

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083356.D
 Acq On : 1 Dec 2015 2:13
 Operator : UM/IZ
 Sample : PB86541BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Quant Time: Dec 01 10:06:30 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	6.54	152	150321	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	587004	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	313253	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	608754	20.00	ng	0.00
75) Chrysene-d12	14.76	240	560871	20.00	ng	0.00
86) Perylene-d12	16.82	264	424387	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1167235	116.52	ng	0.01
7) Phenol-d6	6.22	99	1606244	117.14	ng	0.00
23) Nitrobenzene-d5	7.13	82	1037237	77.68	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	364994	116.07	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1652924	75.19	ng	0.00
78) Terphenyl-d14	13.22	244	1752525	74.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	174099	32.09	ng	94
3) Pyridine	2.62	79	446257	32.89	ng	97
4) n-Nitrosodimethylamine	2.58	42	283020	42.38	ng	97
6) Aniline	6.21	93	499886	26.65	ng	94
8) 2-Chlorophenol	6.34	128	477169	43.18	ng	96
9) Benzaldehyde	6.09	77	249321	37.20	ng	97
10) Phenol	6.24	94	739133	44.80	ng	99
11) bis(2-Chloroethyl)ether	6.29	93	510666	42.55	ng	99
12) 1,3-Dichlorobenzene	6.49	146	501699	40.84	ng	98
13) 1,4-Dichlorobenzene	6.57	146	530974	41.82	ng	99
14) 1,2-Dichlorobenzene	6.57	146	530974	45.59	ng	96
15) Benzyl Alcohol	6.72	79	473104	44.64	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	900722	42.77	ng	# 39
17) 2-Methylphenol	6.84	107	408782	44.38	ng	99
18) Hexachloroethane	7.06	117	181791	41.23	ng	97
19) n-Nitroso-di-n-propylamine	6.98	70	391595	39.95	ng	88
20) 3+4-Methylphenols	7.00	107	545145	43.70	ng	99
22) Acetophenone	6.97	105	689184	39.24	ng	# 91
24) Nitrobenzene	7.14	77	540937	37.93	ng	# 85
25) Isophorone	7.39	82	1047705	40.50	ng	98
26) 2-Nitrophenol	7.46	139	234372	40.26	ng	96
27) 2,4-Dimethylphenol	7.53	122	425402	43.60	ng	100
28) bis(2-Chloroethoxy)methane	7.61	93	622296	42.25	ng	99
29) 2,4-Dichlorophenol	7.71	162	396401	42.24	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	404232	39.57	ng	96
31) Naphthalene	7.86	128	1329564	41.74	ng	99
32) Benzoic acid	7.68	122	266581	39.61	ng	99
33) 4-Chloroaniline	7.93	127	230944	16.82	ng	97
34) Hexachlorobutadiene	7.98	225	234272	40.39	ng	98
35) Caprolactam	8.35	113	28814	9.72	ng	96
36) 4-Chloro-3-methylphenol	8.43	107	478095	45.42	ng	90
37) 2-Methylnaphthalene	8.56	142	878366	41.27	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	375358	37.80	ng	98
40) Hexachlorocyclopentadiene	8.70	237	395296	83.80	ng	100

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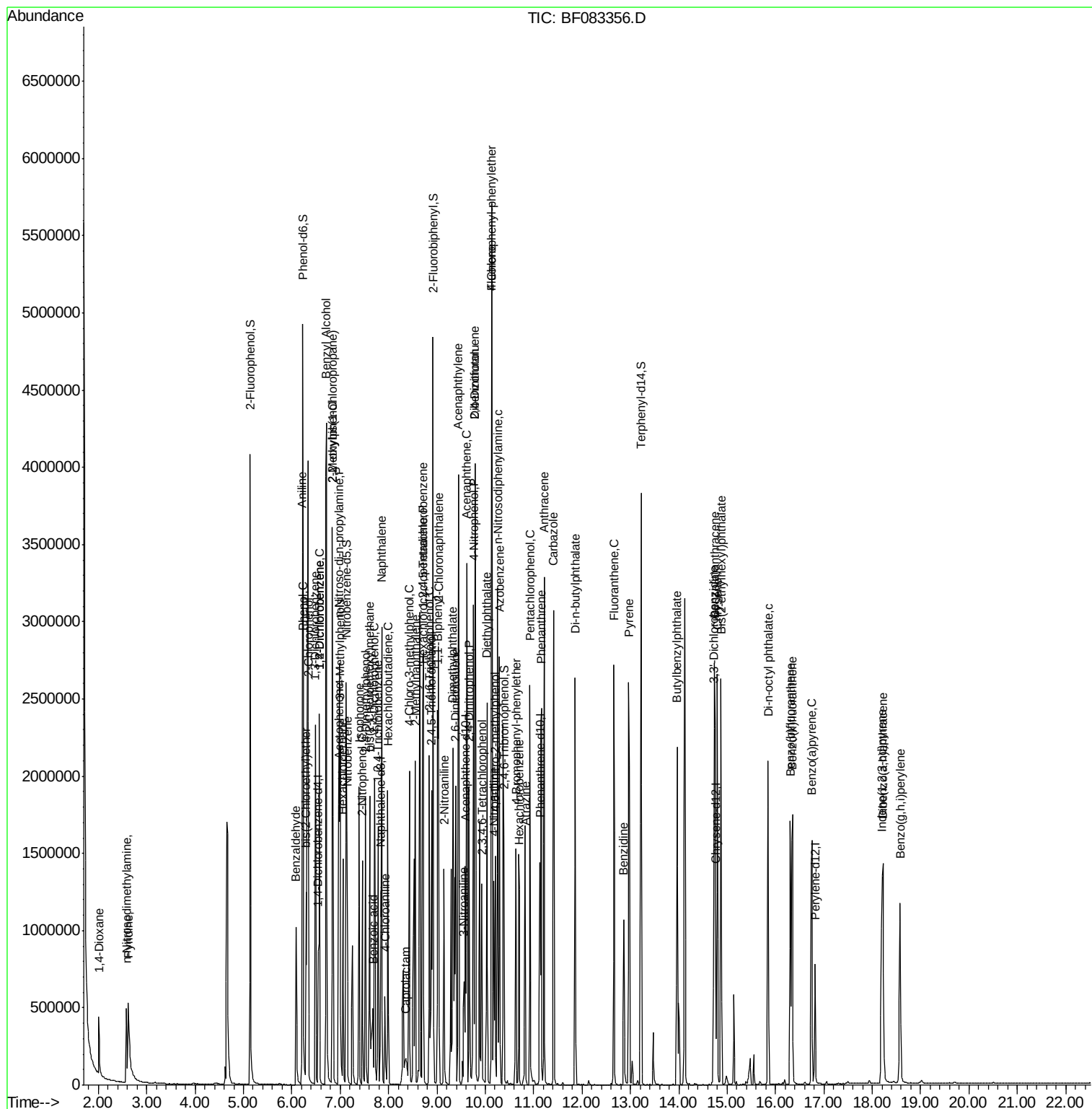
Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

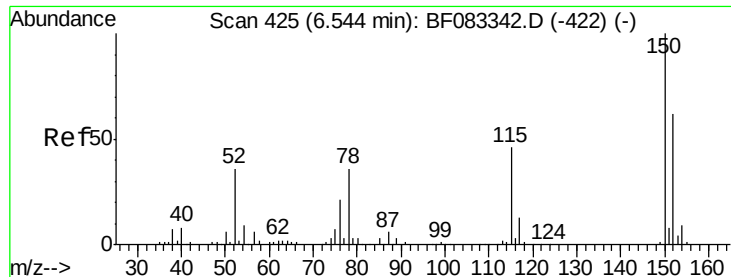
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	288424	41.41	ng	98
43) 2,4,5-Trichlorophenol	8.89	196	312521	43.30	ng	99
45) 1,1'-Biphenyl	9.01	154	1029407	37.47	ng	95
46) 2-Chloronaphthalene	9.04	162	849265	40.57	ng	99
47) 2-Nitroaniline	9.15	65	335369	40.45	ng	94
48) Acenaphthylene	9.45	152	1317119	39.45	ng	99
49) Dimethylphthalate	9.33	163	973257	38.23	ng	100
50) 2,6-Dinitrotoluene	9.39	165	233064	42.87	ng	96
51) Acenaphthene	9.62	154	792777	40.36	ng	100
52) 3-Nitroaniline	9.56	138	136338	21.40	ng	83
53) 2,4-Dinitrophenol	9.66	184	250310	74.37	ng	88
54) Dibenzofuran	9.79	168	1157832	40.23	ng	99
55) 4-Nitrophenol	9.76	139	359349	90.16	ng	# 81
56) 2,4-Dinitrotoluene	9.79	165	287124	41.62	ng	93
57) Fluorene	10.13	166	922884	40.61	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	254906	43.78	ng	98
59) Diethylphthalate	10.03	149	989508	40.78	ng	99
60) 4-Chlorophenyl-phenylether	10.13	204	451218	43.21	ng	99
61) 4-Nitroaniline	10.18	138	257526	40.39	ng	98
62) Azobenzene	10.29	77	1296073	44.21	ng	99
64) 4,6-Dinitro-2-methylphenol	10.20	198	184619	45.17	ng	94
65) n-Nitrosodiphenylamine	10.26	169	899746	42.06	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	282477	42.42	ng	97
67) Hexachlorobenzene	10.70	284	315801	42.89	ng	96
68) Atrazine	10.83	200	301125	50.90	ng	96
69) Pentachlorophenol	10.92	266	342997	88.93	ng	98
70) Phenanthrene	11.16	178	1521565	42.24	ng	100
71) Anthracene	11.22	178	1546629	42.64	ng	100
72) Carbazole	11.41	167	1394703	42.80	ng	99
73) Di-n-butylphthalate	11.86	149	1674373	43.36	ng	100
74) Fluoranthene	12.66	202	1605658	43.00	ng	98
76) Benzidine	12.86	184	544143	32.57	ng	98
77) Pyrene	12.97	202	1656759	42.30	ng	97
79) Butylbenzylphthalate	13.96	149	726086	43.70	ng	98
80) Benzo(a)anthracene	14.74	228	1470966	42.81	ng	99
81) 3,3'-Dichlorobenzidine	14.73	252	300175	27.97	ng	99
82) Chrysene	14.80	228	1302643	39.24	ng	100
83) Bis(2-ethylhexyl)phthalate	14.88	149	1000987	44.91	ng	100
84) Di-n-octyl phthalate	15.85	149	1556387	46.89	ng	100
85) Indeno(1,2,3-cd)pyrene	18.20	276	1112440	46.01	ng	100
87) Benzo(b)fluoranthene	16.31	252	1177892	43.26	ng	99
88) Benzo(k)fluoranthene	16.35	252	1043887	40.60	ng	98
89) Benzo(a)pyrene	16.75	252	1041701	44.54	ng	100
90) Dibenzo(a,h)anthracene	18.23	278	931173	45.69	ng	100
91) Benzo(g,h,i)perylene	18.58	276	938836	46.94	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

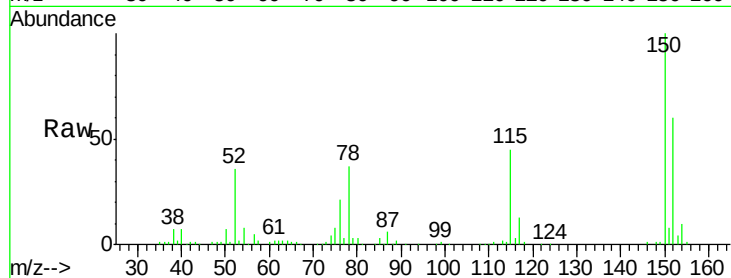
Tgt Ion:152 Resp: 150321

Ion Ratio Lower Upper

152 100

150 167.3 129.8 194.8

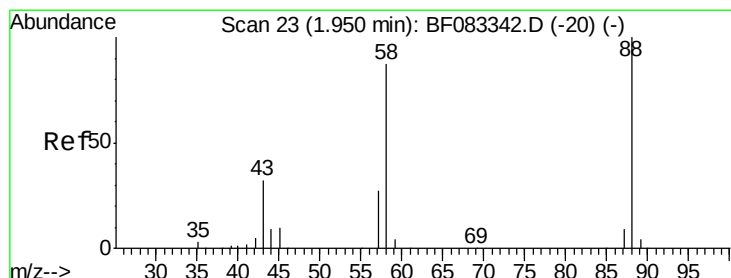
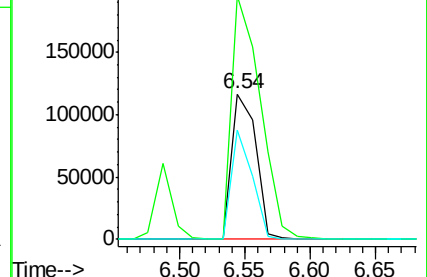
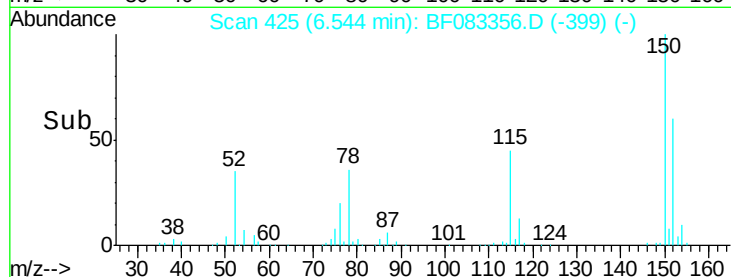
115 75.2 59.2 88.8



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: 32.09 ng

RT: 2.01 min Scan# 28

Delta R.T. 0.06 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

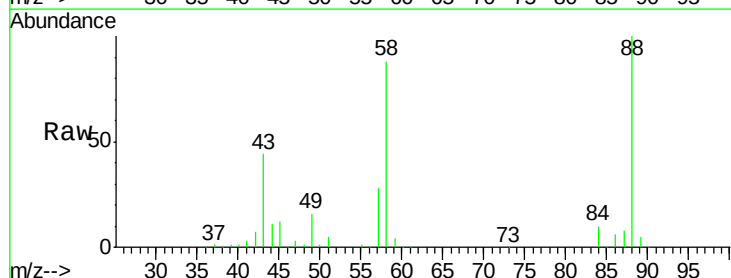
Tgt Ion: 88 Resp: 174099

Ion Ratio Lower Upper

88 100

58 88.5 66.6 100.0

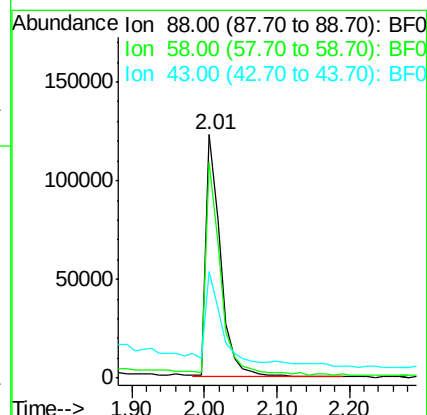
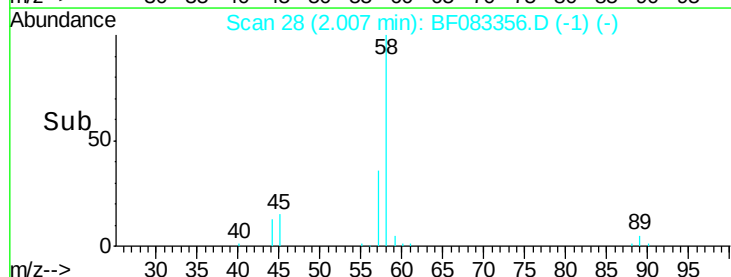
43 38.4 27.1 40.7

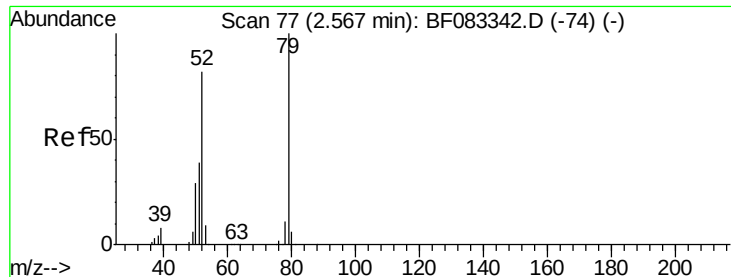


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.89 ng

RT: 2.62 min Scan# 82

Delta R.T. 0.06 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

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PB86889BS

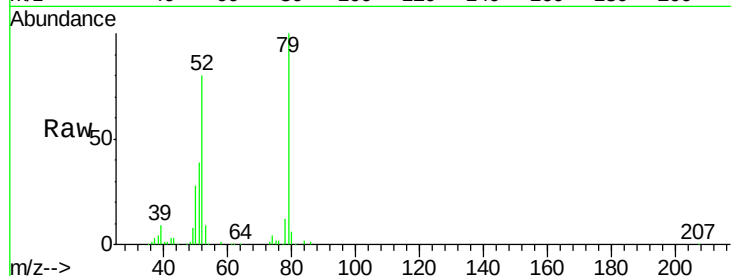
Tgt Ion: 79 Resp: 446257

Ion Ratio Lower Upper

79 100

52 79.6 65.9 98.9

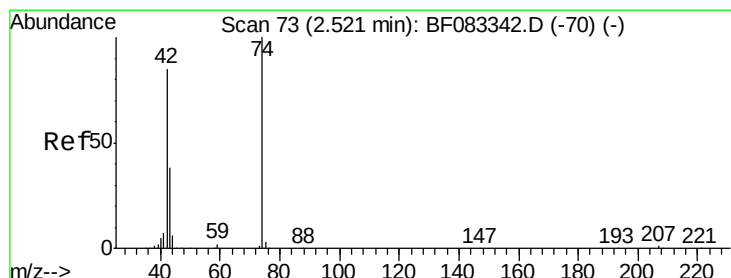
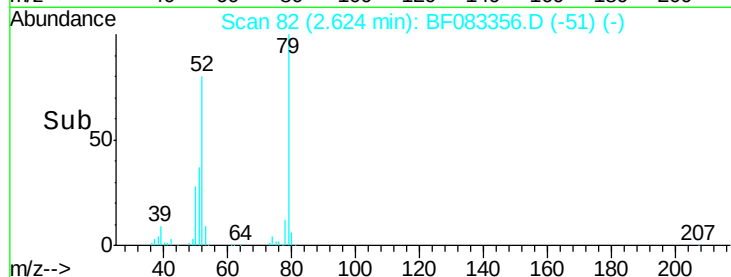
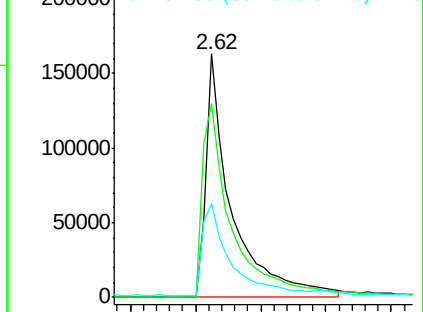
51 38.6 32.3 48.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.38 ng

RT: 2.58 min Scan# 78

Delta R.T. 0.06 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

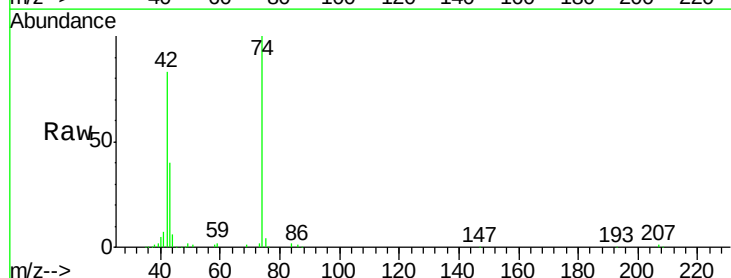
Tgt Ion: 42 Resp: 283020

Ion Ratio Lower Upper

42 100

74 120.5 93.7 140.5

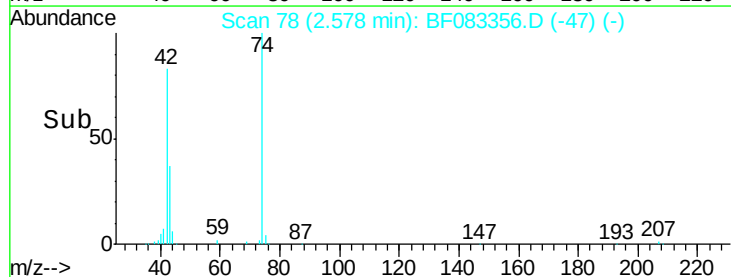
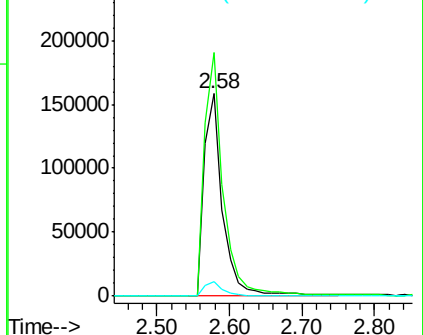
44 6.9 5.6 8.4

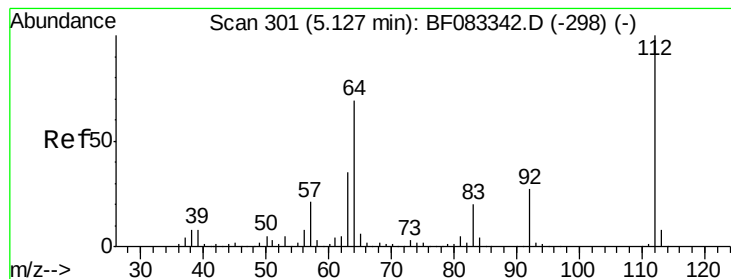


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

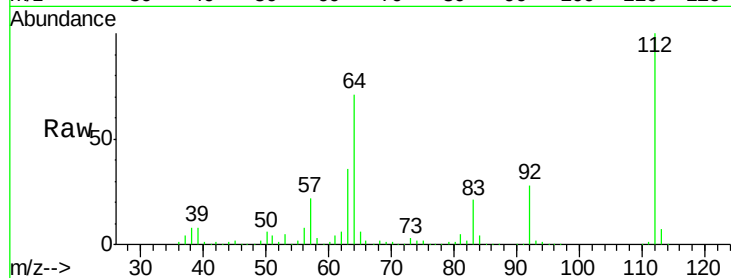




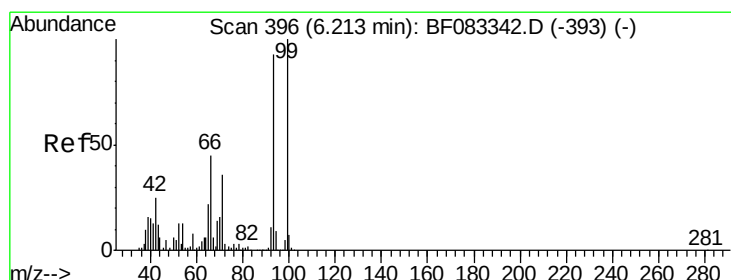
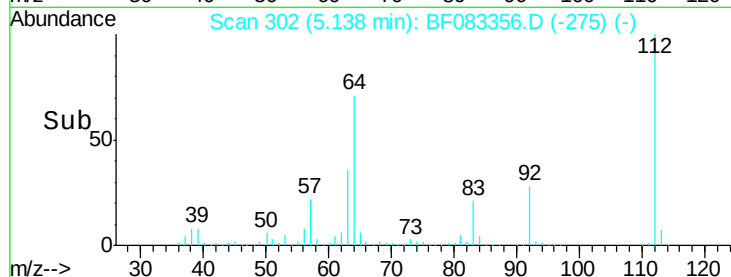
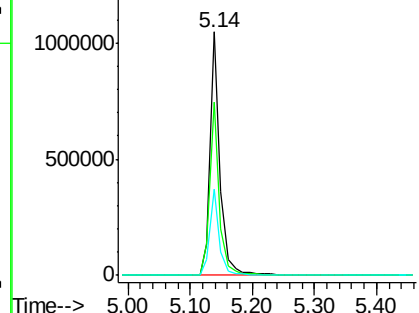
#5
 2-Fluorophenol
 Concen: 116.52 ng
 RT: 5.14 min Scan# 302
 Delta R.T. 0.01 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion: 112 Resp: 1167235
 Ion Ratio Lower Upper
 112 100
 64 71.3 55.6 83.4
 63 35.5 28.2 42.2

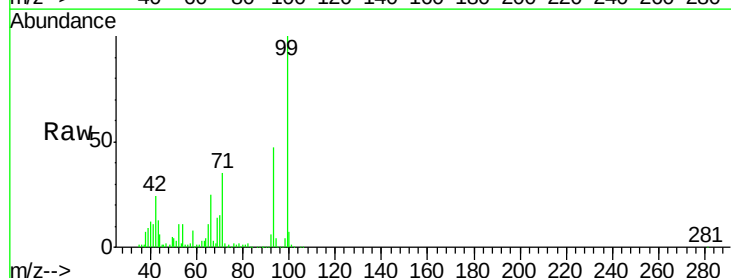


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

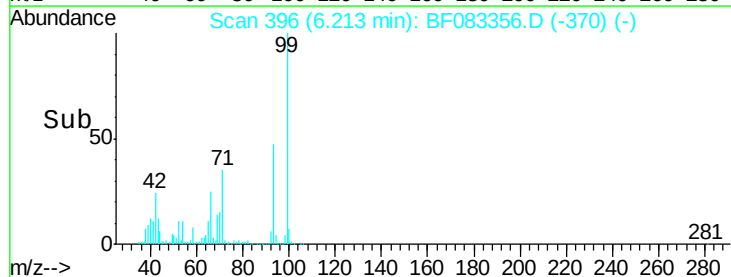
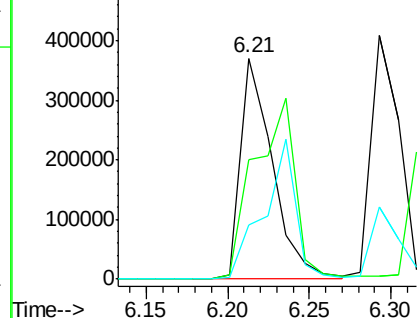


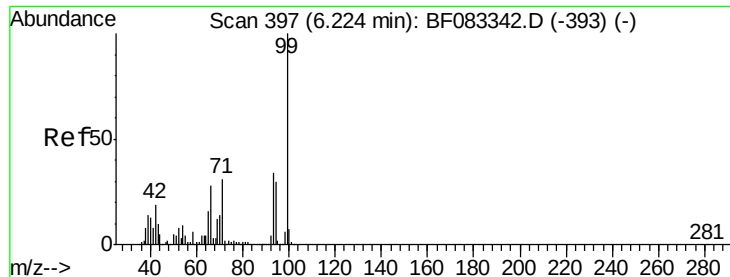
#6
 Aniline
 Concen: 26.65 ng
 RT: 6.21 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion: 93 Resp: 499886
 Ion Ratio Lower Upper
 93 100
 66 53.8 38.7 58.1
 65 24.3 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: 117.14 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

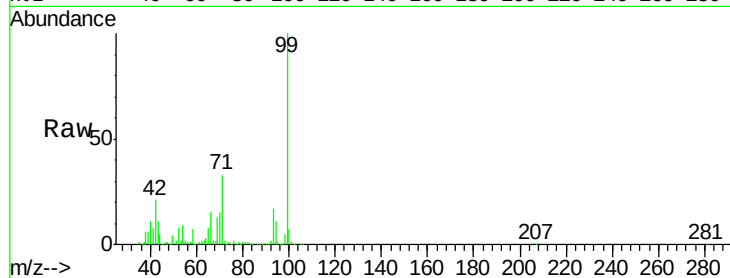
Tgt Ion: 99 Resp: 1606244

Ion Ratio Lower Upper

99 100

42 20.8 14.9 22.3

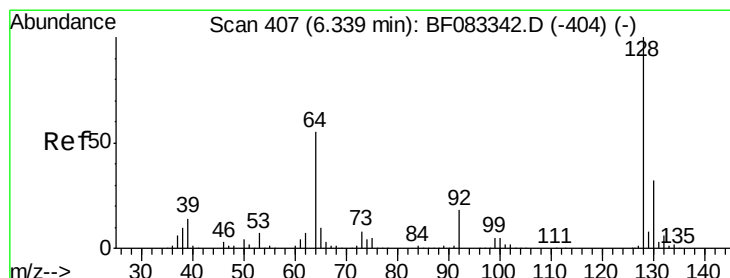
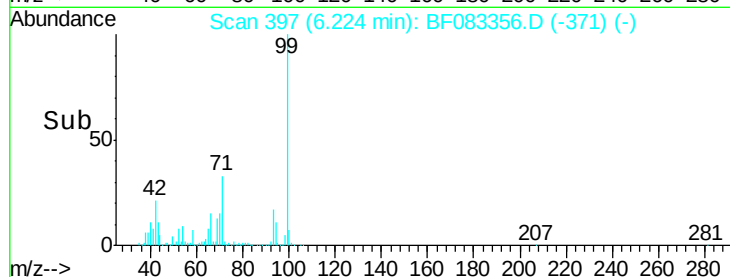
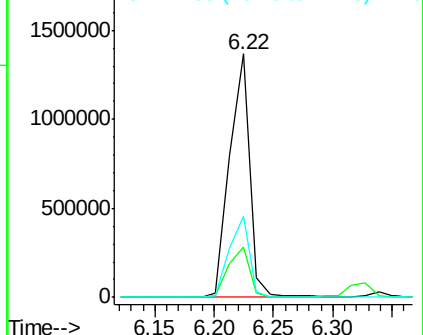
71 33.2 24.7 37.1



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: 43.18 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

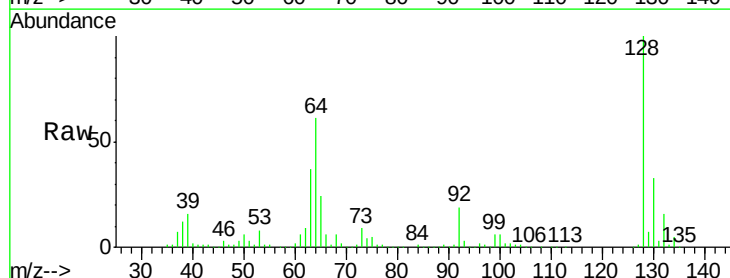
Tgt Ion: 128 Resp: 477169

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

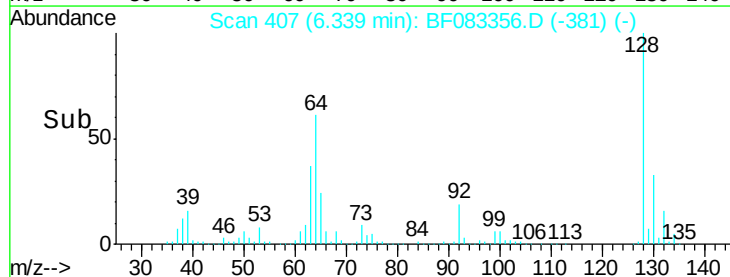
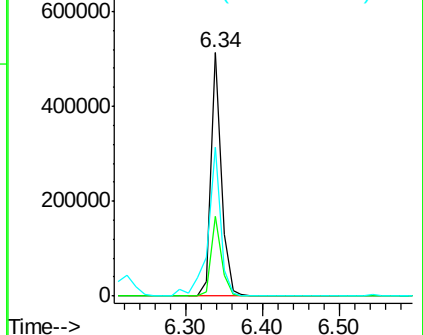
64 61.1 36.4 76.4

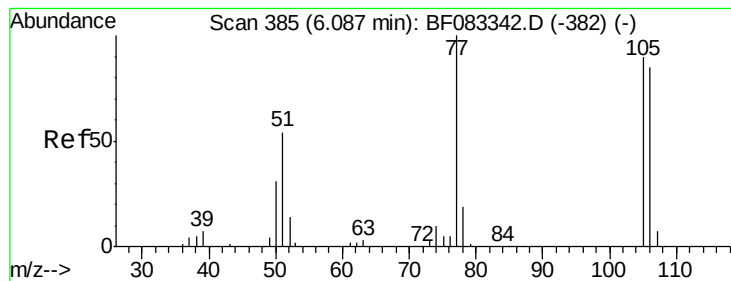


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.20 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

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ClientSampleId :

PB86889BS

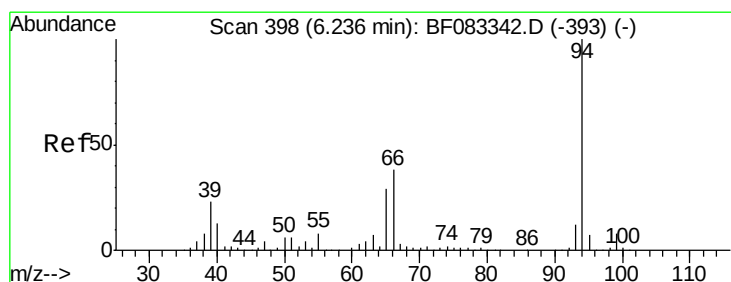
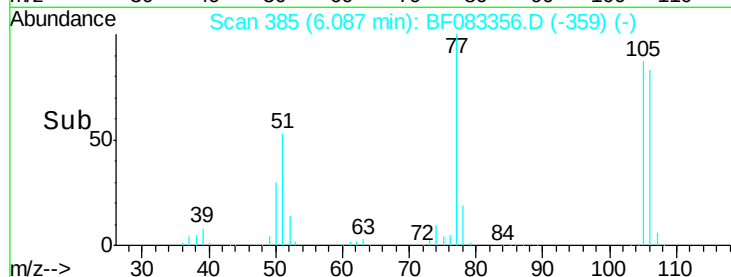
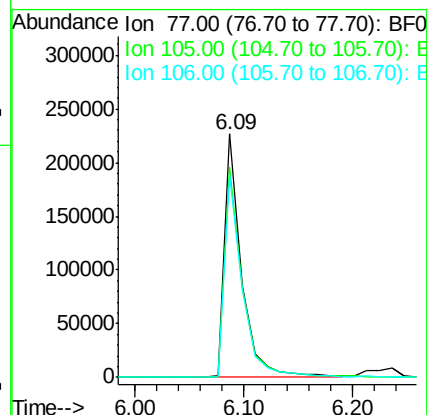
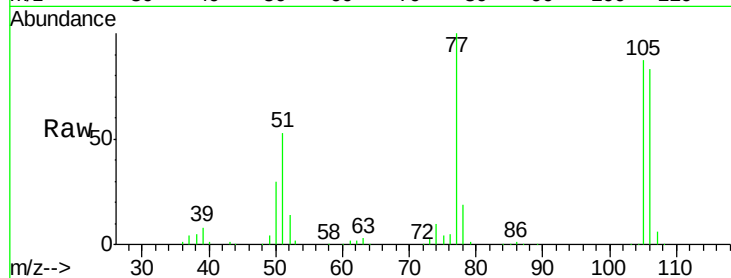
Tgt Ion: 77 Resp: 249321

Ion Ratio Lower Upper

77 100

105 86.5 70.0 110.0

106 83.1 65.0 105.0



#10

Phenol

Concen: 44.80 ng

RT: 6.24 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

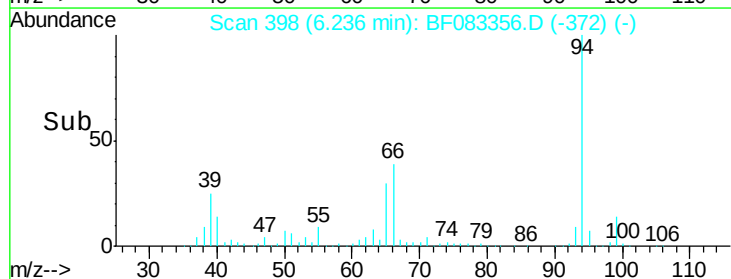
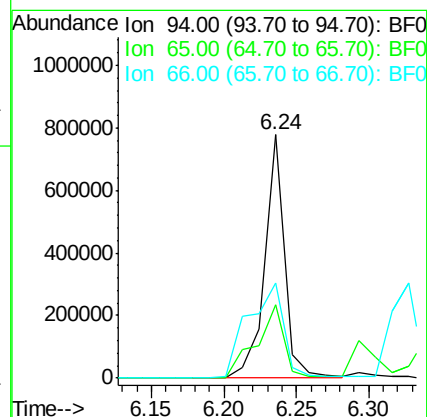
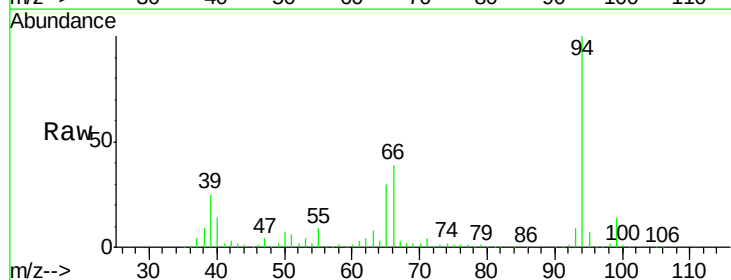
Tgt Ion: 94 Resp: 739133

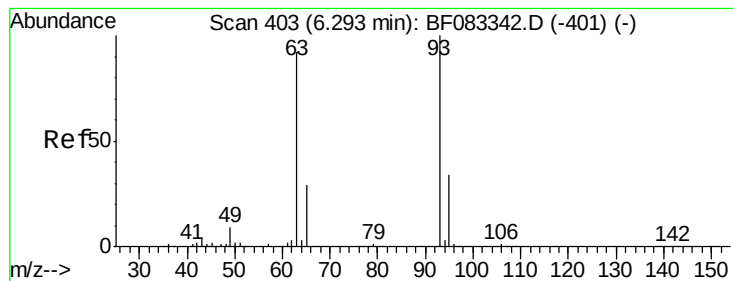
Ion Ratio Lower Upper

94 100

65 30.2 9.5 49.5

66 38.9 17.9 57.9





#11

bis(2-Chloroethyl)ether

Concen: 42.55 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

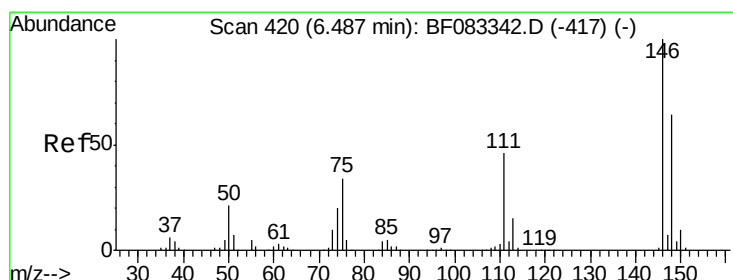
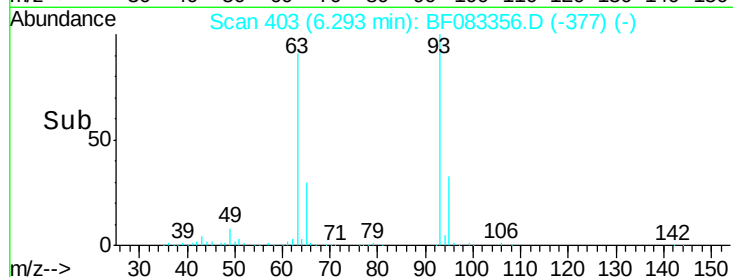
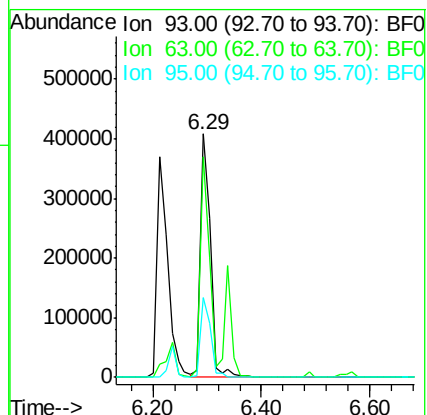
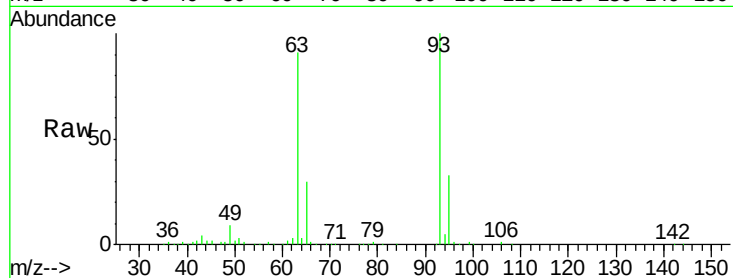
Tgt Ion: 93 Resp: 510666

Ion Ratio Lower Upper

93 100

63 90.5 71.4 111.4

95 32.6 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 40.84 ng

RT: 6.49 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

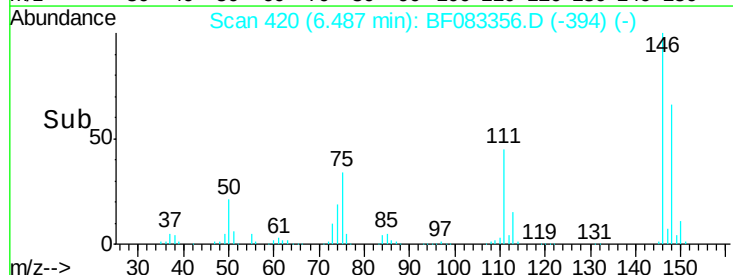
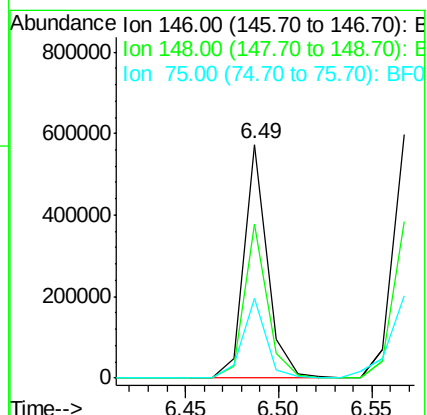
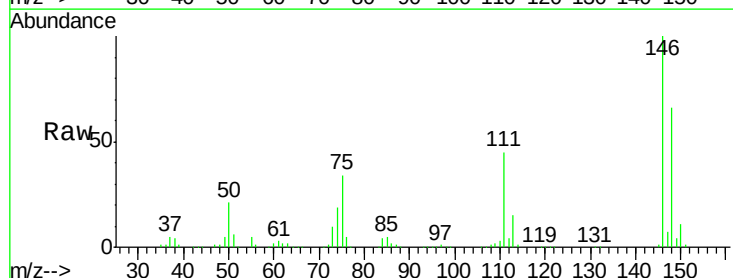
Tgt Ion: 146 Resp: 501699

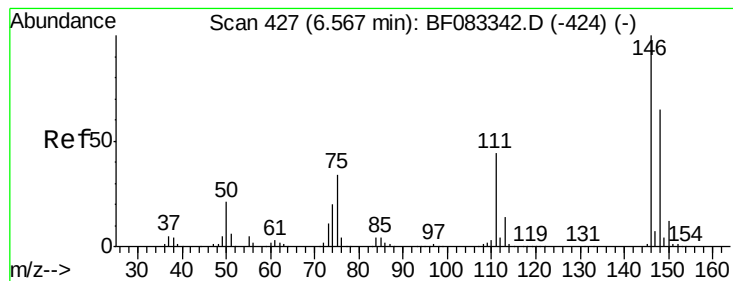
Ion Ratio Lower Upper

146 100

148 65.8 51.1 76.7

75 33.9 27.5 41.3





#13

1,4-Dichlorobenzene

Concen: 41.82 ng

RT: 6.57 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

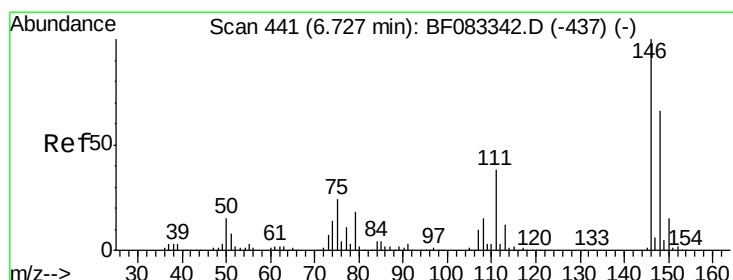
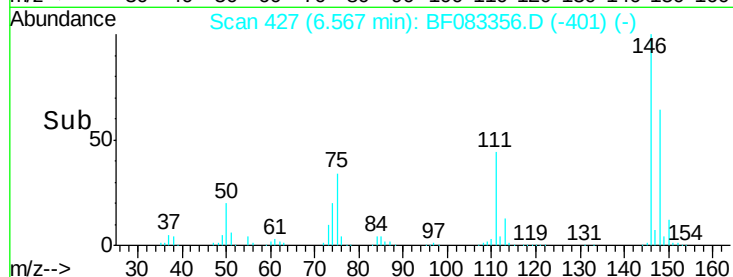
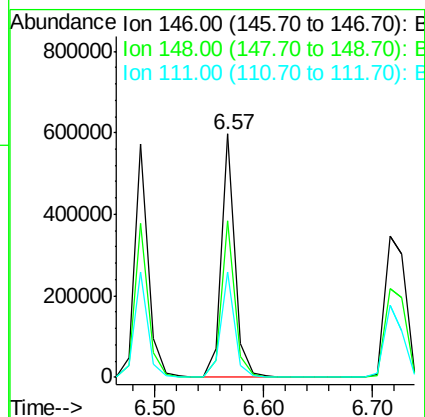
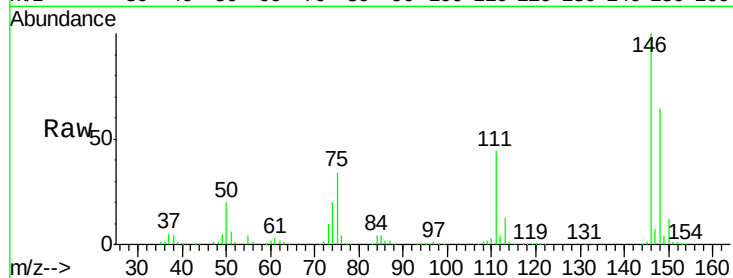
Tgt Ion:146 Resp: 530974

Ion Ratio Lower Upper

146 100

148 64.4 52.1 78.1

111 43.5 35.4 53.0



#14

1,2-Dichlorobenzene

Concen: 45.59 ng

RT: 6.57 min Scan# 427

Delta R.T. -0.16 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

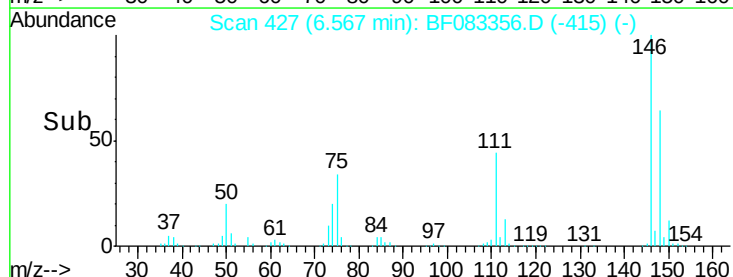
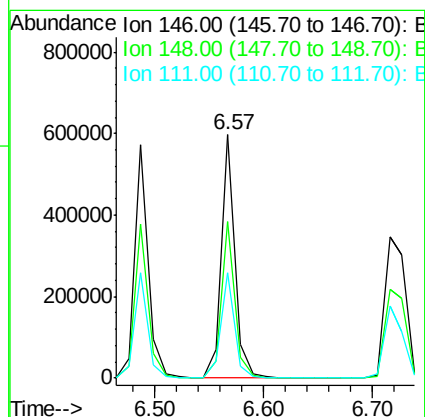
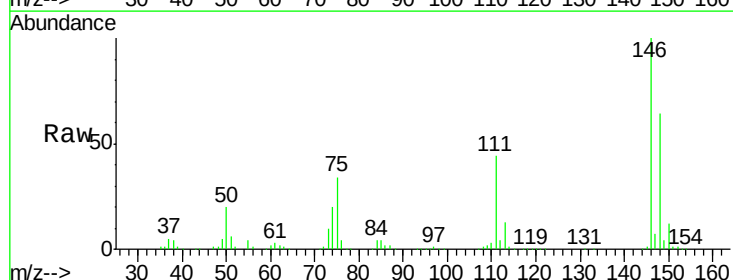
Tgt Ion:146 Resp: 530974

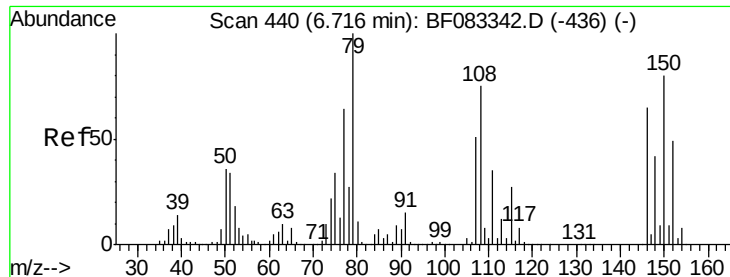
Ion Ratio Lower Upper

146 100

148 64.4 52.5 78.7

111 43.5 30.6 46.0

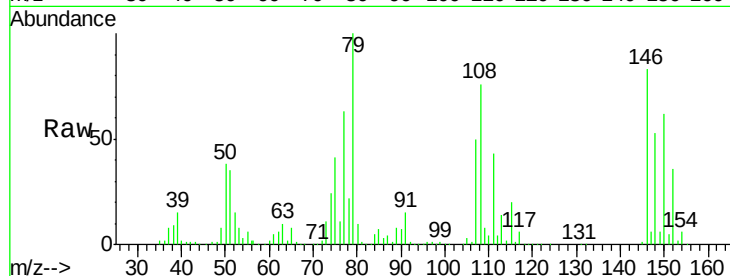




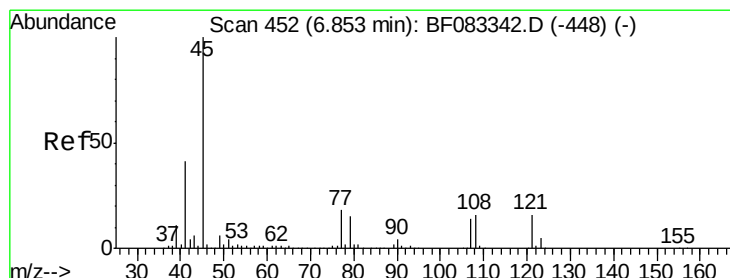
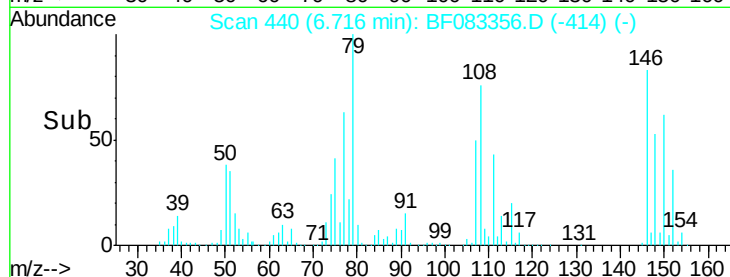
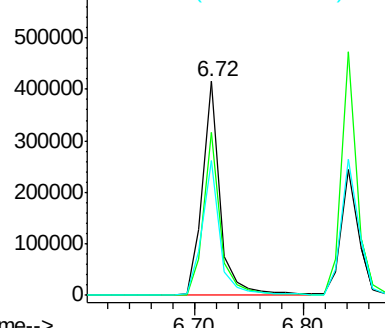
#15
Benzyl Alcohol
Concen: 44.64 ng
RT: 6.72 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion: 79 Resp: 473104
Ion Ratio Lower Upper
79 100
108 76.4 59.9 89.9
77 62.8 51.0 76.6

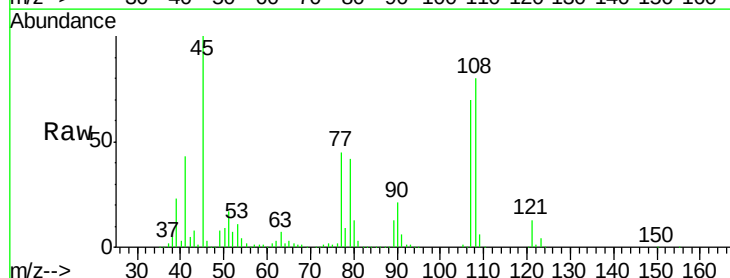


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

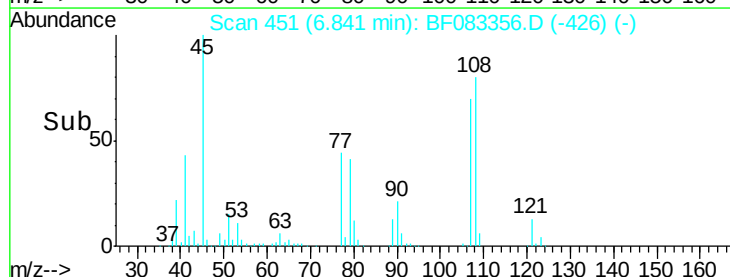
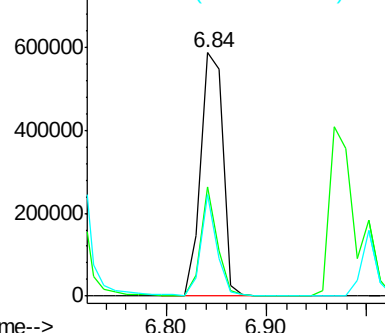


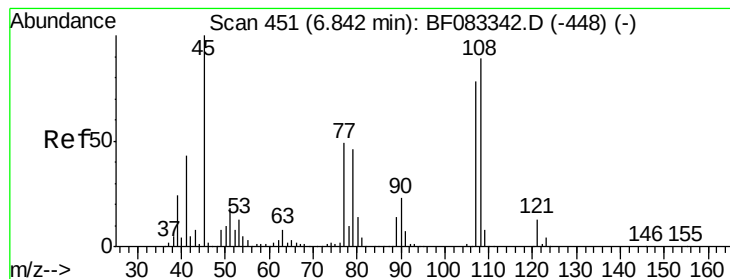
#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.77 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion: 45 Resp: 900722
Ion Ratio Lower Upper
45 100
77 44.9 0.0 38.3#
79 41.7 0.0 35.4#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 44.38 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

Tgt Ion:107 Resp: 408782

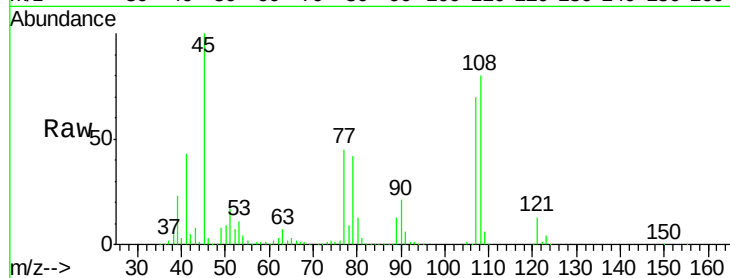
Ion Ratio Lower Upper

107 100

108 114.4 91.6 137.4

77 63.8 49.9 74.9

79 59.3 47.3 70.9

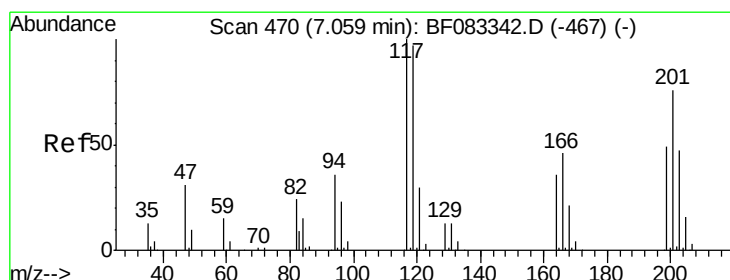
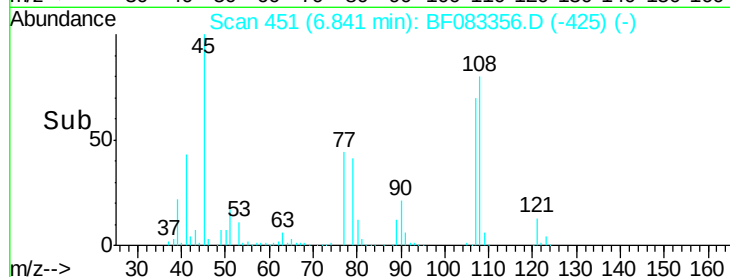
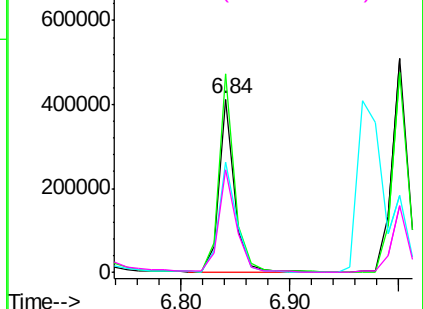


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.23 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

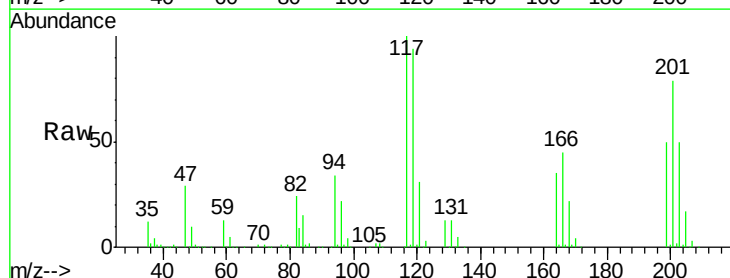
Tgt Ion:117 Resp: 181791

Ion Ratio Lower Upper

117 100

119 94.0 77.3 115.9

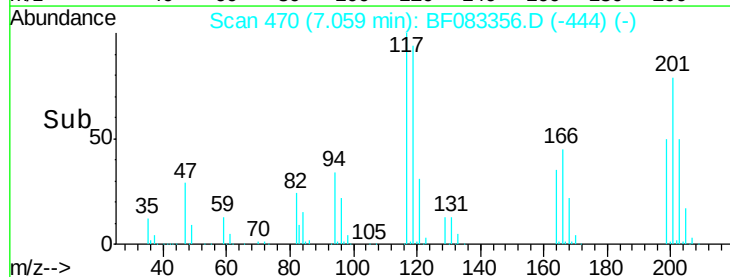
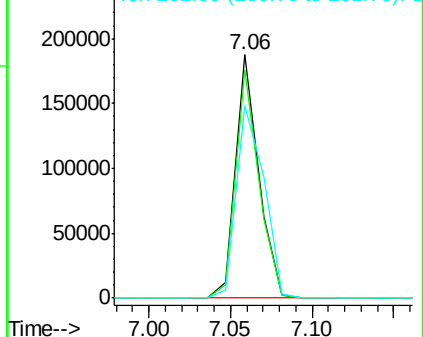
201 79.0 60.6 90.8

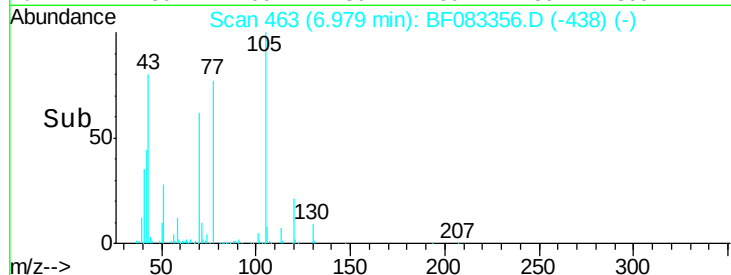
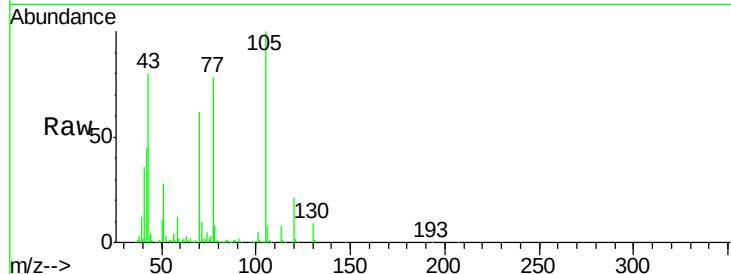
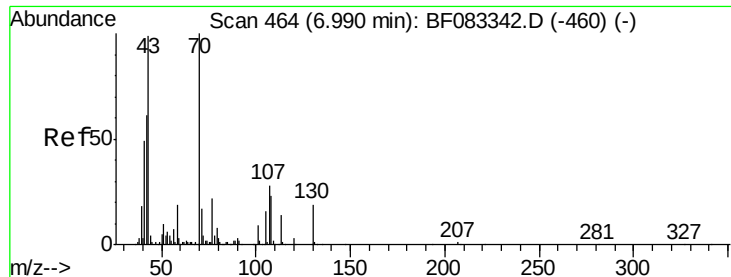


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

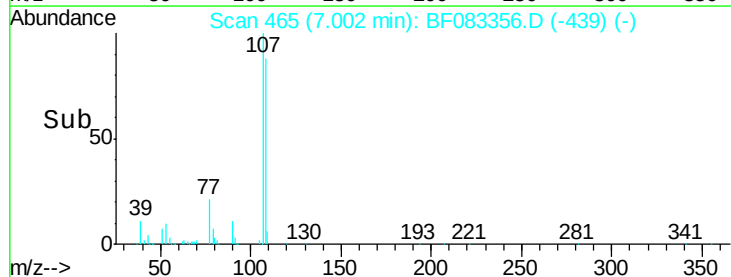
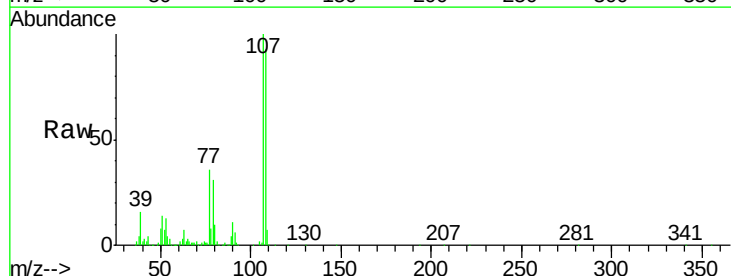
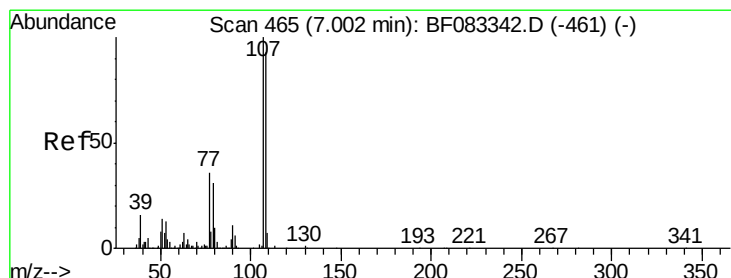
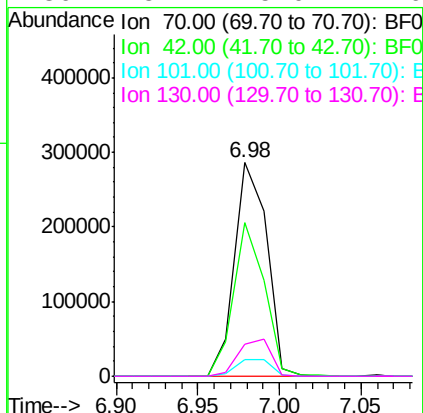




#19
n-Nitroso-di-n-propylamine
Concen: 39.95 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

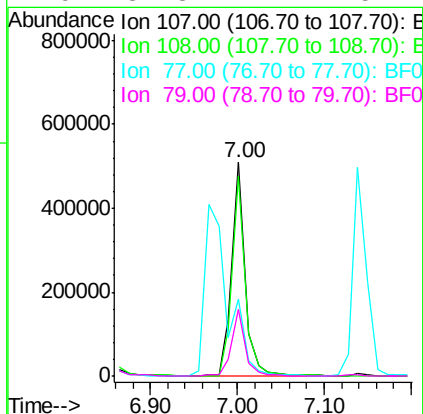
Instrument :
BNA_F
ClientSampleId :
PB86889BS

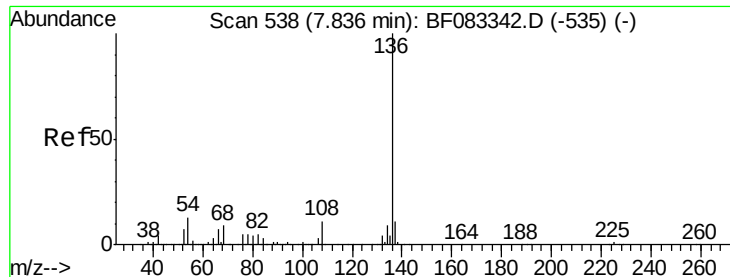
Tgt Ion:	70	Resp:	391595
Ion	Ratio	Lower	Upper
70	100		
42	71.7	48.8	73.2
101	8.0	7.1	10.7
130	15.1	15.0	22.6



#20
3+4-Methylphenols
Concen: 43.70 ng
RT: 7.00 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion:	107	Resp:	545145
Ion	Ratio	Lower	Upper
107	100		
108	93.5	73.0	113.0
77	35.7	16.8	56.8
79	31.3	11.4	51.4

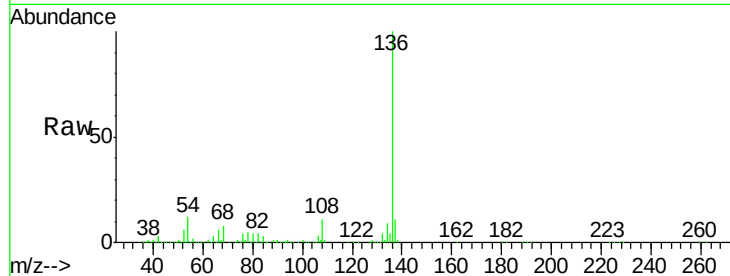




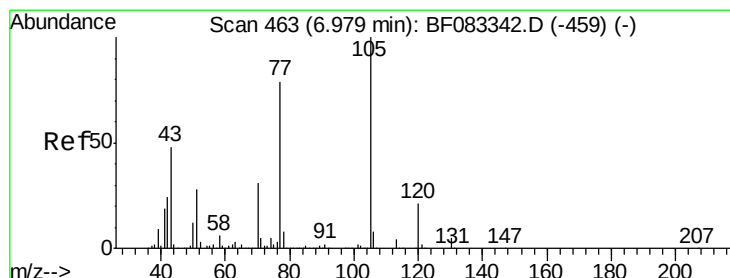
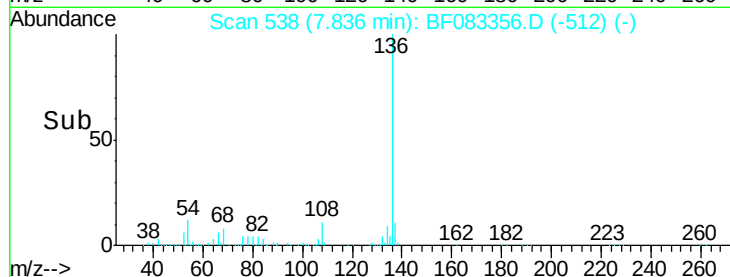
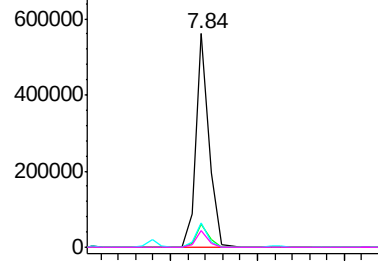
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion:	136	Resp:	587004
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	11.6	10.1	15.1
68	8.0	7.1	10.7

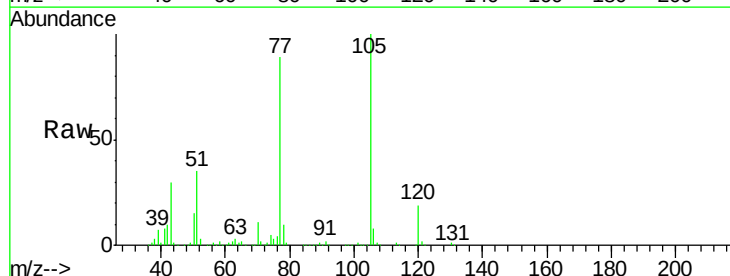


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

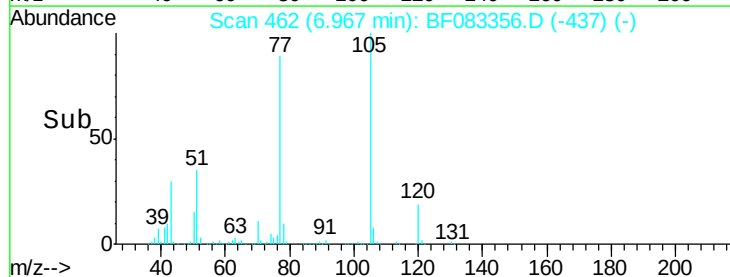
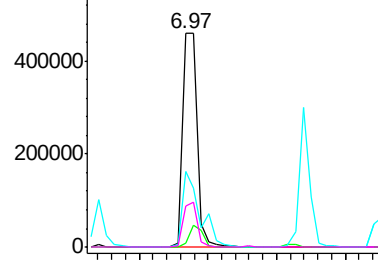


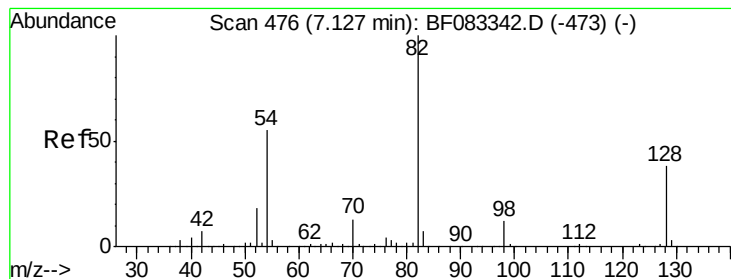
#22
Acetophenone
Concen: 39.24 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion:	105	Resp:	689184
Ion	Ratio	Lower	Upper
105	100		
71	1.8	4.3	6.5#
51	35.4	22.9	34.3#
120	19.3	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: 77.68 ng

RT: 7.13 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

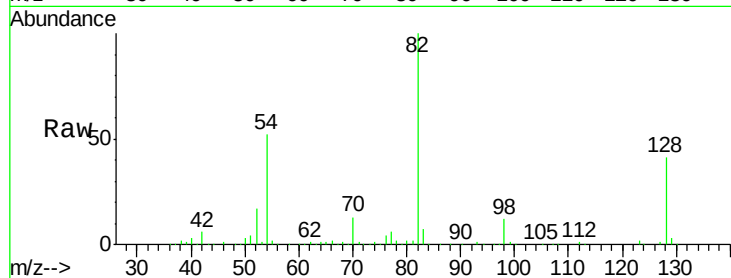
Tgt Ion: 82 Resp: 1037237

Ion Ratio Lower Upper

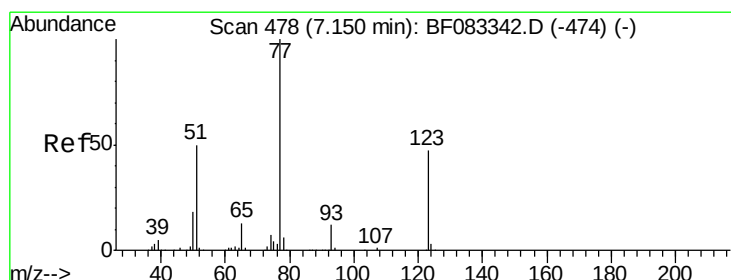
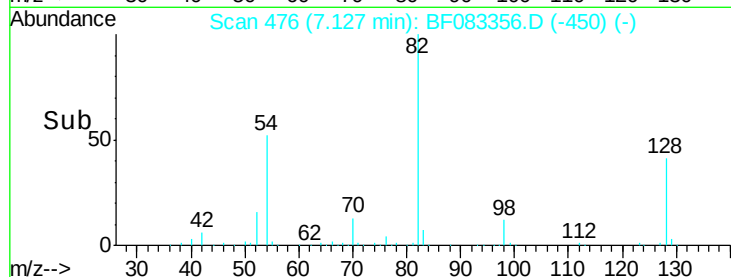
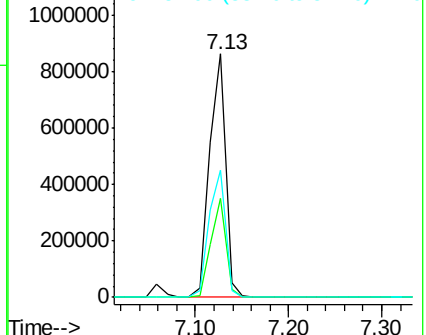
82 100

128 40.7 30.6 46.0

54 52.1 43.8 65.6



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



#24

Nitrobenzene

Concen: 37.93 ng

RT: 7.14 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

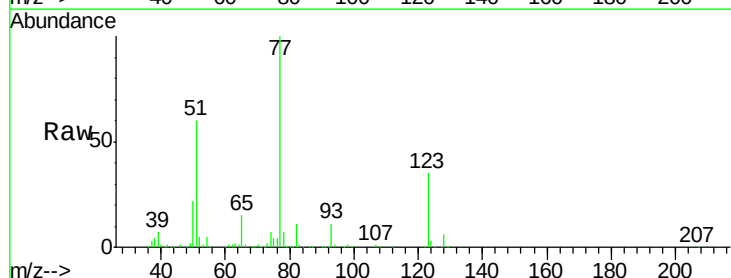
Tgt Ion: 77 Resp: 540937

Ion Ratio Lower Upper

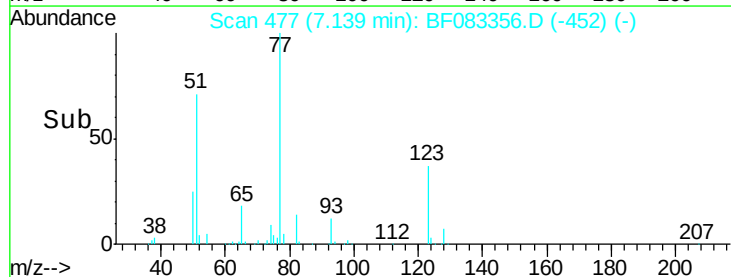
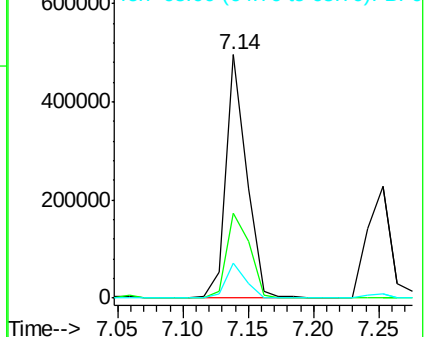
77 100

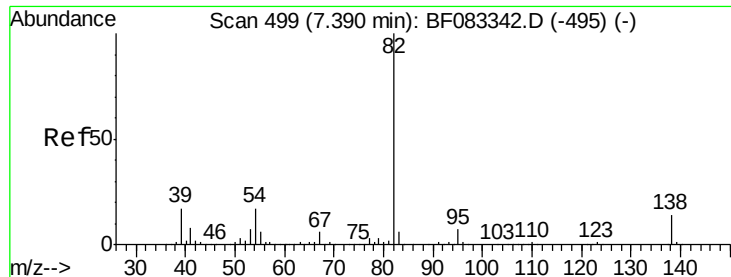
123 34.8 37.4 56.0#

65 14.6 10.6 15.8



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

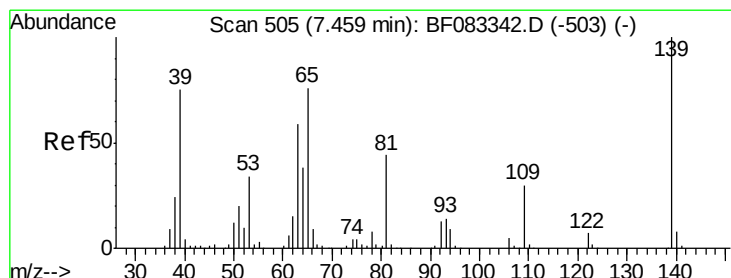
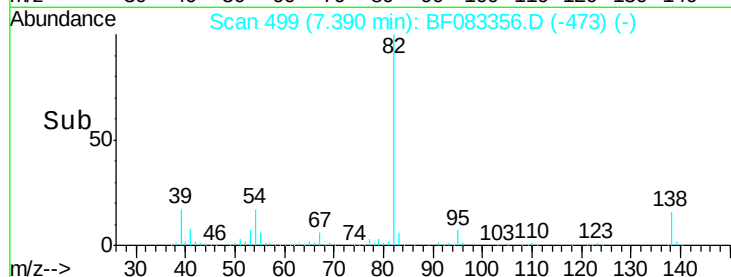
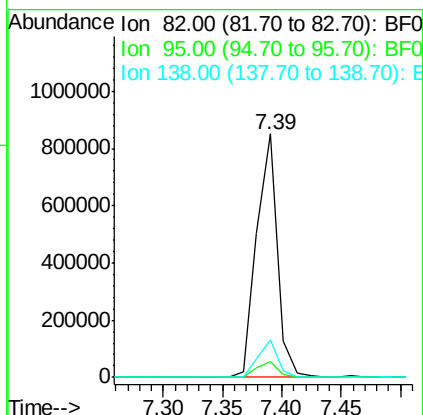
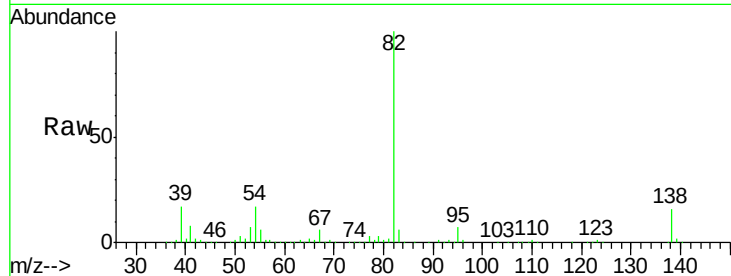




#25
Isophorone
Concen: 40.50 ng
RT: 7.39 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

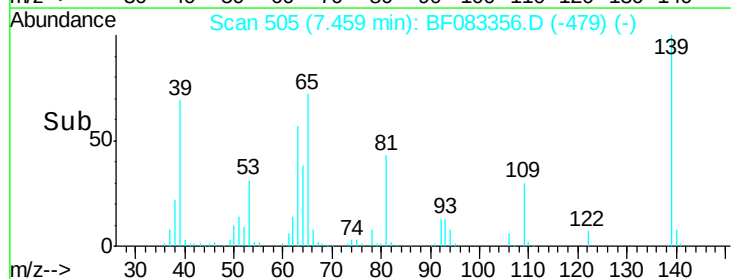
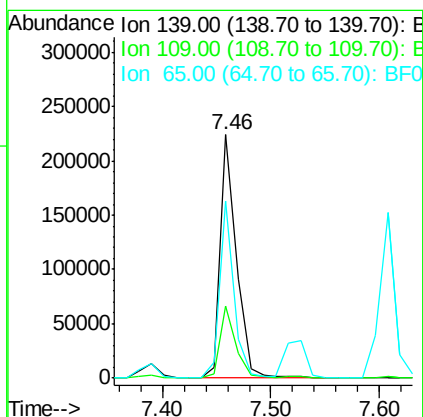
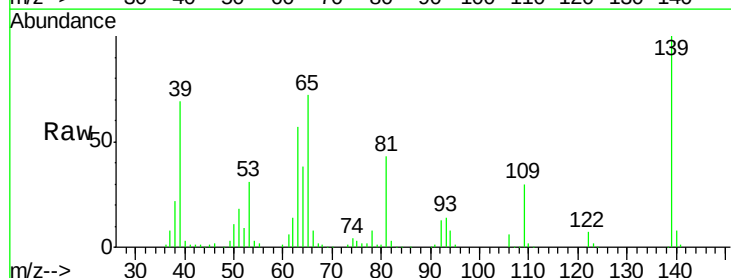
Instrument :
BNA_F
ClientSampleId :
PB86889BS

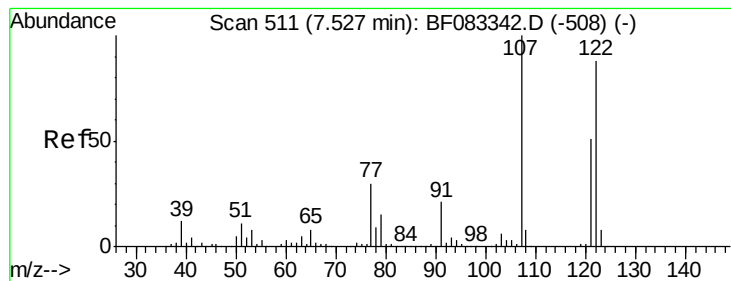
Tgt Ion: 82 Resp: 1047705
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 15.6 11.6 17.4



#26
2-Nitrophenol
Concen: 40.26 ng
RT: 7.46 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion: 139 Resp: 234372
Ion Ratio Lower Upper
139 100
109 29.5 24.2 36.4
65 72.5 61.0 91.6





#27

2,4-Dimethylphenol

Concen: 43.60 ng

RT: 7.53 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

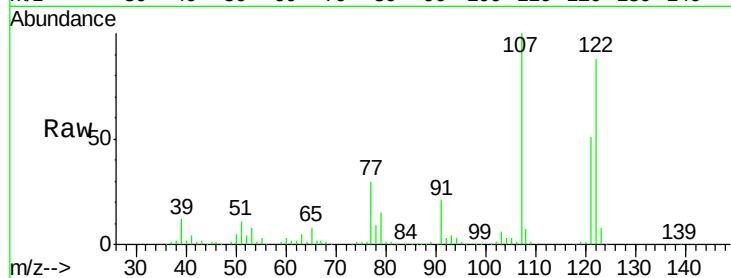
Tgt Ion:122 Resp: 425402

Ion Ratio Lower Upper

122 100

107 113.8 91.2 136.8

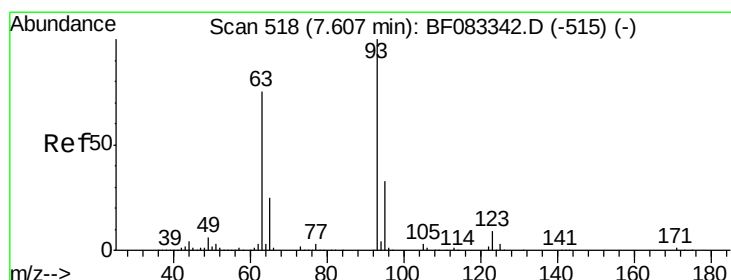
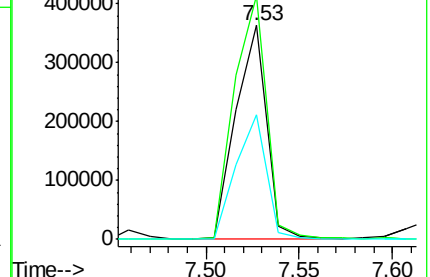
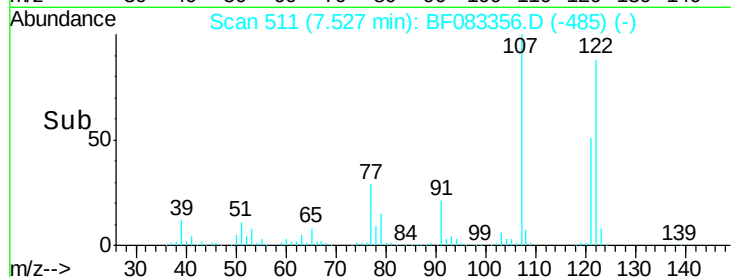
121 57.9 46.4 69.6



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: 42.25 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

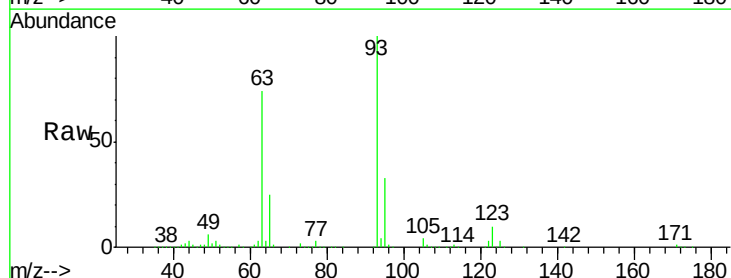
Tgt Ion: 93 Resp: 622296

Ion Ratio Lower Upper

93 100

95 33.3 26.1 39.1

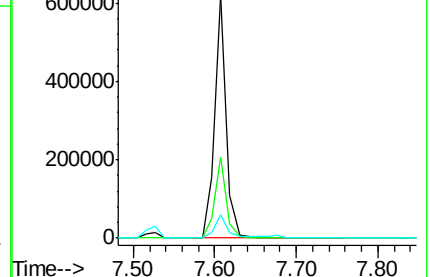
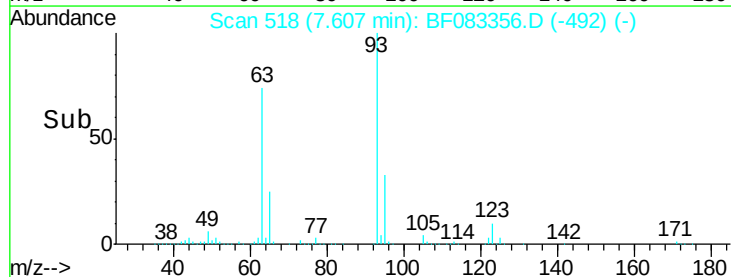
123 9.9 7.4 11.0

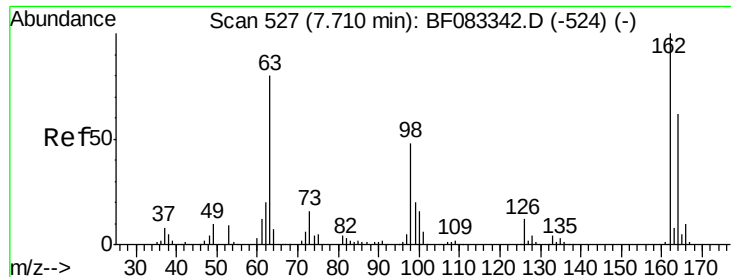


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

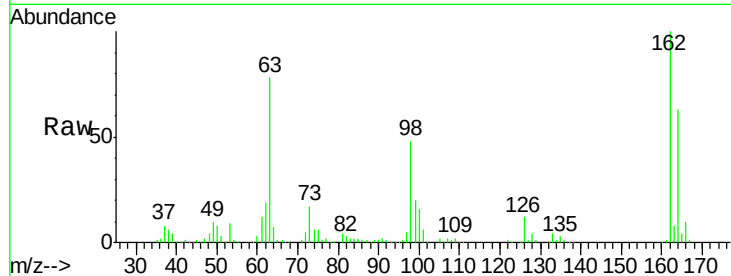




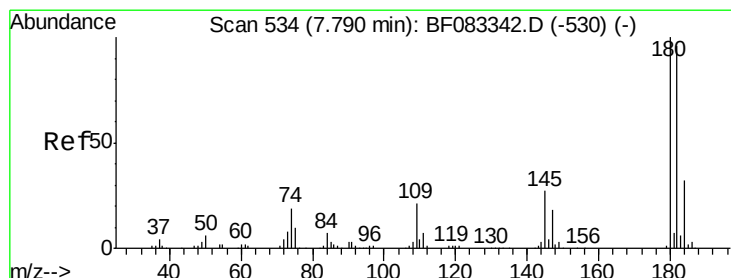
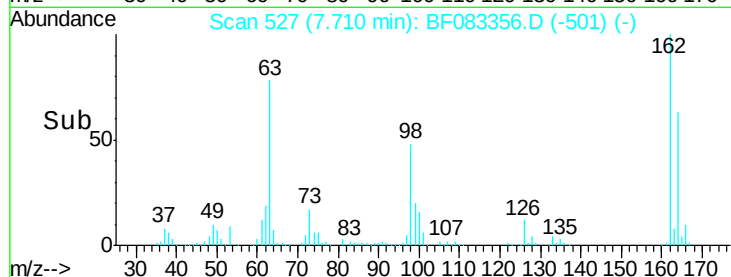
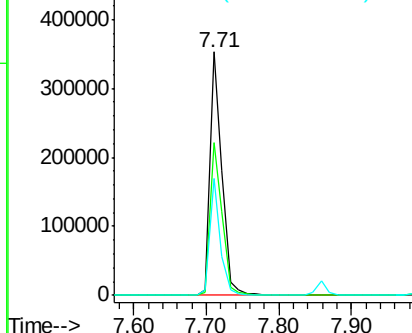
#29
 2,4-Dichlorophenol
 Concen: 42.24 ng
 RT: 7.71 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	41.9	81.9
98	48.3	28.1	68.1

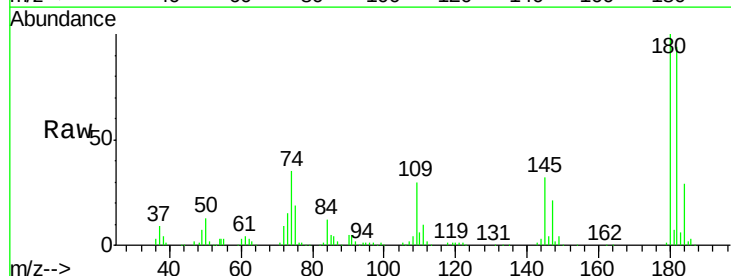


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

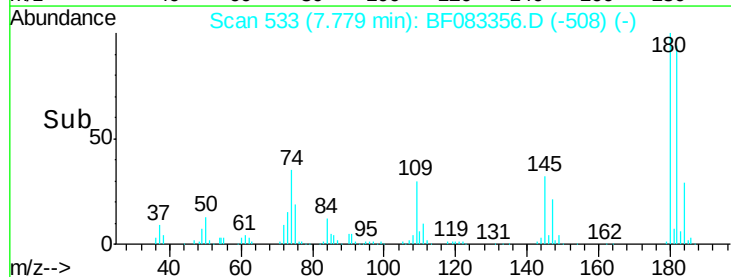
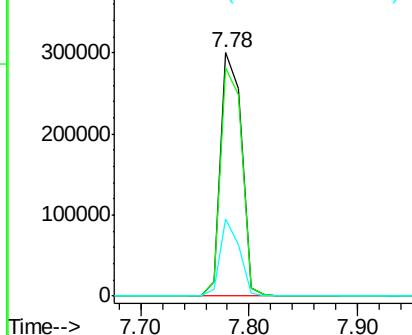


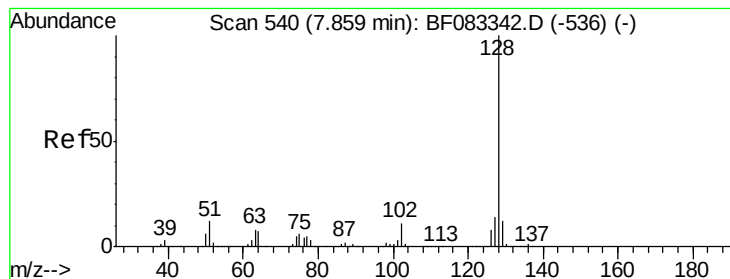
#30
 1,2,4-Trichlorobenzene
 Concen: 39.57 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.2	115.8
145	31.7	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: 41.74 ng

RT: 7.86 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

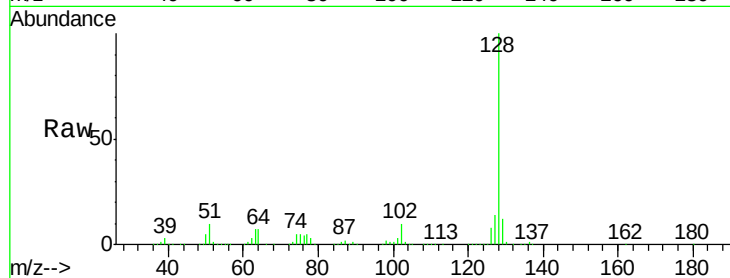
Tgt Ion:128 Resp: 1329564

Ion Ratio Lower Upper

128 100

129 11.6 9.7 14.5

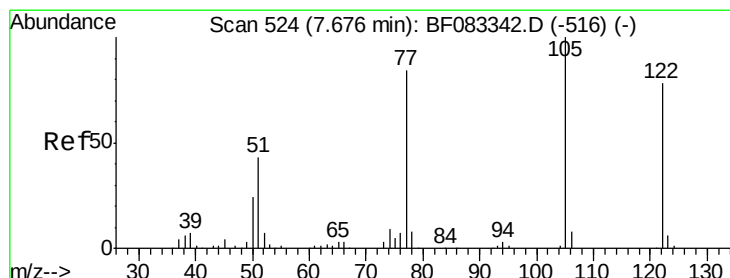
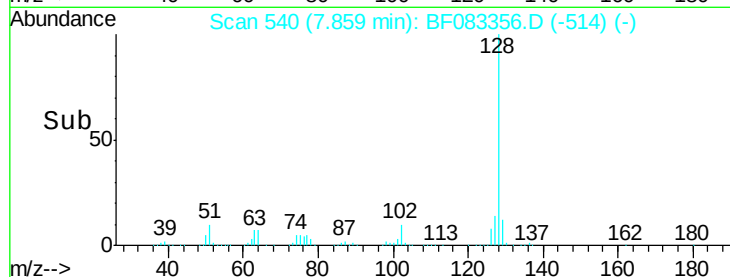
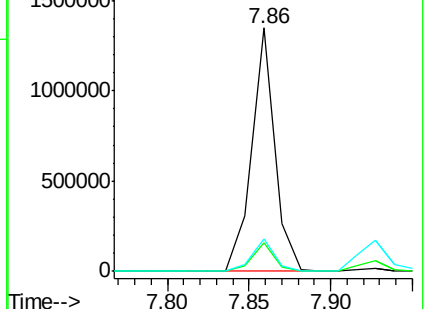
127 13.6 11.0 16.4



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: 39.61 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

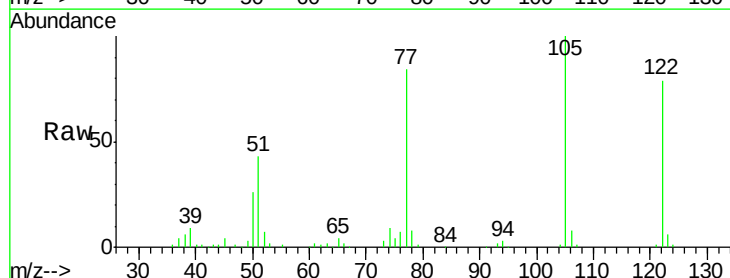
Tgt Ion:122 Resp: 266581

Ion Ratio Lower Upper

122 100

105 127.2 106.0 146.0

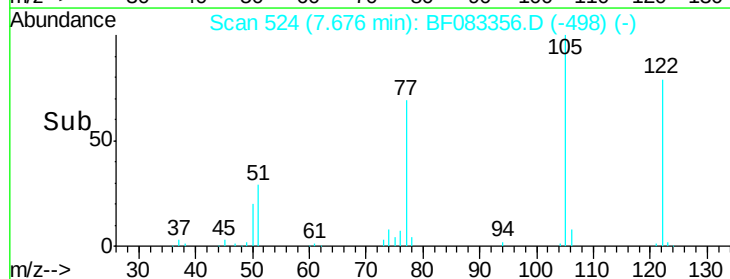
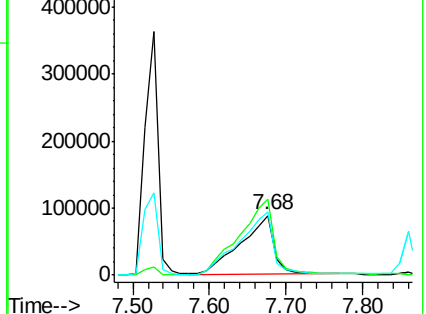
77 106.7 86.3 126.3

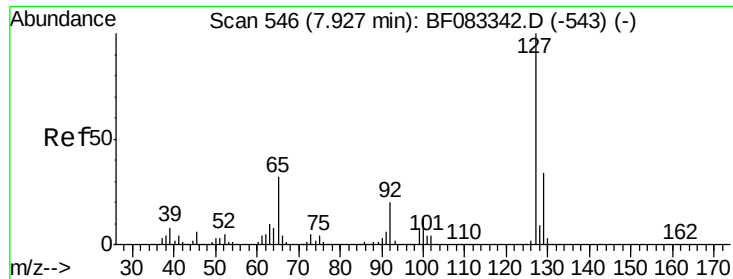


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

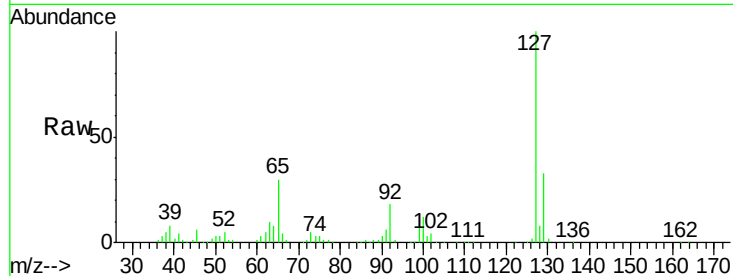




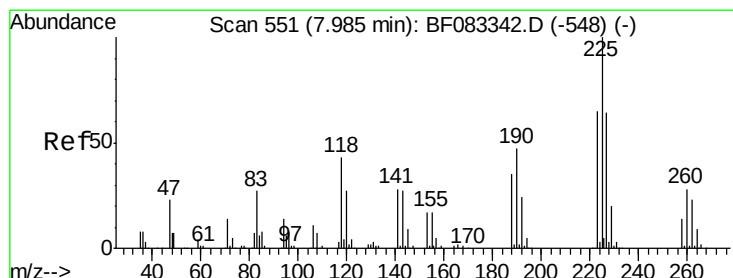
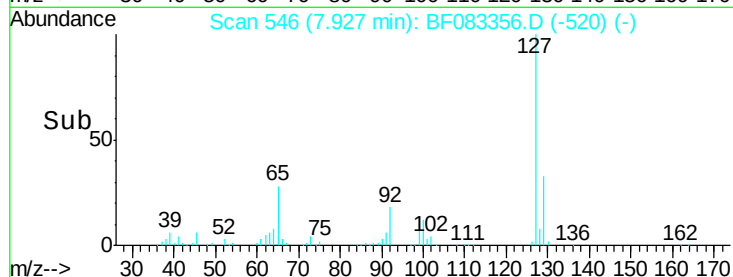
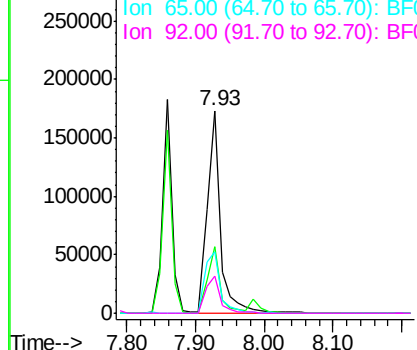
#33
4-Chloroaniline
Concen: 16.82 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion:	127	Resp:	230944
Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.0	40.4
65	30.5	25.9	38.9
92	18.3	15.8	23.8

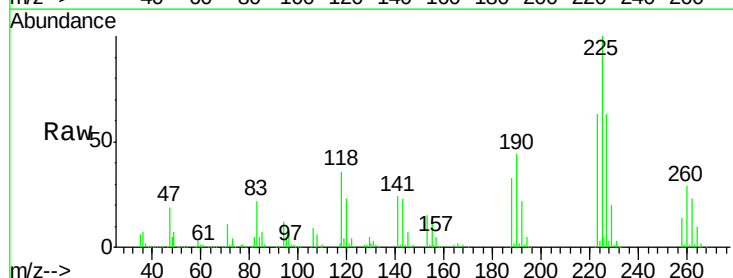


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

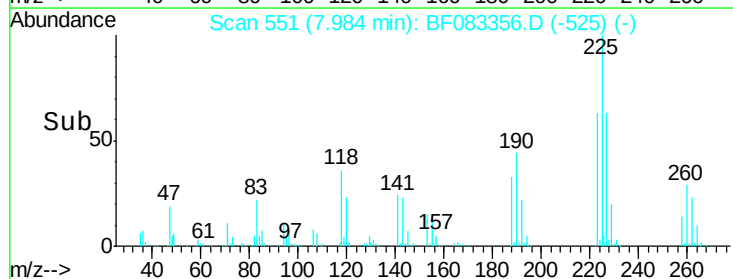
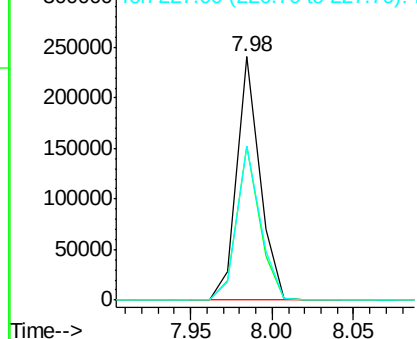


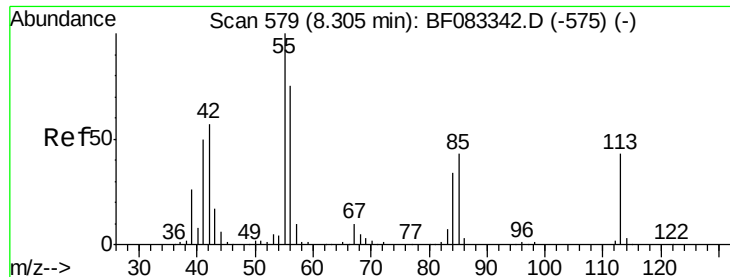
#34
Hexachlorobutadiene
Concen: 40.39 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion:	225	Resp:	234272
Ion	Ratio	Lower	Upper
225	100		
223	63.0	52.0	78.0
227	63.2	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

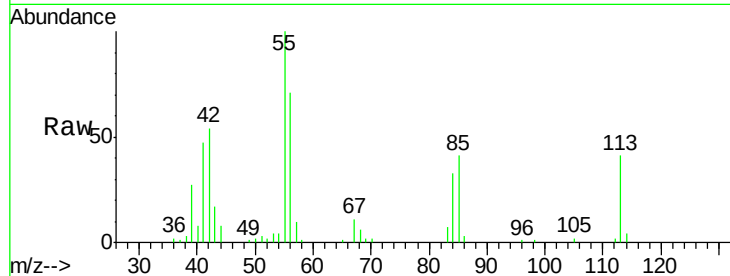




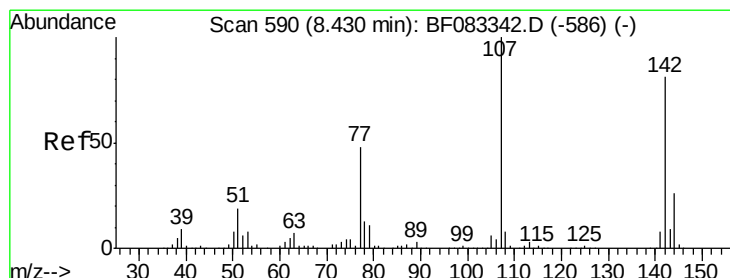
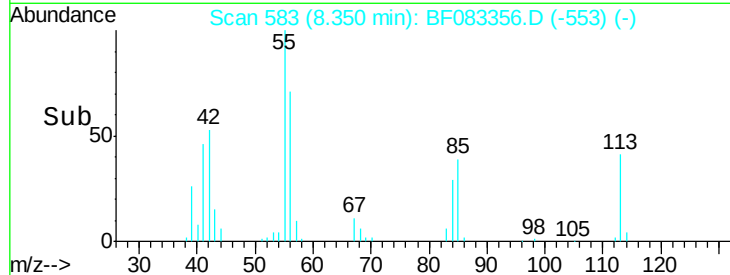
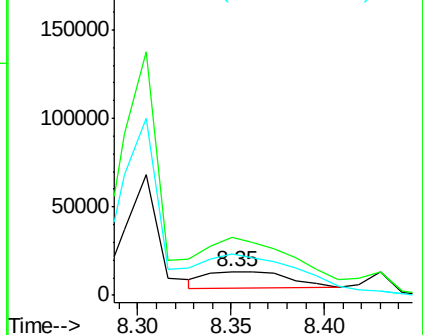
#35
 Caprolactam
 Concen: 9.72 ng
 RT: 8.35 min Scan# 583
 Delta R.T. 0.05 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion:113 Resp: 28814
 Ion Ratio Lower Upper
 113 100
 55 241.6 211.6 251.6
 56 172.4 153.0 193.0

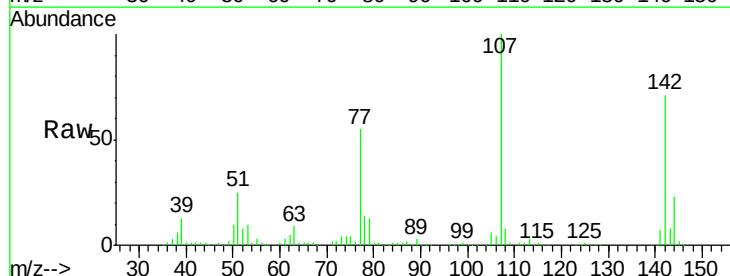


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

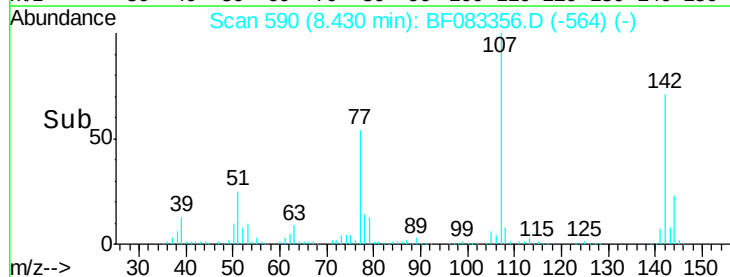
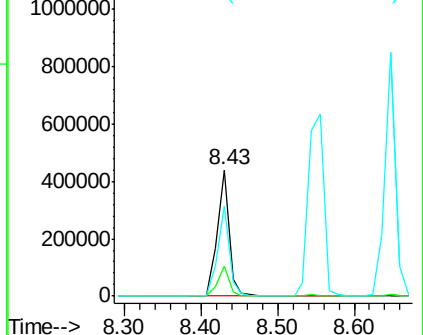


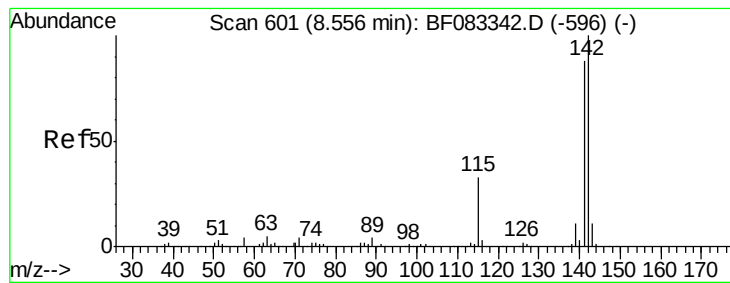
#36
 4-Chloro-3-methylphenol
 Concen: 45.42 ng
 RT: 8.43 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion:107 Resp: 478095
 Ion Ratio Lower Upper
 107 100
 144 23.2 21.1 31.7
 142 70.9 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: 41.27 ng

RT: 8.56 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

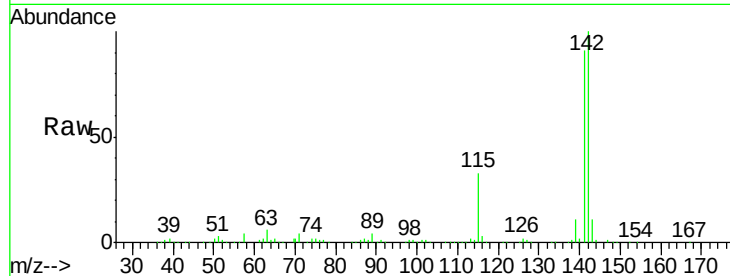
Tgt Ion:142 Resp: 878366

Ion Ratio Lower Upper

142 100

141 91.2 70.6 105.8

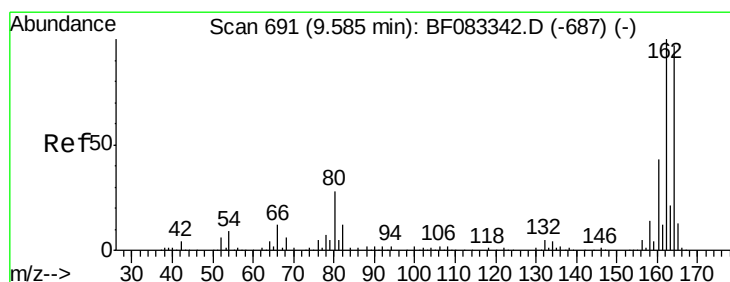
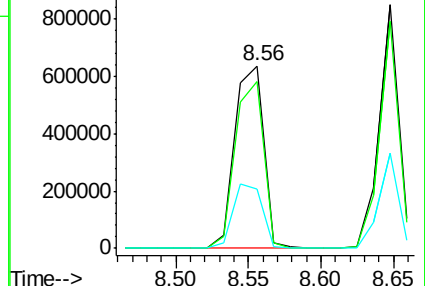
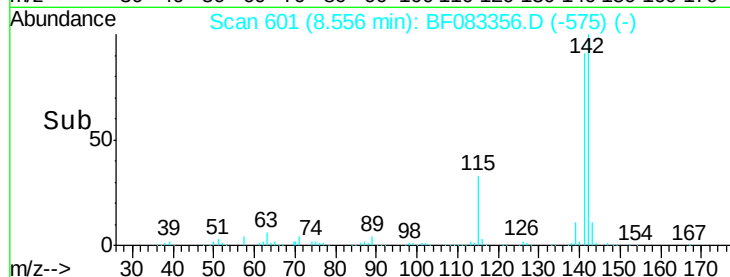
115 32.8 26.2 39.2



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: BF083356.D

Acq: 1 Dec 2015 2:13

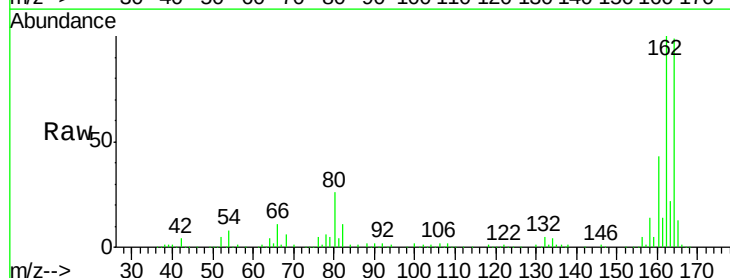
Tgt Ion:164 Resp: 313253

Ion Ratio Lower Upper

164 100

162 101.3 82.6 123.8

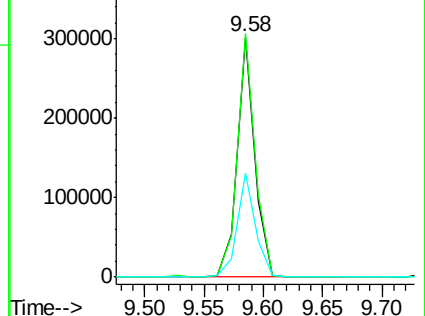
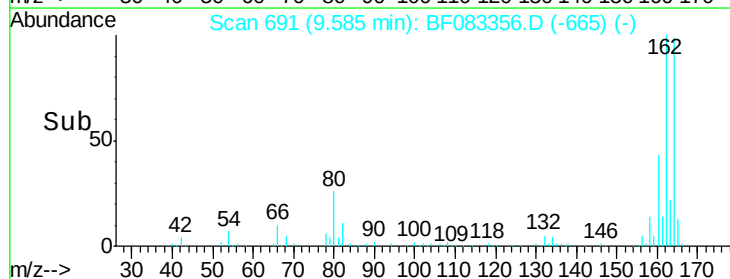
160 43.5 35.3 52.9

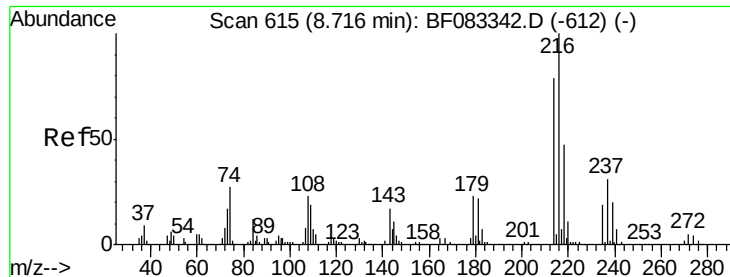


Abundance Ion 164.00 (163.70 to 164.70): E

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: 37.80 ng

RT: 8.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

Tgt Ion:216 Resp: 375358

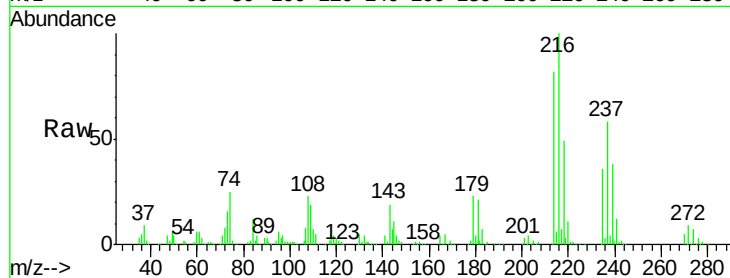
Ion Ratio Lower Upper

216 100

214 79.7 62.3 93.5

179 21.4 17.0 25.4

108 22.8 16.7 25.1

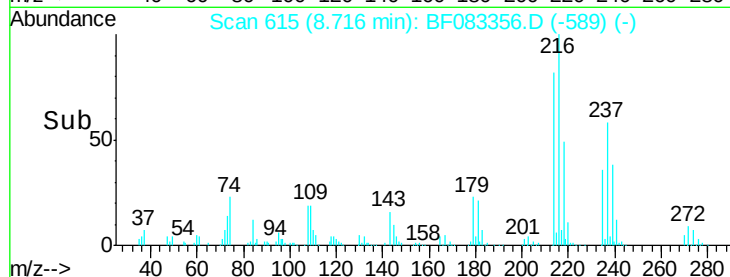


Abundance Ion 216.00 (215.70 to 216.70): E

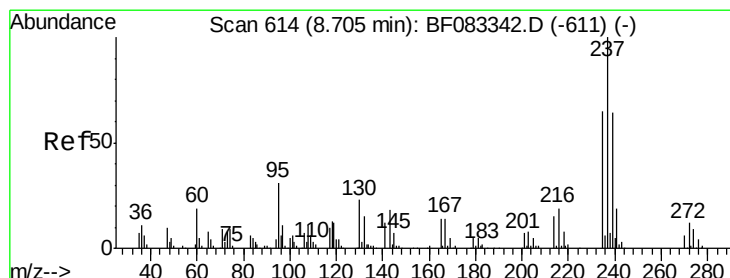
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 83.80 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

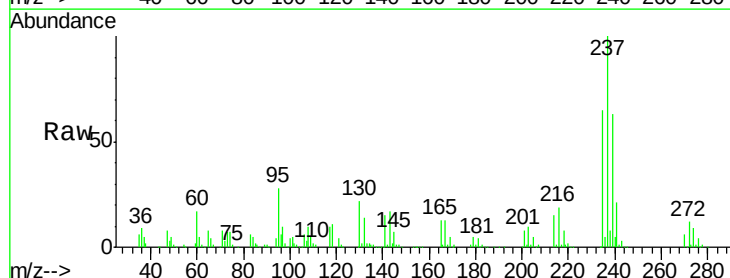
Tgt Ion:237 Resp: 395296

Ion Ratio Lower Upper

237 100

235 64.8 44.5 84.5

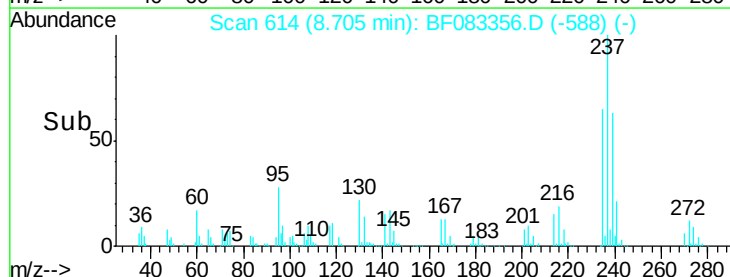
272 11.9 0.0 31.6



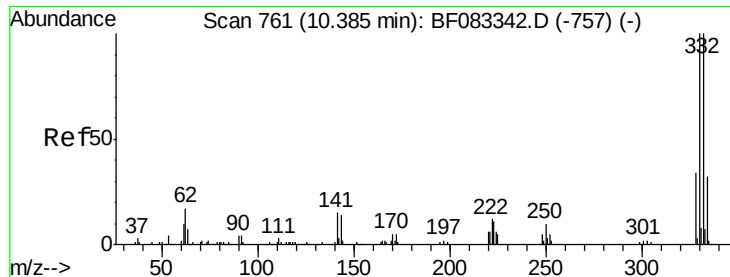
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



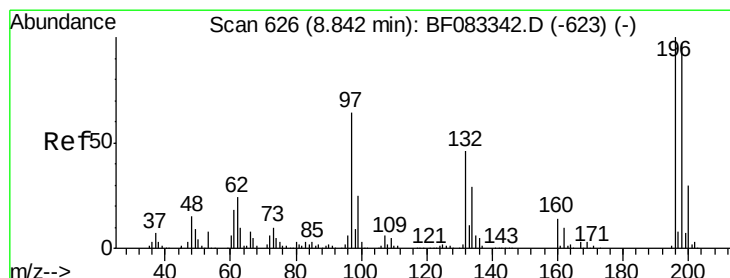
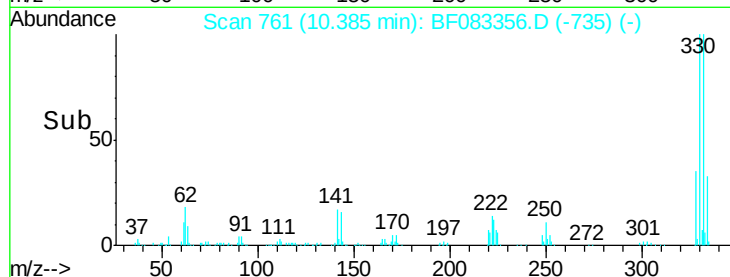
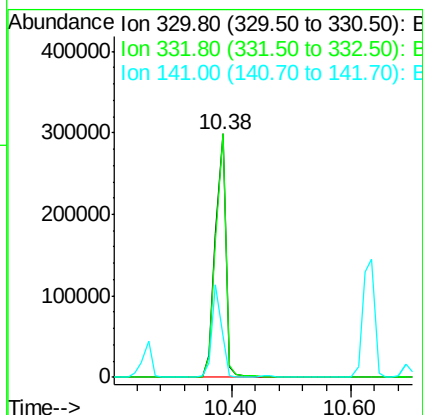
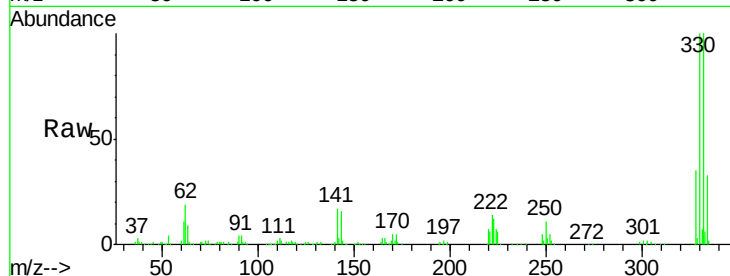
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 116.07 ng
 RT: 10.38 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

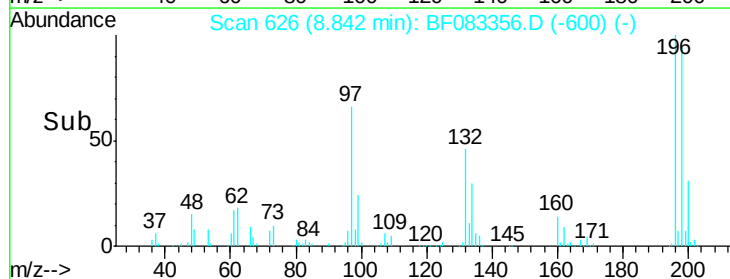
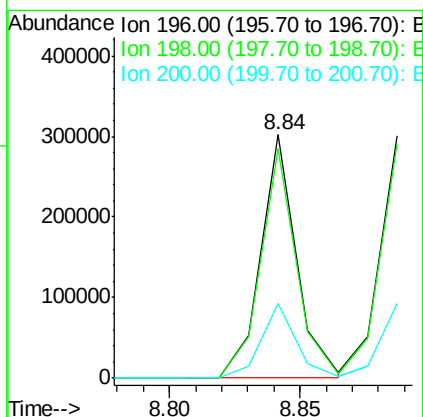
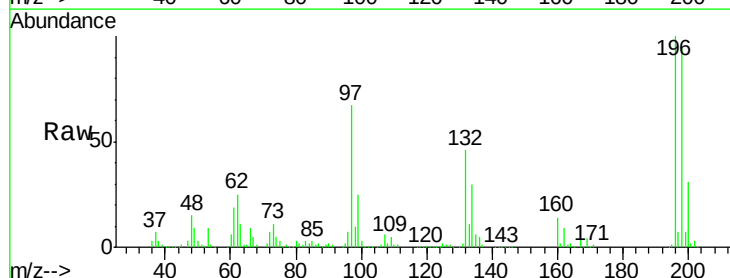
Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

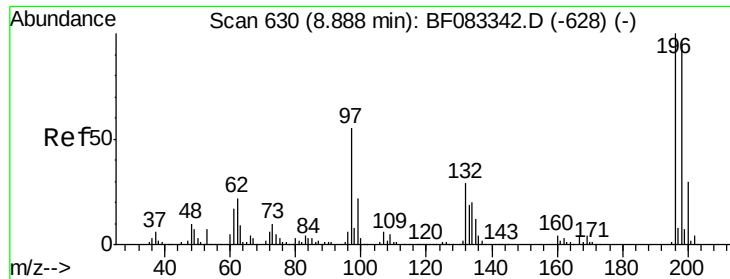
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.8	116.6
141	35.5	29.4	44.0



#42
 2,4,6-Trichlorophenol
 Concen: 41.41 ng
 RT: 8.84 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	77.2	115.8
200	30.9	24.2	36.4

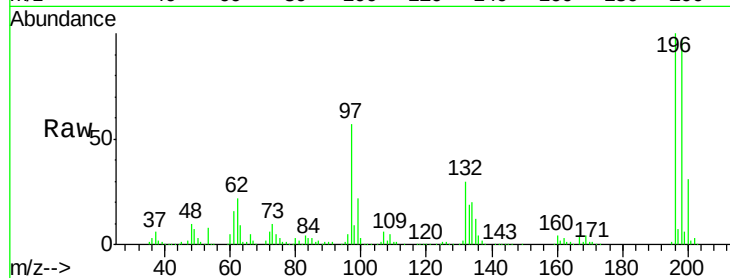




#43
 2,4,5-Trichlorophenol
 Concen: 43.30 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.2	115.8
97	57.1	44.4	66.6
132	29.8	23.2	34.8



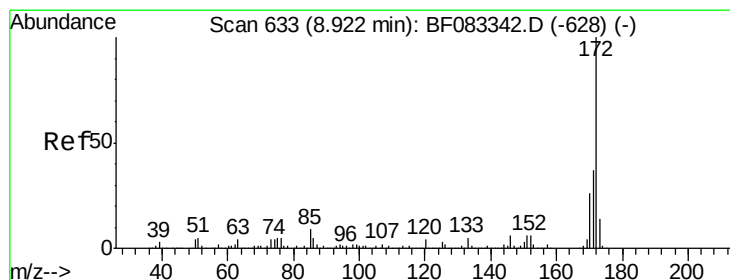
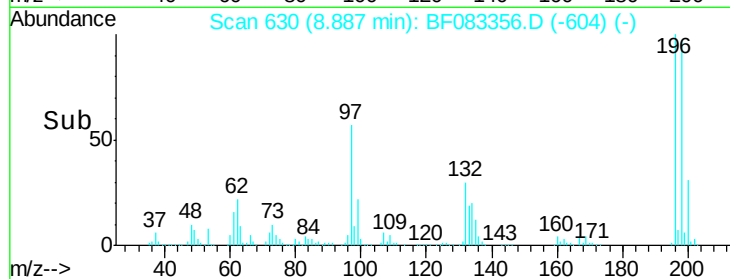
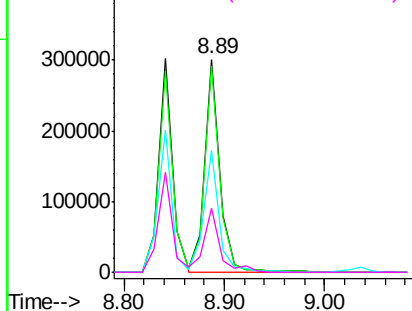
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

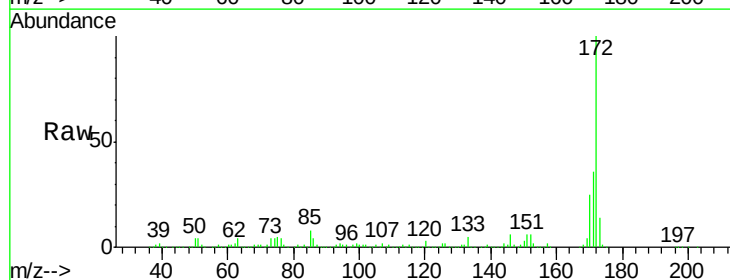
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.19 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.7	20.4	30.6

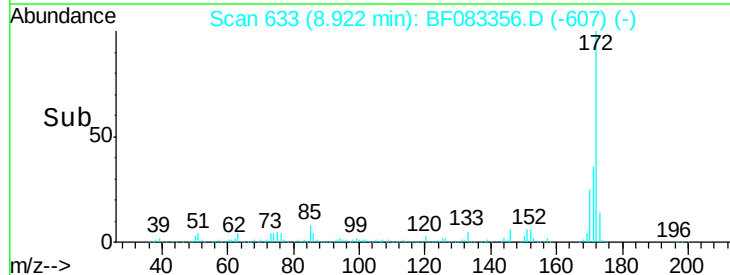
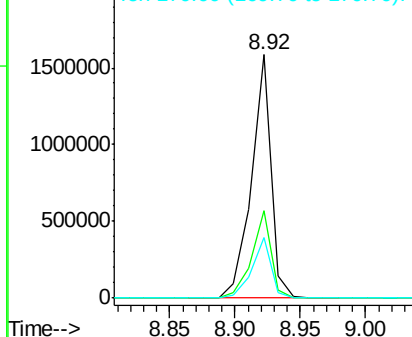


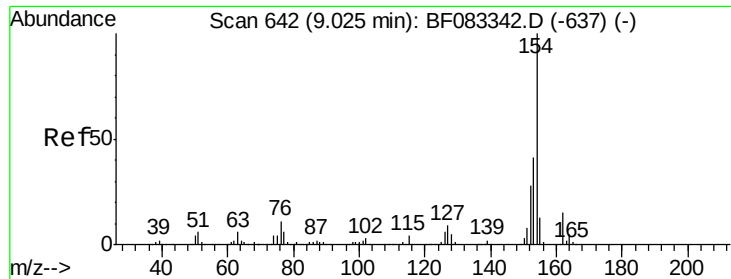
Abundance

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

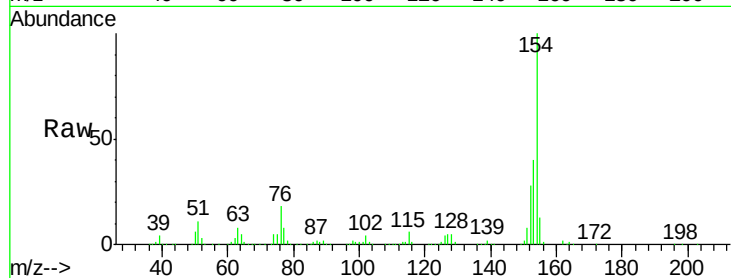




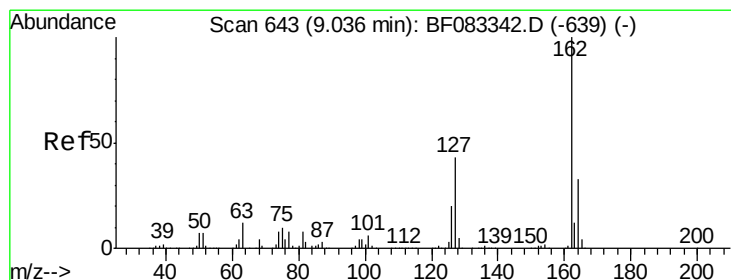
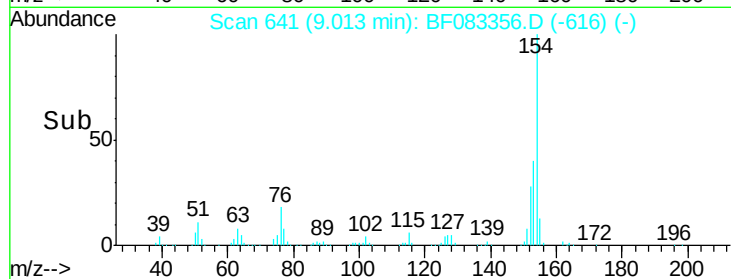
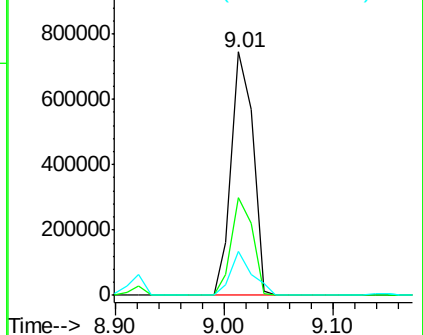
#45
 1,1'-Biphenyl
 Concen: 37.47 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion:154 Resp: 1029407
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.6 60.6
 76 18.1 0.0 30.5

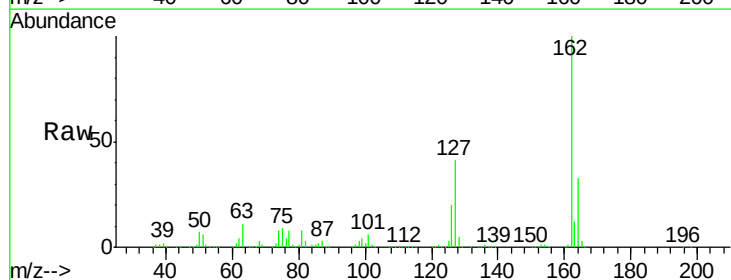


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

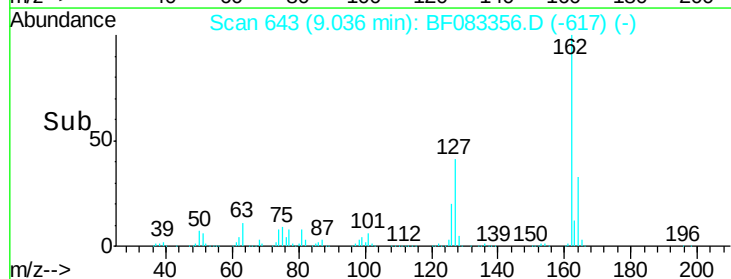
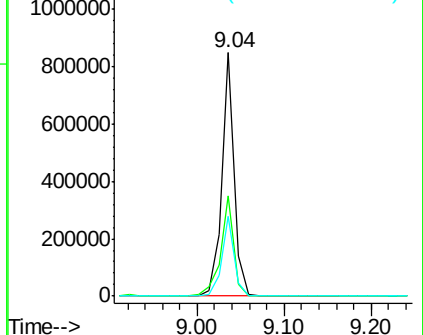


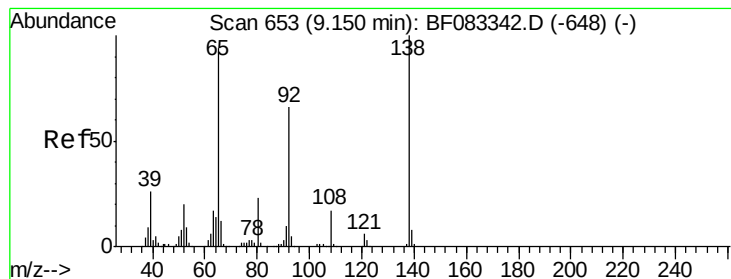
#46
 2-Chloronaphthalene
 Concen: 40.57 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion:162 Resp: 849265
 Ion Ratio Lower Upper
 162 100
 127 41.3 34.1 51.1
 164 32.9 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: 40.45 ng

RT: 9.15 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

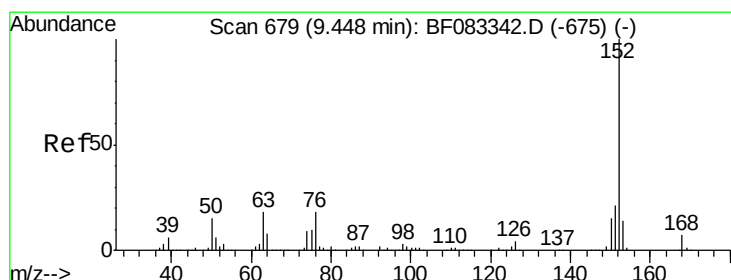
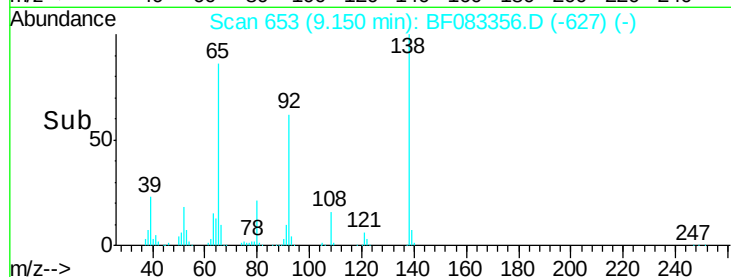
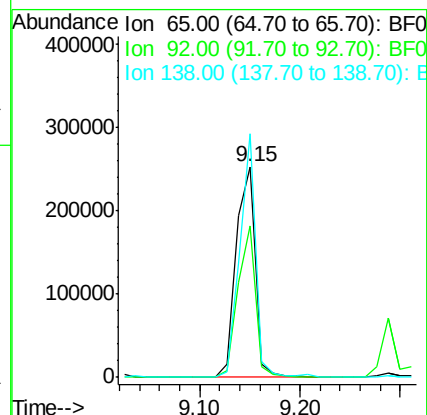
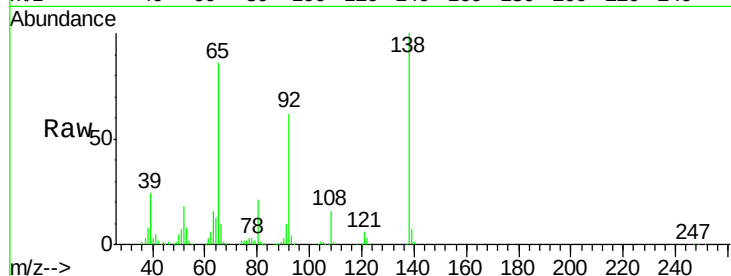
Tgt Ion: 65 Resp: 335369

Ion Ratio Lower Upper

65 100

92 71.9 56.2 84.4

138 115.6 85.4 128.0



#48

Acenaphthylene

Concen: 39.45 ng

RT: 9.45 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

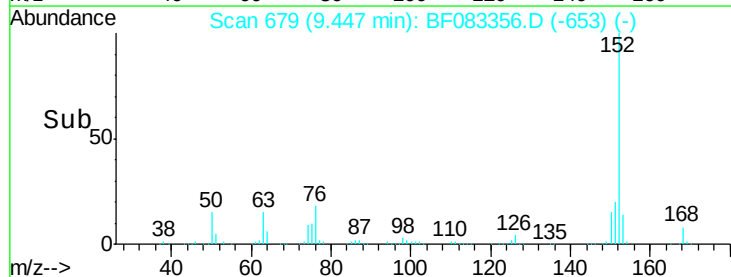
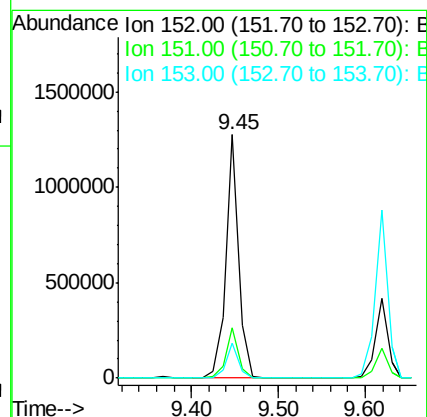
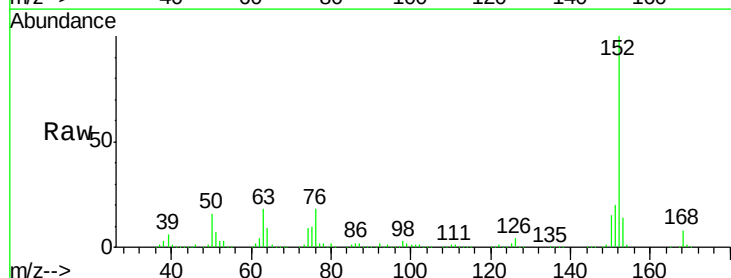
Tgt Ion: 152 Resp: 1317119

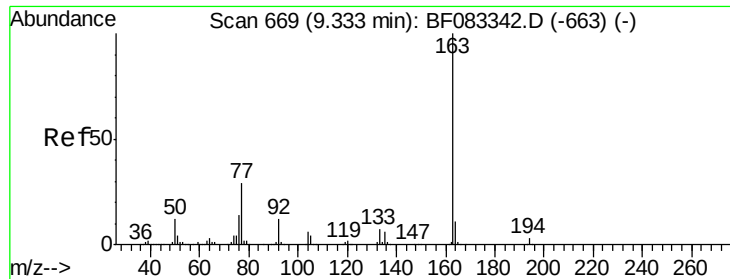
Ion Ratio Lower Upper

152 100

151 20.5 16.7 25.1

153 14.2 11.2 16.8

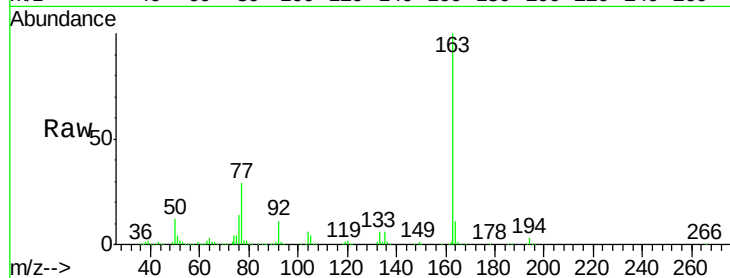




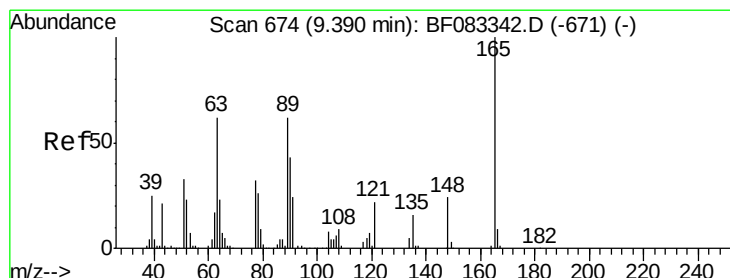
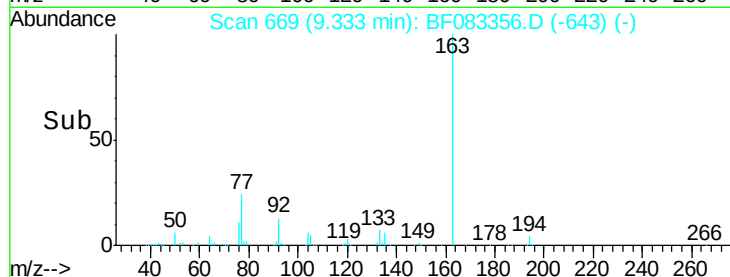
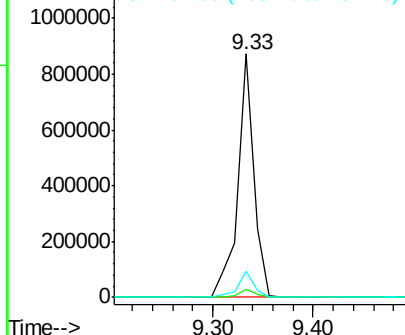
#49
Dimethylphthalate
Concen: 38.23 ng
RT: 9.33 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion:163 Resp: 973257
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.9 8.8 13.2

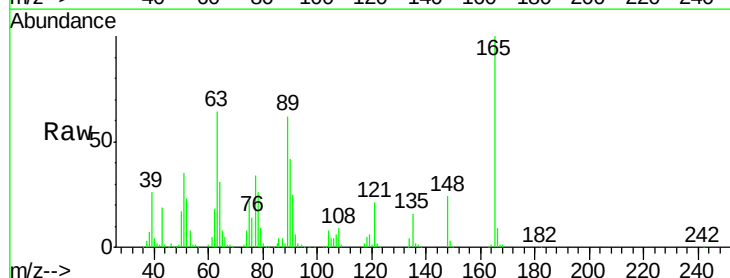


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

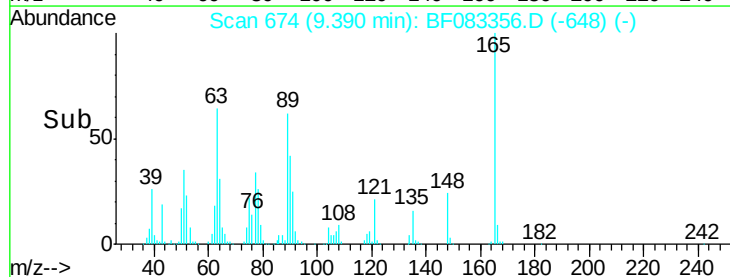
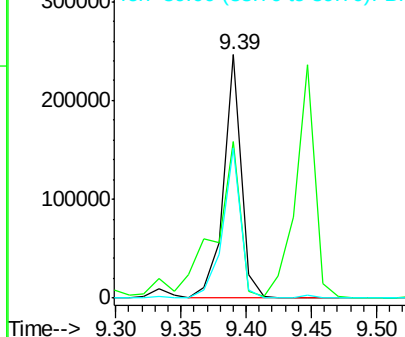


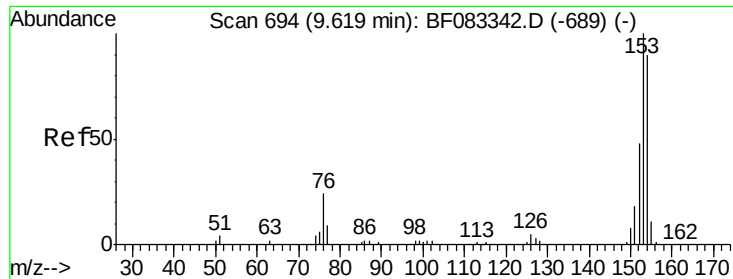
#50
2,6-Dinitrotoluene
Concen: 42.87 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion:165 Resp: 233064
Ion Ratio Lower Upper
165 100
63 64.4 56.0 84.0
89 61.5 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: 40.36 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

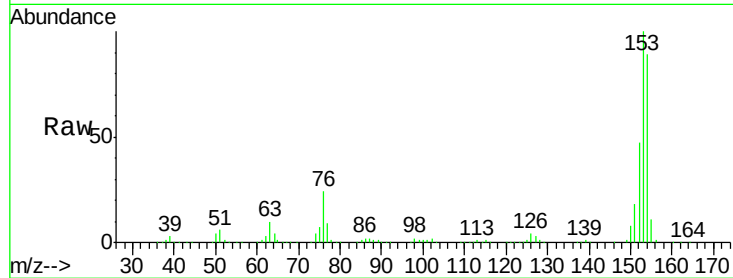
Tgt Ion:154 Resp: 792777

Ion Ratio Lower Upper

154 100

153 111.9 89.3 133.9

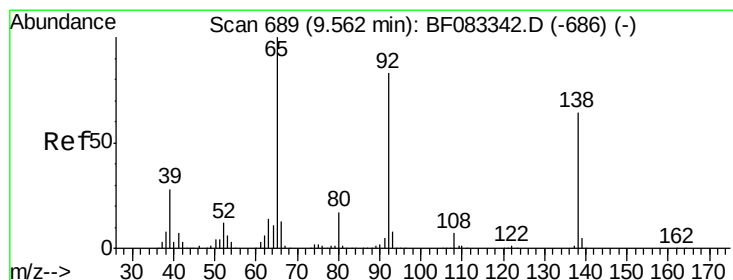
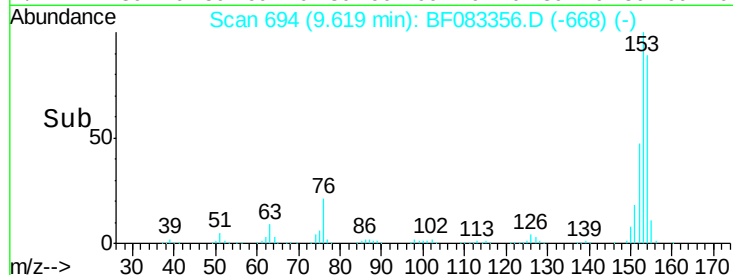
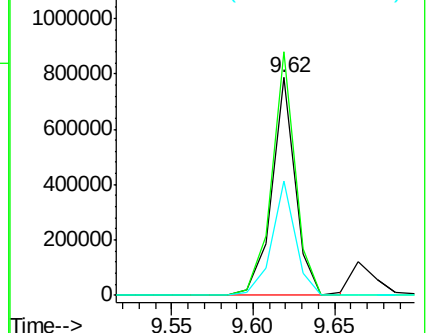
152 52.8 42.5 63.7



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: 21.40 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

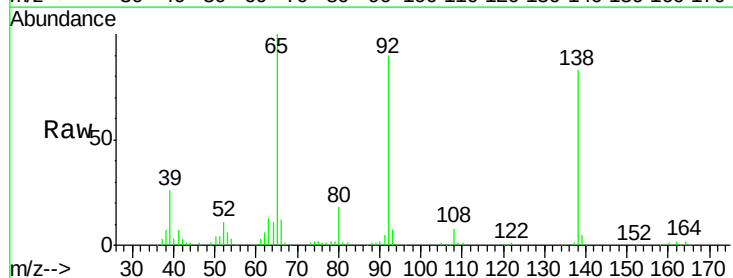
Tgt Ion:138 Resp: 136338

Ion Ratio Lower Upper

138 100

108 9.4 8.4 12.6

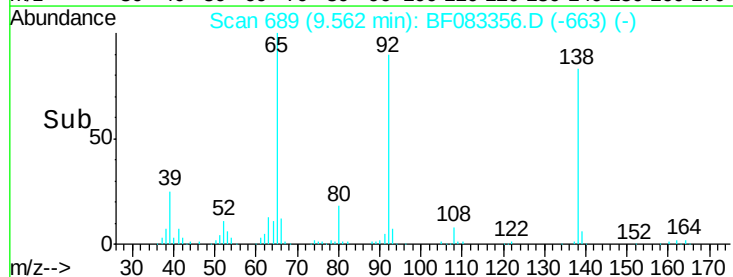
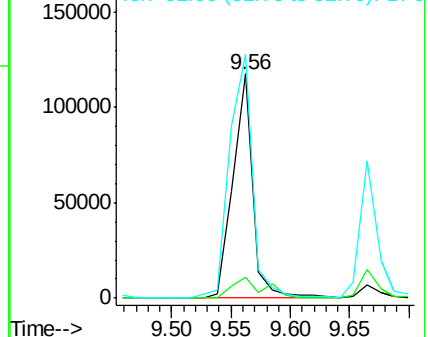
92 108.6 104.2 156.4

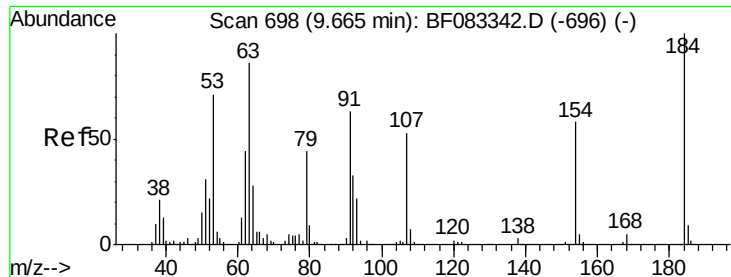


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

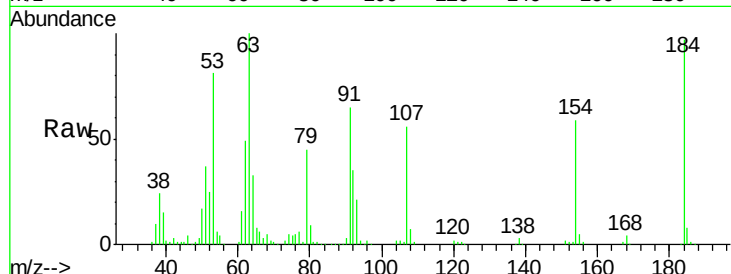




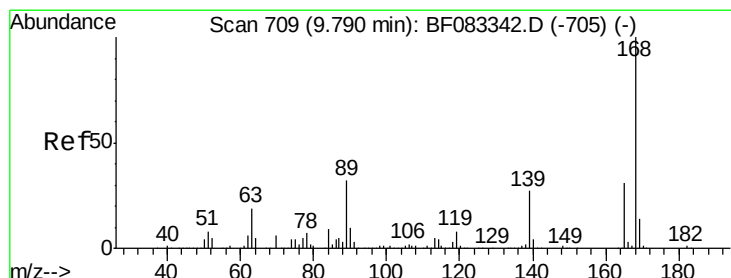
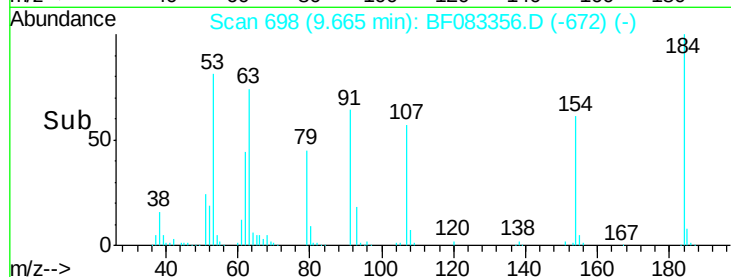
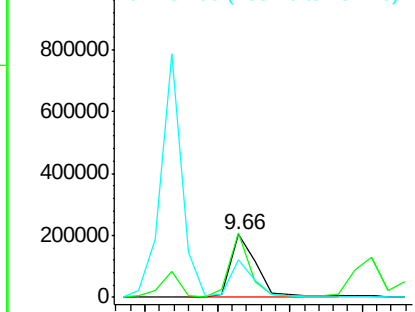
#53
2,4-Dinitrophenol
Concen: 74.37 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion:184 Resp: 250310
Ion Ratio Lower Upper
184 100
63 103.4 69.0 103.6
154 60.9 50.0 75.0

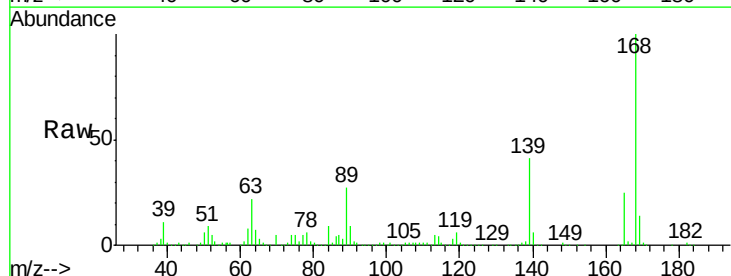


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

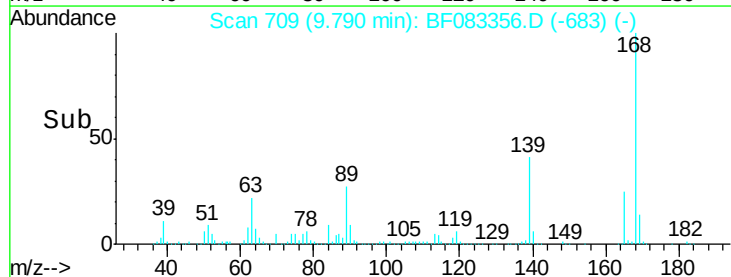
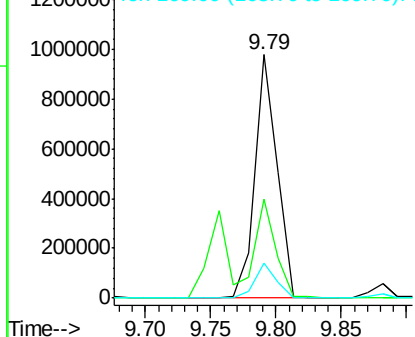


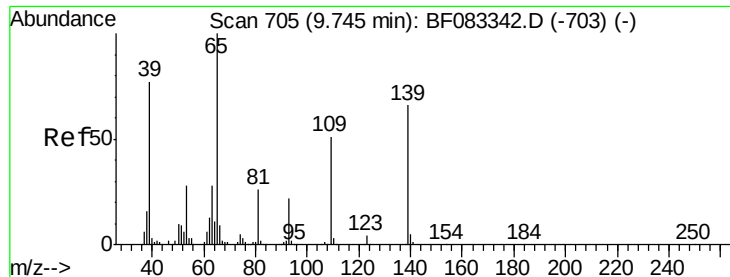
#54
Dibenzofuran
Concen: 40.23 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion:168 Resp: 1157832
Ion Ratio Lower Upper
168 100
139 40.6 32.7 49.1
169 14.4 11.1 16.7



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





#55

4-Nitrophenol

Concen: 90.16 ng

RT: 9.76 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

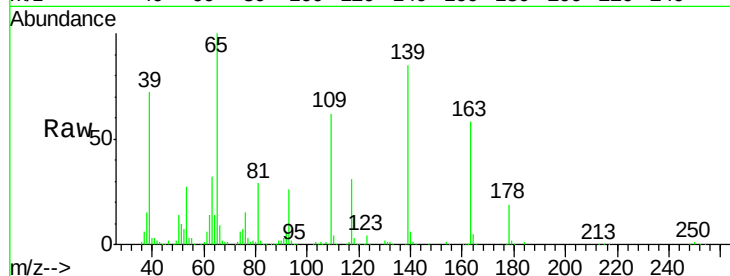
Tgt Ion:139 Resp: 359349

Ion Ratio Lower Upper

139 100

109 73.3 57.4 97.4

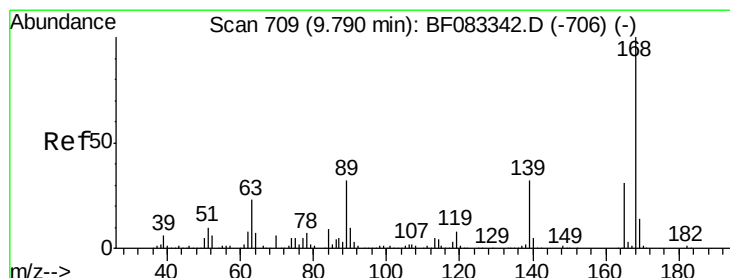
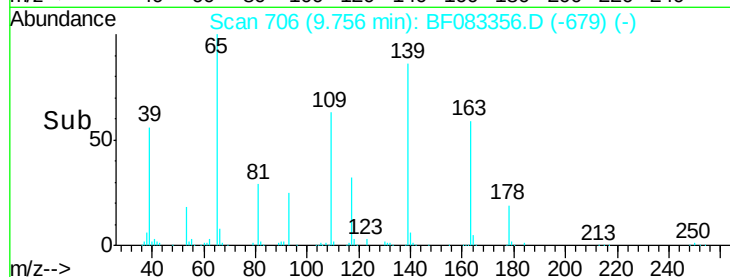
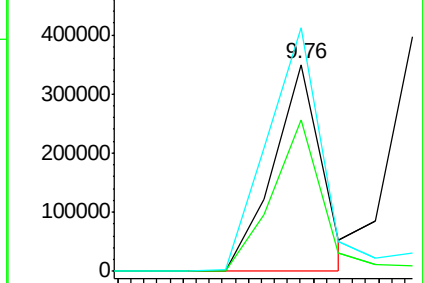
65 117.7 131.6 171.6#



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): BF0



#56

2,4-Dinitrotoluene

Concen: 41.62 ng

RT: 9.79 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Tgt Ion:165 Resp: 287124

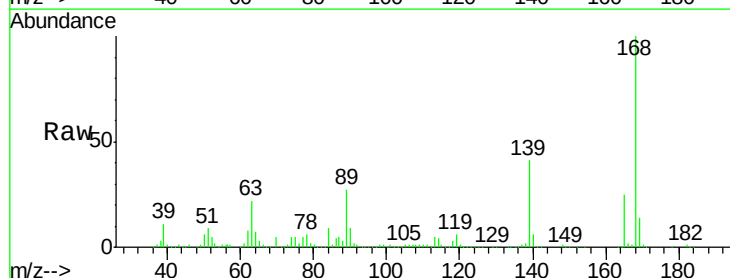
Ion Ratio Lower Upper

165 100

63 89.4 65.4 98.0

89 107.0 81.2 121.8

182 2.0 1.8 2.8

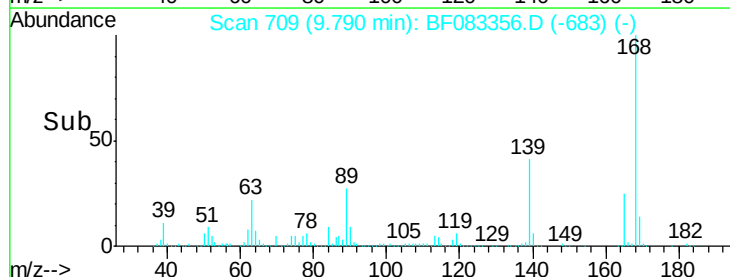
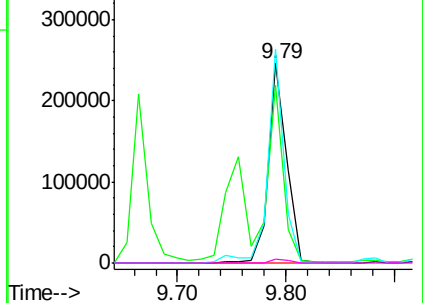


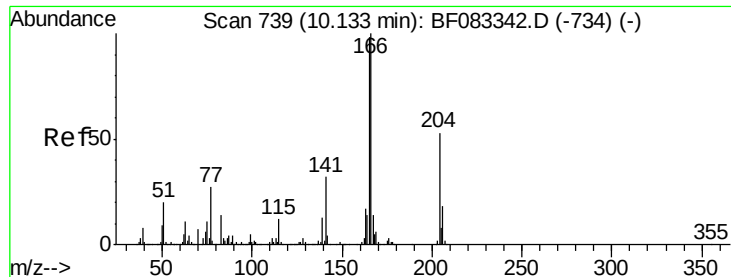
Abundance Ion 165.00 (164.70 to 165.70): E

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

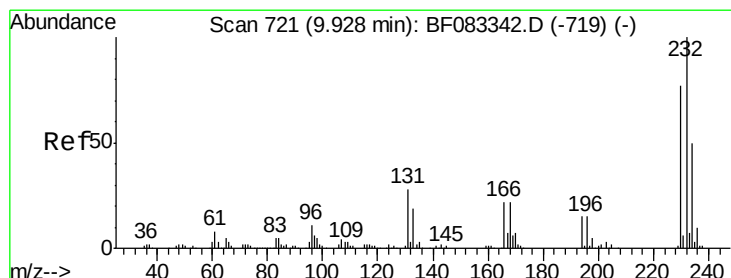
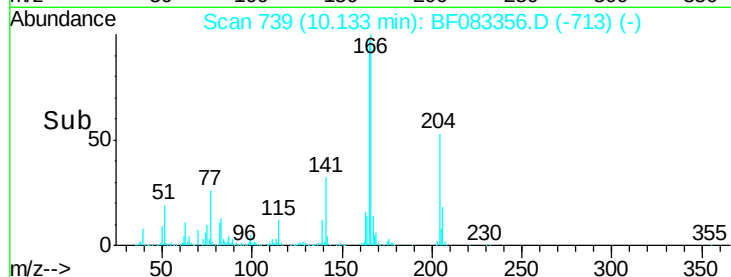
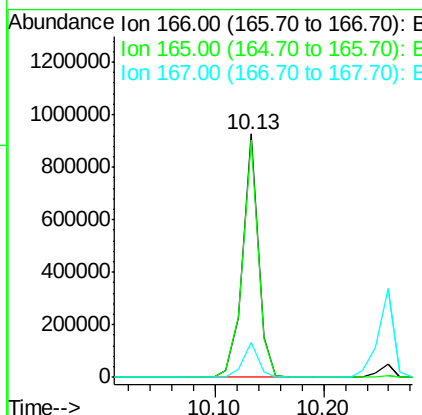
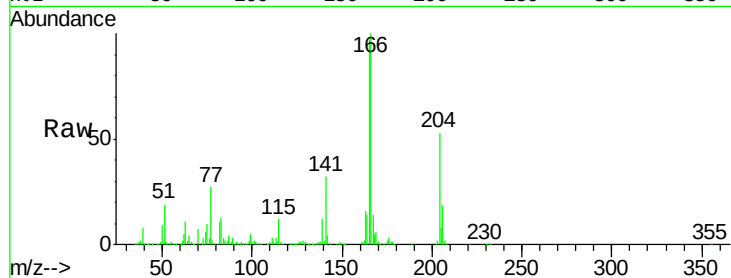




#57
 Fluorene
 Concen: 40.61 ng
 RT: 10.13 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

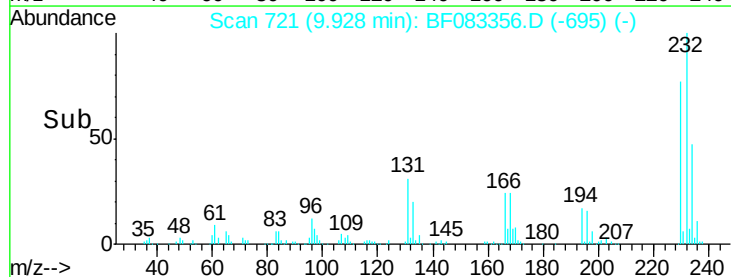
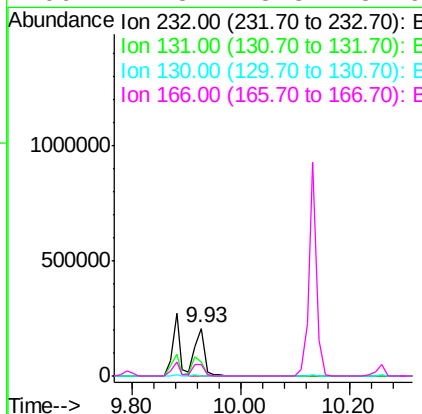
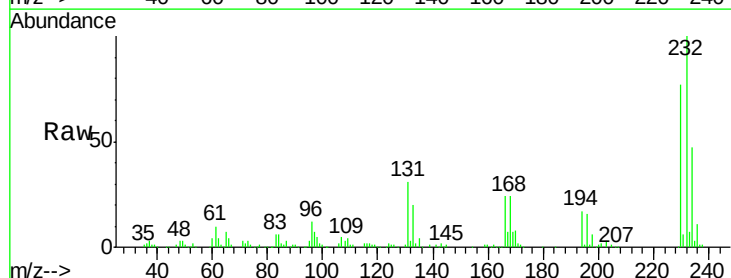
Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

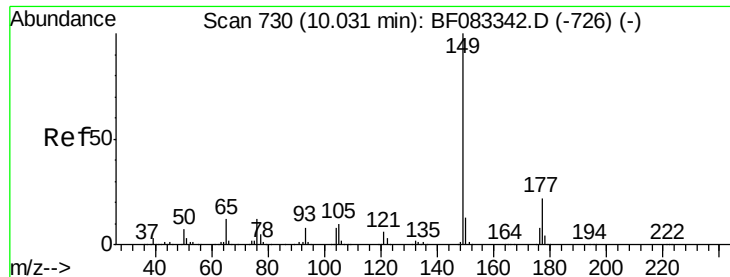
Tgt Ion:166 Resp: 922884
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.3 117.5
 167 14.2 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.78 ng
 RT: 9.93 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion:232 Resp: 254906
 Ion Ratio Lower Upper
 232 100
 131 45.5 35.4 53.2
 130 2.1 1.7 2.5
 166 27.8 23.3 34.9

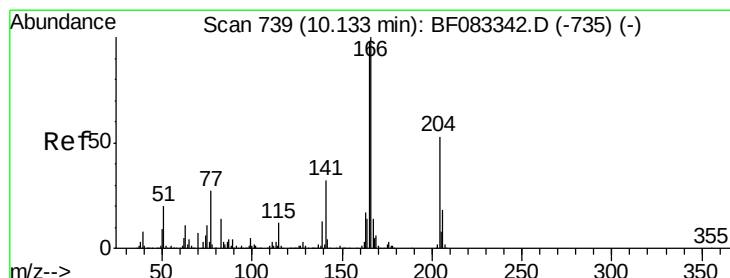
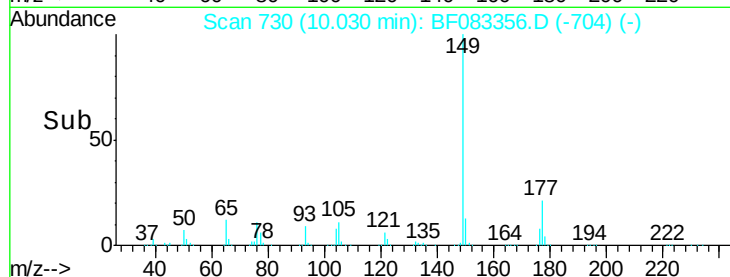
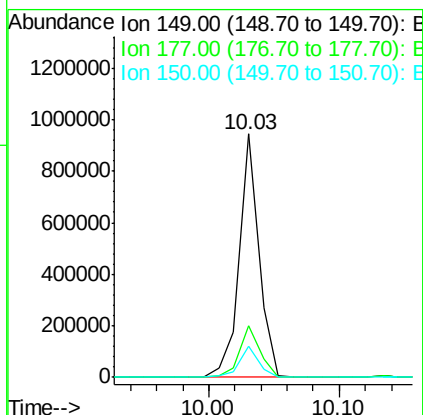
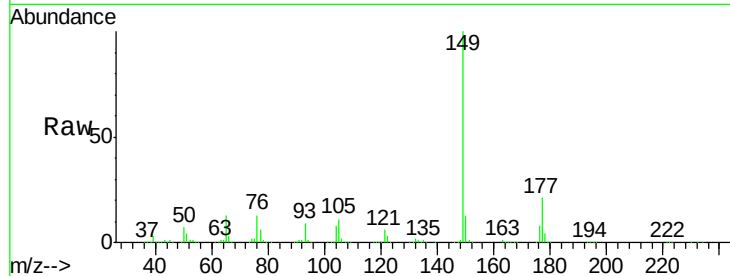




#59
Diethylphthalate
Concen: 40.78 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

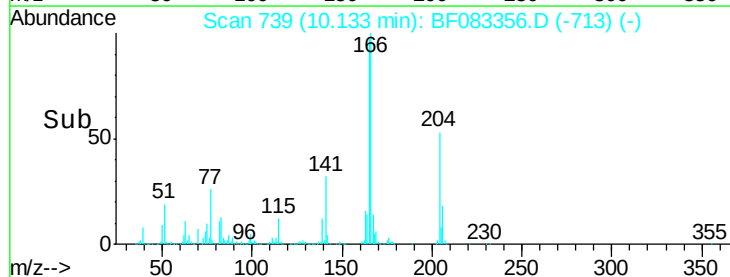
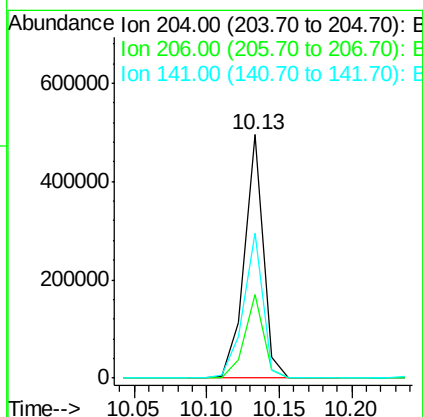
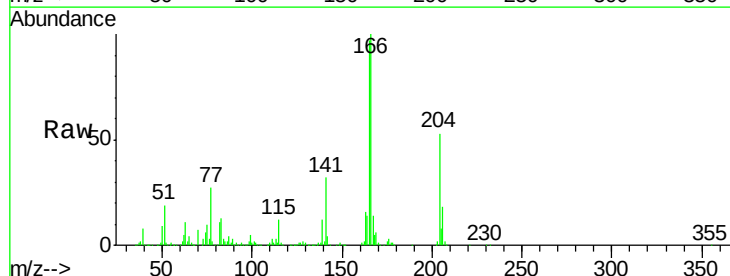
Instrument :
BNA_F
ClientSampleId :
PB86889BS

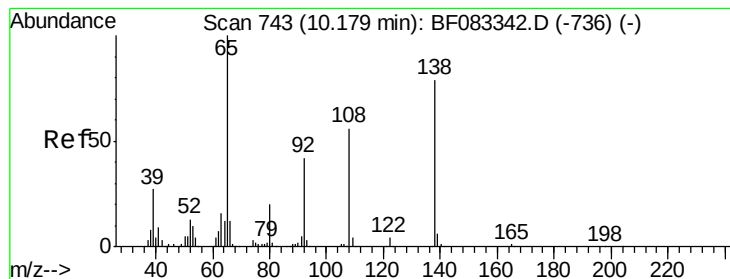
Tgt Ion:149 Resp: 989508
Ion Ratio Lower Upper
149 100
177 21.4 17.4 26.2
150 12.6 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 43.21 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion:204 Resp: 451218
Ion Ratio Lower Upper
204 100
206 34.3 27.5 41.3
141 59.5 48.1 72.1





#61

4-Nitroaniline

Concen: 40.39 ng

RT: 10.18 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

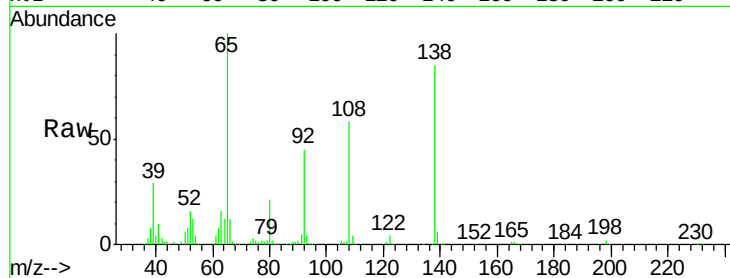
Tgt Ion:138 Resp: 257526

Ion Ratio Lower Upper

138 100

92 52.6 33.6 73.6

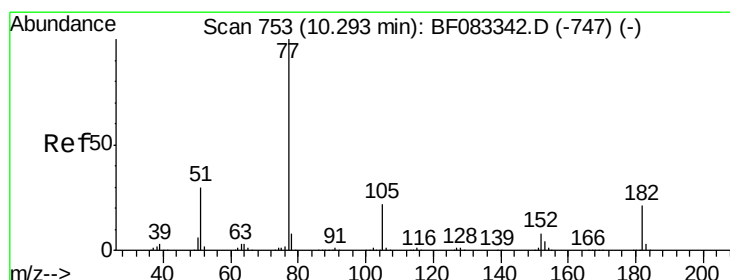
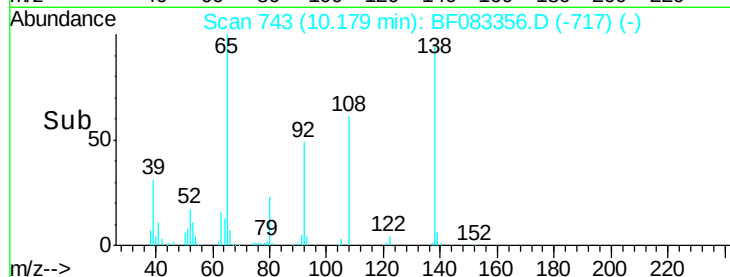
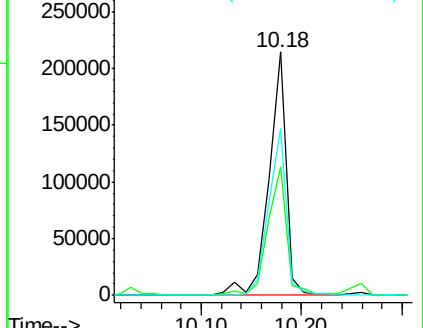
108 68.5 51.0 91.0



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: 44.21 ng

RT: 10.29 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Tgt Ion: 77 Resp: 1296073

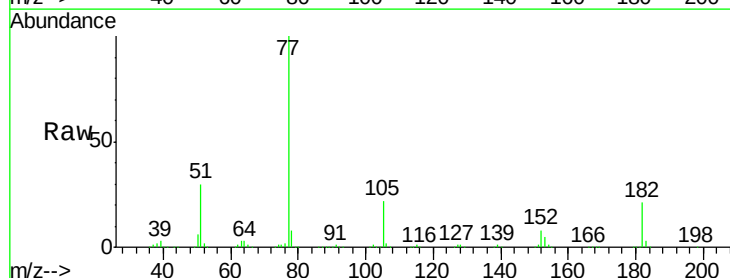
Ion Ratio Lower Upper

77 100

182 21.5 0.8 40.8

105 22.0 2.3 42.3

51 30.0 10.6 50.6

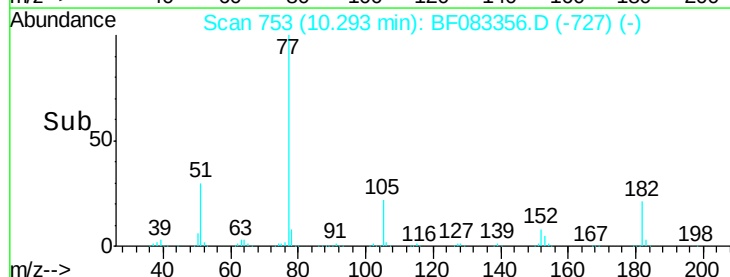
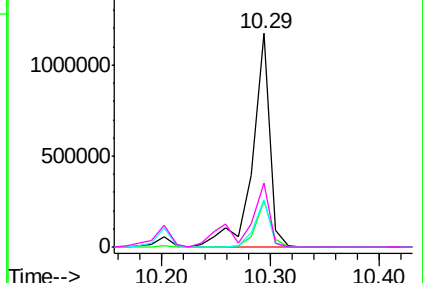


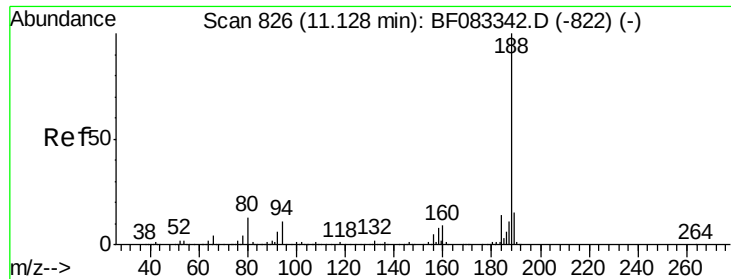
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

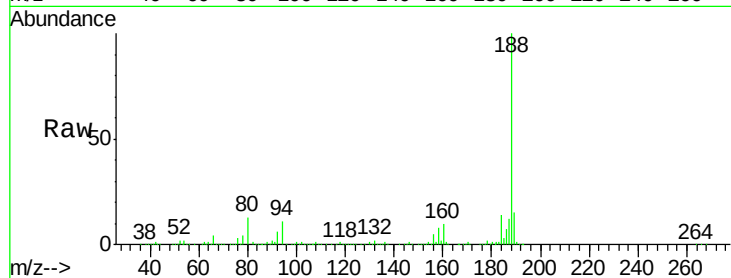




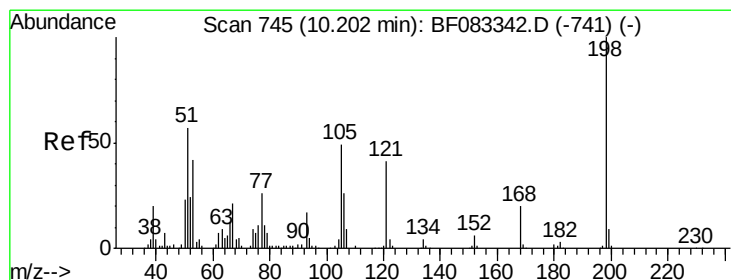
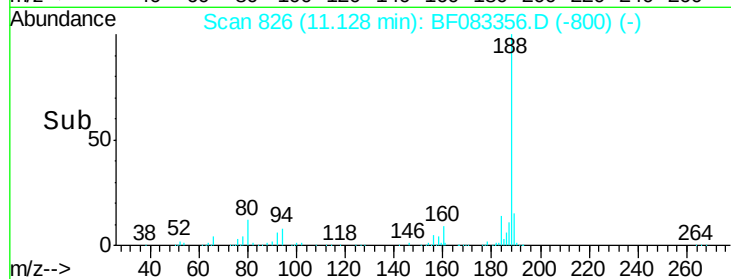
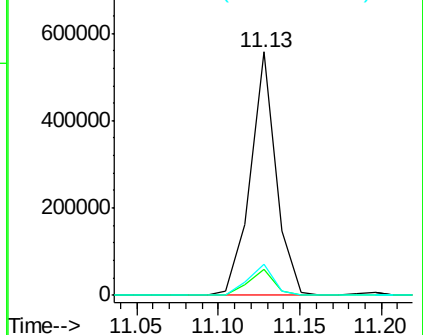
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion:188 Resp: 608754
Ion Ratio Lower Upper
188 100
94 10.7 8.7 13.1
80 12.7 10.3 15.5

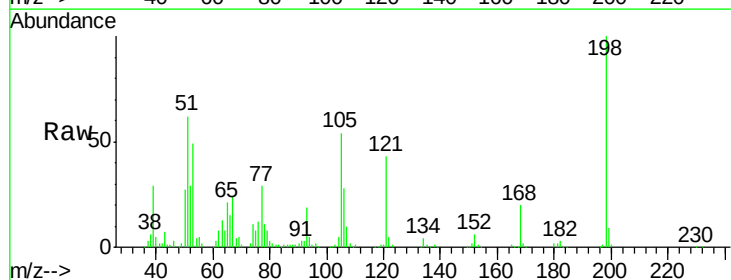


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

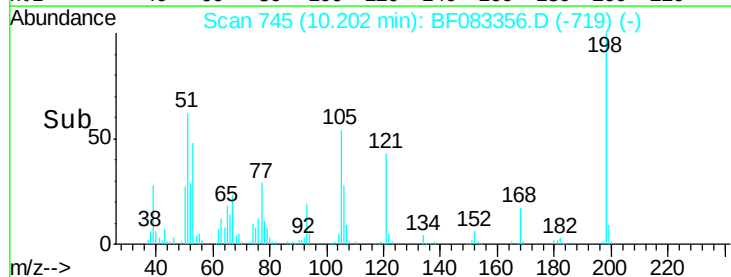
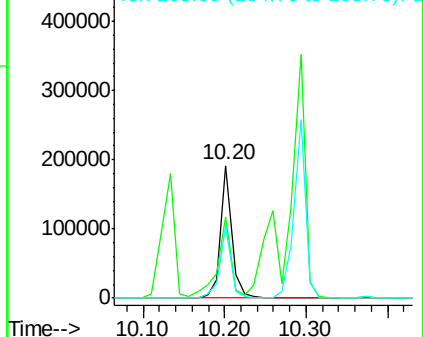


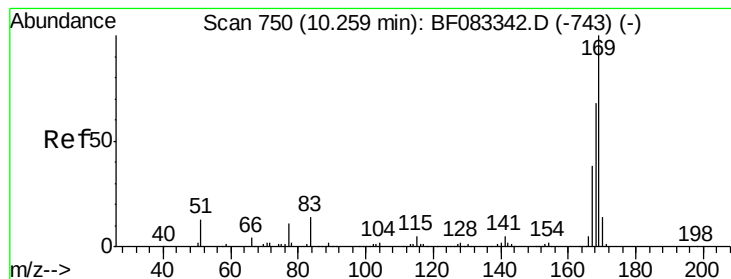
#64
4,6-Dinitro-2-methylphenol
Concen: 45.17 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion:198 Resp: 184619
Ion Ratio Lower Upper
198 100
51 61.6 38.3 78.3
105 54.1 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: 42.06 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

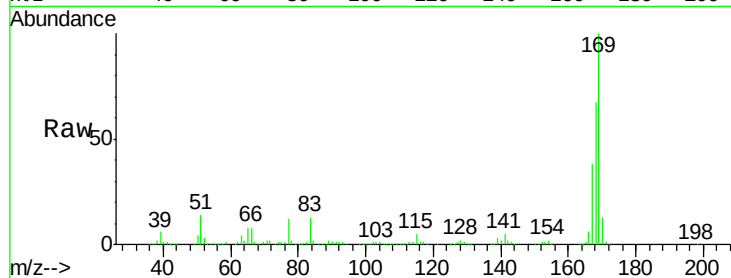
Tgt Ion:169 Resp: 899746

Ion Ratio Lower Upper

169 100

168 67.1 54.8 82.2

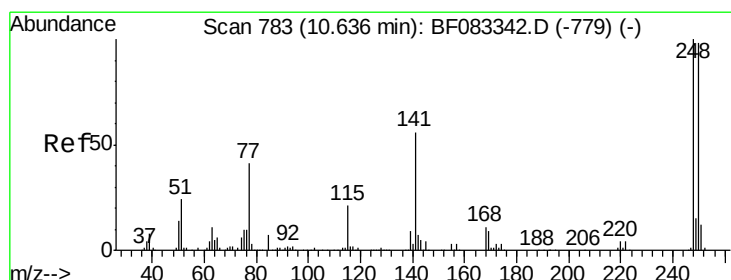
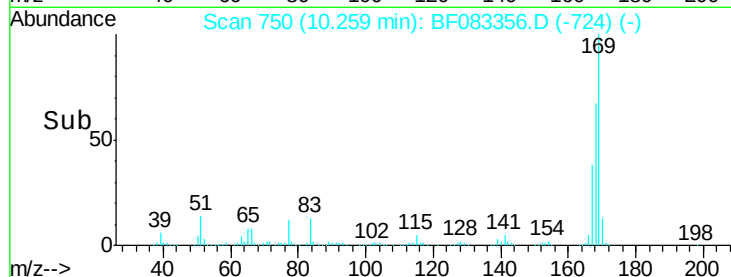
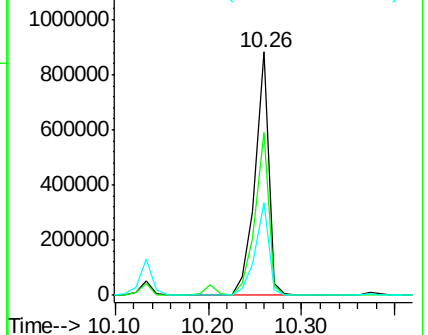
167 38.0 30.2 45.2



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: 42.42 ng

RT: 10.64 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

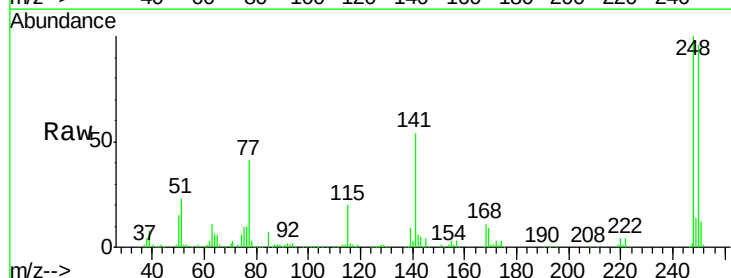
Tgt Ion:248 Resp: 282477

Ion Ratio Lower Upper

248 100

250 95.6 78.6 118.0

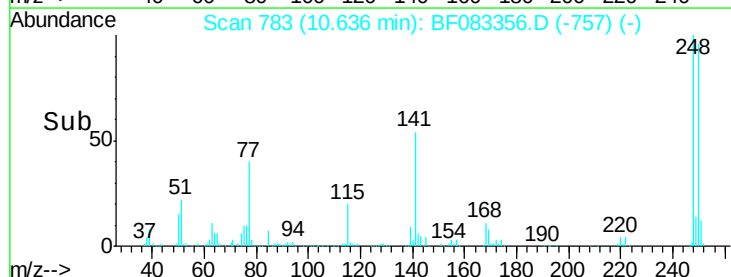
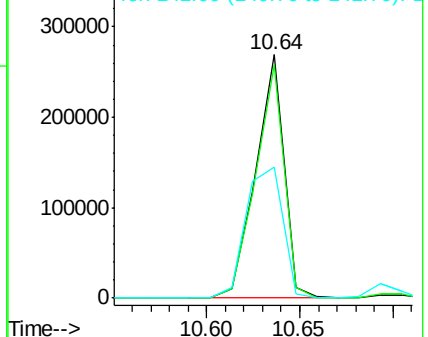
141 53.6 44.4 66.6

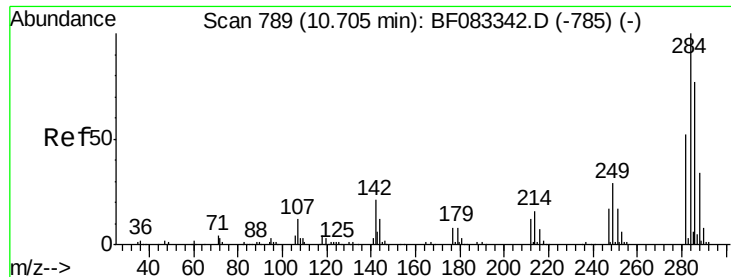


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

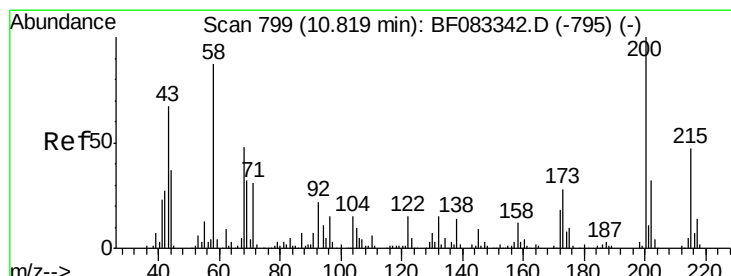
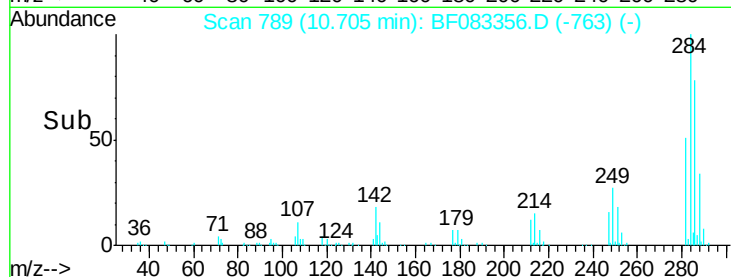
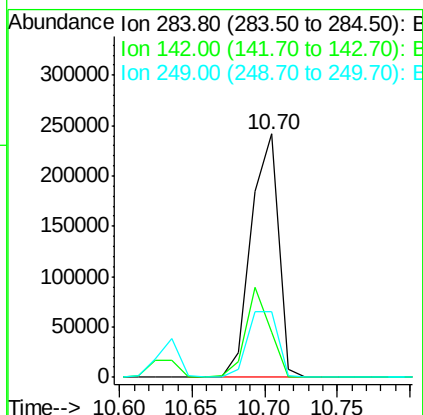
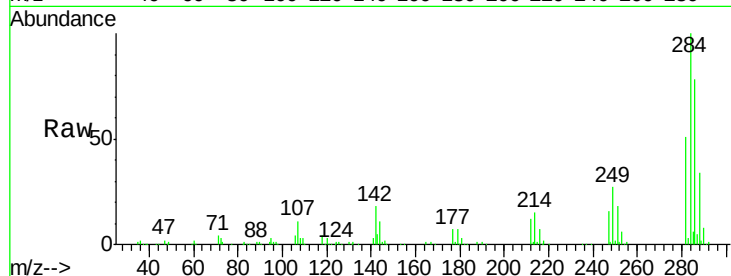




#67
Hexachlorobenzene
Concen: 42.89 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

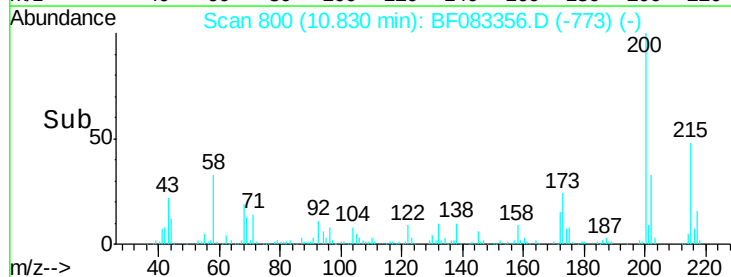
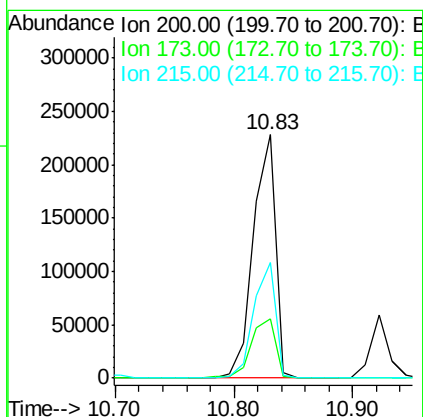
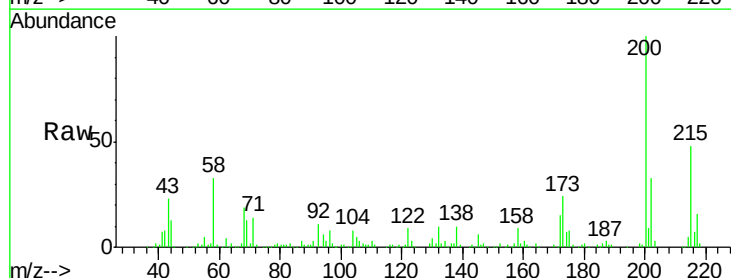
Instrument :
BNA_F
ClientSampleId :
PB86889BS

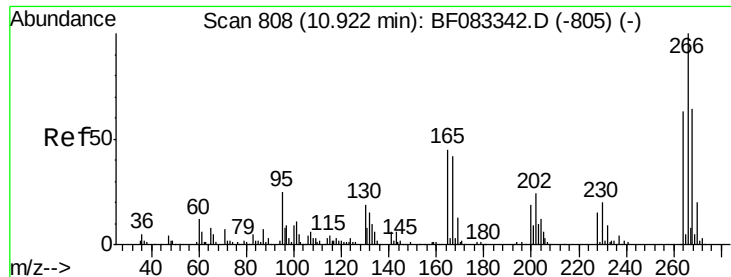
Tgt Ion:284 Resp: 315801
Ion Ratio Lower Upper
284 100
142 18.3 16.6 24.8
249 27.0 23.0 34.4



#68
Atrazine
Concen: 50.90 ng
RT: 10.83 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion:200 Resp: 301125
Ion Ratio Lower Upper
200 100
173 24.2 8.3 48.3
215 47.7 26.7 66.7

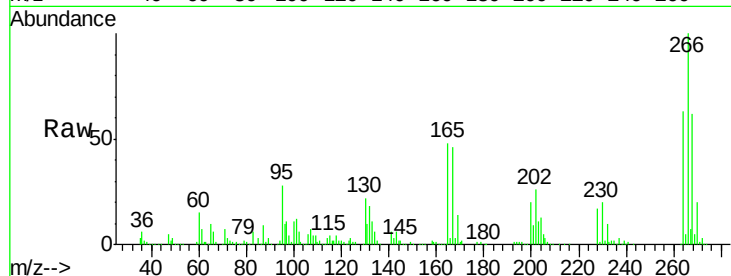




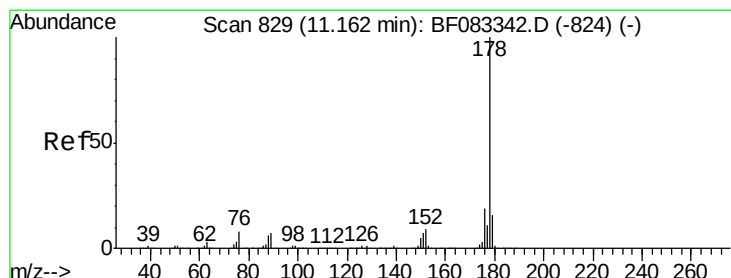
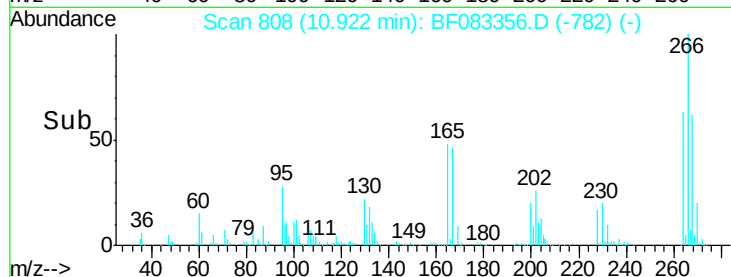
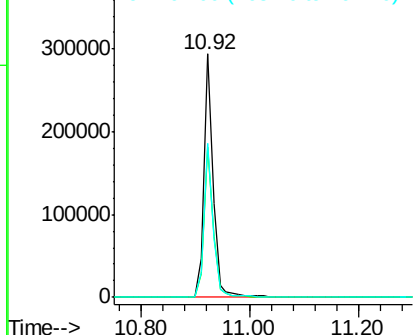
#69
 Pentachlorophenol
 Concen: 88.93 ng
 RT: 10.92 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion:266 Resp: 342997
 Ion Ratio Lower Upper
 266 100
 268 61.8 51.5 77.3
 264 63.1 50.4 75.6

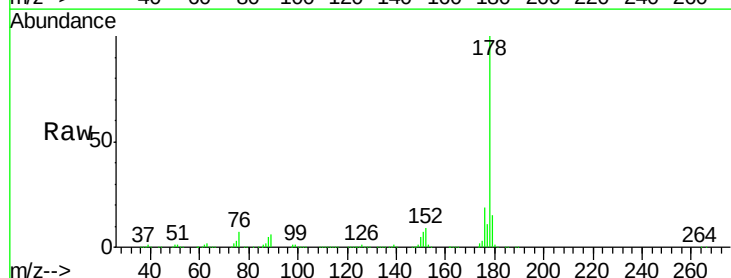


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

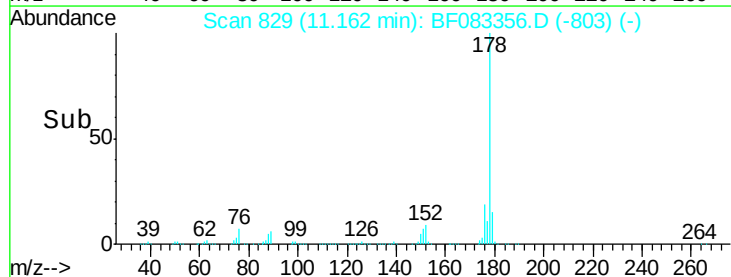
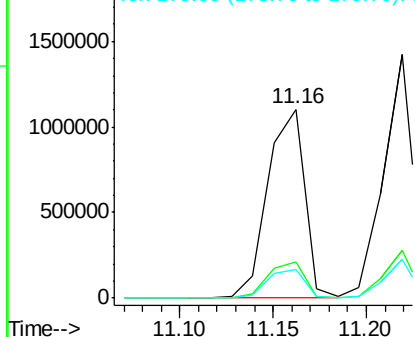


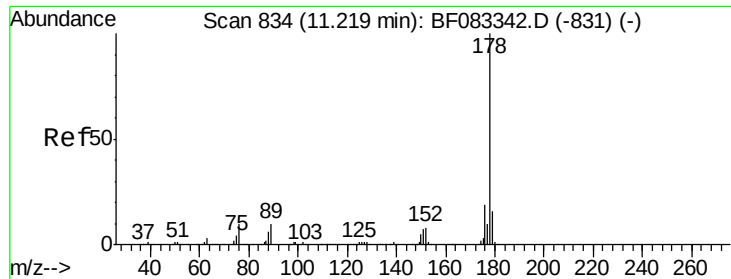
#70
 Phenanthrene
 Concen: 42.24 ng
 RT: 11.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion:178 Resp: 1521565
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.3 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

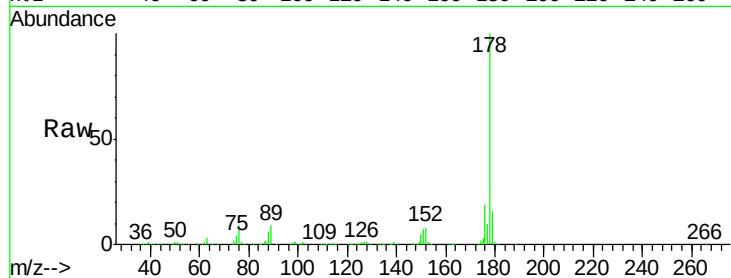




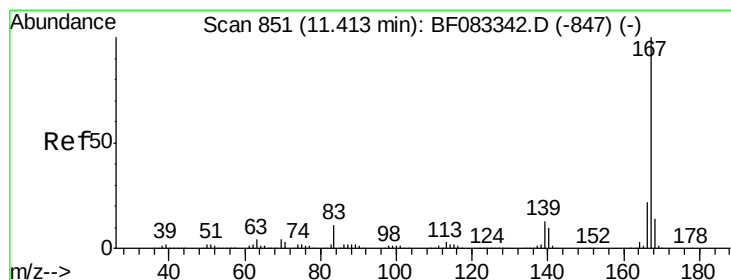
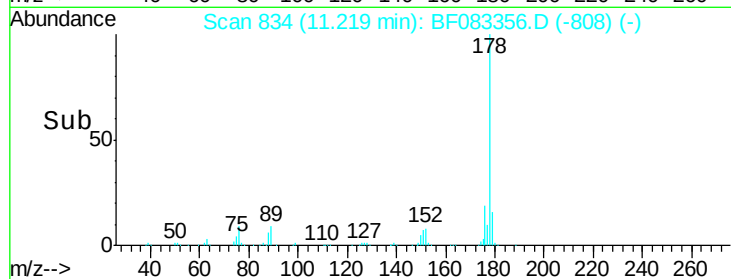
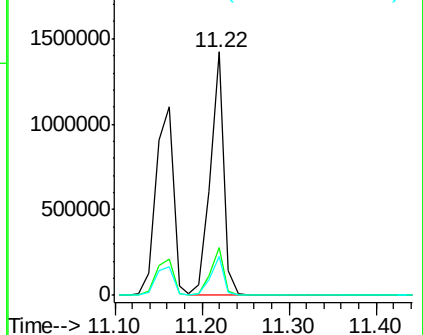
#71
 Anthracene
 Concen: 42.64 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion:178 Resp: 1546629
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 16.2 12.8 19.2

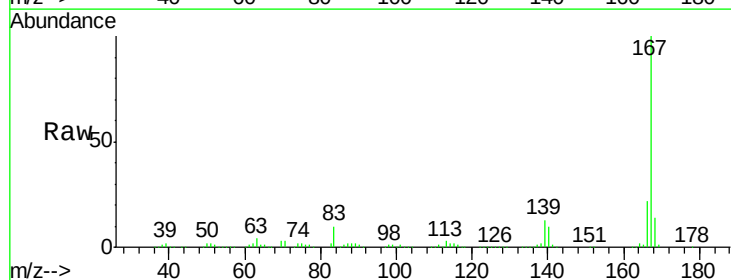


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

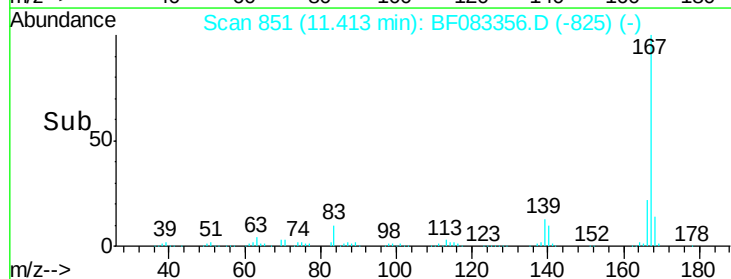
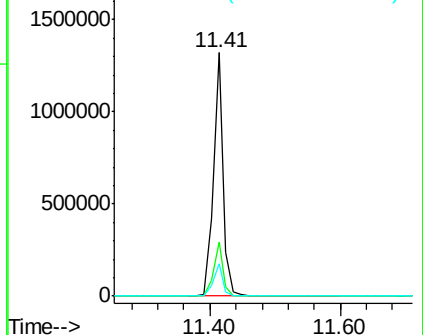


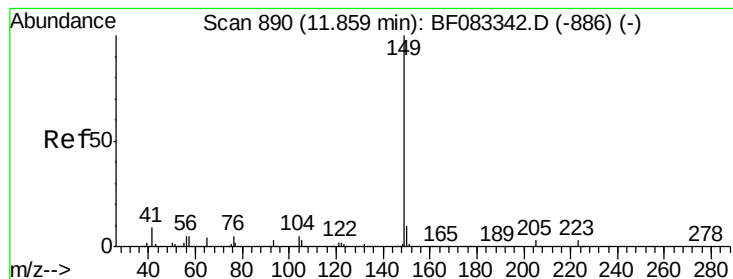
#72
 Carbazole
 Concen: 42.80 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion:167 Resp: 1394703
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.3 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: 43.36 ng

RT: 11.86 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

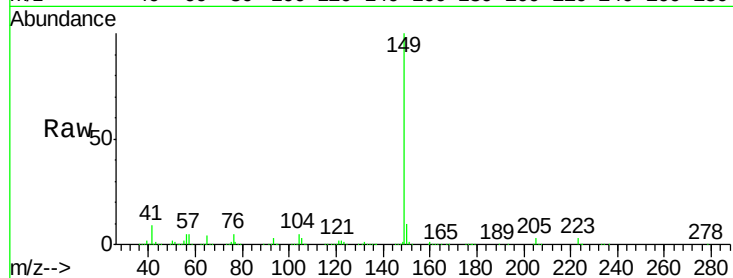
Tgt Ion:149 Resp: 1674373

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

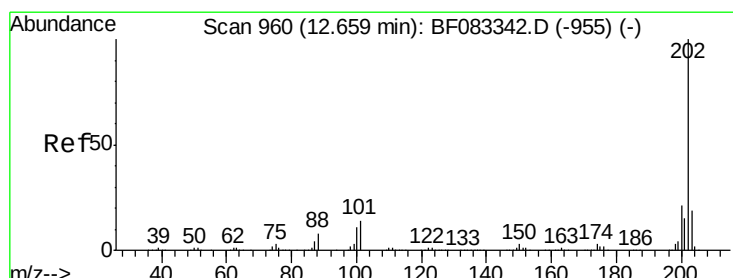
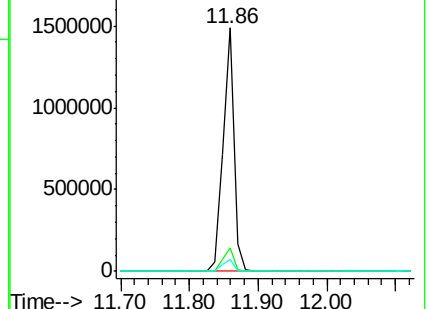
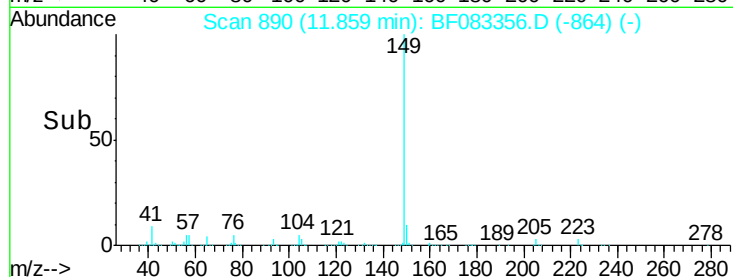
104 4.8 4.0 6.0



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: 43.00 ng

RT: 12.66 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

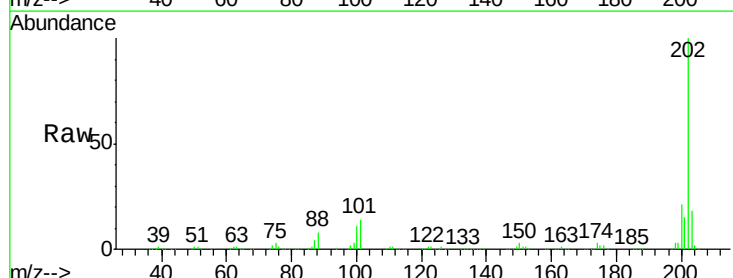
Tgt Ion:202 Resp: 1605658

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.5

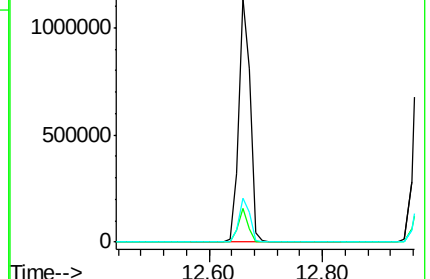
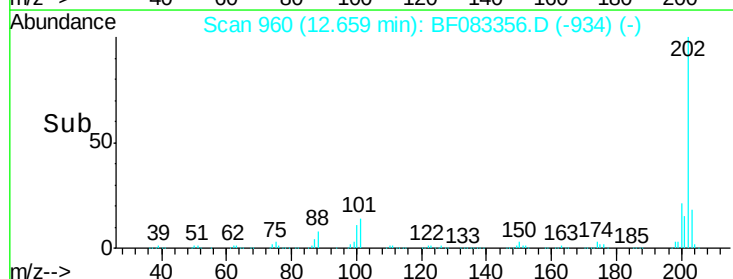
203 18.1 0.0 38.7

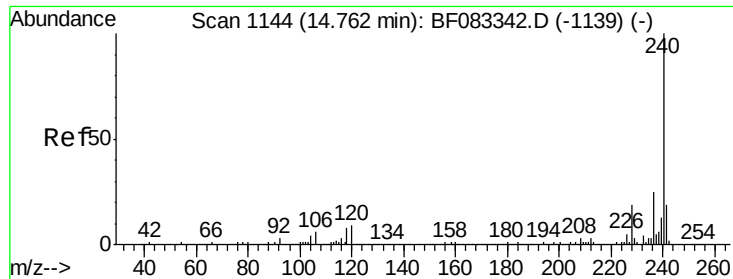


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

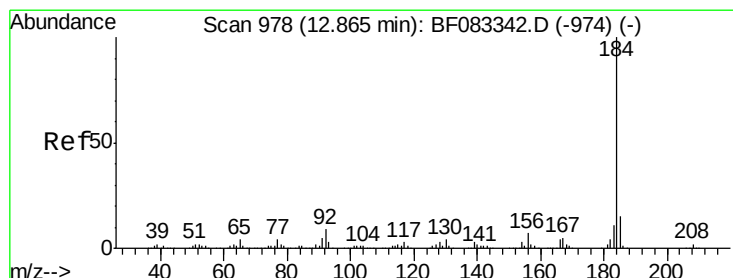
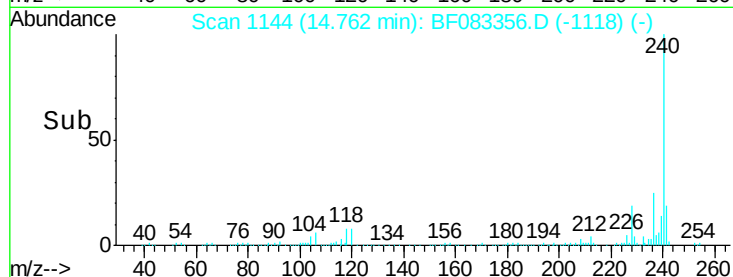
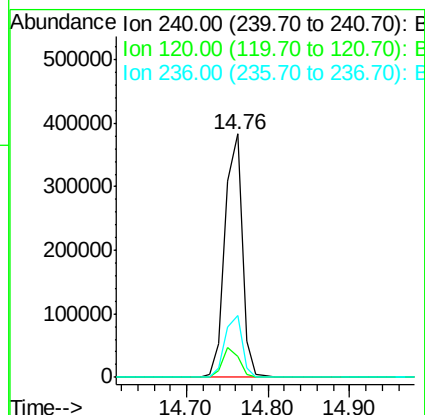
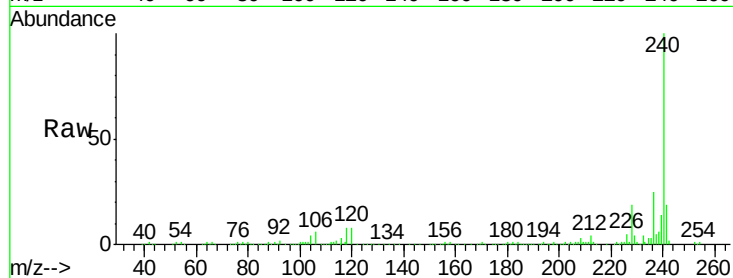




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.76 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

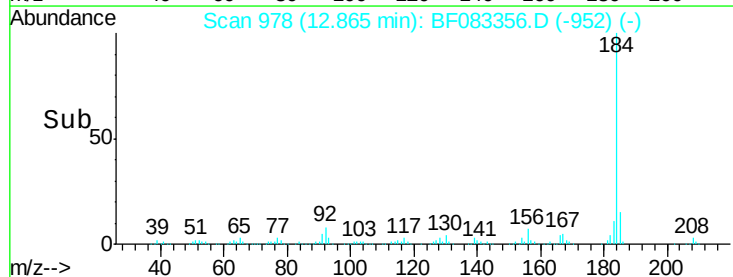
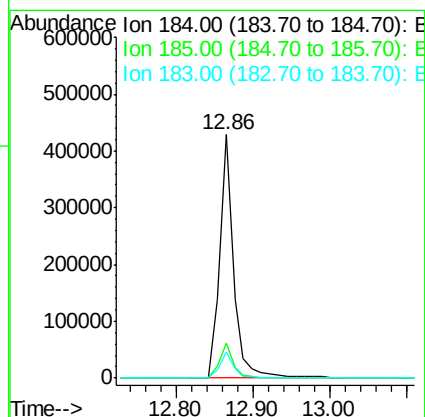
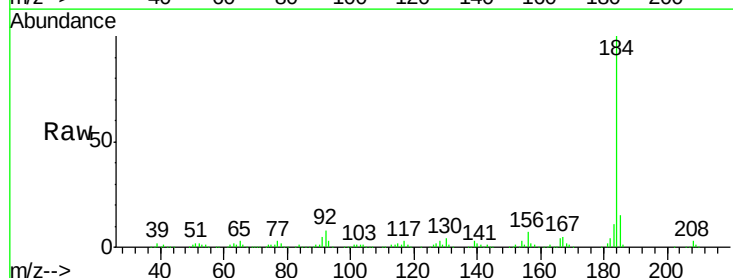
Instrument :
BNA_F
ClientSampleId :
PB86889BS

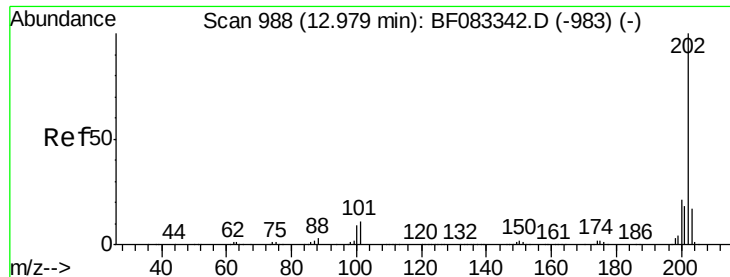
Tgt Ion:240 Resp: 560871
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 25.5 19.8 29.6



#76
Benzidine
Concen: 32.57 ng
RT: 12.86 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion:184 Resp: 544143
Ion Ratio Lower Upper
184 100
185 14.6 12.4 18.6
183 10.8 9.0 13.4

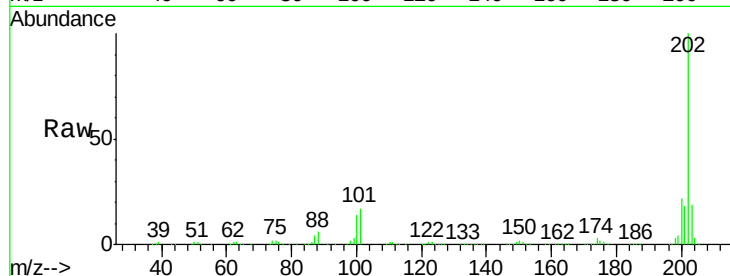




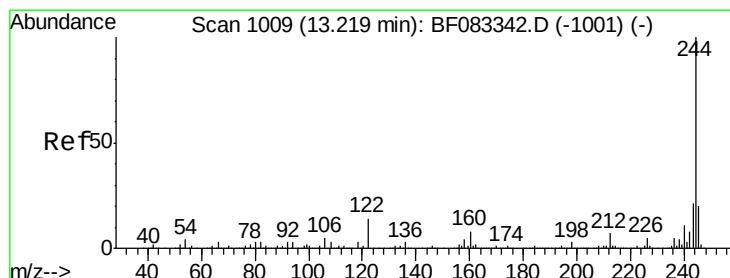
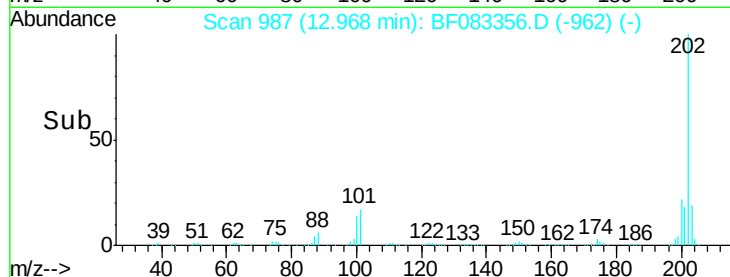
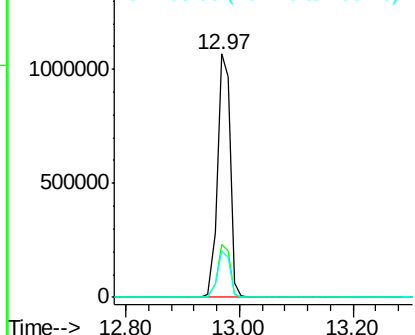
#77
Pyrene
 Concen: 42.30 ng
 RT: 12.97 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion:202 Resp: 1656759
 Ion Ratio Lower Upper
 202 100
 200 21.9 16.9 25.3
 203 19.2 13.9 20.9

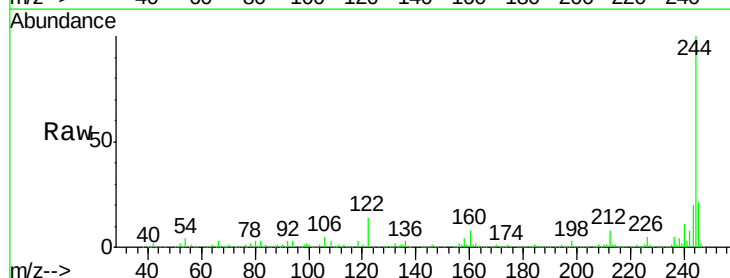


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

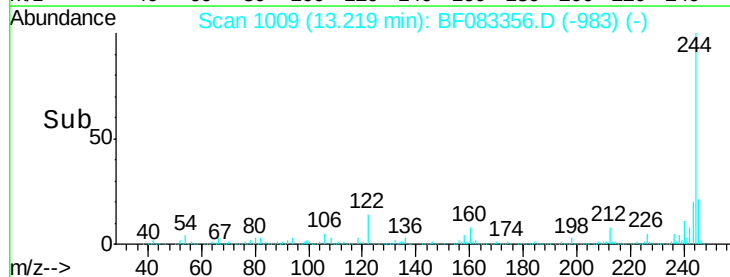
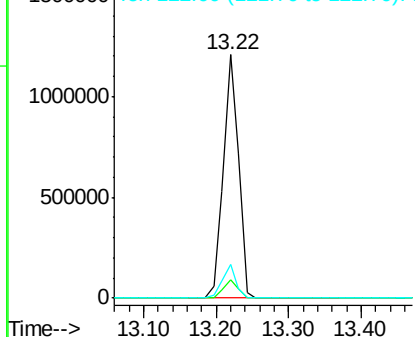


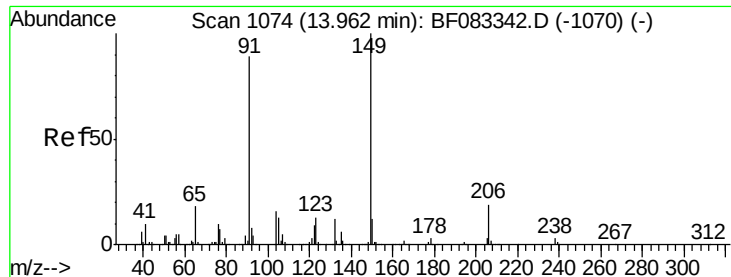
#78
Terphenyl-d14
 Concen: 74.52 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion:244 Resp: 1752525
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 14.0 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

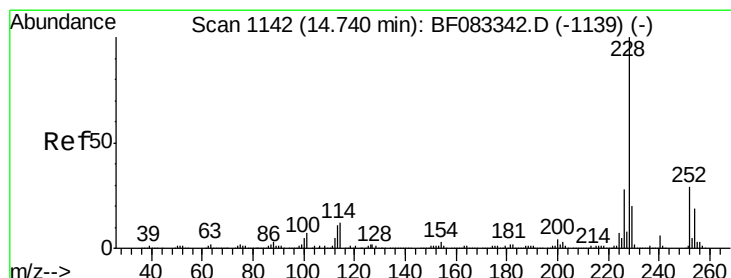
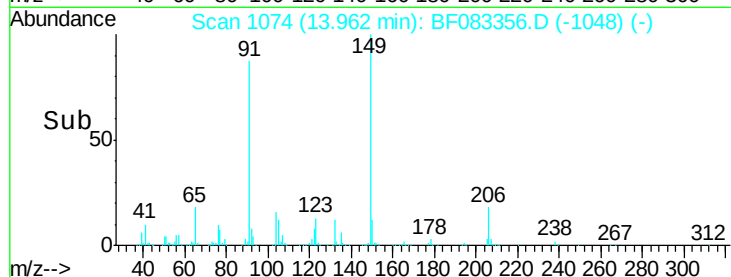
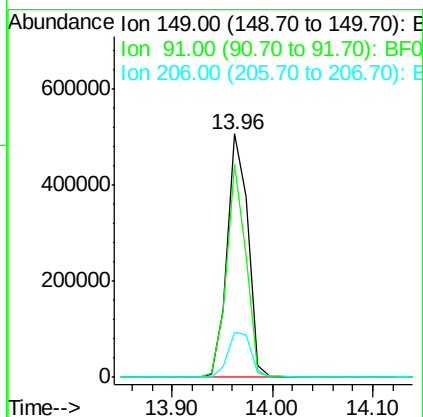
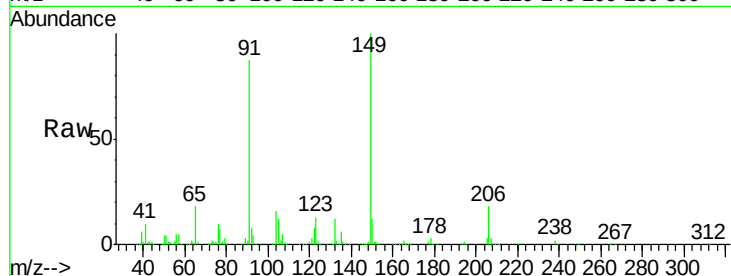




#79
Butylbenzylphthalate
Concen: 43.70 ng
RT: 13.96 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

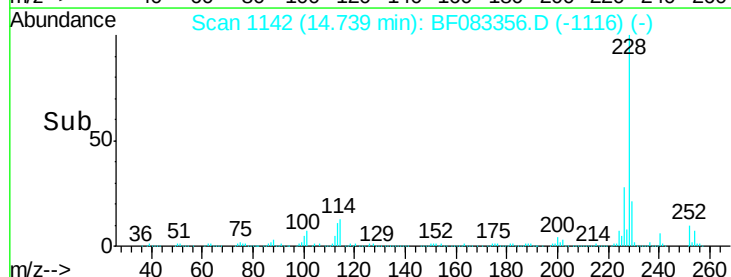
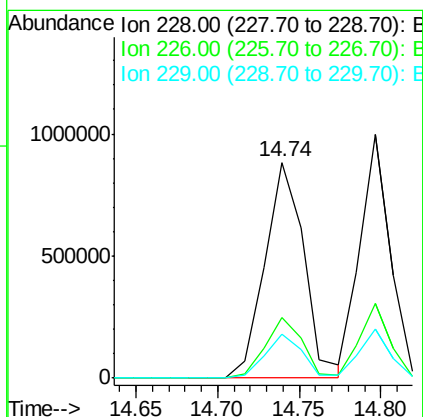
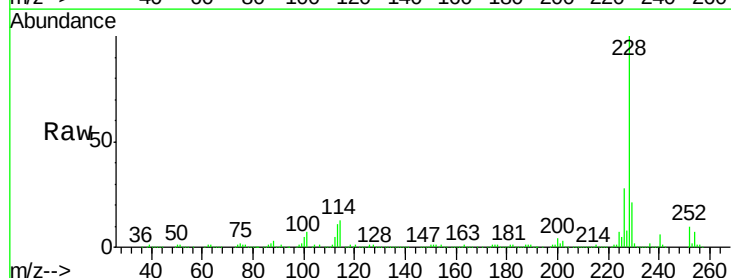
Instrument :
BNA_F
ClientSampleId :
PB86889BS

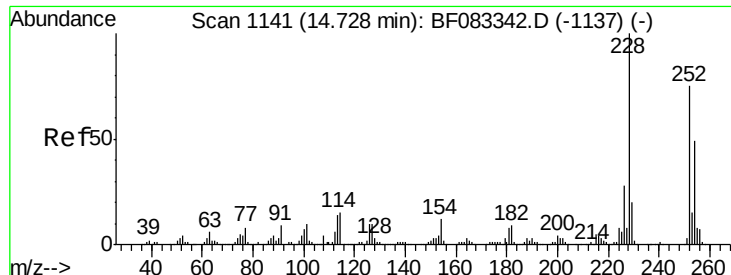
Tgt Ion:149 Resp: 726086
Ion Ratio Lower Upper
149 100
91 87.3 71.4 107.2
206 18.5 15.1 22.7



#80
Benzo(a)anthracene
Concen: 42.81 ng
RT: 14.74 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion:228 Resp: 1470966
Ion Ratio Lower Upper
228 100
226 28.3 22.2 33.4
229 20.6 16.1 24.1

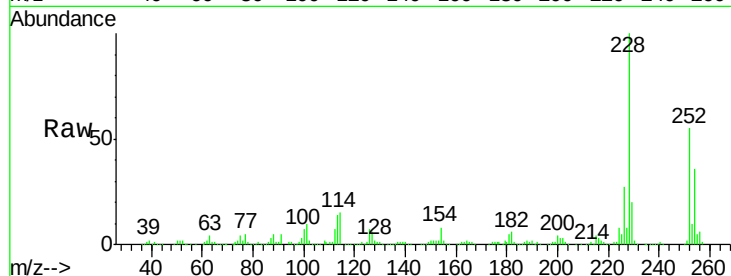




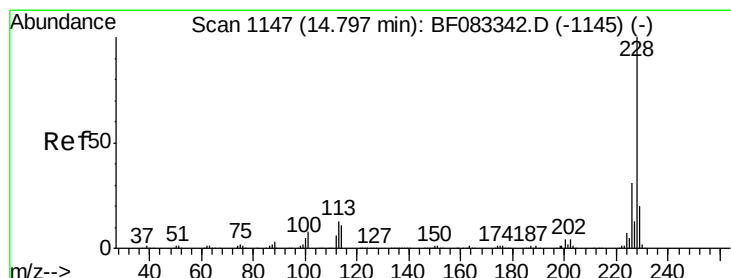
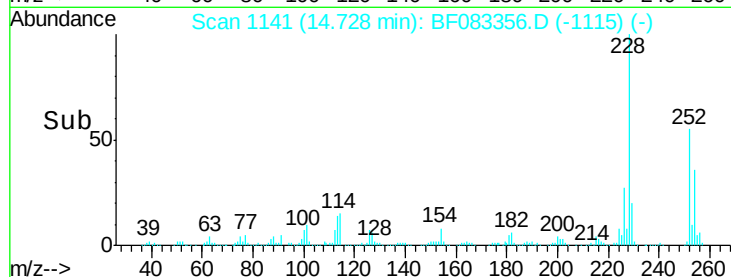
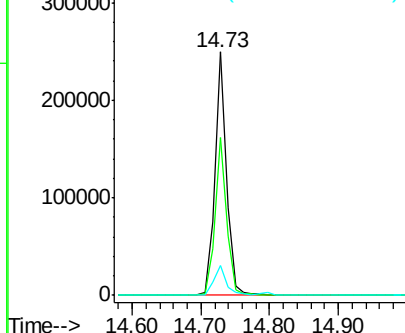
#81
 3,3'-Dichlorobenzidine
 Concen: 27.97 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

Tgt Ion:252 Resp: 300175
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.0 78.0
 126 12.2 10.7 16.1

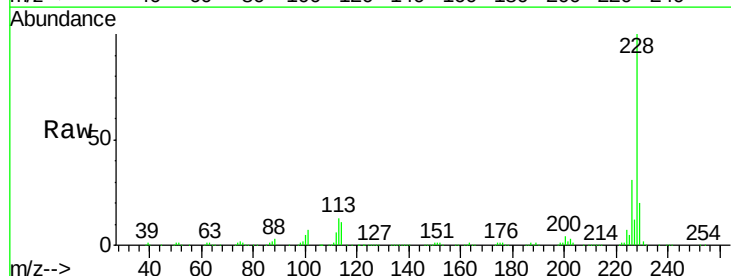


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

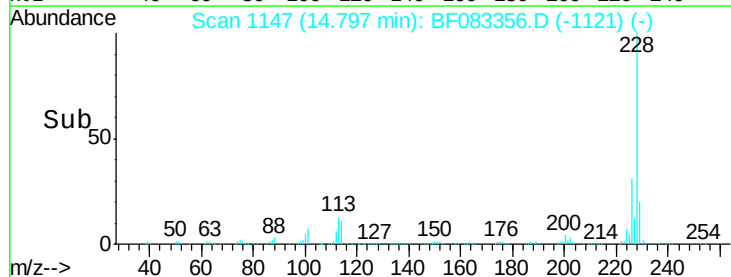
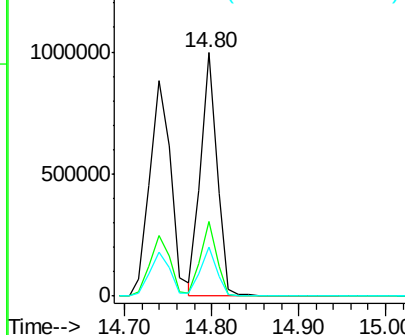


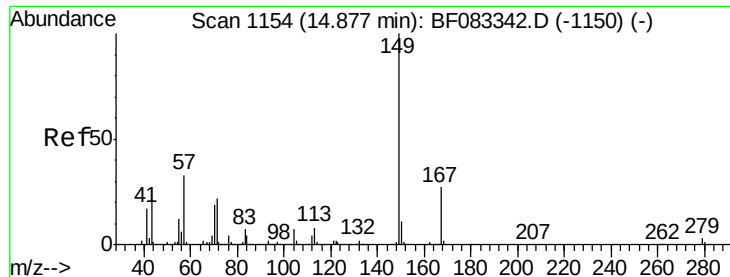
#82
 Chrysene
 Concen: 39.24 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion:228 Resp: 1302643
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.6 37.0
 229 20.2 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

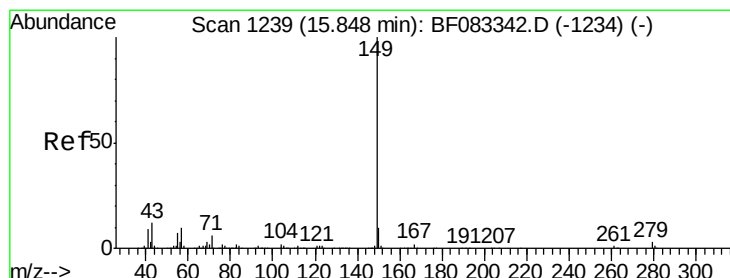
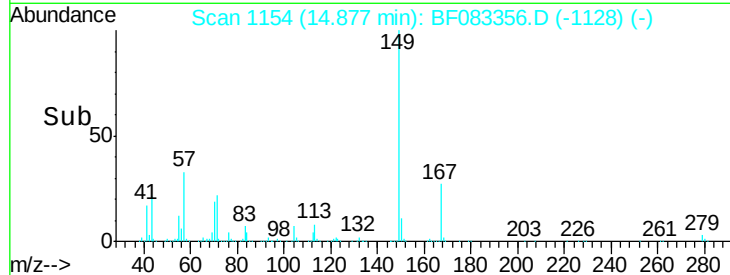
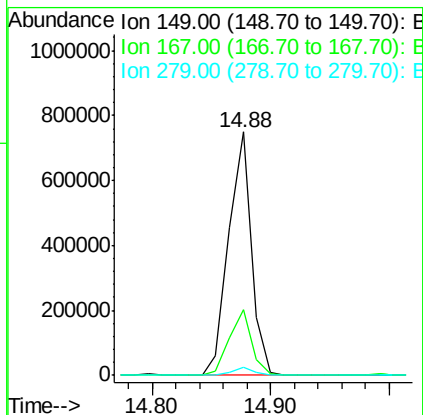
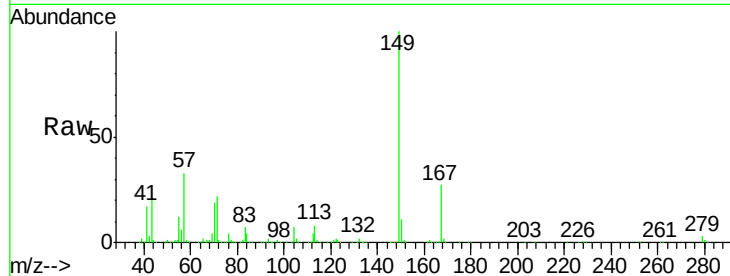




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.91 ng
 RT: 14.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

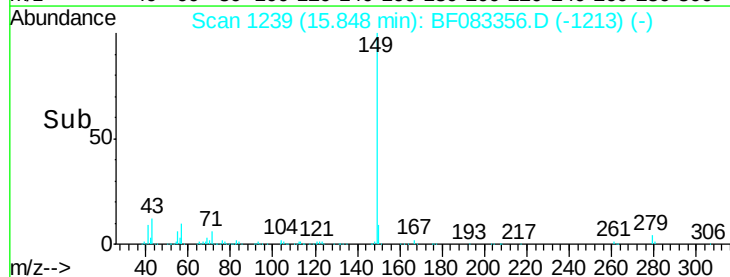
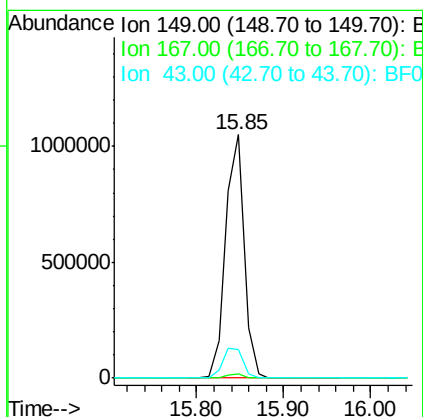
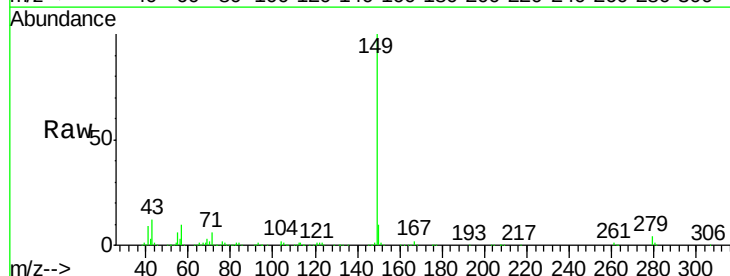
Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

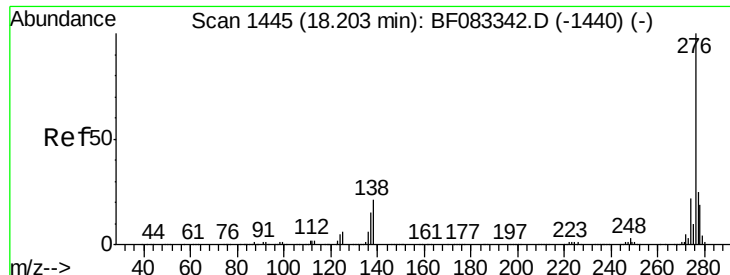
Tgt Ion:149 Resp: 1000987
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.5 32.3
 279 3.4 2.6 3.8



#84
 Di-n-octyl phthalate
 Concen: 46.89 ng
 RT: 15.85 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion:149 Resp: 1556387
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 13.8 11.0 16.6

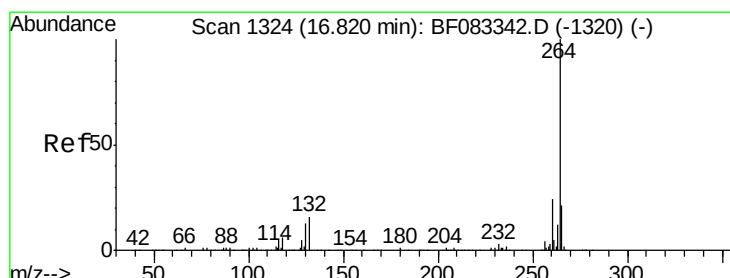
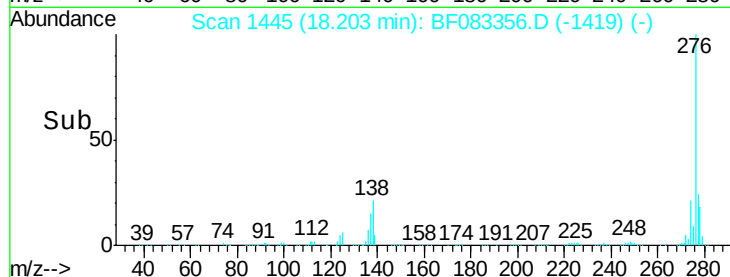
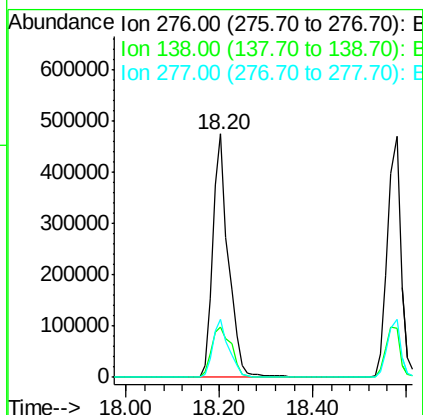
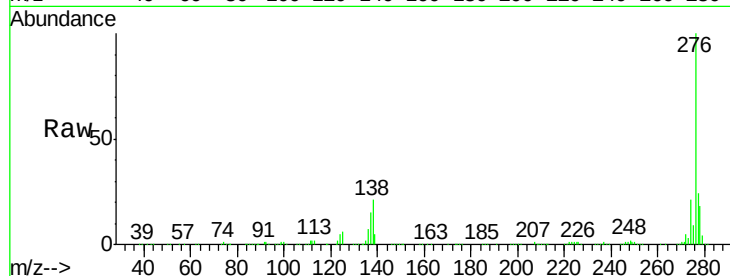




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.01 ng
 RT: 18.20 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

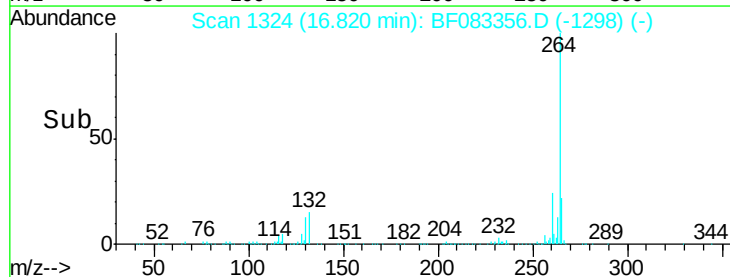
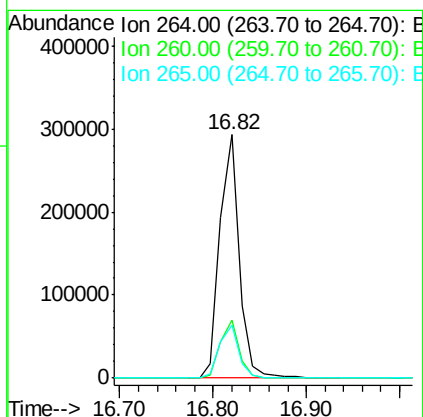
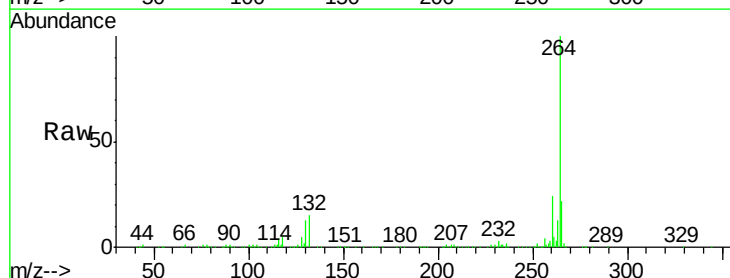
Instrument :
 BNA_F
 ClientSampleId :
 PB86889BS

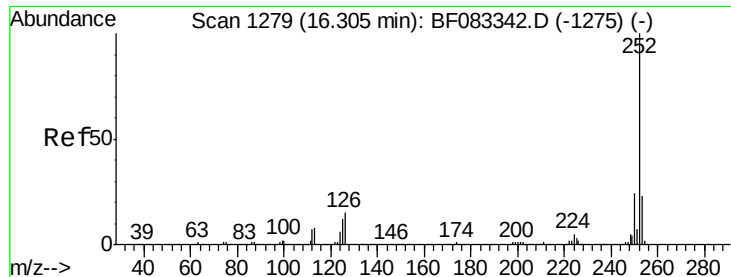
Tgt Ion:276 Resp: 1112440
 Ion Ratio Lower Upper
 276 100
 138 26.5 21.2 31.8
 277 24.8 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF083356.D
 Acq: 1 Dec 2015 2:13

Tgt Ion:264 Resp: 424387
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 22.0 16.8 25.2

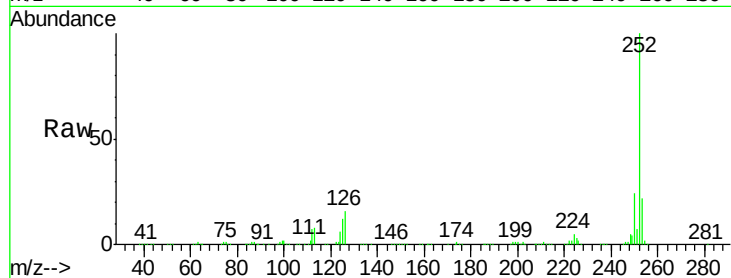




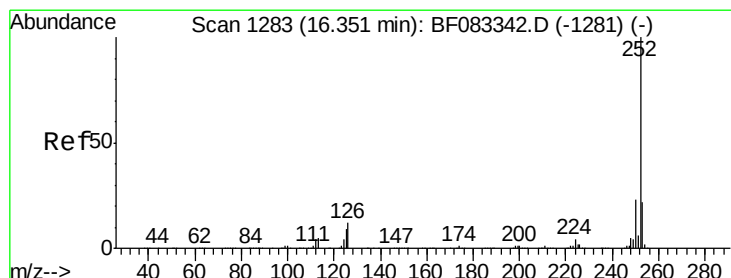
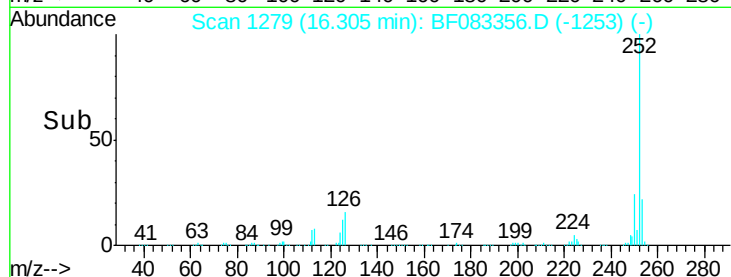
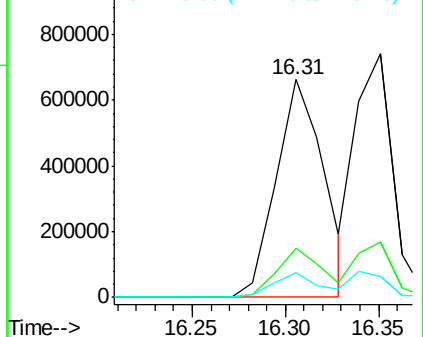
#87
Benzo(b)fluoranthene
Concen: 43.26 ng
RT: 16.31 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Instrument :
BNA_F
ClientSampleId :
PB86889BS

Tgt Ion:252 Resp: 1177892
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 11.6 9.6 14.4

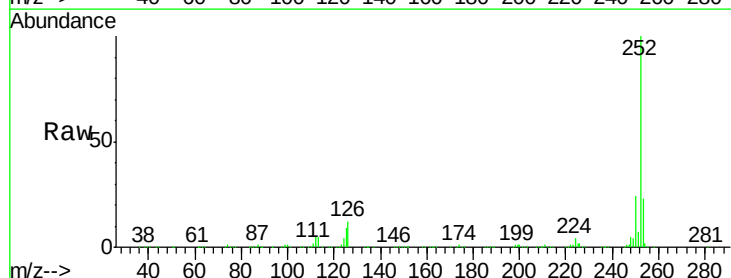


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

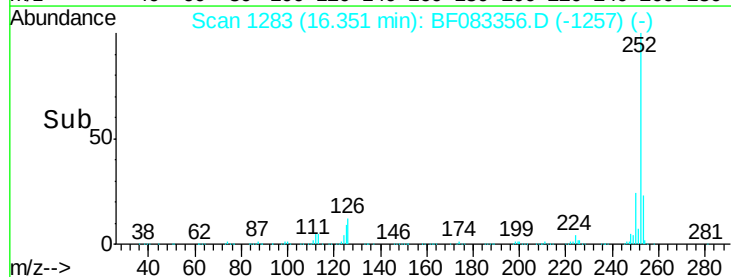
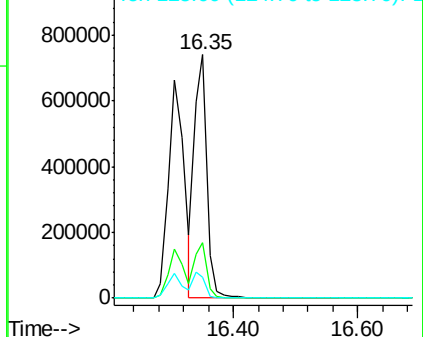


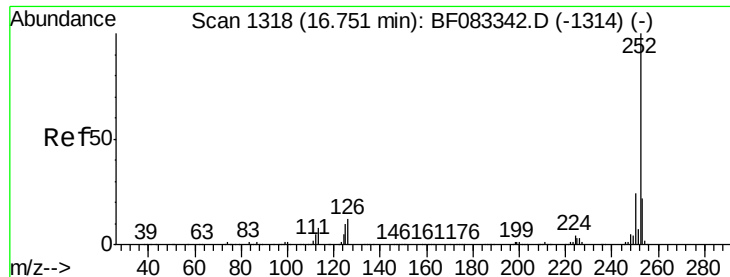
#88
Benzo(k)fluoranthene
Concen: 40.60 ng
RT: 16.35 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF083356.D
Acq: 1 Dec 2015 2:13

Tgt Ion:252 Resp: 1043887
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 8.8 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: 44.54 ng

RT: 16.75 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS

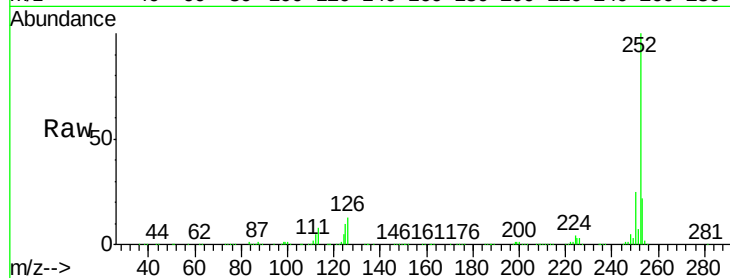
Tgt Ion:252 Resp: 1041701

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

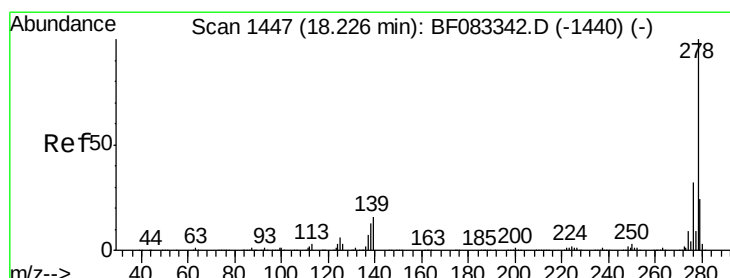
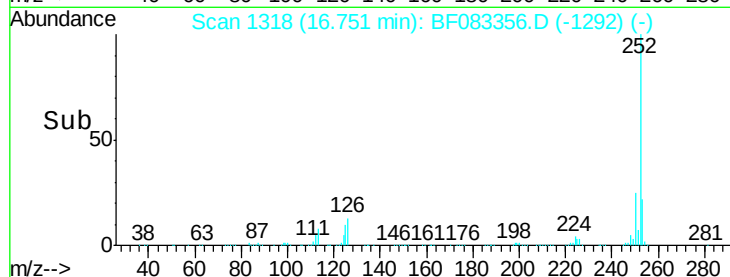
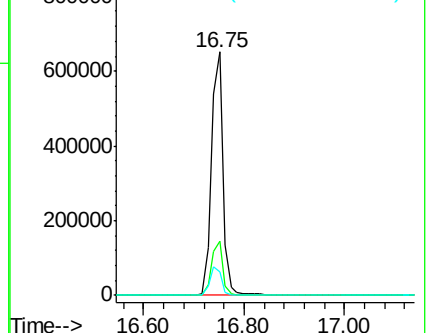
125 9.8 7.8 11.8



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: 45.69 ng

RT: 18.23 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF083356.D

Acq: 1 Dec 2015 2:13

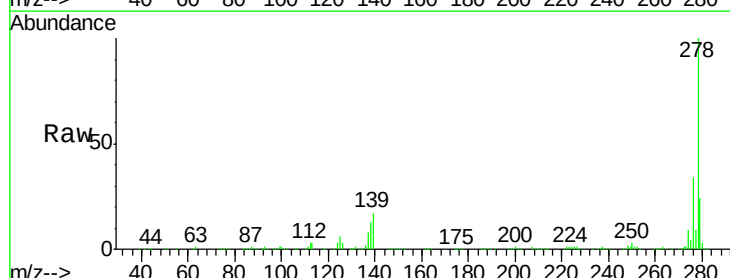
Tgt Ion:278 Resp: 931173

Ion Ratio Lower Upper

278 100

139 16.5 13.1 19.7

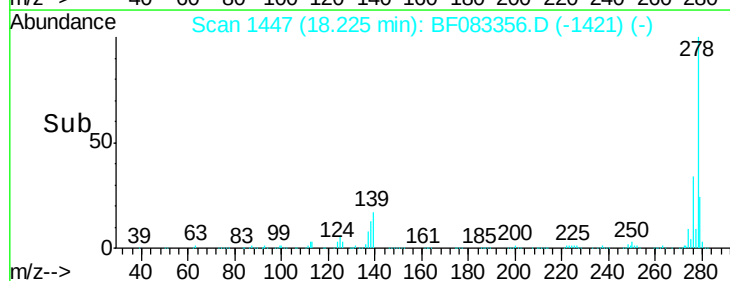
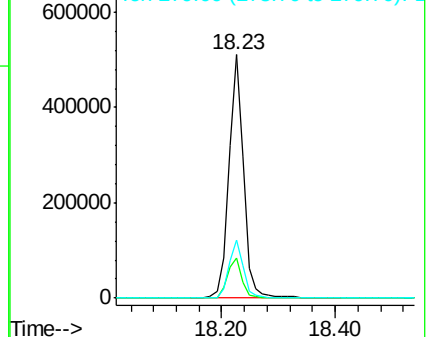
279 24.1 19.2 28.8

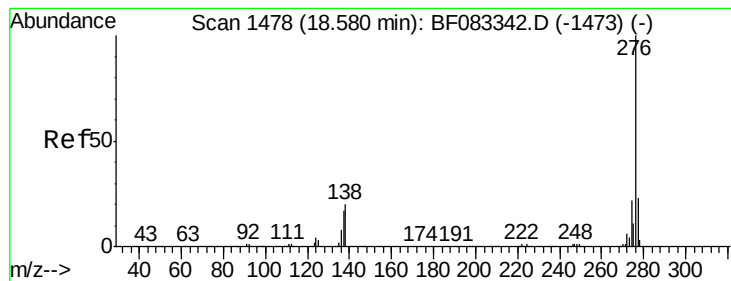


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.94 ng

RT: 18.58 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF083356.D

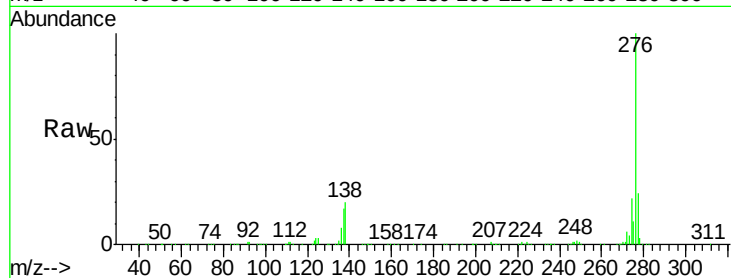
Acq: 1 Dec 2015 2:13

Instrument :

BNA_F

ClientSampleId :

PB86889BS



Tgt Ion:	276	Resp:	938836
Ion Ratio		Lower	Upper
276	100		
277	24.2	18.6	28.0
138	20.5	16.1	24.1

