

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083357.D
 Acq On : 1 Dec 2015 2:43
 Operator : UM/IZ
 Sample : PB86889BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BSD

Quant Time: Dec 01 04:02:39 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	170206	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	659016	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	343935	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	682713	20.00	ng	0.00
75) Chrysene-d12	14.76	240	633293	20.00	ng	0.00
86) Perylene-d12	16.82	264	459869	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1211275	106.79	ng	0.01
7) Phenol-d6	6.22	99	1665564	107.28	ng	0.00
23) Nitrobenzene-d5	7.13	82	1111432	74.14	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	399887	115.82	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1717968	71.18	ng	0.00
78) Terphenyl-d14	13.22	244	1900315	71.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	185133	30.14	ng	# 85
3) Pyridine	2.64	79	481478	31.34	ng	96
4) n-Nitrosodimethylamine	2.59	42	304882	40.32	ng	100
6) Aniline	6.21	93	436895	20.57	ng	92
8) 2-Chlorophenol	6.34	128	509332	40.71	ng	96
9) Benzaldehyde	6.09	77	267666	34.78	ng	97
10) Phenol	6.24	94	786374	42.10	ng	96
11) bis(2-Chloroethyl)ether	6.29	93	542365	39.91	ng	99
12) 1,3-Dichlorobenzene	6.49	146	547359	39.36	ng	99
13) 1,4-Dichlorobenzene	6.57	146	564686	39.28	ng	97
14) 1,2-Dichlorobenzene	6.57	146	566063	42.92	ng	96
15) Benzyl Alcohol	6.72	79	502902	41.91	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	982634	41.21	ng	# 43
17) 2-Methylphenol	6.84	107	427086	40.95	ng	97
18) Hexachloroethane	7.06	117	193975	38.85	ng	99
19) n-Nitroso-di-n-propylamine	6.98	70	429173	38.67	ng	89
20) 3+4-Methylphenols	7.00	107	595654	42.17	ng	98
22) Acetophenone	6.98	105	748093	37.94	ng	# 98
24) Nitrobenzene	7.14	77	584172	36.49	ng	# 86
25) Isophorone	7.39	82	1140874	39.29	ng	99
26) 2-Nitrophenol	7.46	139	254221	38.90	ng	95
27) 2,4-Dimethylphenol	7.53	122	474695	43.33	ng	99
28) bis(2-Chloroethoxy)methane	7.61	93	662405	40.06	ng	99
29) 2,4-Dichlorophenol	7.71	162	430202	40.83	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	436214	38.04	ng	# 96
31) Naphthalene	7.86	128	1392880	38.95	ng	99
32) Benzoic acid	7.69	122	312246	41.32	ng	# 89
33) 4-Chloroaniline	7.93	127	175610	11.39	ng	98
34) Hexachlorobutadiene	7.98	225	257419	39.53	ng	99
35) Caprolactam	8.30	113	89873	27.00	ng	98
36) 4-Chloro-3-methylphenol	8.43	107	495100	41.89	ng	88
37) 2-Methylnaphthalene	8.56	142	953678	39.91	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	403691	37.03	ng	98
40) Hexachlorocyclopentadiene	8.70	237	434694	83.93	ng	98

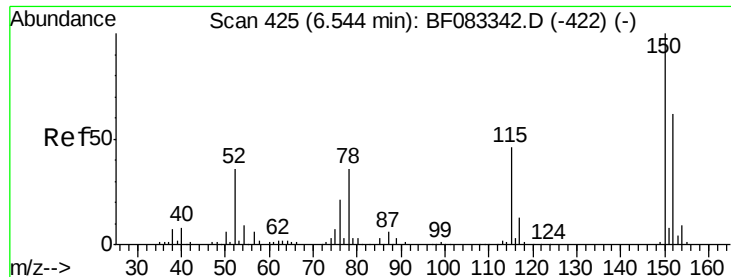
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	305298	39.92	ng	99
43) 2,4,5-Trichlorophenol	8.89	196	335307	42.32	ng	97
45) 1,1'-Biphenyl	9.01	154	1103562	36.59	ng	95
46) 2-Chloronaphthalene	9.04	162	883952	38.46	ng	100
47) 2-Nitroaniline	9.15	65	381653	41.93	ng	97
48) Acenaphthylene	9.45	152	1398664	38.15	ng	99
49) Dimethylphthalate	9.33	163	1061524	37.98	ng	100
50) 2,6-Dinitrotoluene	9.39	165	236927	39.69	ng	94
51) Acenaphthene	9.62	154	835042	38.72	ng	100
52) 3-Nitroaniline	9.56	138	107752	15.40	ng	91
53) 2,4-Dinitrophenol	9.66	184	284761	76.50	ng	91
54) Dibenzofuran	9.79	168	1273433	40.30	ng	100
55) 4-Nitrophenol	9.76	139	356610	81.49	ng	# 86
56) 2,4-Dinitrotoluene	9.79	165	319756	42.22	ng	90
57) Fluorene	10.13	166	971163	38.92	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	280482	43.88	ng	99
59) Diethylphthalate	10.03	149	1052223	39.50	ng	98
60) 4-Chlorophenyl-phenylether	10.13	204	473961	41.34	ng	98
61) 4-Nitroaniline	10.18	138	254438	36.35	ng	96
62) Azobenzene	10.29	77	1396098	43.38	ng	99
64) 4,6-Dinitro-2-methylphenol	10.20	198	191651	41.81	ng	87
65) n-Nitrosodiphenylamine	10.26	169	946700	39.46	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	310792	41.62	ng	98
67) Hexachlorobenzene	10.70	284	340417	41.22	ng	99
68) Atrazine	10.83	200	332370	50.09	ng	97
69) Pentachlorophenol	10.92	266	365712	84.55	ng	98
70) Phenanthrene	11.16	178	1614182	39.95	ng	99
71) Anthracene	11.22	178	1595114	39.22	ng	100
72) Carbazole	11.41	167	1430043	39.13	ng	99
73) Di-n-butylphthalate	11.86	149	1786002	41.24	ng	100
74) Fluoranthene	12.66	202	1690738	40.37	ng	99
76) Benzidine	12.87	184	484490	25.69	ng	98
77) Pyrene	12.98	202	1766386	39.94	ng	98
79) Butylbenzylphthalate	13.96	149	787102	41.95	ng	95
80) Benzo(a)anthracene	14.74	228	1547889	39.90	ng	100
81) 3,3'-Dichlorobenzidine	14.73	252	262970	21.70	ng	100
82) Chrysene	14.80	228	1379987	36.81	ng	100
83) Bis(2-ethylhexyl)phthalate	14.88	149	1069627	42.50	ng	99
84) Di-n-octyl phthalate	15.85	149	1654140	44.14	ng	100
85) Indeno(1,2,3-cd)pyrene	18.20	276	1099146	40.26	ng	100
87) Benzo(b)fluoranthene	16.31	252	1229005	41.65	ng	99
88) Benzo(k)fluoranthene	16.35	252	1095765	39.33	ng	99
89) Benzo(a)pyrene	16.75	252	1071231	42.27	ng	99
90) Dibenzo(a,h)anthracene	18.23	278	920252	41.67	ng	99
91) Benzo(g,h,i)perylene	18.58	276	934276	43.10	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

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BNA_F

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PB86889BSD

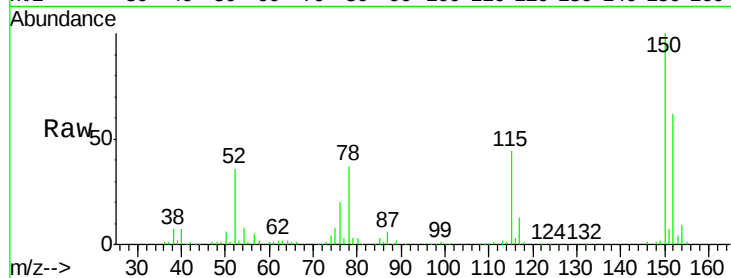
Tgt Ion:152 Resp: 170206

Ion Ratio Lower Upper

152 100

150 160.7 129.8 194.8

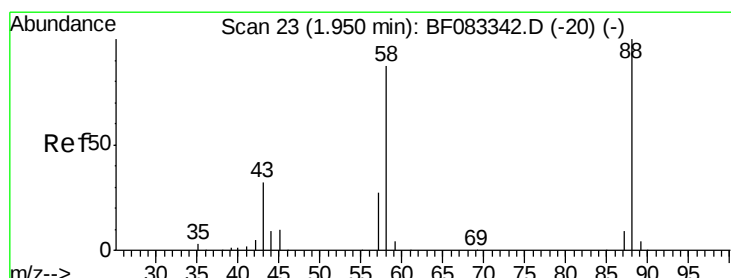
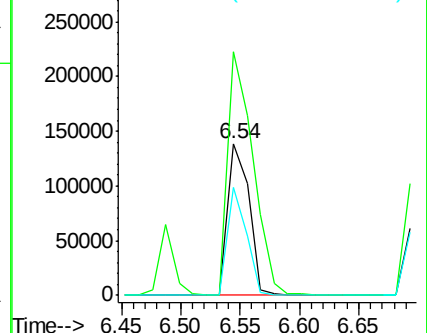
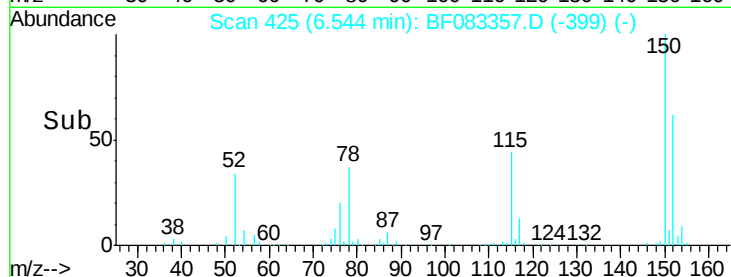
115 70.9 59.2 88.8



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: 30.14 ng

RT: 2.03 min Scan# 30

Delta R.T. 0.08 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

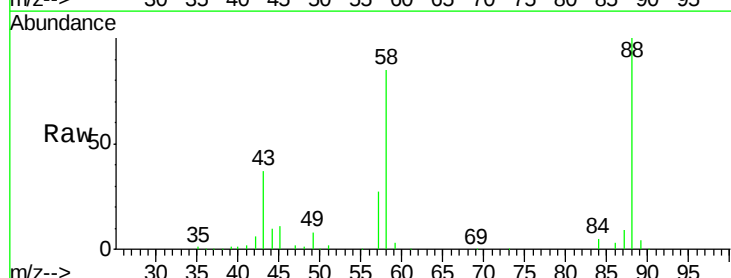
Tgt Ion: 88 Resp: 185133

Ion Ratio Lower Upper

88 100

58 93.9 66.6 100.0

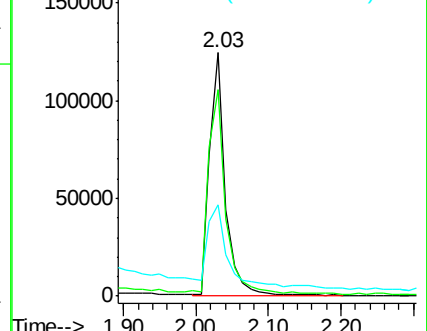
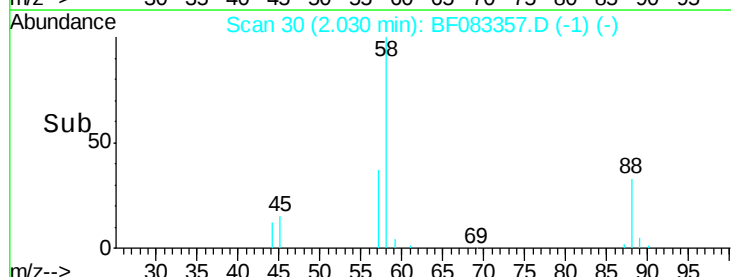
43 47.1 27.1 40.7#

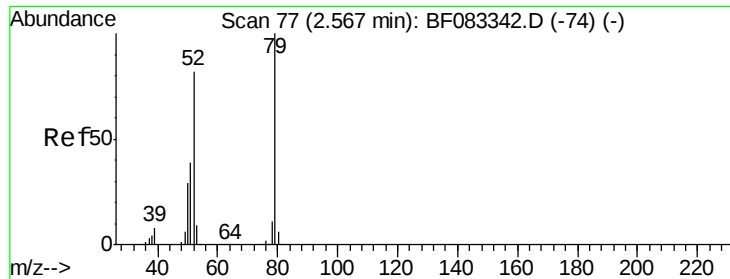


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

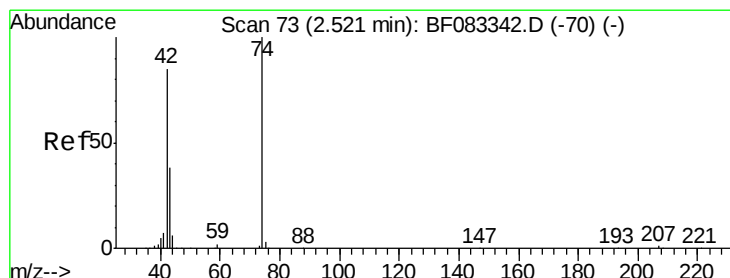
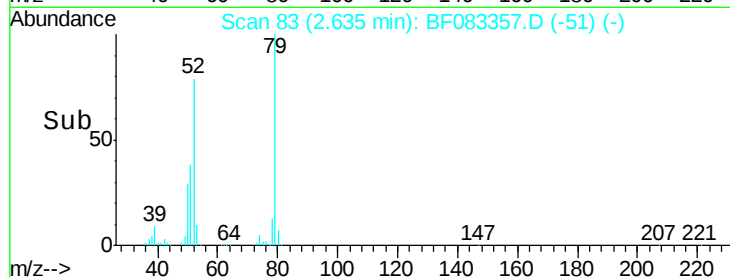
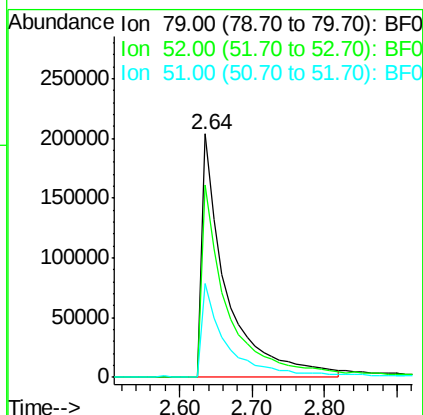
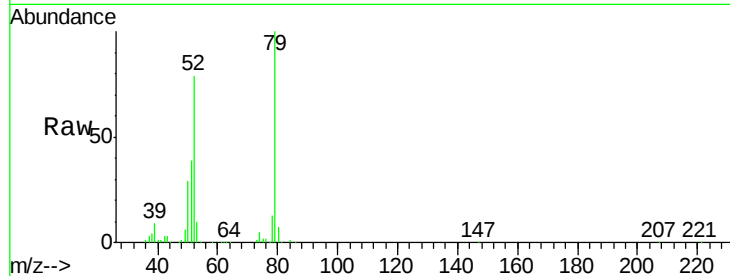




#3
 Pyridine
 Concen: 31.34 ng
 RT: 2.64 min Scan# 83
 Delta R.T. 0.07 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

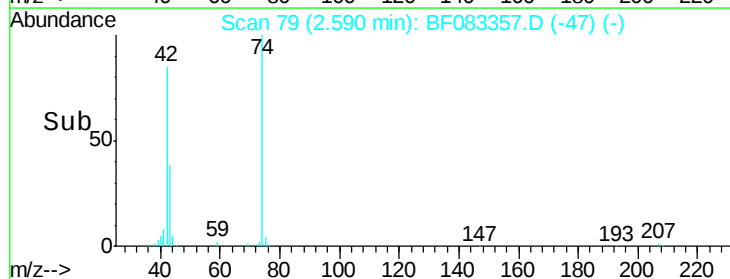
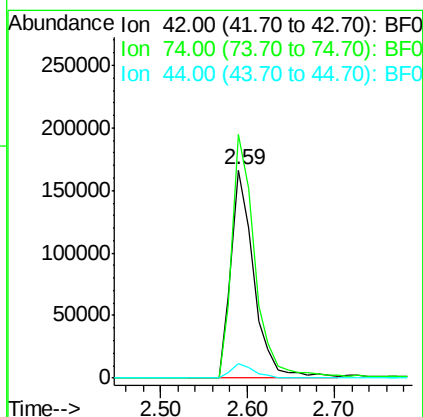
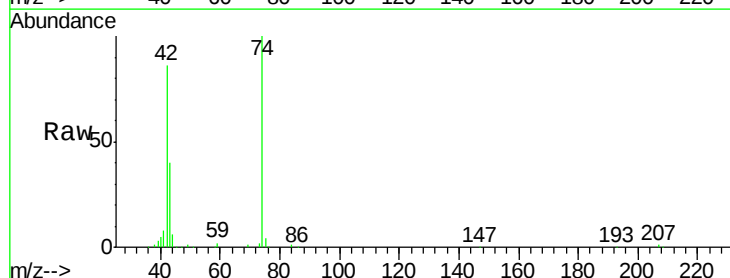
Instrument :
 BNA_F
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 PB86889BSD

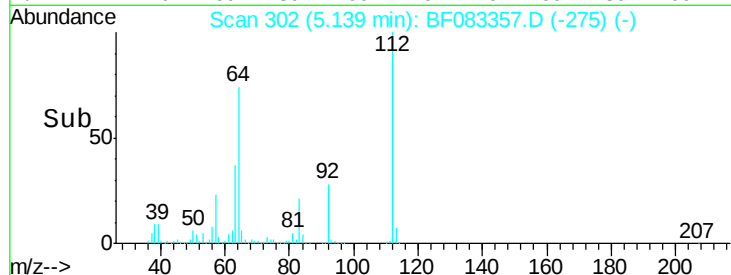
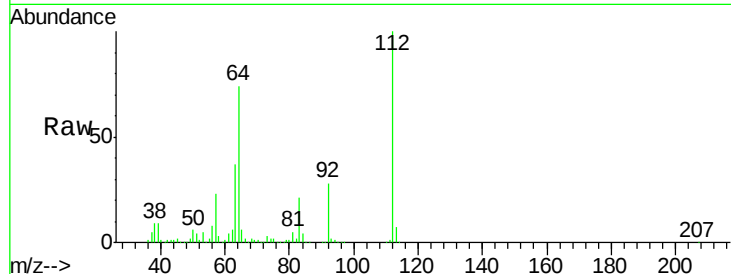
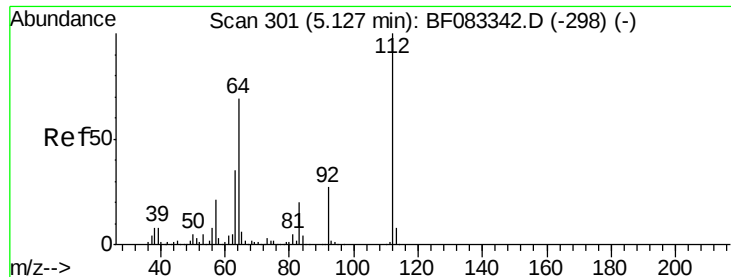
Tgt Ion: 79 Resp: 481478
 Ion Ratio Lower Upper
 79 100
 52 79.0 65.9 98.9
 51 38.6 32.3 48.5



#4
 n-Nitrosodimethylamine
 Concen: 40.32 ng
 RT: 2.59 min Scan# 79
 Delta R.T. 0.07 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Tgt Ion: 42 Resp: 304882
 Ion Ratio Lower Upper
 42 100
 74 116.9 93.7 140.5
 44 6.7 5.6 8.4





#5

2-Fluorophenol

Concen: 106.79 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

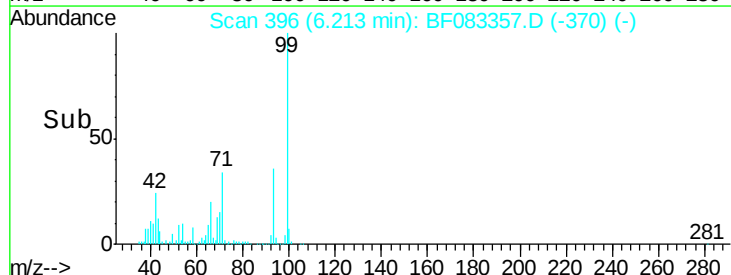
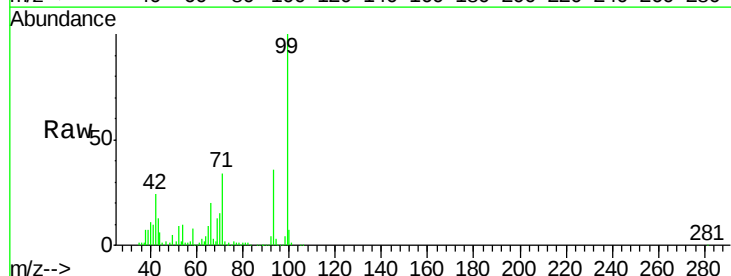
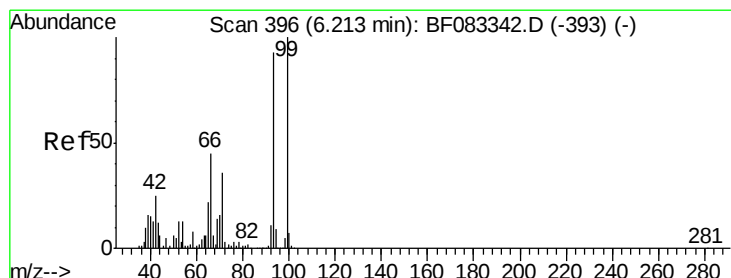
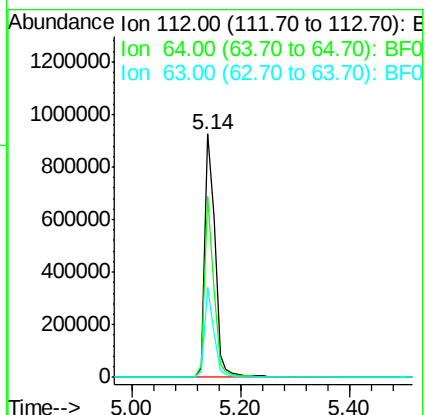
Tgt Ion:112 Resp: 1211275

Ion Ratio Lower Upper

112 100

64 74.1 55.6 83.4

63 37.2 28.2 42.2



#6

Aniline

Concen: 20.57 ng

RT: 6.21 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

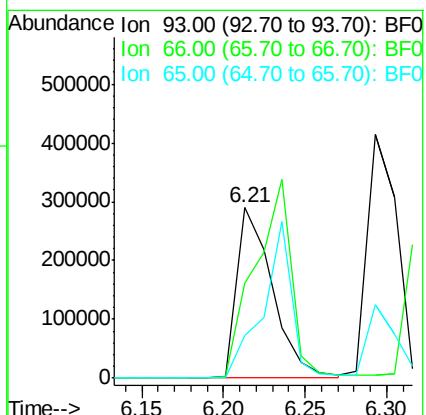
Tgt Ion: 93 Resp: 436895

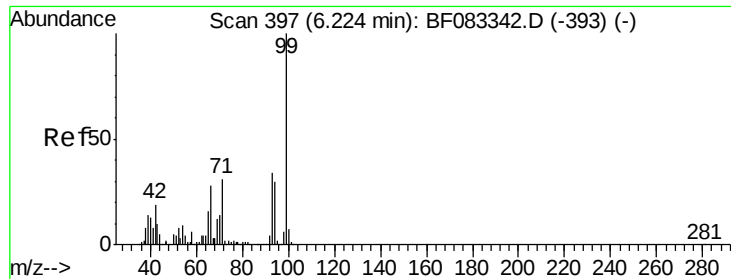
Ion Ratio Lower Upper

93 100

66 56.0 38.7 58.1

65 25.0 19.0 28.6





#7

Phenol-d6

Concen: 107.28 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

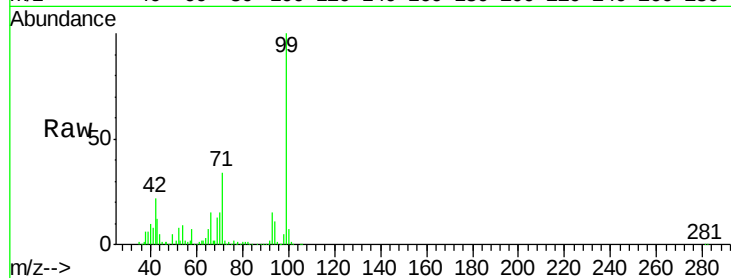
Tgt Ion: 99 Resp: 1665564

Ion Ratio Lower Upper

99 100

42 21.6 14.9 22.3

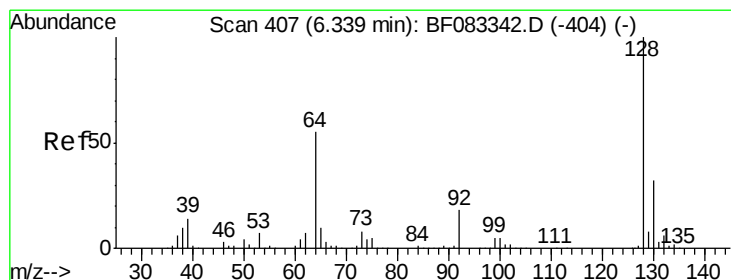
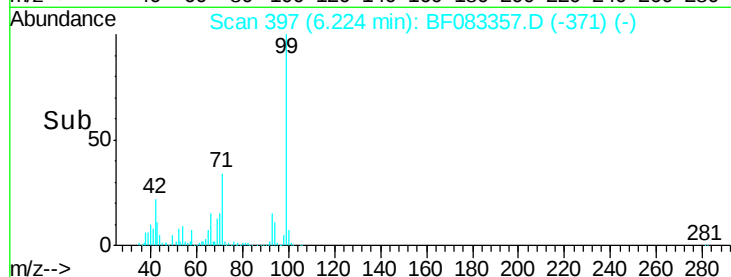
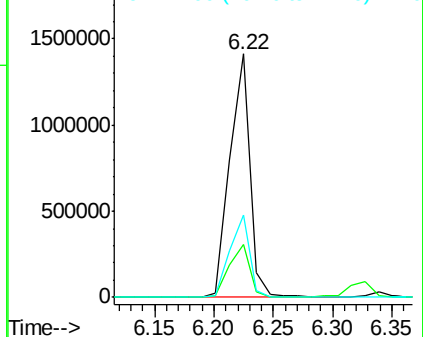
71 33.9 24.7 37.1



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: 40.71 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

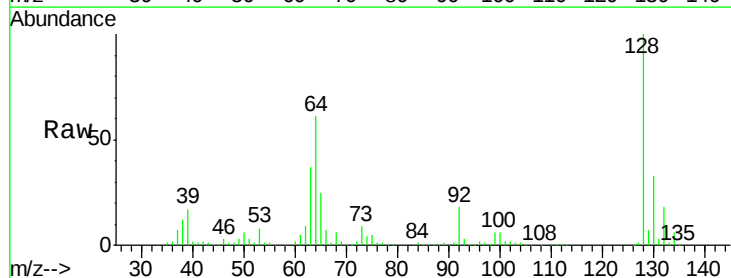
Tgt Ion: 128 Resp: 509332

Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

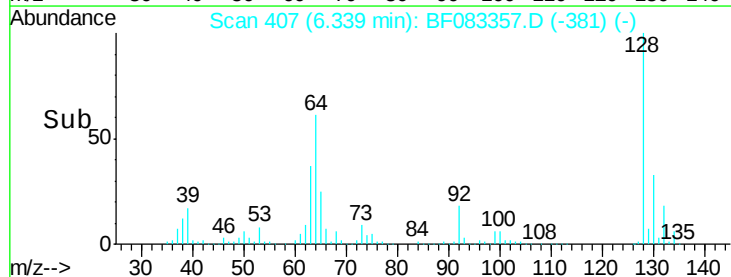
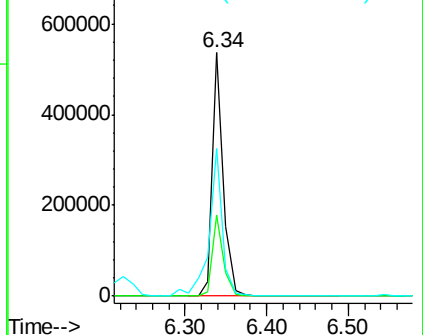
64 60.8 36.4 76.4

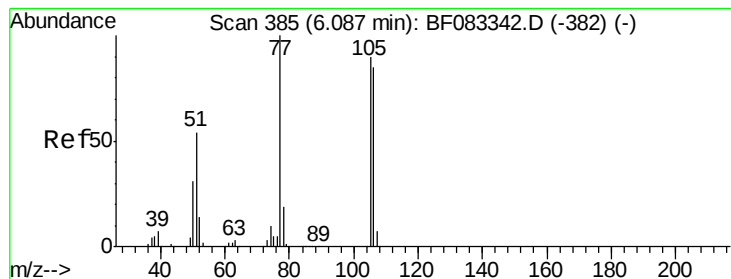


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.78 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

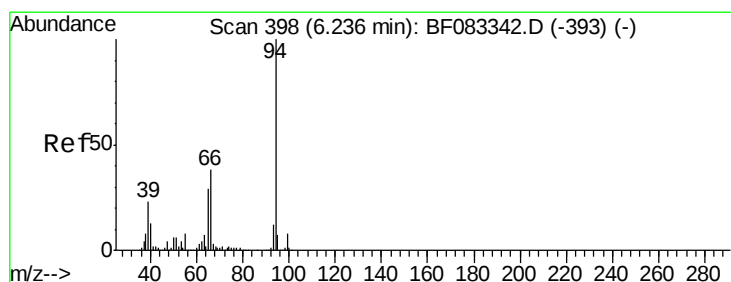
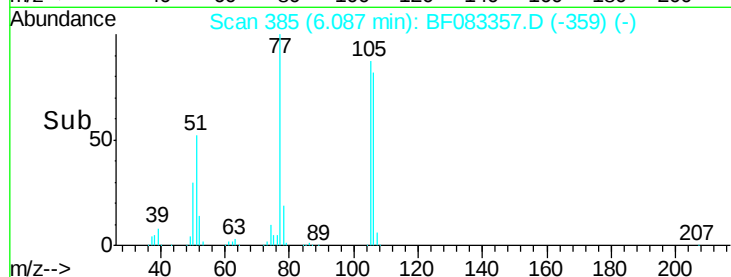
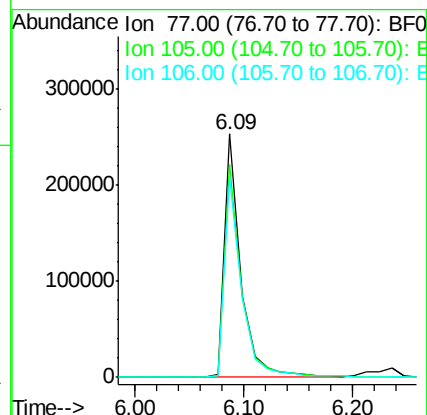
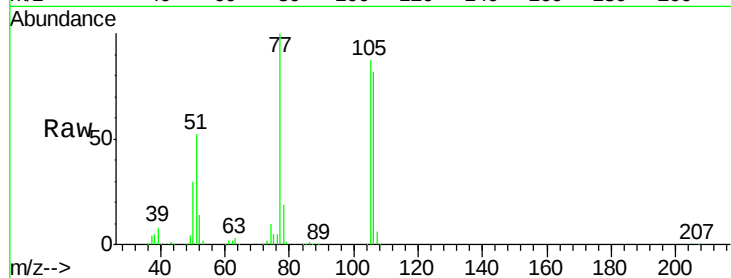
Tgt Ion: 77 Resp: 267666

Ion Ratio Lower Upper

77 100

105 87.3 70.0 110.0

106 82.4 65.0 105.0



#10

Phenol

Concen: 42.10 ng

RT: 6.24 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

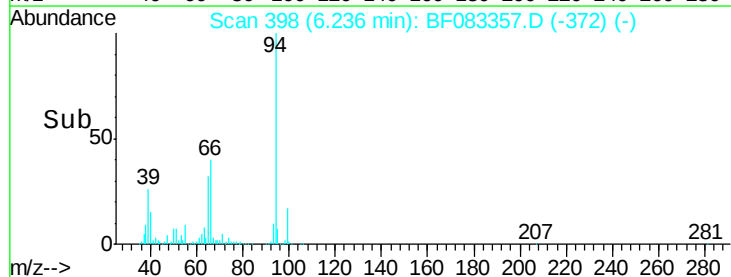
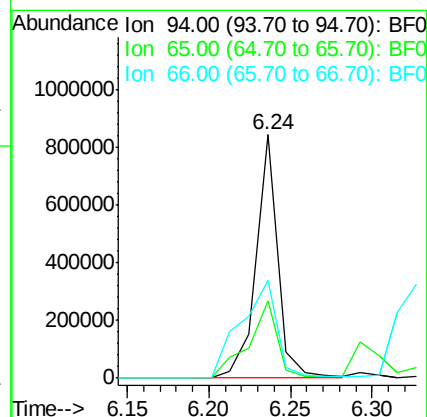
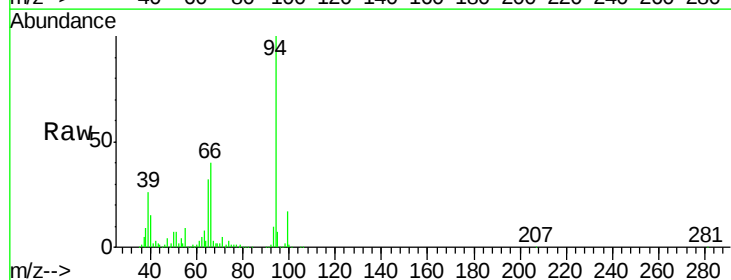
Tgt Ion: 94 Resp: 786374

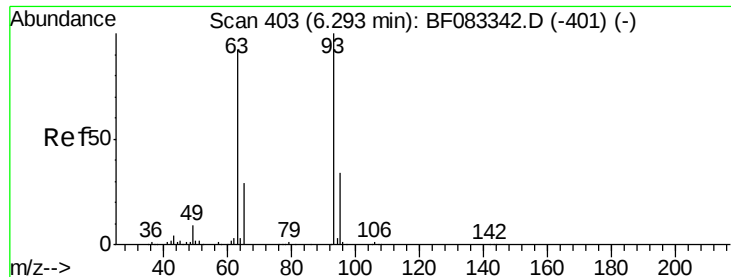
Ion Ratio Lower Upper

94 100

65 31.5 9.5 49.5

66 40.1 17.9 57.9





#11

bis(2-Chloroethyl)ether

Concen: 39.91 ng

RT: 6.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

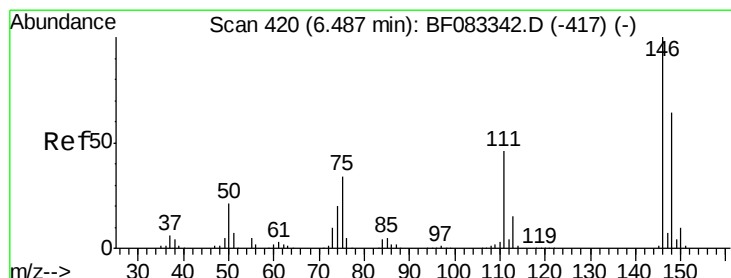
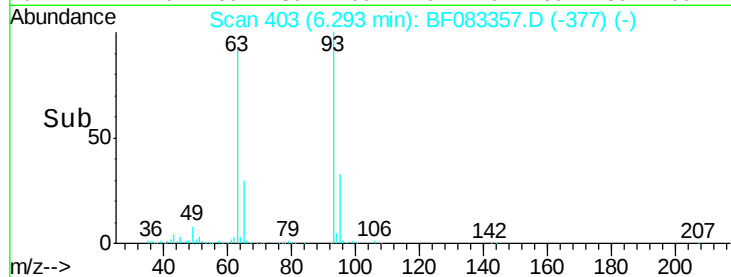
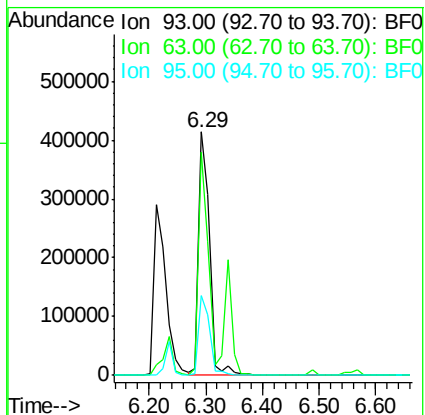
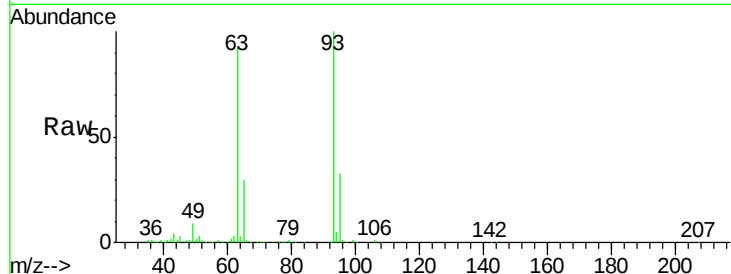
Tgt Ion: 93 Resp: 542365

Ion Ratio Lower Upper

93 100

63 91.8 71.4 111.4

95 32.9 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 39.36 ng

RT: 6.49 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

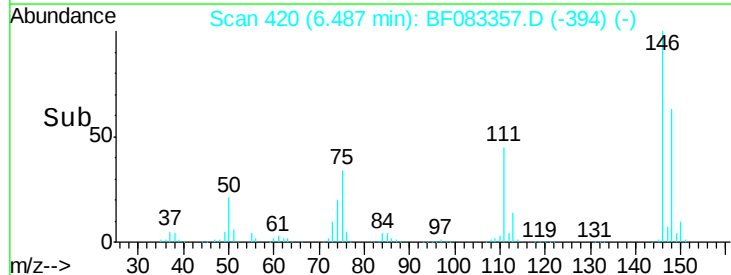
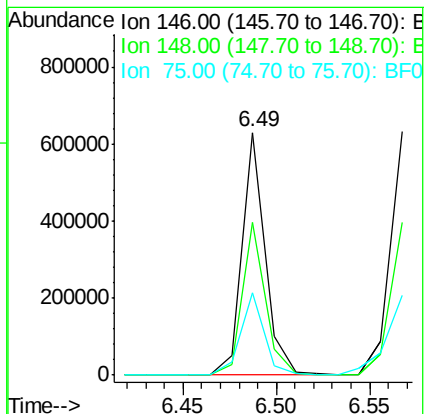
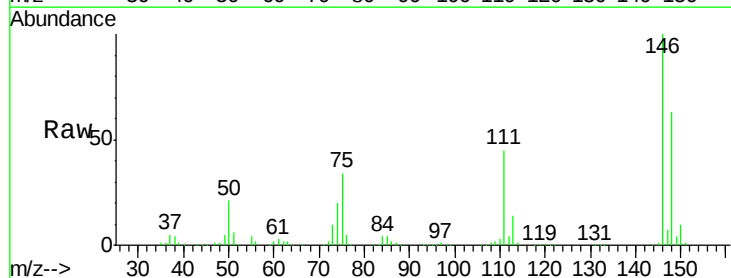
Tgt Ion: 146 Resp: 547359

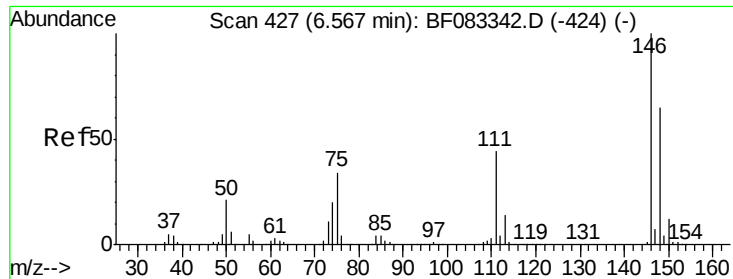
Ion Ratio Lower Upper

146 100

148 62.8 51.1 76.7

75 33.8 27.5 41.3

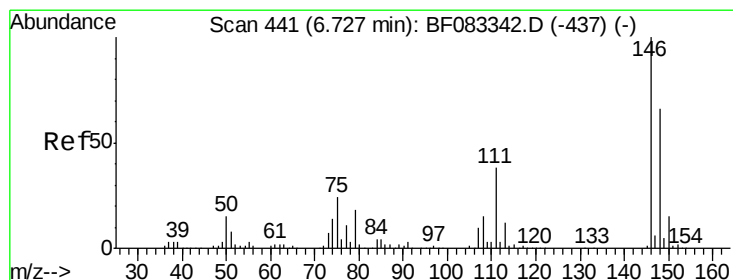
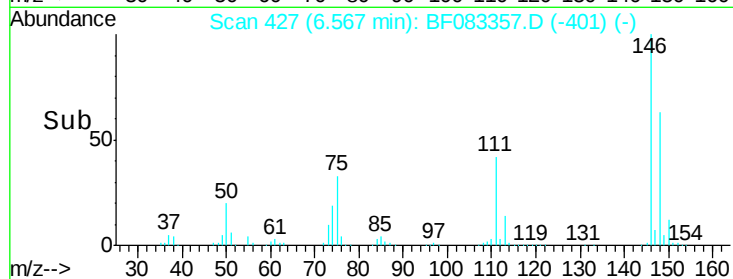
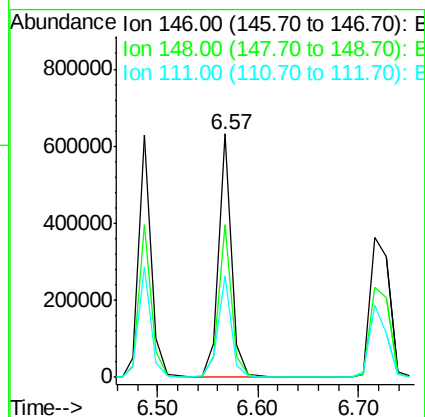
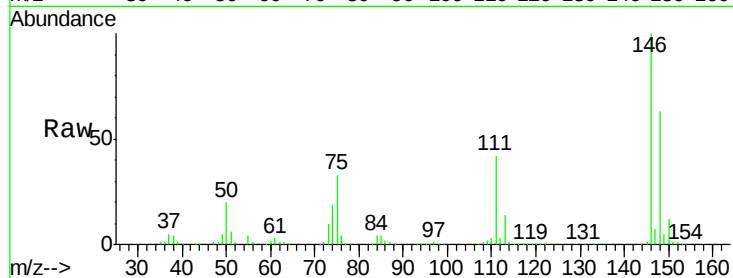




#13
 1,4-Dichlorobenzene
 Concen: 39.28 ng
 RT: 6.57 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

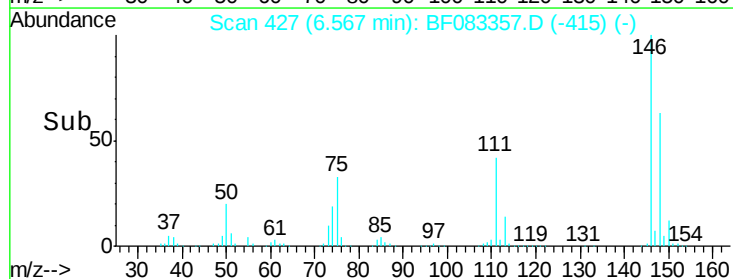
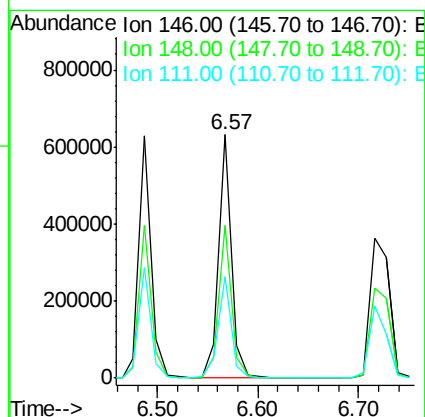
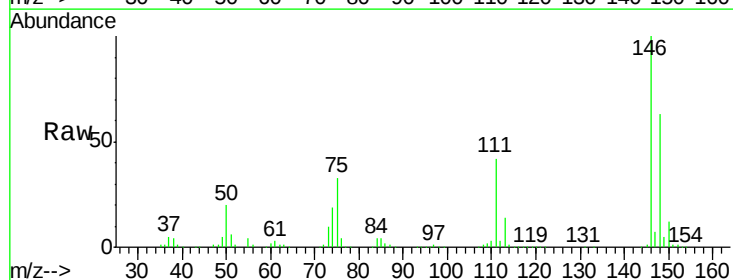
Instrument :
 BNA_F
 ClientSampleId :
 PB86889BSD

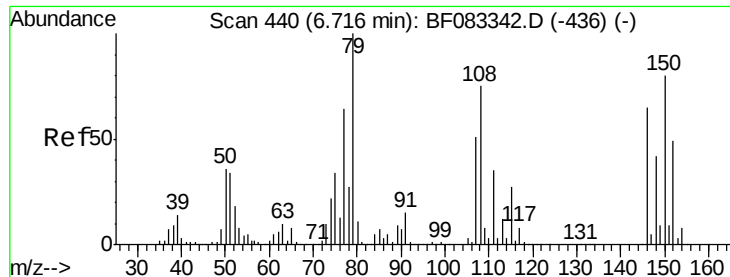
Tgt Ion:146 Resp: 564686
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.1 78.1
 111 41.9 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 42.92 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.16 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Tgt Ion:146 Resp: 566063
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.5 78.7
 111 41.9 30.6 46.0





#15

Benzyl Alcohol

Concen: 41.91 ng

RT: 6.72 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

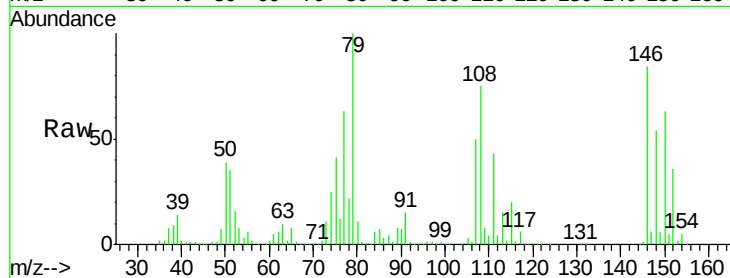
Tgt Ion: 79 Resp: 502902

Ion Ratio Lower Upper

79 100

108 75.0 59.9 89.9

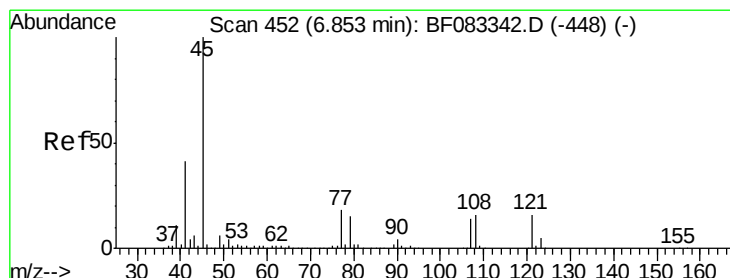
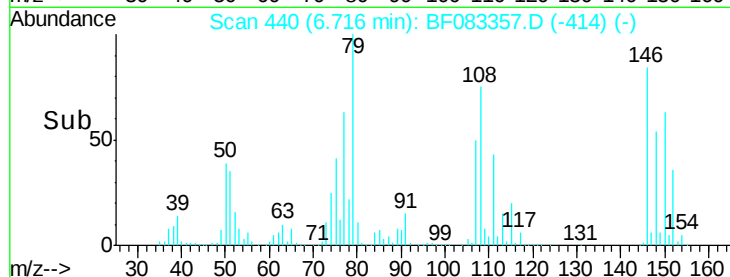
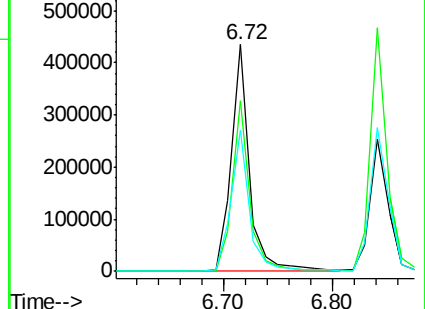
77 62.5 51.0 76.6



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: 41.21 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

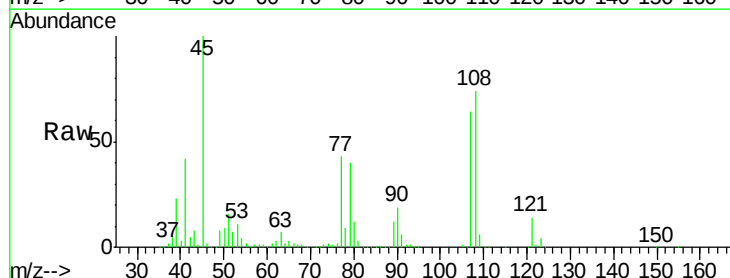
Tgt Ion: 45 Resp: 982634

Ion Ratio Lower Upper

45 100

77 43.4 0.0 38.3#

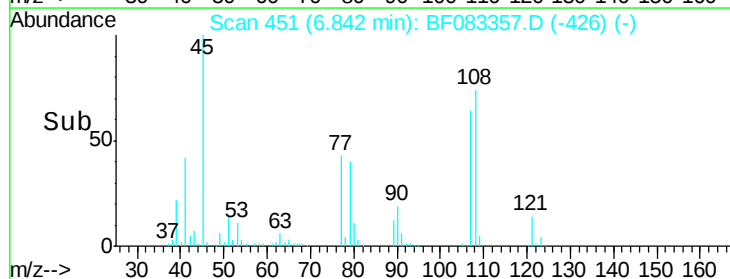
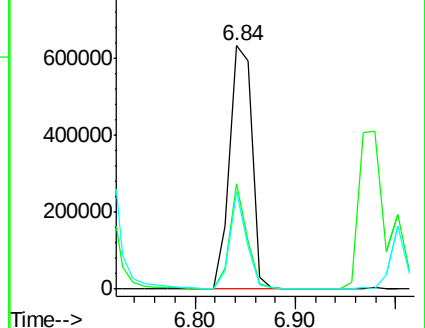
79 40.0 0.0 35.4#

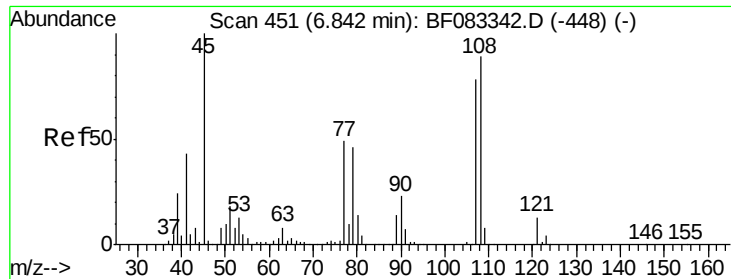


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

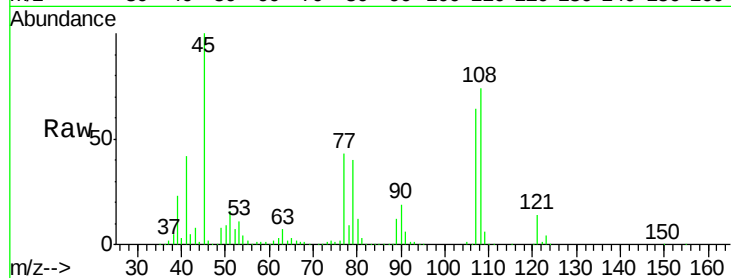




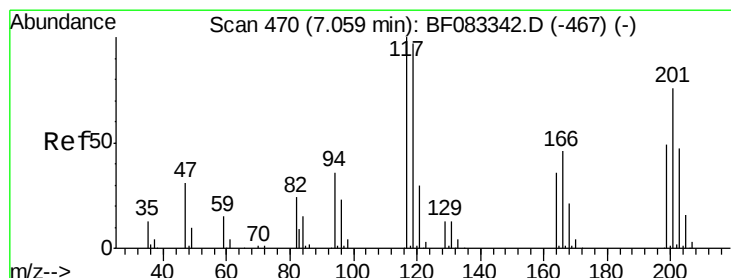
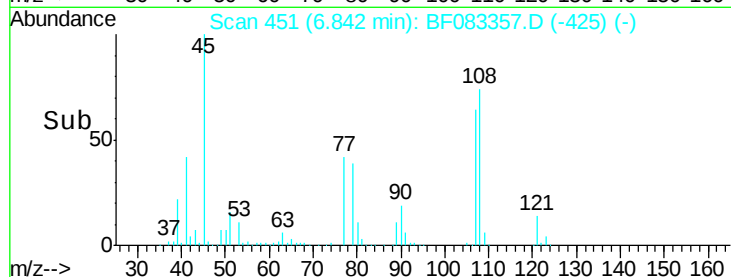
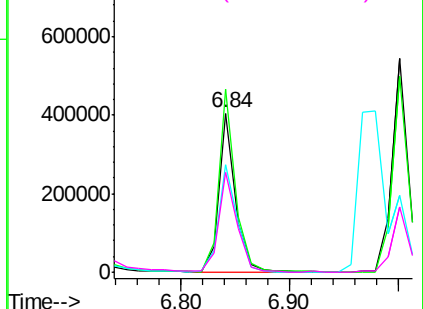
#17
2-Methylphenol
Concen: 40.95 ng
RT: 6.84 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083357.D
Acq: 1 Dec 2015 2:43

Instrument :
BNA_F
ClientSampleId :
PB86889BSD

Tgt Ion:107 Resp: 427086
Ion Ratio Lower Upper
107 100
108 115.1 91.6 137.4
77 67.8 49.9 74.9
79 62.6 47.3 70.9

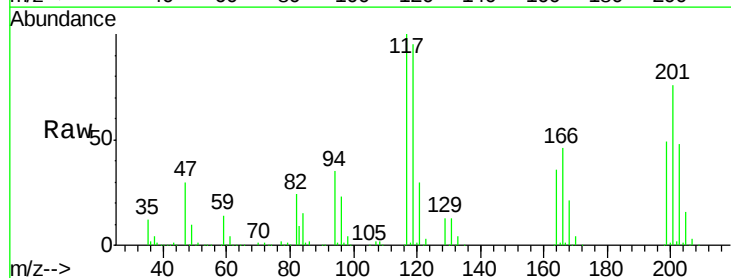


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

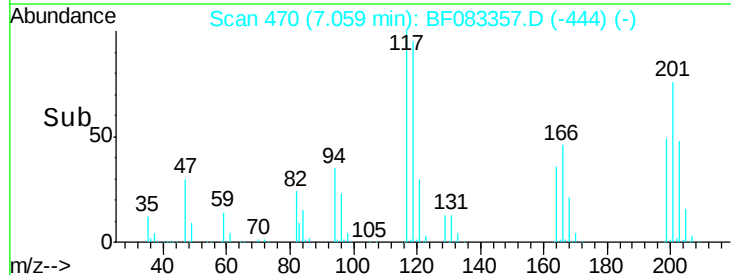
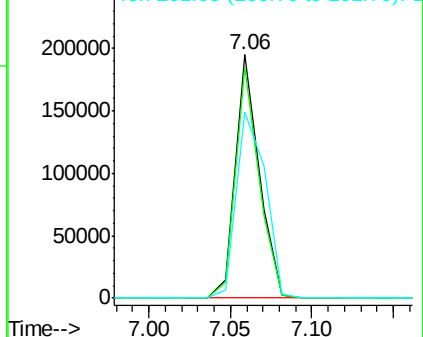


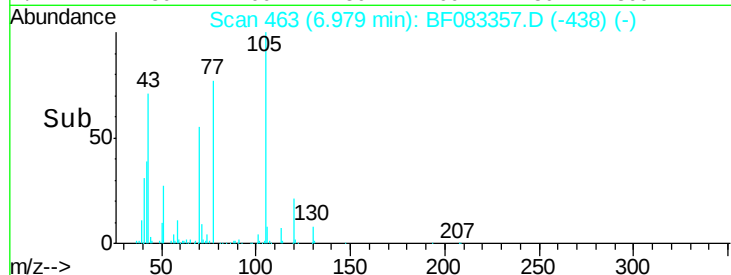
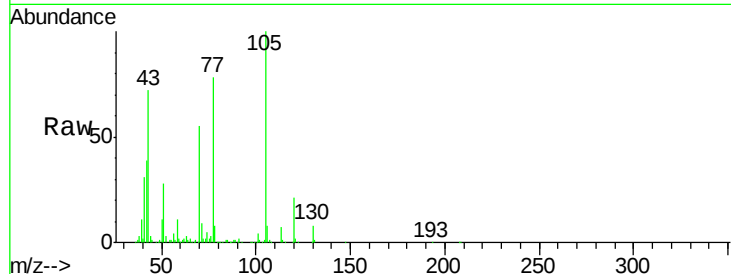
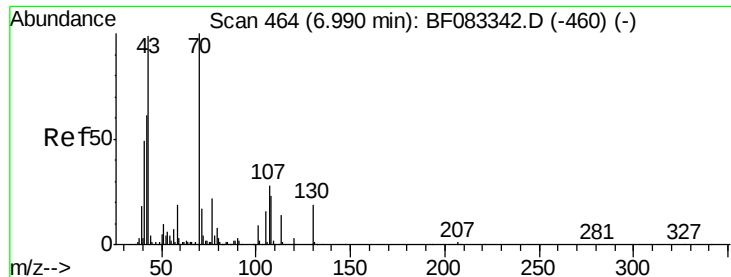
#18
Hexachloroethane
Concen: 38.85 ng
RT: 7.06 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF083357.D
Acq: 1 Dec 2015 2:43

Tgt Ion:117 Resp: 193975
Ion Ratio Lower Upper
117 100
119 94.9 77.3 115.9
201 76.5 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

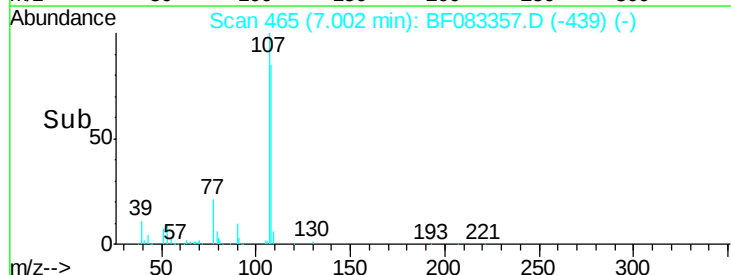
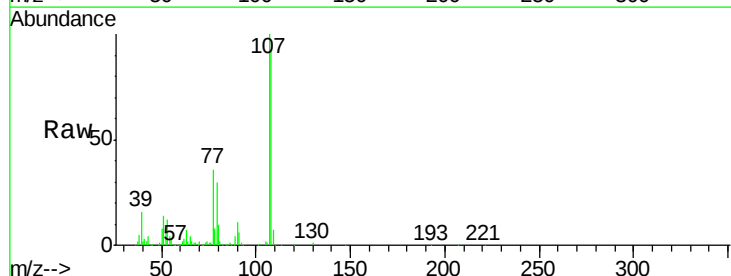
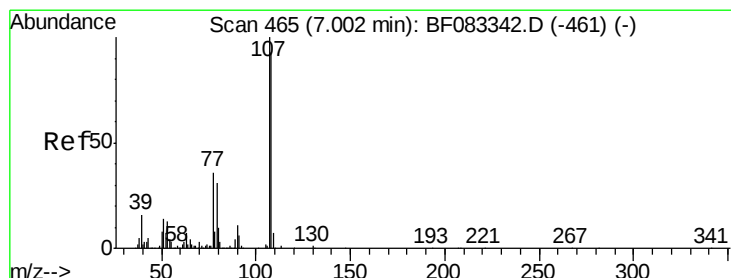
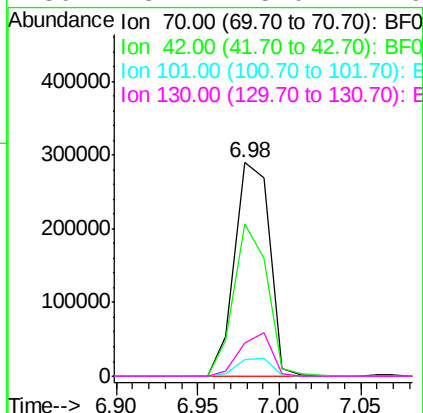




#19
n-Nitroso-di-n-propylamine
Concen: 38.67 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083357.D
Acq: 1 Dec 2015 2:43

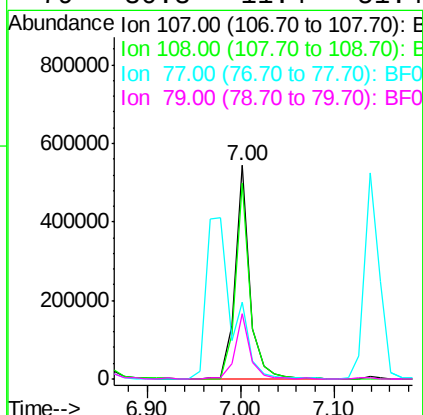
Instrument :
BNA_F
ClientSampleId :
PB86889BSD

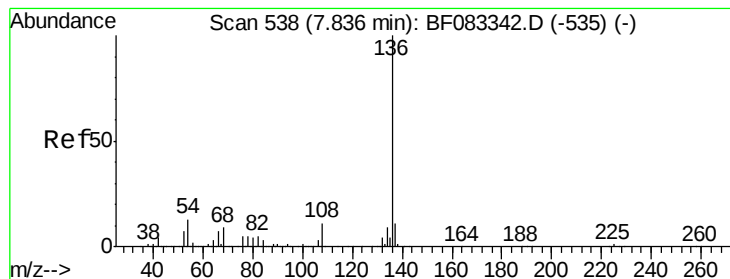
Tgt Ion:	70	Resp:	429173
Ion	Ratio	Lower	Upper
70	100		
42	71.3	48.8	73.2
101	7.8	7.1	10.7
130	15.4	15.0	22.6



#20
3+4-Methylphenols
Concen: 42.17 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083357.D
Acq: 1 Dec 2015 2:43

Tgt Ion:	107	Resp:	595654
Ion	Ratio	Lower	Upper
107	100		
108	91.6	73.0	113.0
77	35.7	16.8	56.8
79	30.3	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: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

Tgt Ion:136 Resp: 659016

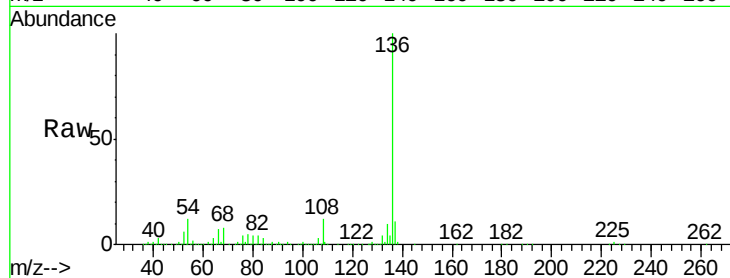
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 12.3 10.1 15.1

68 8.2 7.1 10.7

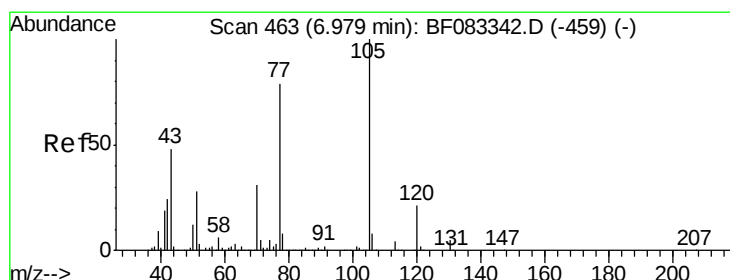
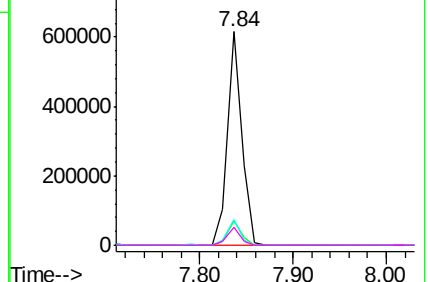
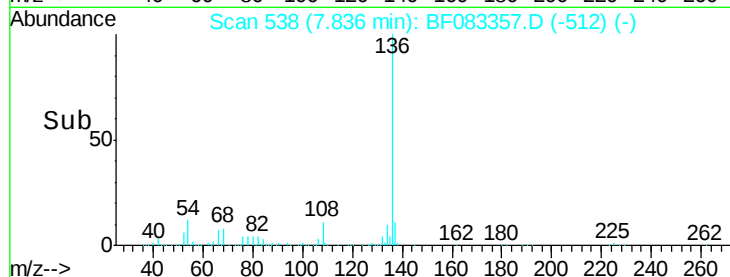


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.94 ng

RT: 6.98 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Tgt Ion:105 Resp: 748093

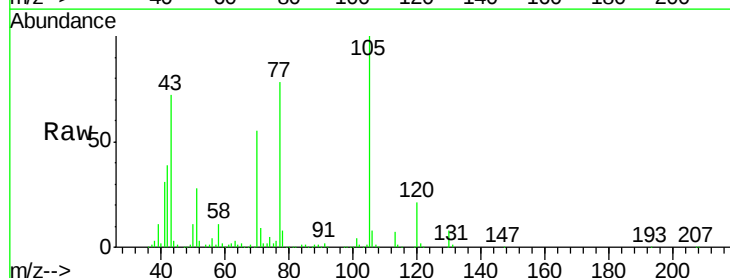
Ion Ratio Lower Upper

105 100

71 9.1 4.3 6.5#

51 27.7 22.9 34.3

120 21.5 16.7 25.1

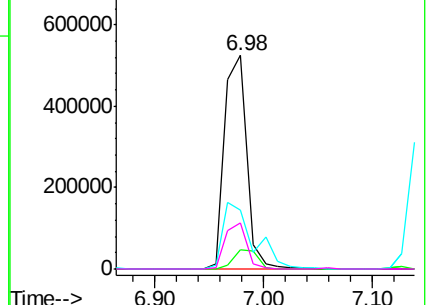
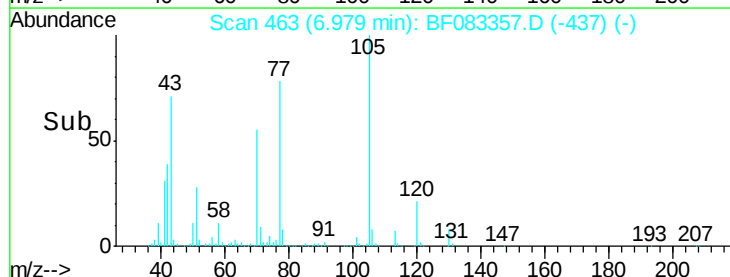


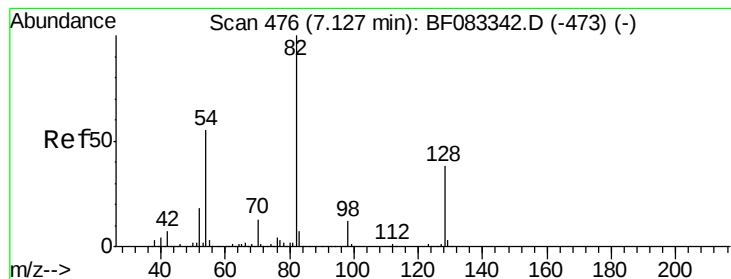
Abundance Ion 105.00 (104.70 to 105.70): E

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: 74.14 ng

RT: 7.13 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

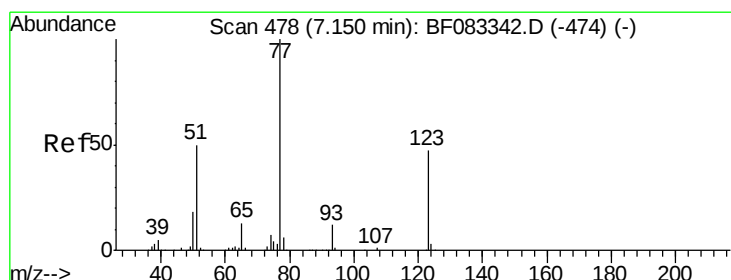
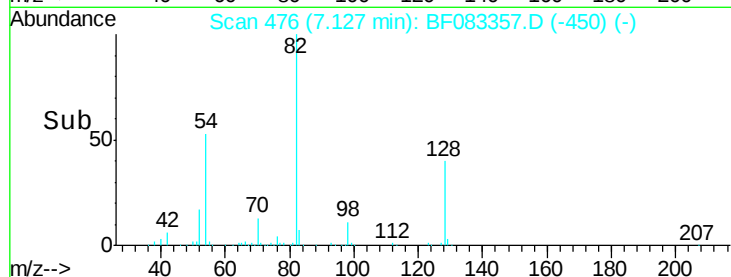
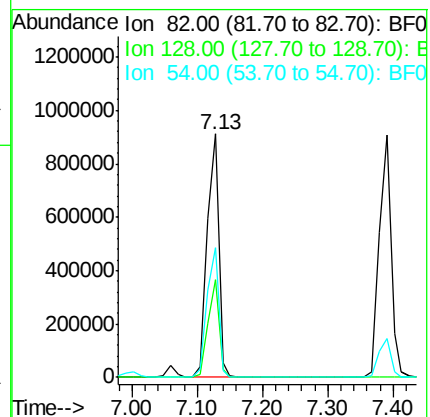
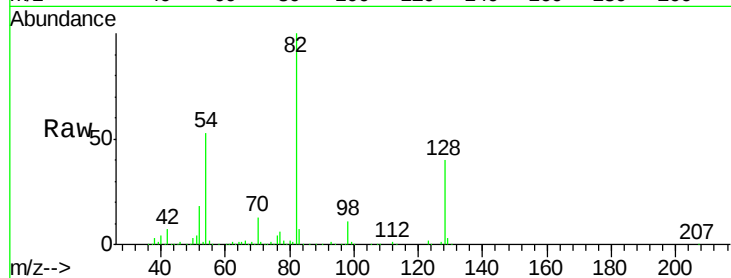
Tgt Ion: 82 Resp: 1111432

Ion Ratio Lower Upper

82 100

128 40.2 30.6 46.0

54 53.1 43.8 65.6



#24

Nitrobenzene

Concen: 36.49 ng

RT: 7.14 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

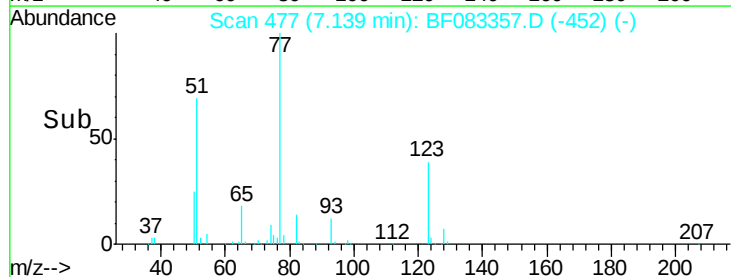
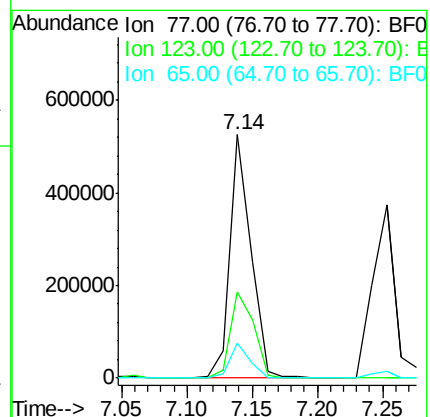
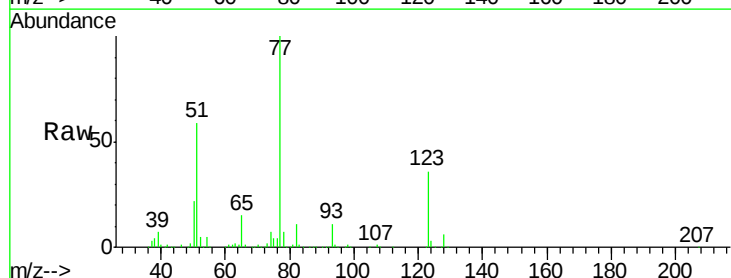
Tgt Ion: 77 Resp: 584172

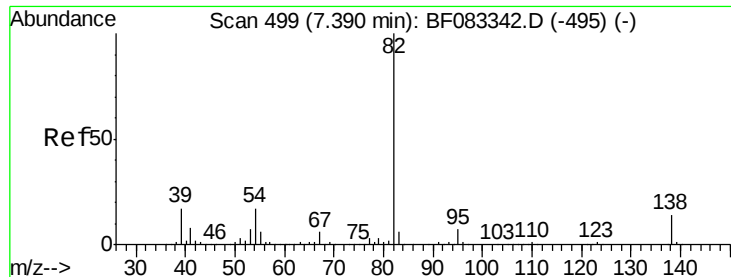
Ion Ratio Lower Upper

77 100

123 35.5 37.4 56.0#

65 14.5 10.6 15.8





#25

Isophorone

Concen: 39.29 ng

RT: 7.39 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

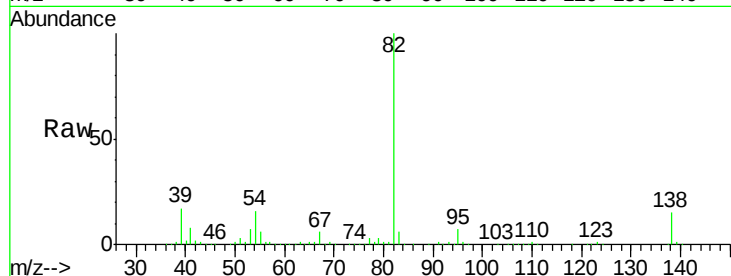
Tgt Ion: 82 Resp: 1140874

Ion Ratio Lower Upper

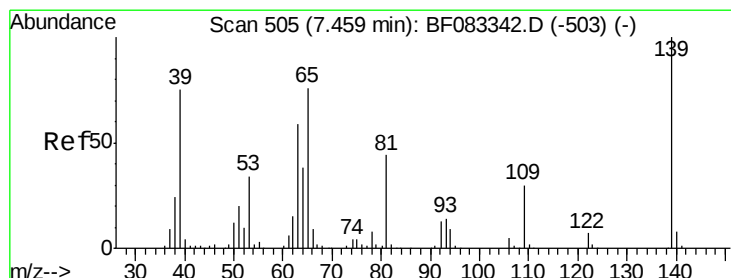
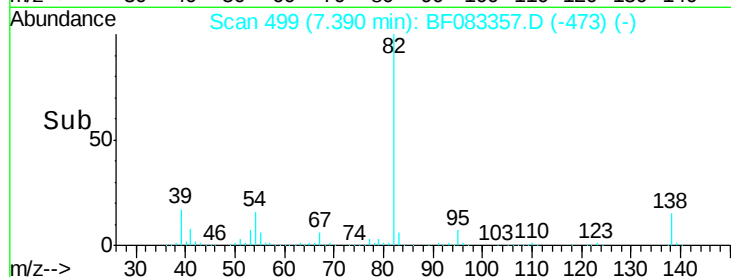
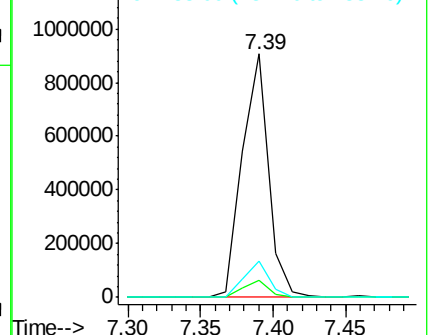
82 100

95 6.8 5.3 7.9

138 14.8 11.6 17.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.90 ng

RT: 7.46 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

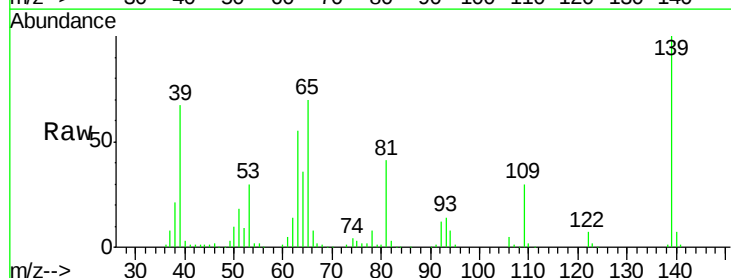
Tgt Ion: 139 Resp: 254221

Ion Ratio Lower Upper

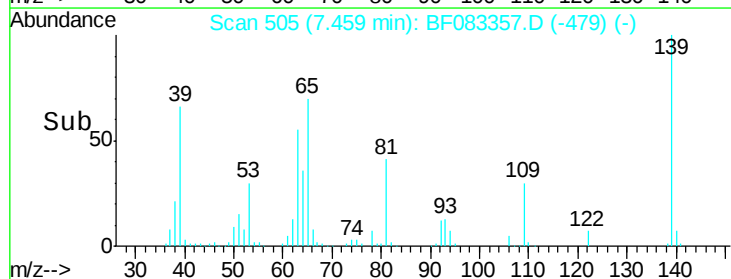
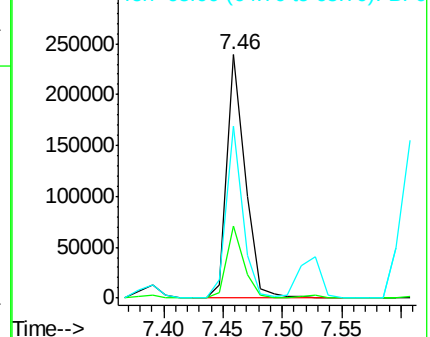
139 100

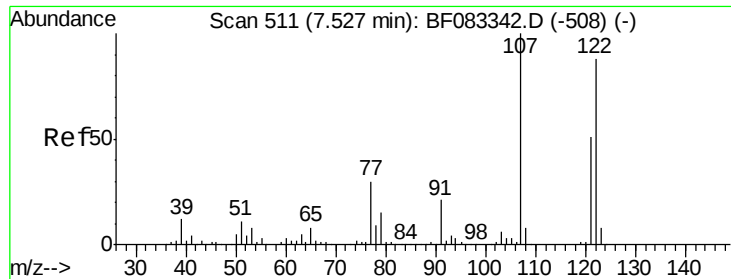
109 29.6 24.2 36.4

65 70.4 61.0 91.6



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





#27

2,4-Dimethylphenol

Concen: 43.33 ng

RT: 7.53 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

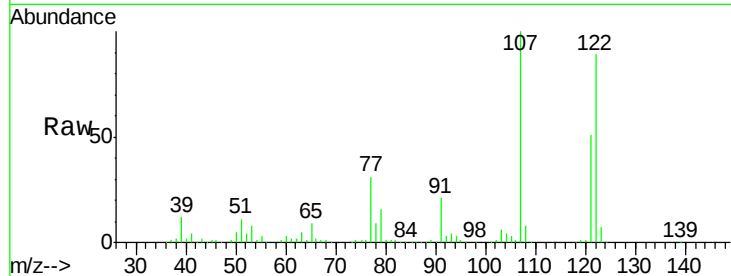
Tgt Ion:122 Resp: 474695

Ion Ratio Lower Upper

122 100

107 112.3 91.2 136.8

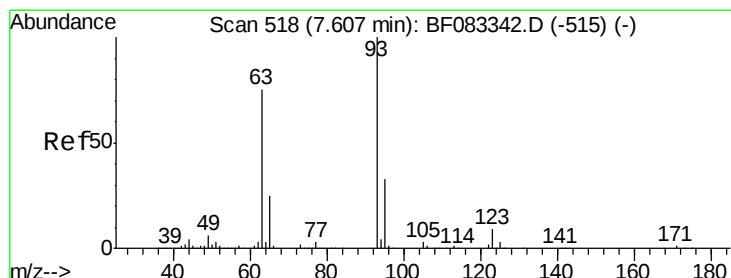
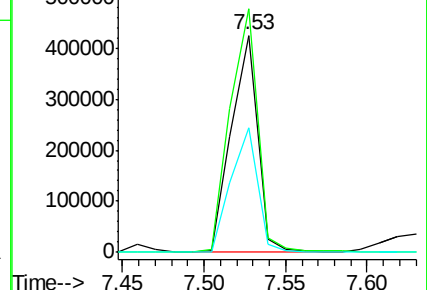
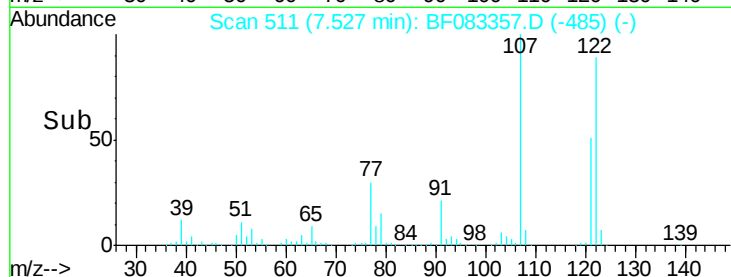
121 57.4 46.4 69.6



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: 40.06 ng

RT: 7.61 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

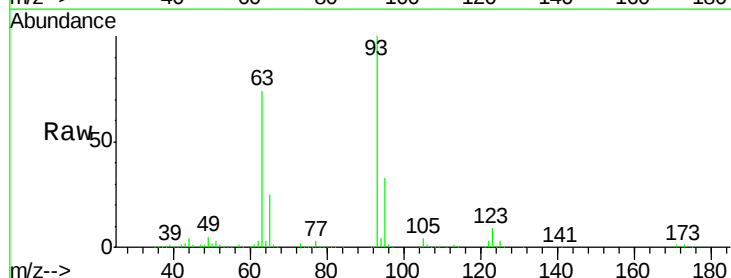
Tgt Ion: 93 Resp: 662405

Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

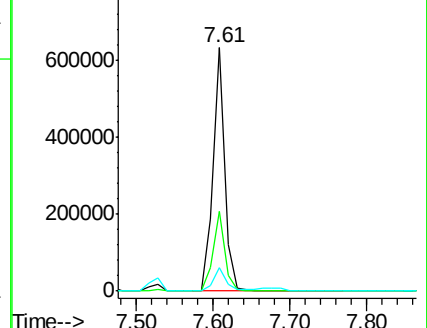
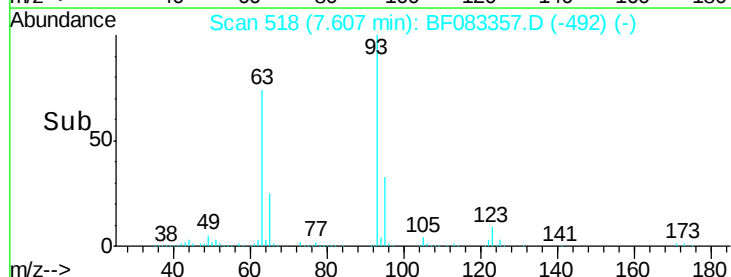
123 9.4 7.4 11.0

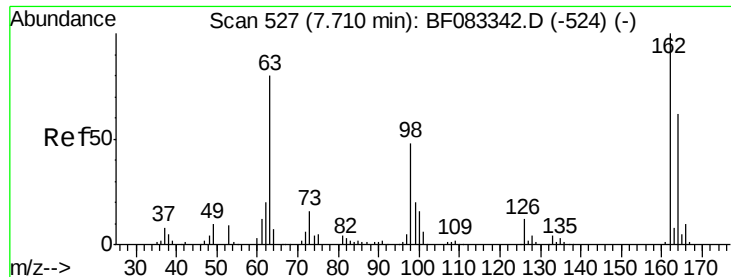


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

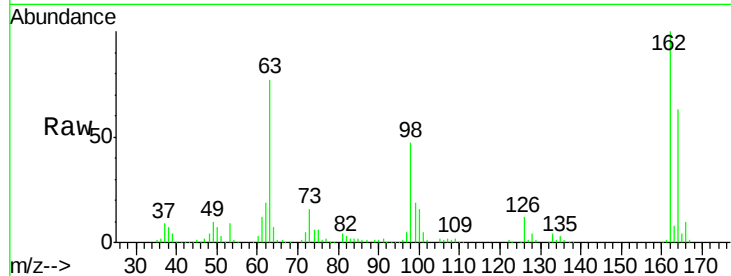




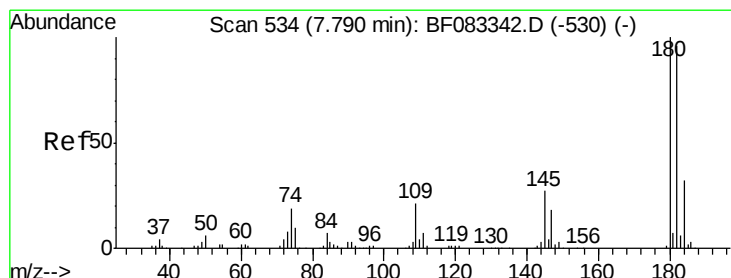
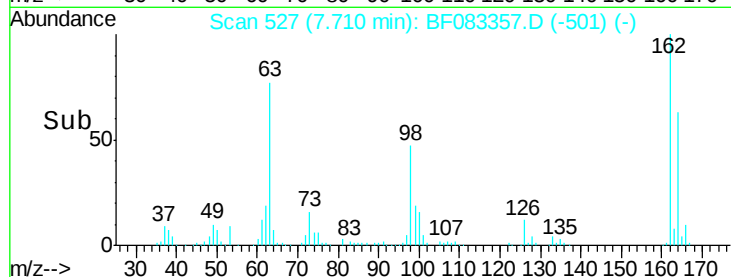
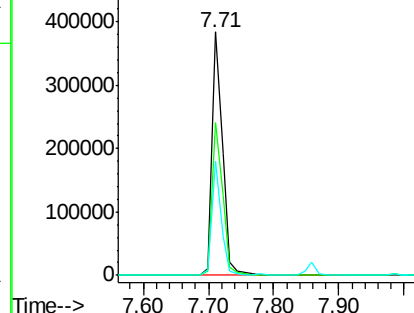
#29
 2,4-Dichlorophenol
 Concen: 40.83 ng
 RT: 7.71 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BSD

Tgt Ion:162 Resp: 430202
 Ion Ratio Lower Upper
 162 100
 164 62.8 41.9 81.9
 98 47.1 28.1 68.1

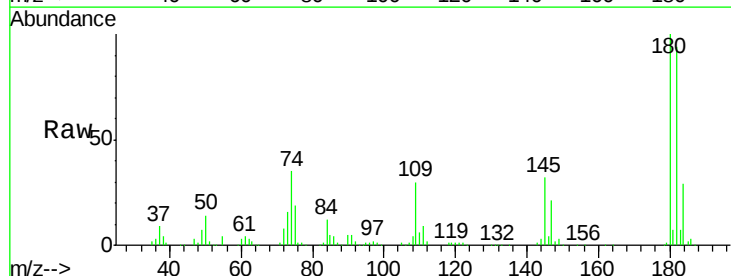


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

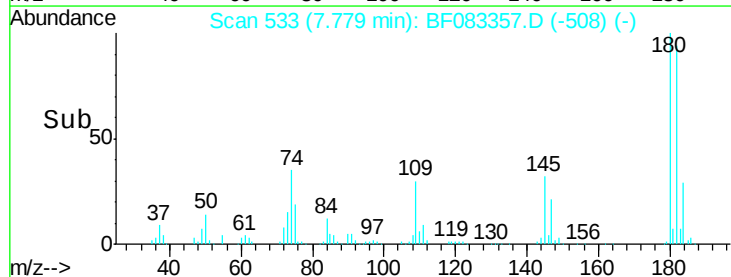
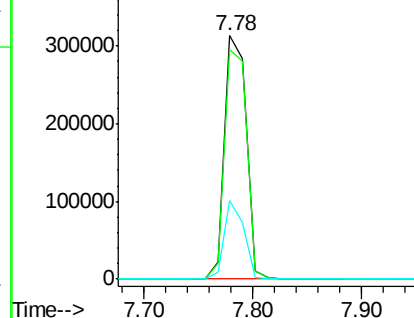


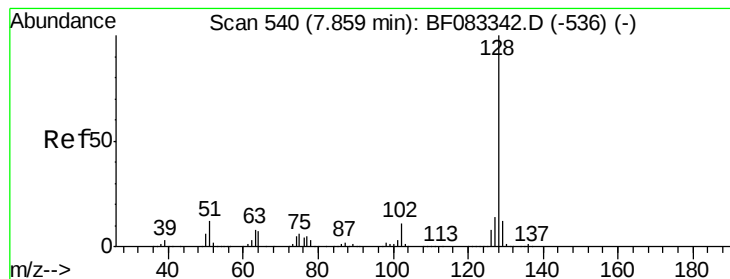
#30
 1,2,4-Trichlorobenzene
 Concen: 38.04 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Tgt Ion:180 Resp: 436214
 Ion Ratio Lower Upper
 180 100
 182 94.4 77.2 115.8
 145 32.3 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: 38.95 ng

RT: 7.86 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

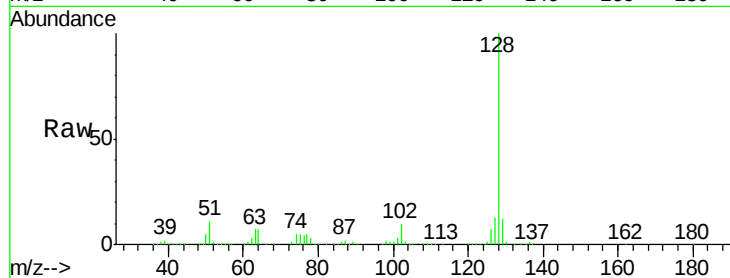
Tgt Ion:128 Resp: 1392880

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

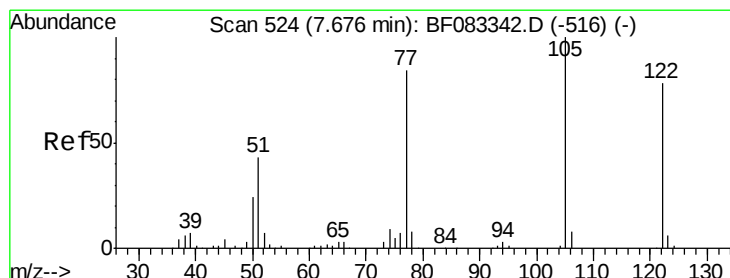
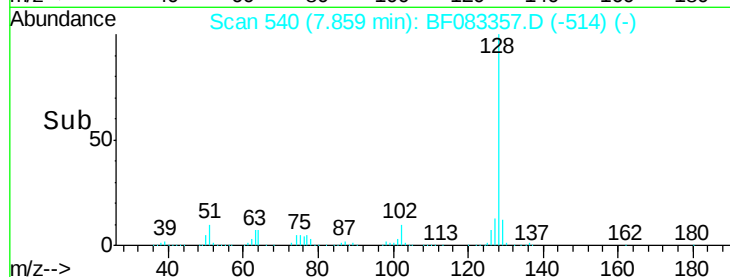
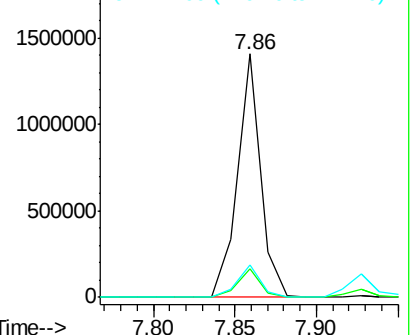
127 13.3 11.0 16.4



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: 41.32 ng

RT: 7.69 min Scan# 525

Delta R.T. 0.01 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

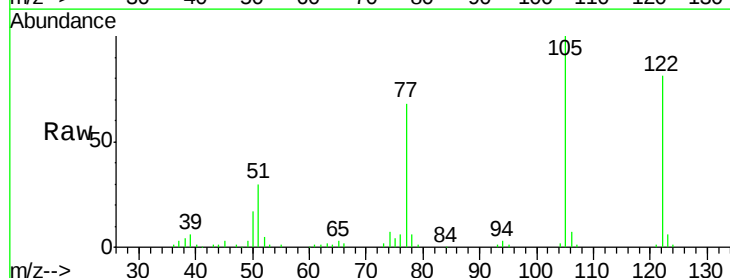
Tgt Ion:122 Resp: 312246

Ion Ratio Lower Upper

122 100

105 123.3 106.0 146.0

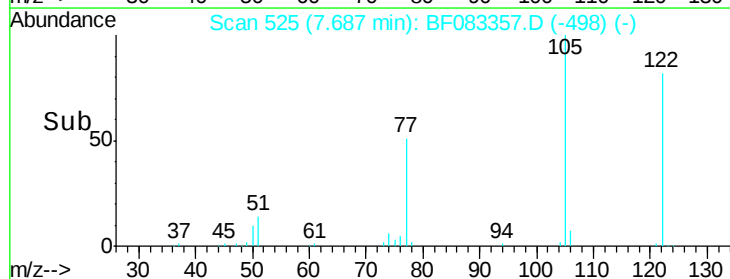
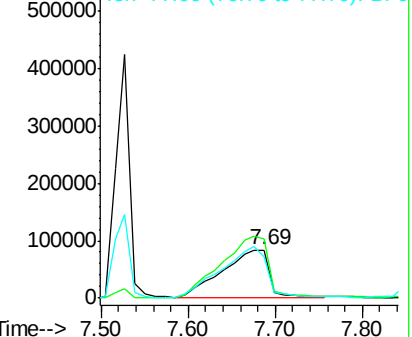
77 84.3 86.3 126.3#

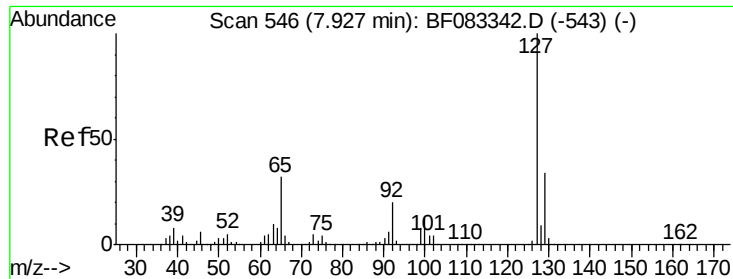


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

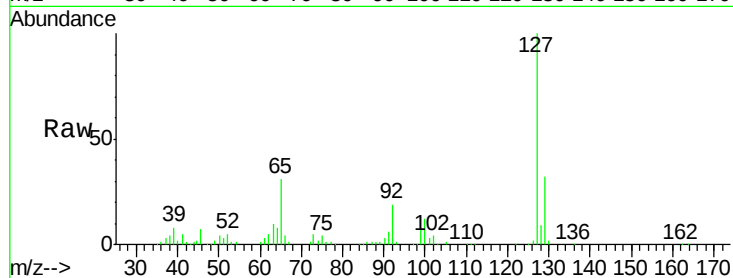




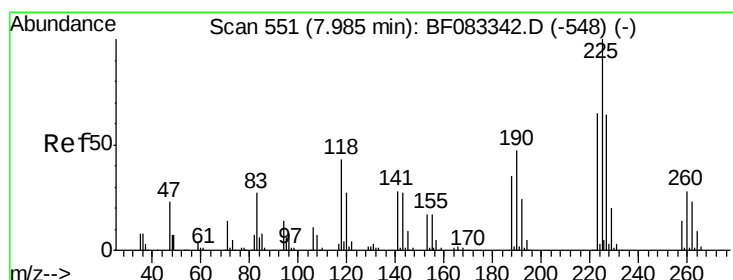
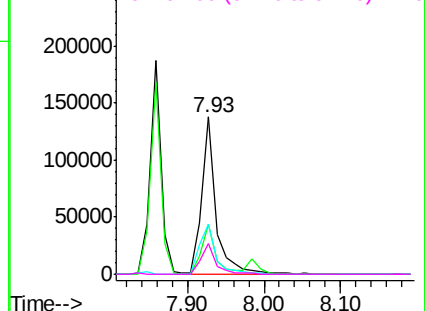
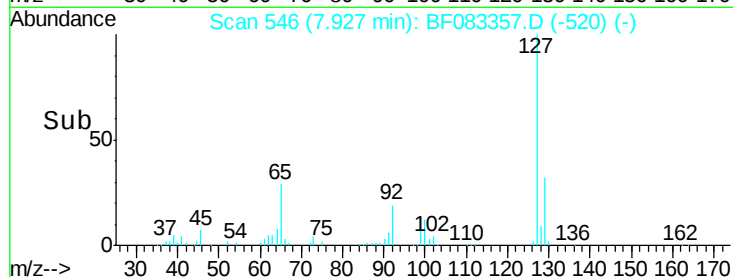
#33
4-Chloroaniline
Concen: 11.39 ng
RT: 7.93 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF083357.D
Acq: 1 Dec 2015 2:43

Instrument :
BNA_F
ClientSampleId :
PB86889BSD

Tgt Ion:	127	Resp:	175610
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.0	40.4
65	31.4	25.9	38.9
92	19.3	15.8	23.8

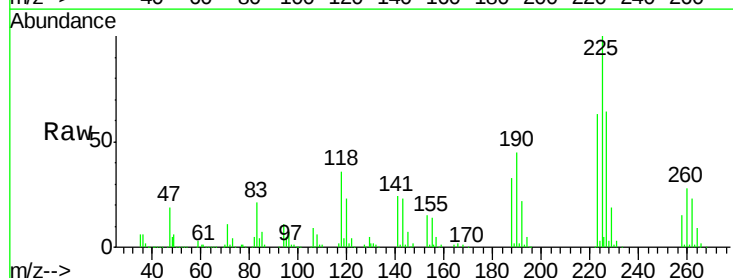


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

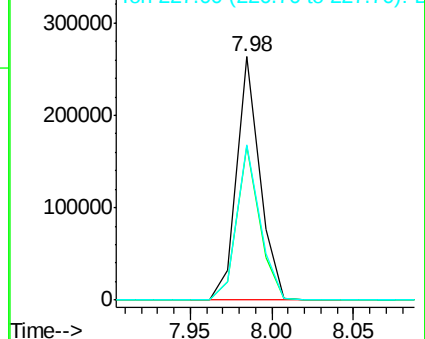
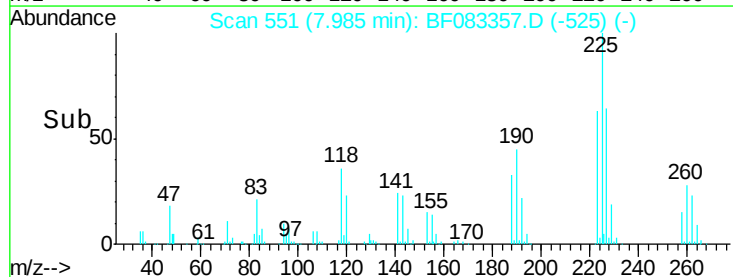


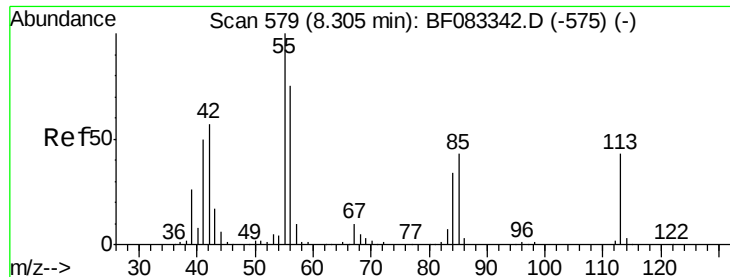
#34
Hexachlorobutadiene
Concen: 39.53 ng
RT: 7.98 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF083357.D
Acq: 1 Dec 2015 2:43

Tgt Ion:	225	Resp:	257419
Ion	Ratio	Lower	Upper
225	100		
223	63.0	52.0	78.0
227	63.9	51.1	76.7



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

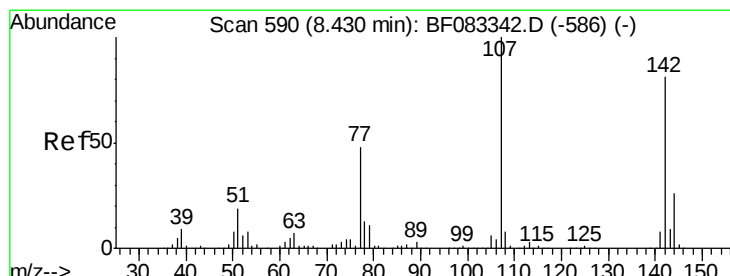
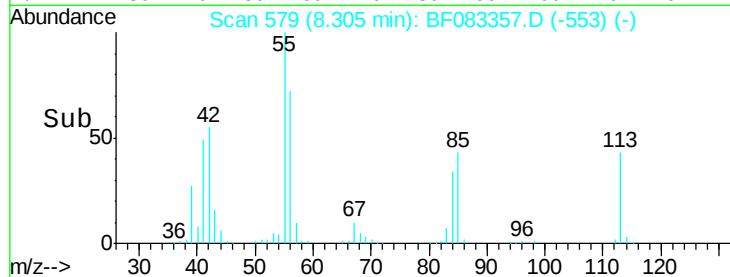
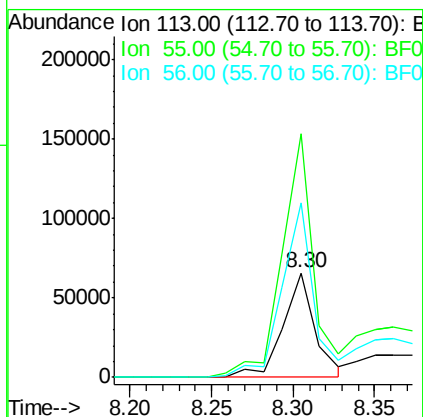
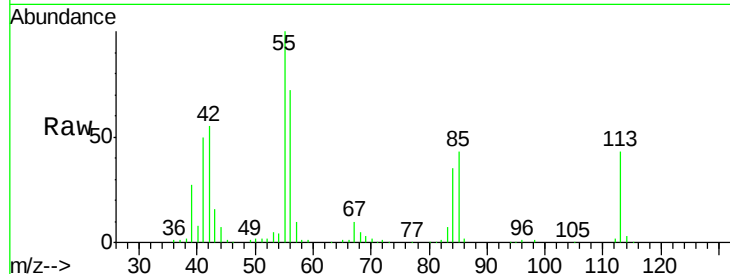




#35
 Caprolactam
 Concen: 27.00 ng
 RT: 8.30 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

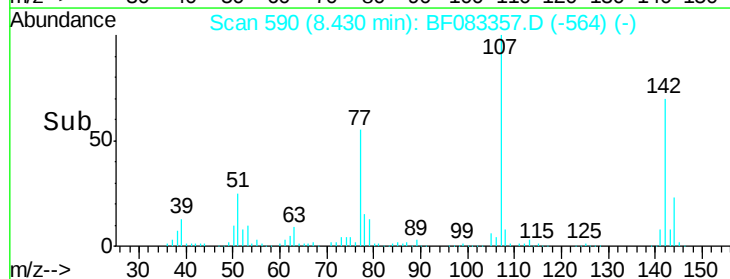
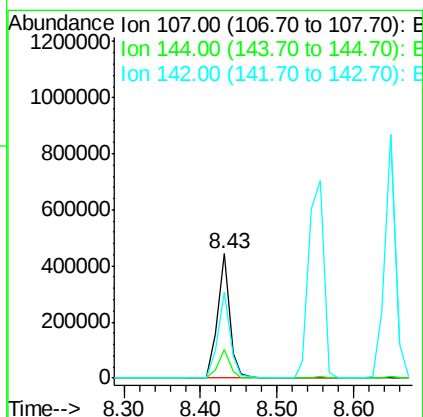
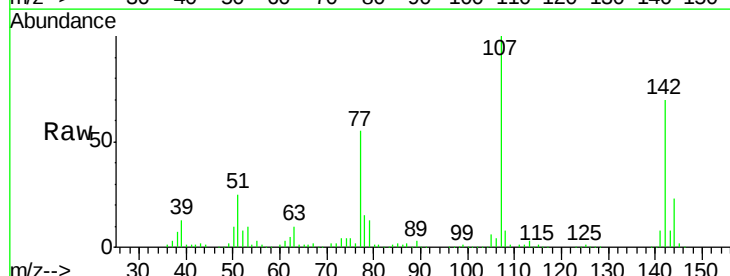
Instrument :
 BNA_F
 ClientSampleId :
 PB86889BSD

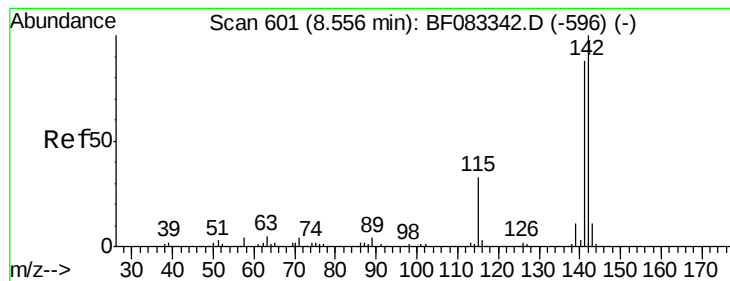
Tgt Ion:113 Resp: 89873
 Ion Ratio Lower Upper
 113 100
 55 233.0 211.6 251.6
 56 167.3 153.0 193.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.89 ng
 RT: 8.43 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Tgt Ion:107 Resp: 495100
 Ion Ratio Lower Upper
 107 100
 144 22.7 21.1 31.7
 142 69.6 65.1 97.7





#37

2-Methylnaphthalene

Concen: 39.91 ng

RT: 8.56 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

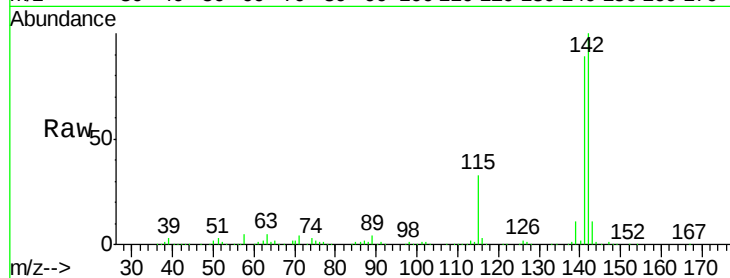
Tgt Ion:142 Resp: 953678

Ion Ratio Lower Upper

142 100

141 89.0 70.6 105.8

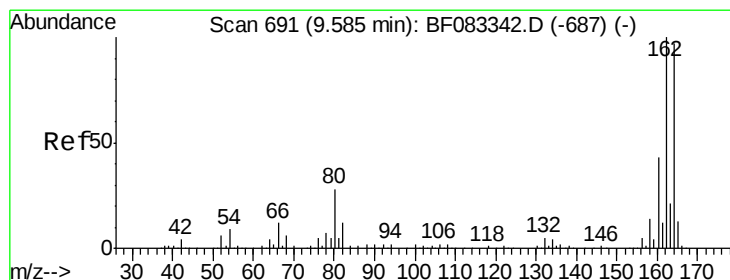
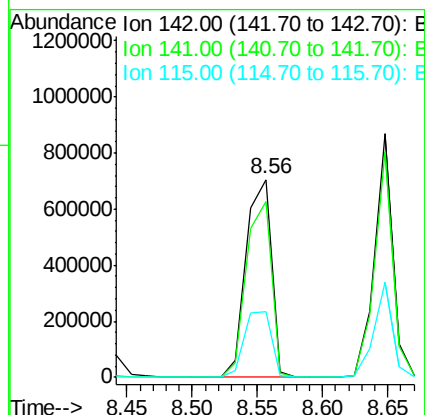
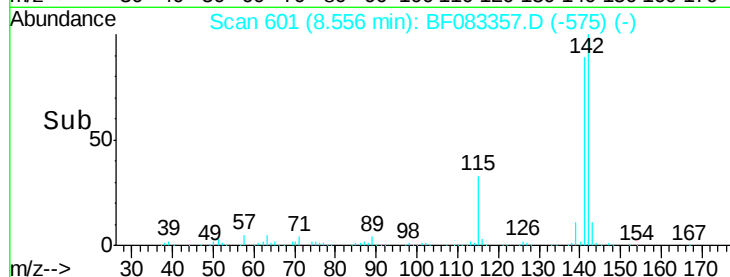
115 33.3 26.2 39.2



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: BF083357.D

Acq: 1 Dec 2015 2:43

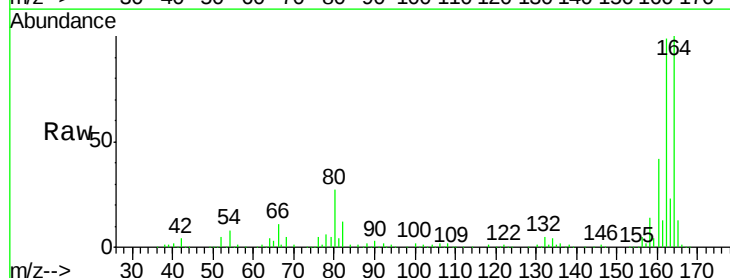
Tgt Ion:164 Resp: 343935

Ion Ratio Lower Upper

164 100

162 98.7 82.6 123.8

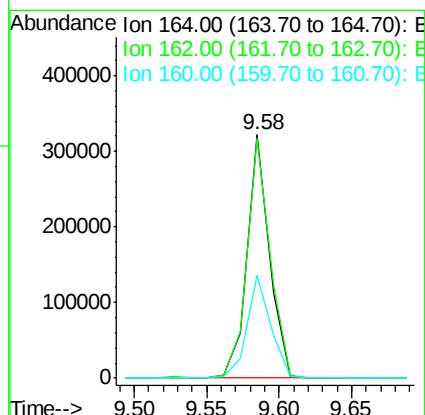
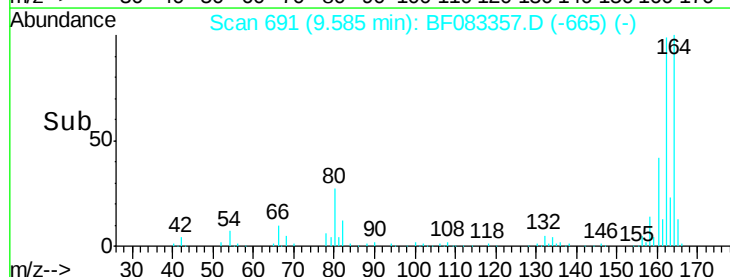
160 42.3 35.3 52.9

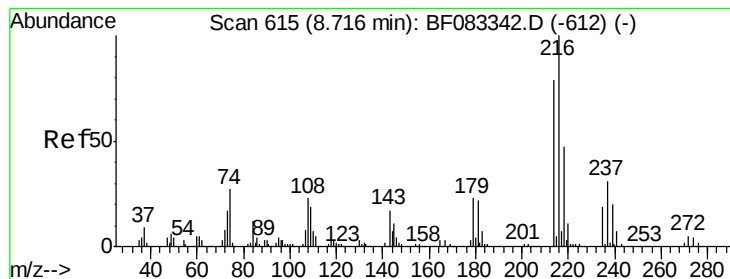


Abundance Ion 164.00 (163.70 to 164.70): E

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: 37.03 ng

RT: 8.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

Tgt Ion:216 Resp: 403691

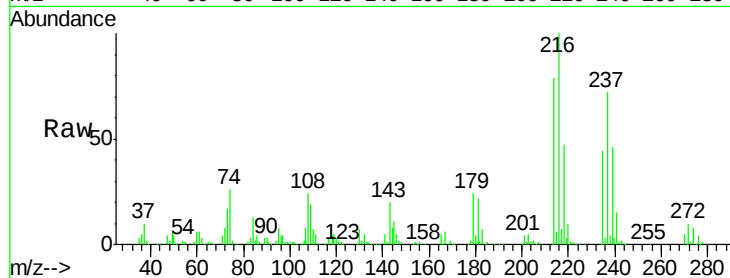
Ion Ratio Lower Upper

216 100

214 78.8 62.3 93.5

179 21.6 17.0 25.4

108 22.8 16.7 25.1

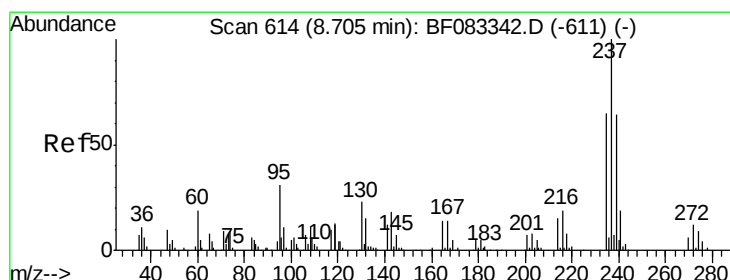
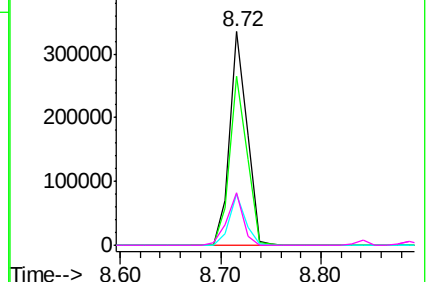
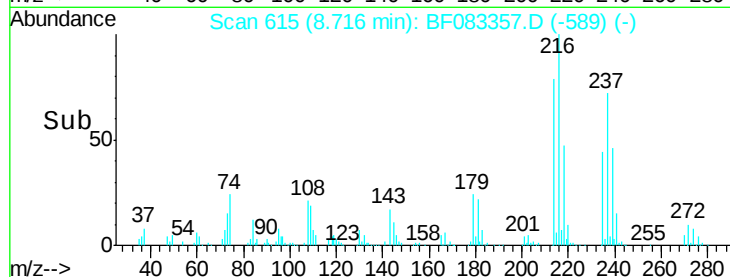


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 83.93 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

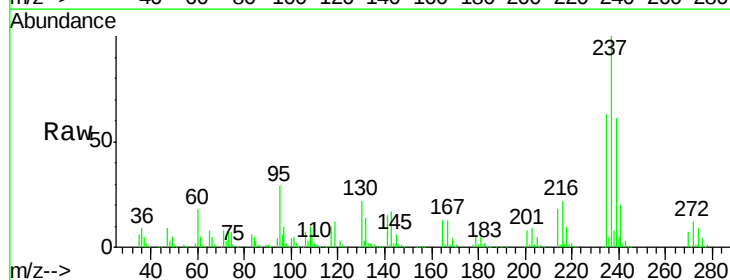
Tgt Ion:237 Resp: 434694

Ion Ratio Lower Upper

237 100

235 62.9 44.5 84.5

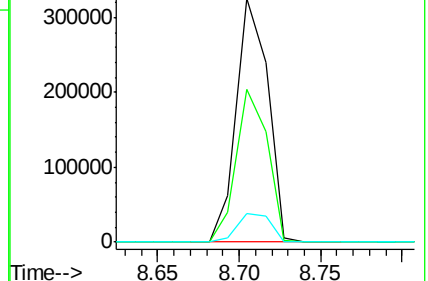
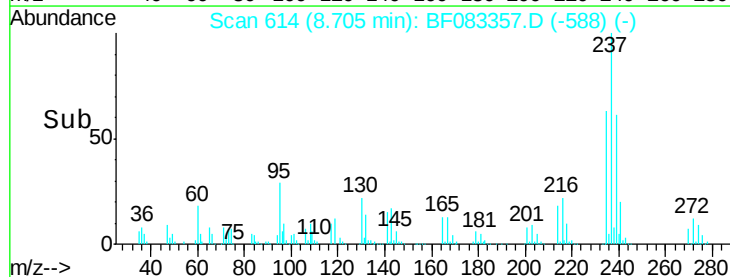
272 11.5 0.0 31.6

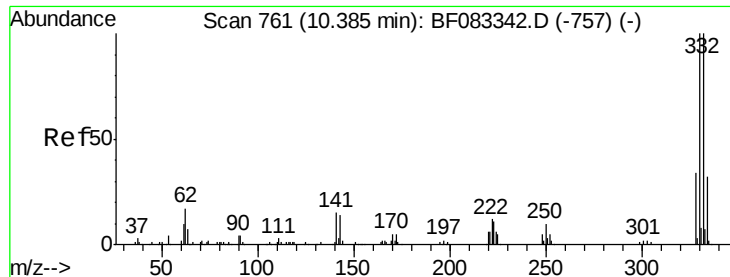


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

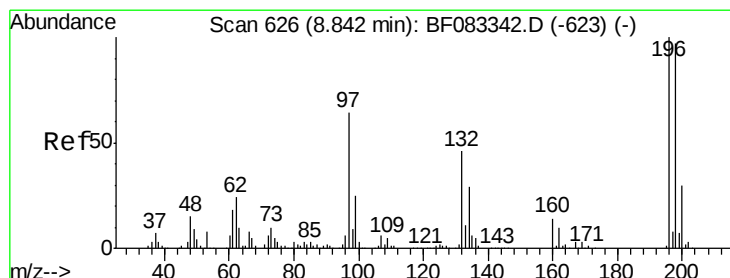
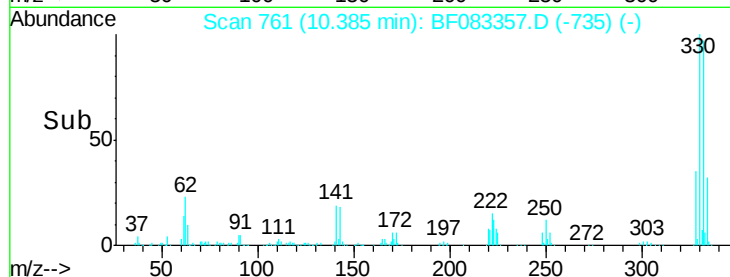
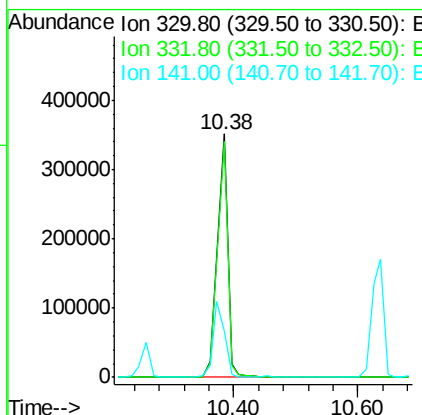
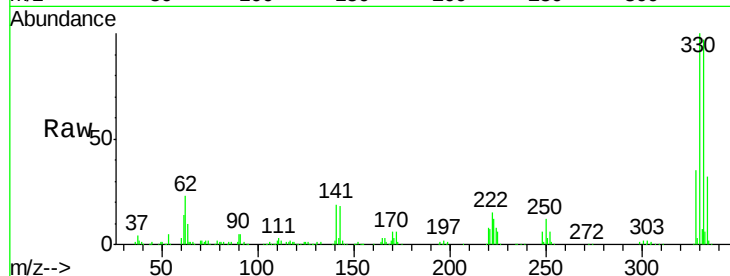




#41
 2,4,6-Tribromophenol
 Concen: 115.82 ng
 RT: 10.38 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

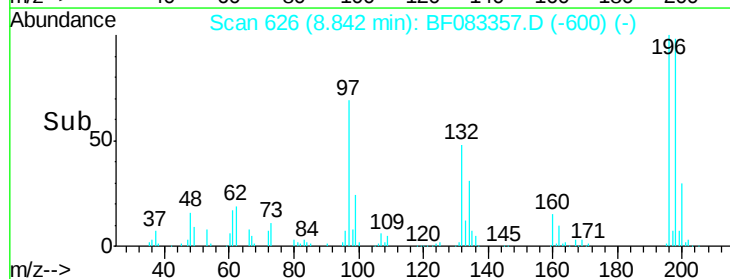
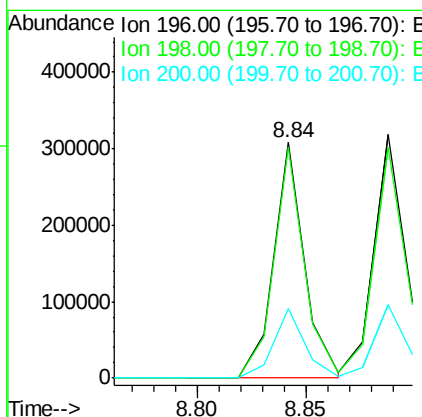
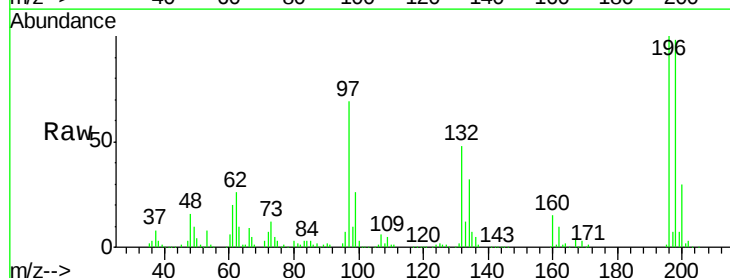
Instrument :
 BNA_F
 ClientSampleId :
 PB86889BSD

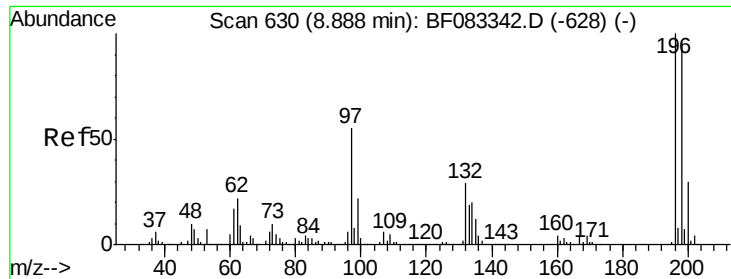
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	399887		
332	96.8		77.8	116.6
141	34.9		29.4	44.0



#42
 2,4,6-Trichlorophenol
 Concen: 39.92 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	305298		
198	97.8		77.2	115.8
200	29.8		24.2	36.4

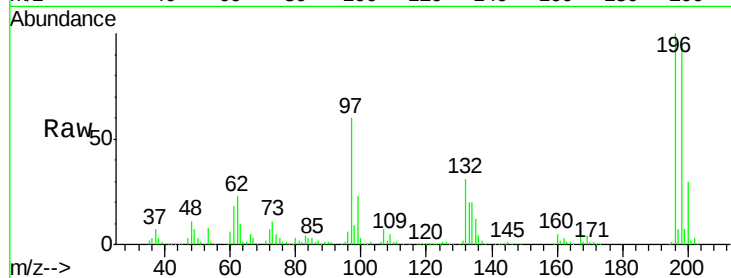




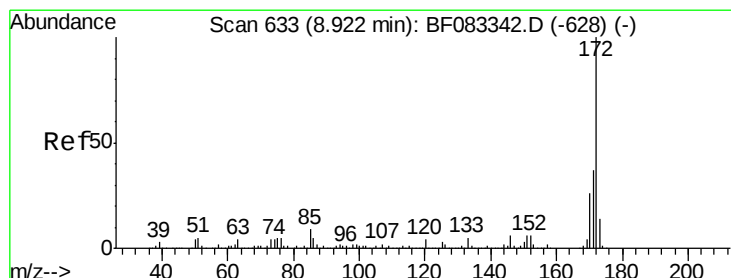
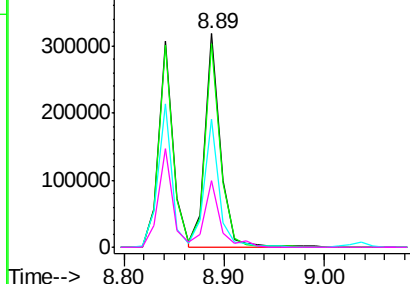
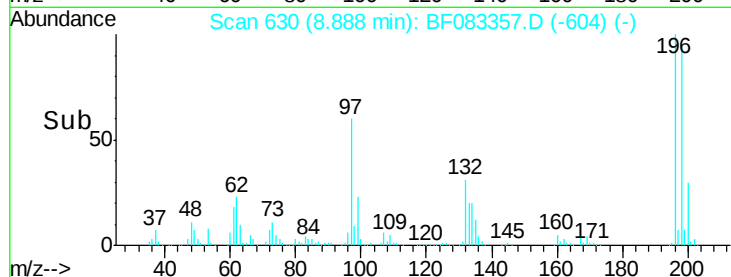
#43
 2,4,5-Trichlorophenol
 Concen: 42.32 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BSD

Tgt Ion:196 Resp: 335307
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.2 115.8
 97 59.6 44.4 66.6
 132 31.4 23.2 34.8

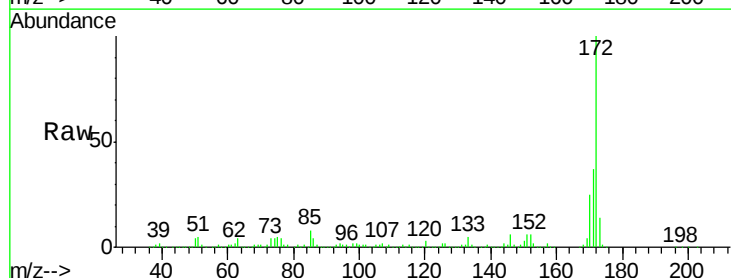


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

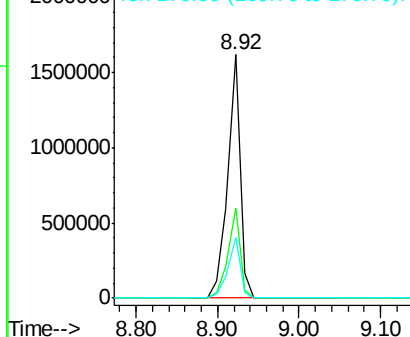
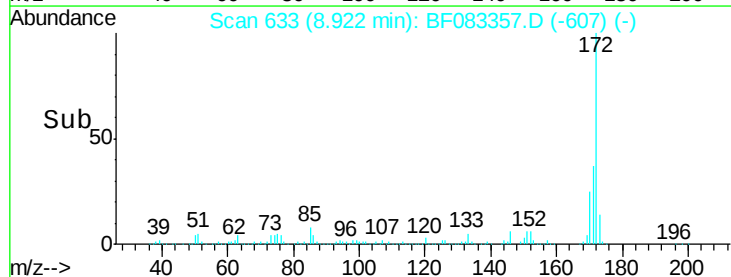


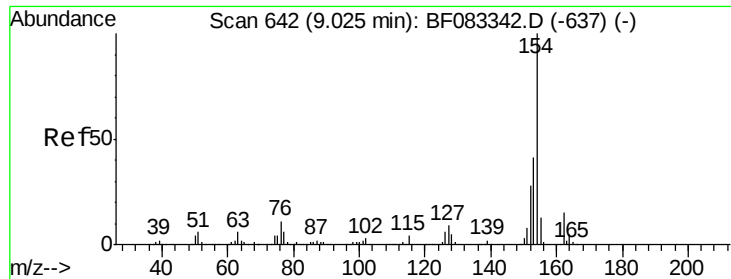
#44
 2-Fluorobiphenyl
 Concen: 71.18 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Tgt Ion:172 Resp: 1717968
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 25.1 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

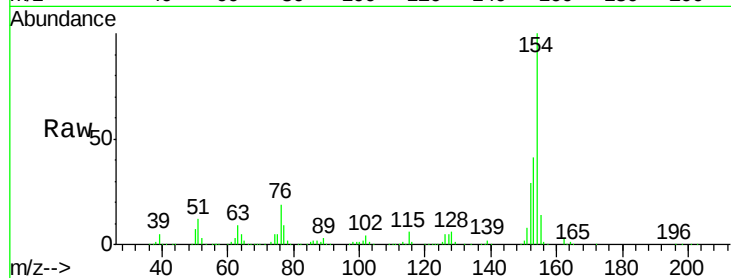




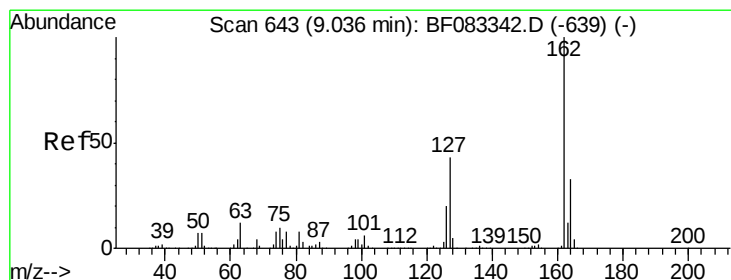
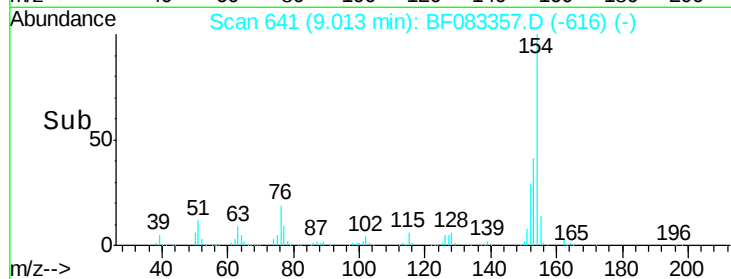
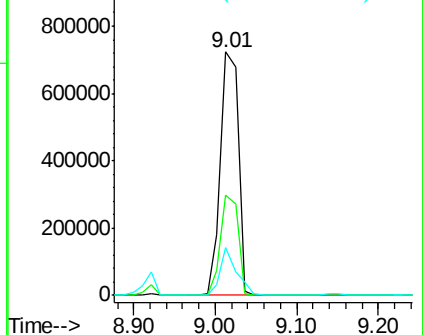
#45
 1,1'-Biphenyl
 Concen: 36.59 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BSD

Tgt Ion:154 Resp: 1103562
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.6 60.6
 76 19.4 0.0 30.5

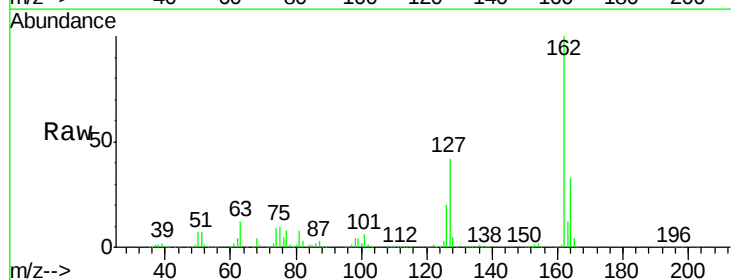


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

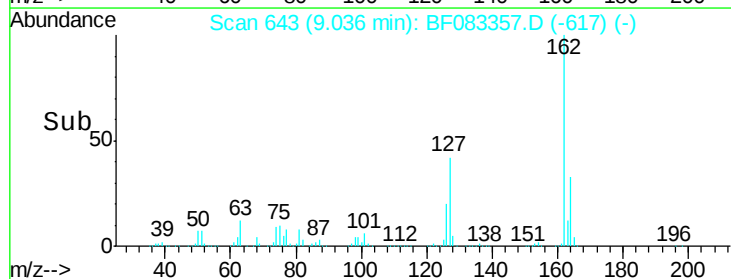
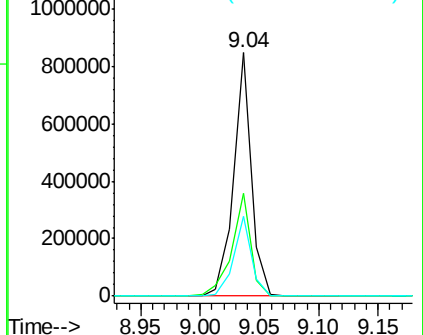


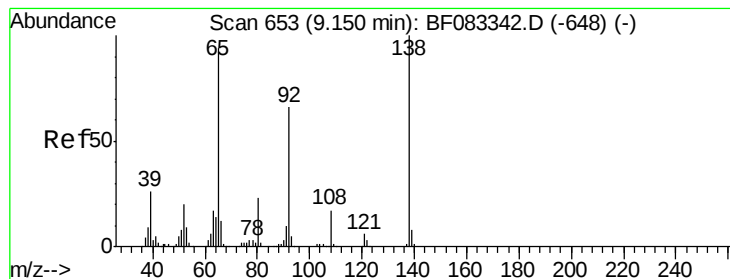
#46
 2-Chloronaphthalene
 Concen: 38.46 ng
 RT: 9.04 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Tgt Ion:162 Resp: 883952
 Ion Ratio Lower Upper
 162 100
 127 42.4 34.1 51.1
 164 33.0 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: 41.93 ng

RT: 9.15 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

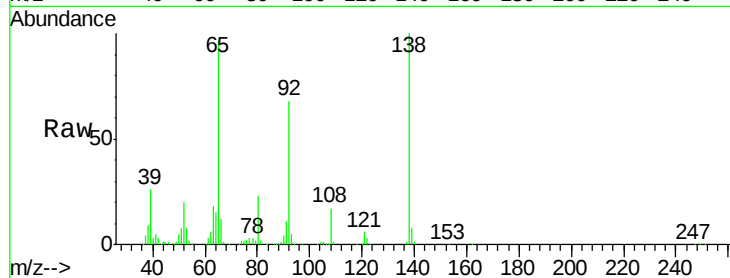
Tgt Ion: 65 Resp: 381653

Ion Ratio Lower Upper

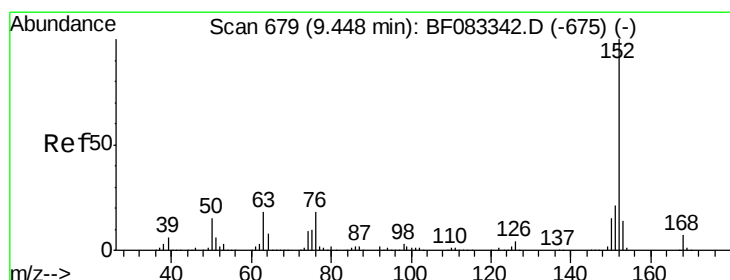
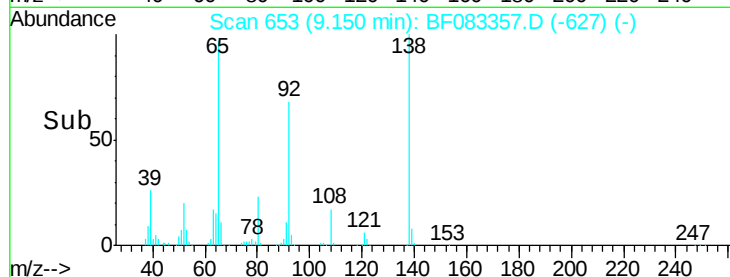
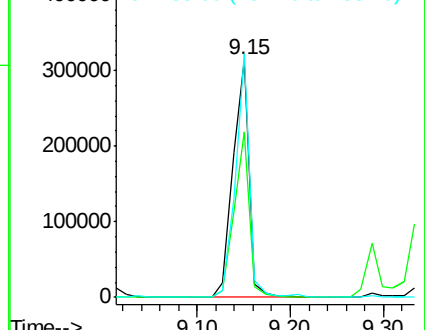
65 100

92 69.6 56.2 84.4

138 102.6 85.4 128.0



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



#48

Acenaphthylene

Concen: 38.15 ng

RT: 9.45 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

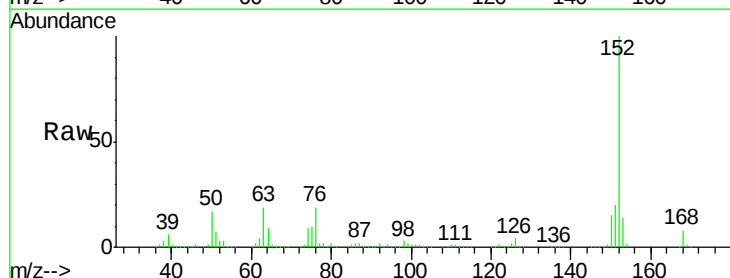
Tgt Ion: 152 Resp: 1398664

Ion Ratio Lower Upper

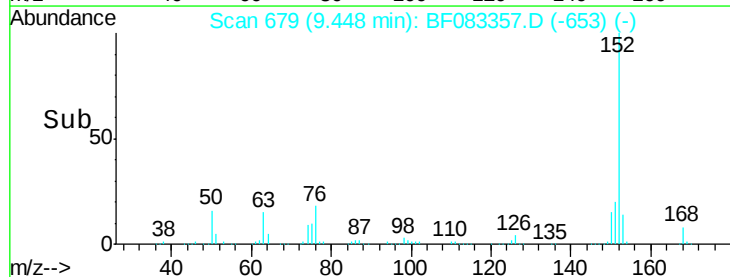
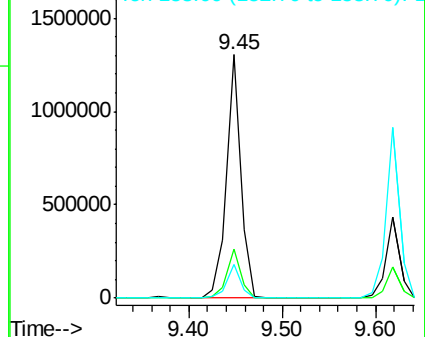
152 100

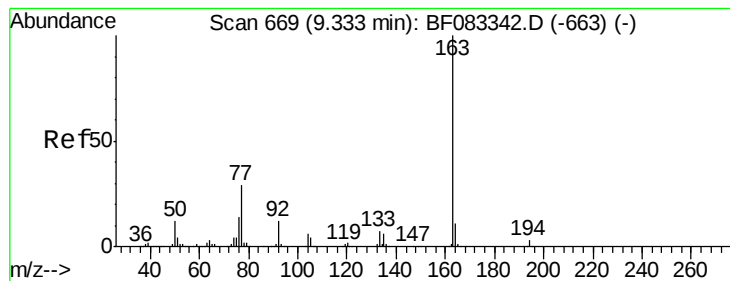
151 20.4 16.7 25.1

153 14.1 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 37.98 ng

RT: 9.33 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

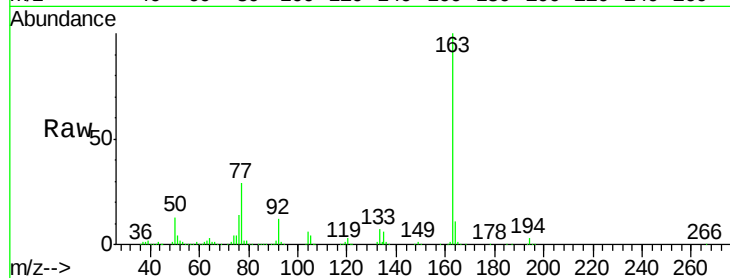
Tgt Ion:163 Resp: 1061524

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

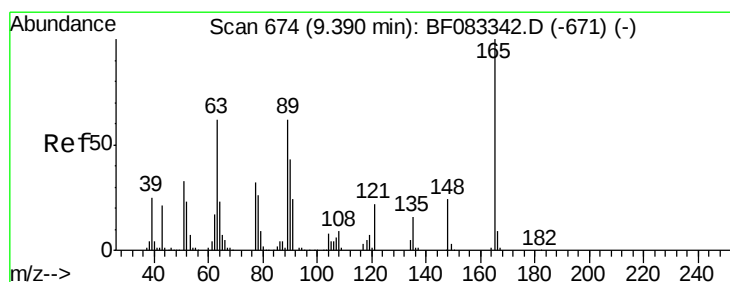
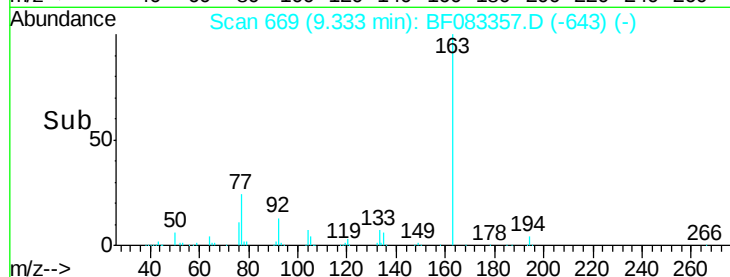
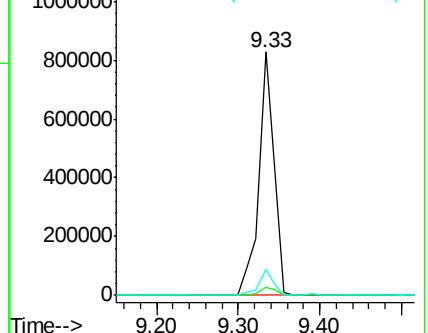
164 10.9 8.8 13.2



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: 39.69 ng

RT: 9.39 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

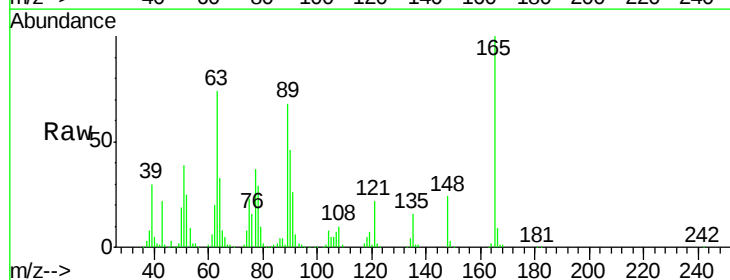
Tgt Ion:165 Resp: 236927

Ion Ratio Lower Upper

165 100

63 73.5 56.0 84.0

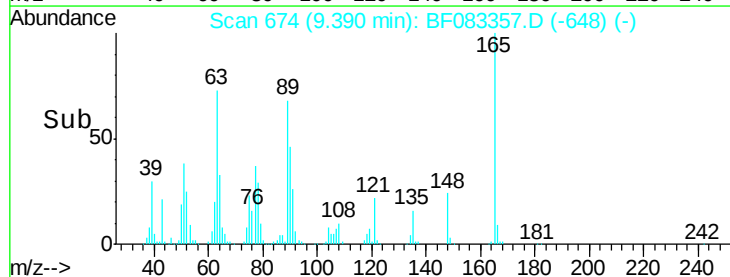
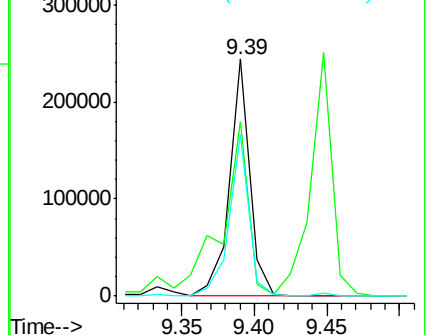
89 68.3 49.8 74.8

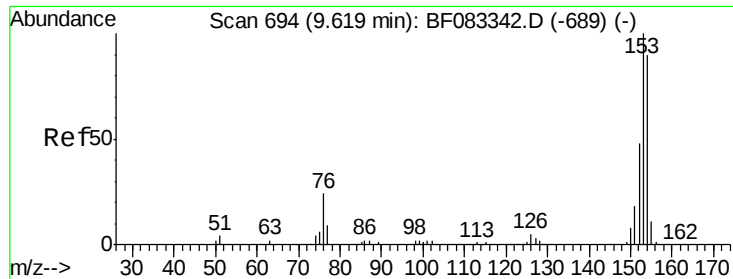


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.72 ng

RT: 9.62 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

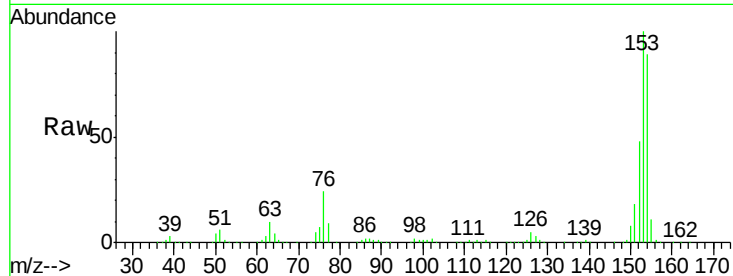
Tgt Ion:154 Resp: 835042

Ion Ratio Lower Upper

154 100

153 111.7 89.3 133.9

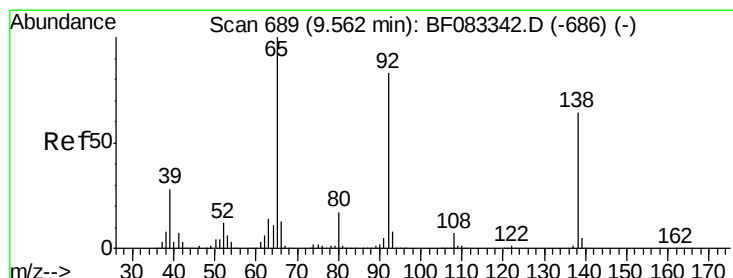
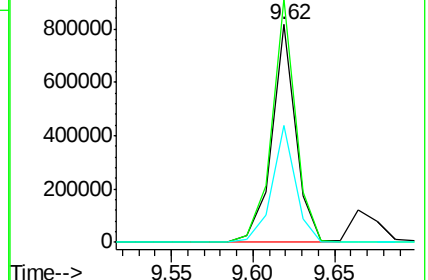
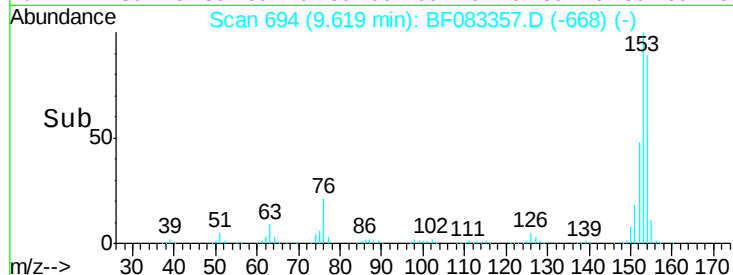
152 53.5 42.5 63.7



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: 15.40 ng

RT: 9.56 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

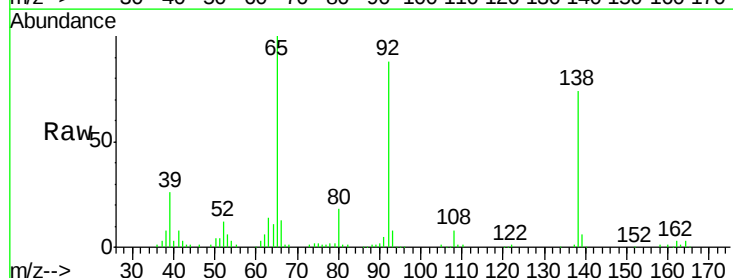
Tgt Ion:138 Resp: 107752

Ion Ratio Lower Upper

138 100

108 10.8 8.4 12.6

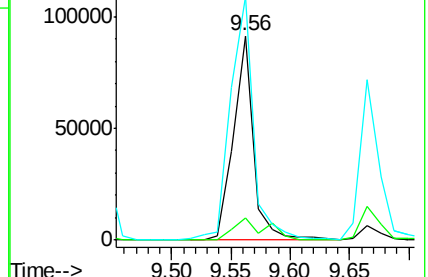
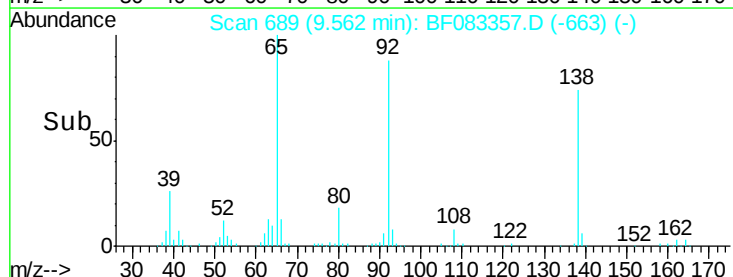
92 119.1 104.2 156.4

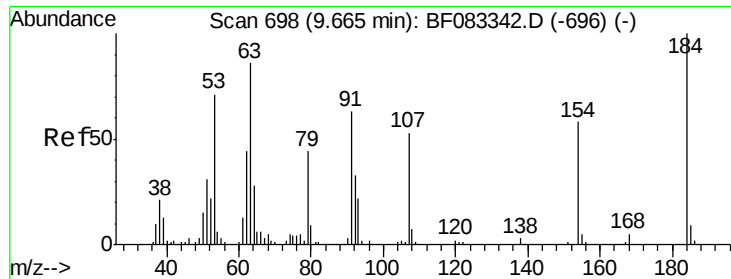


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

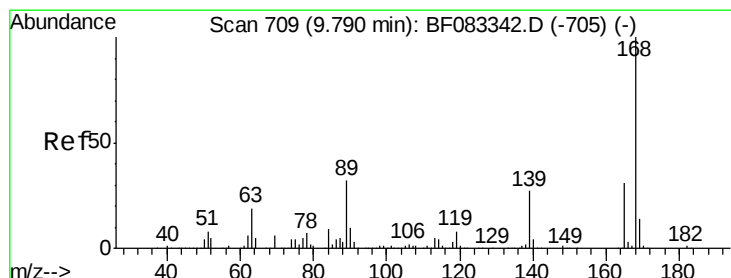
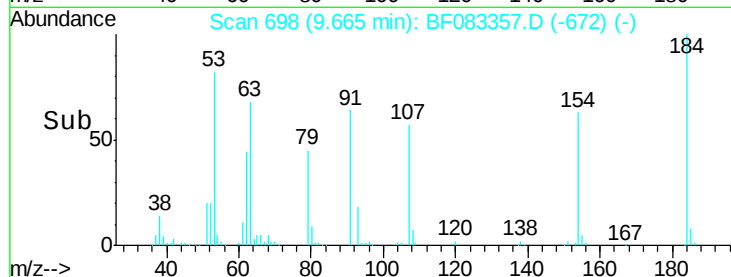
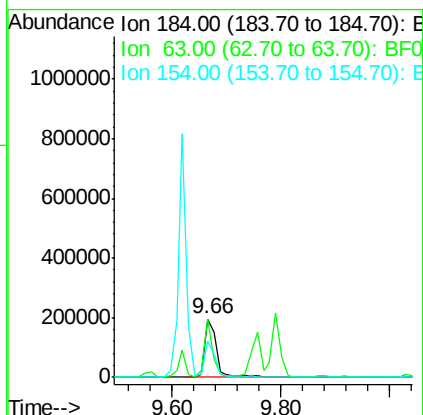
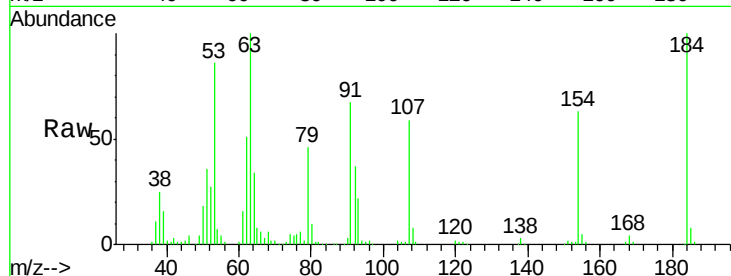




#53
 2,4-Dinitrophenol
 Concen: 76.50 ng
 RT: 9.66 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

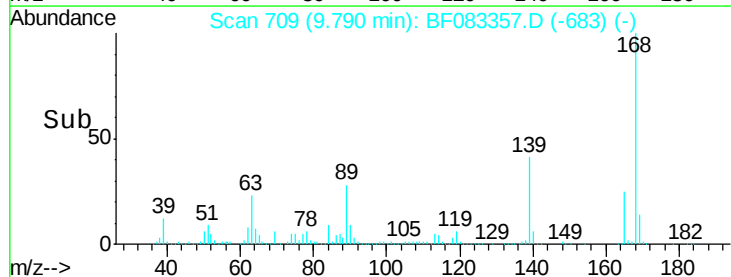
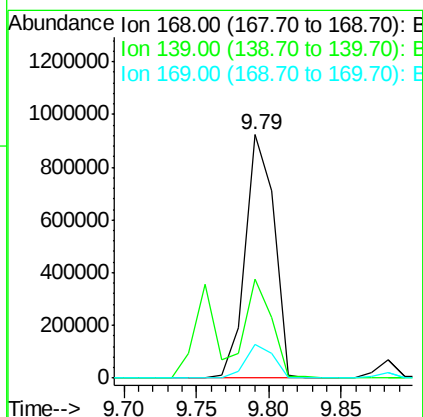
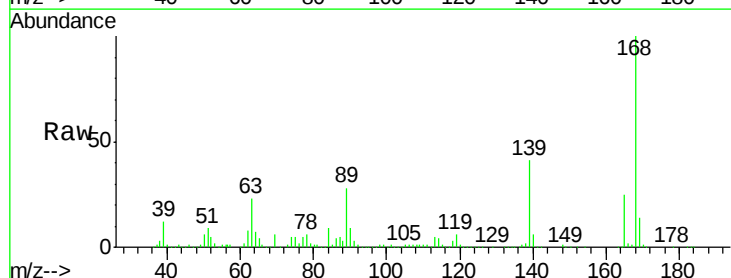
Instrument :
 BNA_F
 ClientSampleId :
 PB86889BSD

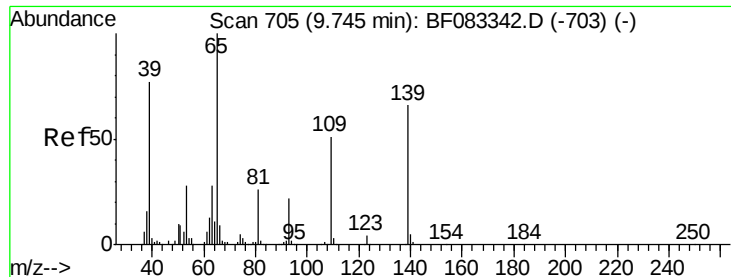
Tgt Ion:184 Resp: 284761
 Ion Ratio Lower Upper
 184 100
 63 99.9 69.0 103.6
 154 63.2 50.0 75.0



#54
 Dibenzofuran
 Concen: 40.30 ng
 RT: 9.79 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Tgt Ion:168 Resp: 1273433
 Ion Ratio Lower Upper
 168 100
 139 40.6 32.7 49.1
 169 14.1 11.1 16.7

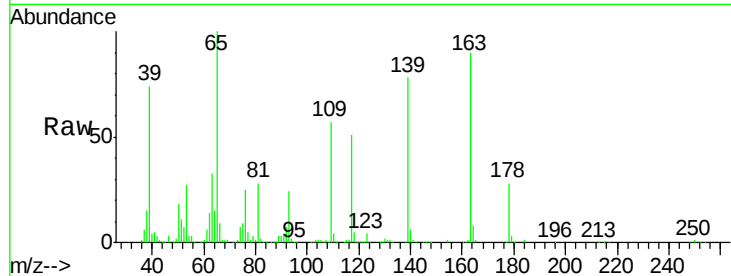




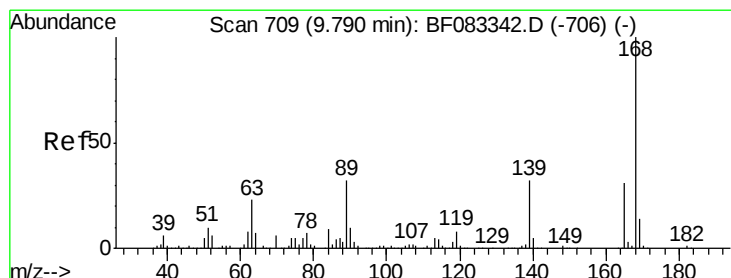
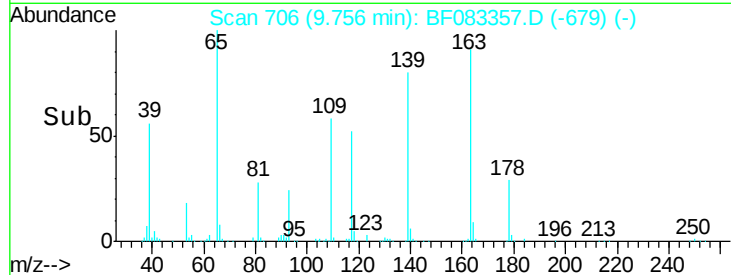
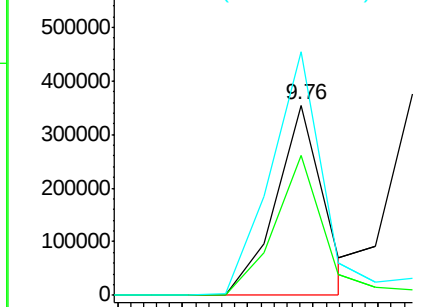
#55
4-Nitrophenol
Concen: 81.49 ng
RT: 9.76 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF083357.D
Acq: 1 Dec 2015 2:43

Instrument :
BNA_F
ClientSampleId :
PB86889BSD

Tgt Ion:139 Resp: 356610
Ion Ratio Lower Upper
139 100
109 73.6 57.4 97.4
65 128.0 131.6 171.6#

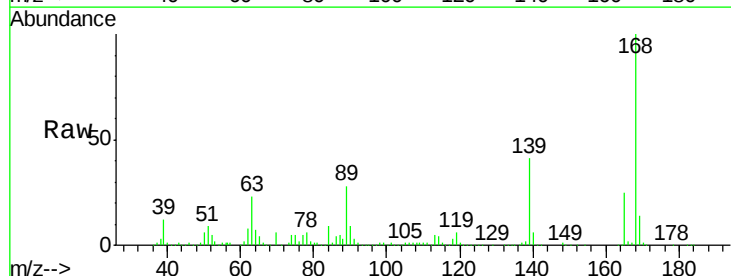


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

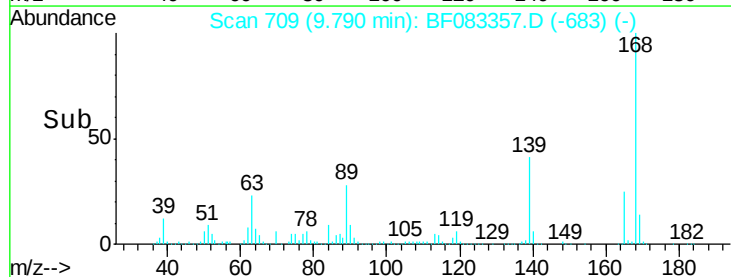
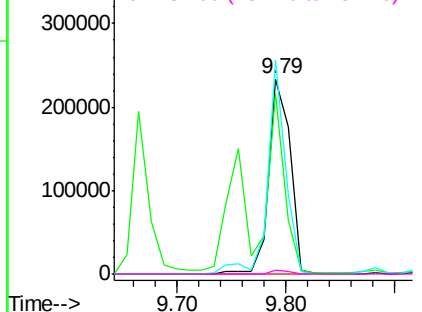


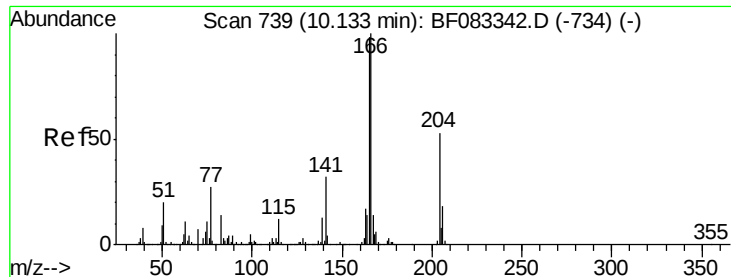
#56
2,4-Dinitrotoluene
Concen: 42.22 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083357.D
Acq: 1 Dec 2015 2:43

Tgt Ion:165 Resp: 319756
Ion Ratio Lower Upper
165 100
63 92.7 65.4 98.0
89 109.6 81.2 121.8
182 1.9 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

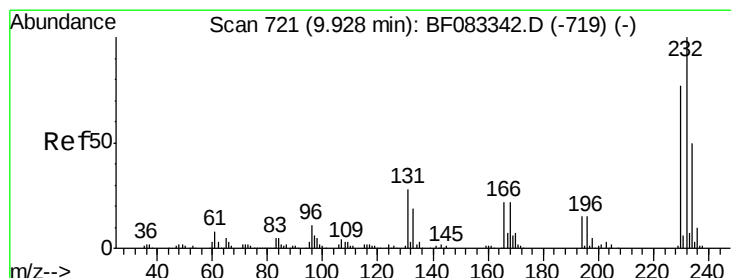
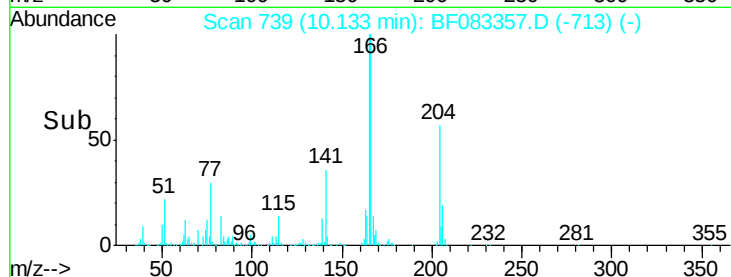
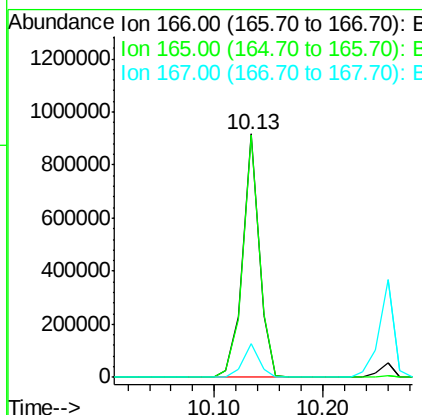
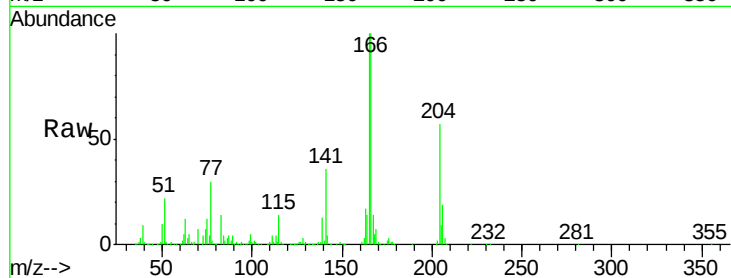




#57
 Fluorene
 Concen: 38.92 ng
 RT: 10.13 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

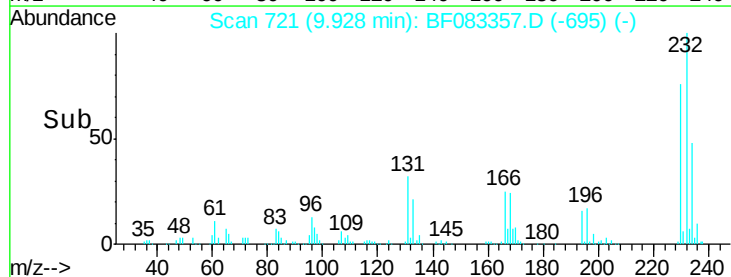
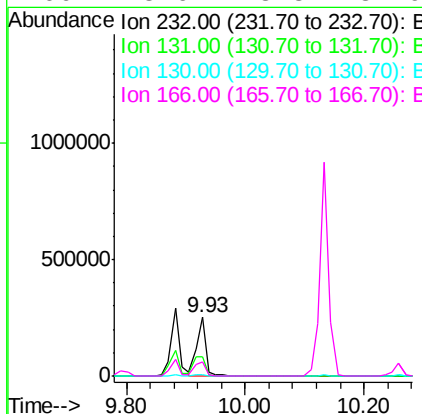
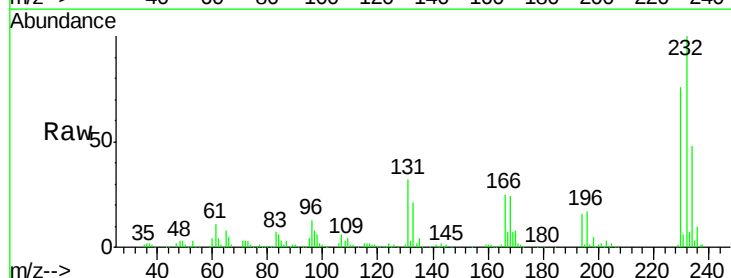
Instrument :
 BNA_F
 ClientSampleId :
 PB86889BSD

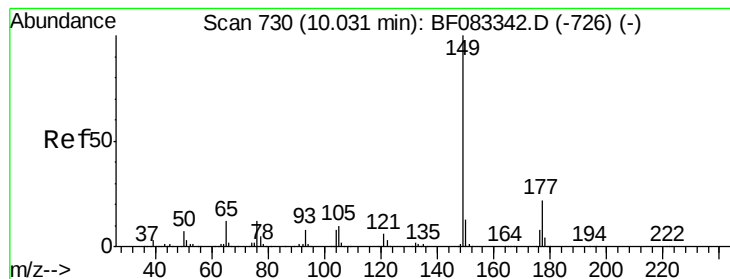
Tgt Ion:166 Resp: 971163
 Ion Ratio Lower Upper
 166 100
 165 99.7 78.3 117.5
 167 13.8 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.88 ng
 RT: 9.93 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Tgt Ion:232 Resp: 280482
 Ion Ratio Lower Upper
 232 100
 131 43.1 35.4 53.2
 130 1.9 1.7 2.5
 166 28.6 23.3 34.9





#59

Diethylphthalate

Concen: 39.50 ng

RT: 10.03 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

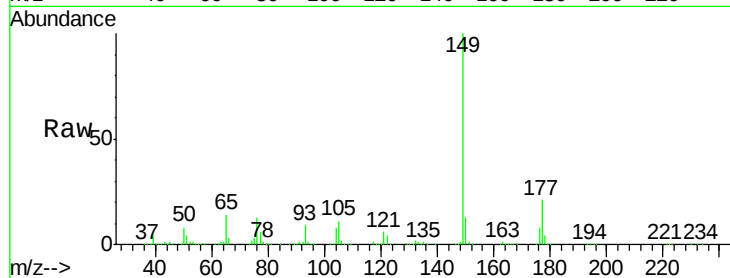
Tgt Ion:149 Resp: 1052223

Ion Ratio Lower Upper

149 100

177 20.9 17.4 26.2

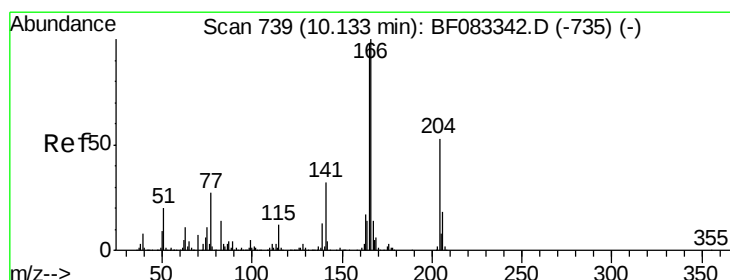
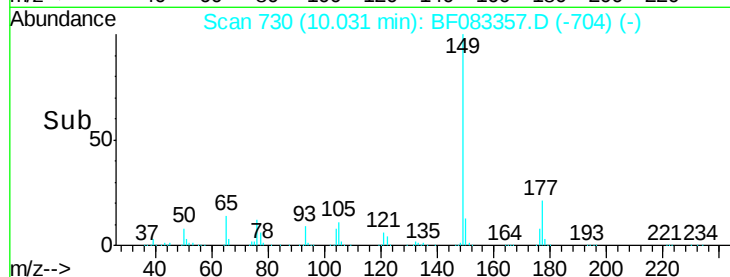
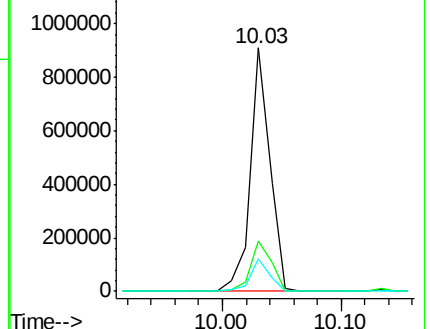
150 13.5 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.34 ng

RT: 10.13 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

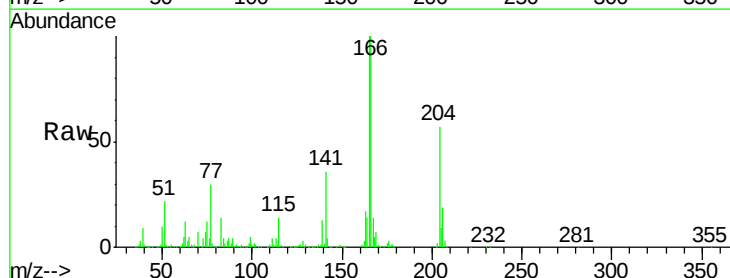
Tgt Ion:204 Resp: 473961

Ion Ratio Lower Upper

204 100

206 33.8 27.5 41.3

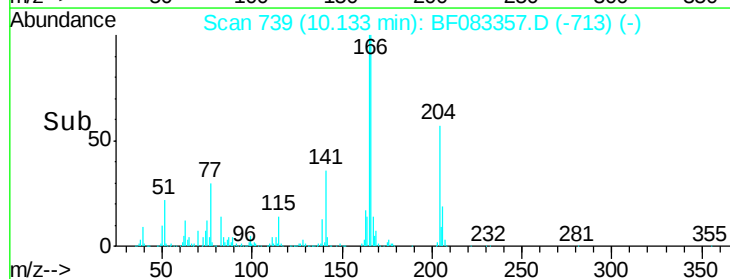
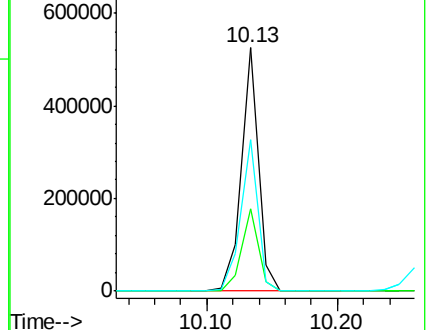
141 62.3 48.1 72.1

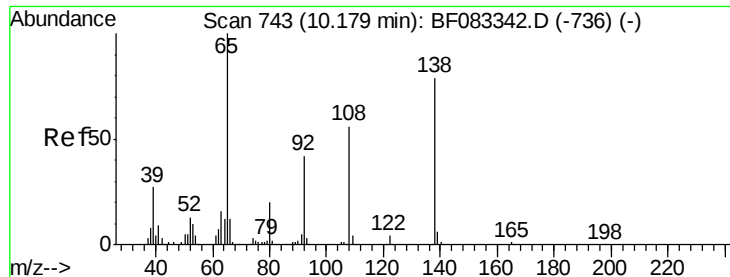


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

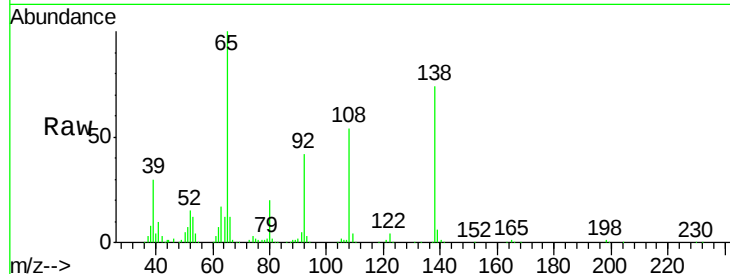




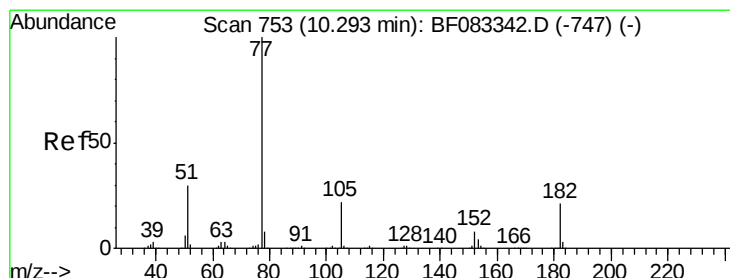
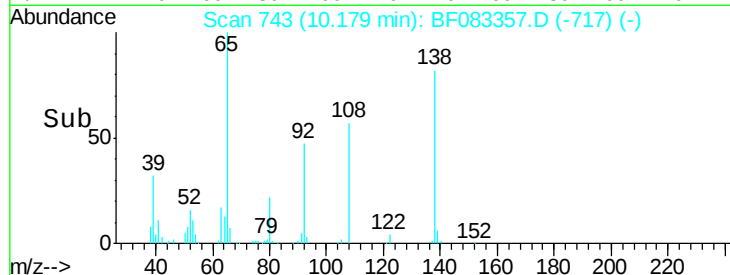
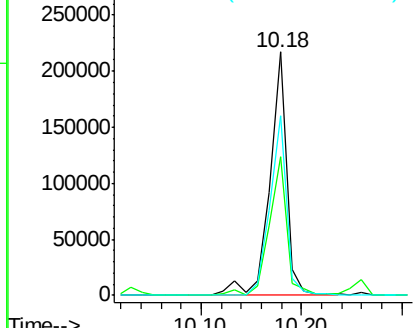
#61
4-Nitroaniline
Concen: 36.35 ng
RT: 10.18 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF083357.D
Acq: 1 Dec 2015 2:43

Instrument :
BNA_F
ClientSampleId :
PB86889BSD

Tgt Ion:138 Resp: 254438
Ion Ratio Lower Upper
138 100
92 57.0 33.6 73.6
108 73.5 51.0 91.0

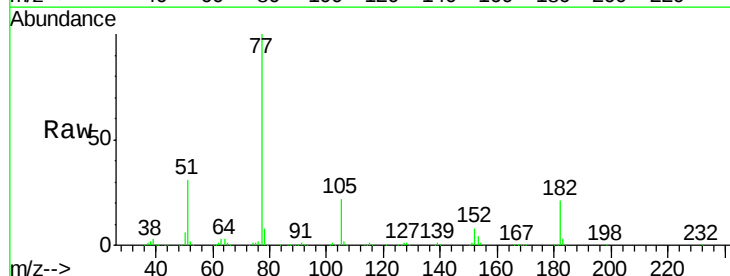


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

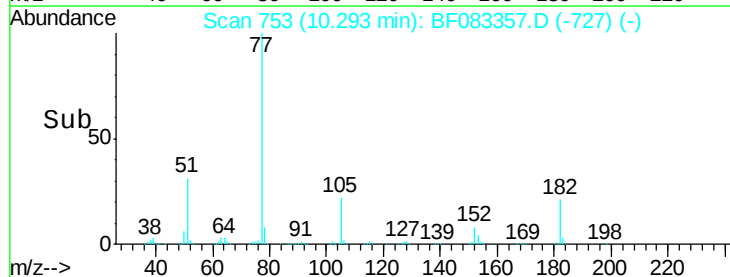
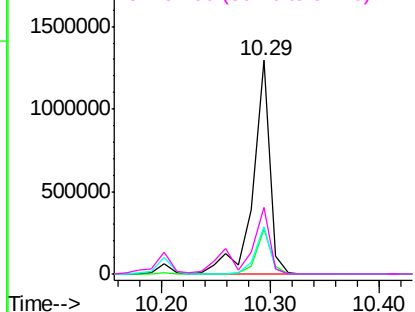


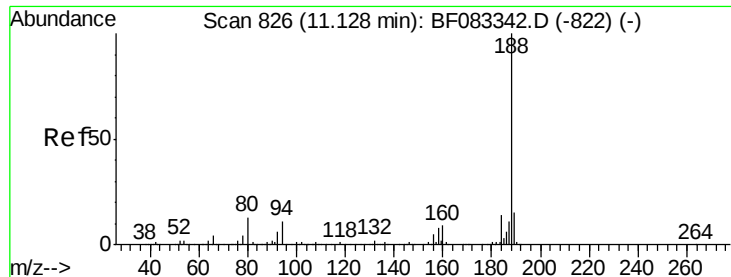
#62
Azobenzene
Concen: 43.38 ng
RT: 10.29 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF083357.D
Acq: 1 Dec 2015 2:43

Tgt Ion: 77 Resp: 1396098
Ion Ratio Lower Upper
77 100
182 20.9 0.8 40.8
105 22.1 2.3 42.3
51 31.1 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

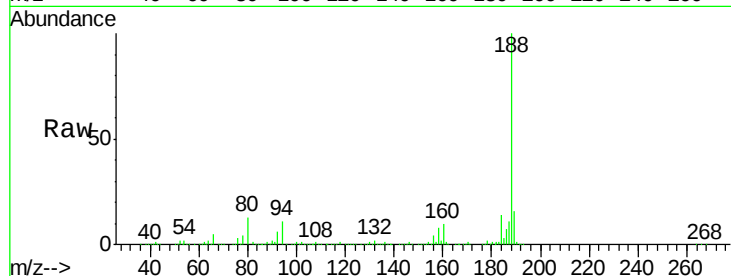




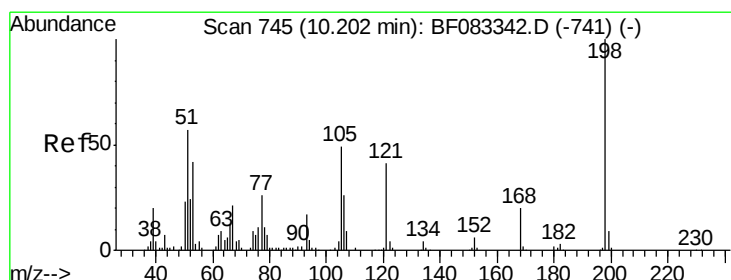
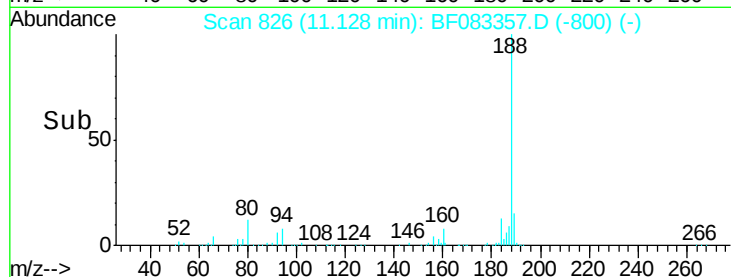
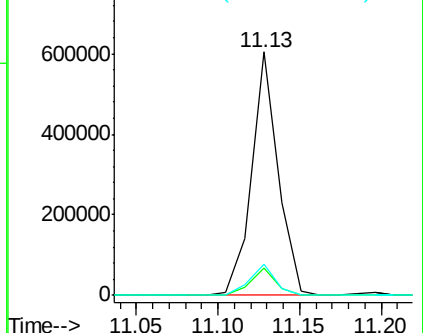
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083357.D
Acq: 1 Dec 2015 2:43

Instrument :
BNA_F
ClientSampleId :
PB86889BSD

Tgt Ion:188 Resp: 682713
Ion Ratio Lower Upper
188 100
94 11.2 8.7 13.1
80 12.9 10.3 15.5

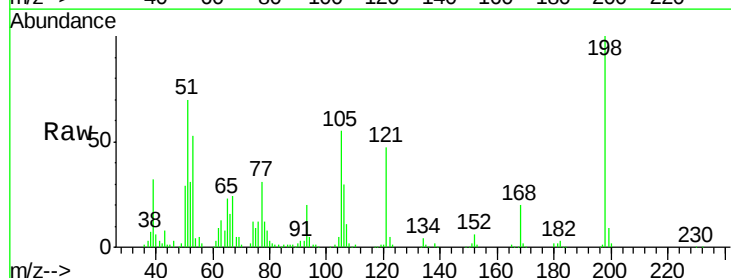


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

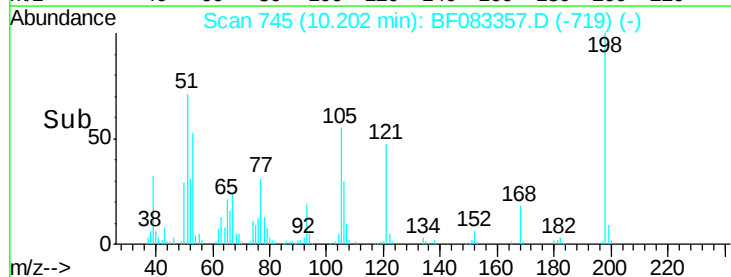
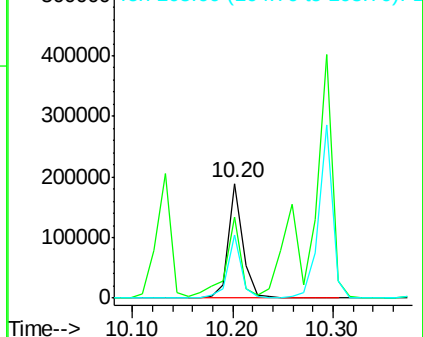


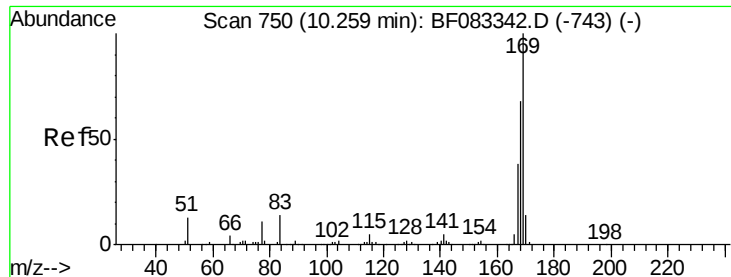
#64
4,6-Dinitro-2-methylphenol
Concen: 41.81 ng
RT: 10.20 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF083357.D
Acq: 1 Dec 2015 2:43

Tgt Ion:198 Resp: 191651
Ion Ratio Lower Upper
198 100
51 70.3 38.3 78.3
105 55.2 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: 39.46 ng

RT: 10.26 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

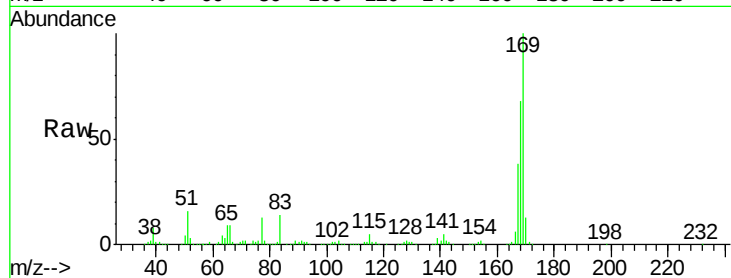
Tgt Ion:169 Resp: 946700

Ion Ratio Lower Upper

169 100

168 67.9 54.8 82.2

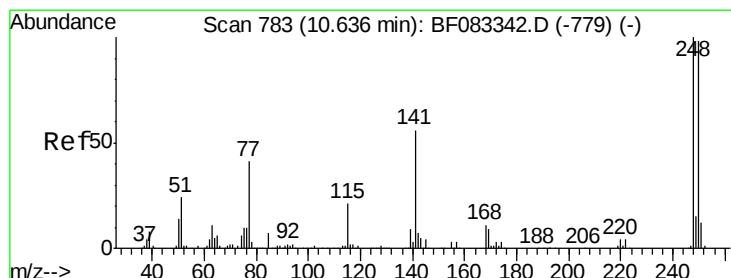
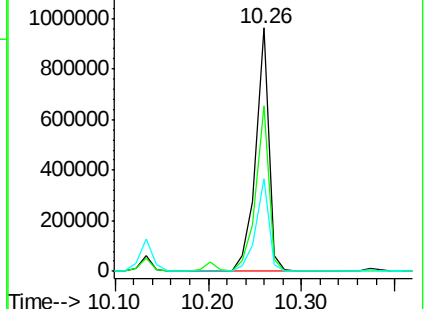
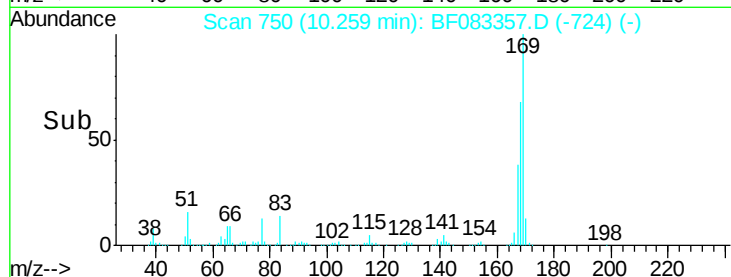
167 38.1 30.2 45.2



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: 41.62 ng

RT: 10.64 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

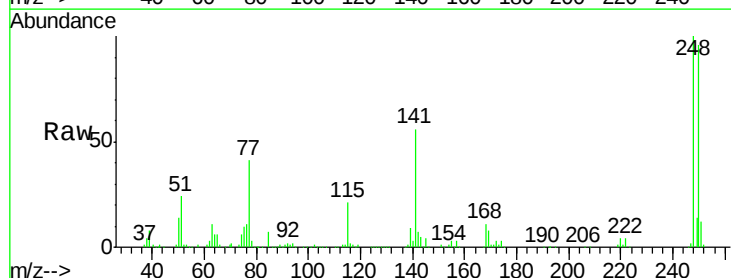
Tgt Ion:248 Resp: 310792

Ion Ratio Lower Upper

248 100

250 96.0 78.6 118.0

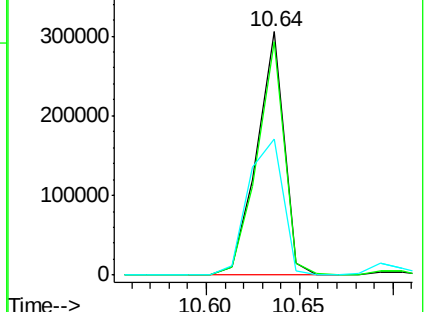
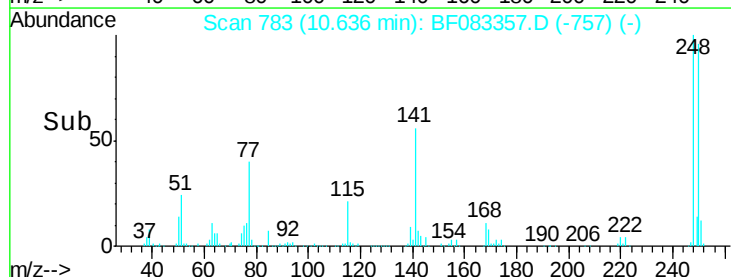
141 56.0 44.4 66.6

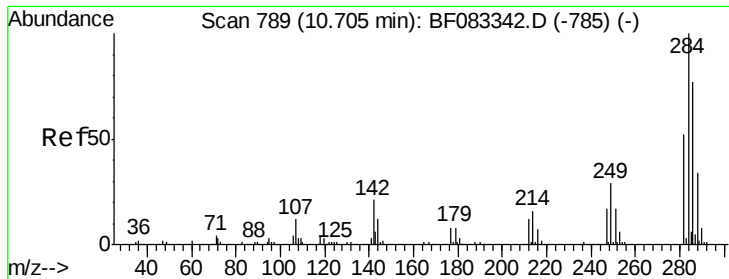


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

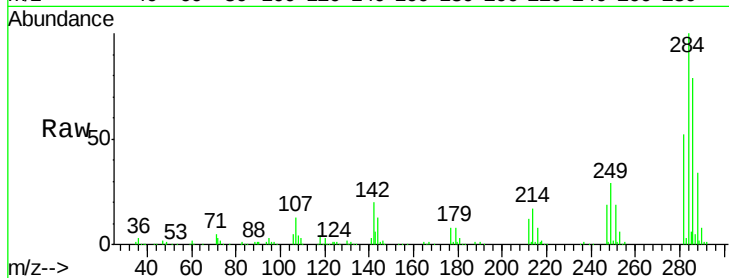




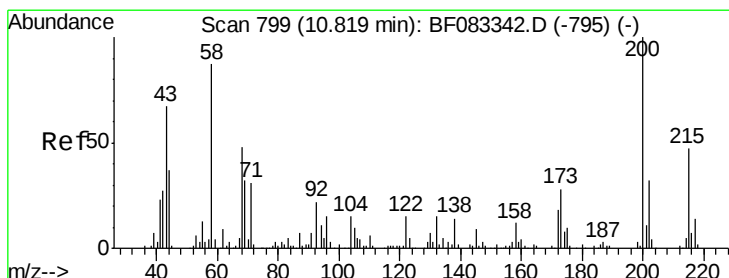
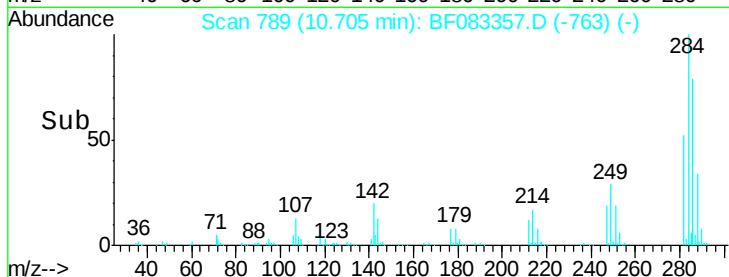
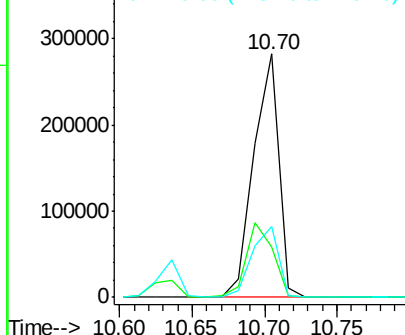
#67
Hexachlorobenzene
Concen: 41.22 ng
RT: 10.70 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF083357.D
Acq: 1 Dec 2015 2:43

Instrument :
BNA_F
ClientSampleId :
PB86889BSD

Tgt Ion:284 Resp: 340417
Ion Ratio Lower Upper
284 100
142 20.4 16.6 24.8
249 29.3 23.0 34.4

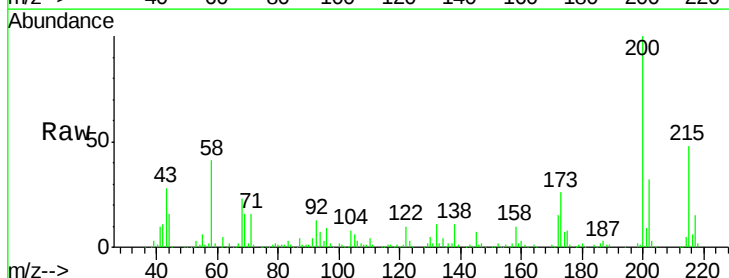


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

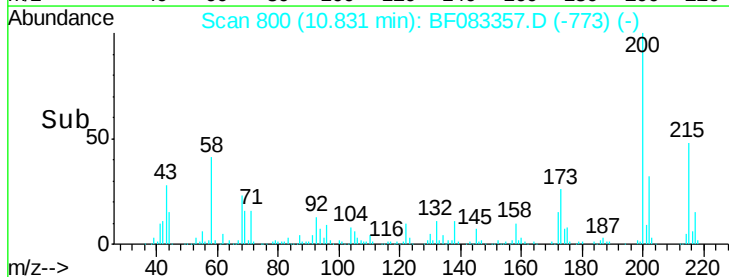
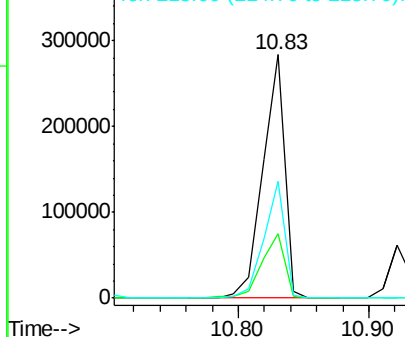


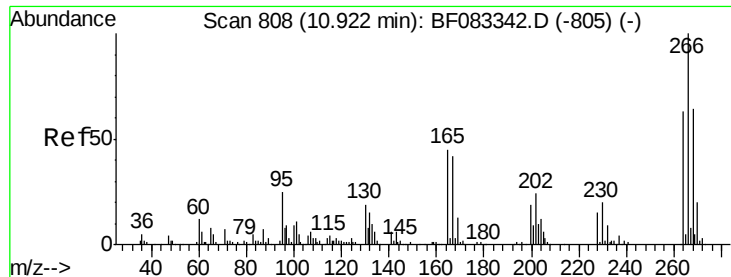
#68
Atrazine
Concen: 50.09 ng
RT: 10.83 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF083357.D
Acq: 1 Dec 2015 2:43

Tgt Ion:200 Resp: 332370
Ion Ratio Lower Upper
200 100
173 26.3 8.3 48.3
215 48.3 26.7 66.7



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

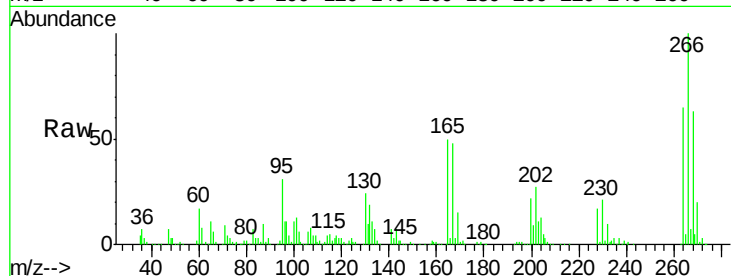




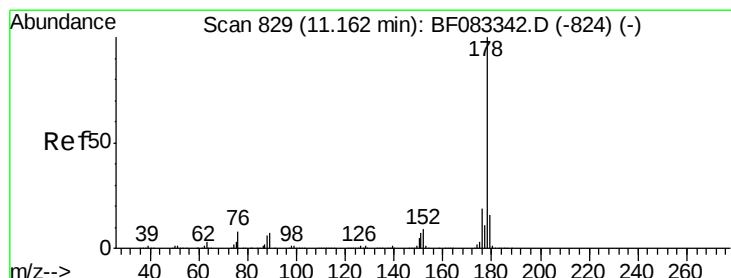
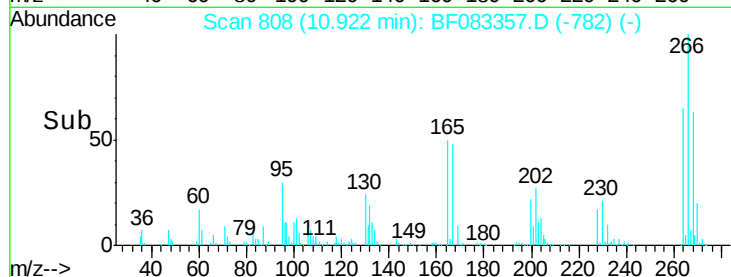
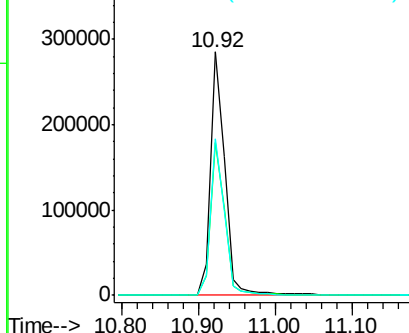
#69
 Pentachlorophenol
 Concen: 84.55 ng
 RT: 10.92 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BSD

Tgt Ion:266 Resp: 365712
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.5 77.3
 264 64.6 50.4 75.6

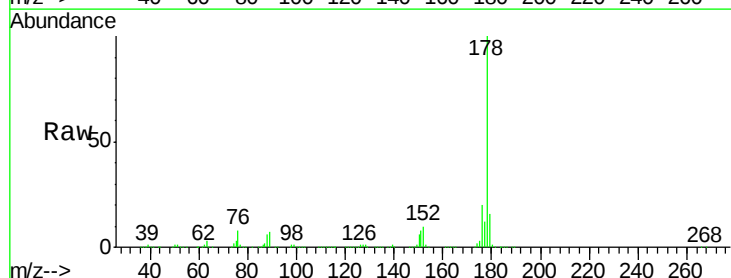


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

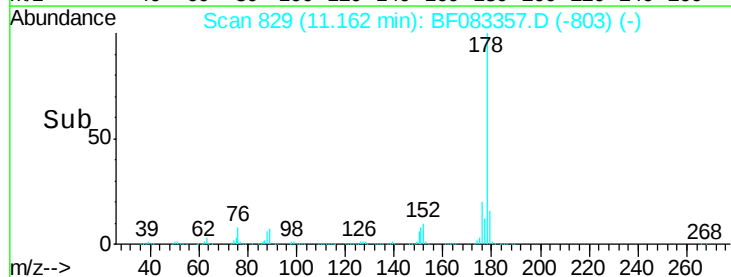
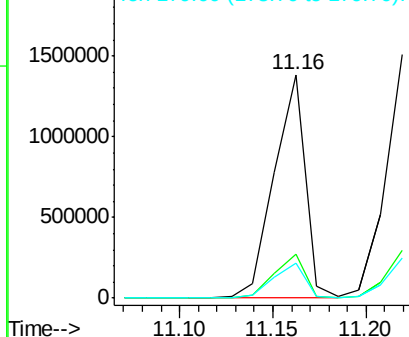


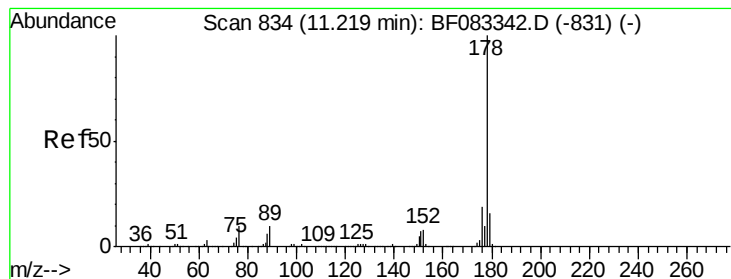
#70
 Phenanthrene
 Concen: 39.95 ng
 RT: 11.16 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Tgt Ion:178 Resp: 1614182
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.3 22.9
 179 15.6 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: 39.22 ng

RT: 11.22 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

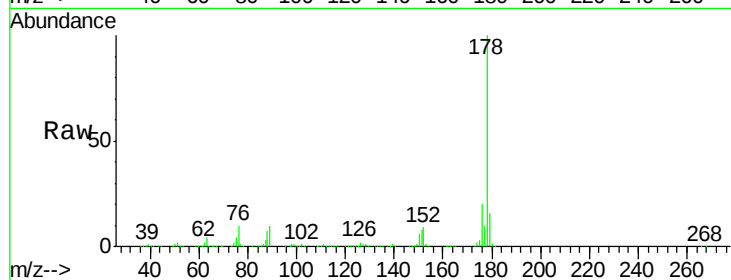
Tgt Ion:178 Resp: 1595114

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

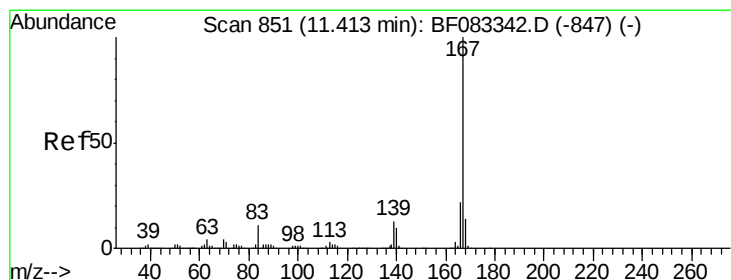
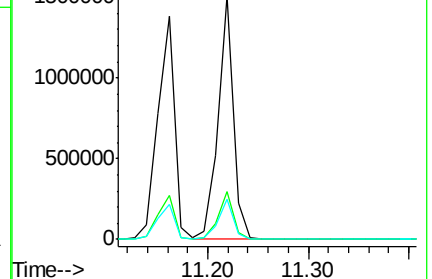
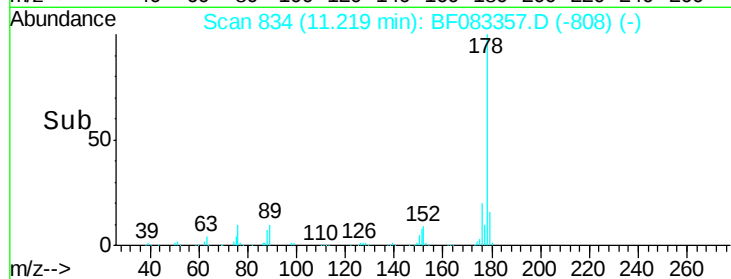
179 16.3 12.8 19.2



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: 39.13 ng

RT: 11.41 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

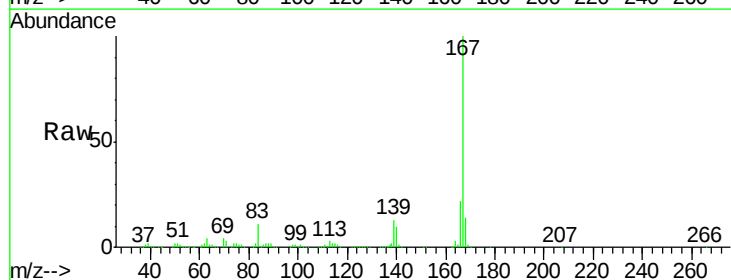
Tgt Ion:167 Resp: 1430043

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

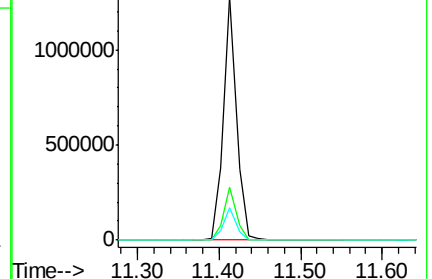
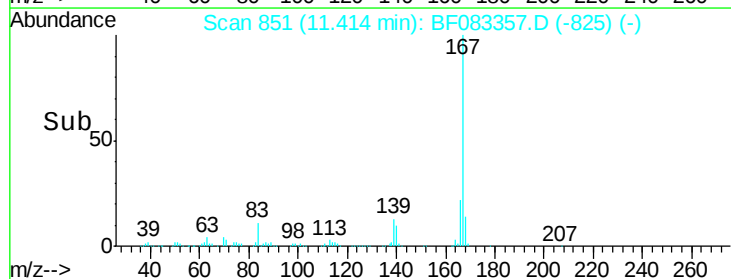
139 13.4 10.5 15.7

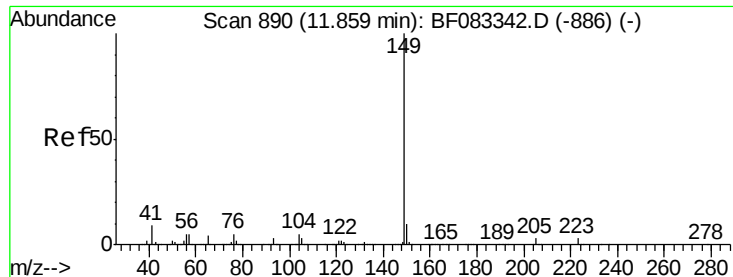


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.24 ng

RT: 11.86 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

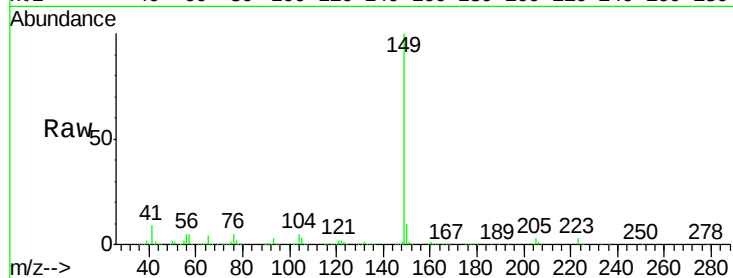
Tgt Ion:149 Resp: 1786002

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

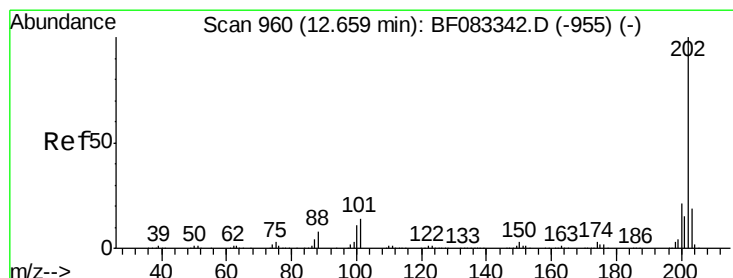
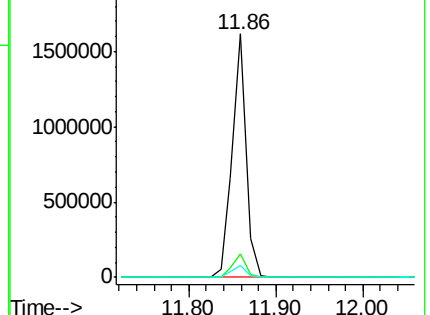
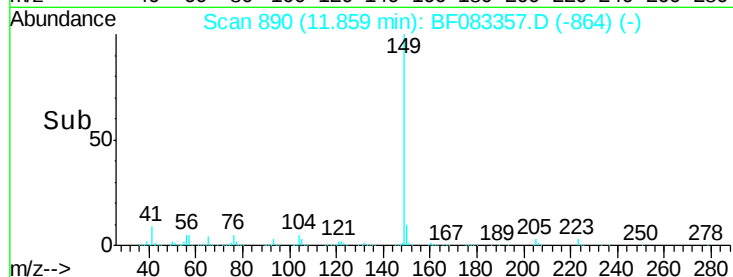
104 5.1 4.0 6.0



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: 40.37 ng

RT: 12.66 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

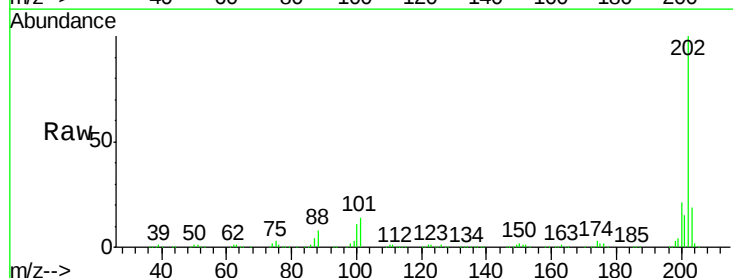
Tgt Ion:202 Resp: 1690738

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.5

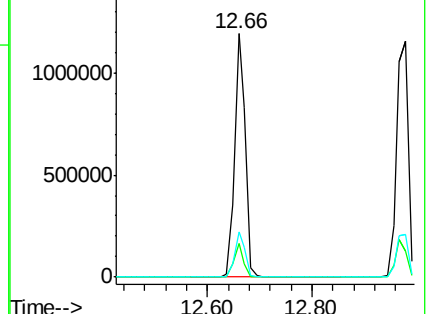
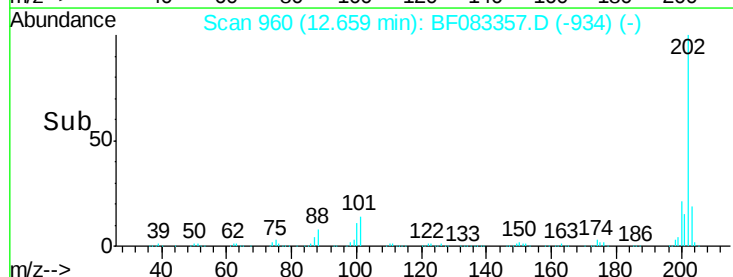
203 18.5 0.0 38.7

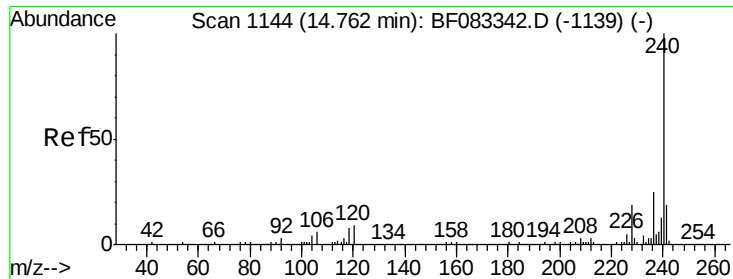


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

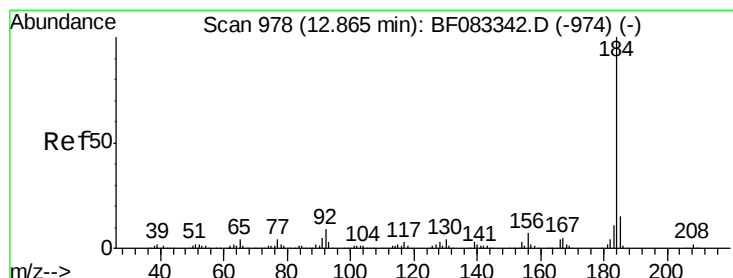
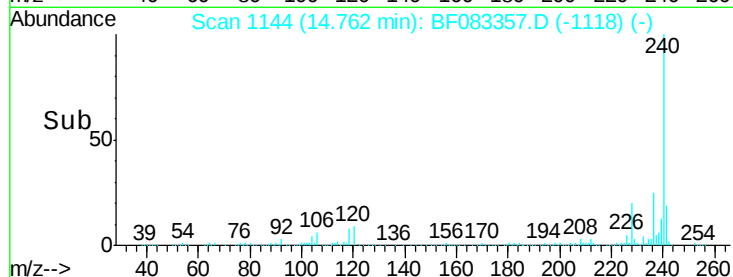
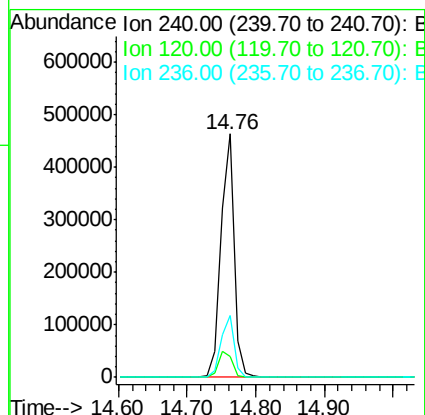
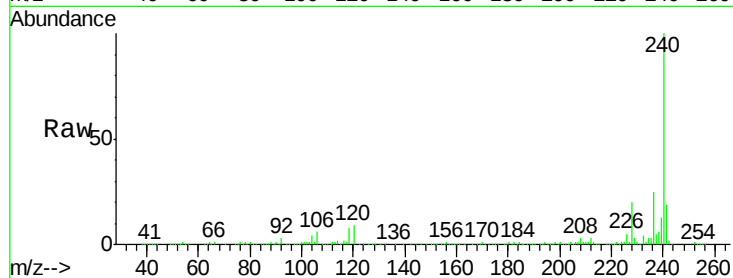




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

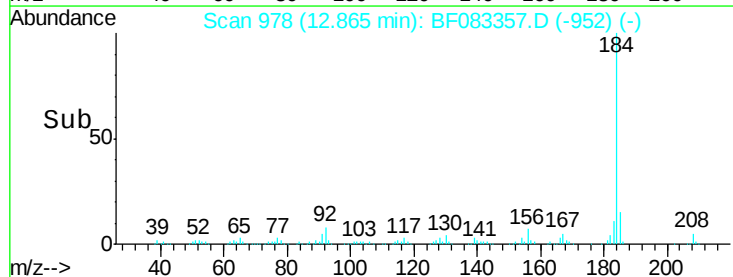
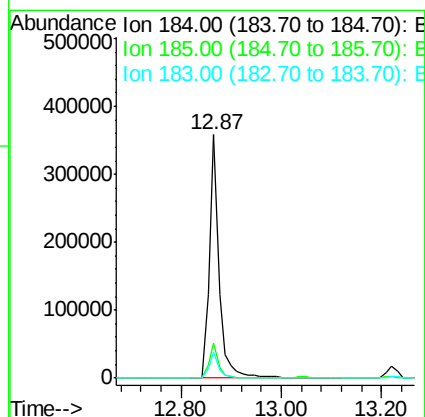
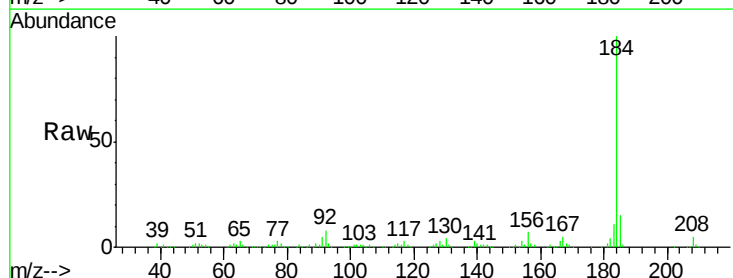
Instrument :
 BNA_F
 ClientSampleId :
 PB86889BSD

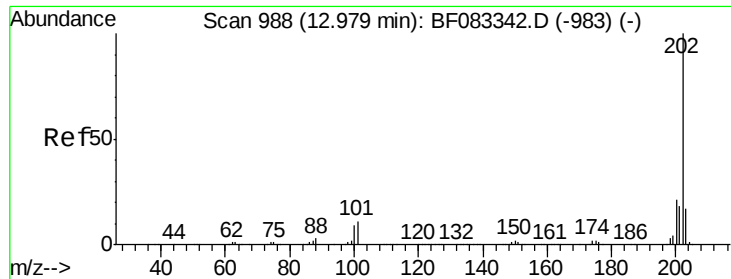
Tgt Ion:240 Resp: 633293
 Ion Ratio Lower Upper
 240 100
 120 8.7 6.9 10.3
 236 25.2 19.8 29.6



#76
 Benzidine
 Concen: 25.69 ng
 RT: 12.87 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Tgt Ion:184 Resp: 484490
 Ion Ratio Lower Upper
 184 100
 185 14.6 12.4 18.6
 183 10.7 9.0 13.4

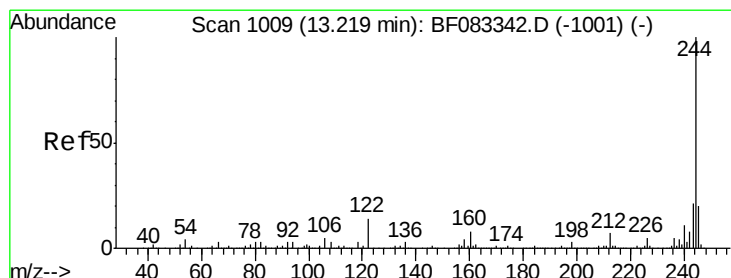
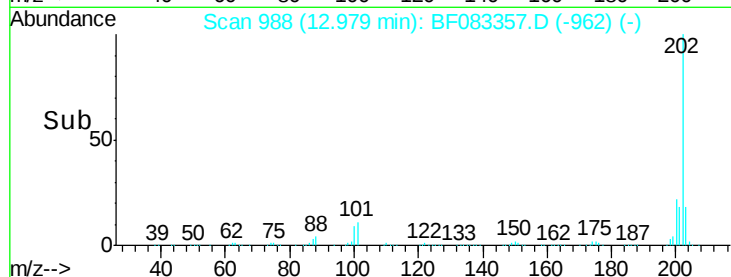
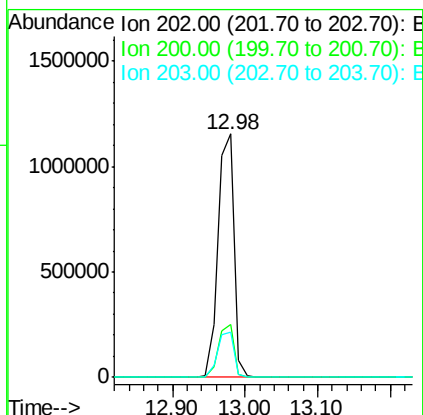
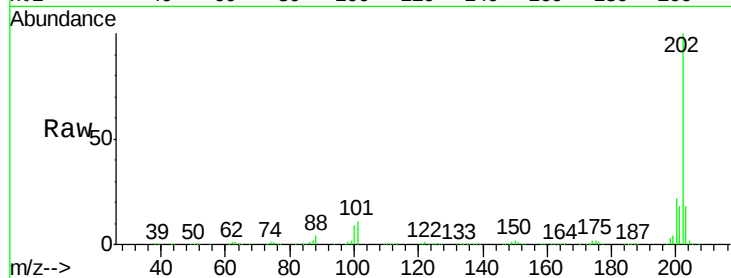




#77
 Pyrene
 Concen: 39.94 ng
 RT: 12.98 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

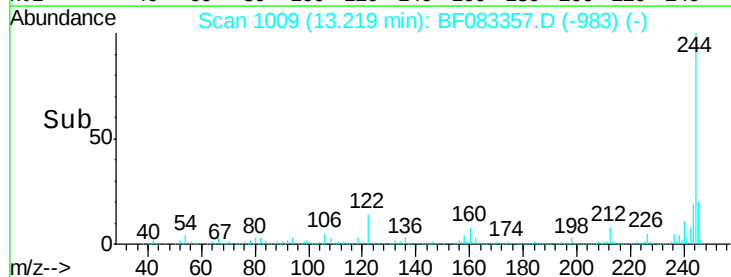
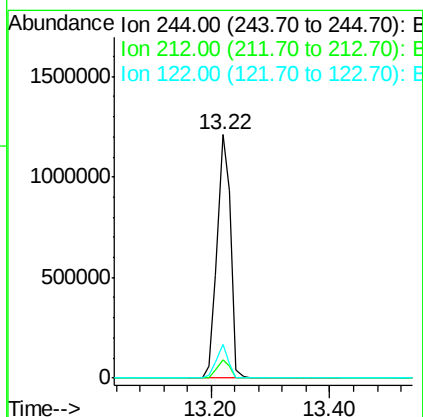
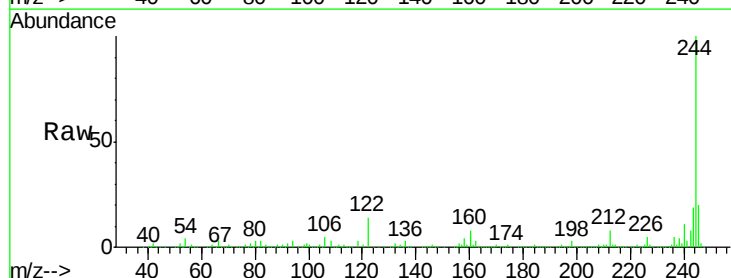
Instrument :
 BNA_F
 ClientSampleId :
 PB86889BSD

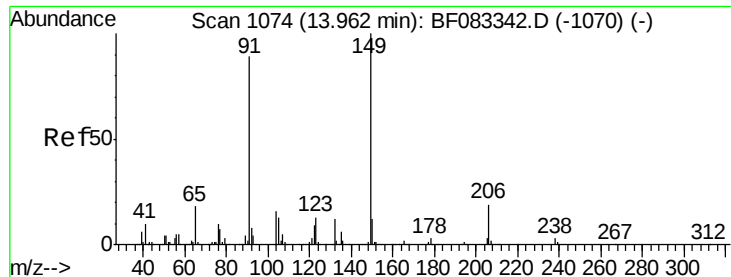
Tgt Ion:202 Resp: 1766386
 Ion Ratio Lower Upper
 202 100
 200 21.6 16.9 25.3
 203 18.3 13.9 20.9



#78
 Terphenyl-d14
 Concen: 71.56 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Tgt Ion:244 Resp: 1900315
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 13.7 11.0 16.4





#79

Butylbenzylphthalate

Concen: 41.95 ng

RT: 13.96 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

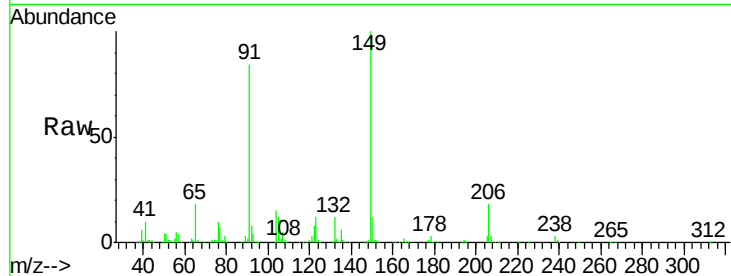
Tgt Ion:149 Resp: 787102

Ion Ratio Lower Upper

149 100

91 84.1 71.4 107.2

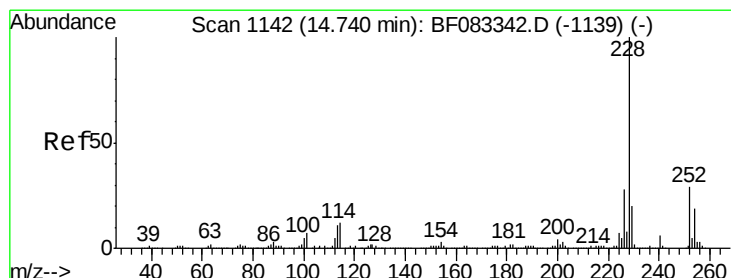
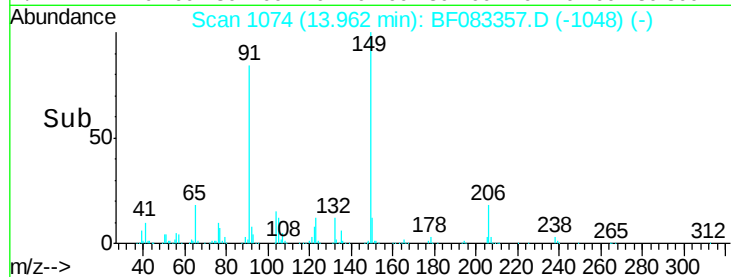
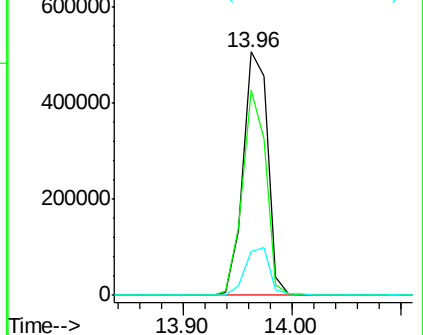
206 18.1 15.1 22.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.90 ng

RT: 14.74 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

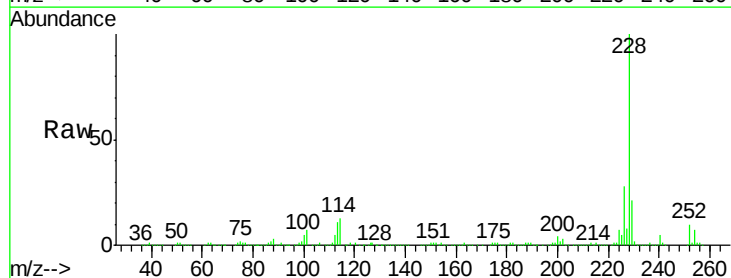
Tgt Ion:228 Resp: 1547889

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.4

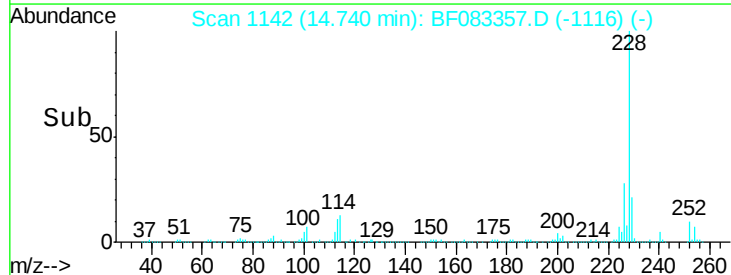
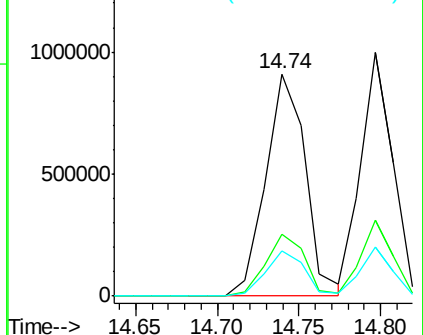
229 20.6 16.1 24.1

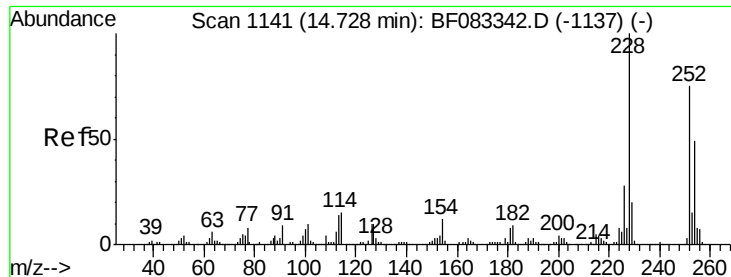


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

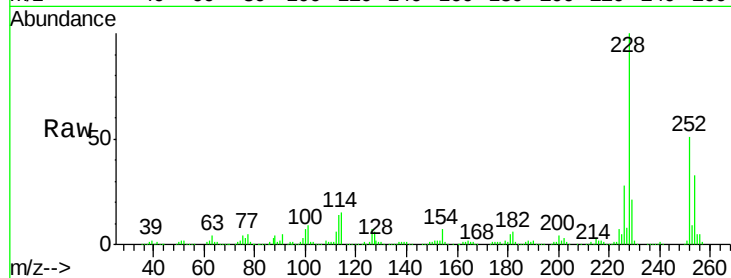




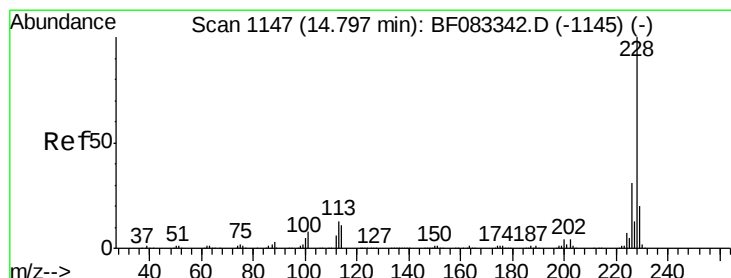
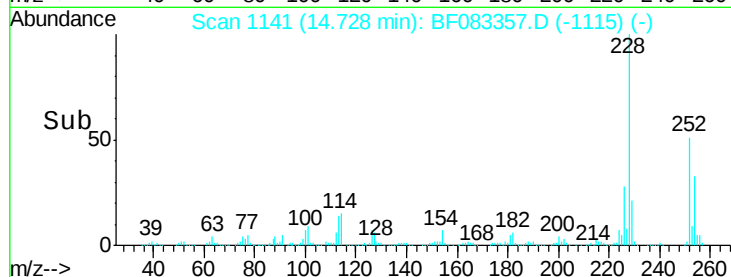
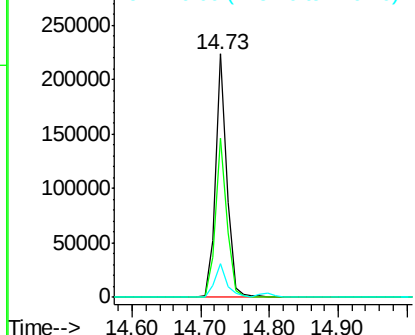
#81
 3,3'-Dichlorobenzidine
 Concen: 21.70 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BSD

Tgt Ion: 252 Resp: 262970
 Ion Ratio Lower Upper
 252 100
 254 65.2 52.0 78.0
 126 13.8 10.7 16.1

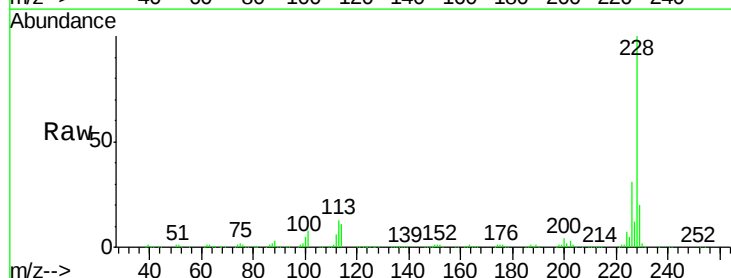


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

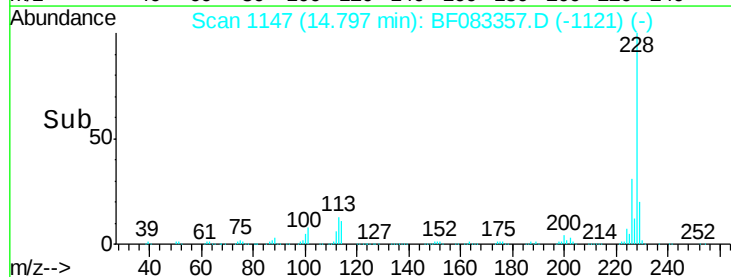
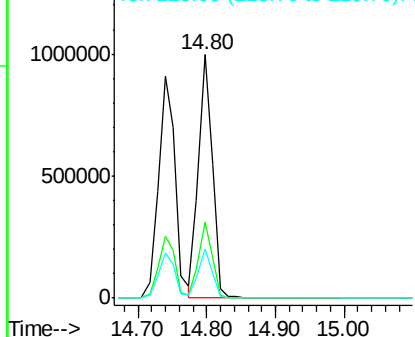


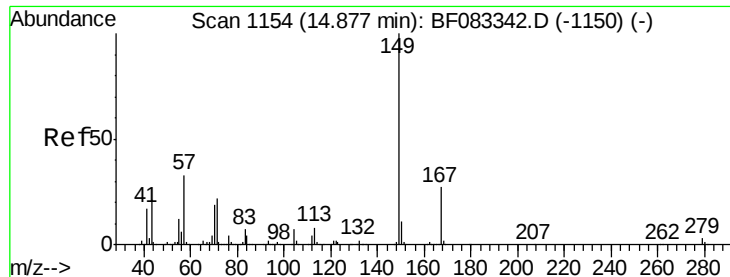
#82
 Chrysene
 Concen: 36.81 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Tgt Ion: 228 Resp: 1379987
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.6 37.0
 229 20.3 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: 42.50 ng

RT: 14.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

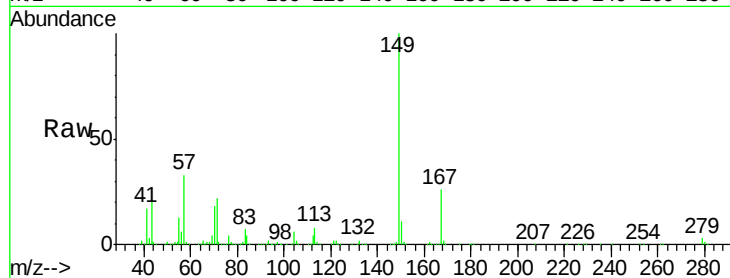
Tgt Ion:149 Resp: 1069627

Ion Ratio Lower Upper

149 100

167 26.4 21.5 32.3

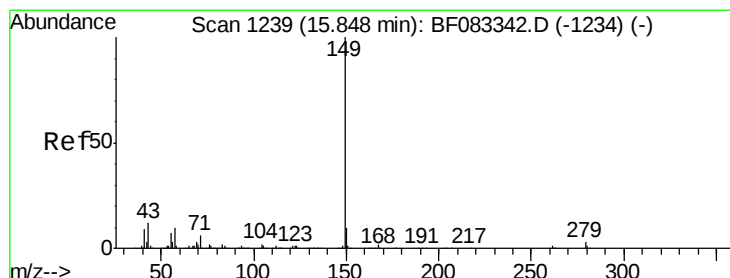
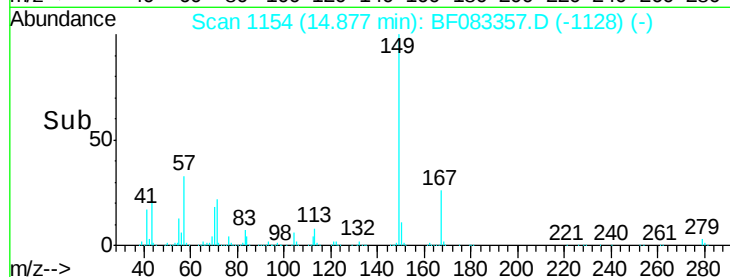
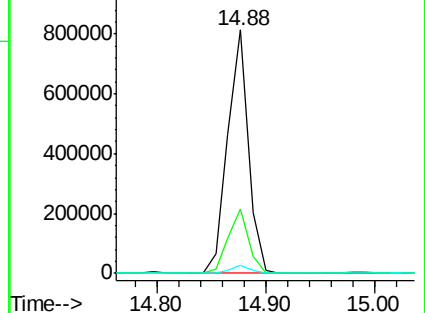
279 3.1 2.6 3.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.14 ng

RT: 15.85 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

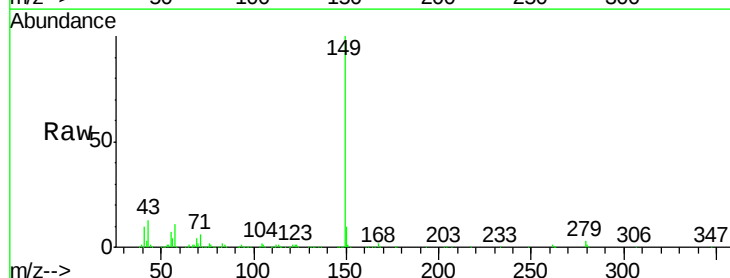
Tgt Ion:149 Resp: 1654140

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

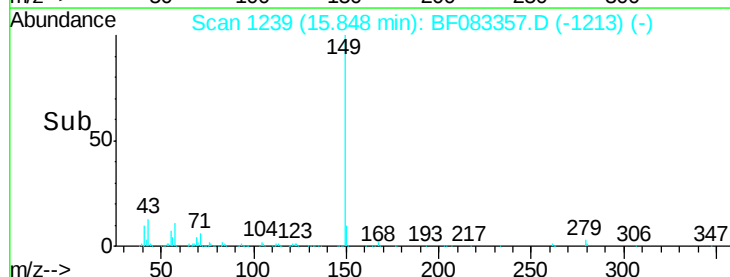
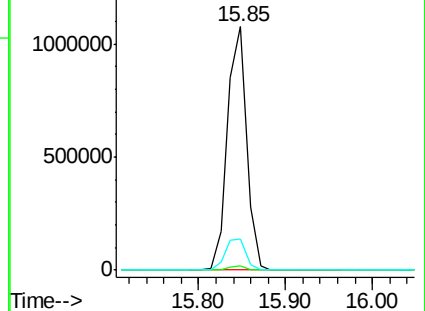
43 13.8 11.0 16.6

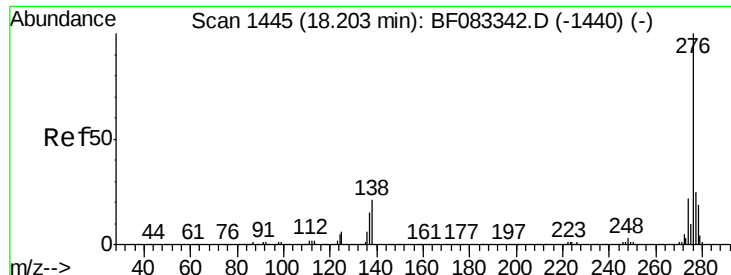


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

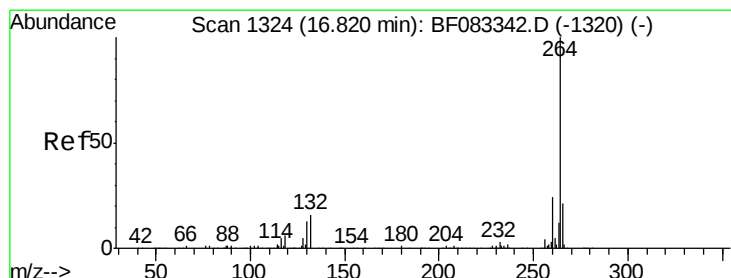
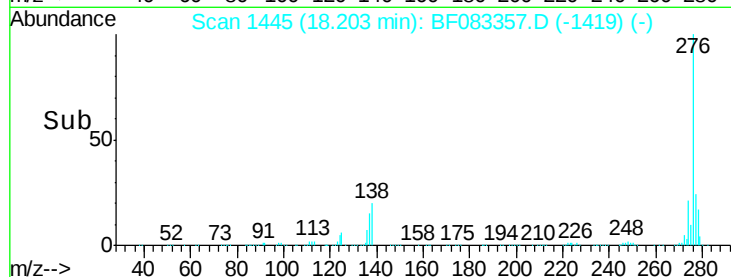
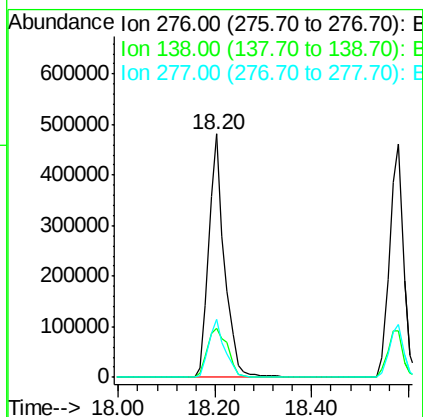
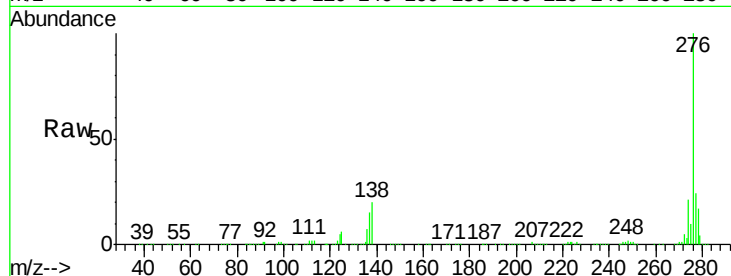




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.26 ng
 RT: 18.20 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

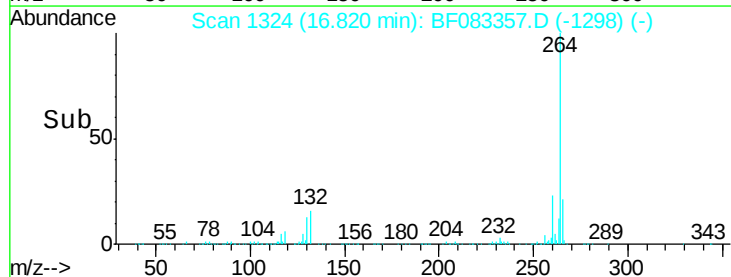
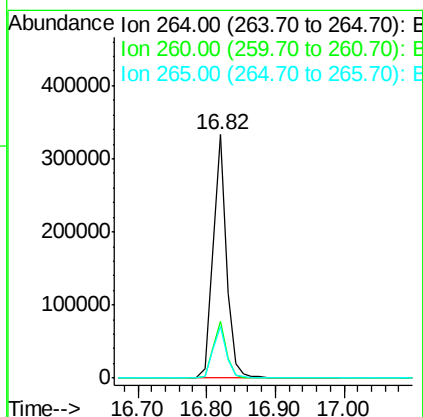
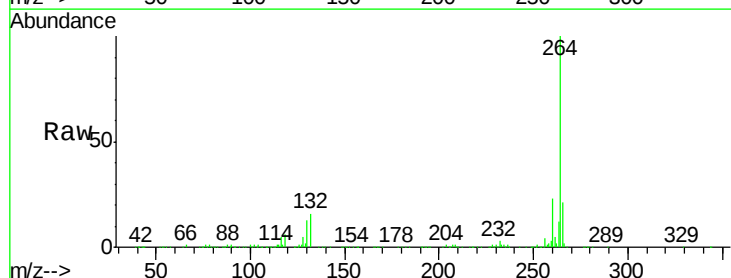
Instrument :
 BNA_F
 ClientSampleId :
 PB86889BSD

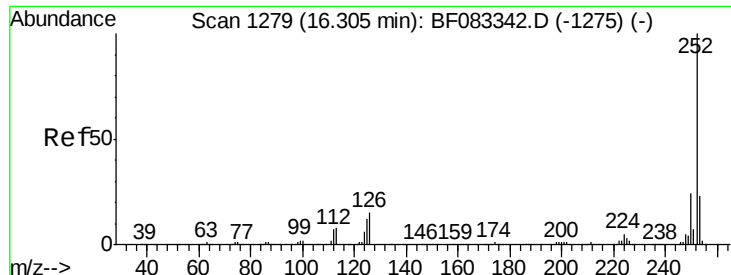
Tgt Ion:276 Resp: 1099146
 Ion Ratio Lower Upper
 276 100
 138 26.2 21.2 31.8
 277 24.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Tgt Ion:264 Resp: 459869
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.1 16.8 25.2

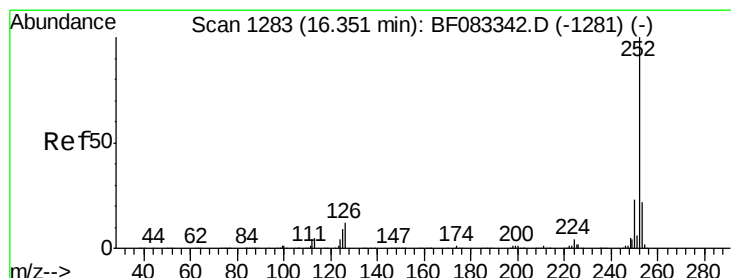
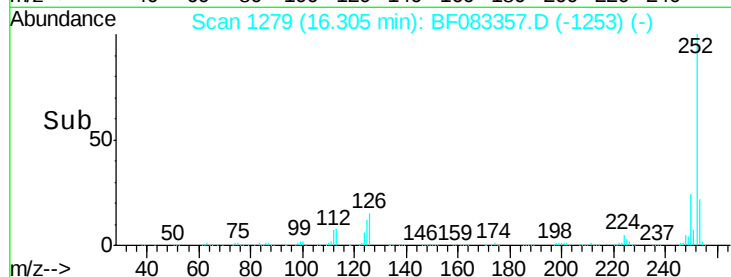
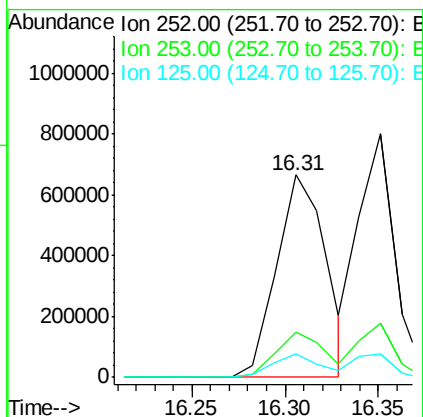
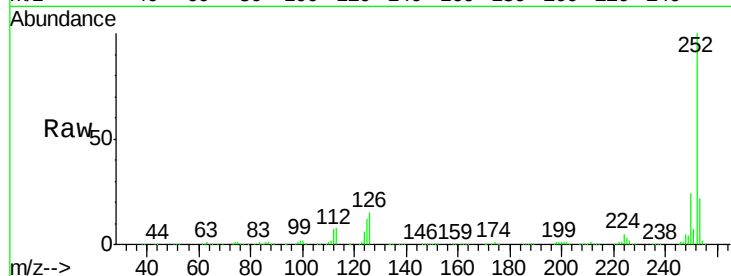




#87
Benzo(b)fluoranthene
Concen: 41.65 ng
RT: 16.31 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF083357.D
Acq: 1 Dec 2015 2:43

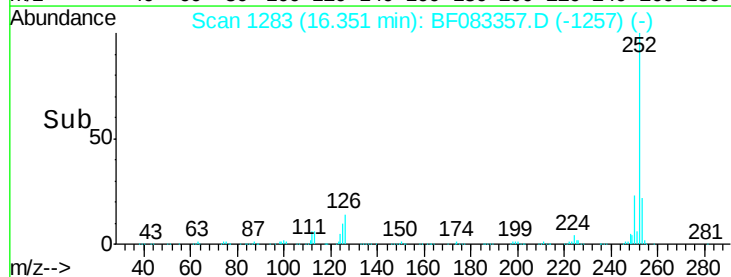
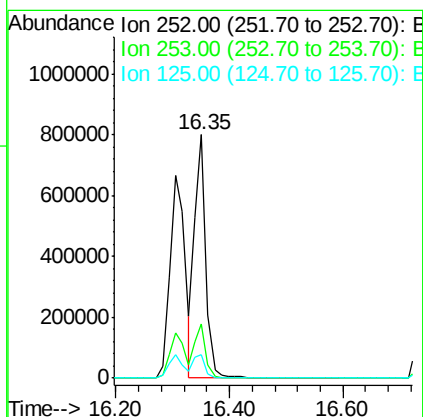
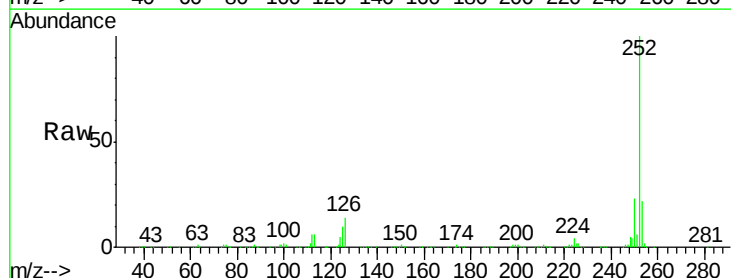
Instrument :
BNA_F
ClientSampleId :
PB86889BSD

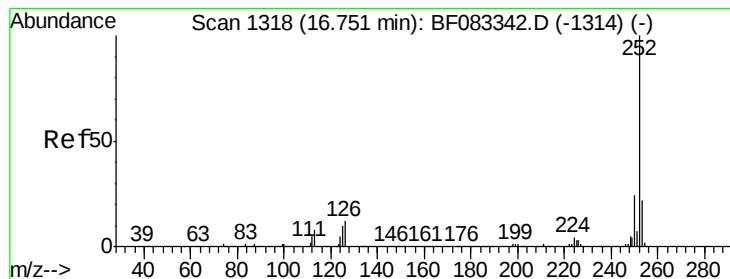
Tgt Ion:252 Resp: 1229005
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 11.7 9.6 14.4



#88
Benzo(k)fluoranthene
Concen: 39.33 ng
RT: 16.35 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF083357.D
Acq: 1 Dec 2015 2:43

Tgt Ion:252 Resp: 1095765
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.9 7.5 11.3





#89

Benzo(a)pyrene

Concen: 42.27 ng

RT: 16.75 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

Instrument :

BNA_F

ClientSampleId :

PB86889BSD

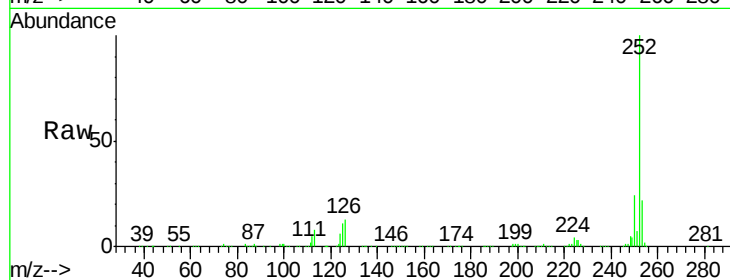
Tgt Ion:252 Resp: 1071231

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

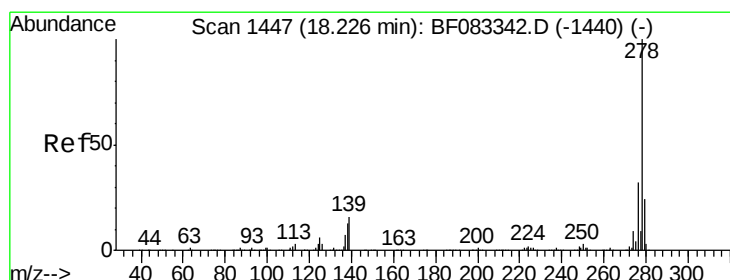
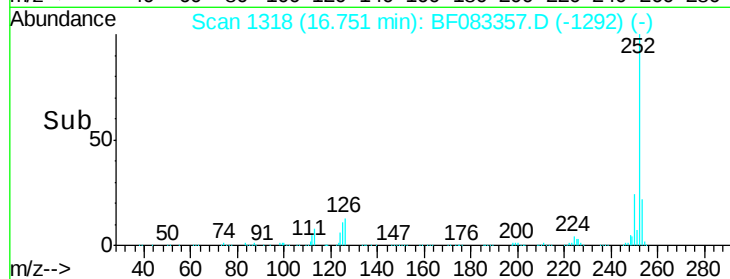
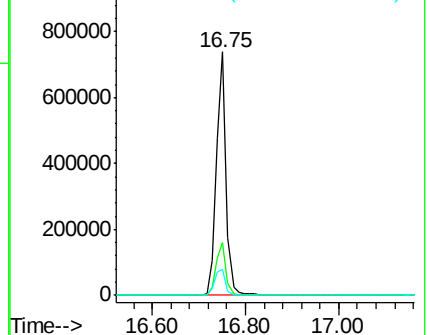
125 10.9 7.8 11.8



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: 41.67 ng

RT: 18.23 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF083357.D

Acq: 1 Dec 2015 2:43

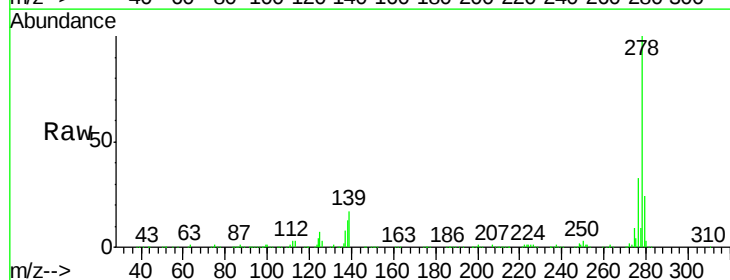
Tgt Ion:278 Resp: 920252

Ion Ratio Lower Upper

278 100

139 17.4 13.1 19.7

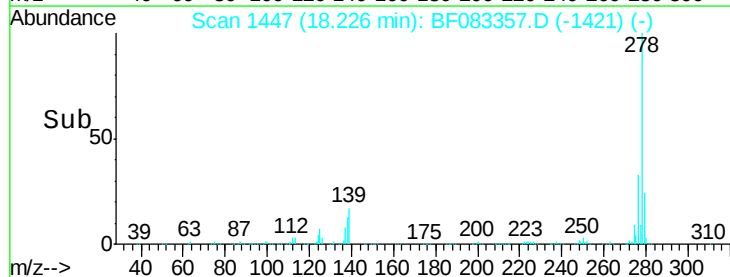
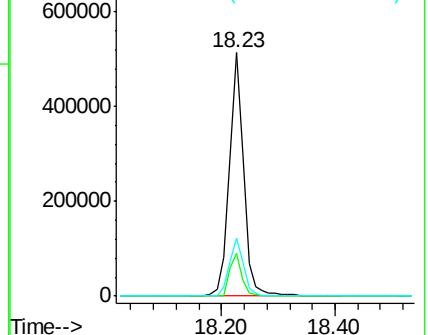
279 24.1 19.2 28.8

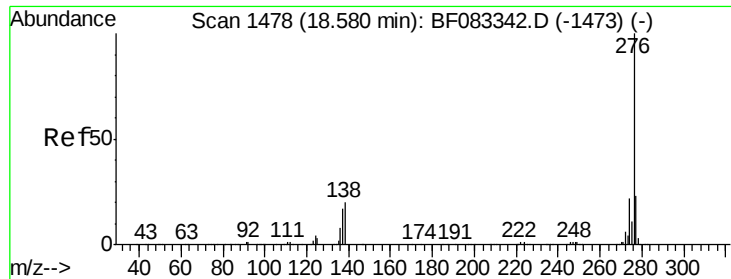


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

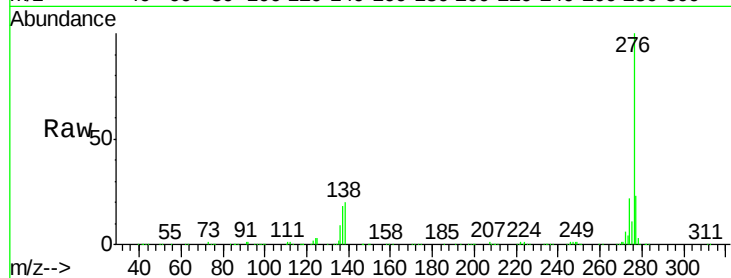




#91
 Benzo(g,h,i)perylene
 Concen: 43.10 ng
 RT: 18.58 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BF083357.D
 Acq: 1 Dec 2015 2:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BSD

Tgt Ion: 276 Resp: 934276
 Ion Ratio Lower Upper
 276 100
 277 22.9 18.6 28.0
 138 19.8 16.1 24.1



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

