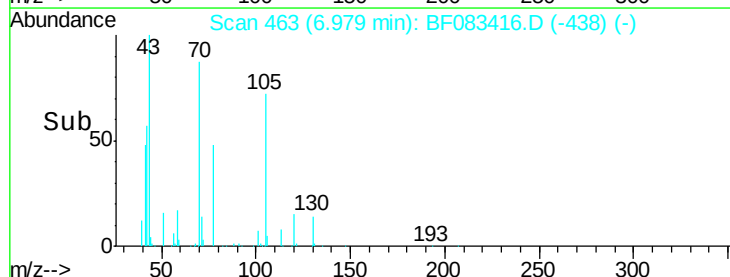
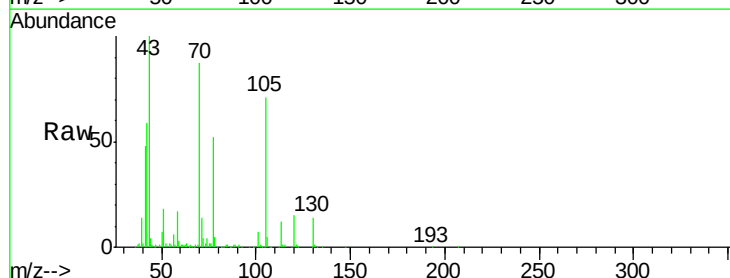
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

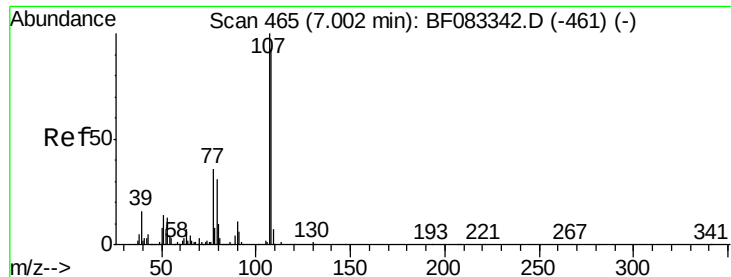
Tgt Ion:	107	Resp:	494567
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.6	137.4
77	69.2	49.9	74.9
79	65.4	47.3	70.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.10 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion:	70	Resp:	463711
Ion	Ratio	Lower	Upper
70	100		
42	68.1	48.8	73.2
101	8.1	7.1	10.7
130	15.7	15.0	22.6

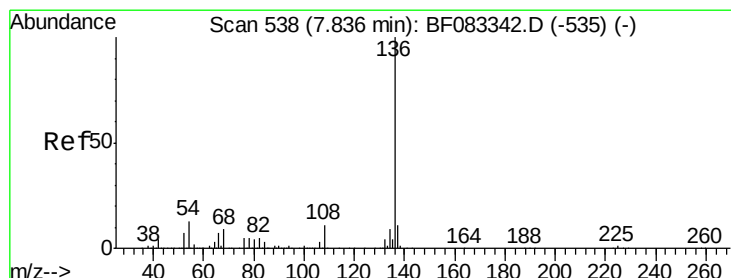
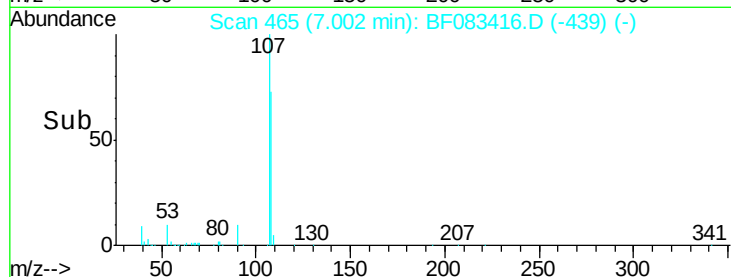
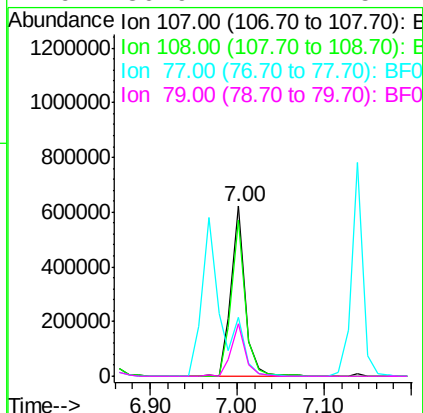
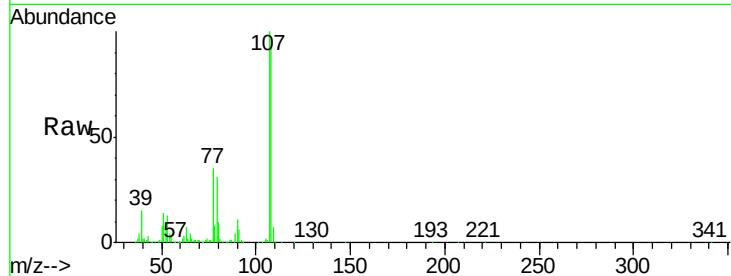




#20
3+4-Methylphenols
Concen: 12.94 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

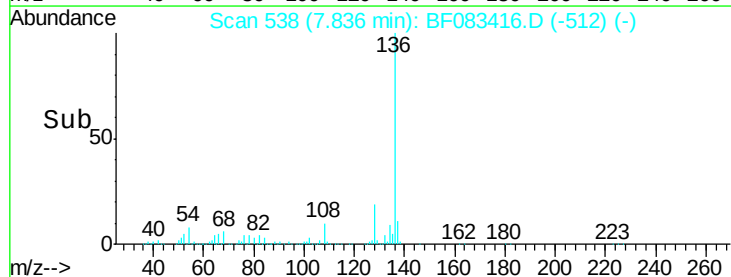
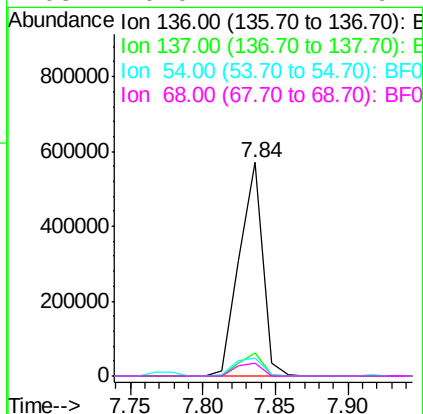
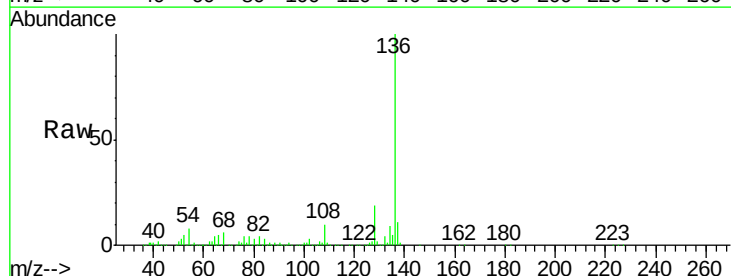
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

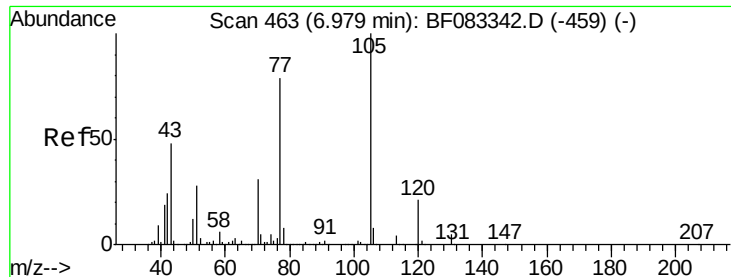
Tgt Ion:	107	Resp:	688395
Ion	Ratio	Lower	Upper
107	100		
108	91.7	73.0	113.0
77	35.0	16.8	56.8
79	30.9	11.4	51.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion:	136	Resp:	639938
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.2	10.1	15.1#
68	6.0	7.1	10.7#

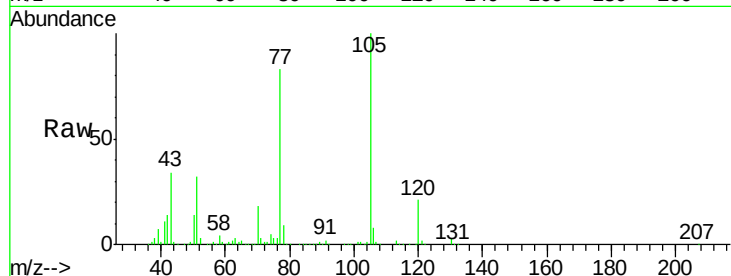




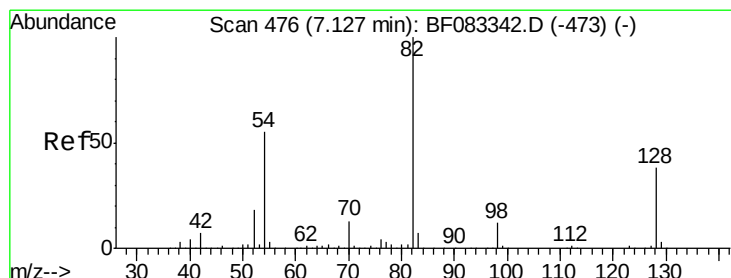
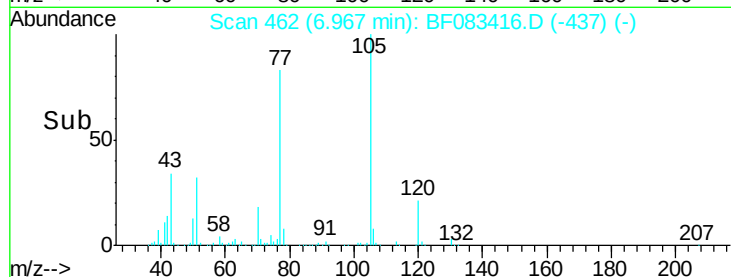
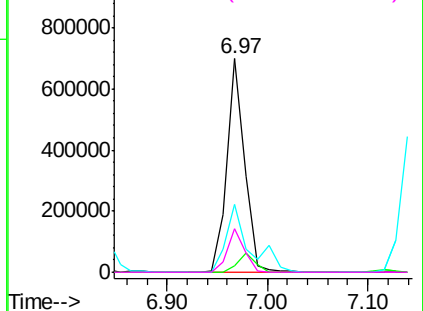
#22
Acetophenone
Concen: 44.79 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tgt Ion: 105 Resp: 857611
Ion Ratio Lower Upper
105 100
71 3.1 4.3 6.5#
51 31.6 22.9 34.3
120 20.6 16.7 25.1

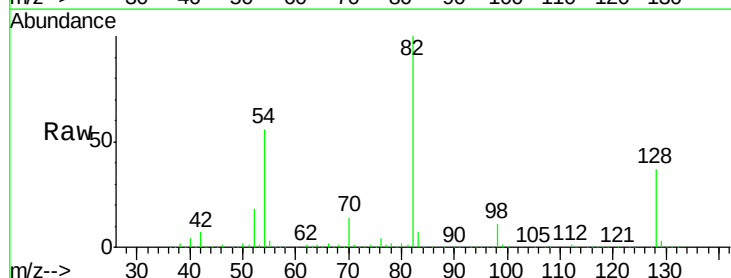


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

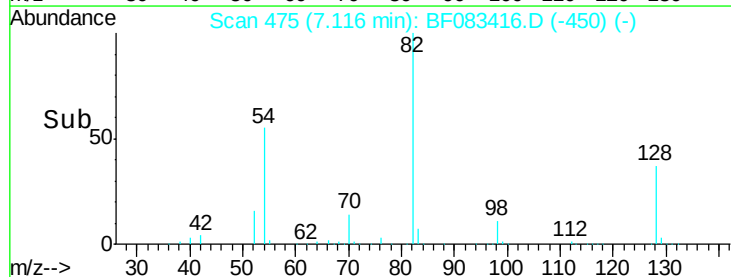
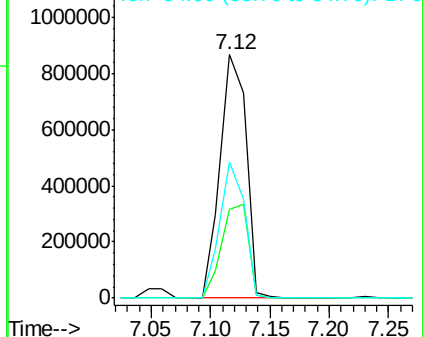


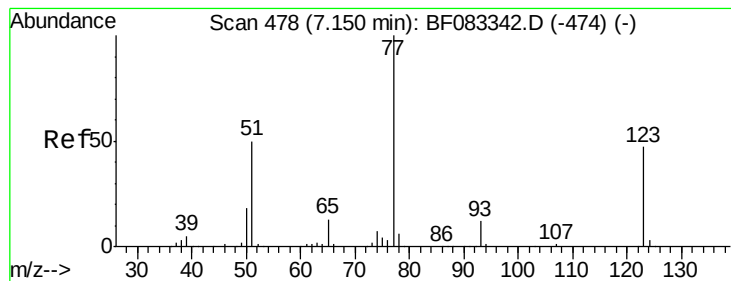
#23
Nitrobenzene-d5
Concen: 90.90 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion: 82 Resp: 1323309
Ion Ratio Lower Upper
82 100
128 36.7 30.6 46.0
54 55.7 43.8 65.6



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





#24

Nitrobenzene

Concen: 45.98 ng

RT: 7.14 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

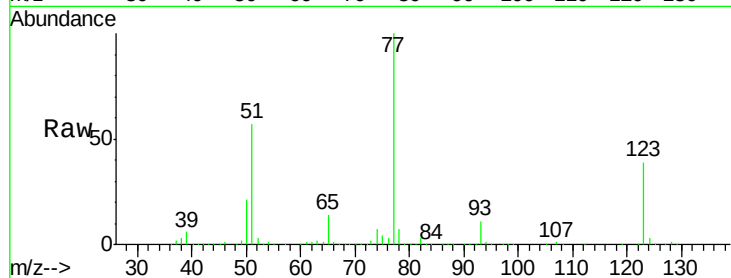
Tgt Ion: 77 Resp: 714839

Ion Ratio Lower Upper

77 100

123 38.8 37.4 56.0

65 14.4 10.6 15.8



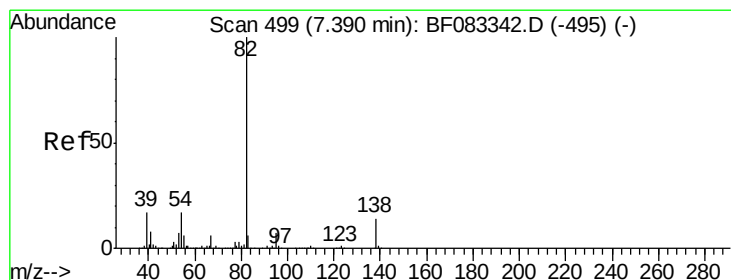
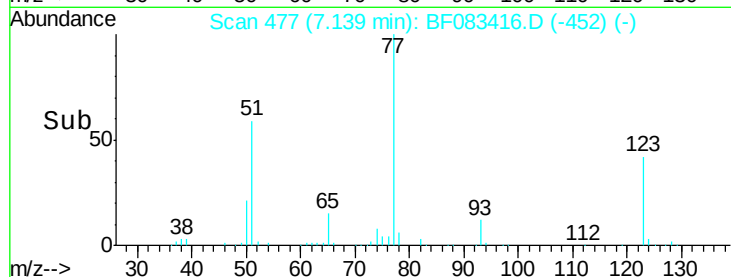
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

7.14

Time-->



#25

Isophorone

Concen: 44.21 ng

RT: 7.38 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

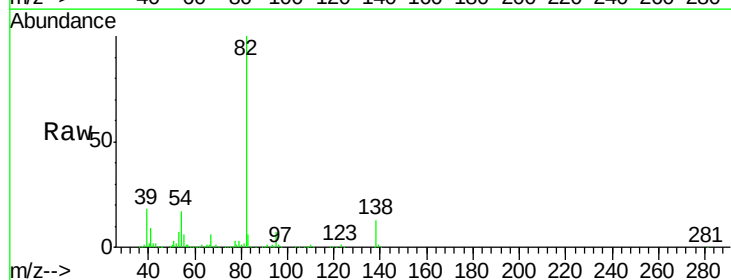
Tgt Ion: 82 Resp: 1246760

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 13.5 11.6 17.4



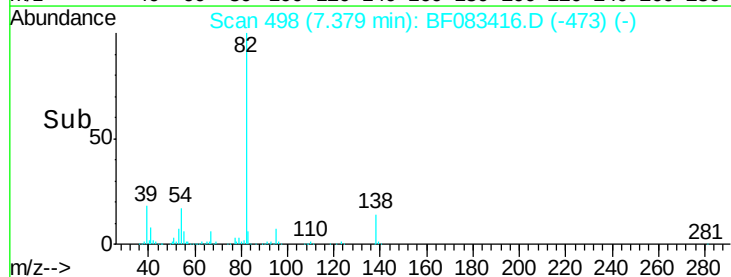
Abundance Ion 82.00 (81.70 to 82.70): BF0

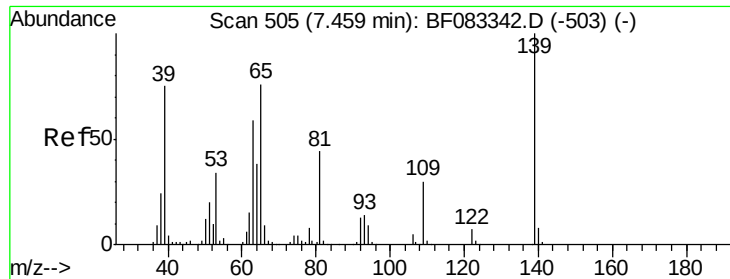
Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

7.38

Time-->

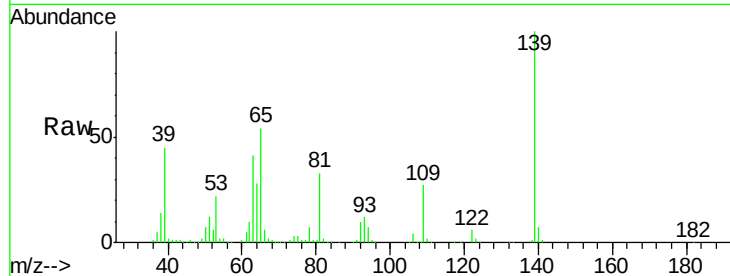




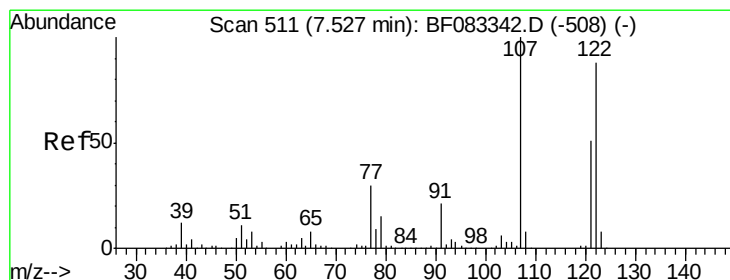
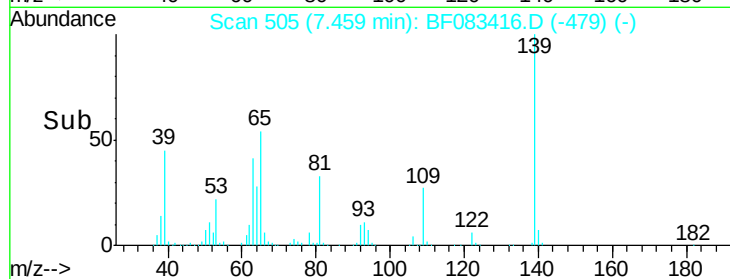
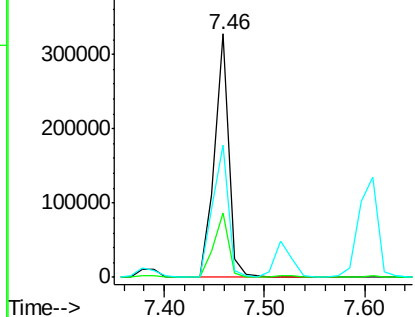
#26
2-Nitrophenol
Concen: 51.10 ng
RT: 7.46 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.6	24.2	36.4
65	54.3	61.0	91.6#

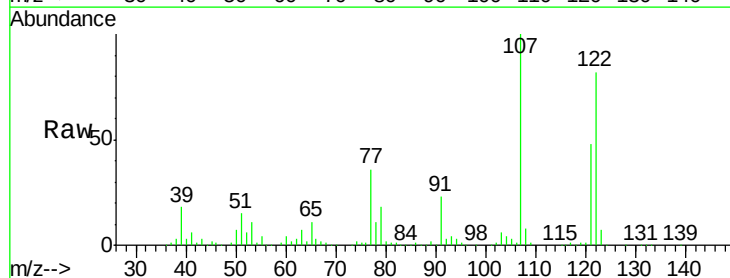


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

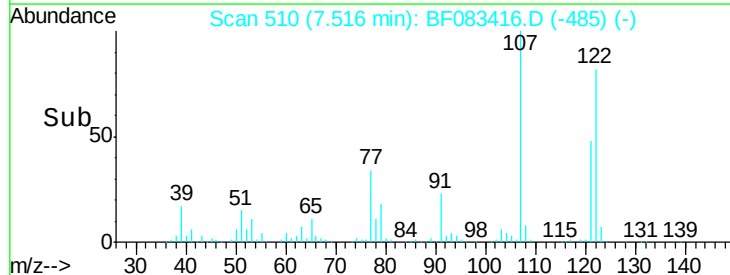
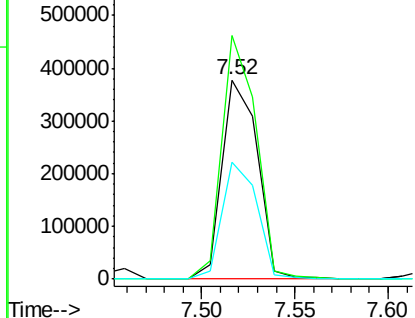


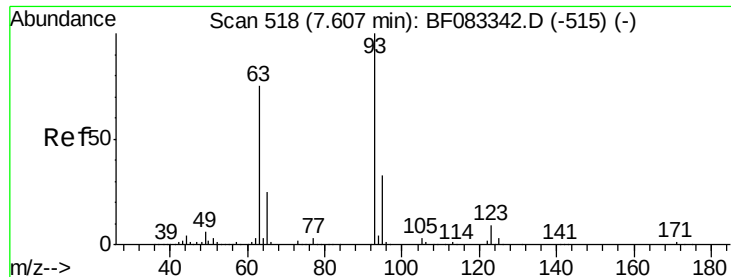
#27
2,4-Dimethylphenol
Concen: 47.38 ng
RT: 7.52 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.5	91.2	136.8
121	58.6	46.4	69.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

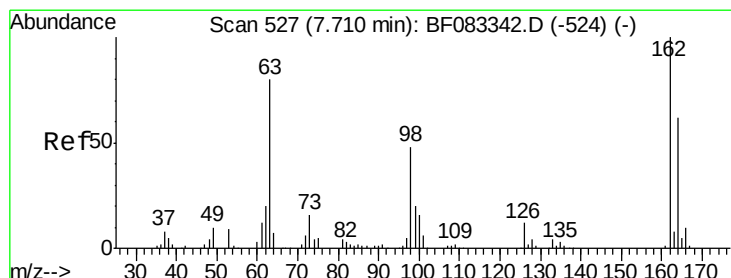
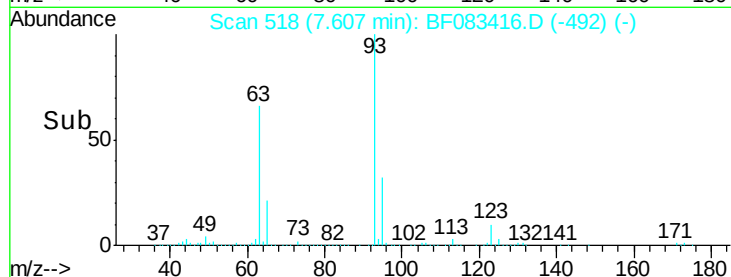
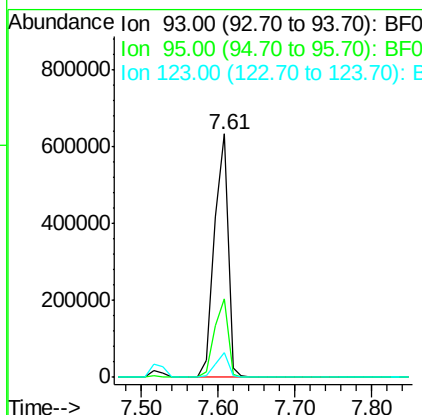
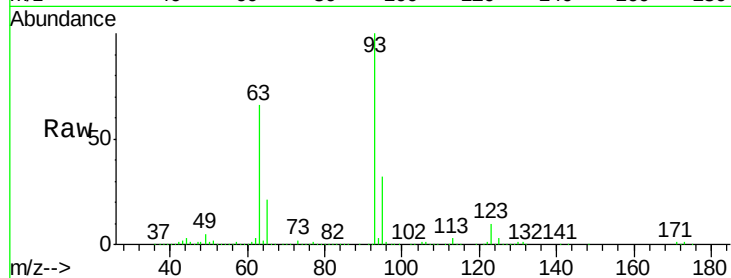




#28
bis(2-Chloroethoxy)methane
Concen: 48.17 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

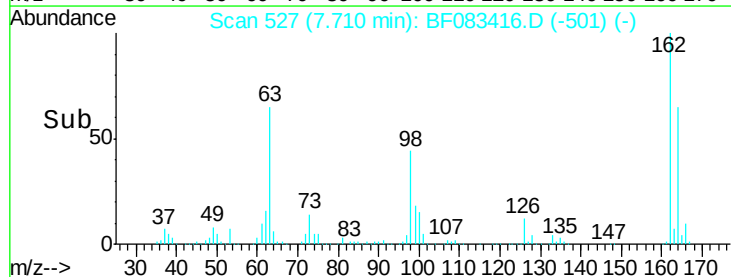
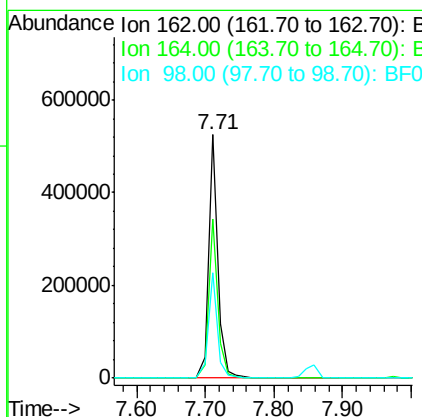
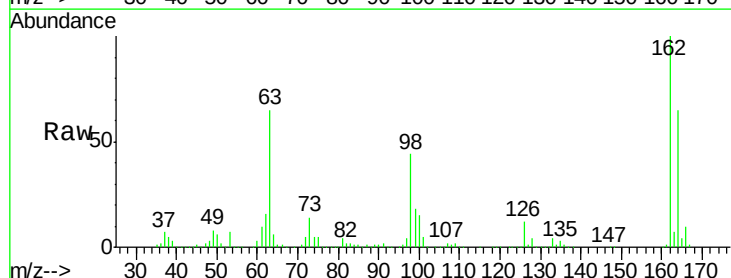
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

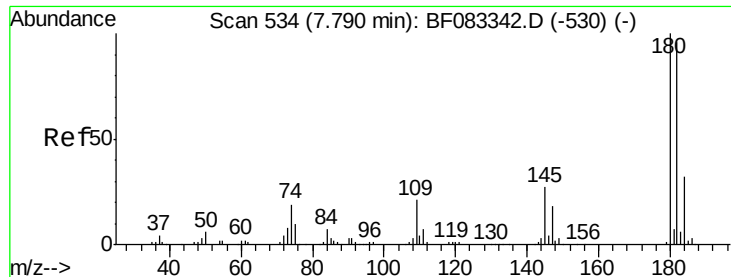
Tgt Ion: 93 Resp: 773576
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 10.3 7.4 11.0



#29
2,4-Dichlorophenol
Concen: 48.32 ng
RT: 7.71 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion: 162 Resp: 494333
Ion Ratio Lower Upper
162 100
164 65.2 41.9 81.9
98 43.5 28.1 68.1

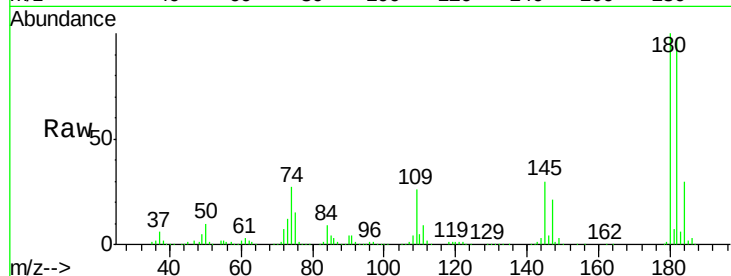




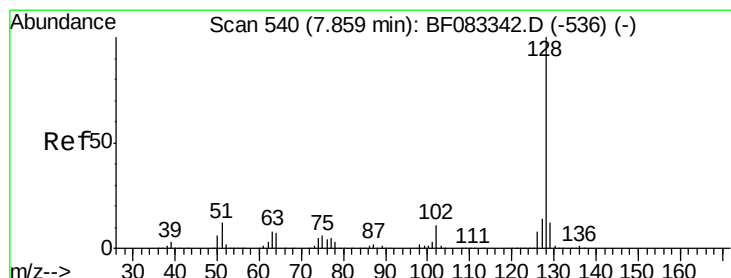
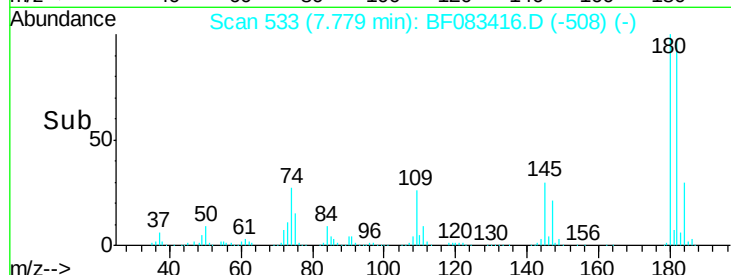
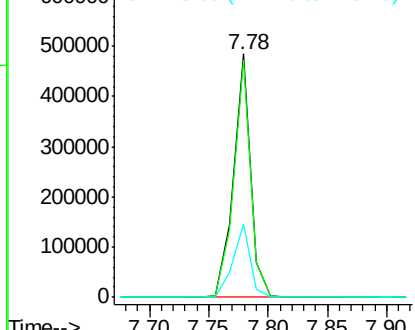
#30
 1,2,4-Trichlorobenzene
 Concen: 43.49 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

Tgt Ion:180 Resp: 484272
 Ion Ratio Lower Upper
 180 100
 182 97.3 77.2 115.8
 145 30.1 21.4 32.2

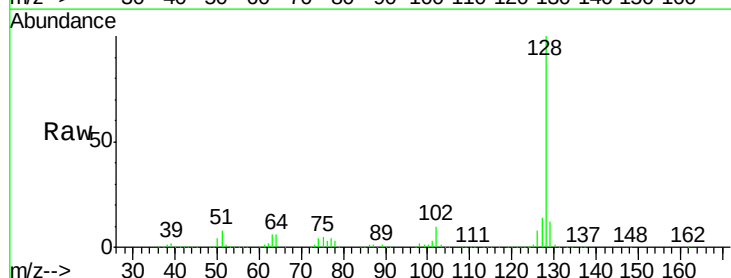


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

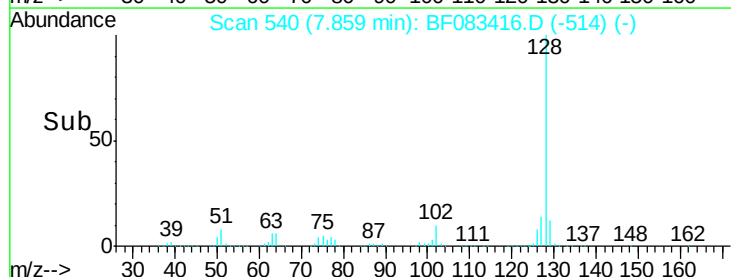
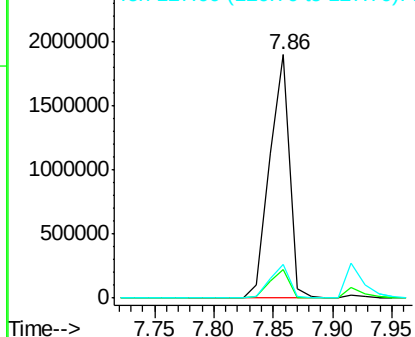


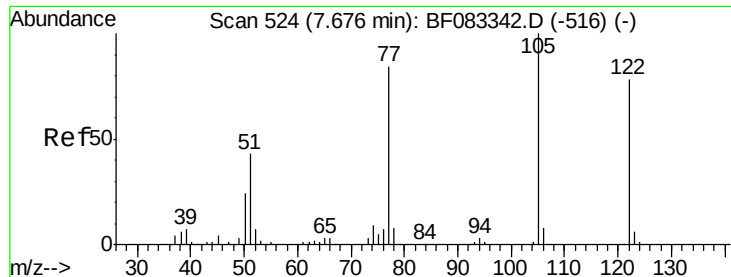
#31
 Naphthalene
 Concen: 63.63 ng
 RT: 7.86 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion:128 Resp: 2209326
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.7 14.5
 127 13.9 11.0 16.4



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

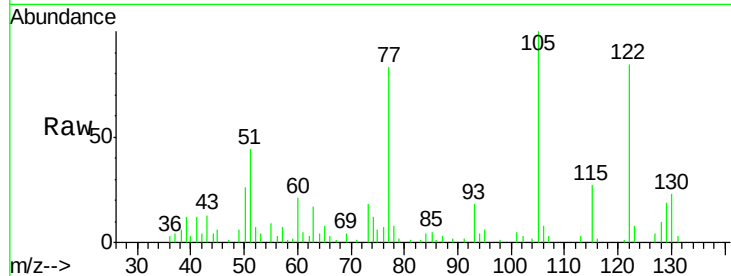




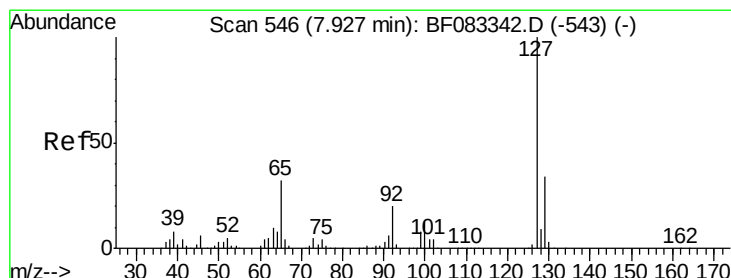
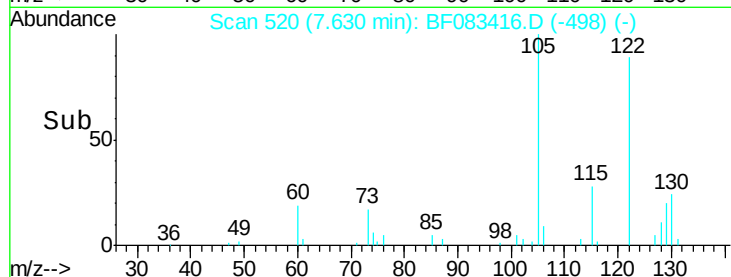
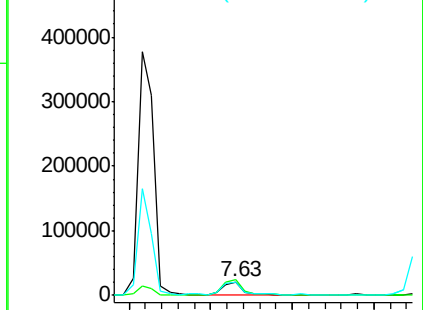
#32
Benzoic acid
Concen: 5.38 ng
RT: 7.63 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tgt Ion:122 Resp: 39443
Ion Ratio Lower Upper
122 100
105 118.7 106.0 146.0
77 98.9 86.3 126.3



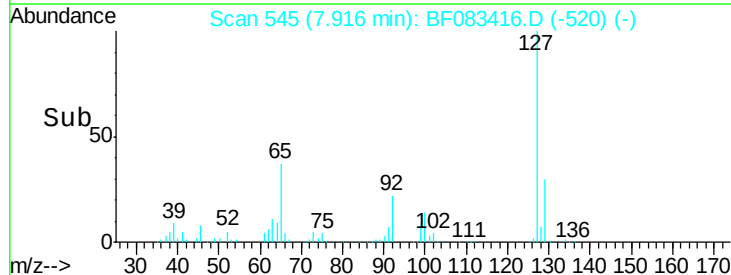
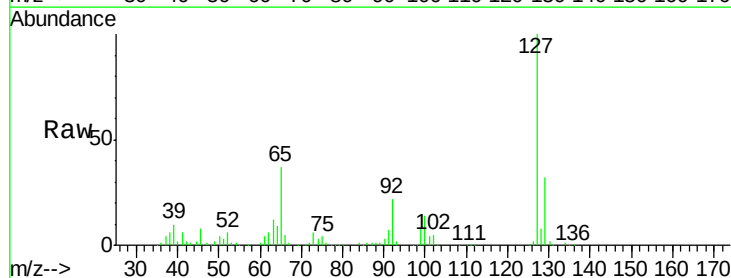
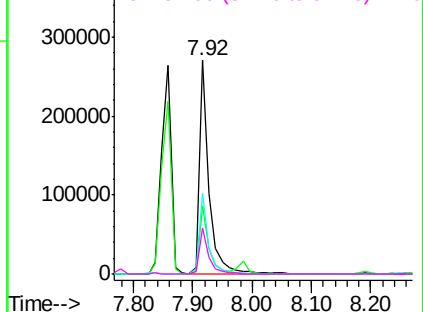
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

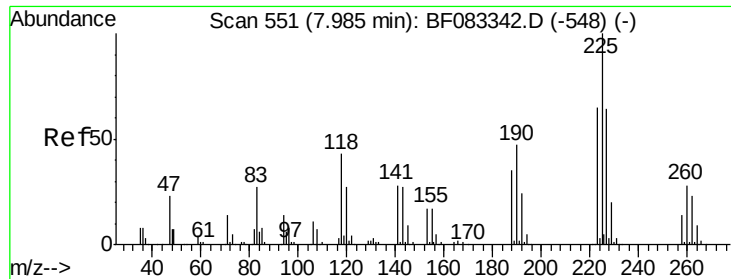


#33
4-Chloroaniline
Concen: 21.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion:127 Resp: 314283
Ion Ratio Lower Upper
127 100
129 31.9 27.0 40.4
65 37.5 25.9 38.9
92 21.8 15.8 23.8

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: 43.11 ng

RT: 7.98 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

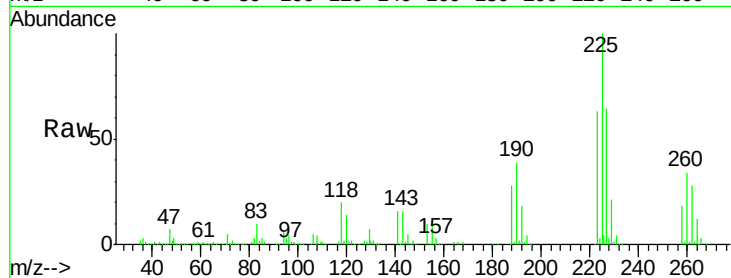
Tgt Ion:225 Resp: 272578

Ion Ratio Lower Upper

225 100

223 62.8 52.0 78.0

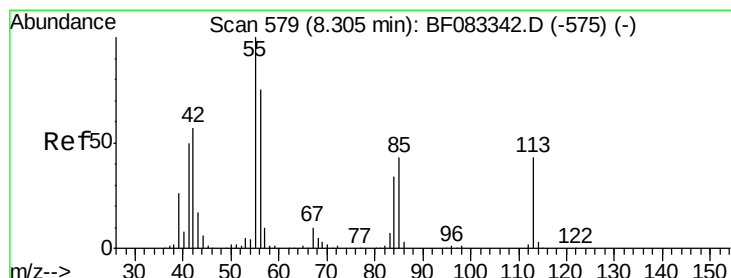
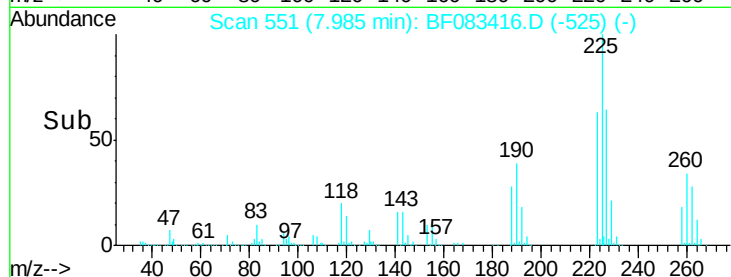
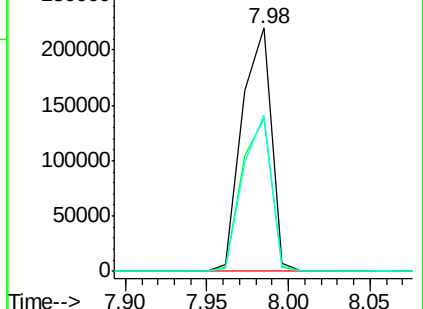
227 64.3 51.1 76.7



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: 27.09 ng

RT: 8.30 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

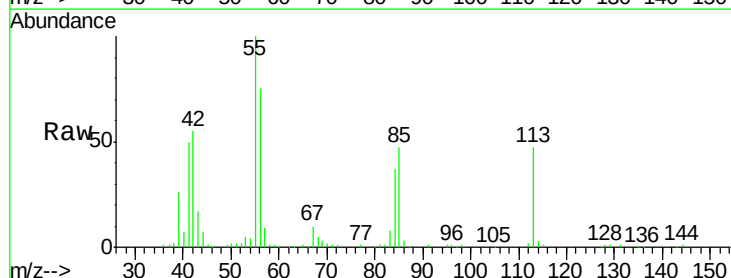
Tgt Ion:113 Resp: 87588

Ion Ratio Lower Upper

113 100

55 212.4 211.6 251.6

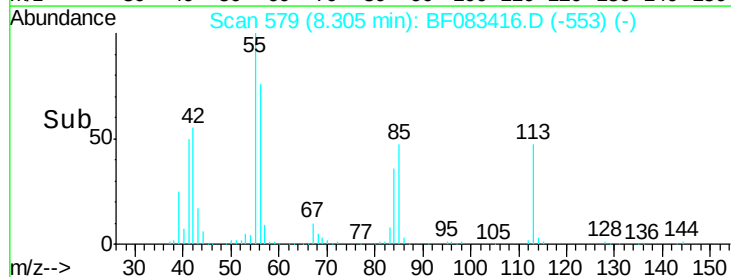
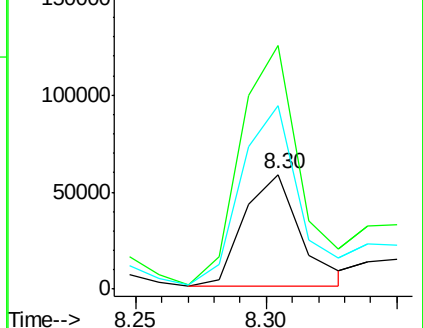
56 160.3 153.0 193.0

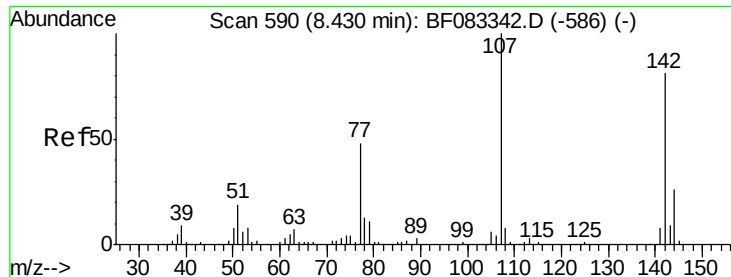


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

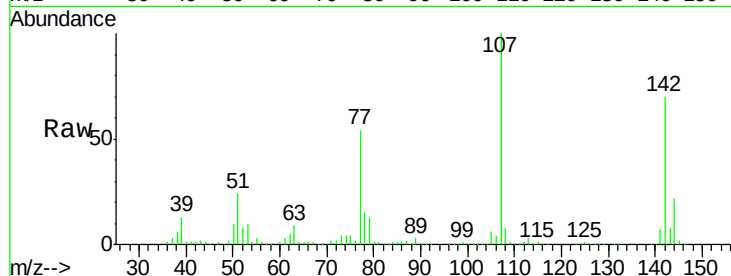




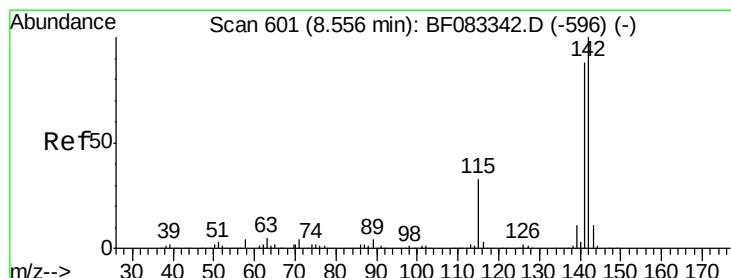
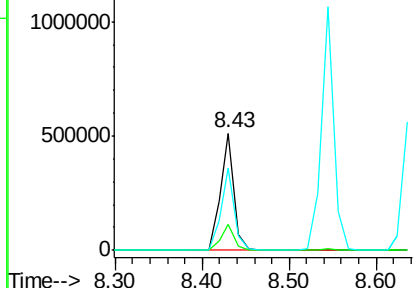
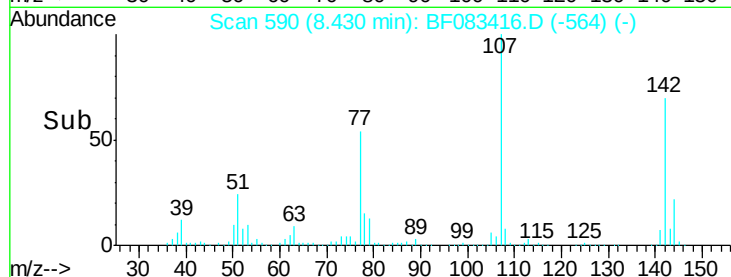
#36
 4-Chloro-3-methylphenol
 Concen: 49.20 ng
 RT: 8.43 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

Tgt Ion:107 Resp: 564607
 Ion Ratio Lower Upper
 107 100
 144 22.4 21.1 31.7
 142 70.2 65.1 97.7

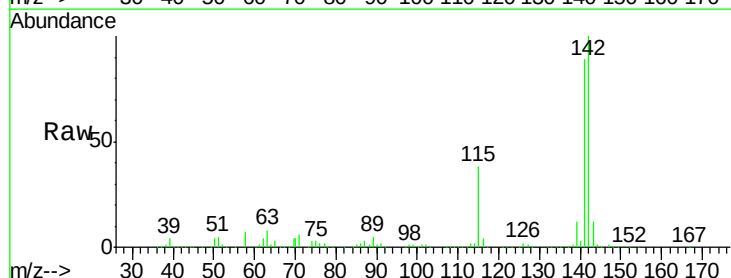


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

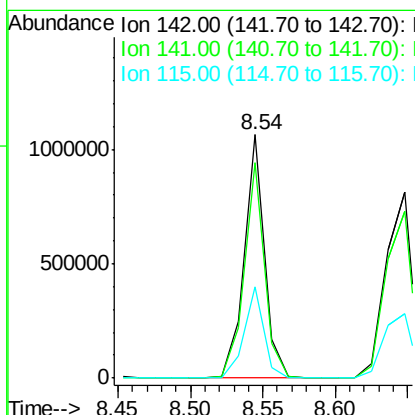
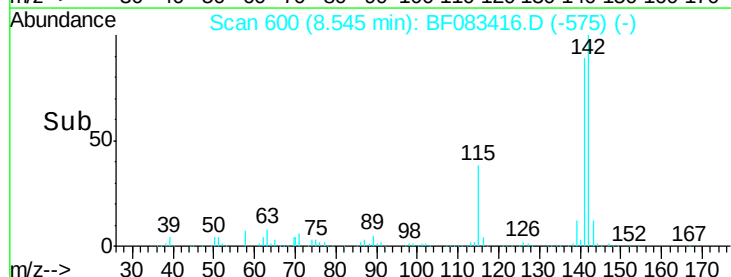


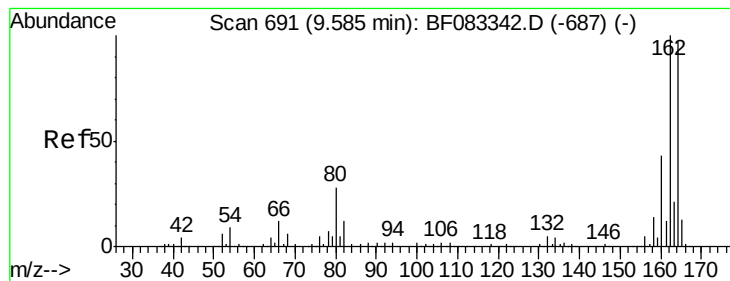
#37
 2-Methylnaphthalene
 Concen: 44.22 ng
 RT: 8.54 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion:142 Resp: 1026157
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.6 105.8
 115 37.8 26.2 39.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

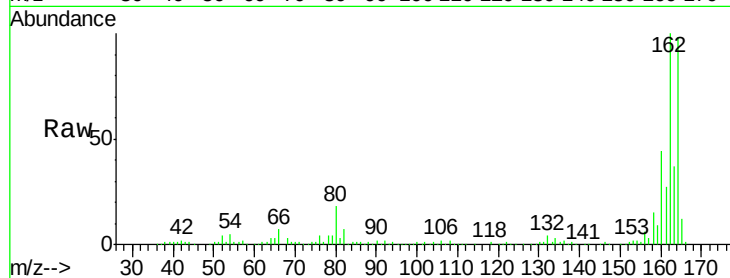
Tgt Ion:164 Resp: 309629

Ion Ratio Lower Upper

164 100

162 102.2 82.6 123.8

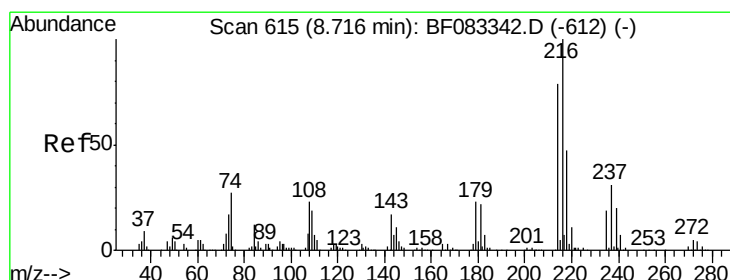
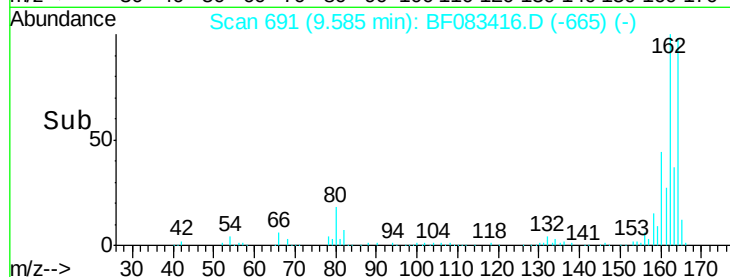
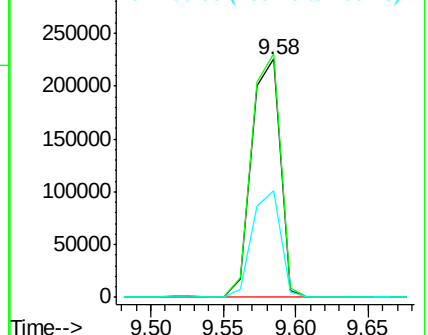
160 44.9 35.3 52.9



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: 47.01 ng

RT: 8.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Tgt Ion:216 Resp: 461366

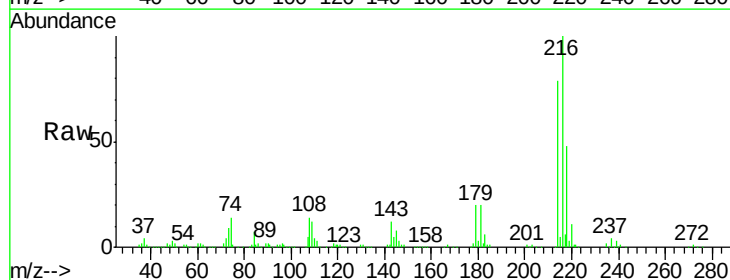
Ion Ratio Lower Upper

216 100

214 80.3 62.3 93.5

179 21.4 17.0 25.4

108 20.9 16.7 25.1

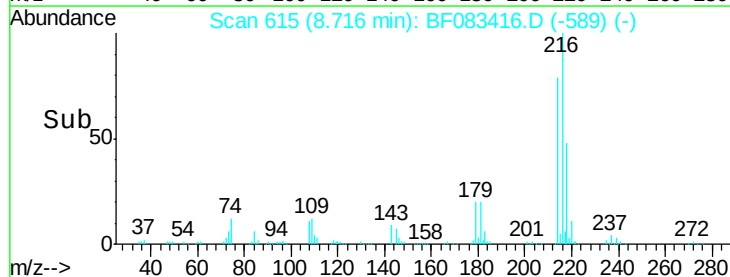
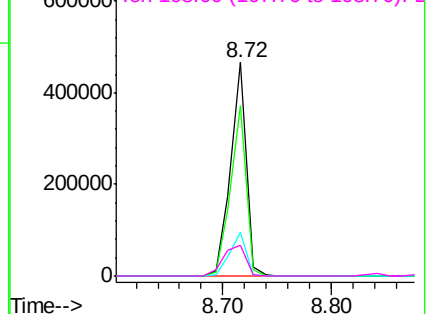


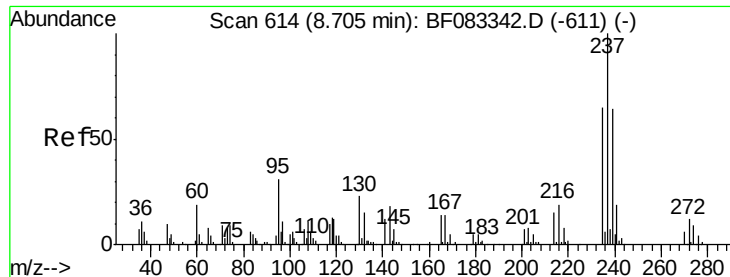
Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.13 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

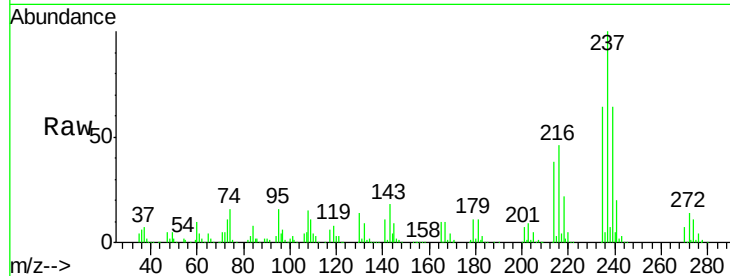
Tgt Ion:237 Resp: 387588

Ion Ratio Lower Upper

237 100

235 63.8 44.5 84.5

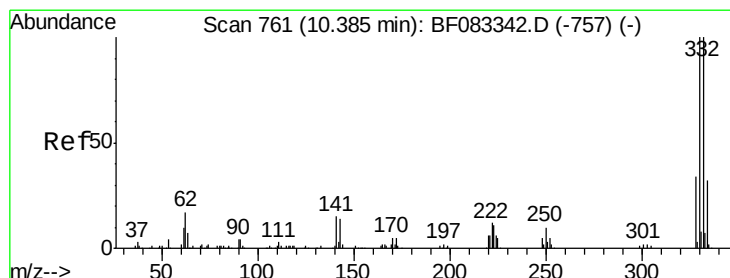
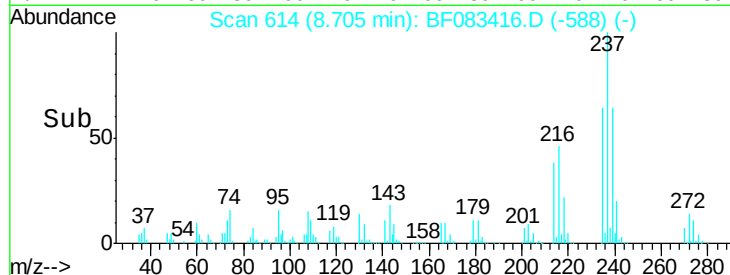
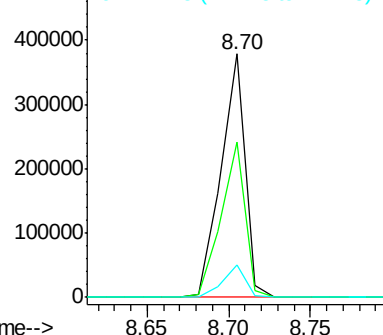
272 13.6 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 132.50 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

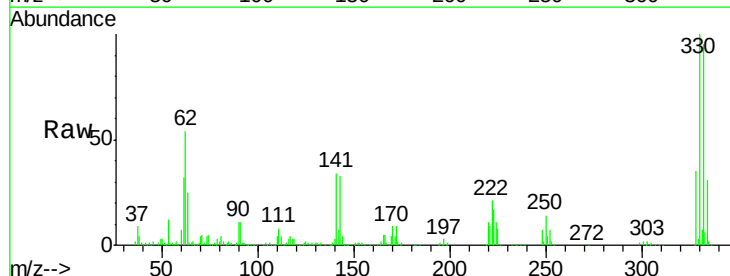
Tgt Ion:330 Resp: 411846

Ion Ratio Lower Upper

330 100

332 95.5 77.8 116.6

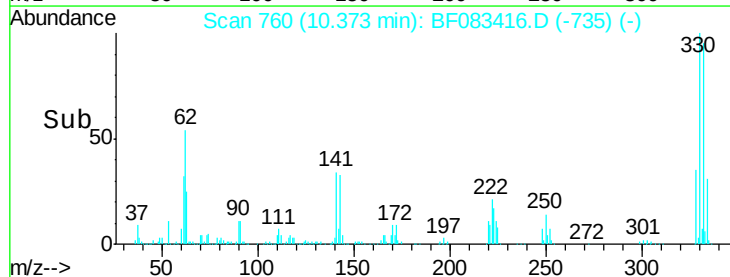
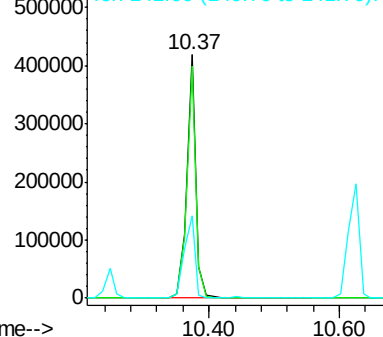
141 40.2 29.4 44.0

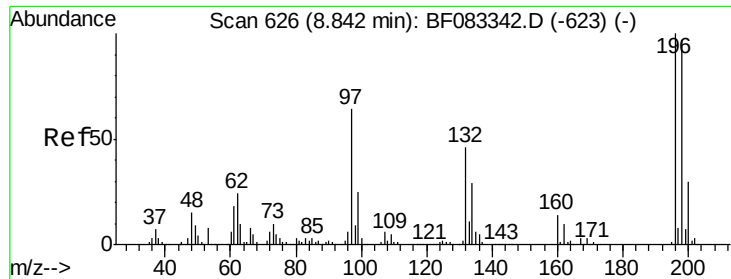


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

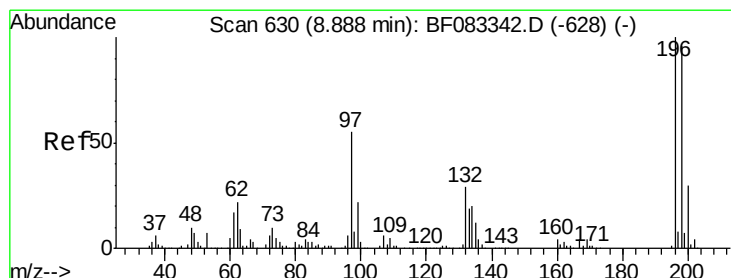
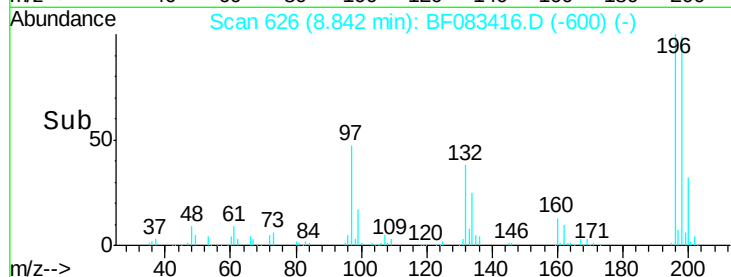
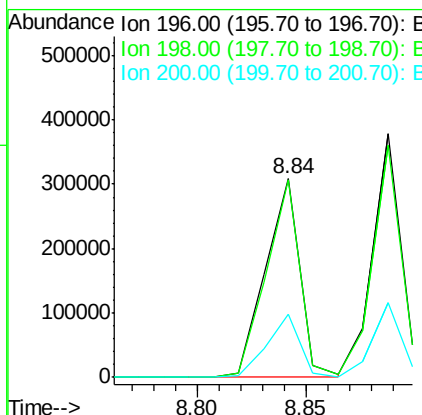
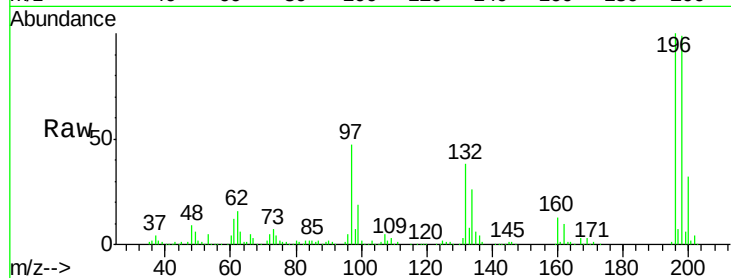




#42
 2,4,6-Trichlorophenol
 Concen: 49.62 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

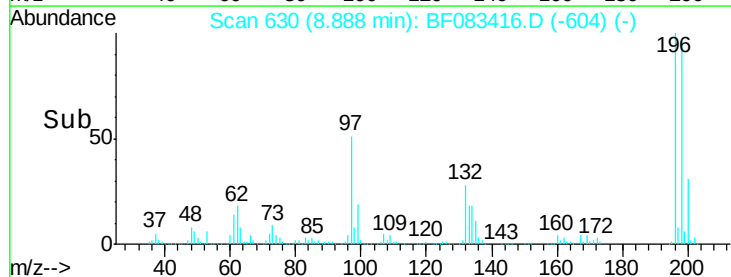
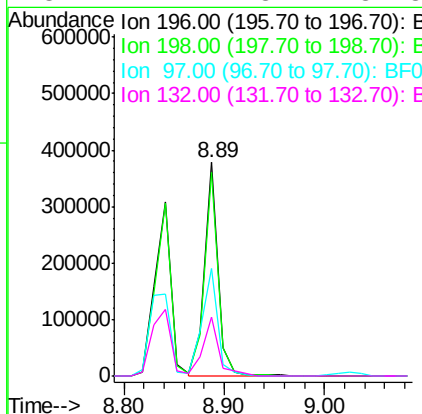
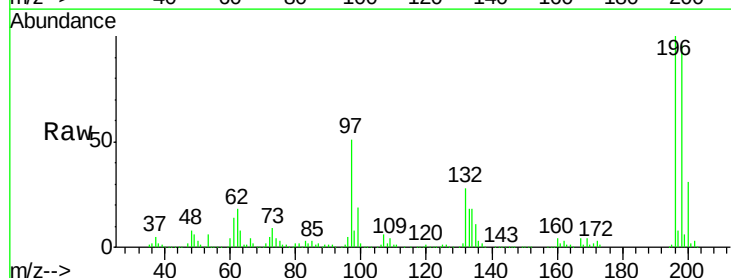
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

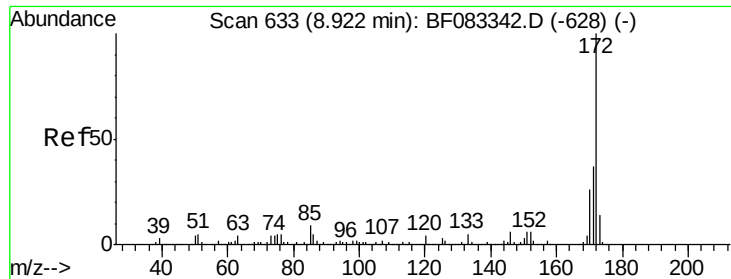
Tgt Ion:196 Resp: 341651
 Ion Ratio Lower Upper
 196 100
 198 99.3 77.2 115.8
 200 31.9 24.2 36.4



#43
 2,4,5-Trichlorophenol
 Concen: 49.97 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion:196 Resp: 356449
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.2 115.8
 97 50.5 44.4 66.6
 132 27.7 23.2 34.8





#44

2-Fluorobiphenyl

Concen: 86.19 ng

RT: 8.91 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

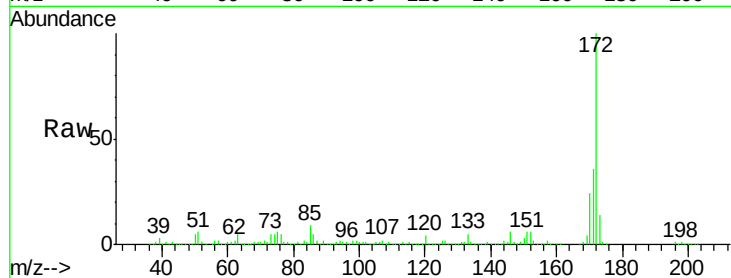
Tgt Ion:172 Resp: 1872686

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

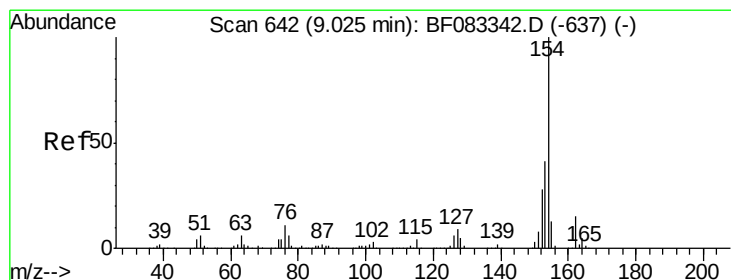
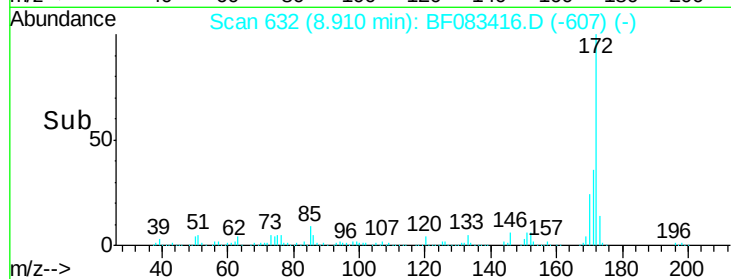
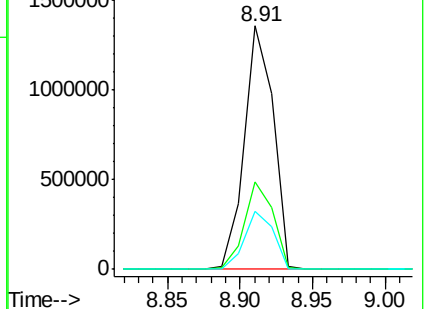
170 23.9 20.4 30.6



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: 47.45 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

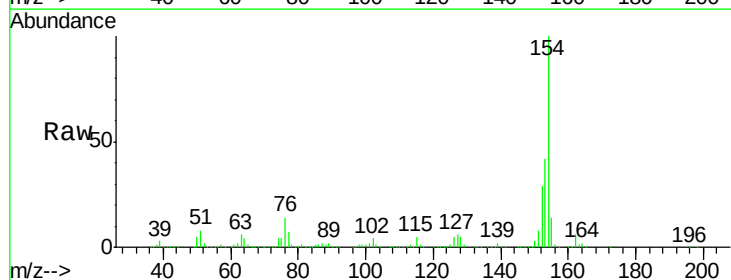
Tgt Ion:154 Resp: 1288235

Ion Ratio Lower Upper

154 100

153 41.8 20.6 60.6

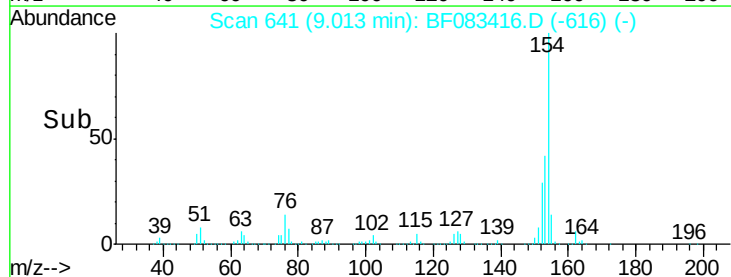
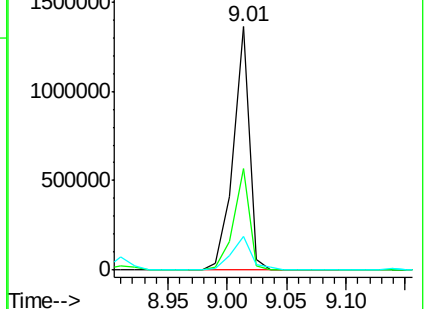
76 14.0 0.0 30.5

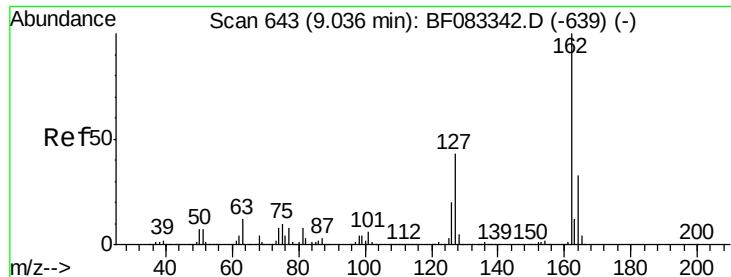


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

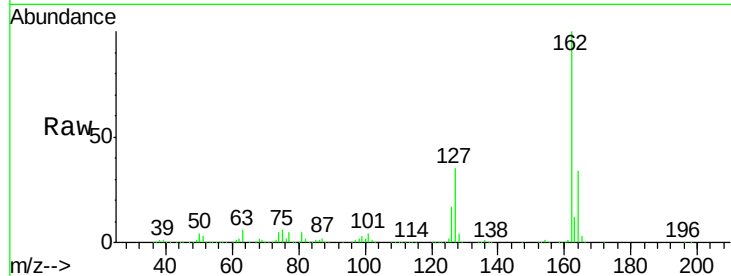




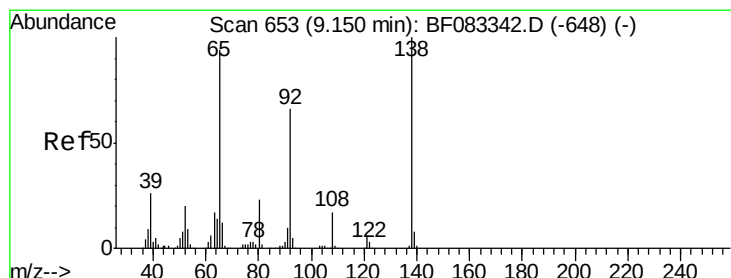
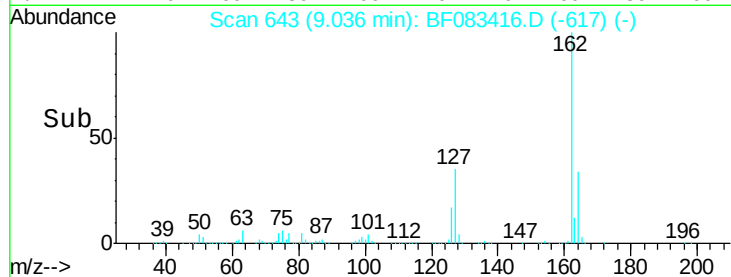
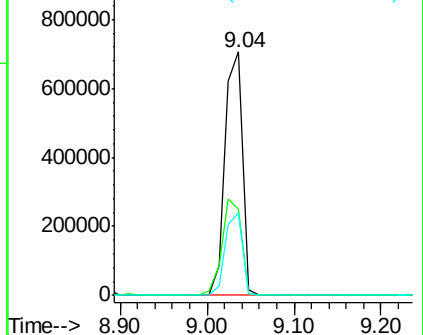
#46
2-Chloronaphthalene
Concen: 47.80 ng
RT: 9.04 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tgt Ion: 162 Resp: 989065
Ion Ratio Lower Upper
162 100
127 35.2 34.1 51.1
164 33.8 26.6 39.8

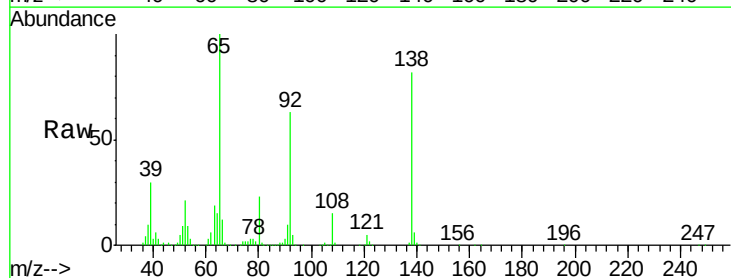


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

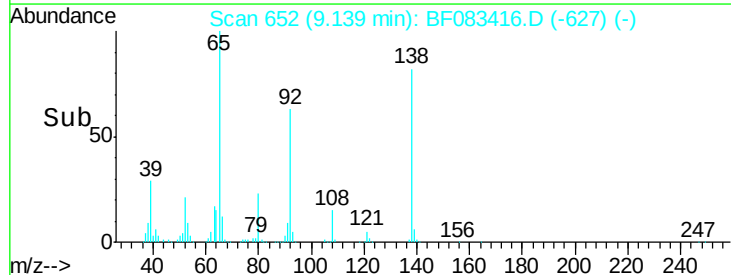
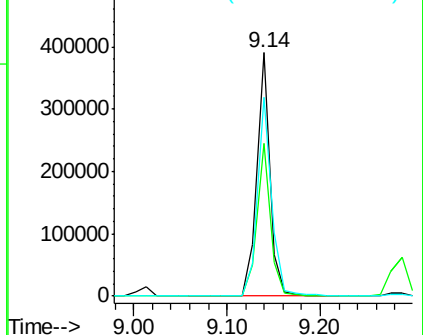


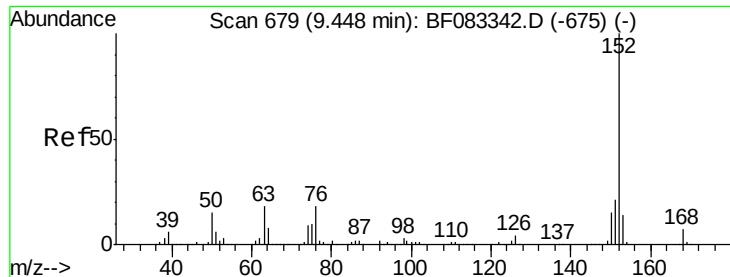
#47
2-Nitroaniline
Concen: 46.72 ng
RT: 9.14 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion: 65 Resp: 382880
Ion Ratio Lower Upper
65 100
92 62.9 56.2 84.4
138 81.8 85.4 128.0#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 45.99 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

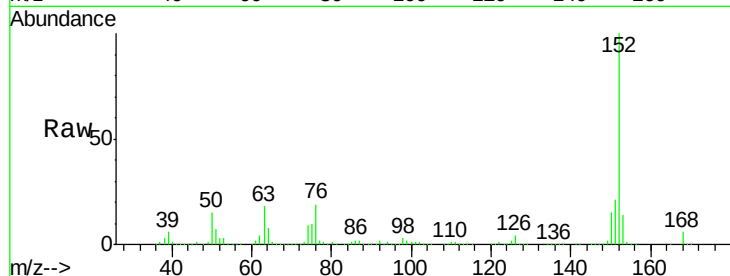
Tgt Ion:152 Resp: 1517990

Ion Ratio Lower Upper

152 100

151 20.6 16.7 25.1

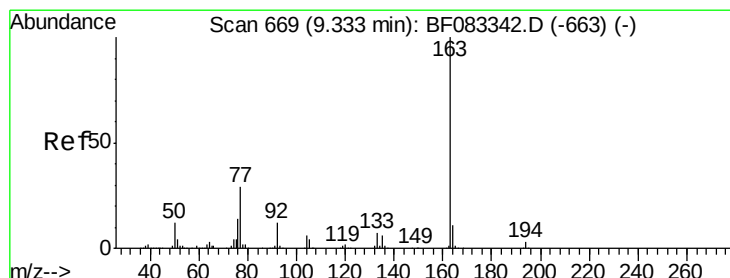
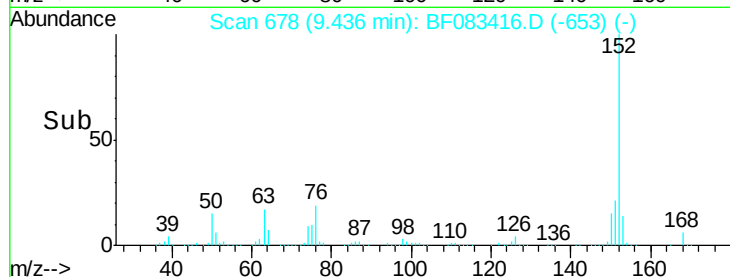
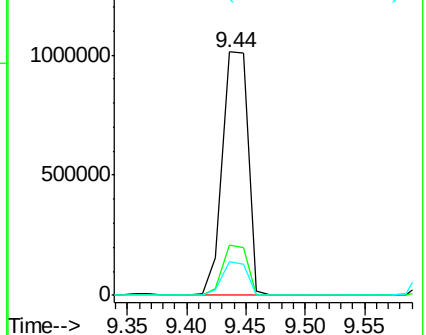
153 14.0 11.2 16.8



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: 64.27 ng

RT: 9.33 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

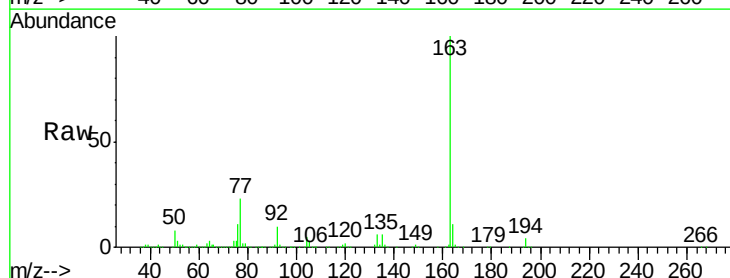
Tgt Ion:163 Resp: 1617188

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

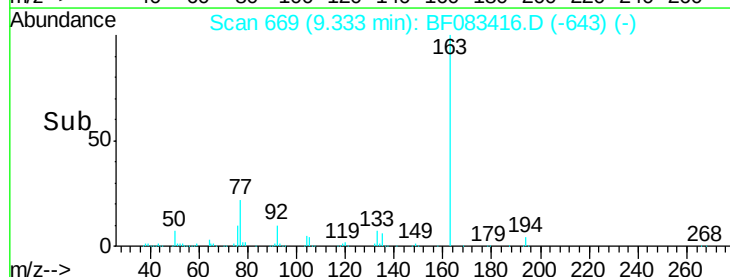
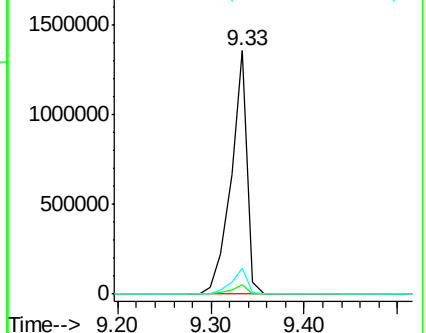
164 10.6 8.8 13.2

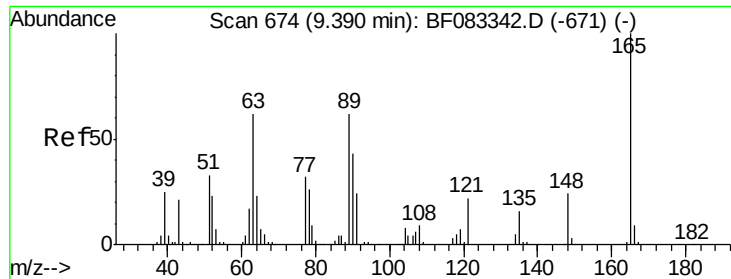


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 50.23 ng

RT: 9.39 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

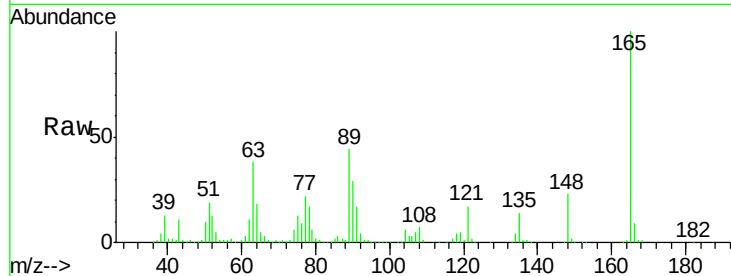
Tgt Ion:165 Resp: 269899

Ion Ratio Lower Upper

165 100

63 38.2 56.0 84.0#

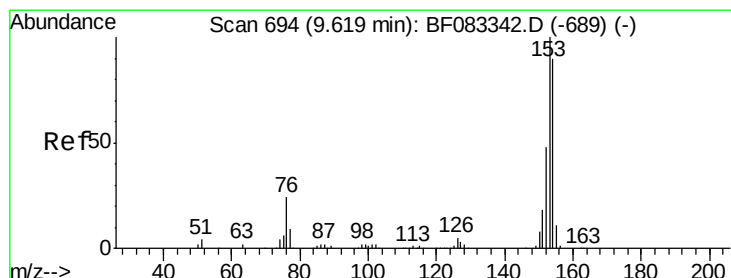
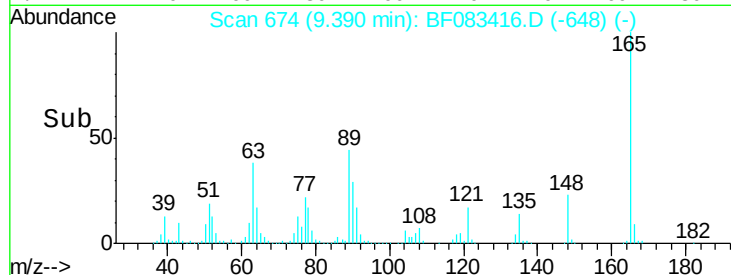
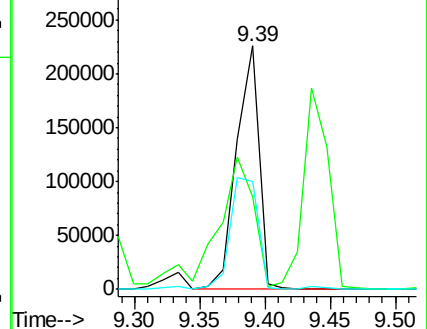
89 44.5 49.8 74.8#



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: 50.78 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

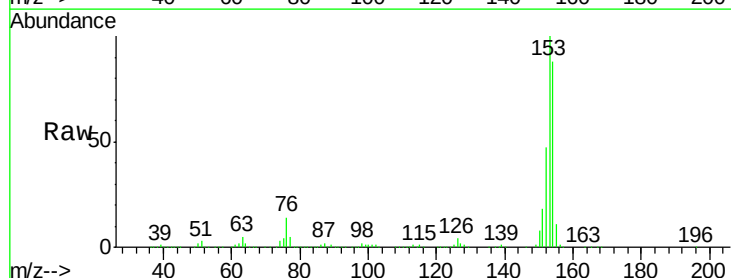
Tgt Ion:154 Resp: 985711

Ion Ratio Lower Upper

154 100

153 113.8 89.3 133.9

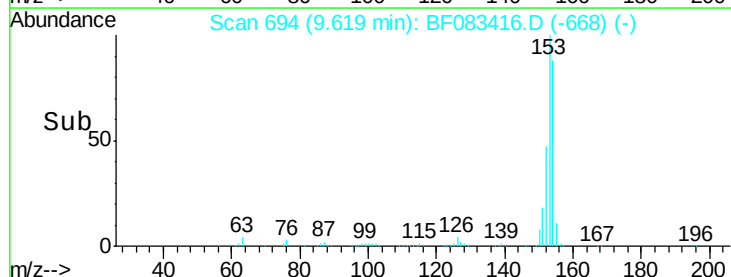
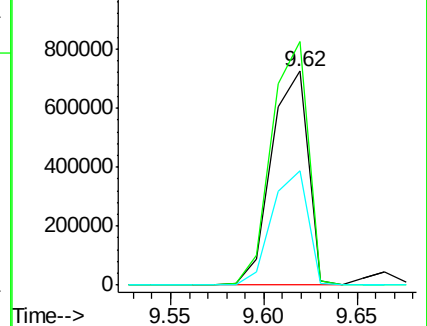
152 53.7 42.5 63.7

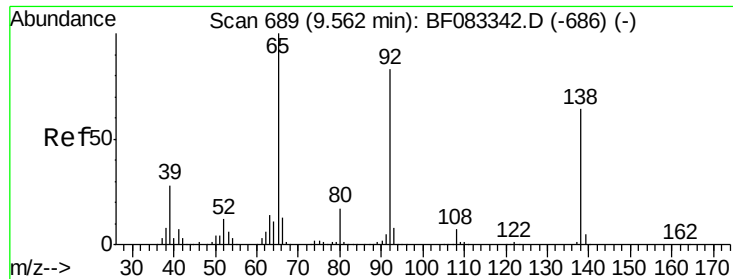


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

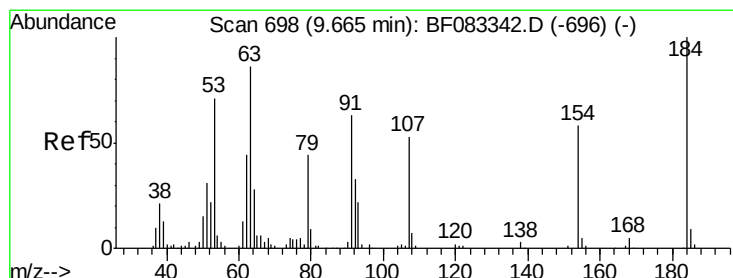
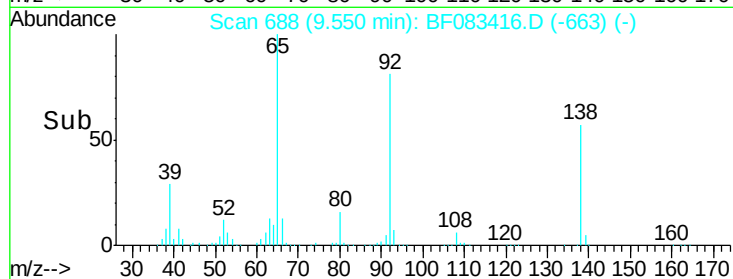
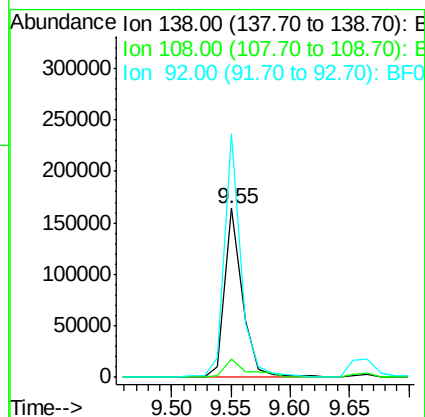
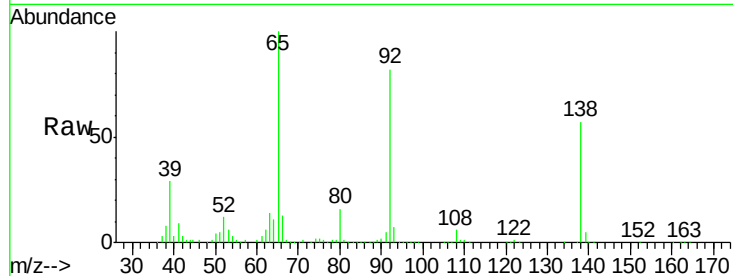




#52
3-Nitroaniline
Concen: 26.80 ng
RT: 9.55 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

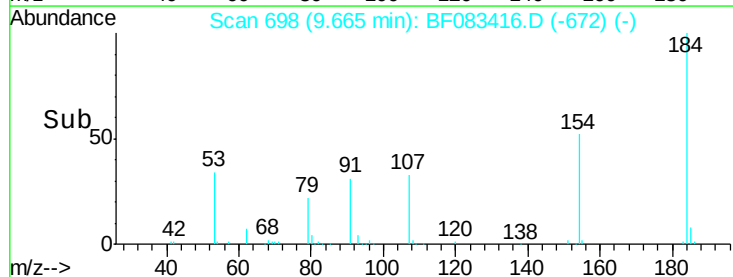
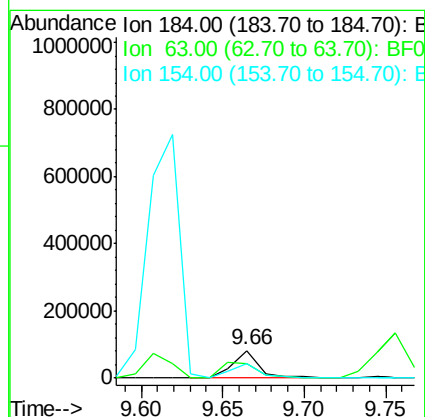
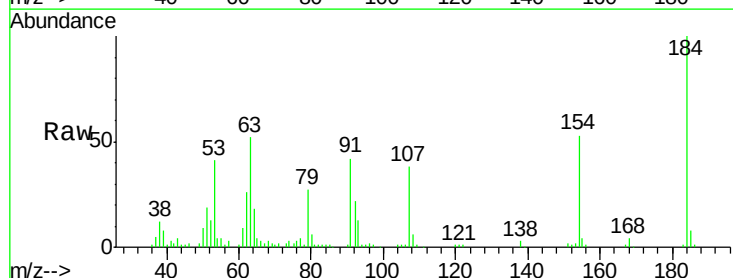
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

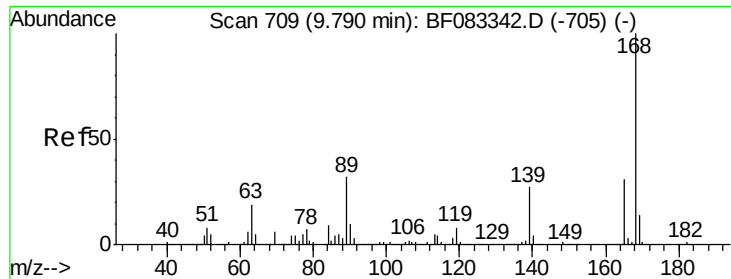
Tgt Ion:138 Resp: 168791
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 143.9 104.2 156.4



#53
2,4-Dinitrophenol
Concen: 32.60 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion:184 Resp: 91978
Ion Ratio Lower Upper
184 100
63 51.8 69.0 103.6#
154 53.0 50.0 75.0

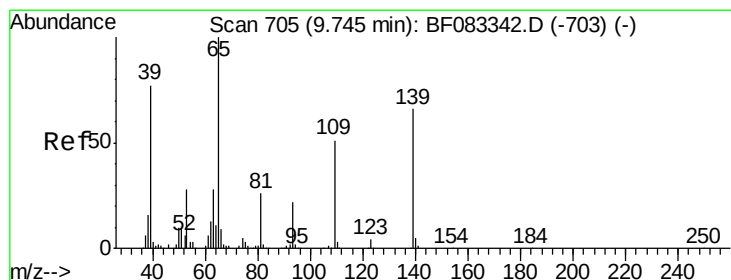
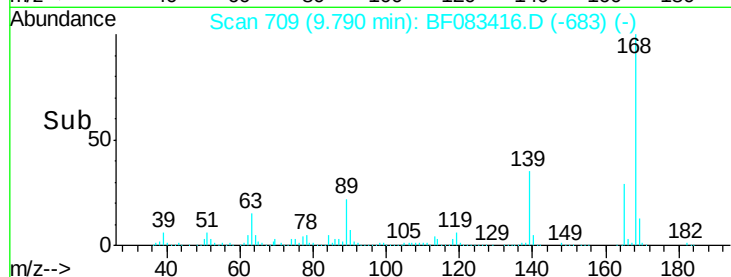
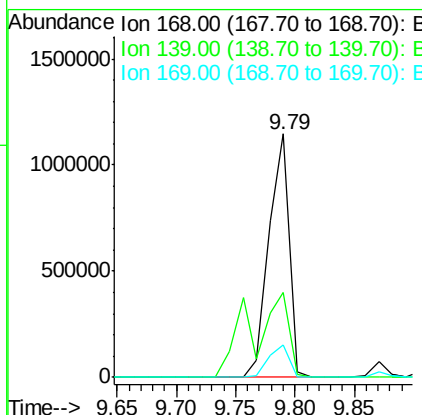
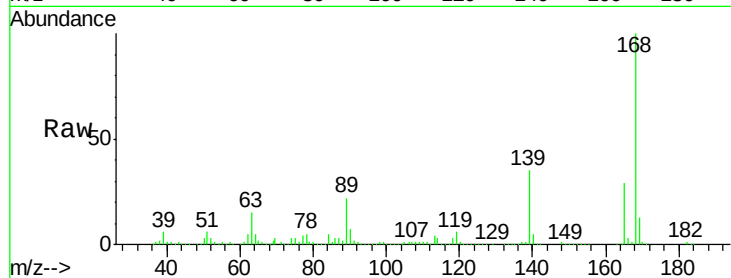




#54
 Dibenzofuran
 Concen: 48.09 ng
 RT: 9.79 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

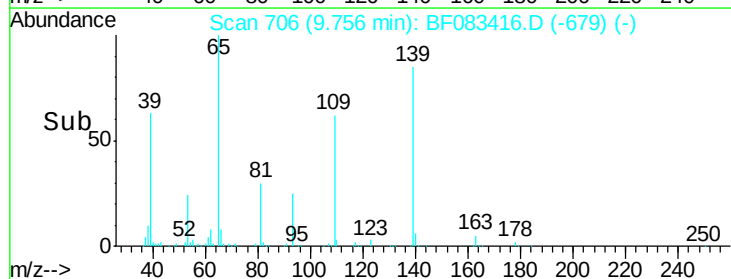
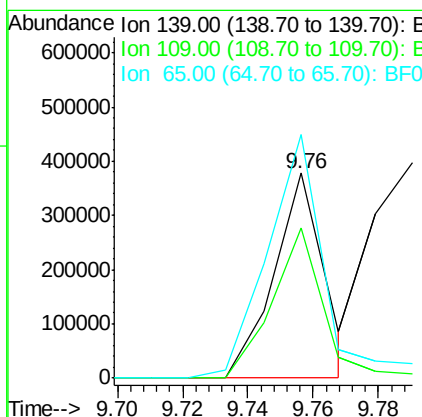
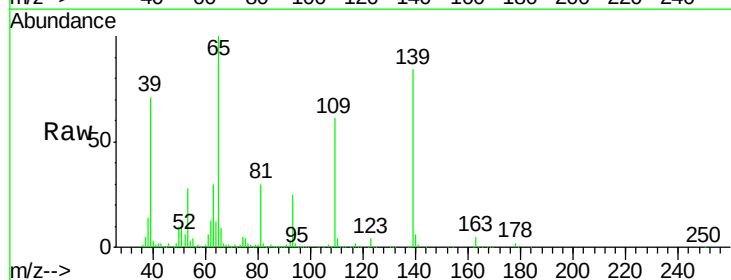
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

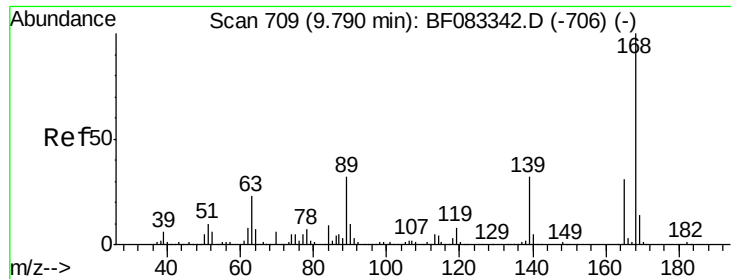
Tgt Ion:168 Resp: 1368159
 Ion Ratio Lower Upper
 168 100
 139 34.7 32.7 49.1
 169 13.2 11.1 16.7



#55
 4-Nitrophenol
 Concen: 102.44 ng
 RT: 9.76 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion:139 Resp: 403589
 Ion Ratio Lower Upper
 139 100
 109 72.9 57.4 97.4
 65 118.7 131.6 171.6#

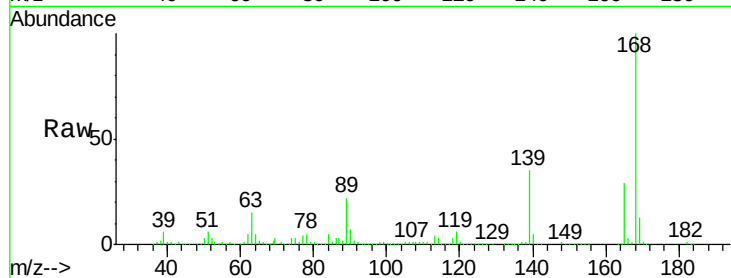




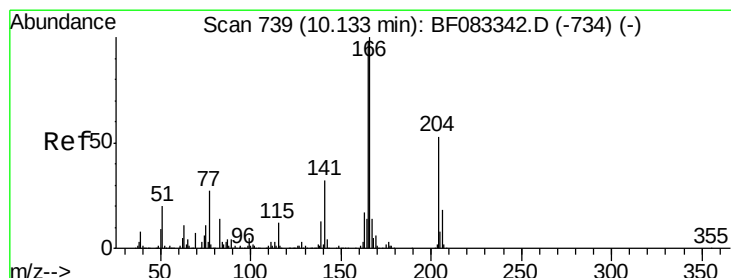
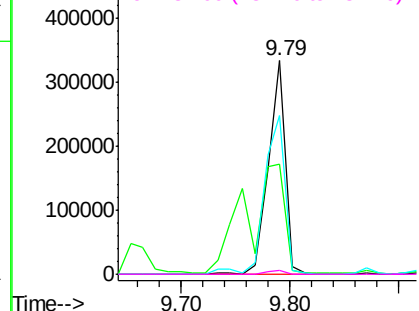
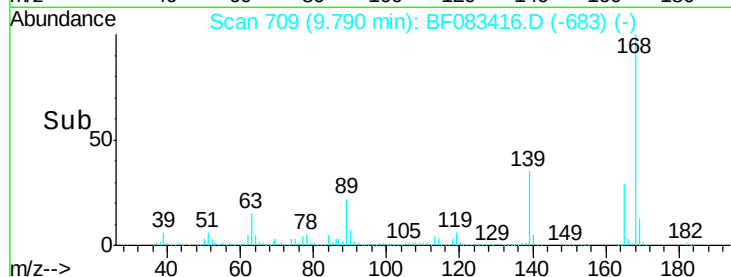
#56
2,4-Dinitrotoluene
Concen: 53.33 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tgt Ion:165 Resp: 363607
Ion Ratio Lower Upper
165 100
63 51.5 65.4 98.0#
89 74.2 81.2 121.8#
182 2.0 1.8 2.8

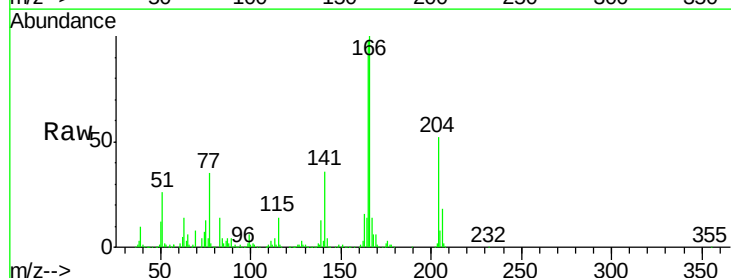


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

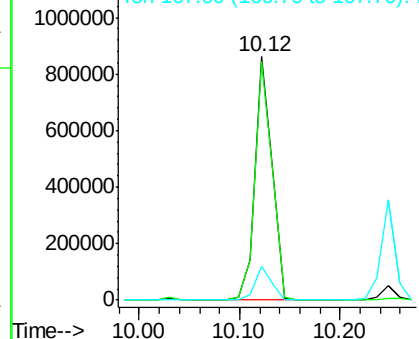
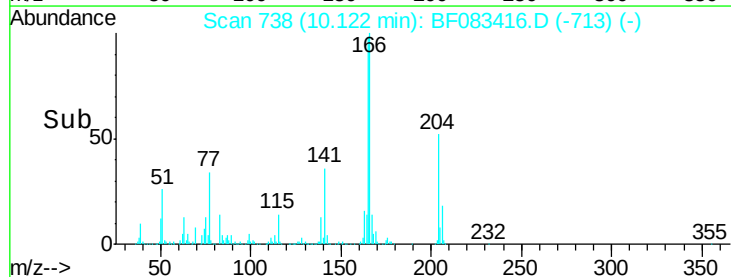


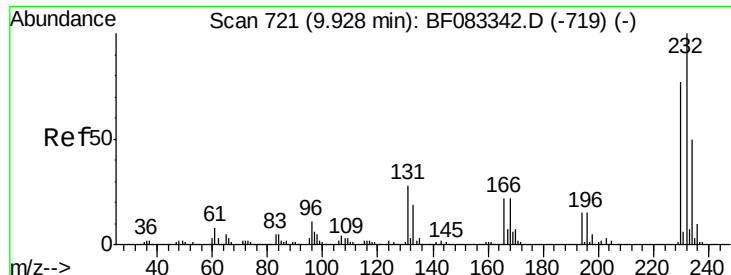
#57
Fluorene
Concen: 45.01 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion:166 Resp: 1011041
Ion Ratio Lower Upper
166 100
165 98.1 78.3 117.5
167 14.0 11.1 16.7



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

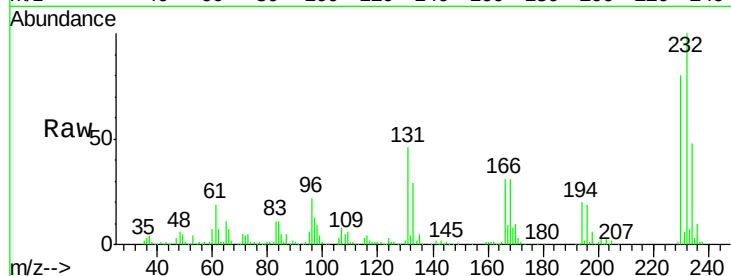




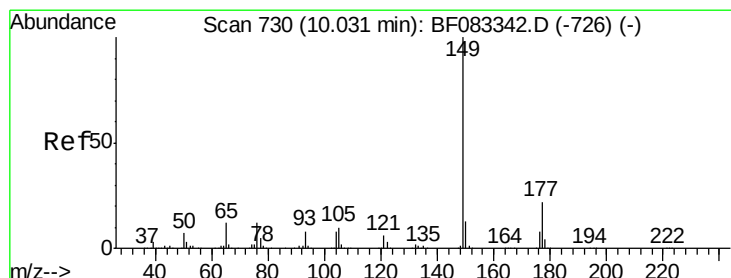
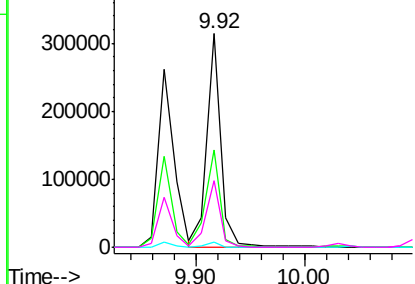
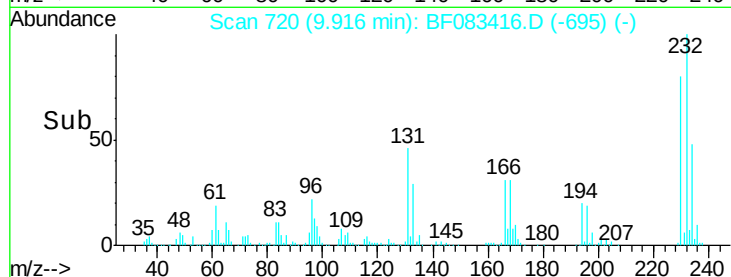
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.33 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

Tgt Ion: 232 Resp: 283914
 Ion Ratio Lower Upper
 232 100
 131 47.2 35.4 53.2
 130 2.4 1.7 2.5
 166 31.5 23.3 34.9

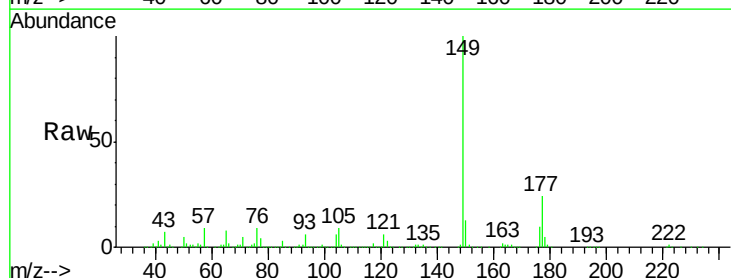


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

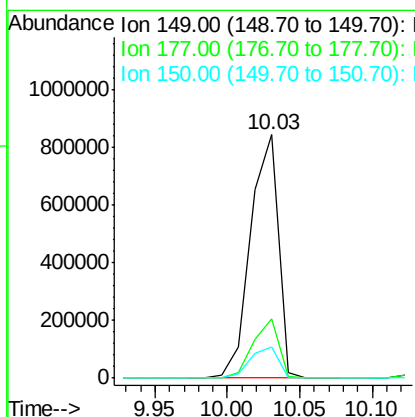
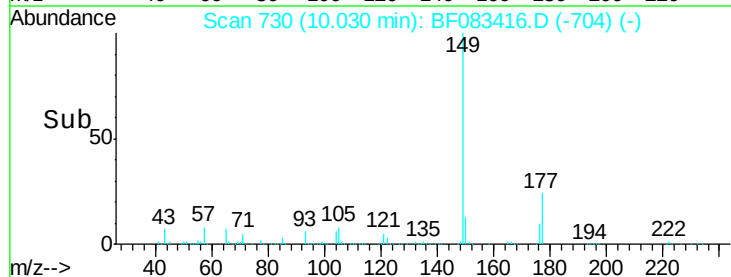


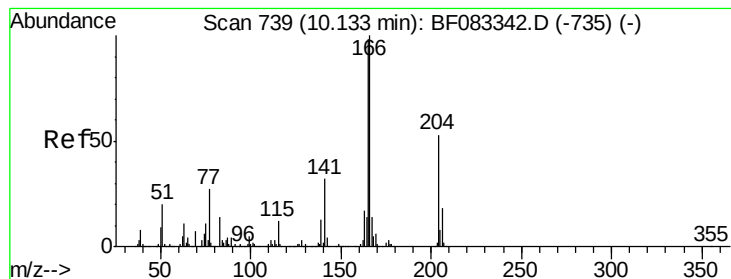
#59
 Diethylphthalate
 Concen: 46.88 ng
 RT: 10.03 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion: 149 Resp: 1124307
 Ion Ratio Lower Upper
 149 100
 177 24.1 17.4 26.2
 150 12.6 10.4 15.6



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





#60

4-Chlorophenyl-phenylether

Concen: 42.30 ng

RT: 10.12 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

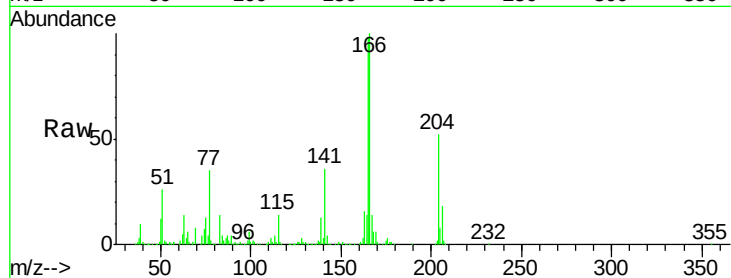
Tgt Ion:204 Resp: 436636

Ion Ratio Lower Upper

204 100

206 33.9 27.5 41.3

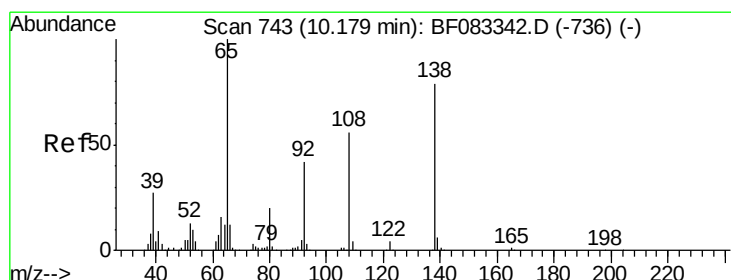
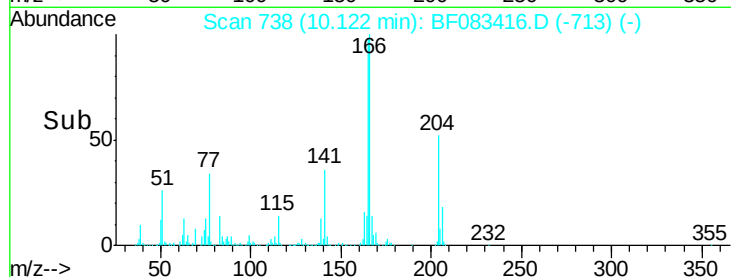
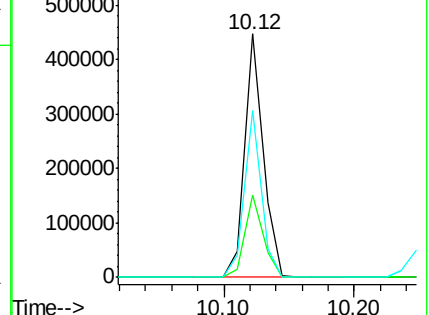
141 68.7 48.1 72.1



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 39.96 ng

RT: 10.17 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

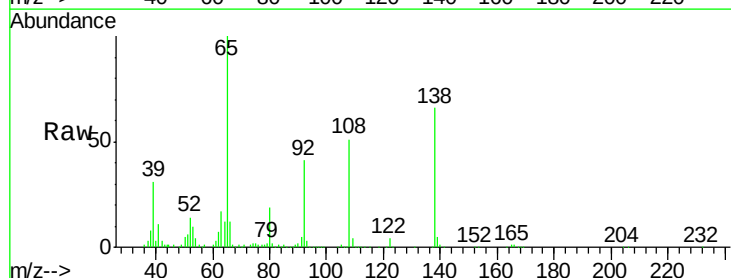
Tgt Ion:138 Resp: 251828

Ion Ratio Lower Upper

138 100

92 61.1 33.6 73.6

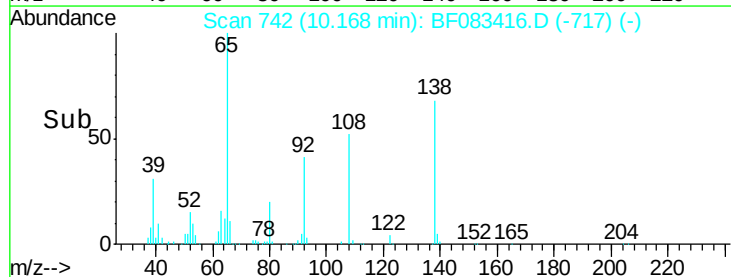
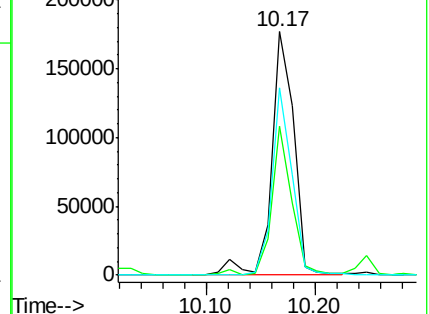
108 76.9 51.0 91.0

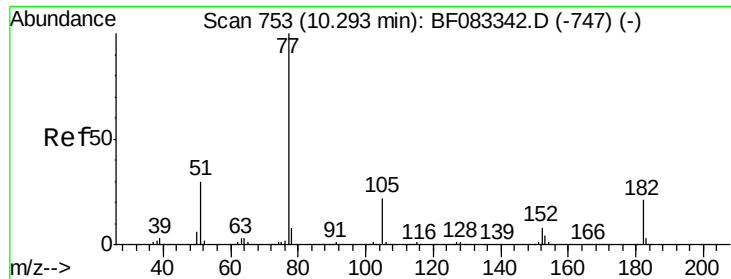


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 46.29 ng

RT: 10.28 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

Tgt Ion: 77 Resp: 1341101

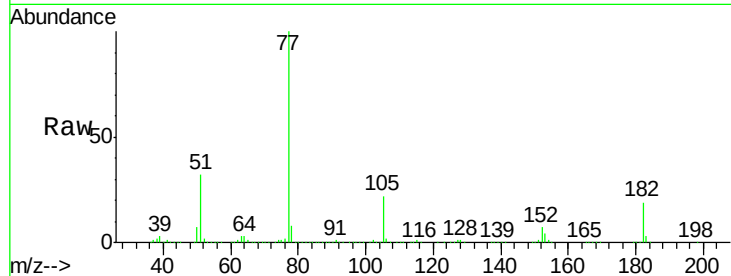
Ion Ratio Lower Upper

77 100

182 19.0 0.8 40.8

105 21.6 2.3 42.3

51 31.8 10.6 50.6

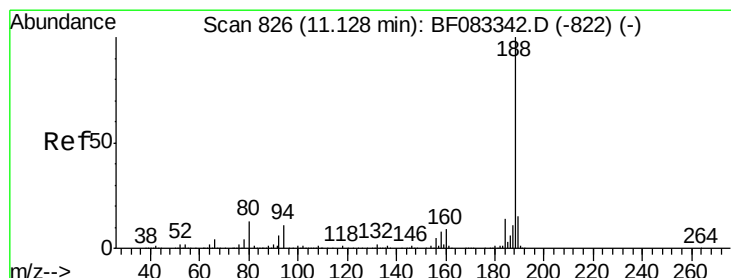
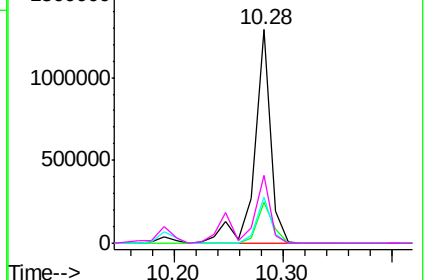
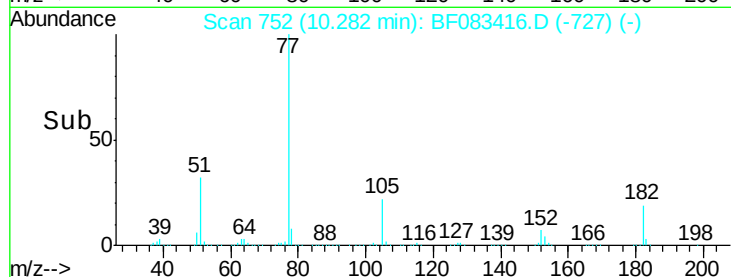


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

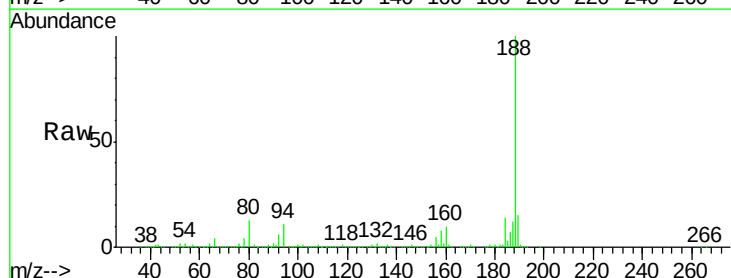
Tgt Ion: 188 Resp: 571972

Ion Ratio Lower Upper

188 100

94 11.4 8.7 13.1

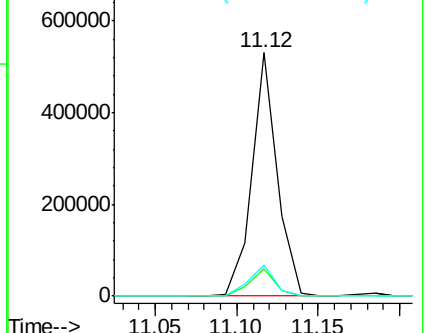
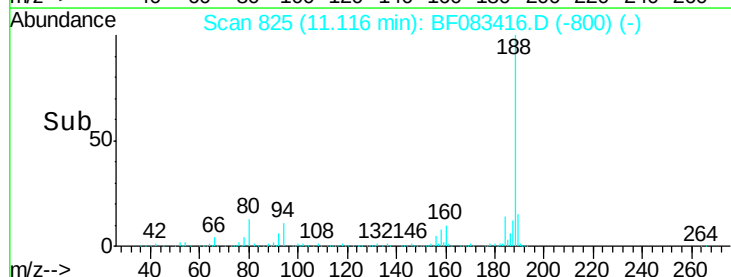
80 12.9 10.3 15.5

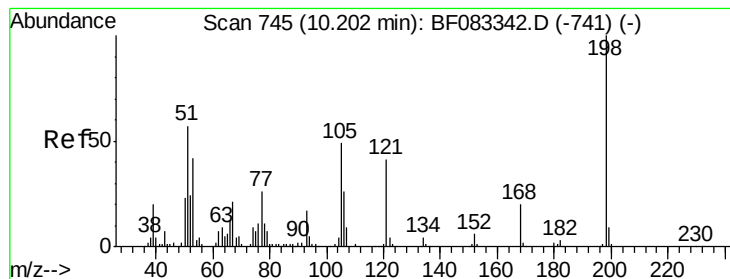


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 39.88 ng

RT: 10.19 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

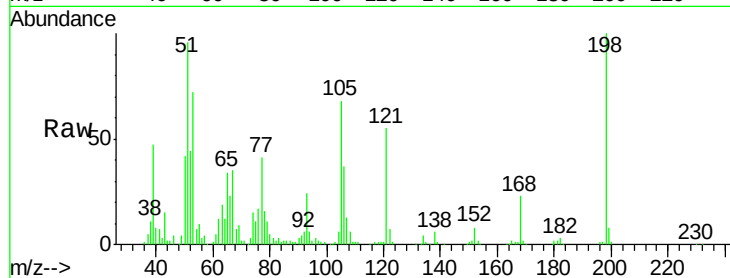
Tgt Ion:198 Resp: 153143

Ion Ratio Lower Upper

198 100

51 96.0 38.3 78.3#

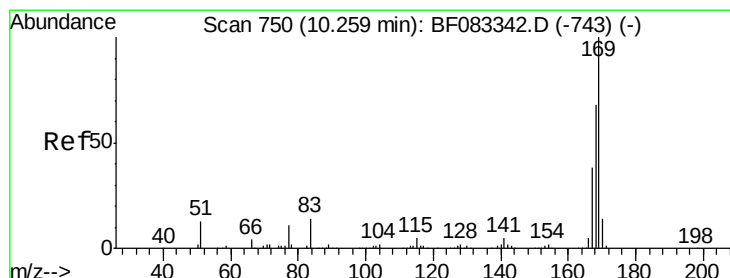
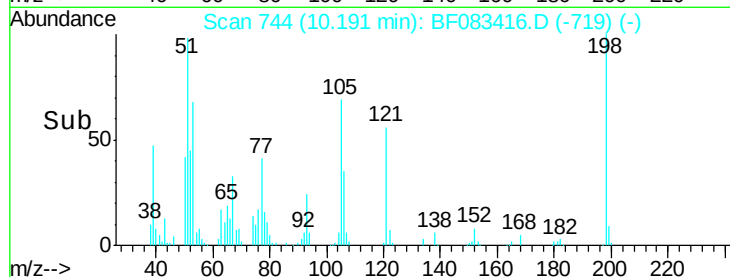
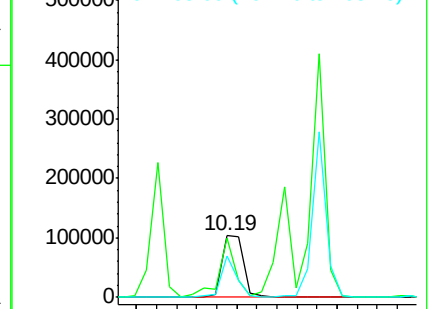
105 67.5 29.2 69.2



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: 45.26 ng

RT: 10.25 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

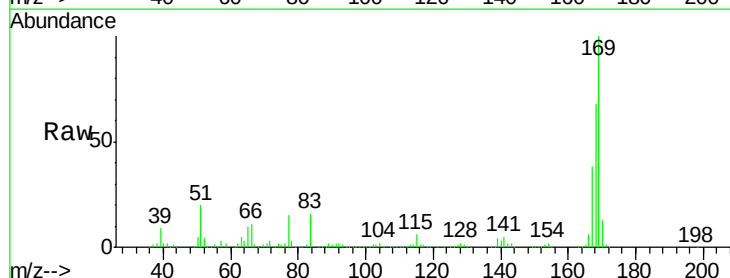
Tgt Ion:169 Resp: 909613

Ion Ratio Lower Upper

169 100

168 68.2 54.8 82.2

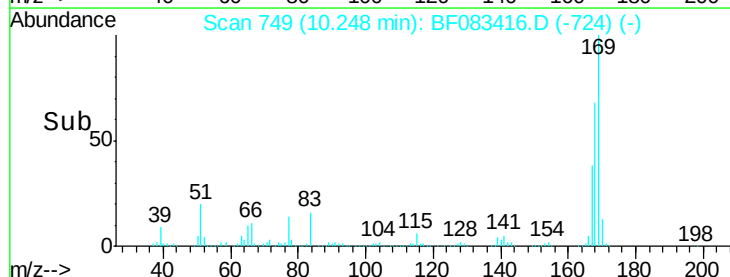
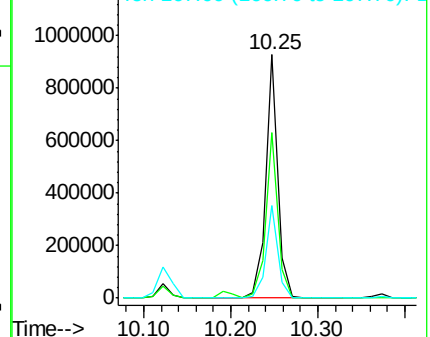
167 38.2 30.2 45.2

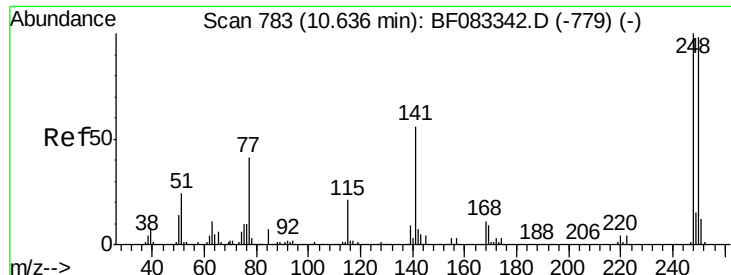


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

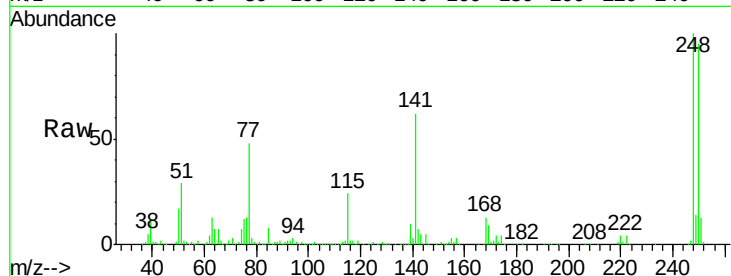




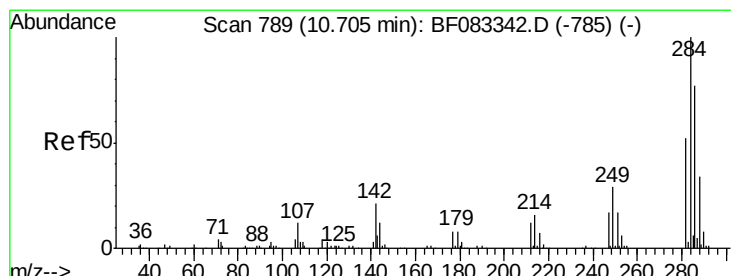
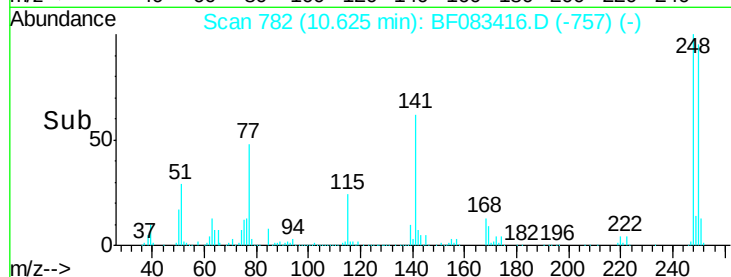
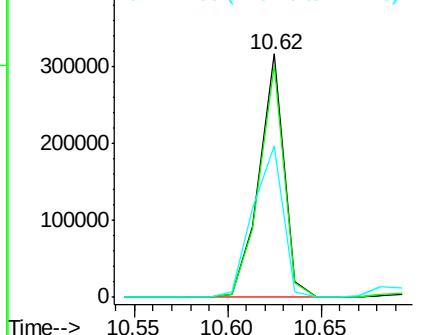
#66
 4-Bromophenyl-phenylether
 Concen: 47.56 ng
 RT: 10.62 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

Tgt Ion:248 Resp: 297573
 Ion Ratio Lower Upper
 248 100
 250 95.4 78.6 118.0
 141 62.2 44.4 66.6

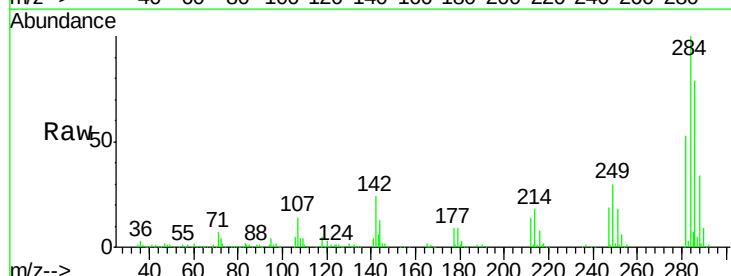


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

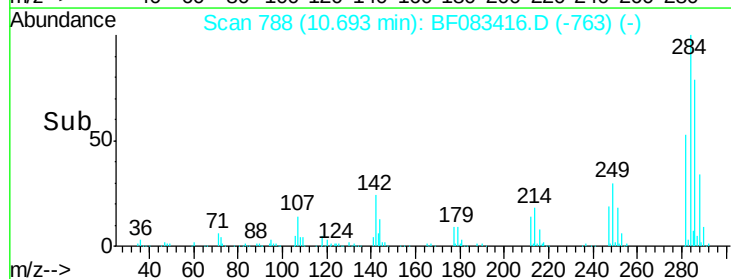
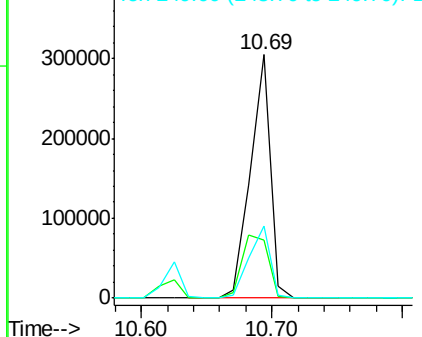


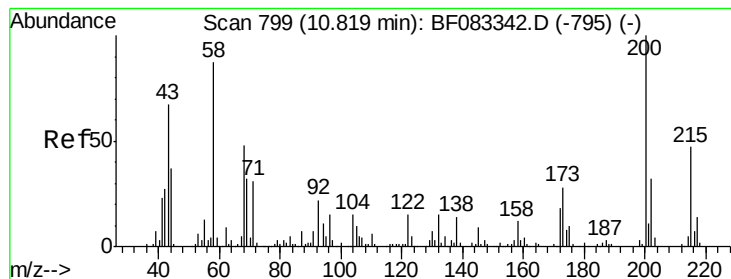
#67
 Hexachlorobenzene
 Concen: 46.83 ng
 RT: 10.69 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion:284 Resp: 323953
 Ion Ratio Lower Upper
 284 100
 142 23.8 16.6 24.8
 249 29.8 23.0 34.4



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





#68

Atrazine

Concen: 55.28 ng

RT: 10.82 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

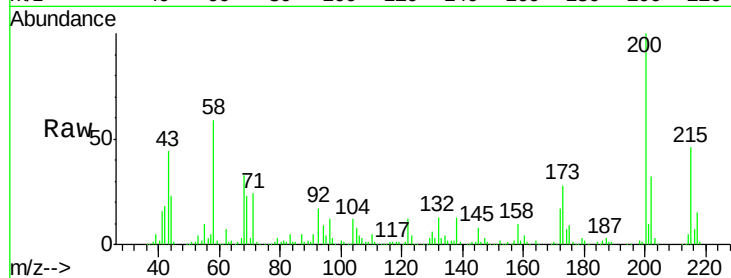
Tgt Ion:200 Resp: 307289

Ion Ratio Lower Upper

200 100

173 28.0 8.3 48.3

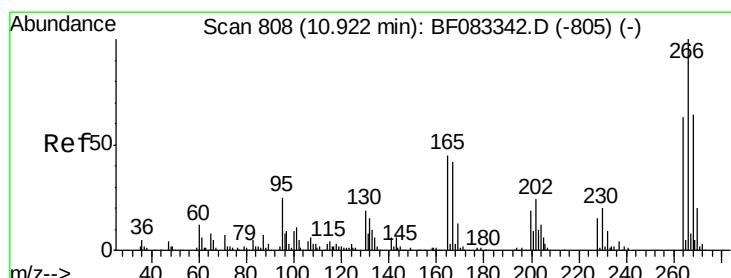
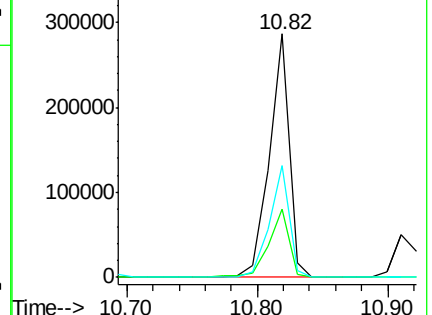
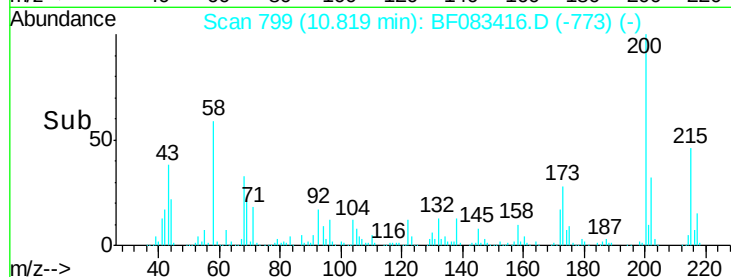
215 45.9 26.7 66.7



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: 95.98 ng

RT: 10.91 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

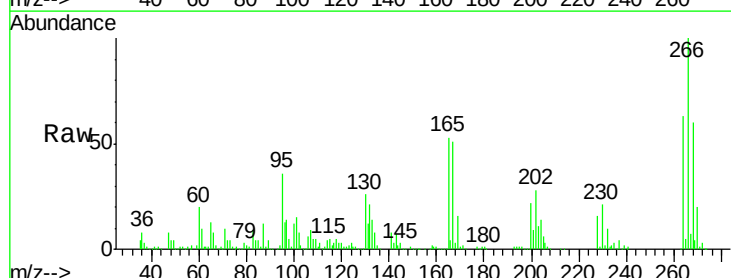
Tgt Ion:266 Resp: 347814

Ion Ratio Lower Upper

266 100

268 60.0 51.5 77.3

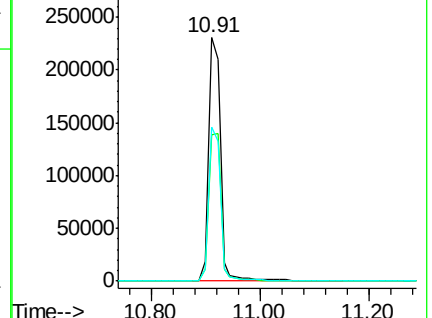
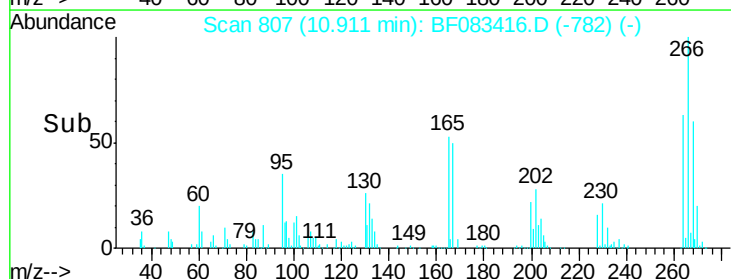
264 63.3 50.4 75.6

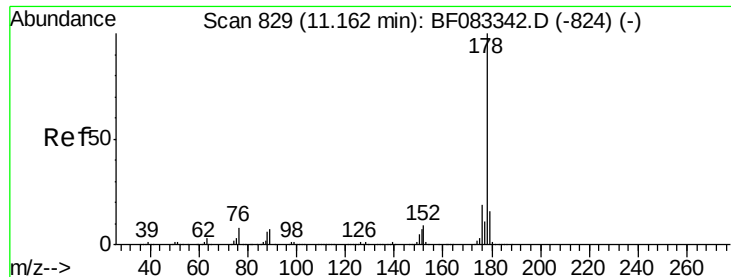


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

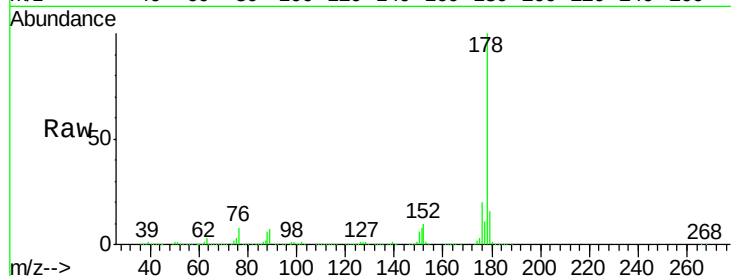




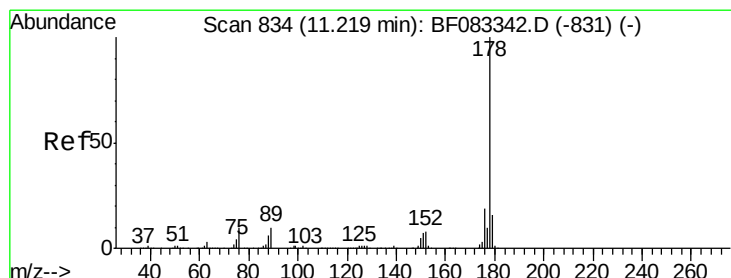
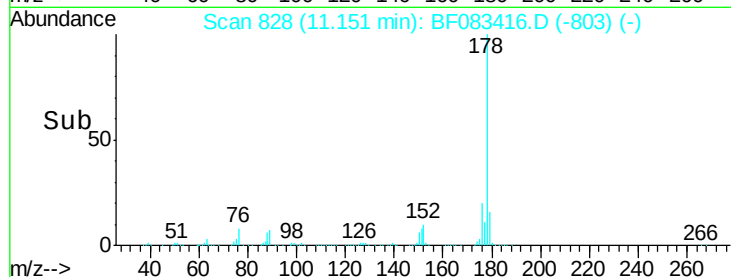
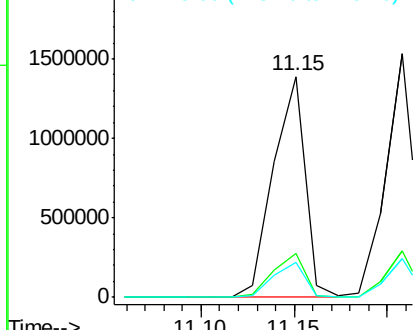
#70
Phenanthrene
Concen: 48.87 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tgt Ion:178 Resp: 1654179
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 15.9 12.4 18.6

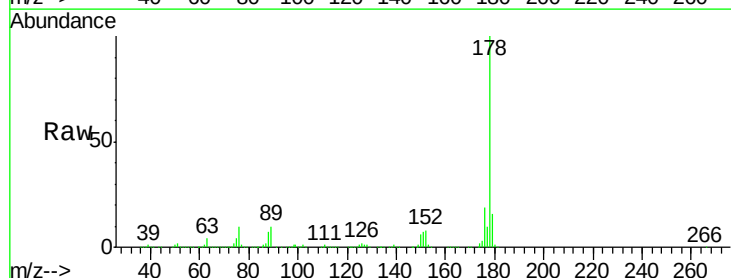


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

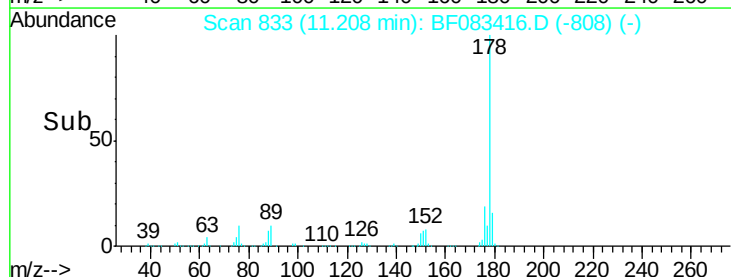
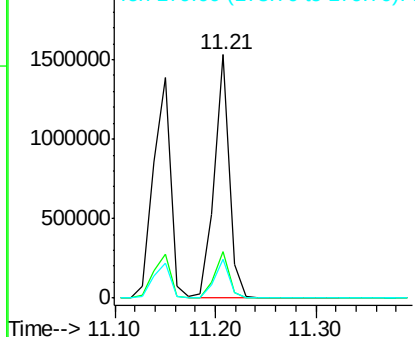


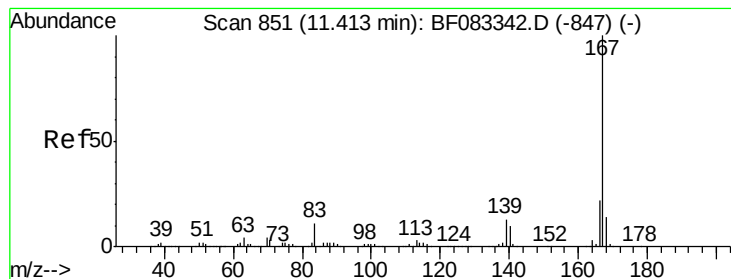
#71
Anthracene
Concen: 46.61 ng
RT: 11.21 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion:178 Resp: 1588224
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 16.0 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: 45.43 ng

RT: 11.40 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

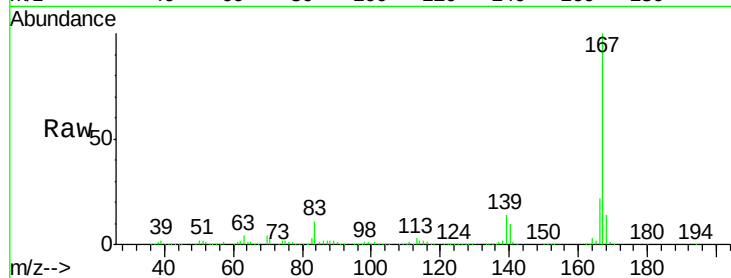
Tgt Ion:167 Resp: 1390894

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

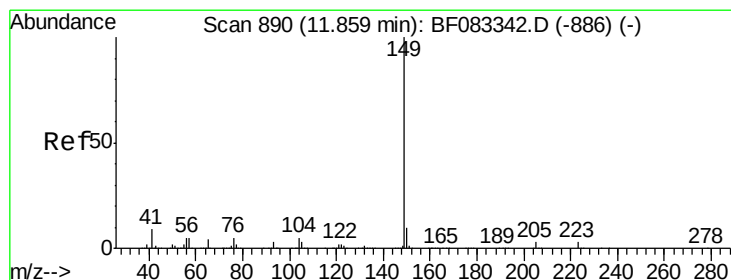
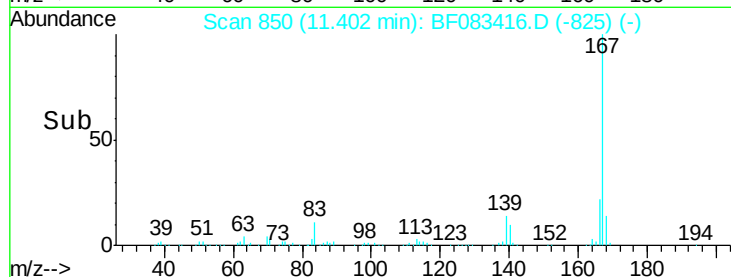
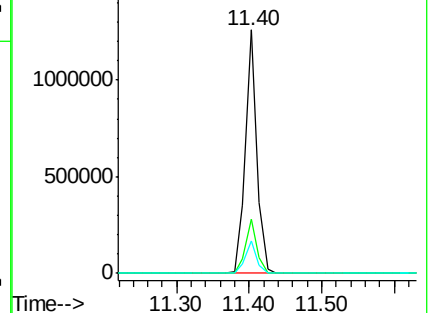
139 13.6 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 47.93 ng

RT: 11.85 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

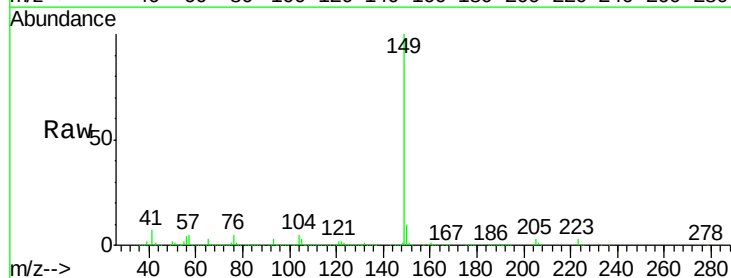
Tgt Ion:149 Resp: 1739283

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

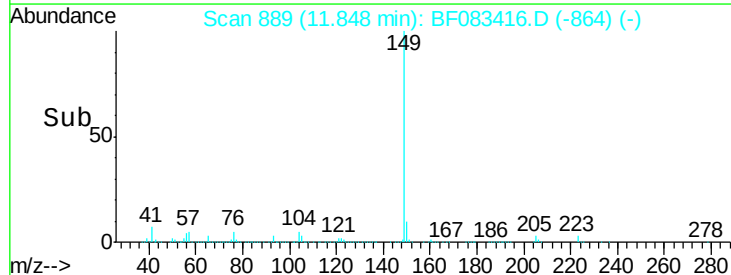
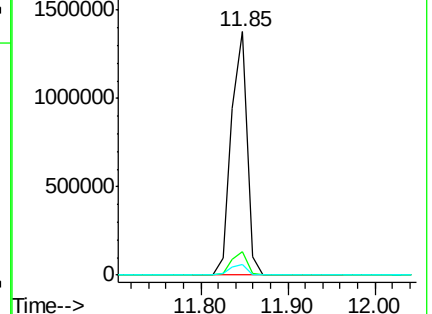
104 4.6 4.0 6.0

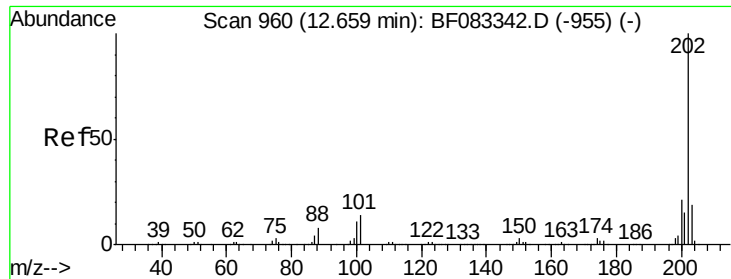


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

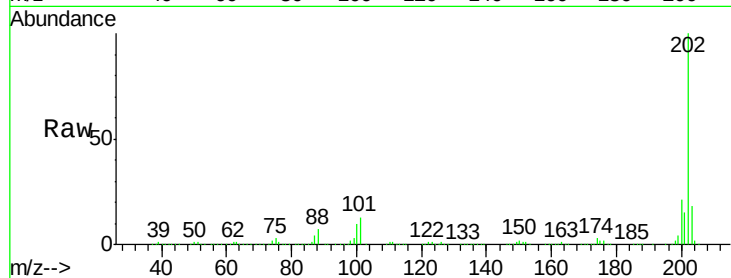




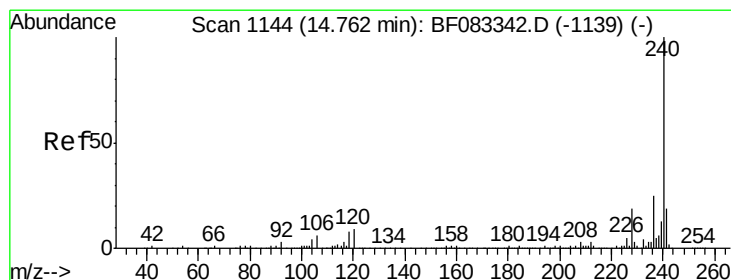
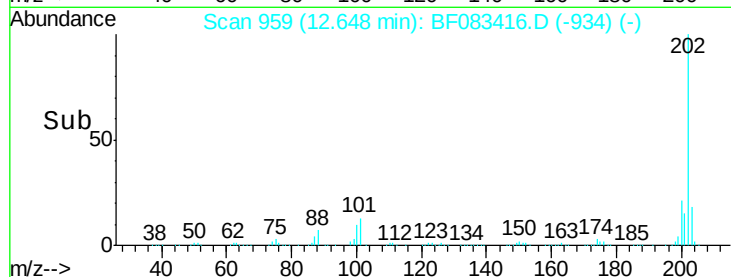
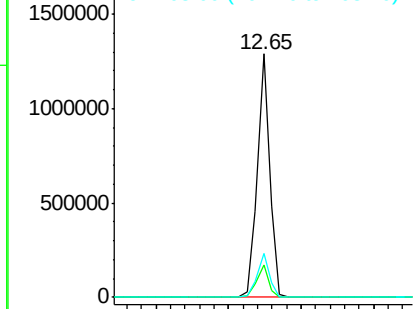
#74
 Fluoranthene
 Concen: 44.98 ng
 RT: 12.65 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

Tgt Ion: 202 Resp: 1578104
 Ion Ratio Lower Upper
 202 100
 101 13.4 0.0 34.5
 203 18.2 0.0 38.7

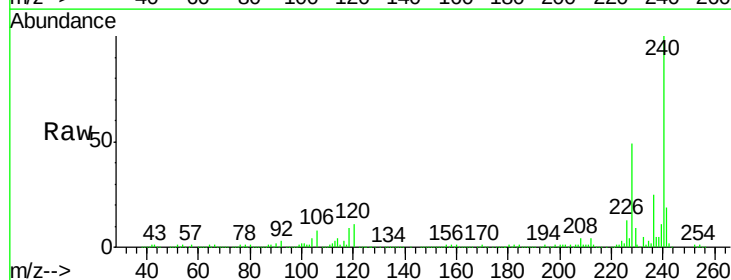


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

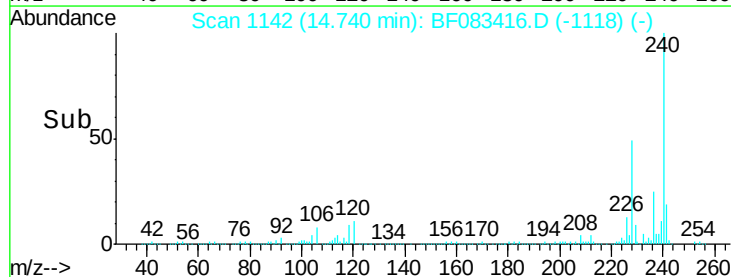
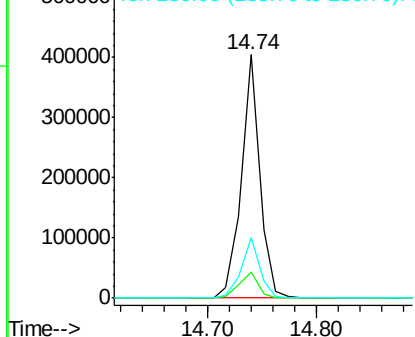


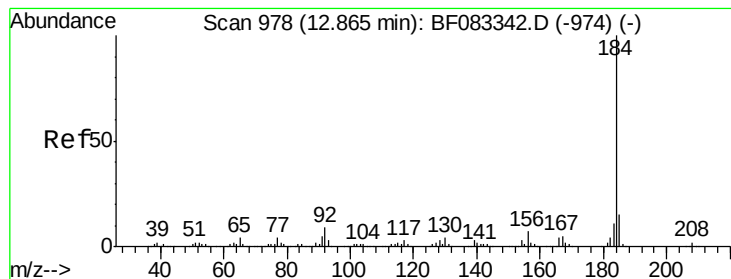
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.74 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion: 240 Resp: 470786
 Ion Ratio Lower Upper
 240 100
 120 10.8 6.9 10.3#
 236 25.0 19.8 29.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 44.16 ng

RT: 12.85 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

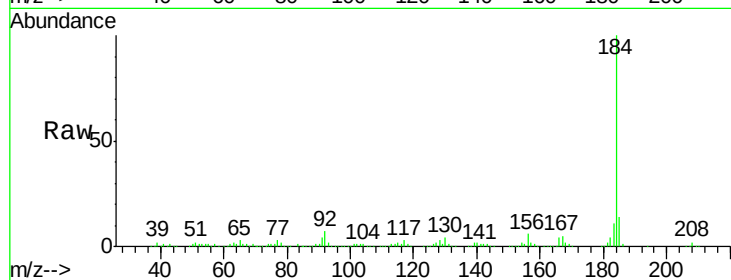
Tgt Ion:184 Resp: 619159

Ion Ratio Lower Upper

184 100

185 13.8 12.4 18.6

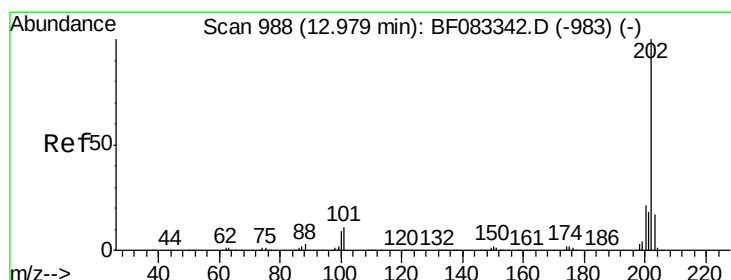
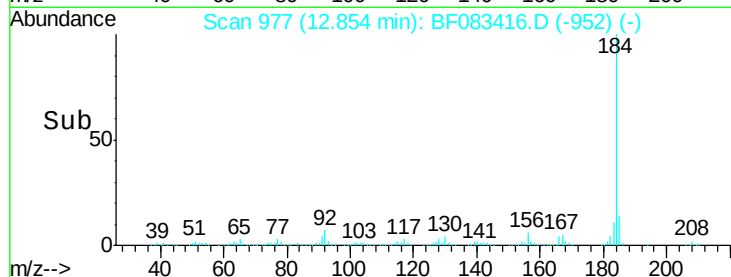
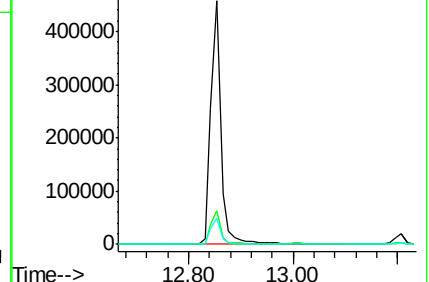
183 10.9 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 49.76 ng

RT: 12.96 min Scan# 986

Delta R.T. -0.02 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

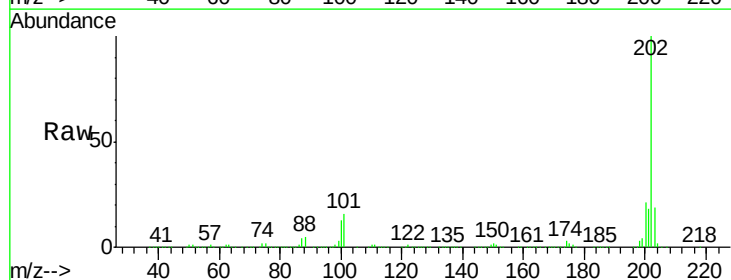
Tgt Ion:202 Resp: 1636010

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

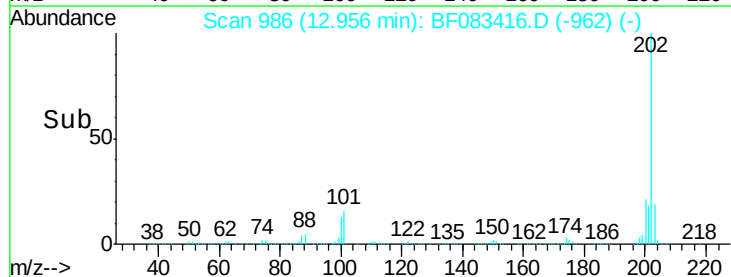
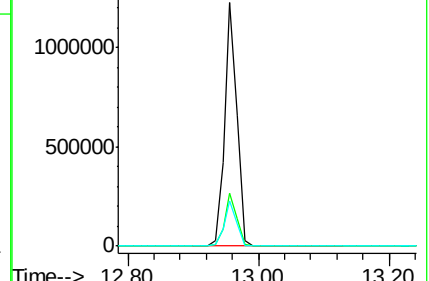
203 18.6 13.9 20.9

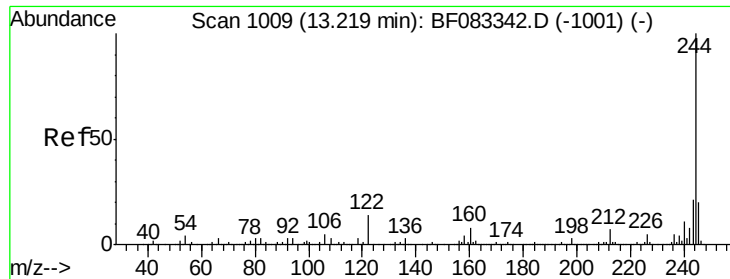


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 91.03 ng

RT: 13.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

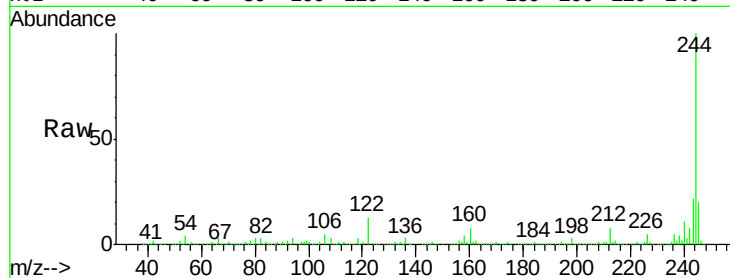
Tgt Ion:244 Resp: 1796929

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

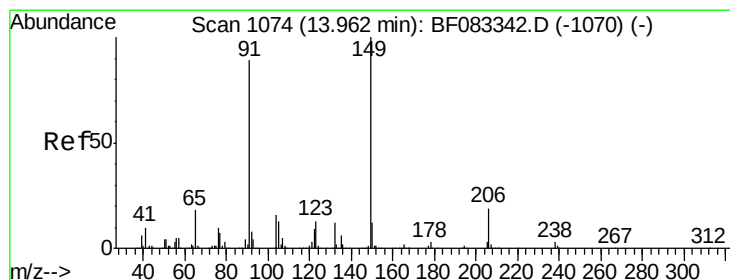
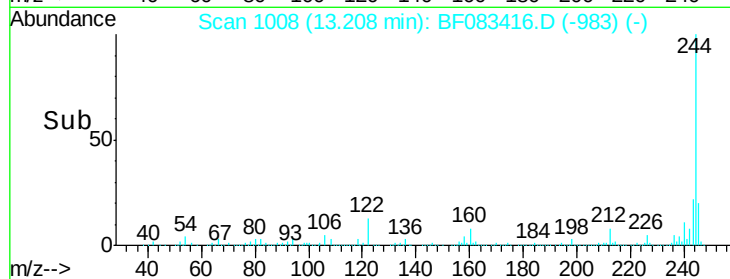
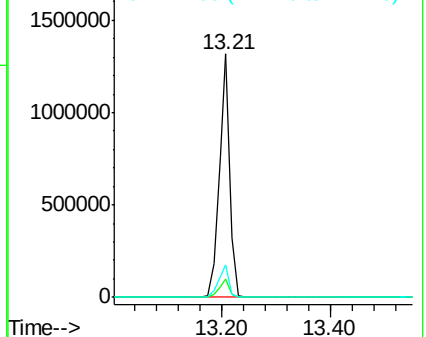
122 13.1 11.0 16.4



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: 51.58 ng

RT: 13.95 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

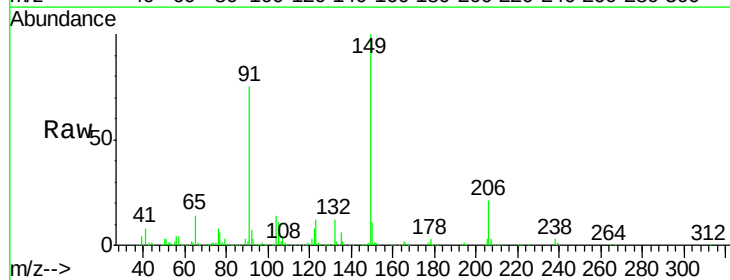
Tgt Ion:149 Resp: 719463

Ion Ratio Lower Upper

149 100

91 75.4 71.4 107.2

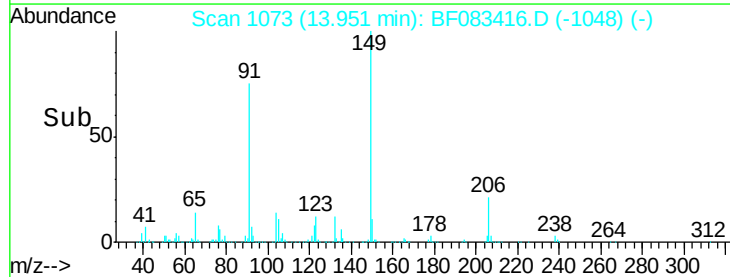
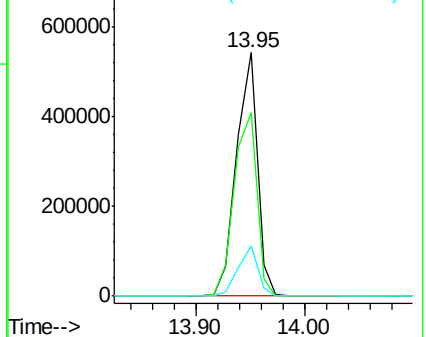
206 20.7 15.1 22.7

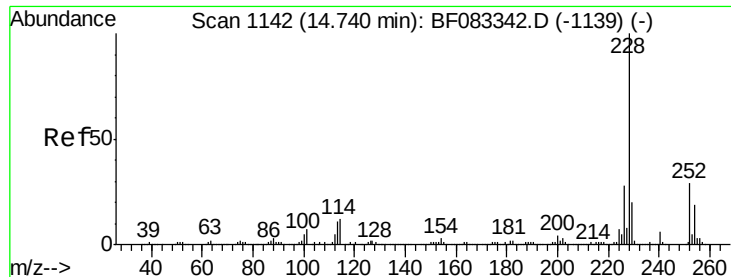


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 46.67 ng

RT: 14.73 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

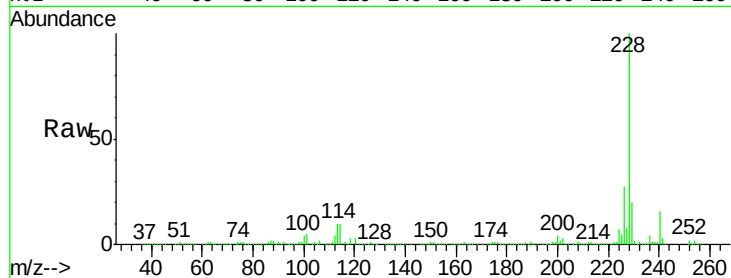
Tgt Ion:228 Resp: 1345965

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

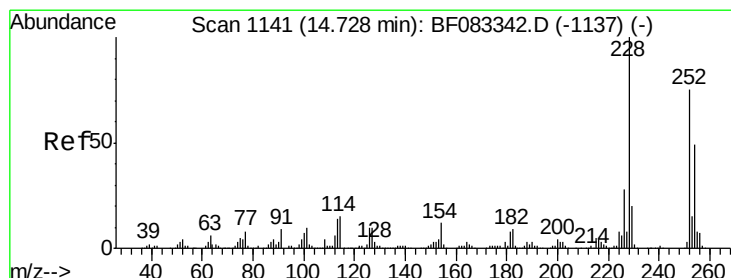
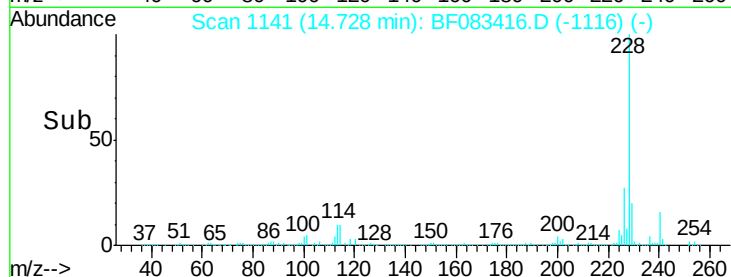
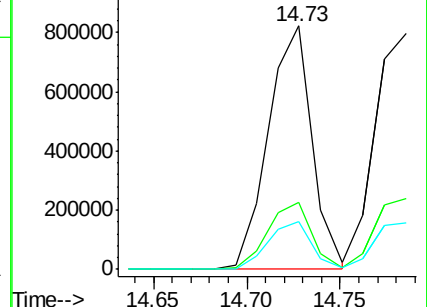
229 19.7 16.1 24.1



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: 33.05 ng

RT: 14.72 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

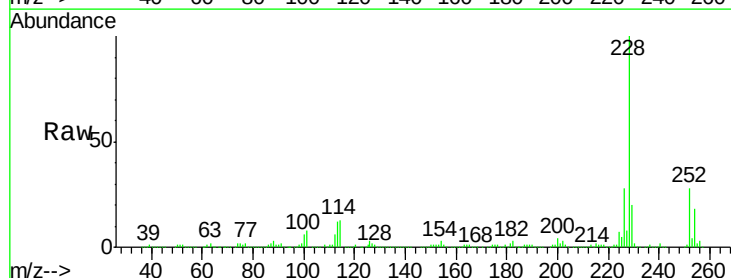
Tgt Ion:252 Resp: 297718

Ion Ratio Lower Upper

252 100

254 64.7 52.0 78.0

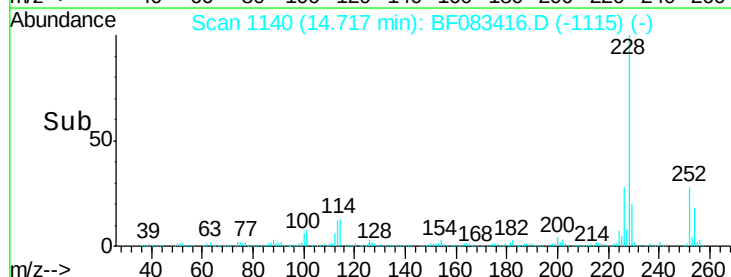
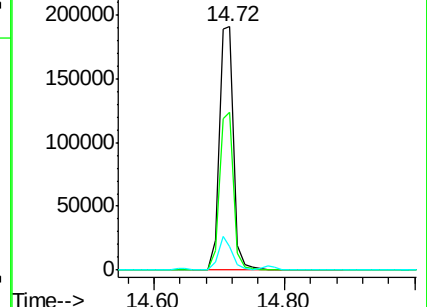
126 9.9 10.7 16.1#

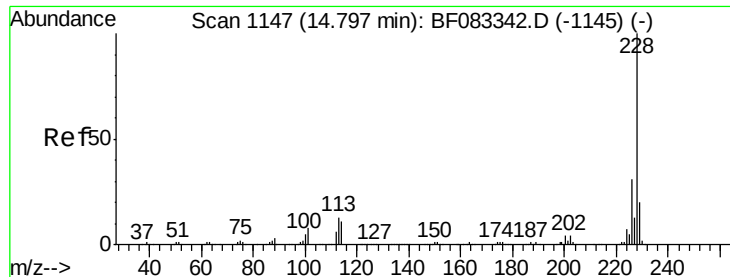


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 44.53 ng

RT: 14.79 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

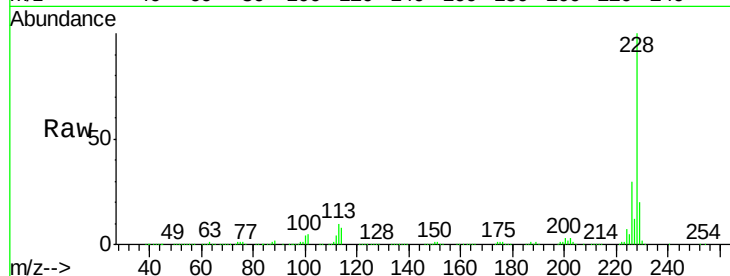
Tgt Ion:228 Resp: 1240821

Ion Ratio Lower Upper

228 100

226 30.2 24.6 37.0

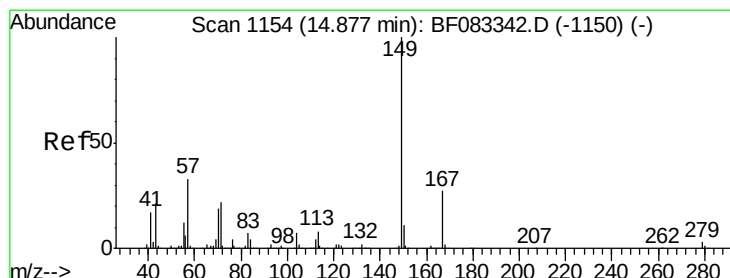
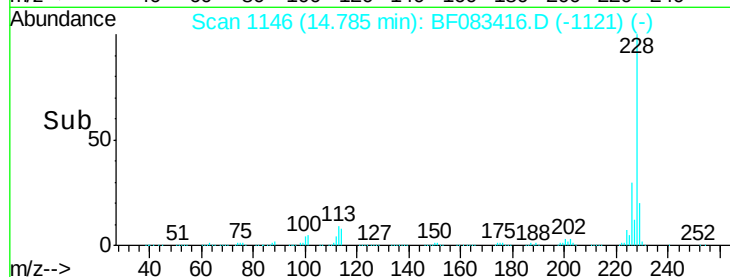
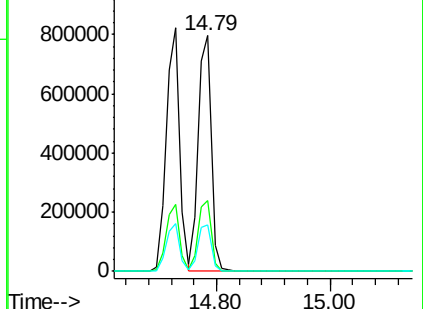
229 19.9 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 52.94 ng

RT: 14.85 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

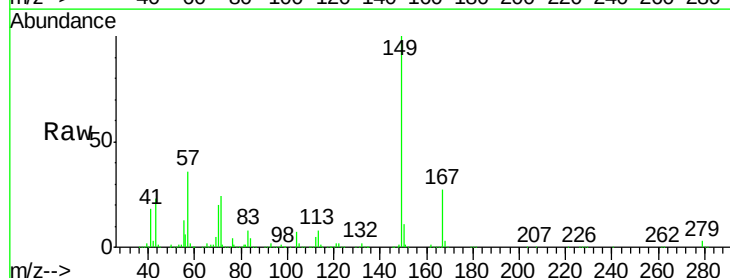
Tgt Ion:149 Resp: 990440

Ion Ratio Lower Upper

149 100

167 27.1 21.5 32.3

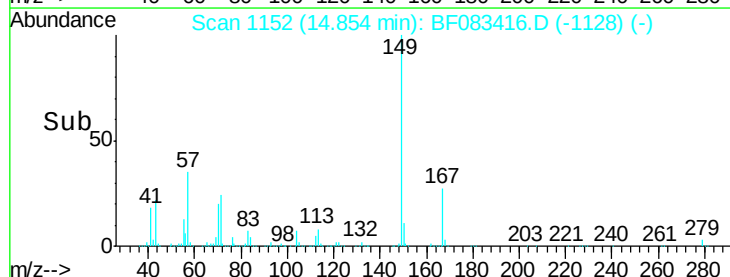
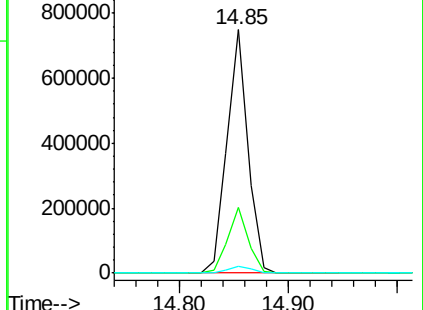
279 2.9 2.6 3.8

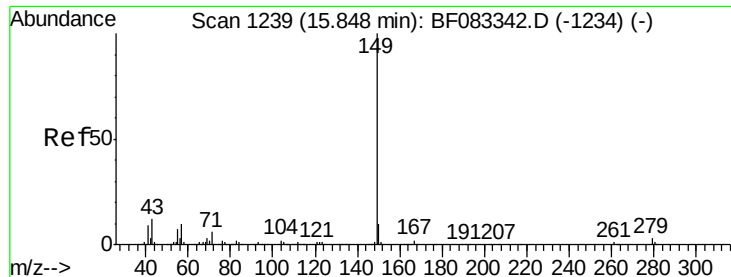


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

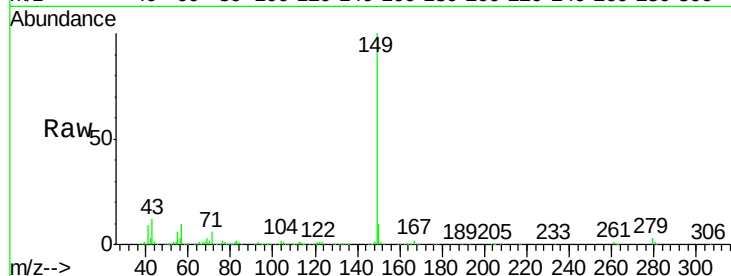




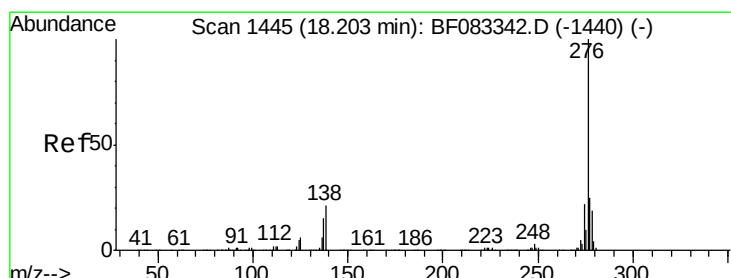
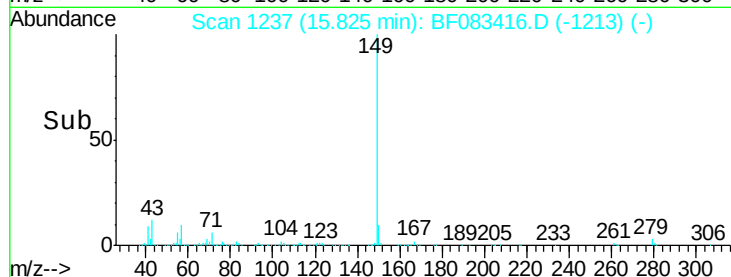
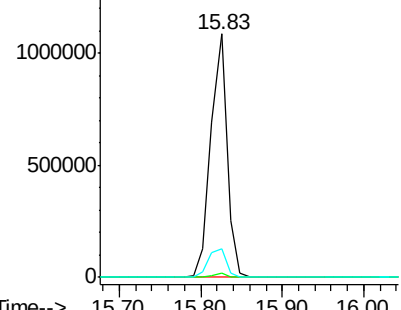
#84
Di-n-octyl phthalate
Concen: 53.94 ng
RT: 15.83 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tgt Ion:149 Resp: 1502874
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.2 11.0 16.6

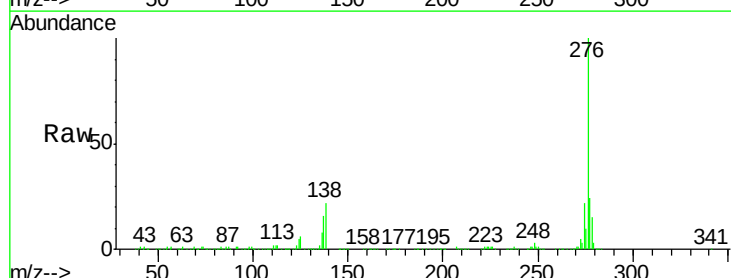


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

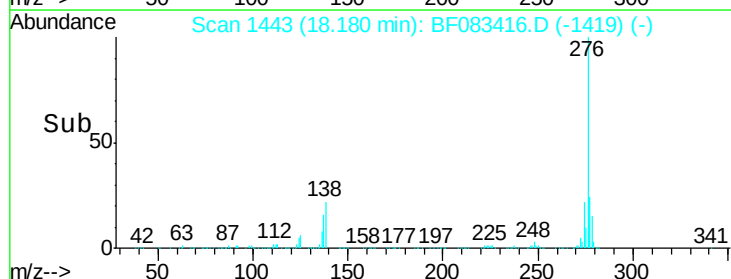
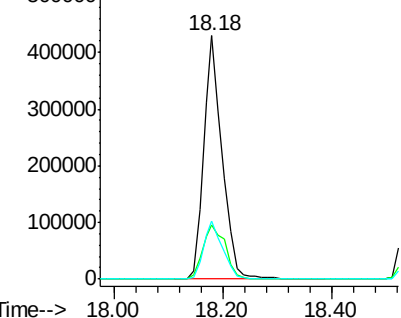


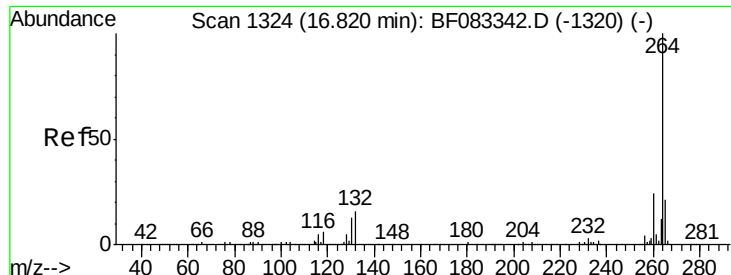
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.55 ng
RT: 18.18 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion:276 Resp: 1025952
Ion Ratio Lower Upper
276 100
138 27.0 21.2 31.8
277 25.0 20.0 30.0



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

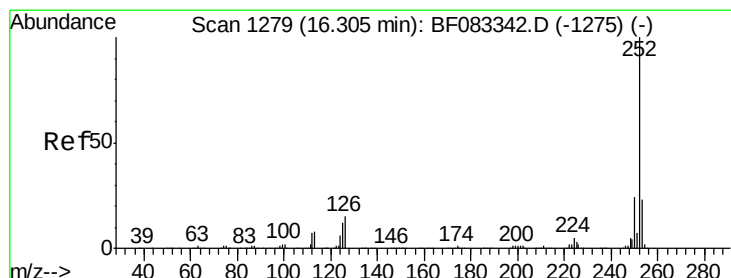
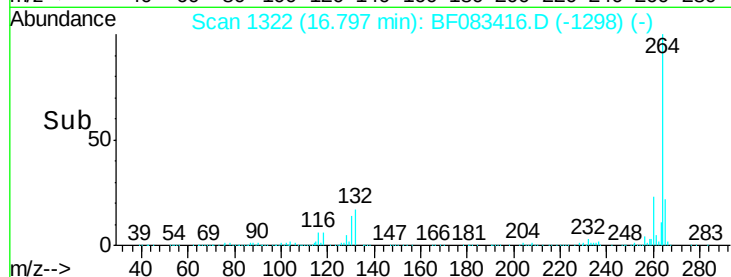
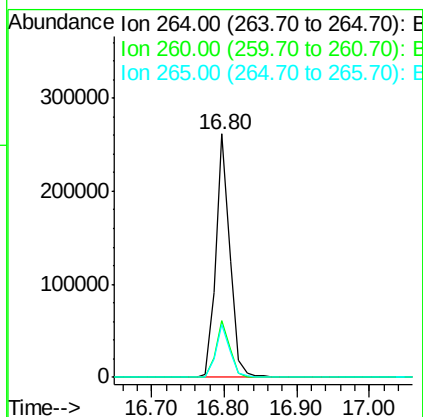
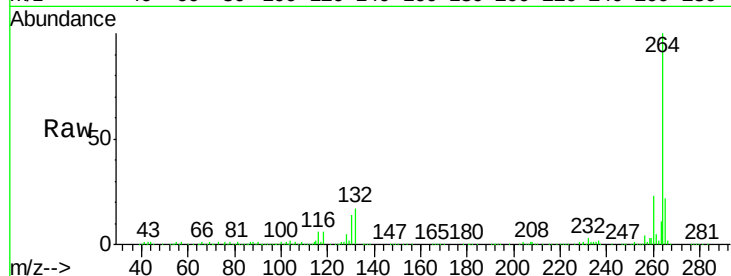




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.80 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

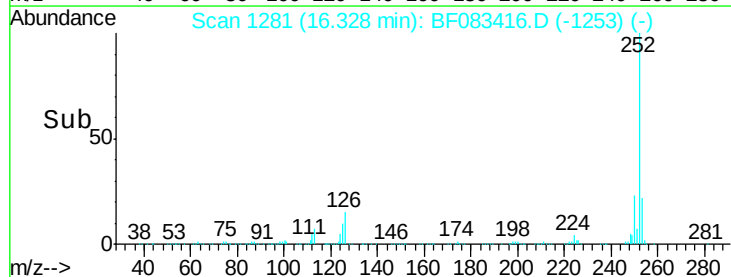
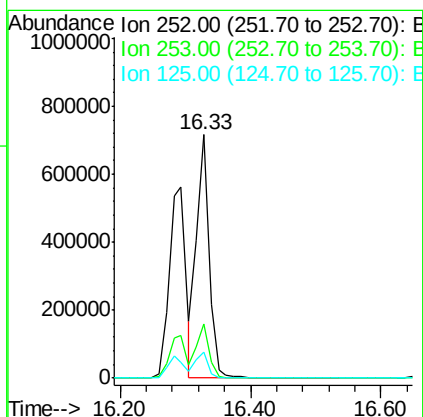
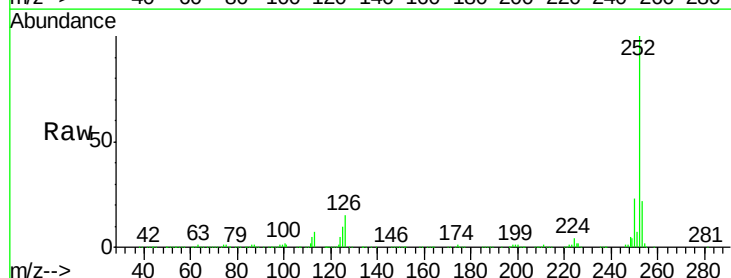
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

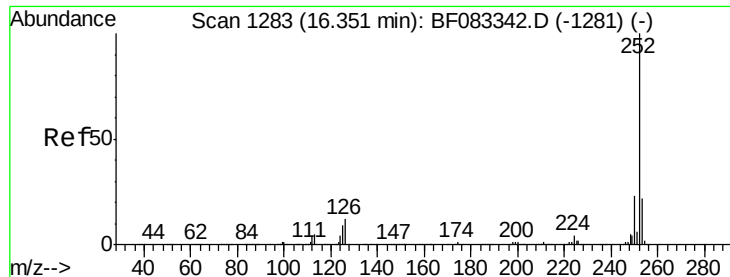
Tgt Ion: 264 Resp: 350738
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.6 16.8 25.2



#87
 Benzo(b)fluoranthene
 Concen: 42.42 ng
 RT: 16.33 min Scan# 1281
 Delta R.T. 0.02 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion: 252 Resp: 954582
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.4 27.6
 125 10.5 9.6 14.4

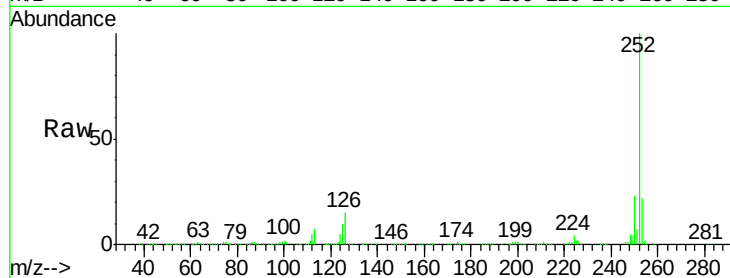




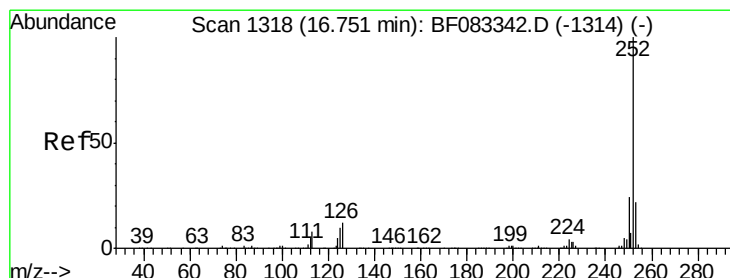
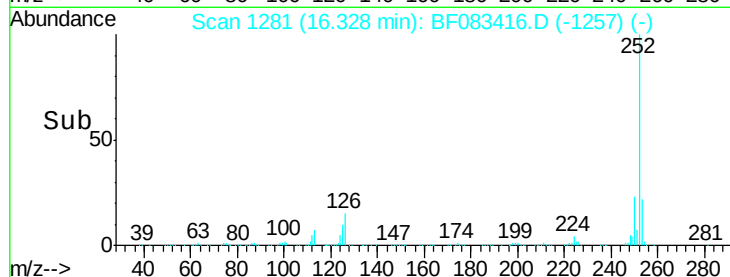
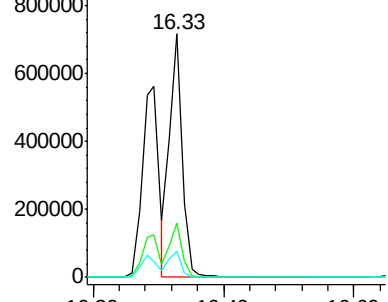
#88
Benzo(k)fluoranthene
Concen: 44.92 ng
RT: 16.33 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tgt Ion:252 Resp: 954582
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.5 7.5 11.3

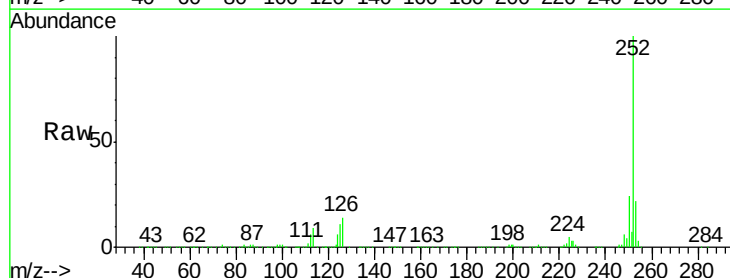


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

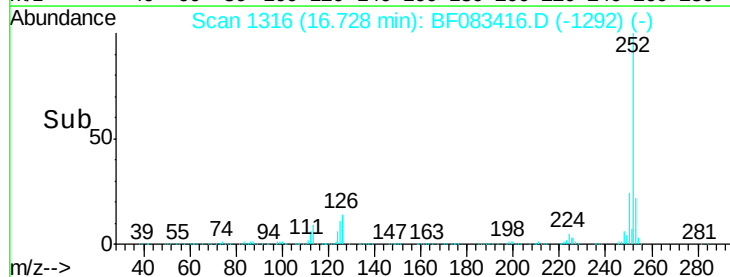
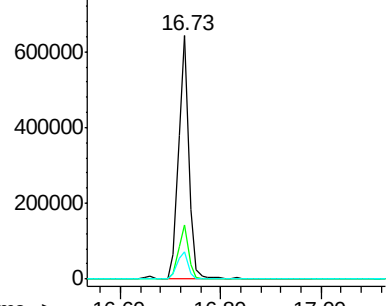


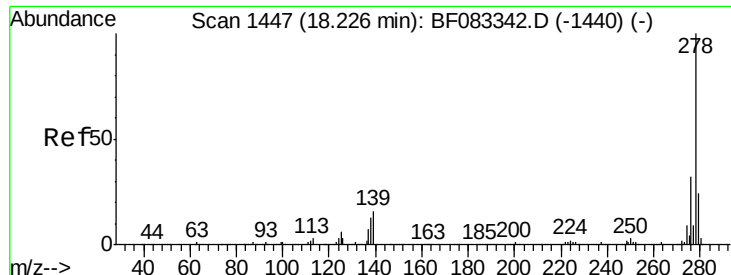
#89
Benzo(a)pyrene
Concen: 46.96 ng
RT: 16.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion:252 Resp: 907827
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.4 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 51.30 ng

RT: 18.20 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

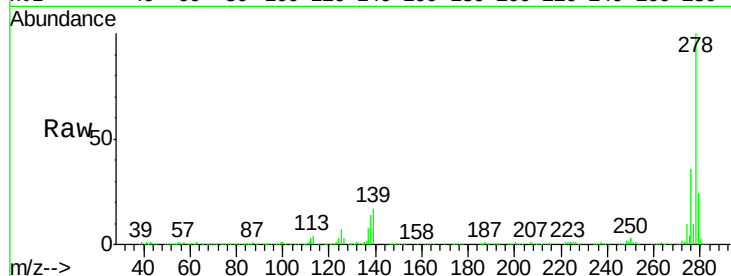
Tgt Ion:278 Resp: 864031

Ion Ratio Lower Upper

278 100

139 17.4 13.1 19.7

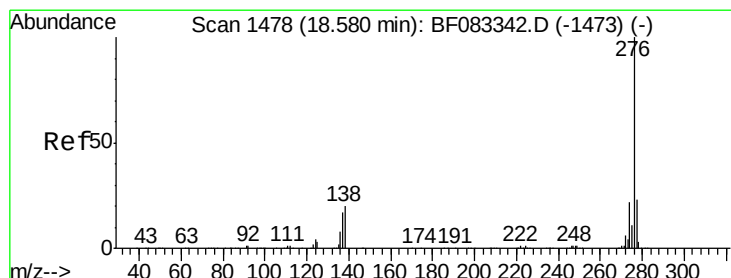
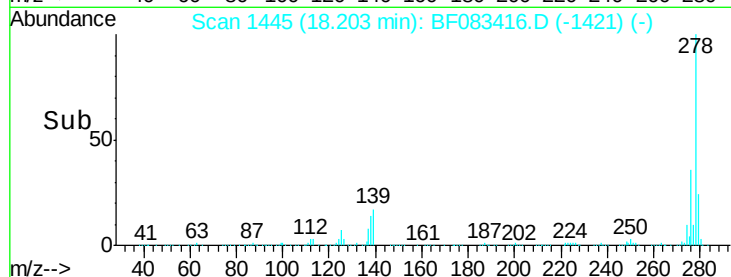
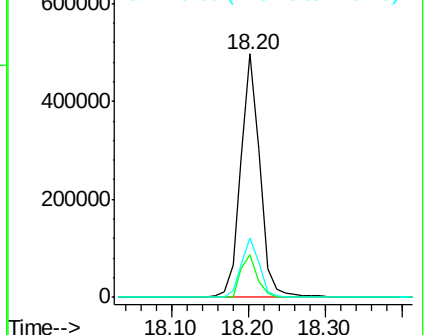
279 24.4 19.2 28.8



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: 51.84 ng

RT: 18.56 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

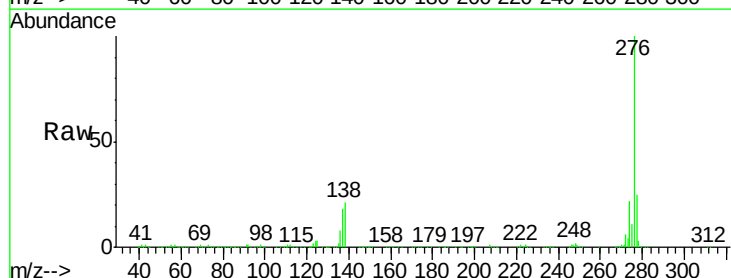
Tgt Ion:276 Resp: 856984

Ion Ratio Lower Upper

276 100

277 24.7 18.6 28.0

138 20.6 16.1 24.1



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

