

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083362.D
 Acq On : 1 Dec 2015 5:15
 Operator : UM/IZ
 Sample : PB86923BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Quant Time: Dec 01 06:10:19 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	170004	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	671891	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	353443	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	694375	20.00	ng	0.00
75) Chrysene-d12	14.76	240	609096	20.00	ng	0.00
86) Perylene-d12	16.82	264	445791	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1263403	111.52	ng	0.01
7) Phenol-d6	6.22	99	1717823	110.78	ng	0.00
23) Nitrobenzene-d5	7.13	82	1119189	73.22	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	382215	107.73	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1742456	70.25	ng	0.00
78) Terphenyl-d14	13.22	244	1862893	72.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	169441	27.62	ng	# 83
3) Pyridine	2.65	79	455467	29.68	ng	98
4) n-Nitrosodimethylamine	2.60	42	274543	36.35	ng	98
6) Aniline	6.21	93	384471	18.12	ng	# 87
8) 2-Chlorophenol	6.34	128	457366	36.60	ng	97
9) Benzaldehyde	6.09	77	239629	30.38	ng	98
10) Phenol	6.24	94	700859	37.56	ng	98
11) bis(2-Chloroethyl)ether	6.29	93	481810	35.50	ng	98
12) 1,3-Dichlorobenzene	6.49	146	486500	35.02	ng	99
13) 1,4-Dichlorobenzene	6.57	146	510232	35.54	ng	99
14) 1,2-Dichlorobenzene	6.57	146	510290	38.74	ng	96
15) Benzyl Alcohol	6.72	79	448280	37.40	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	875092	36.74	ng	# 42
17) 2-Methylphenol	6.84	107	391880	37.62	ng	98
18) Hexachloroethane	7.06	117	174225	34.94	ng	95
19) n-Nitroso-di-n-propylamine	6.98	70	365612	32.98	ng	# 88
20) 3+4-Methylphenols	7.00	107	526907	37.35	ng	99
22) Acetophenone	6.97	105	669573	33.31	ng	# 92
24) Nitrobenzene	7.14	77	525298	32.18	ng	# 86
25) Isophorone	7.39	82	995428	33.62	ng	98
26) 2-Nitrophenol	7.46	139	227140	34.09	ng	92
27) 2,4-Dimethylphenol	7.53	122	403987	36.17	ng	97
28) bis(2-Chloroethoxy)methane	7.61	93	620157	36.78	ng	99
29) 2,4-Dichlorophenol	7.71	162	400633	37.30	ng	97
30) 1,2,4-Trichlorobenzene	7.78	180	390960	33.44	ng	# 97
31) Naphthalene	7.86	128	1273426	34.93	ng	99
32) Benzoic acid	7.68	122	250148	32.47	ng	98
33) 4-Chloroaniline	7.93	127	170515	10.85	ng	99
34) Hexachlorobutadiene	7.98	225	232565	35.03	ng	97
35) Caprolactam	8.30	113	89071	26.24	ng	# 69
36) 4-Chloro-3-methylphenol	8.43	107	463740	38.49	ng	90
37) 2-Methylnaphthalene	8.54	142	826953	33.94	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	356264	31.80	ng	96
40) Hexachlorocyclopentadiene	8.70	237	369666	69.46	ng	98

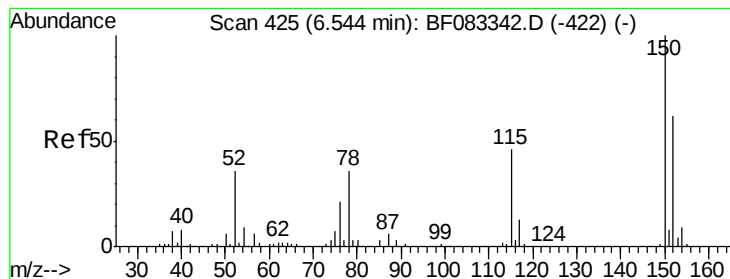
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	275814	35.10	ng	99
43) 2,4,5-Trichlorophenol	8.89	196	307608	37.78	ng	97
45) 1,1'-Biphenyl	9.01	154	987074	31.85	ng	95
46) 2-Chloronaphthalene	9.04	162	824411	34.91	ng	98
47) 2-Nitroaniline	9.15	65	314157	33.59	ng	92
48) Acenaphthylene	9.45	152	1272846	33.79	ng	99
49) Dimethylphthalate	9.33	163	971935	33.84	ng	99
50) 2,6-Dinitrotoluene	9.39	165	224224	36.55	ng	95
51) Acenaphthene	9.62	154	764441	34.50	ng	99
52) 3-Nitroaniline	9.56	138	108851	15.14	ng	87
53) 2,4-Dinitrophenol	9.66	184	226487	62.25	ng	95
54) Dibenzofuran	9.79	168	1109556	34.17	ng	99
55) 4-Nitrophenol	9.76	139	343649	76.42	ng	# 73
56) 2,4-Dinitrotoluene	9.79	165	271417	34.87	ng	95
57) Fluorene	10.13	166	911527	35.55	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	234336	35.67	ng	96
59) Diethylphthalate	10.03	149	948355	34.64	ng	99
60) 4-Chlorophenyl-phenylether	10.13	204	436717	37.07	ng	99
61) 4-Nitroaniline	10.18	138	230895	32.10	ng	96
62) Azobenzene	10.29	77	1256001	37.98	ng	98
64) 4,6-Dinitro-2-methylphenol	10.20	198	171266	36.73	ng	96
65) n-Nitrosodiphenylamine	10.26	169	855834	35.07	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	274614	36.15	ng	96
67) Hexachlorobenzene	10.70	284	288066	34.30	ng	97
68) Atrazine	10.82	200	279407	41.40	ng	98
69) Pentachlorophenol	10.92	266	316484	71.94	ng	97
70) Phenanthrene	11.16	178	1428723	34.77	ng	100
71) Anthracene	11.22	178	1494003	36.11	ng	100
72) Carbazole	11.41	167	1301941	35.03	ng	99
73) Di-n-butylphthalate	11.86	149	1616113	36.69	ng	100
74) Fluoranthene	12.66	202	1475867	34.65	ng	98
76) Benzidine	12.87	184	334326	18.43	ng	99
77) Pyrene	12.97	202	1530310	35.98	ng	98
79) Butylbenzylphthalate	13.96	149	674446	37.38	ng	95
80) Benzo(a)anthracene	14.74	228	1339738	35.90	ng	99
81) 3,3'-Dichlorobenzidine	14.73	252	237299	20.36	ng	99
82) Chrysene	14.80	228	1235815	34.28	ng	99
83) Bis(2-ethylhexyl)phthalate	14.88	149	934800	38.62	ng	100
84) Di-n-octyl phthalate	15.85	149	1448843	40.19	ng	100
85) Indeno(1,2,3-cd)pyrene	18.19	276	933225	35.54	ng	100
87) Benzo(b)fluoranthene	16.31	252	1079164	37.73	ng	99
88) Benzo(k)fluoranthene	16.35	252	924756	34.24	ng	98
89) Benzo(a)pyrene	16.75	252	928146	37.78	ng	99
90) Dibenzo(a,h)anthracene	18.23	278	795718	37.17	ng	98
91) Benzo(g,h,i)perylene	18.57	276	772015	36.74	ng	# 94

(#) = 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: BF083362.D

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BNA_F

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PB86923BS

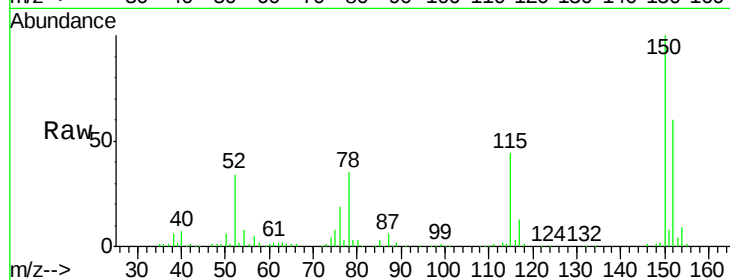
Tgt Ion:152 Resp: 170004

Ion Ratio Lower Upper

152 100

150 166.4 129.8 194.8

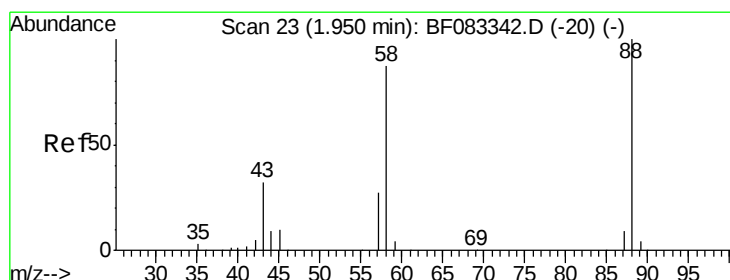
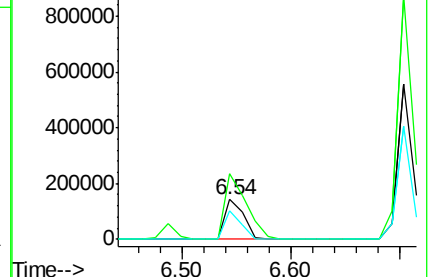
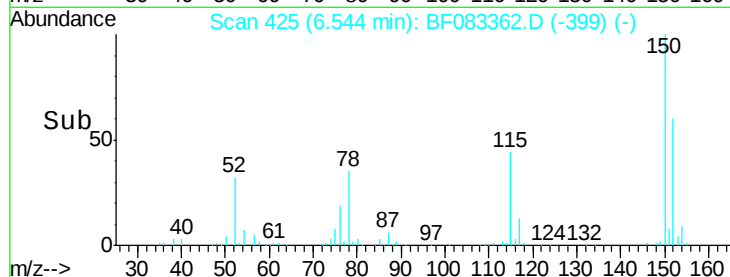
115 72.9 59.2 88.8



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: 27.62 ng

RT: 2.04 min Scan# 31

Delta R.T. 0.09 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

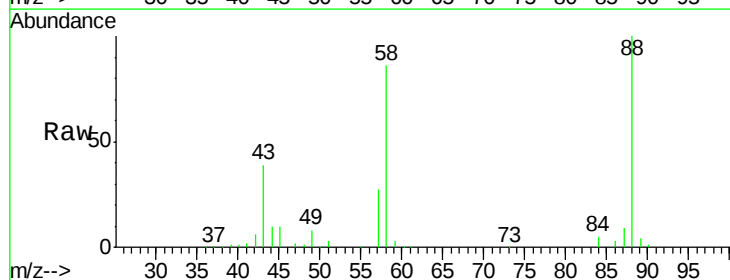
Tgt Ion: 88 Resp: 169441

Ion Ratio Lower Upper

88 100

58 94.1 66.6 100.0

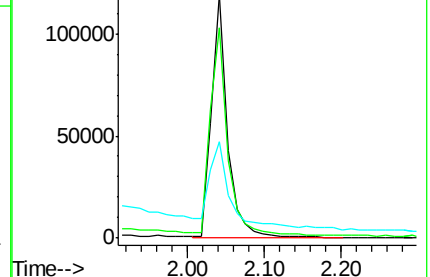
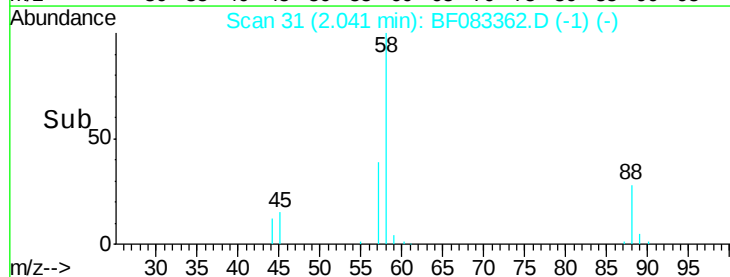
43 50.5 27.1 40.7#

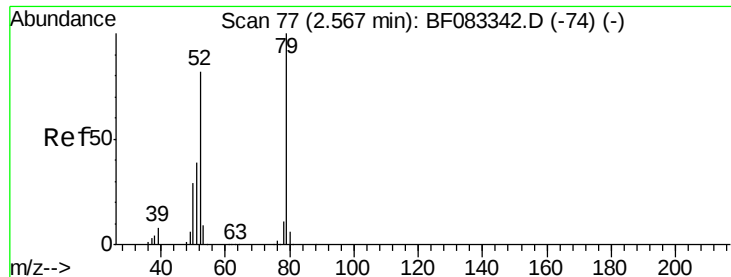


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.68 ng

RT: 2.65 min Scan# 84

Delta R.T. 0.08 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

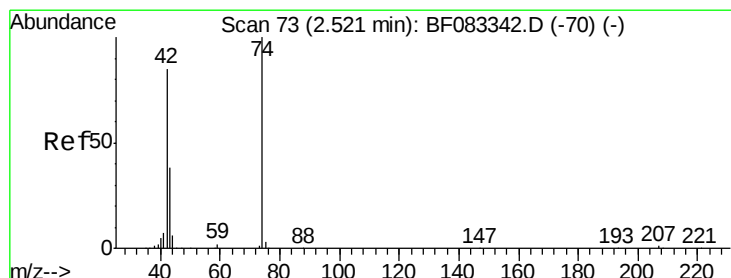
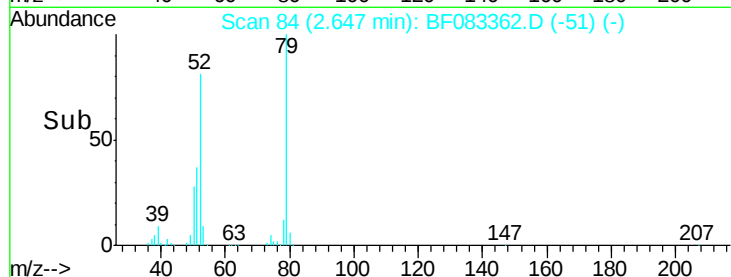
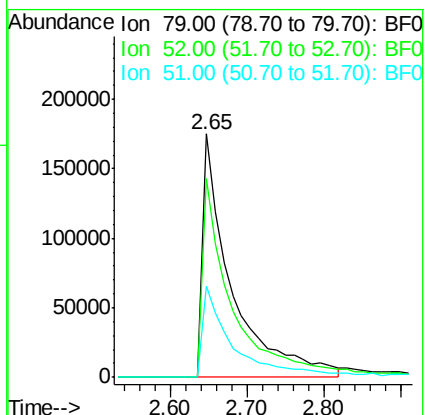
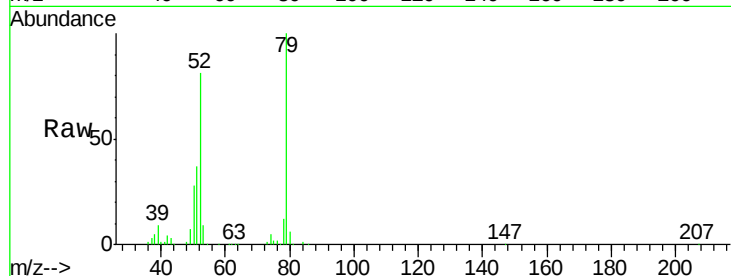
Tgt Ion: 79 Resp: 455467

Ion Ratio Lower Upper

79 100

52 81.4 65.9 98.9

51 37.5 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 36.35 ng

RT: 2.60 min Scan# 80

Delta R.T. 0.08 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

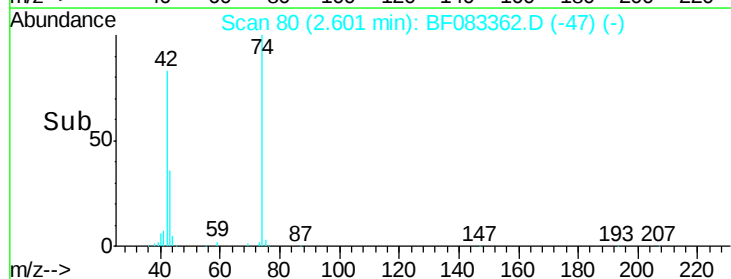
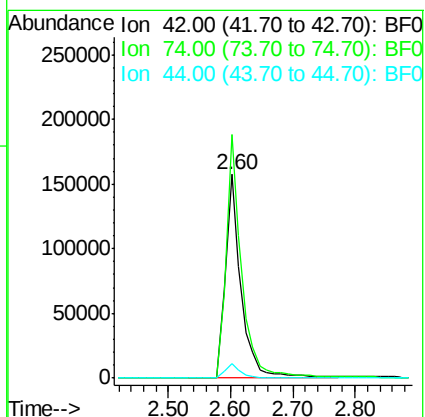
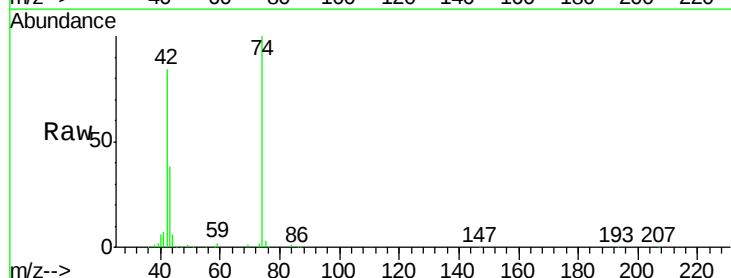
Tgt Ion: 42 Resp: 274543

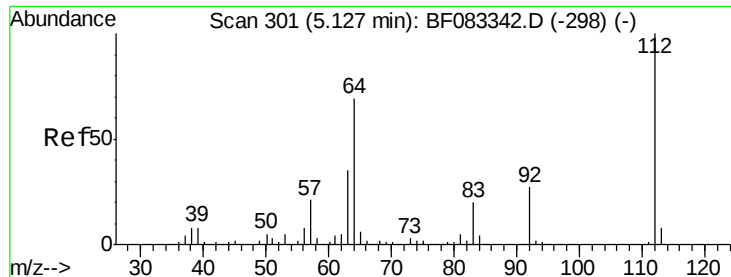
Ion Ratio Lower Upper

42 100

74 119.5 93.7 140.5

44 6.8 5.6 8.4





#5

2-Fluorophenol

Concen: 111.52 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

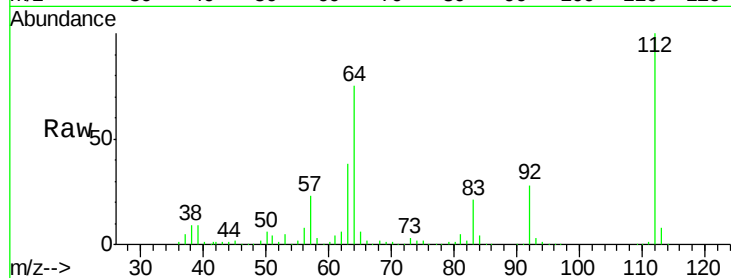
Tgt Ion: 112 Resp: 1263403

Ion Ratio Lower Upper

112 100

64 75.2 55.6 83.4

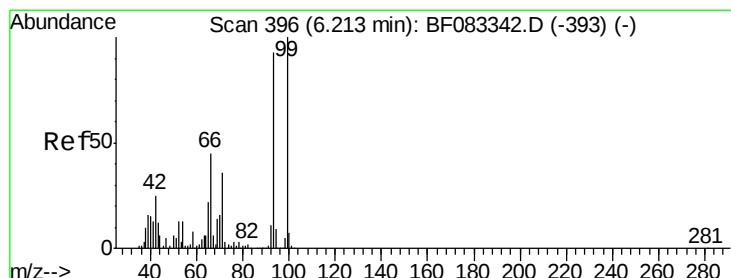
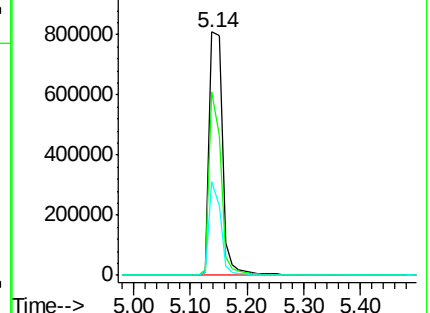
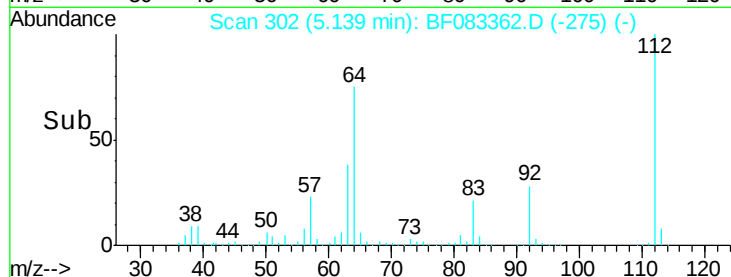
63 38.3 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.12 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

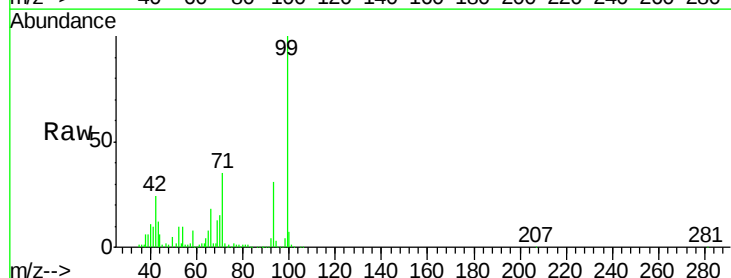
Tgt Ion: 93 Resp: 384471

Ion Ratio Lower Upper

93 100

66 59.8 38.7 58.1#

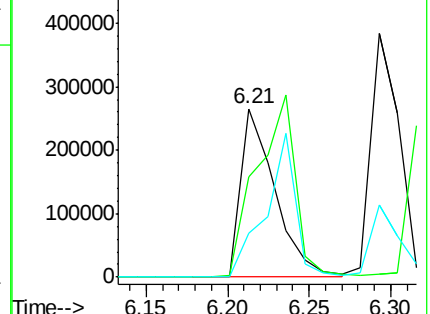
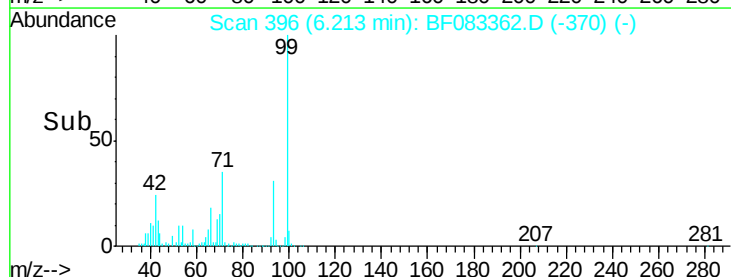
65 25.9 19.0 28.6

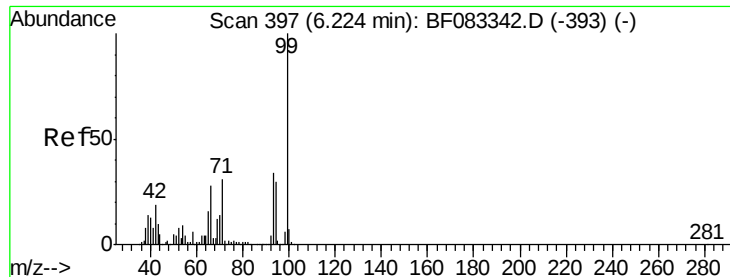


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.78 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

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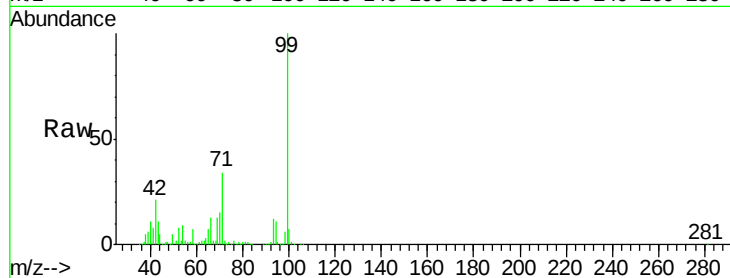
Tgt Ion: 99 Resp: 1717823

Ion Ratio Lower Upper

99 100

42 20.8 14.9 22.3

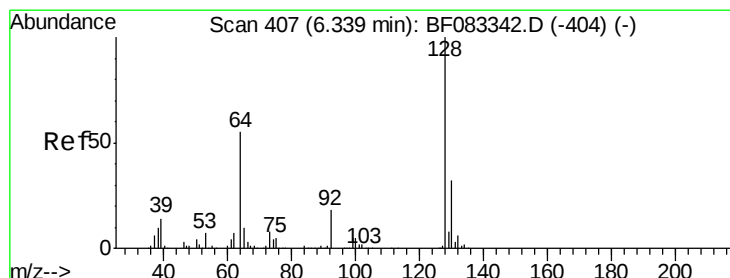
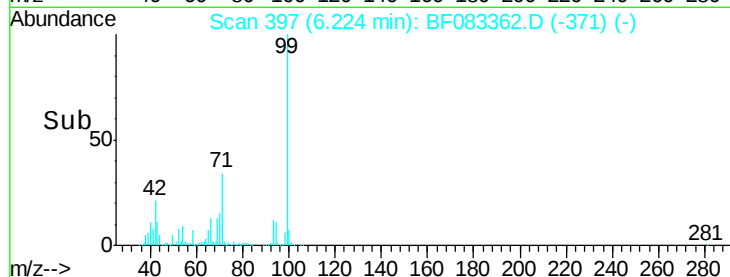
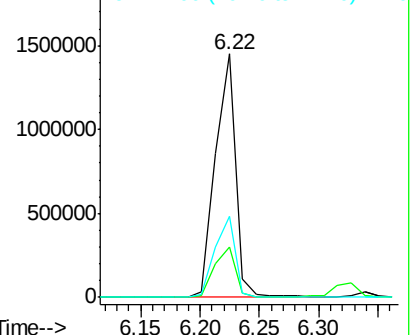
71 33.5 24.7 37.1



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: 36.60 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

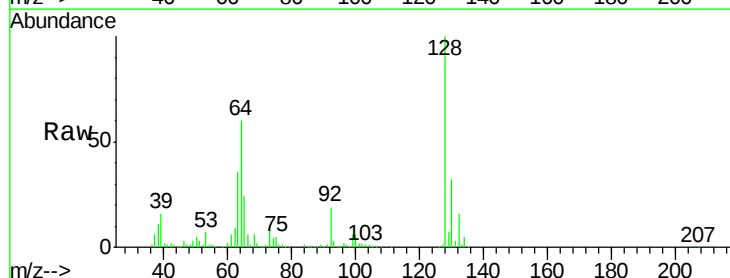
Tgt Ion: 128 Resp: 457366

Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

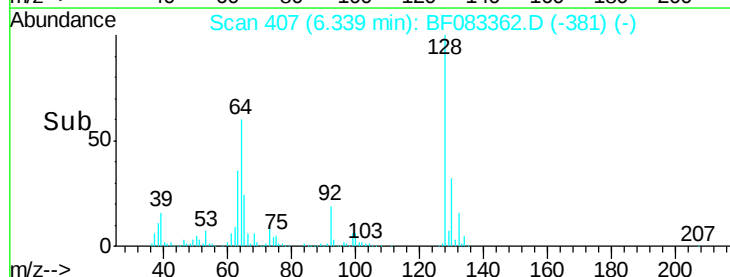
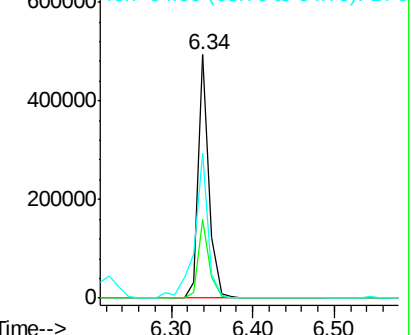
64 59.8 36.4 76.4

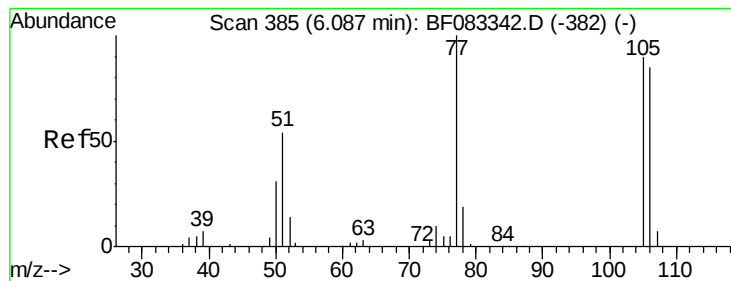


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 30.38 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

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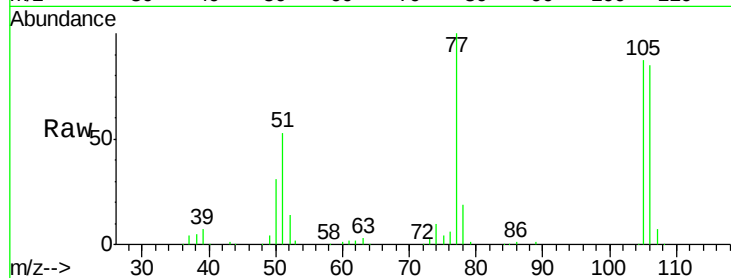
Tgt Ion: 77 Resp: 239629

Ion Ratio Lower Upper

77 100

105 87.0 70.0 110.0

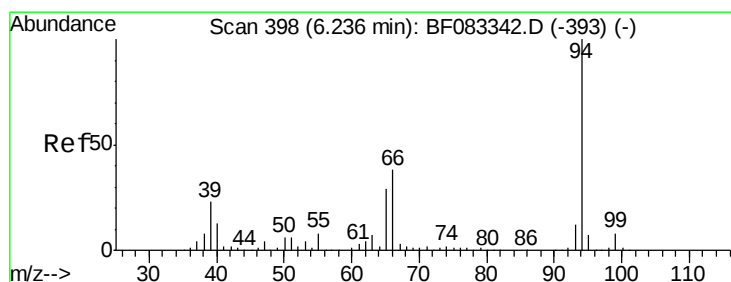
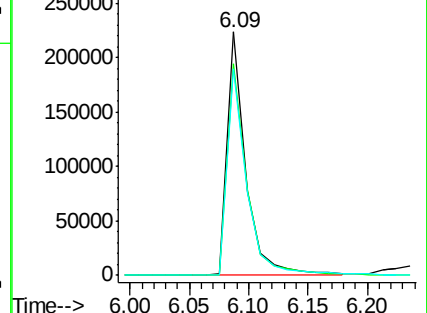
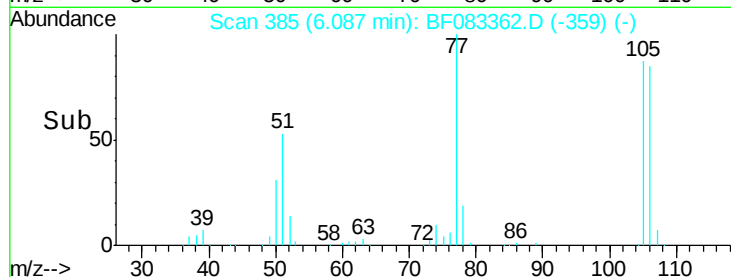
106 84.6 65.0 105.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.56 ng

RT: 6.24 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

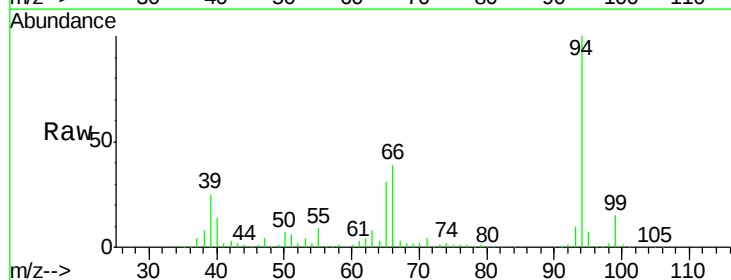
Tgt Ion: 94 Resp: 700859

Ion Ratio Lower Upper

94 100

65 30.5 9.5 49.5

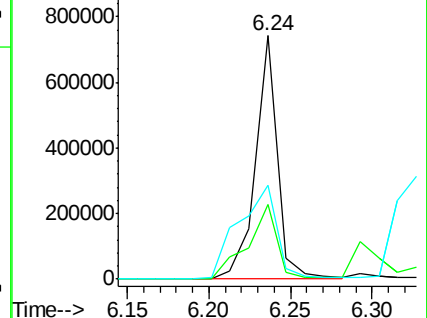
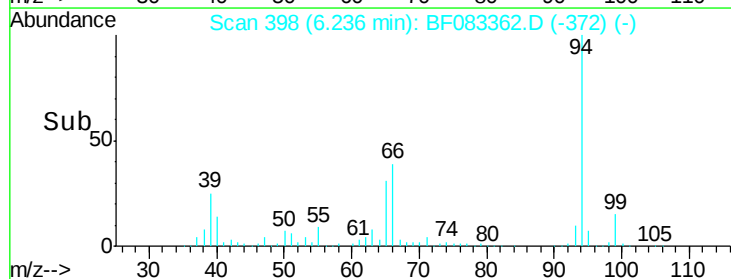
66 38.8 17.9 57.9

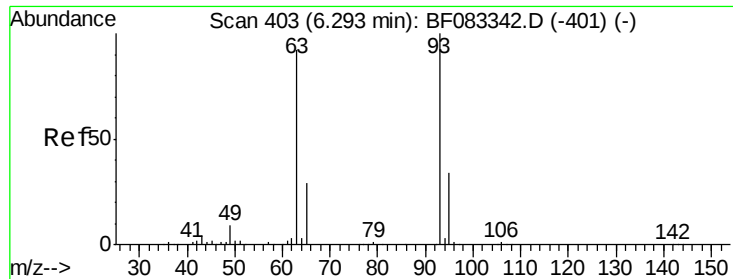


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.50 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

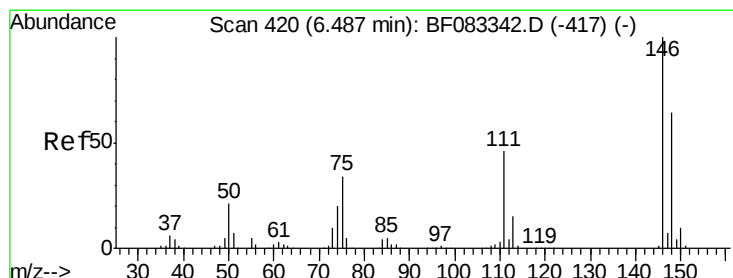
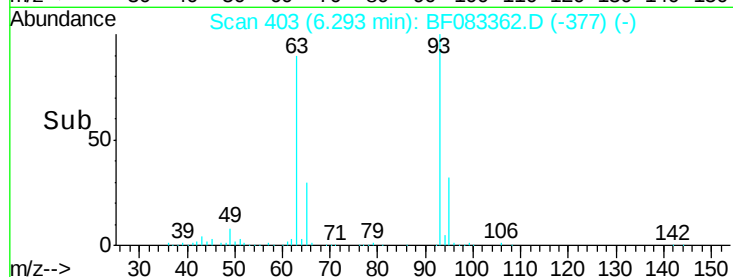
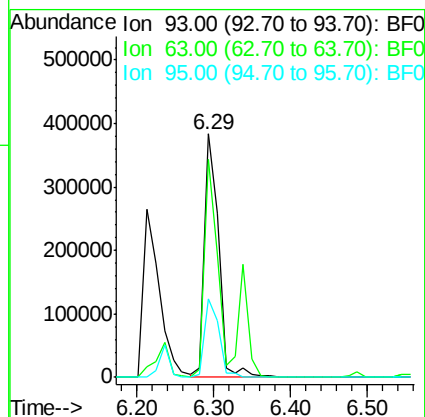
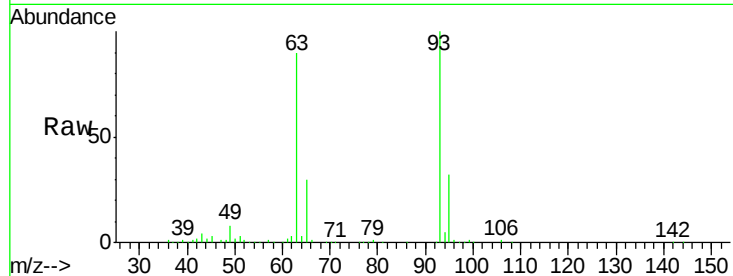
Tgt Ion: 93 Resp: 481810

Ion Ratio Lower Upper

93 100

63 89.7 71.4 111.4

95 32.2 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 35.02 ng

RT: 6.49 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

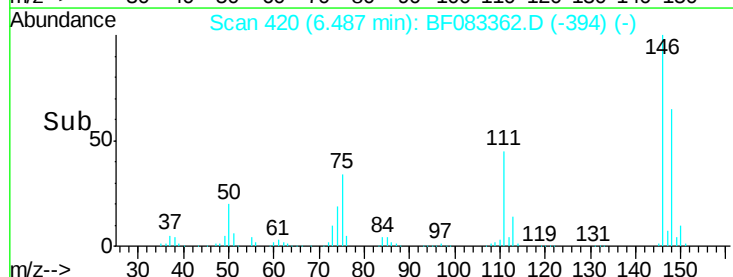
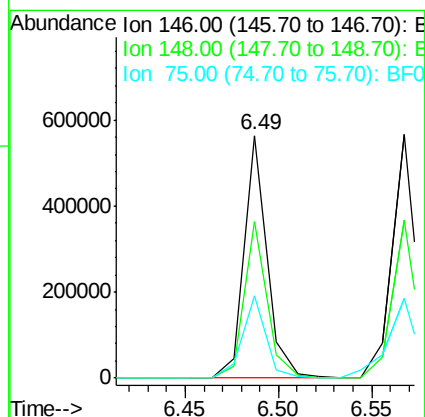
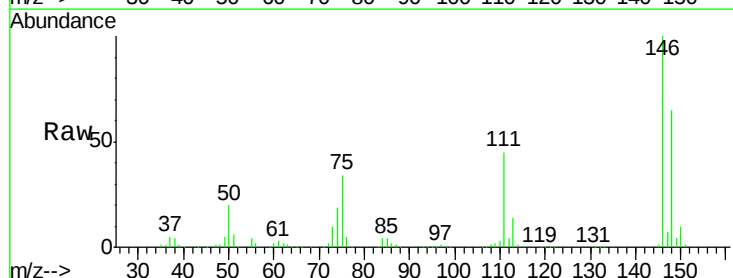
Tgt Ion: 146 Resp: 486500

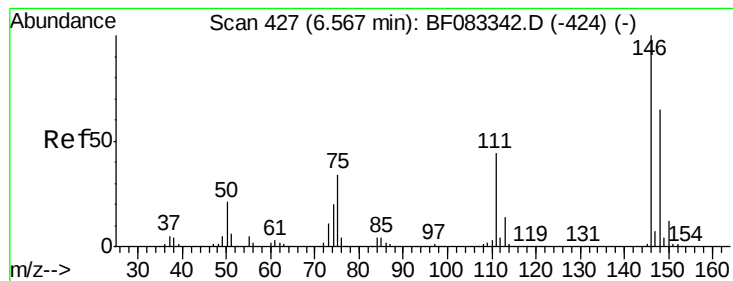
Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

75 33.9 27.5 41.3





#13

1,4-Dichlorobenzene

Concen: 35.54 ng

RT: 6.57 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

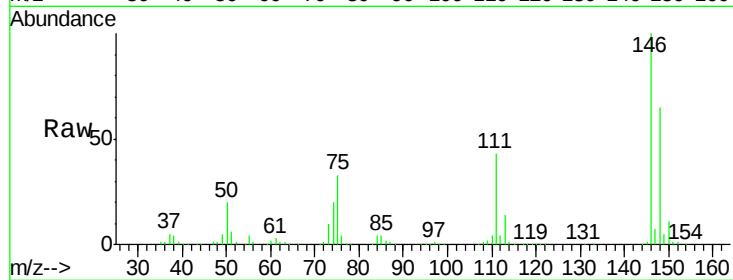
Tgt Ion:146 Resp: 510232

Ion Ratio Lower Upper

146 100

148 64.6 52.1 78.1

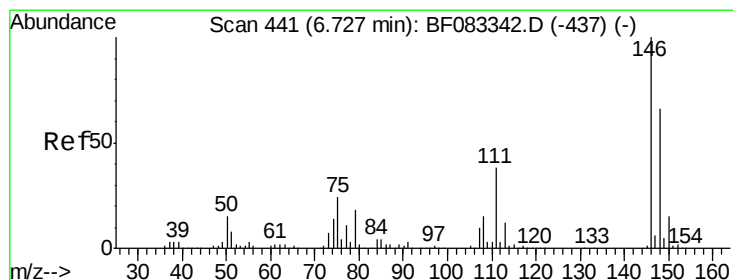
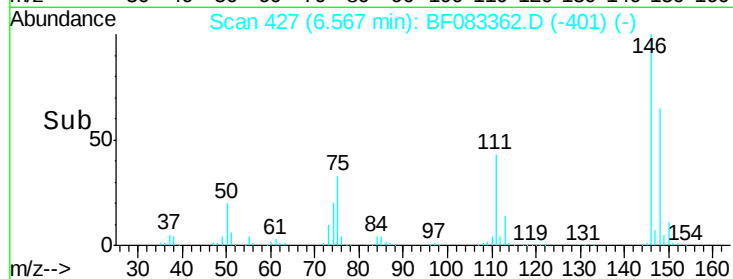
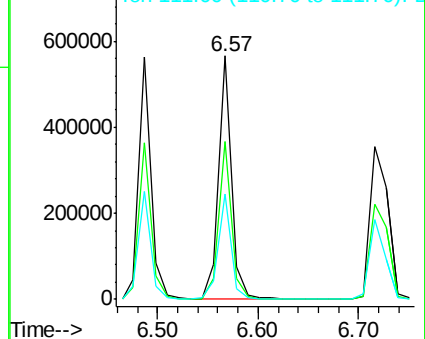
111 43.3 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.74 ng

RT: 6.57 min Scan# 427

Delta R.T. -0.16 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

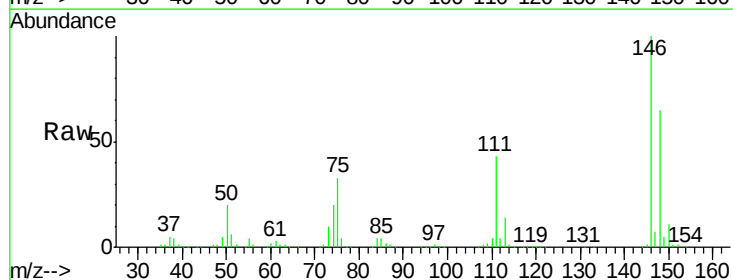
Tgt Ion:146 Resp: 510290

Ion Ratio Lower Upper

146 100

148 64.6 52.5 78.7

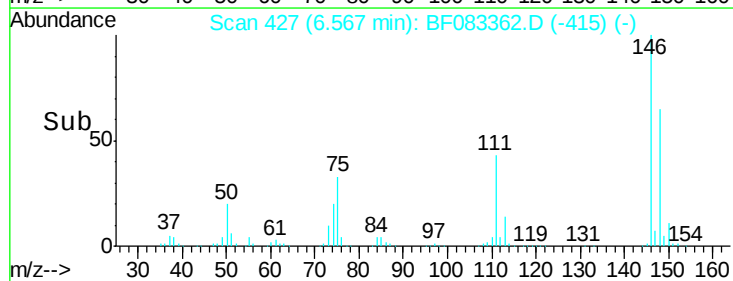
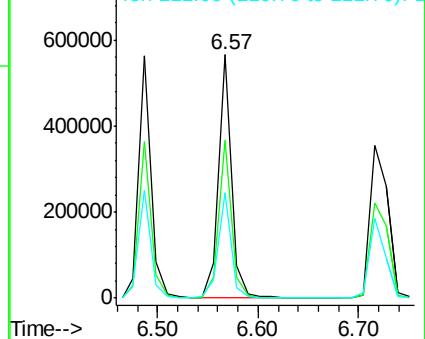
111 43.3 30.6 46.0

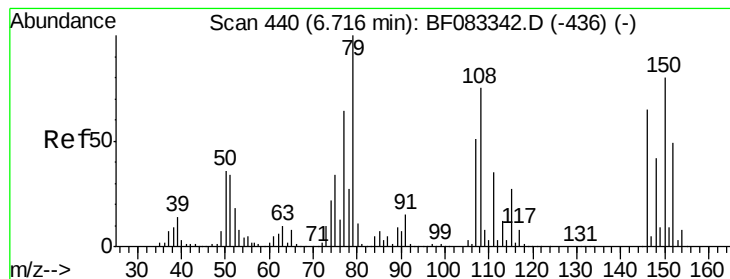


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.40 ng

RT: 6.72 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

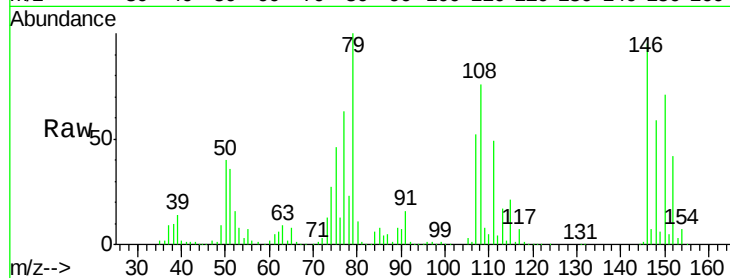
Tgt Ion: 79 Resp: 448280

Ion Ratio Lower Upper

79 100

108 75.8 59.9 89.9

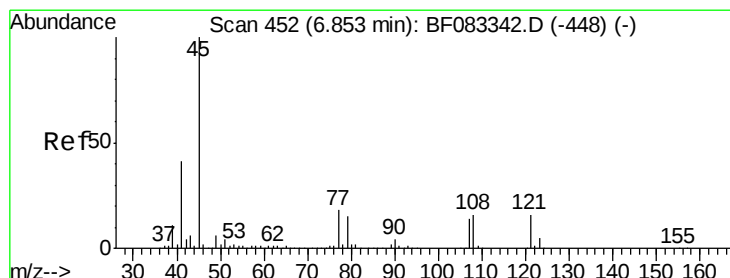
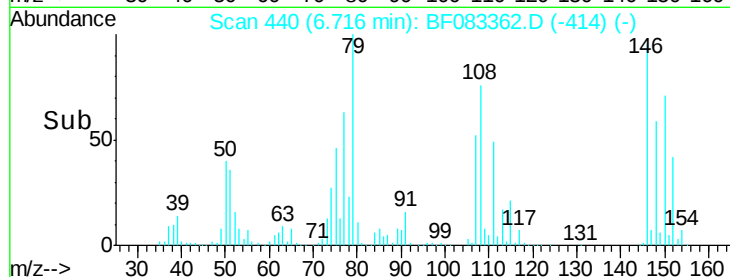
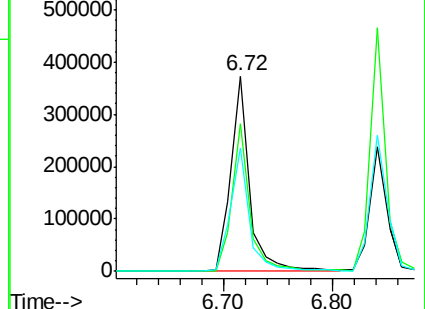
77 63.3 51.0 76.6



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: 36.74 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

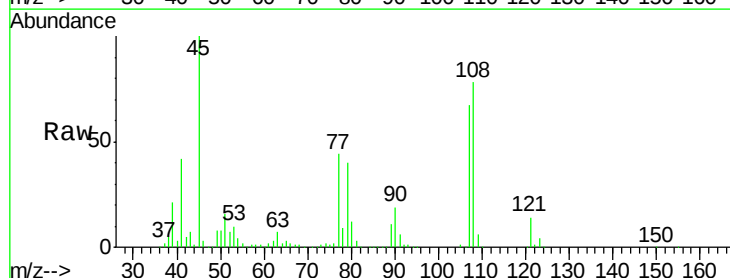
Tgt Ion: 45 Resp: 875092

Ion Ratio Lower Upper

45 100

77 43.6 0.0 38.3#

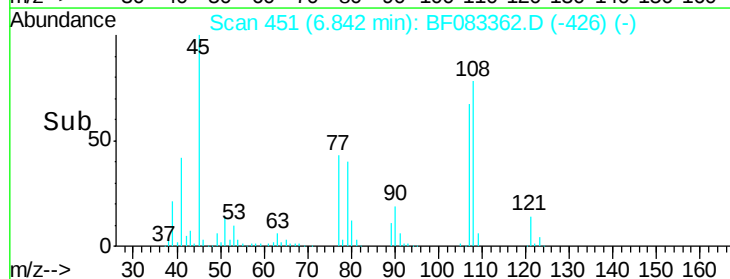
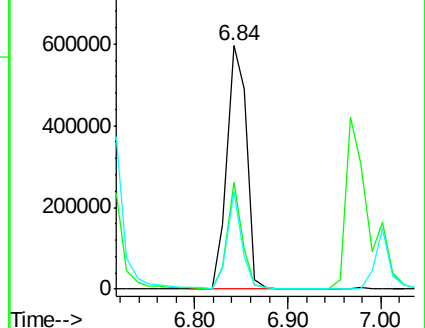
79 40.1 0.0 35.4#

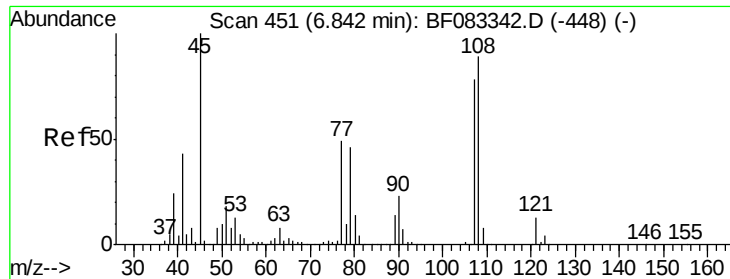


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

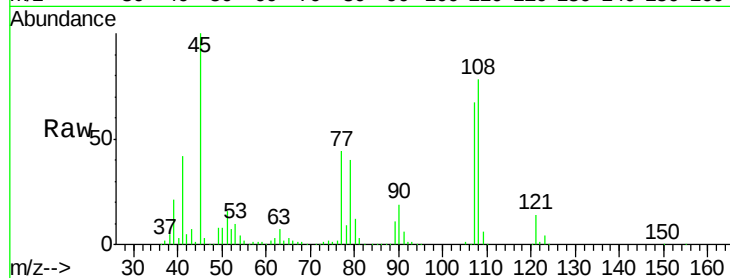




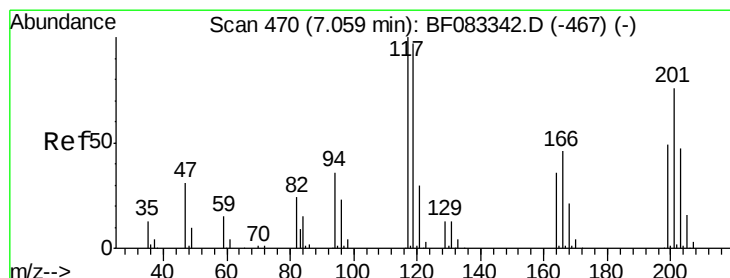
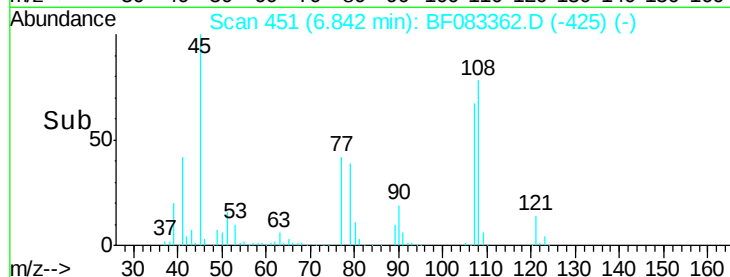
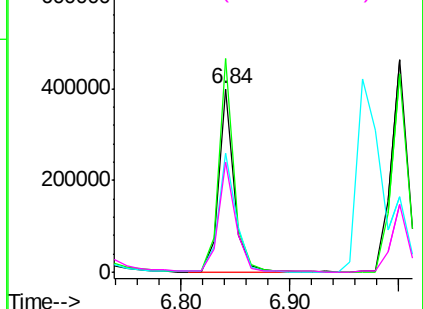
#17
2-Methylphenol
Concen: 37.62 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampleId :
PB86923BS

Tgt Ion:107 Resp: 391880
Ion Ratio Lower Upper
107 100
108 116.3 91.6 137.4
77 65.0 49.9 74.9
79 59.8 47.3 70.9

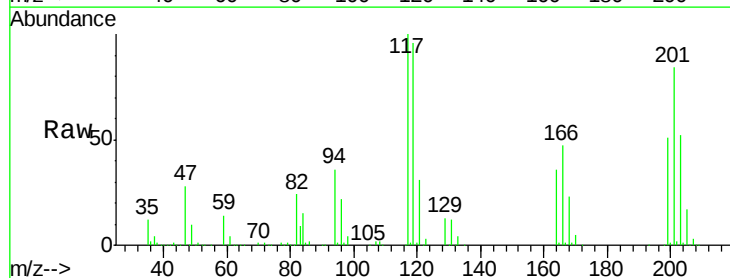


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

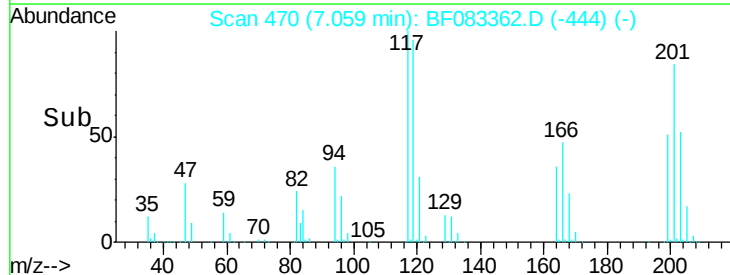
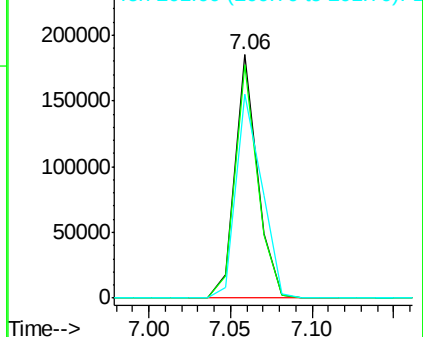


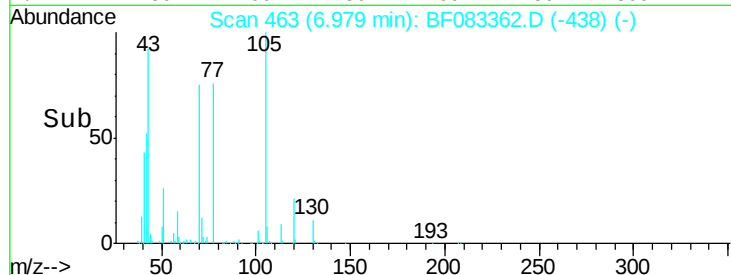
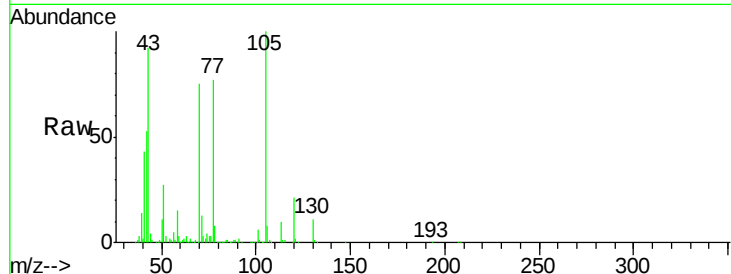
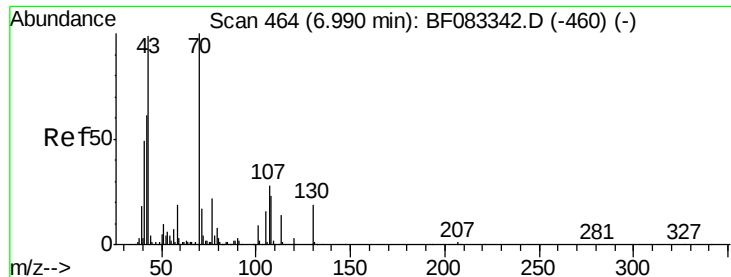
#18
Hexachloroethane
Concen: 34.94 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion:117 Resp: 174225
Ion Ratio Lower Upper
117 100
119 96.0 77.3 115.9
201 83.9 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

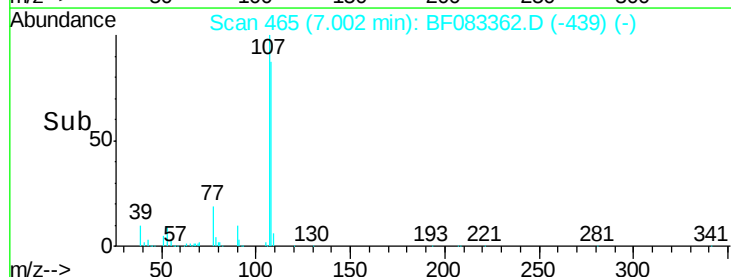
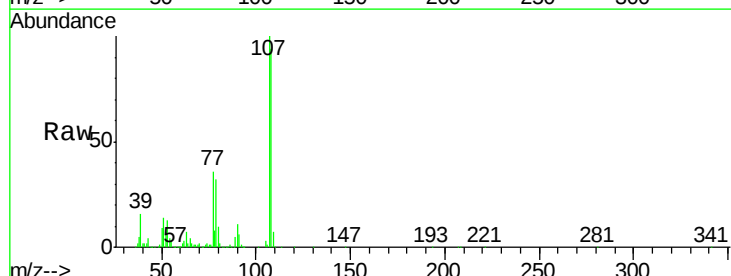
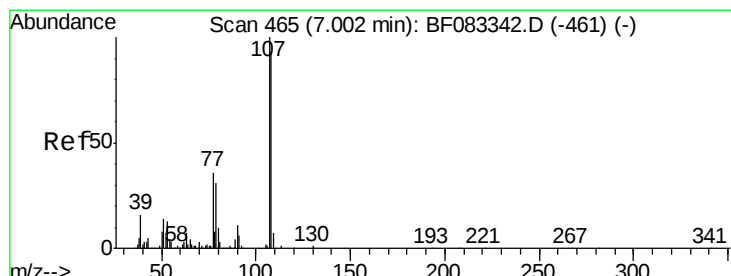
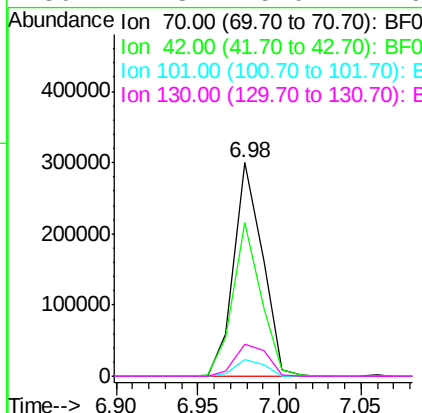




#19
n-Nitroso-di-n-propylamine
Concen: 32.98 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

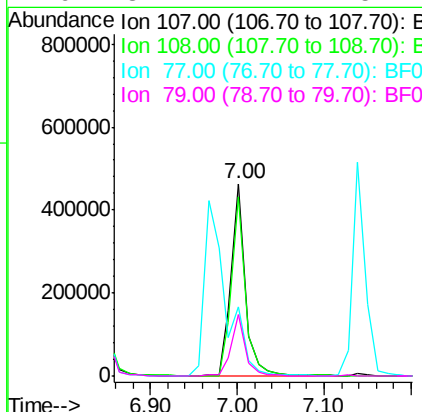
Instrument :
BNA_F
ClientSampleId :
PB86923BS

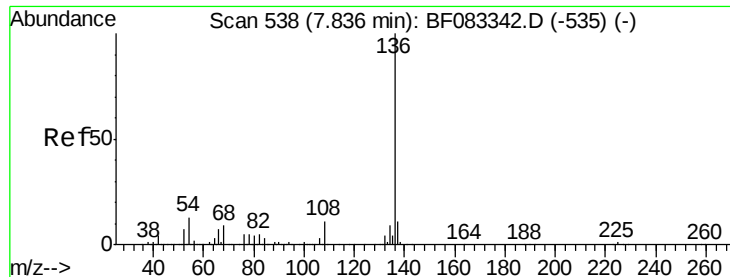
Tgt Ion: 70 Resp: 365612
Ion Ratio Lower Upper
70 100
42 71.7 48.8 73.2
101 7.8 7.1 10.7
130 14.8 15.0 22.6#



#20
3+4-Methylphenols
Concen: 37.35 ng
RT: 7.00 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion: 107 Resp: 526907
Ion Ratio Lower Upper
107 100
108 93.6 73.0 113.0
77 35.7 16.8 56.8
79 32.2 11.4 51.4

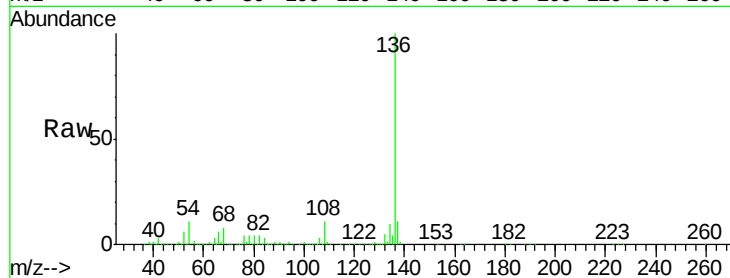




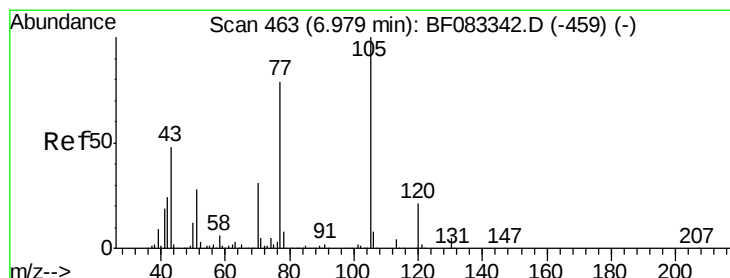
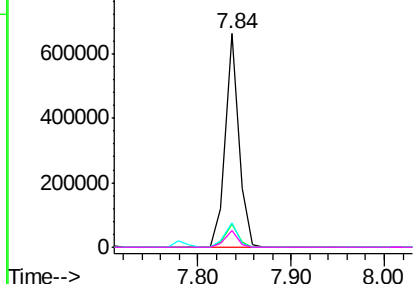
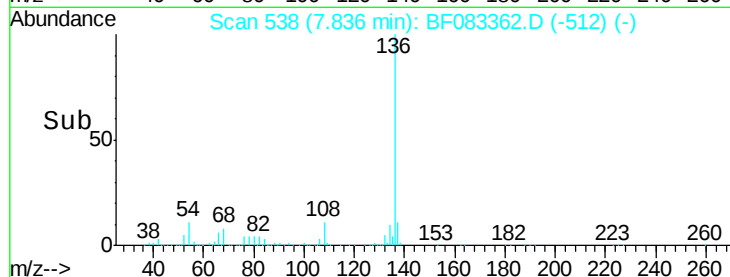
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampleId :
PB86923BS

Tgt Ion:	136	Resp:	671891
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	11.5	10.1	15.1
68	7.8	7.1	10.7

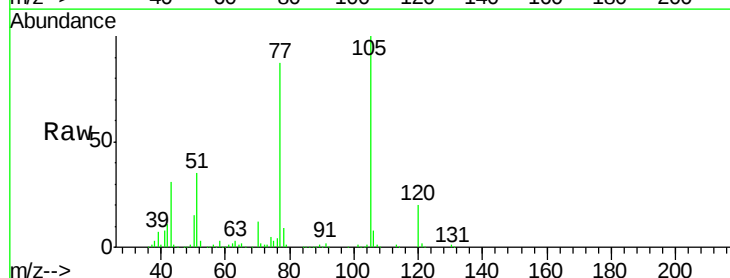


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

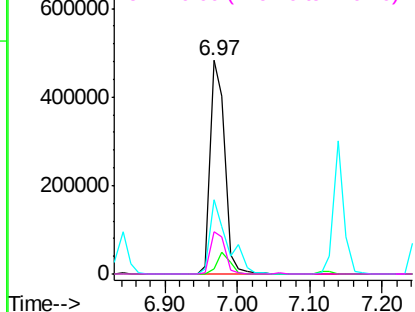
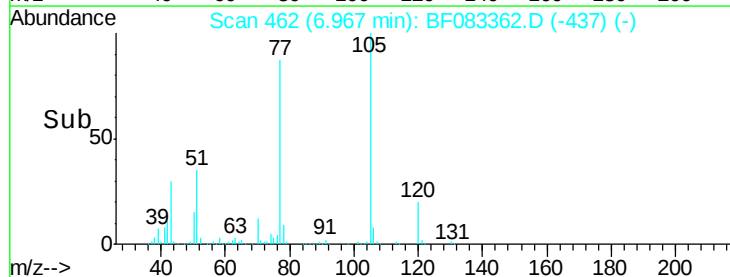


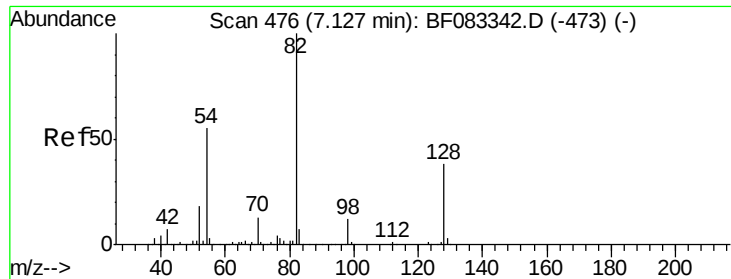
#22
Acetophenone
Concen: 33.31 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion:	105	Resp:	669573
Ion	Ratio	Lower	Upper
105	100		
71	2.2	4.3	6.5#
51	34.6	22.9	34.3#
120	19.7	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

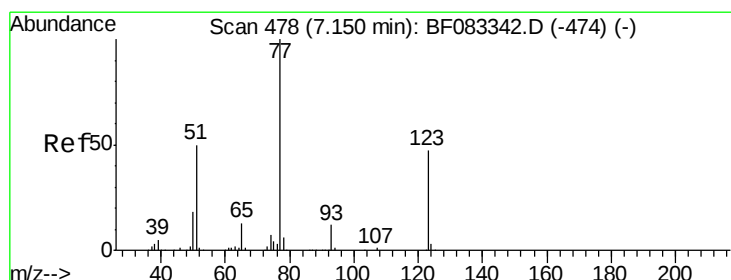
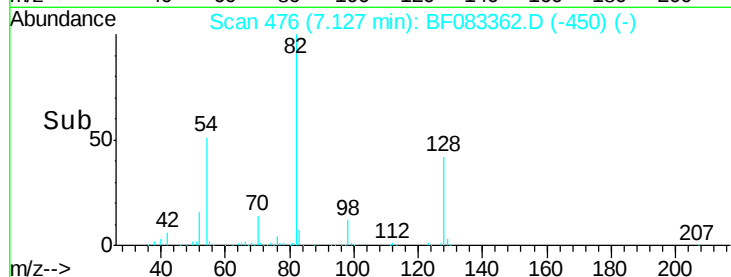
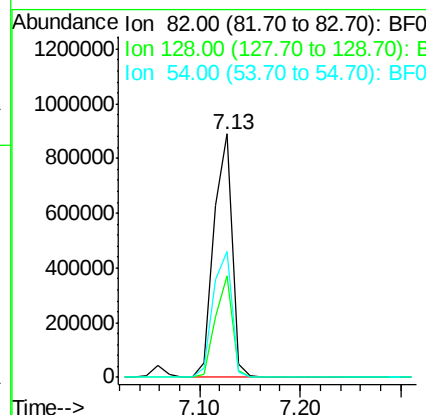
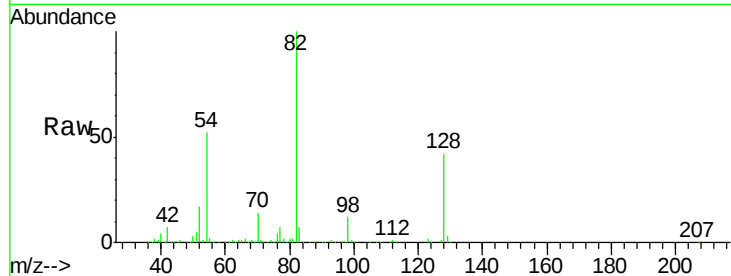




#23
 Nitrobenzene-d5
 Concen: 73.22 ng
 RT: 7.13 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

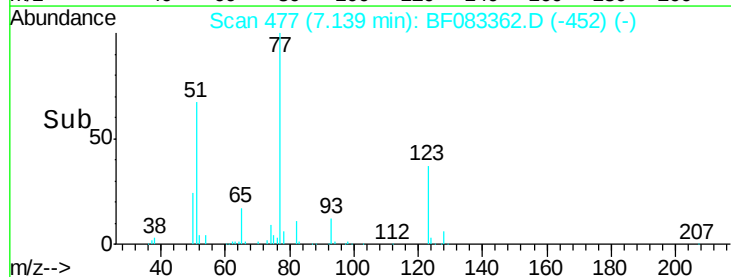
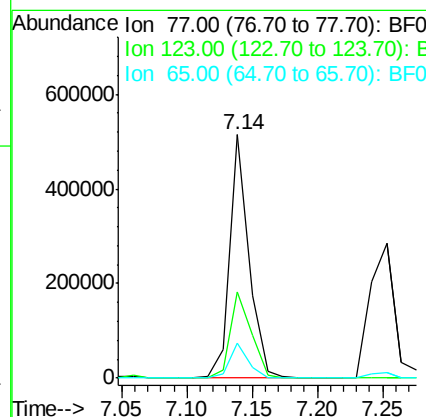
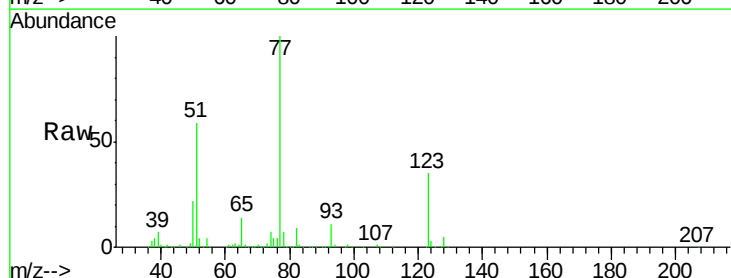
Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

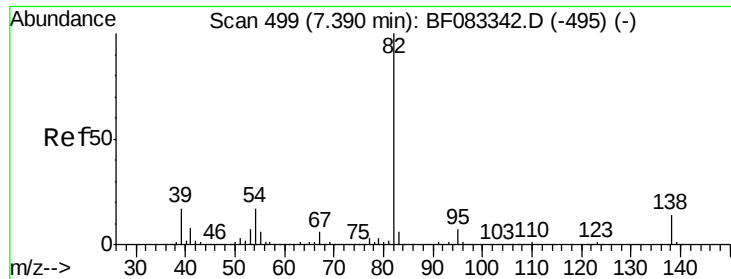
Tgt Ion: 82 Resp: 1119189
 Ion Ratio Lower Upper
 82 100
 128 41.7 30.6 46.0
 54 51.7 43.8 65.6



#24
 Nitrobenzene
 Concen: 32.18 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion: 77 Resp: 525298
 Ion Ratio Lower Upper
 77 100
 123 35.5 37.4 56.0#
 65 14.2 10.6 15.8





#25

Isophorone

Concen: 33.62 ng

RT: 7.39 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

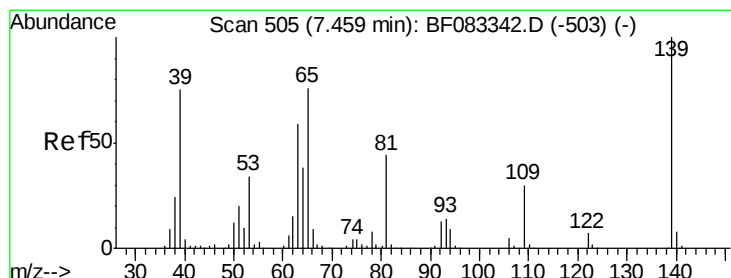
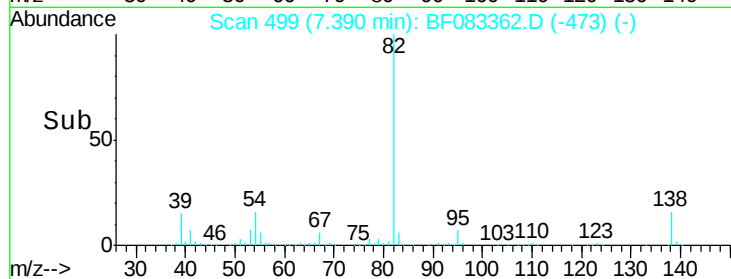
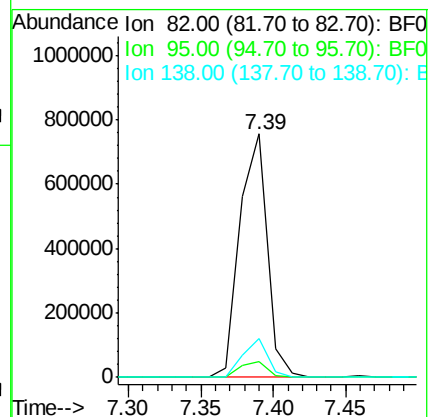
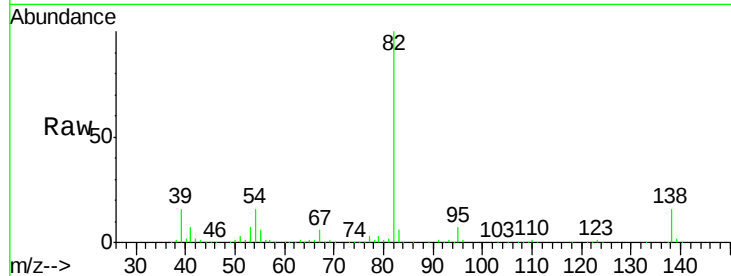
Tgt Ion: 82 Resp: 995428

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 15.8 11.6 17.4



#26

2-Nitrophenol

Concen: 34.09 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

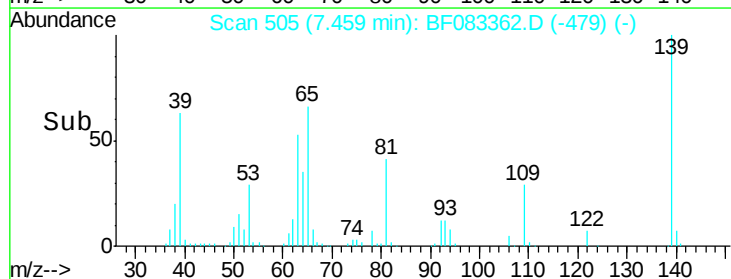
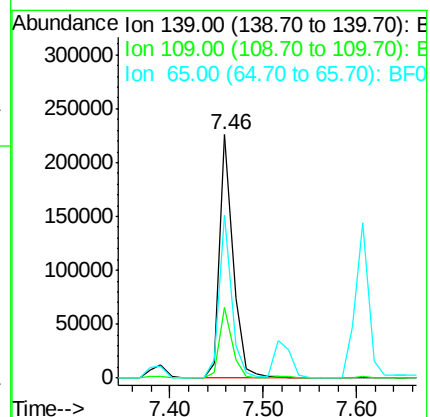
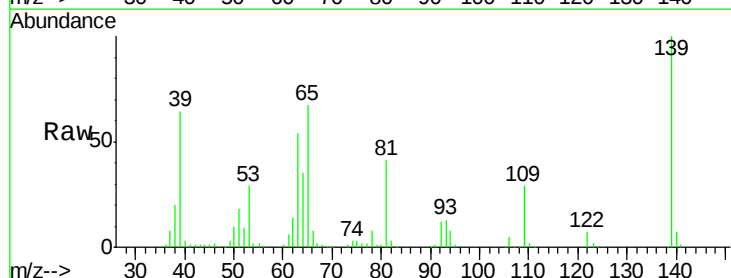
Tgt Ion: 139 Resp: 227140

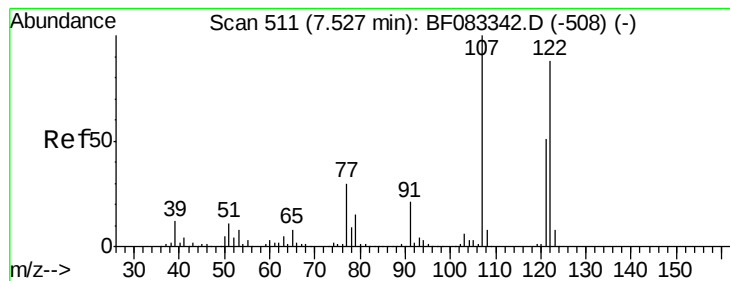
Ion Ratio Lower Upper

139 100

109 29.2 24.2 36.4

65 67.0 61.0 91.6





#27

2,4-Dimethylphenol

Concen: 36.17 ng

RT: 7.53 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

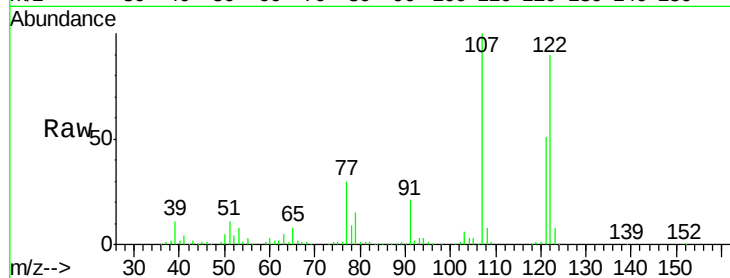
Tgt Ion:122 Resp: 403987

Ion Ratio Lower Upper

122 100

107 110.6 91.2 136.8

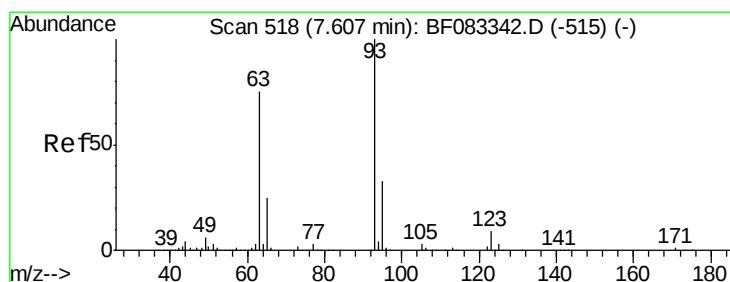
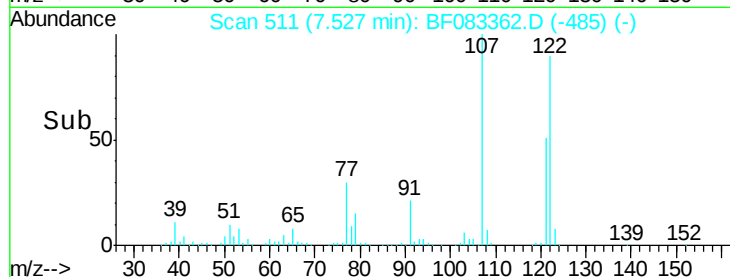
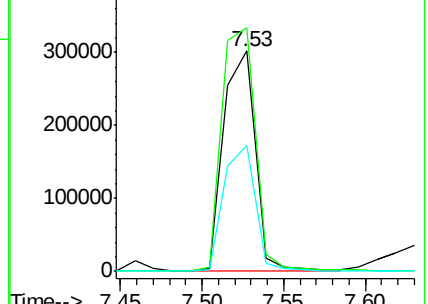
121 56.9 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.78 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

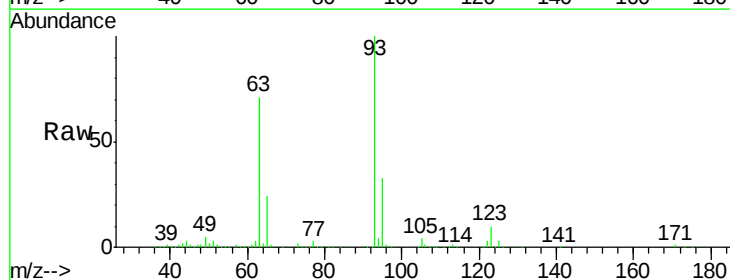
Tgt Ion: 93 Resp: 620157

Ion Ratio Lower Upper

93 100

95 33.2 26.1 39.1

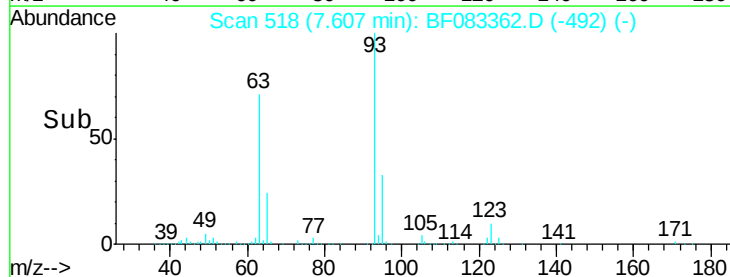
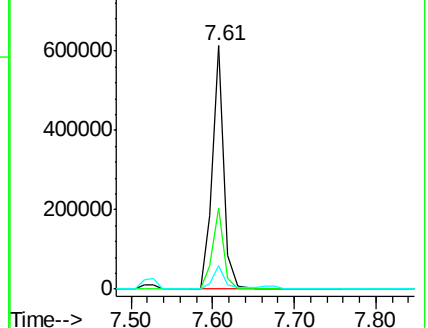
123 9.7 7.4 11.0

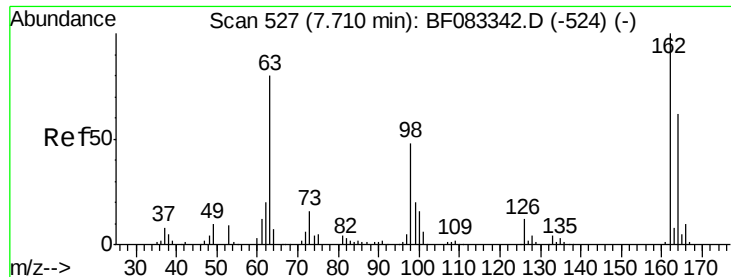


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

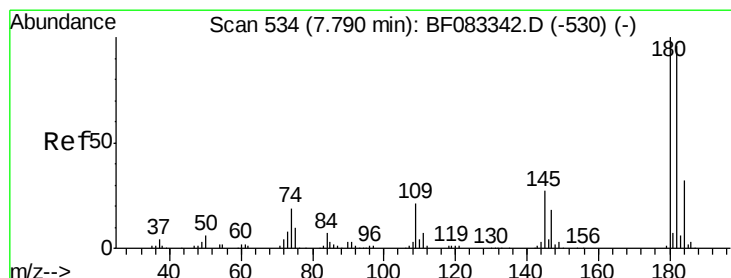
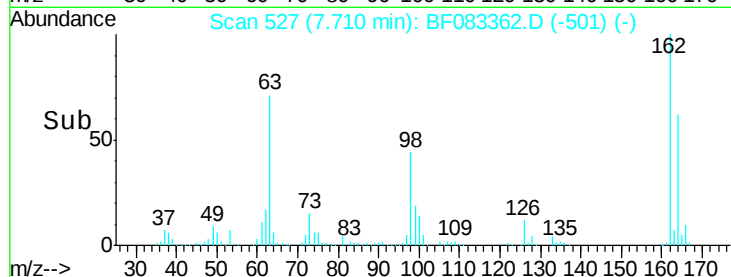
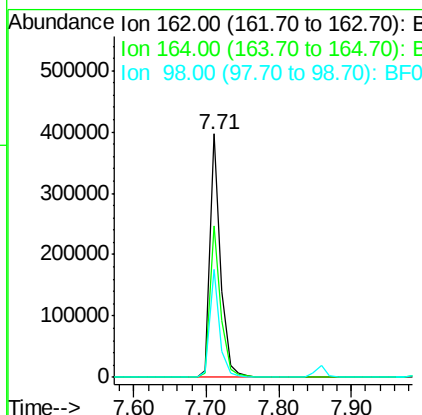
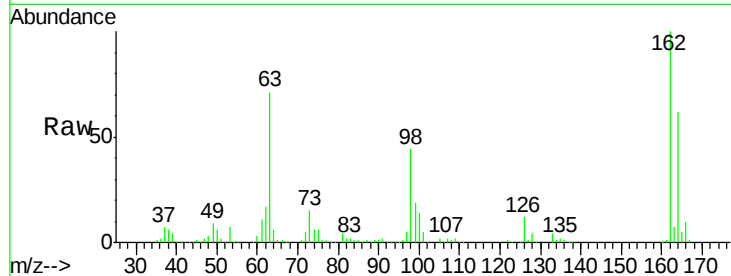




#29
 2,4-Dichlorophenol
 Concen: 37.30 ng
 RT: 7.71 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

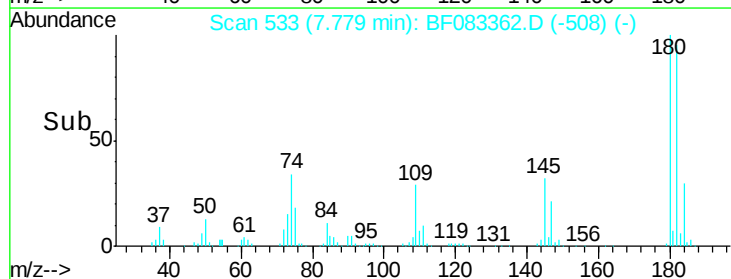
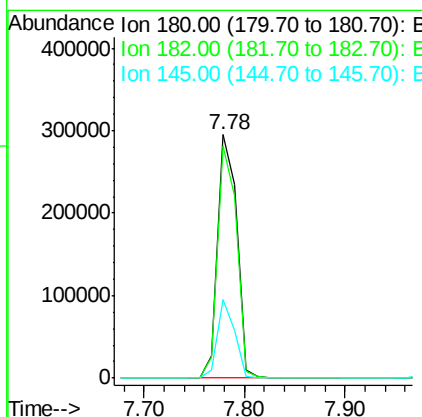
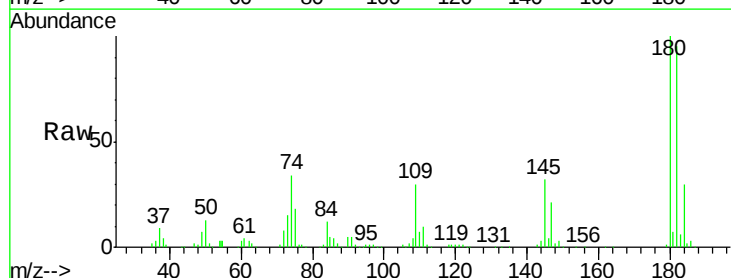
Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

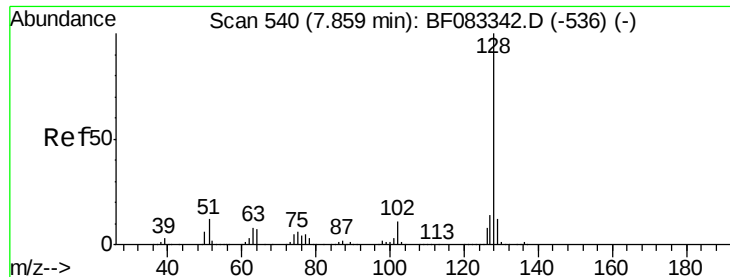
Tgt Ion:162 Resp: 400633
 Ion Ratio Lower Upper
 162 100
 164 62.4 41.9 81.9
 98 44.2 28.1 68.1



#30
 1,2,4-Trichlorobenzene
 Concen: 33.44 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion:180 Resp: 390960
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.2 115.8
 145 32.2 21.4 32.2#

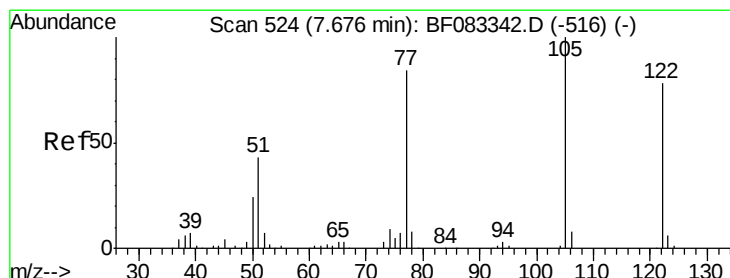
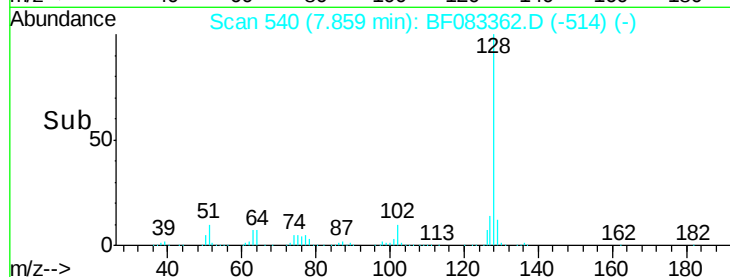
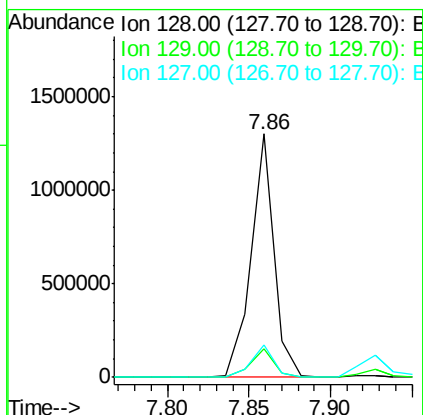
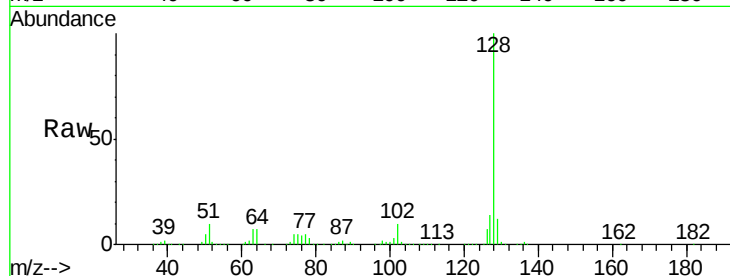




#31
Naphthalene
Concen: 34.93 ng
RT: 7.86 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

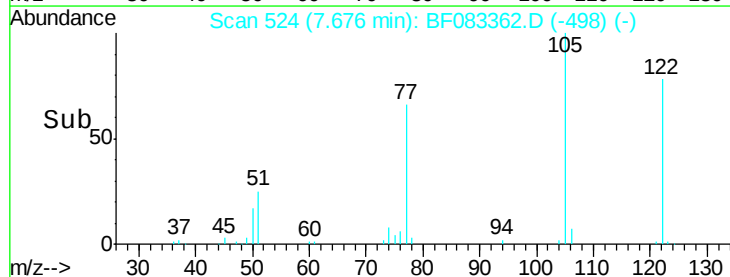
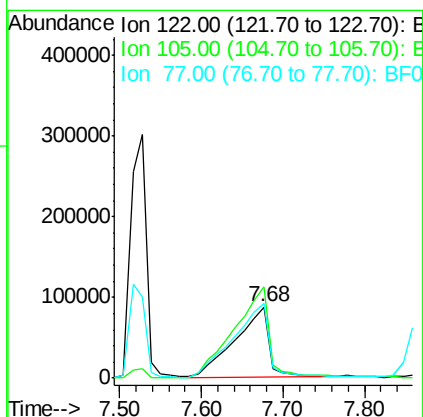
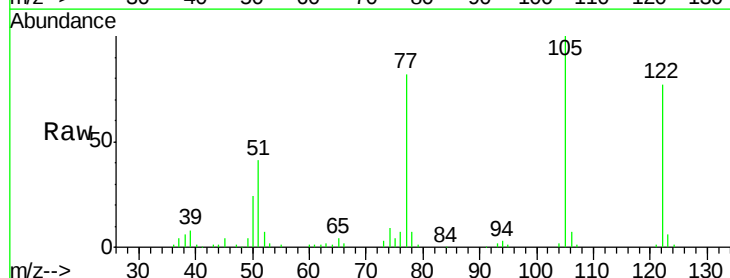
Instrument :
BNA_F
ClientSampleId :
PB86923BS

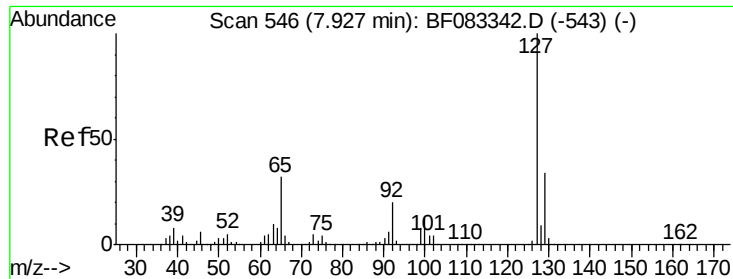
Tgt Ion:128 Resp: 1273426
Ion Ratio Lower Upper
128 100
129 11.6 9.7 14.5
127 13.5 11.0 16.4



#32
Benzoic acid
Concen: 32.47 ng
RT: 7.68 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion:122 Resp: 250148
Ion Ratio Lower Upper
122 100
105 129.2 106.0 146.0
77 105.6 86.3 126.3

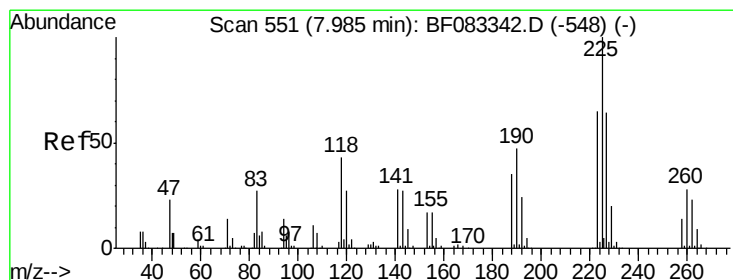
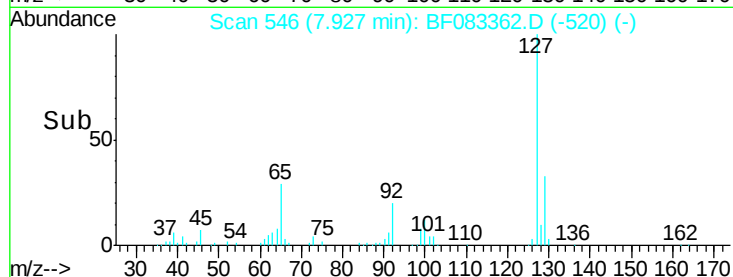
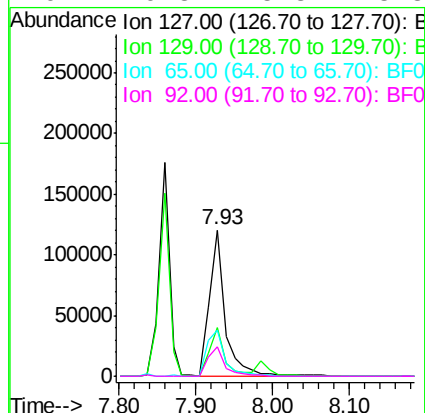
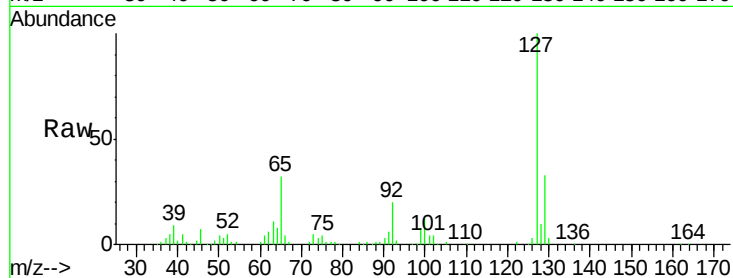




#33
 4-Chloroaniline
 Concen: 10.85 ng
 RT: 7.93 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

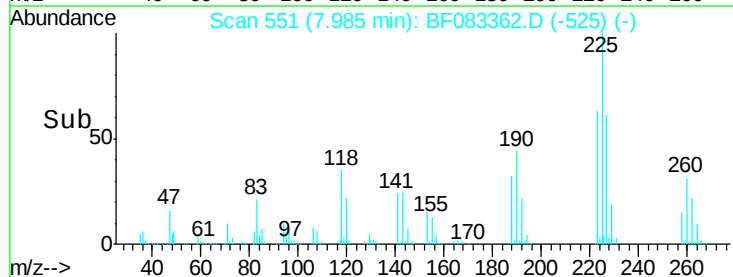
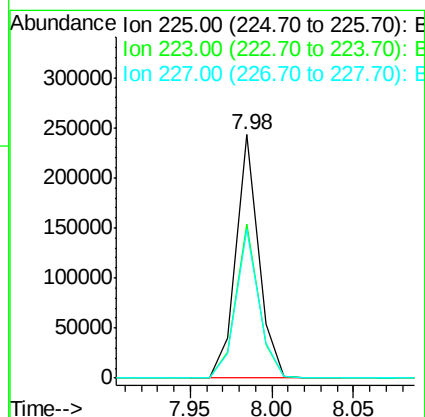
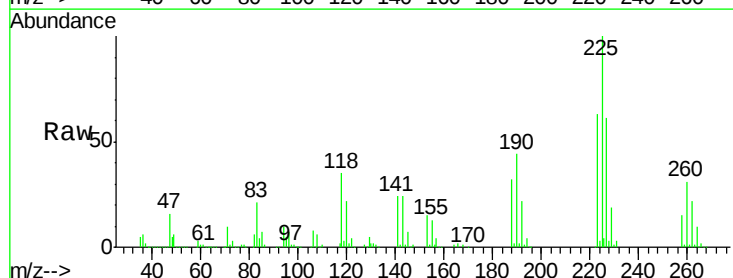
Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

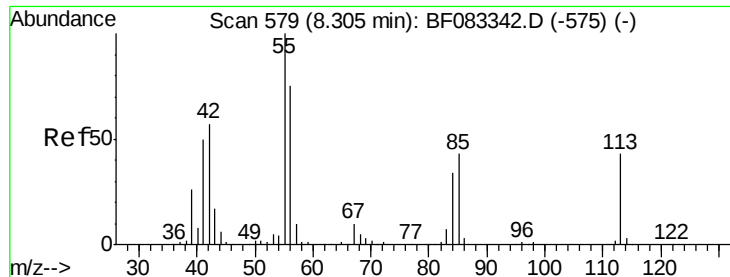
Tgt Ion:	127	Resp:	170515
Ion	Ratio	Lower	Upper
127	100		
129	33.2	27.0	40.4
65	31.6	25.9	38.9
92	19.8	15.8	23.8



#34
 Hexachlorobutadiene
 Concen: 35.03 ng
 RT: 7.98 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion:	225	Resp:	232565
Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.0	78.0
227	61.0	51.1	76.7

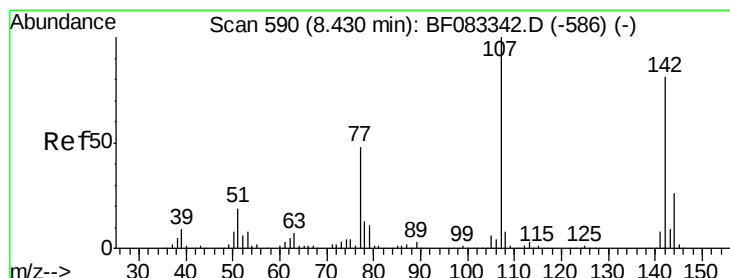
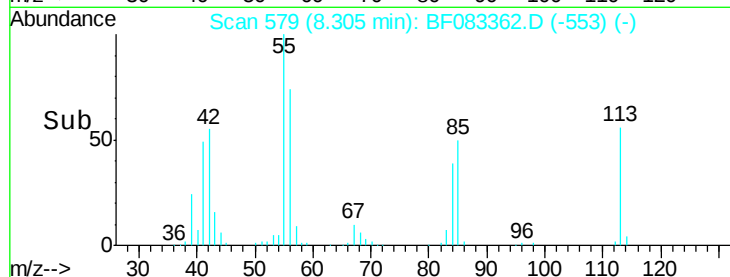
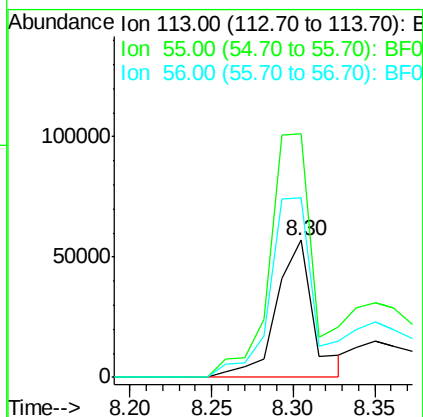
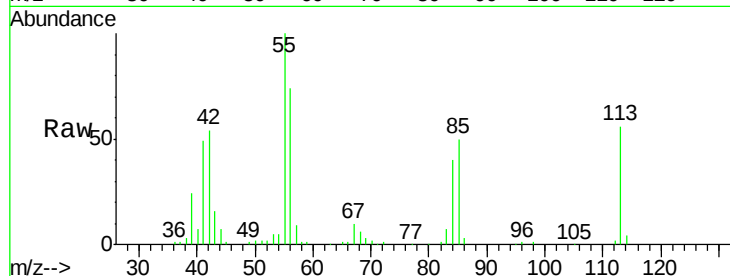




#35
 Caprolactam
 Concen: 26.24 ng
 RT: 8.30 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

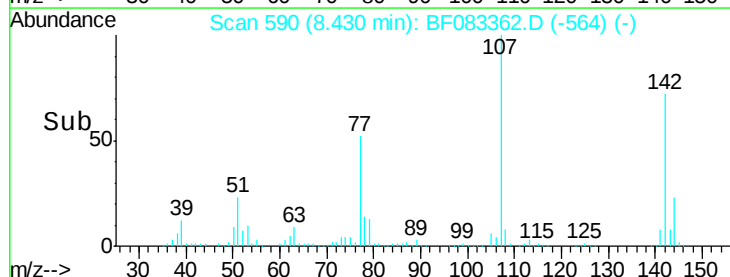
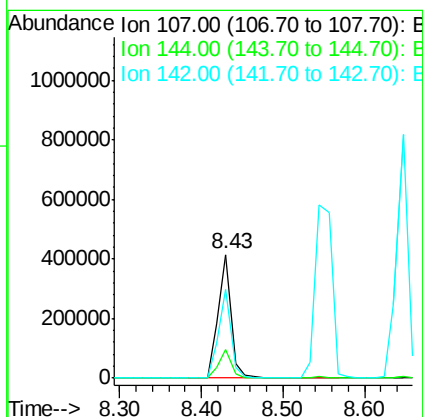
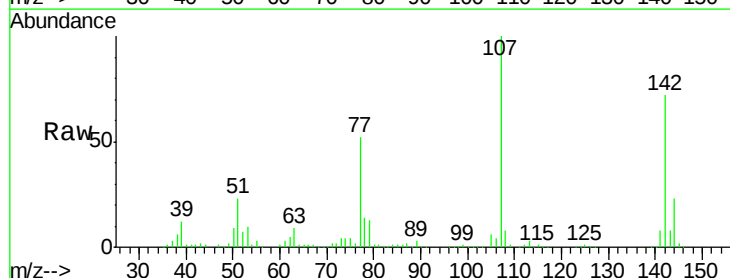
Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

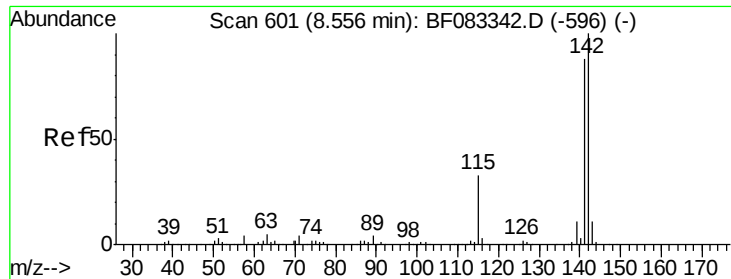
Tgt Ion:113 Resp: 89071
 Ion Ratio Lower Upper
 113 100
 55 177.9 211.6 251.6#
 56 131.6 153.0 193.0#



#36
 4-Chloro-3-methylphenol
 Concen: 38.49 ng
 RT: 8.43 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion:107 Resp: 463740
 Ion Ratio Lower Upper
 107 100
 144 22.8 21.1 31.7
 142 71.9 65.1 97.7

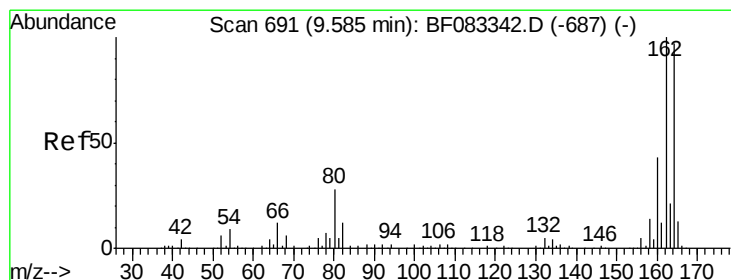
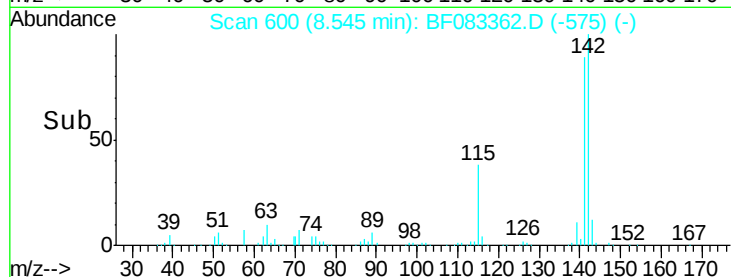
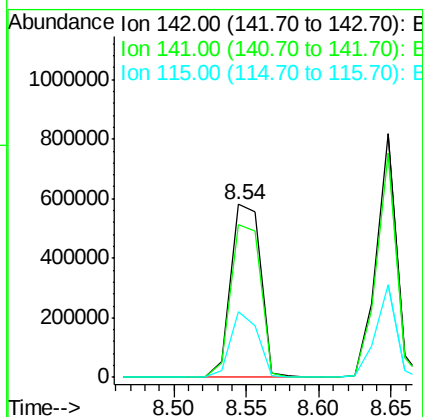
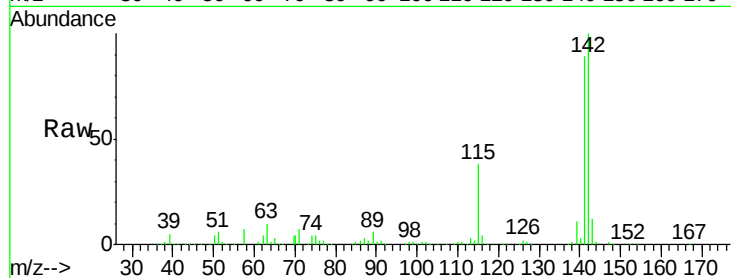




#37
 2-Methylnaphthalene
 Concen: 33.94 ng
 RT: 8.54 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

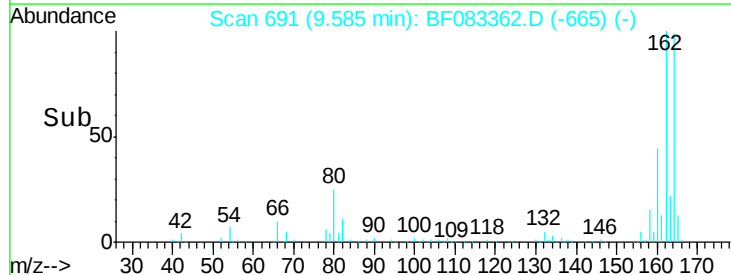
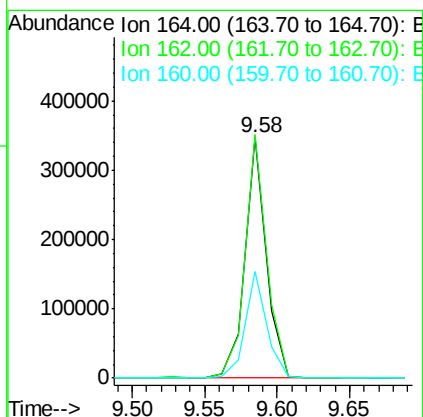
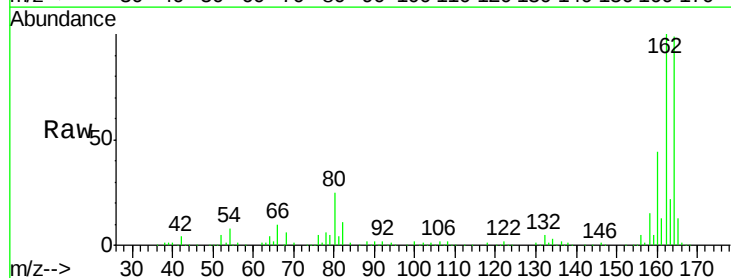
Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

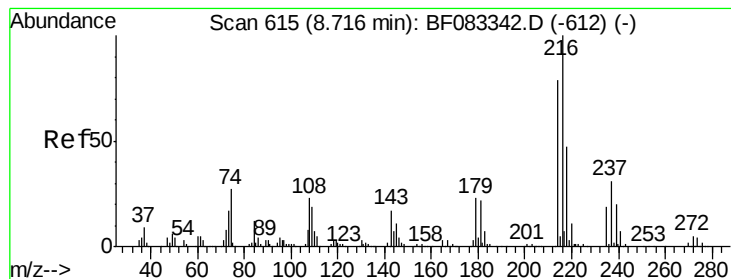
Tgt Ion:142 Resp: 826953
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.6 105.8
 115 38.3 26.2 39.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion:164 Resp: 353443
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.6 123.8
 160 44.1 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.80 ng

RT: 8.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

Tgt Ion:216 Resp: 356264

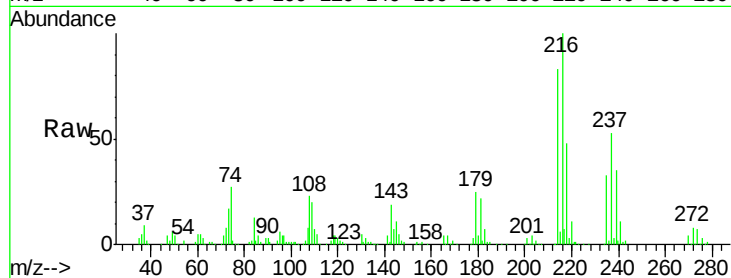
Ion Ratio Lower Upper

216 100

214 81.1 62.3 93.5

179 22.3 17.0 25.4

108 23.4 16.7 25.1

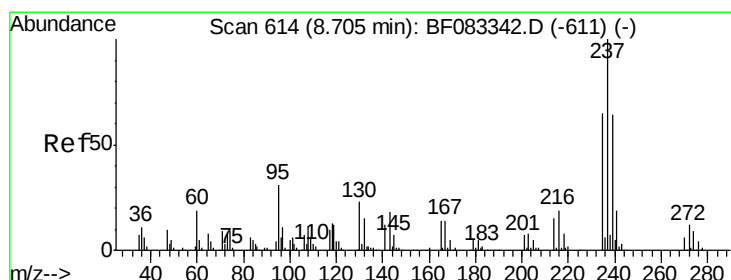
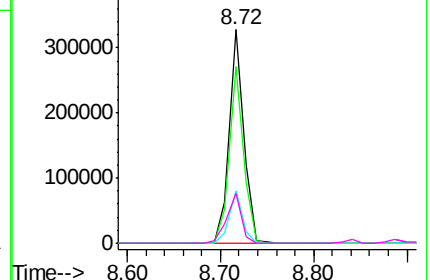
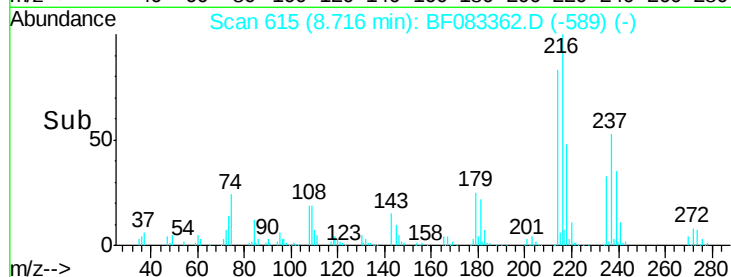


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.46 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

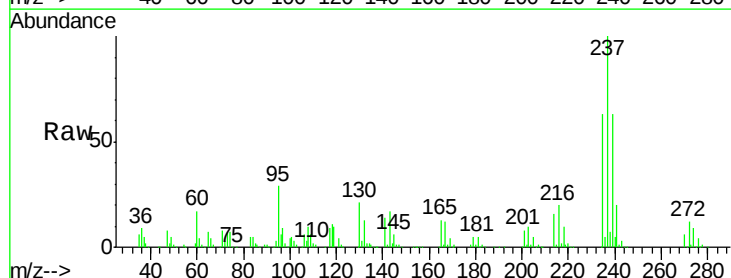
Tgt Ion:237 Resp: 369666

Ion Ratio Lower Upper

237 100

235 62.9 44.5 84.5

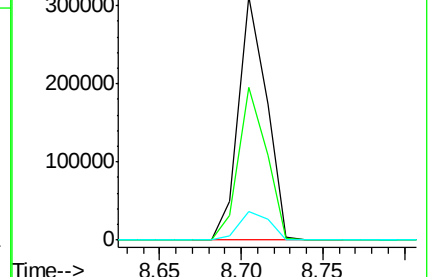
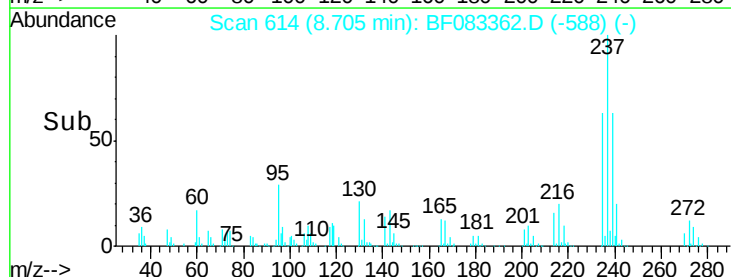
272 12.0 0.0 31.6

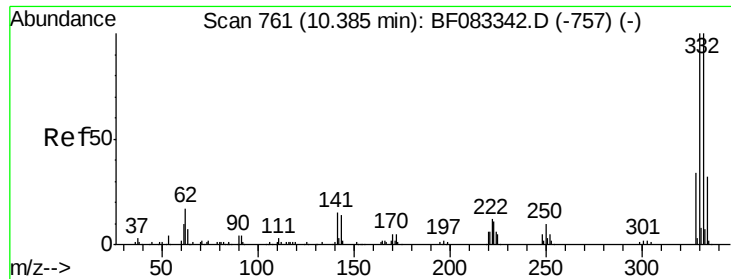


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

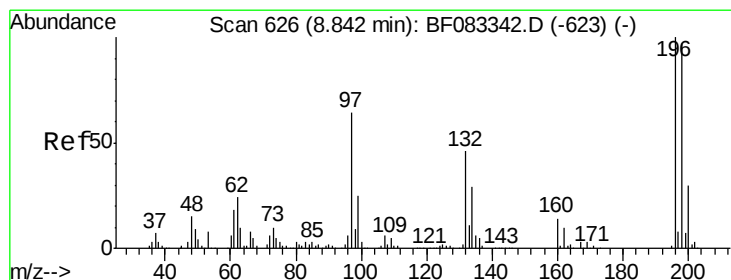
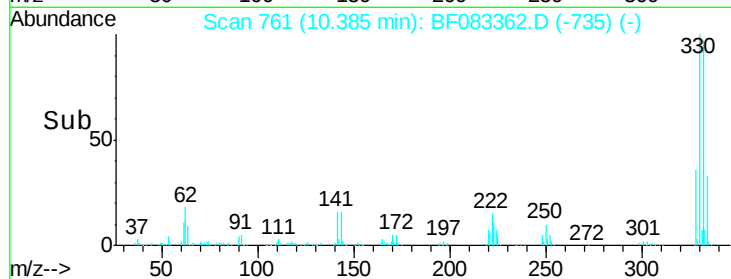
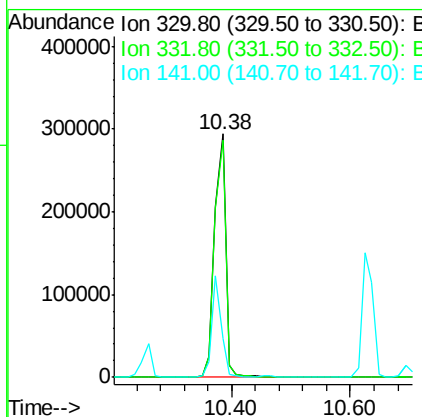
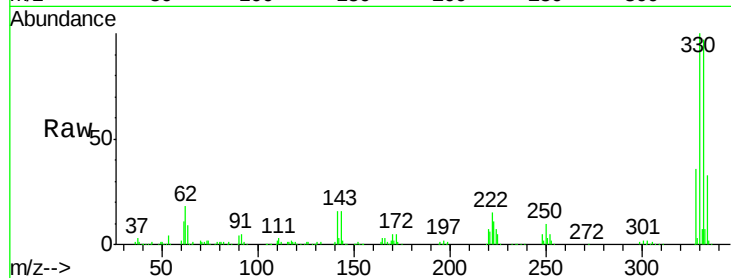




#41
 2,4,6-Tribromophenol
 Concen: 107.73 ng
 RT: 10.38 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

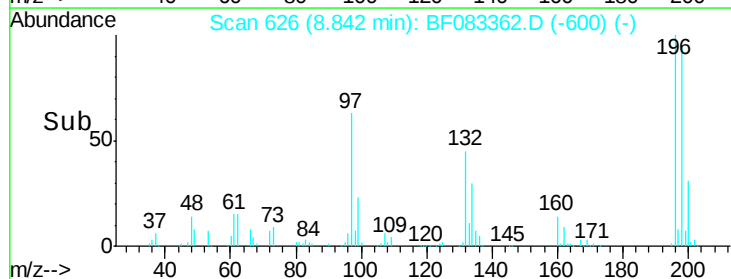
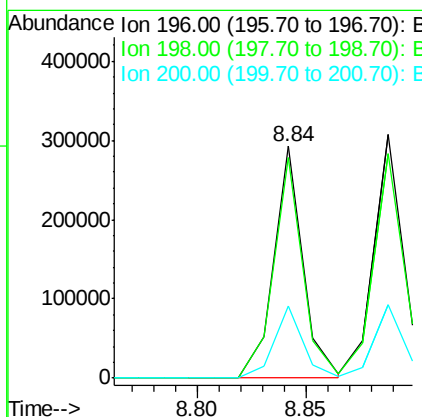
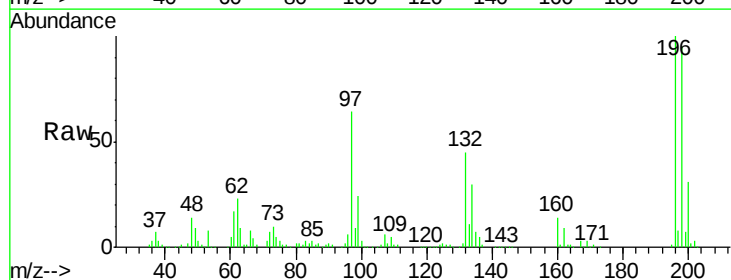
Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

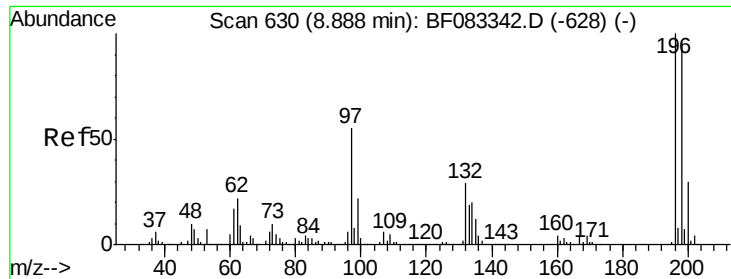
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	382215		
332	98.1	77.8	116.6	
141	35.5	29.4	44.0	



#42
 2,4,6-Trichlorophenol
 Concen: 35.10 ng
 RT: 8.84 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275814		
198	95.3	77.2	115.8	
200	31.1	24.2	36.4	

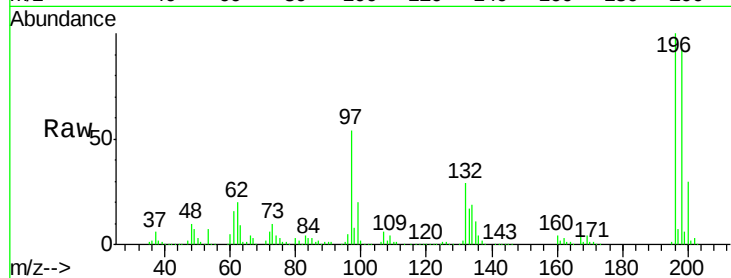




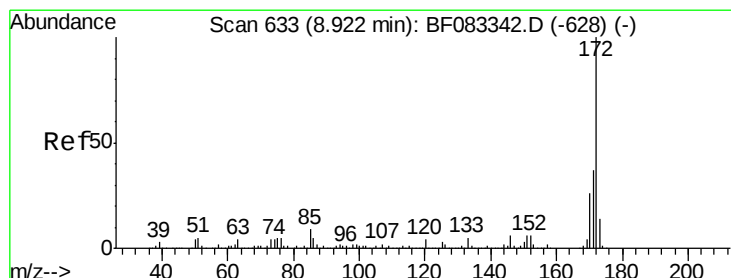
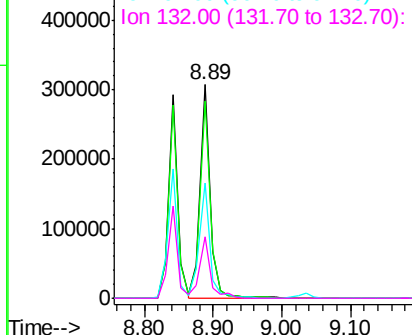
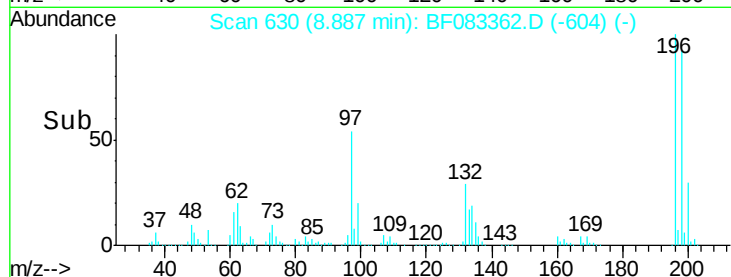
#43
 2,4,5-Trichlorophenol
 Concen: 37.78 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	77.2	115.8
97	54.1	44.4	66.6
132	28.6	23.2	34.8

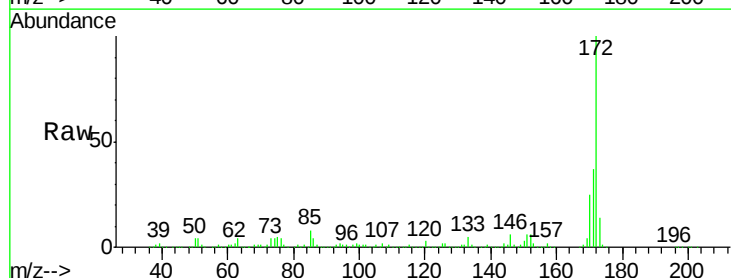


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

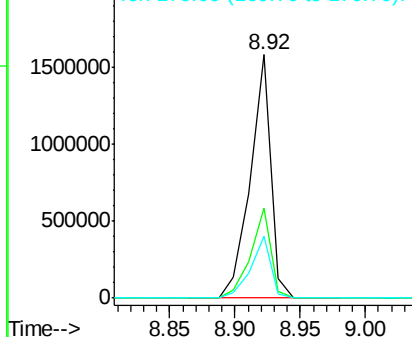
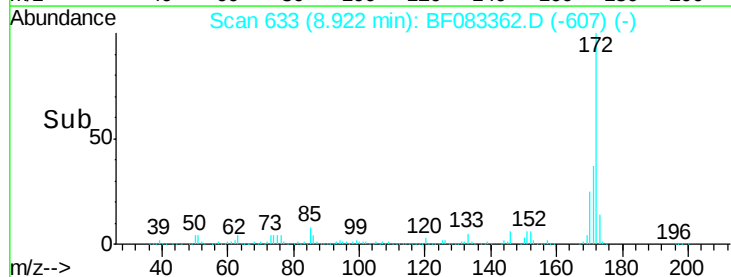


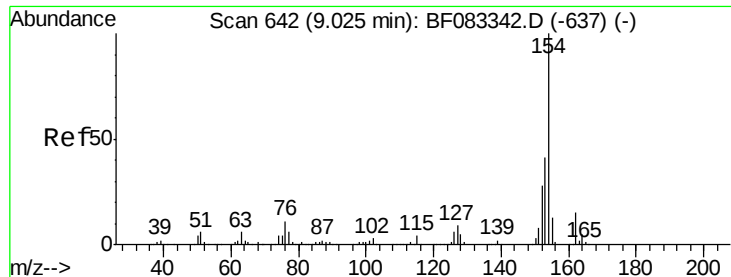
#44
 2-Fluorobiphenyl
 Concen: 70.25 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.2	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

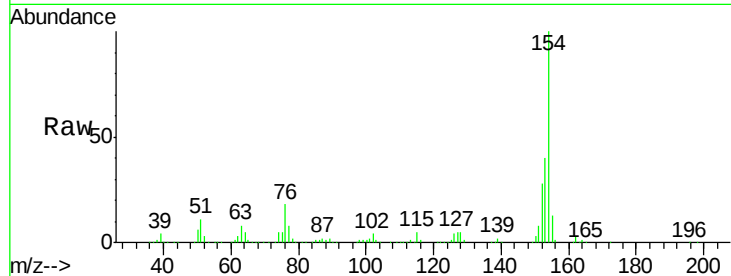




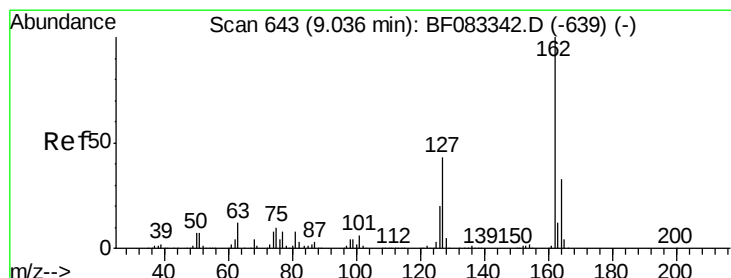
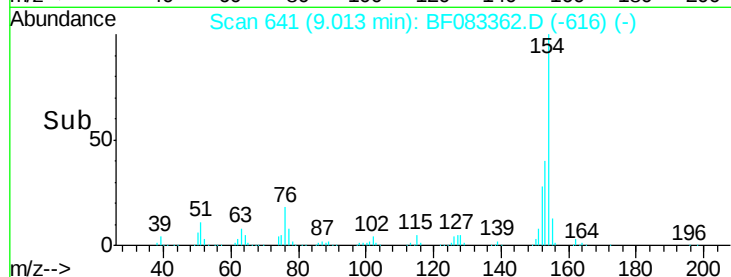
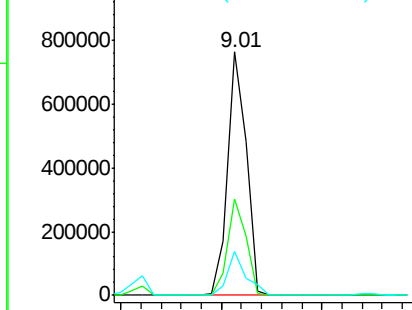
#45
 1,1'-Biphenyl
 Concen: 31.85 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tgt Ion:154 Resp: 987074
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.6 60.6
 76 18.1 0.0 30.5

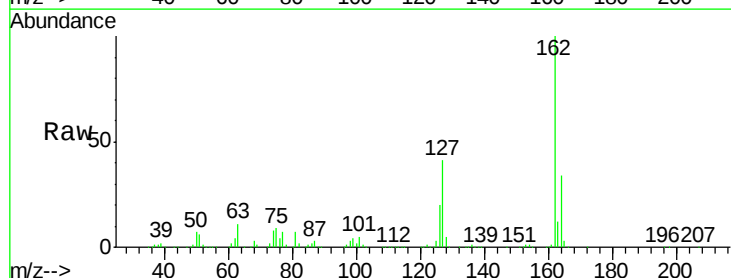


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

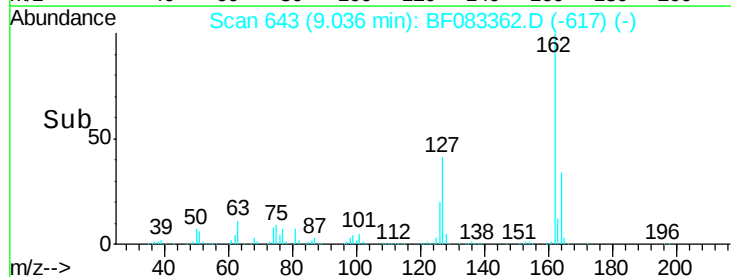
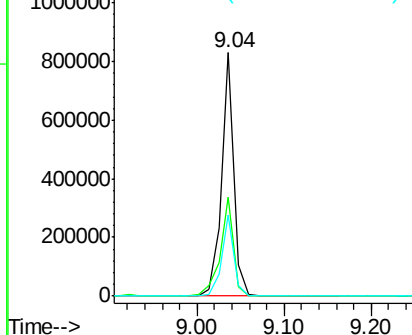


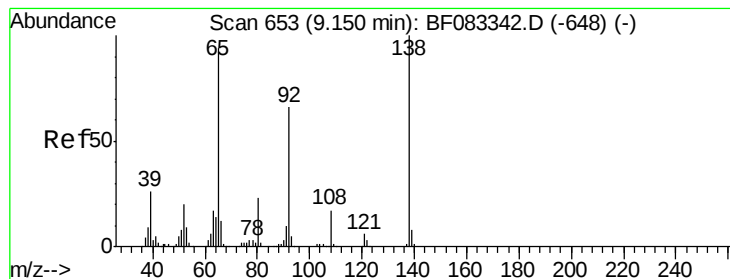
#46
 2-Chloronaphthalene
 Concen: 34.91 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion:162 Resp: 824411
 Ion Ratio Lower Upper
 162 100
 127 40.9 34.1 51.1
 164 33.5 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: 33.59 ng

RT: 9.15 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

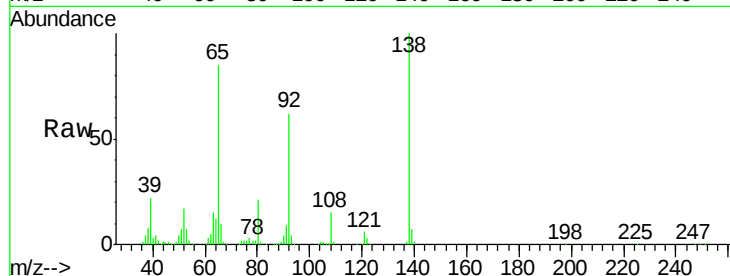
Tgt Ion: 65 Resp: 314157

Ion Ratio Lower Upper

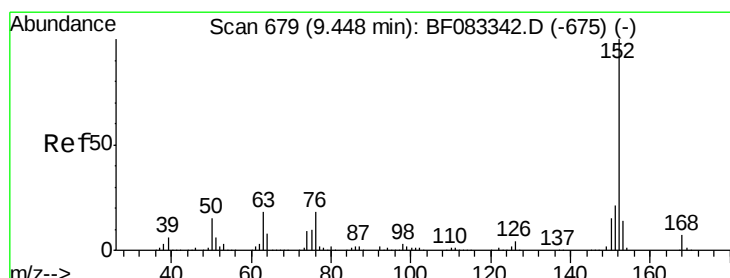
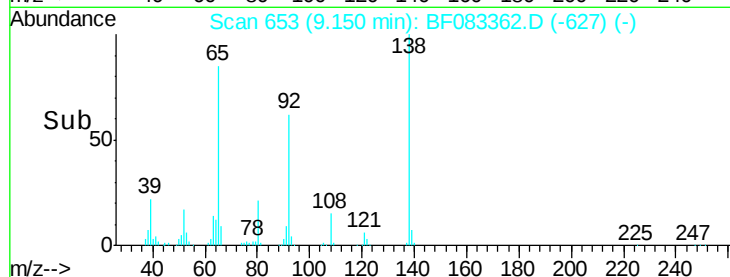
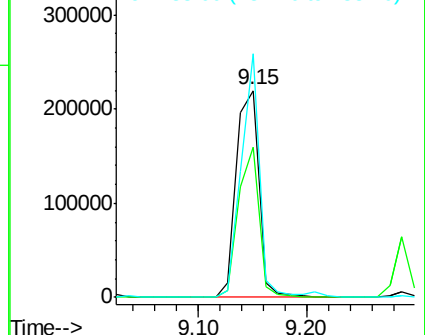
65 100

92 72.9 56.2 84.4

138 117.9 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: 33.79 ng

RT: 9.45 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

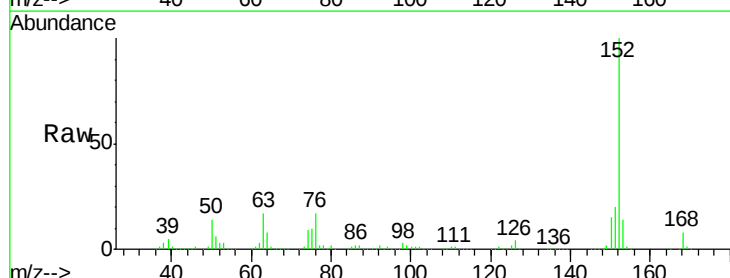
Tgt Ion: 152 Resp: 1272846

Ion Ratio Lower Upper

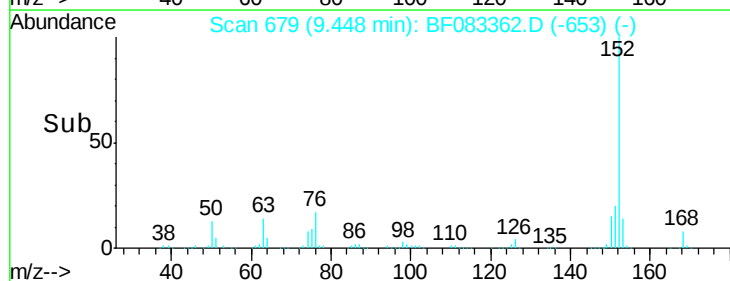
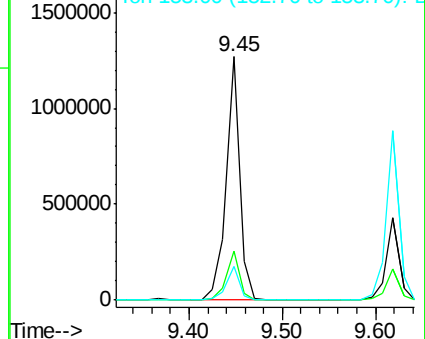
152 100

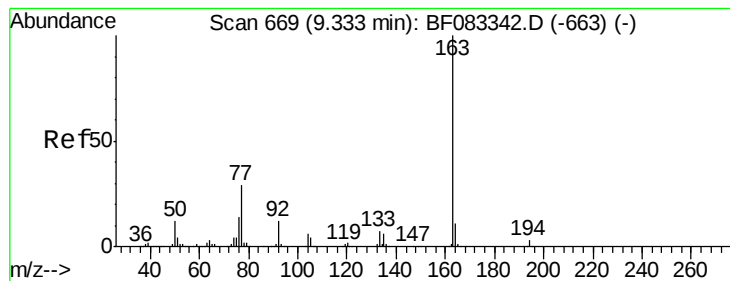
151 20.3 16.7 25.1

153 14.0 11.2 16.8



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





#49

Dimethylphthalate

Concen: 33.84 ng

RT: 9.33 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

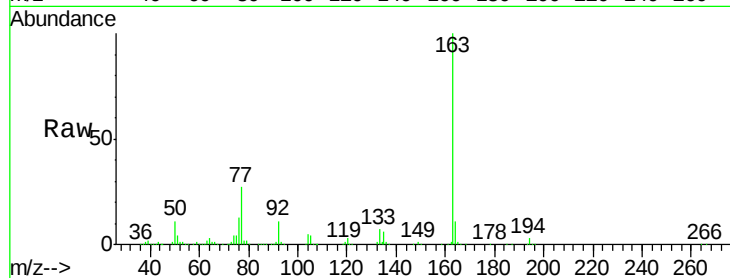
Tgt Ion:163 Resp: 971935

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

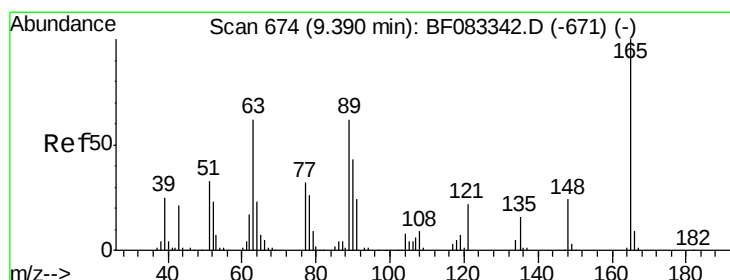
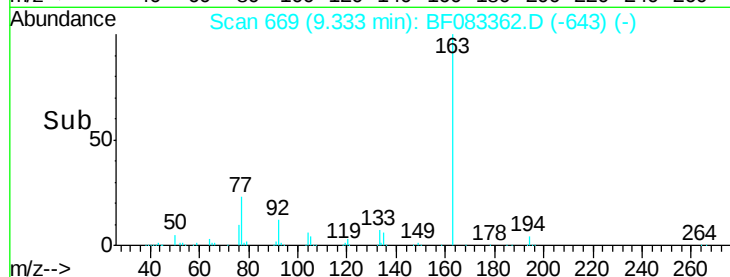
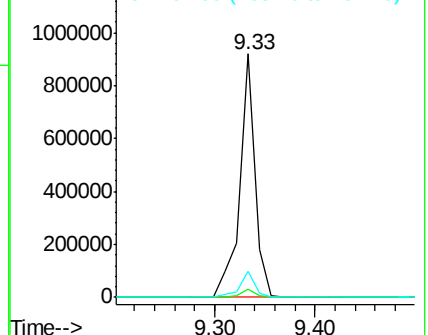
164 10.7 8.8 13.2



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: 36.55 ng

RT: 9.39 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

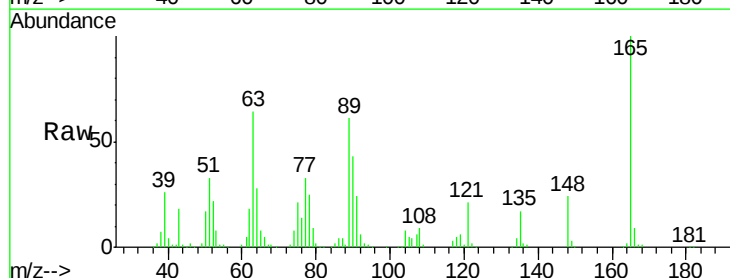
Tgt Ion:165 Resp: 224224

Ion Ratio Lower Upper

165 100

63 64.1 56.0 84.0

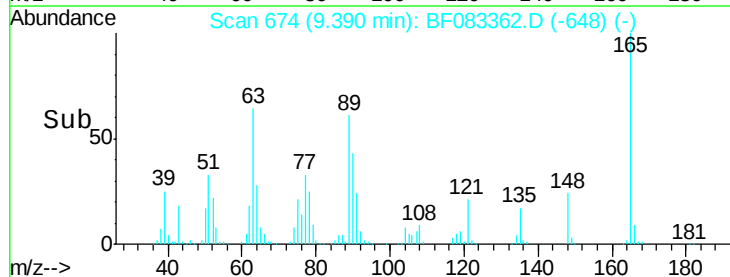
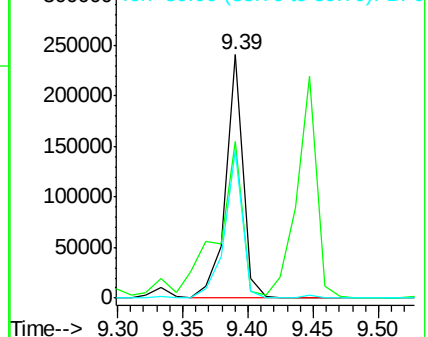
89 60.7 49.8 74.8

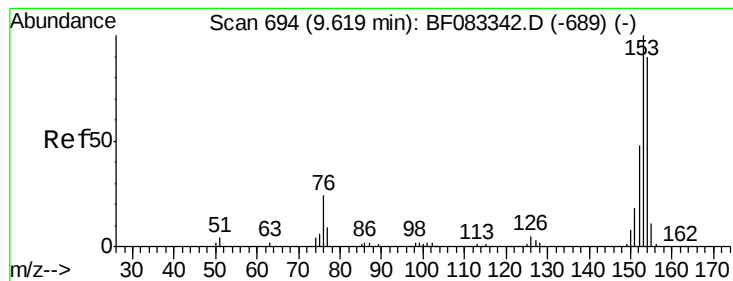


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.50 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

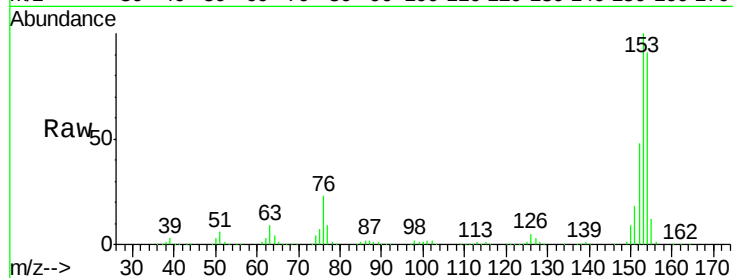
Tgt Ion:154 Resp: 764441

Ion Ratio Lower Upper

154 100

153 110.1 89.3 133.9

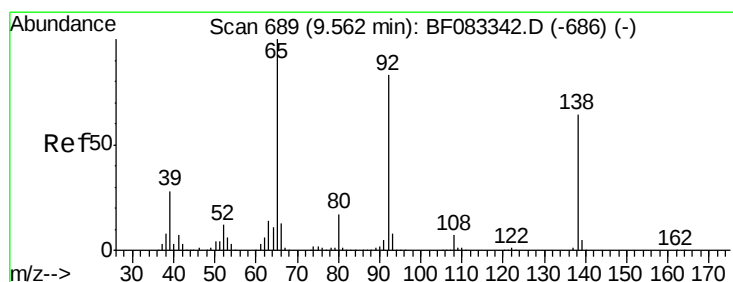
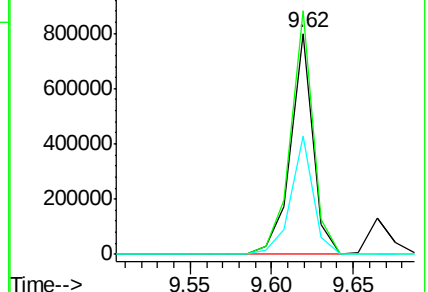
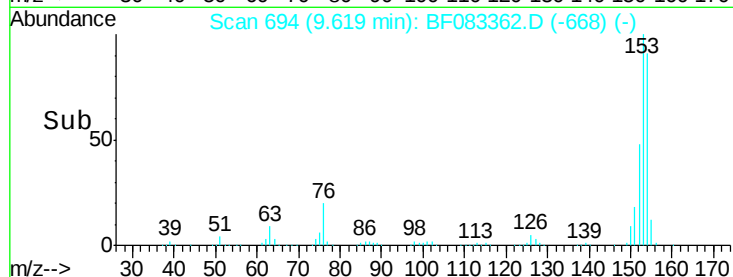
152 53.3 42.5 63.7



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: 15.14 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

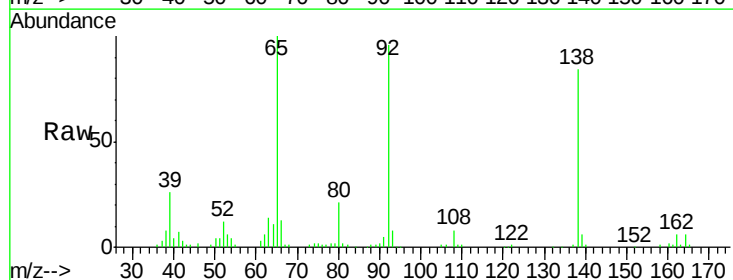
Tgt Ion:138 Resp: 108851

Ion Ratio Lower Upper

138 100

108 9.8 8.4 12.6

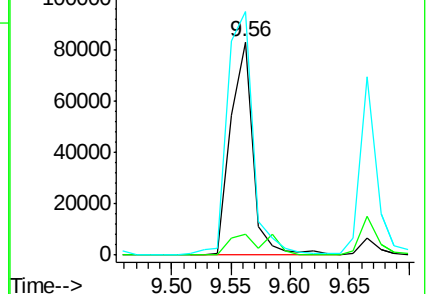
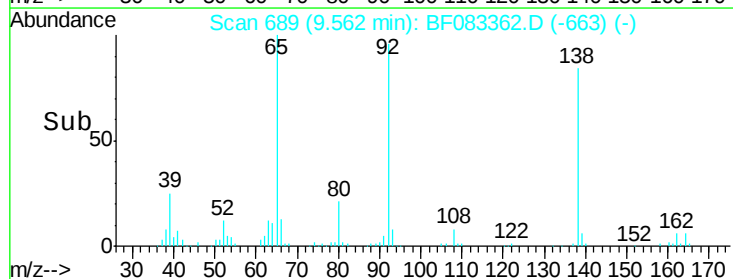
92 114.2 104.2 156.4

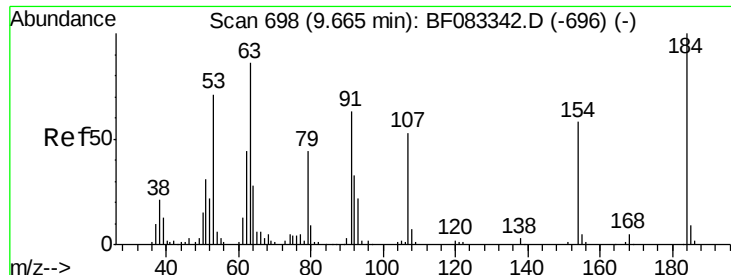


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

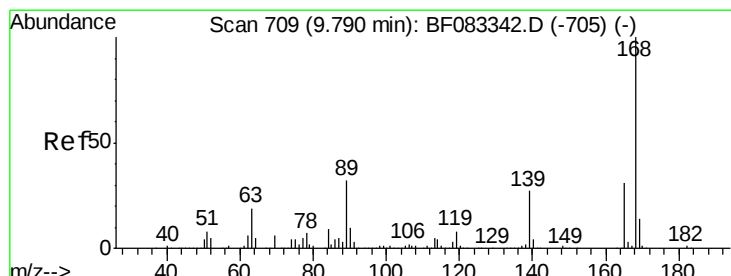
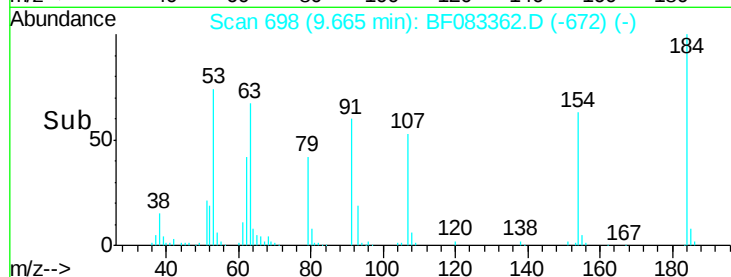
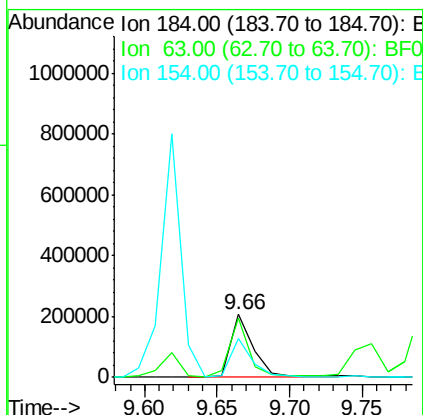
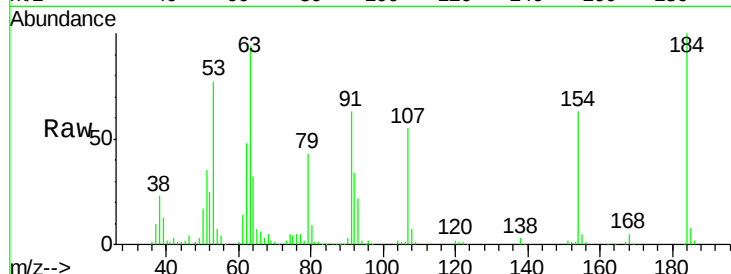




#53
 2,4-Dinitrophenol
 Concen: 62.25 ng
 RT: 9.66 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

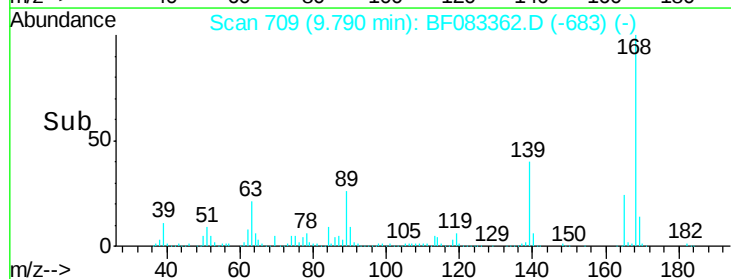
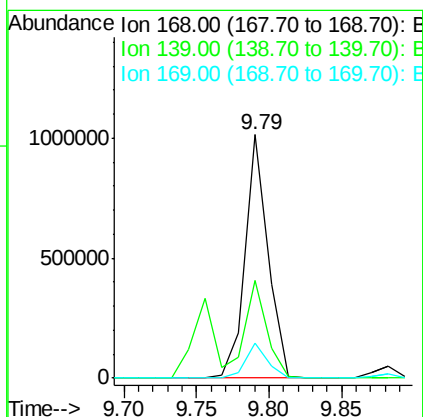
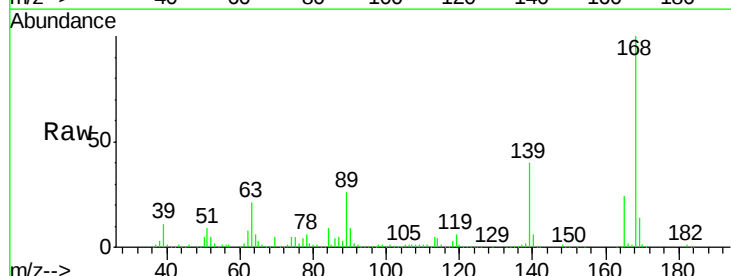
Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

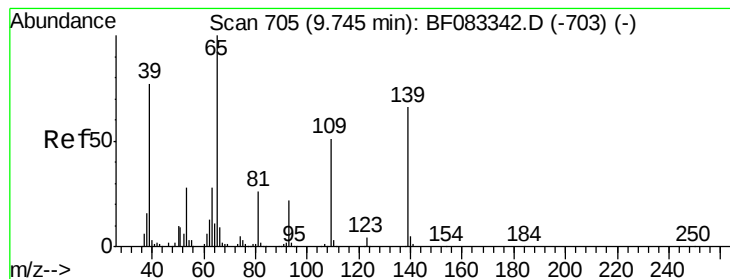
Tgt Ion:184 Resp: 226487
 Ion Ratio Lower Upper
 184 100
 63 94.0 69.0 103.6
 154 62.5 50.0 75.0



#54
 Dibenzofuran
 Concen: 34.17 ng
 RT: 9.79 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion:168 Resp: 1109556
 Ion Ratio Lower Upper
 168 100
 139 40.0 32.7 49.1
 169 14.1 11.1 16.7





#55

4-Nitrophenol

Concen: 76.42 ng

RT: 9.76 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

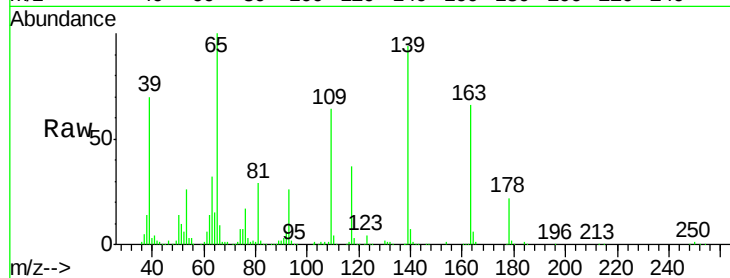
Tgt Ion:139 Resp: 343649

Ion Ratio Lower Upper

139 100

109 67.6 57.4 97.4

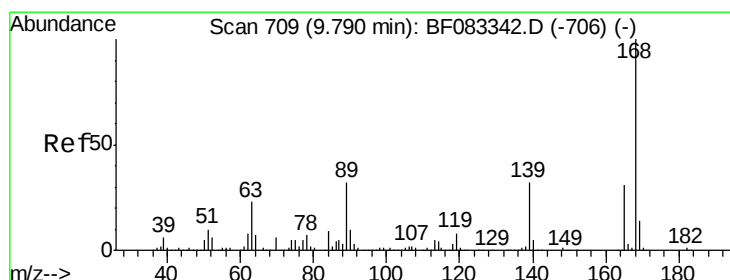
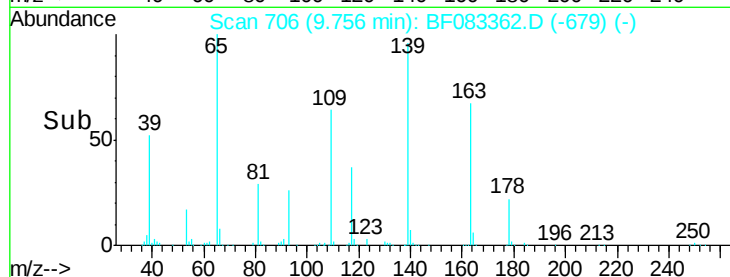
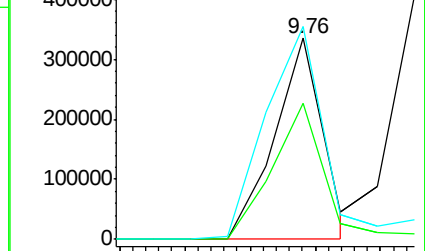
65 106.1 131.6 171.6#



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: 34.87 ng

RT: 9.79 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Tgt Ion:165 Resp: 271417

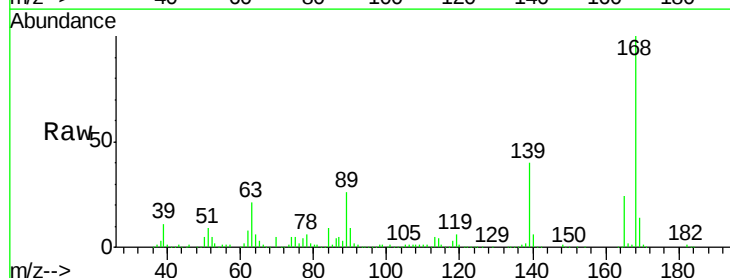
Ion Ratio Lower Upper

165 100

63 87.6 65.4 98.0

89 106.1 81.2 121.8

182 2.3 1.8 2.8

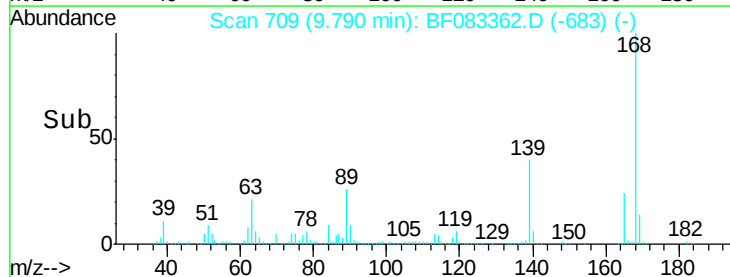
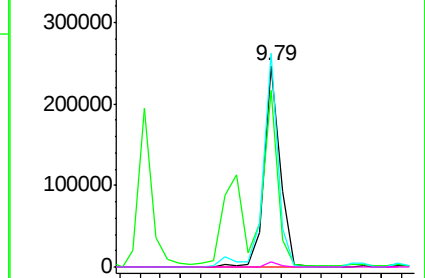


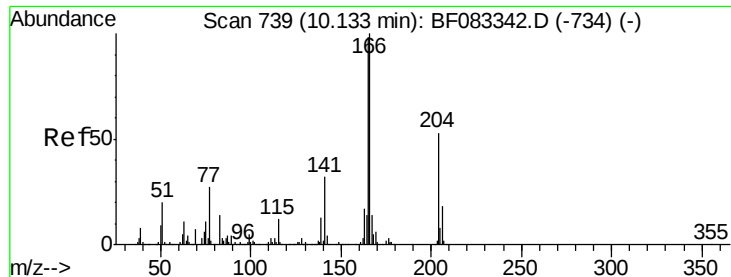
Abundance Ion 165.00 (164.70 to 165.70): E

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

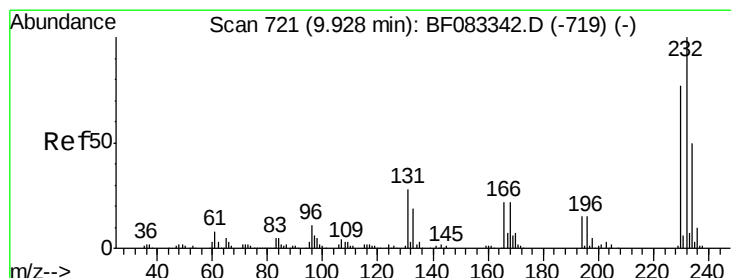
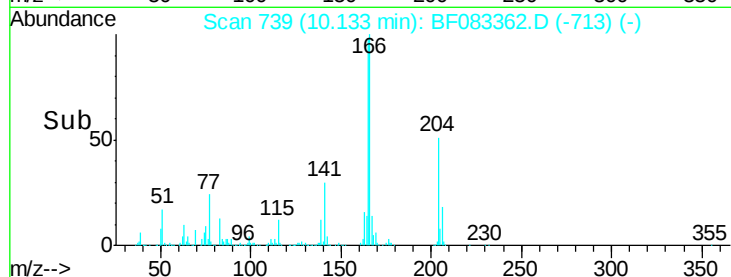
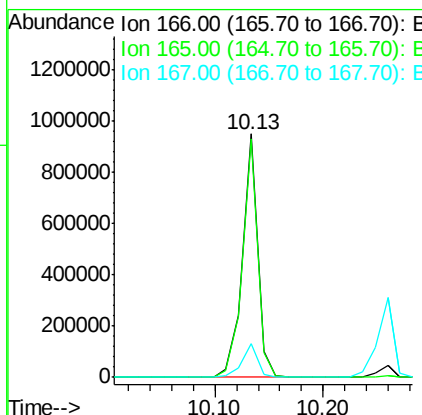
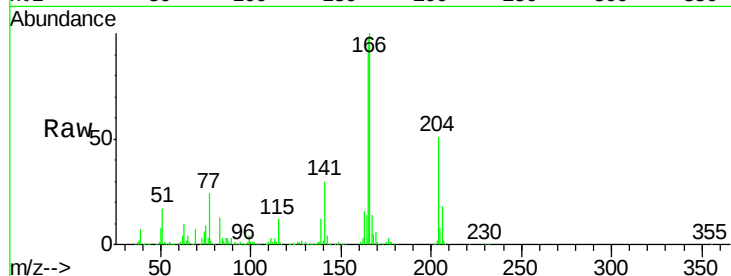




#57
 Fluorene
 Concen: 35.55 ng
 RT: 10.13 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

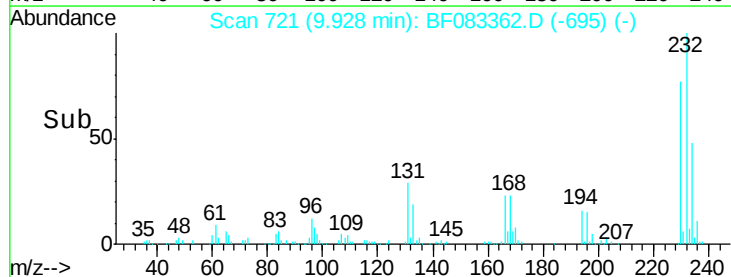
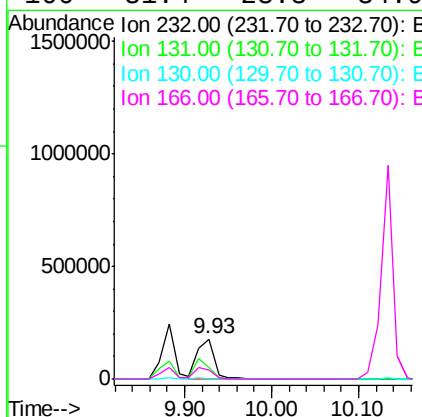
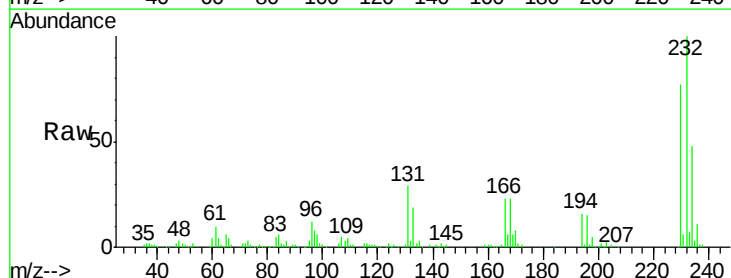
Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

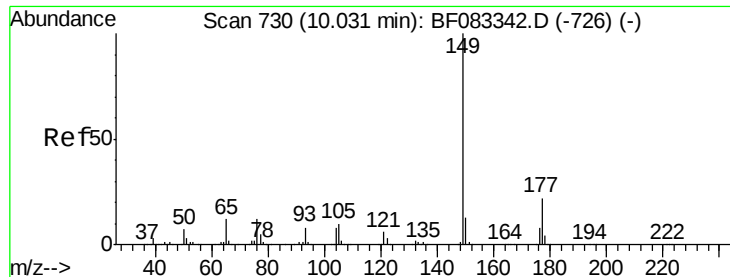
Tgt Ion:166 Resp: 911527
 Ion Ratio Lower Upper
 166 100
 165 98.2 78.3 117.5
 167 14.1 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.67 ng
 RT: 9.93 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion:232 Resp: 234336
 Ion Ratio Lower Upper
 232 100
 131 46.4 35.4 53.2
 130 2.1 1.7 2.5
 166 31.4 23.3 34.9

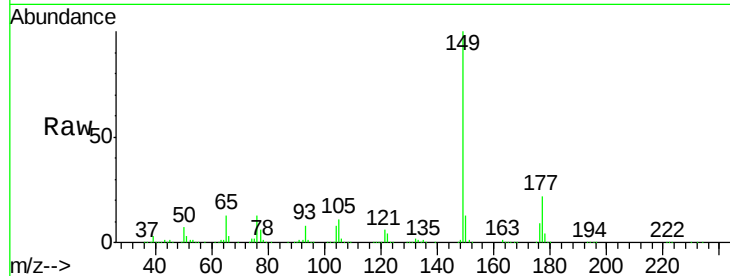




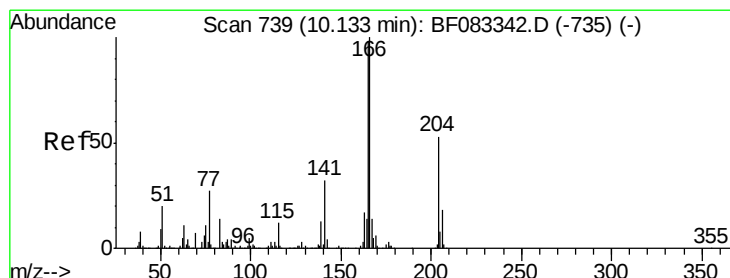
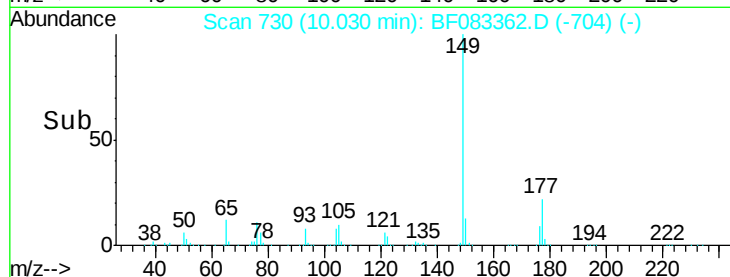
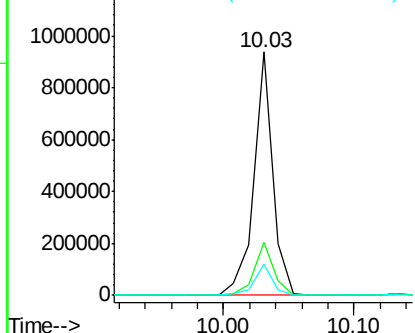
#59
Diethylphthalate
Concen: 34.64 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampleId :
PB86923BS

Tgt Ion:149 Resp: 948355
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.2
150 12.6 10.4 15.6

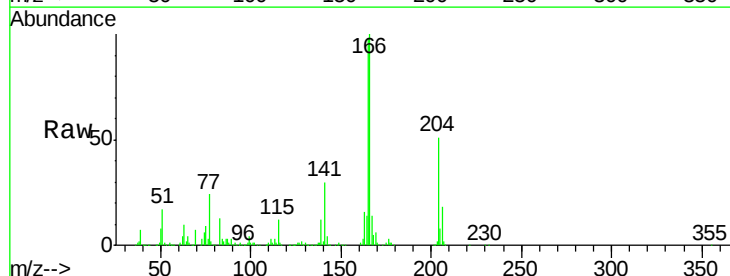


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

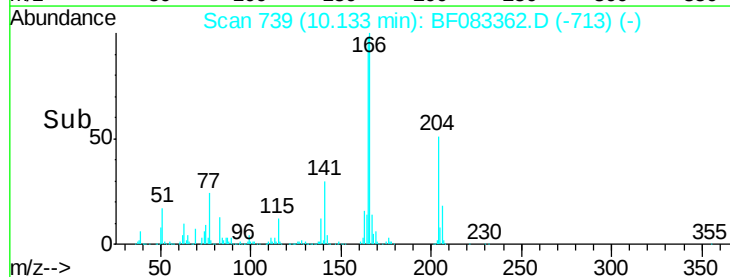
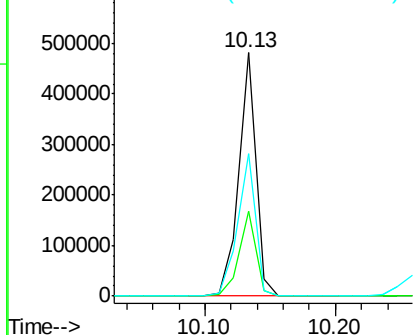


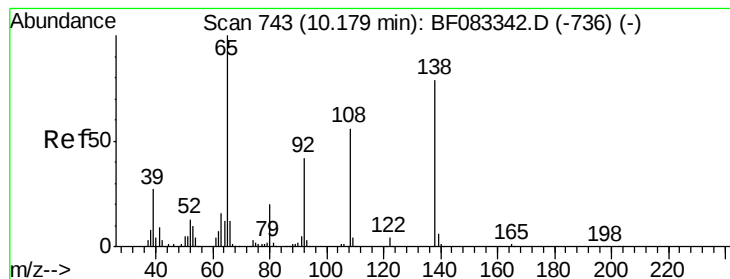
#60
4-Chlorophenyl-phenylether
Concen: 37.07 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion:204 Resp: 436717
Ion Ratio Lower Upper
204 100
206 34.8 27.5 41.3
141 58.7 48.1 72.1



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





#61

4-Nitroaniline

Concen: 32.10 ng

RT: 10.18 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

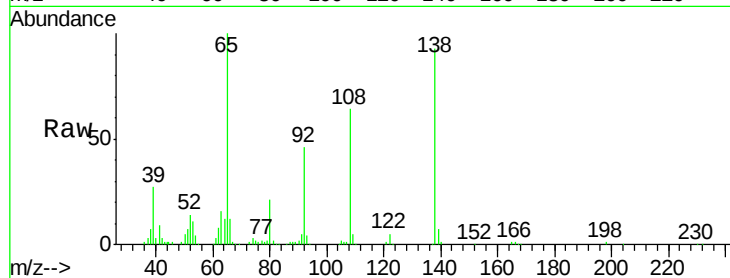
Tgt Ion:138 Resp: 230895

Ion Ratio Lower Upper

138 100

92 49.1 33.6 73.6

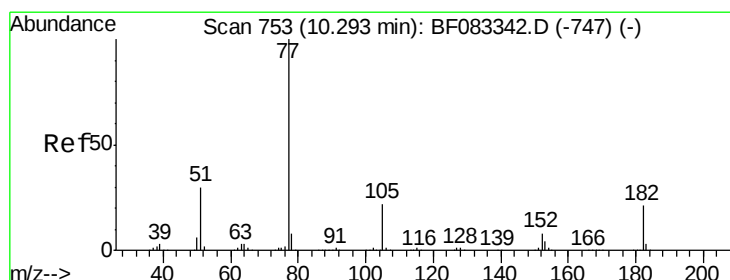
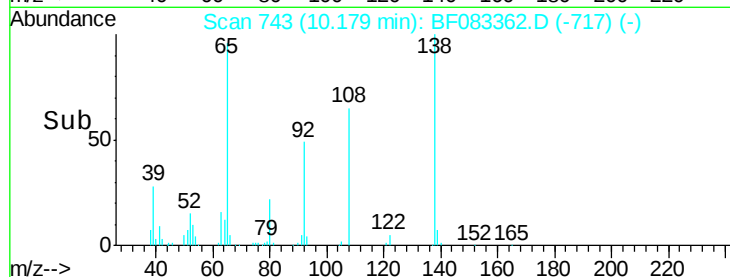
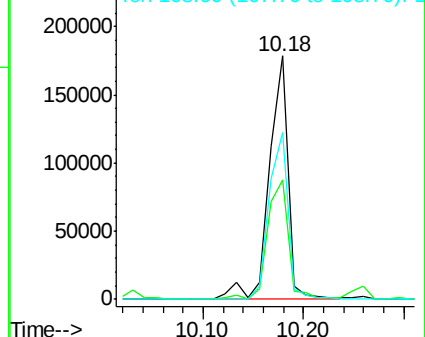
108 68.5 51.0 91.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.98 ng

RT: 10.29 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Tgt Ion: 77 Resp: 1256001

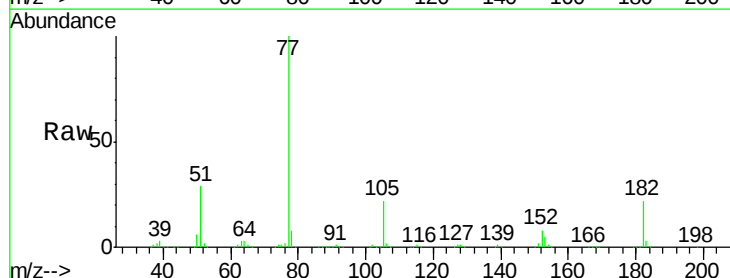
Ion Ratio Lower Upper

77 100

182 22.2 0.8 40.8

105 22.0 2.3 42.3

51 29.2 10.6 50.6

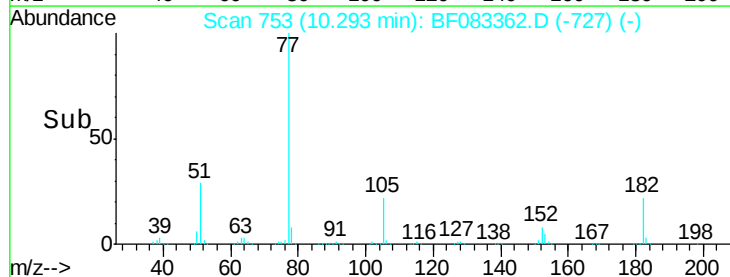
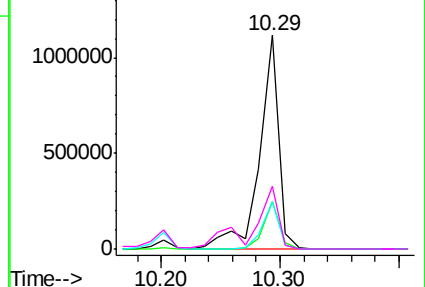


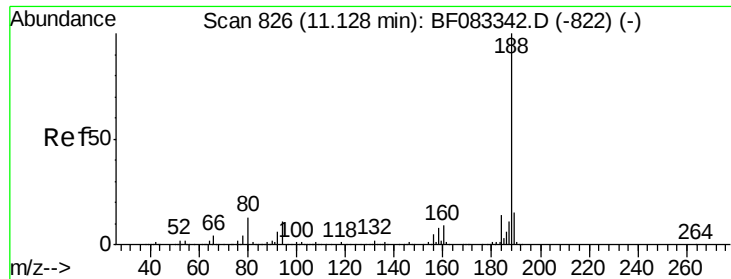
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

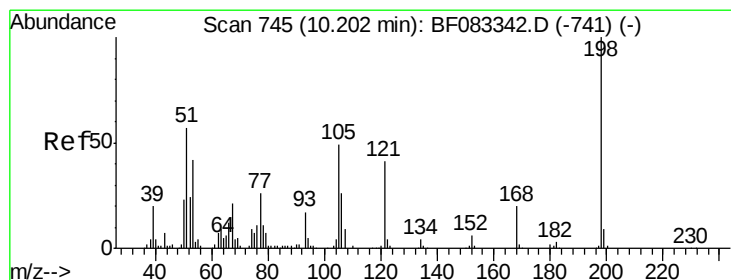
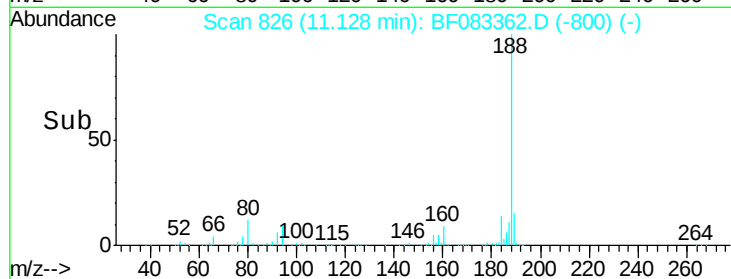
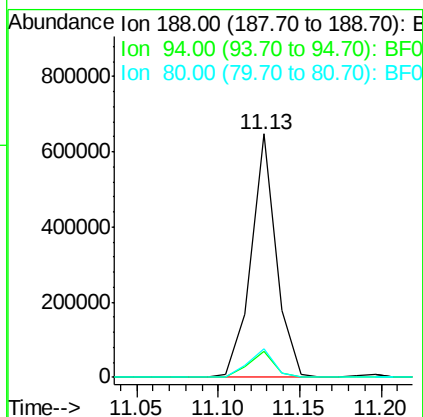
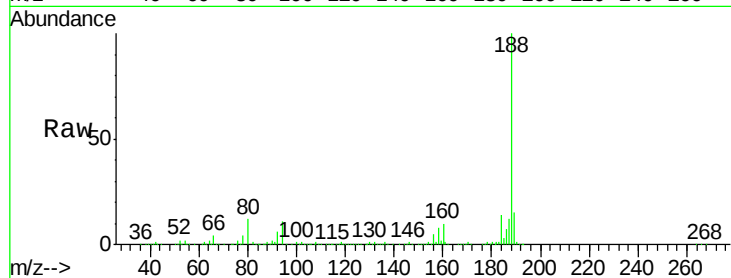




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

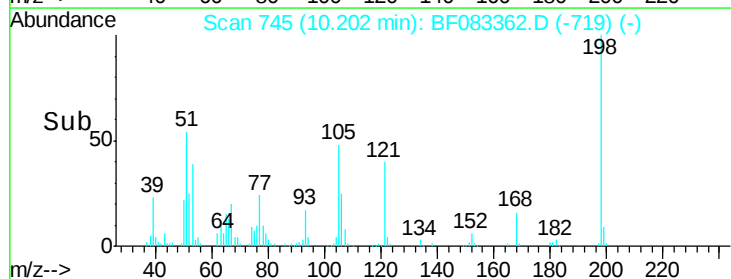
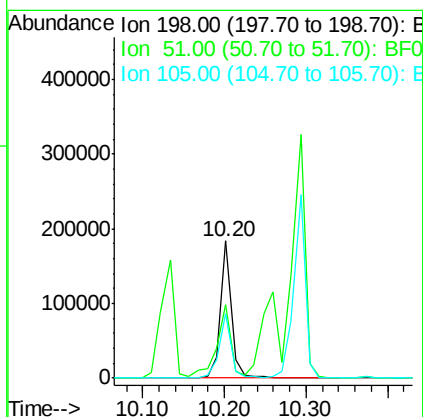
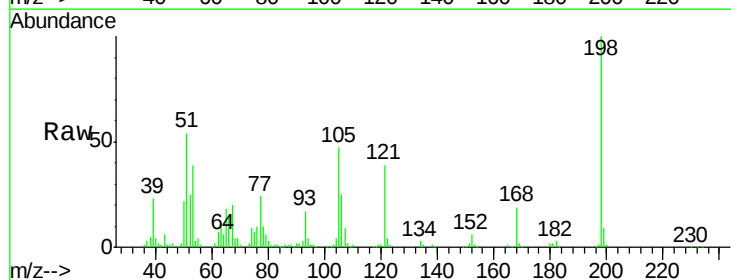
Instrument :
BNA_F
ClientSampleId :
PB86923BS

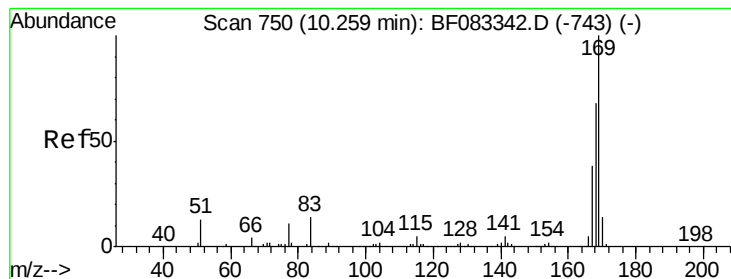
Tgt Ion:188 Resp: 694375
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 11.7 10.3 15.5



#64
4,6-Dinitro-2-methylphenol
Concen: 36.73 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion:198 Resp: 171266
Ion Ratio Lower Upper
198 100
51 53.9 38.3 78.3
105 47.4 29.2 69.2

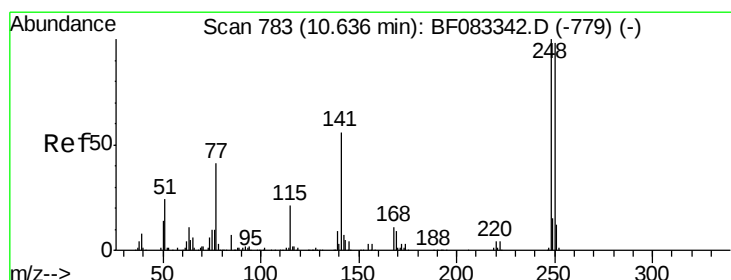
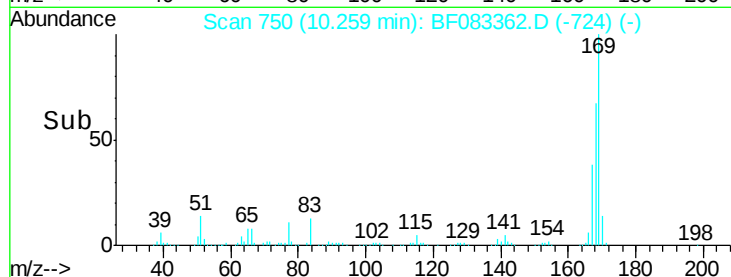
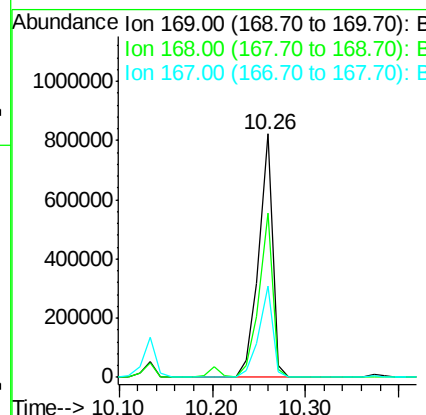
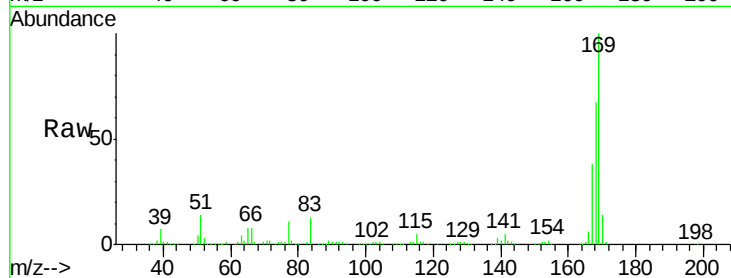




#65
 n-Nitrosodiphenylamine
 Concen: 35.07 ng
 RT: 10.26 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

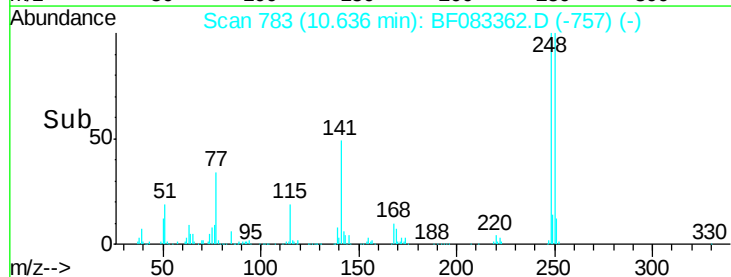
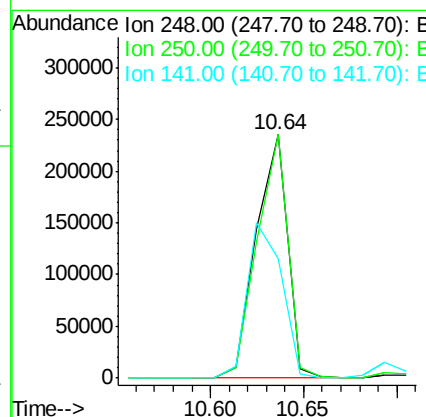
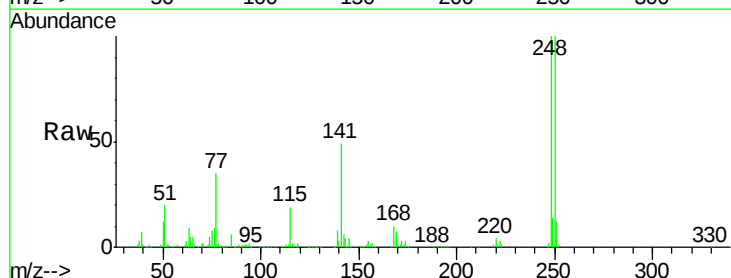
Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

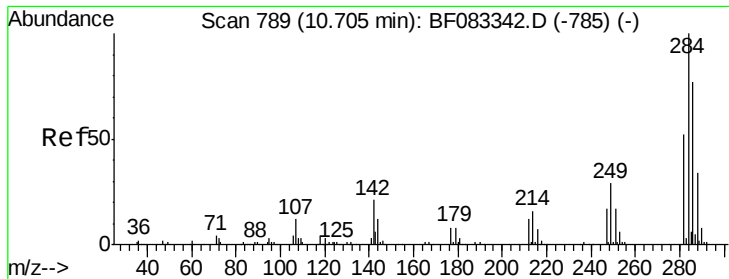
Tgt Ion:169 Resp: 855834
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.8 82.2
 167 37.7 30.2 45.2



#66
 4-Bromophenyl-phenylether
 Concen: 36.15 ng
 RT: 10.64 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion:248 Resp: 274614
 Ion Ratio Lower Upper
 248 100
 250 100.2 78.6 118.0
 141 49.2 44.4 66.6

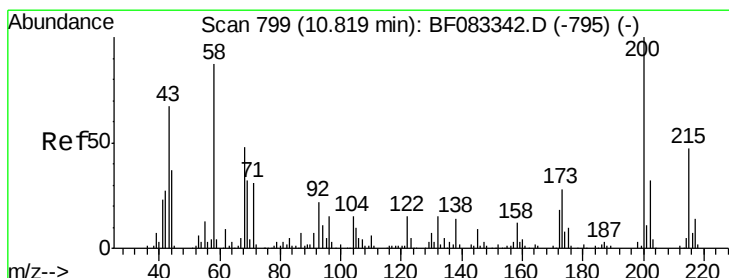
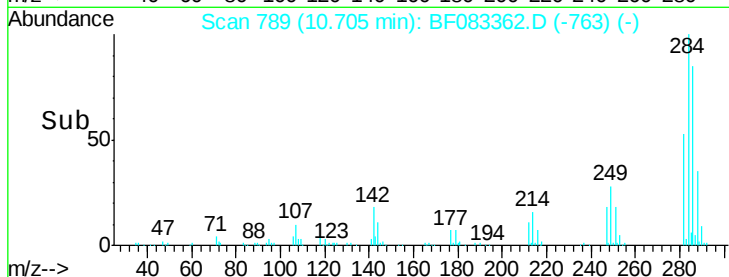
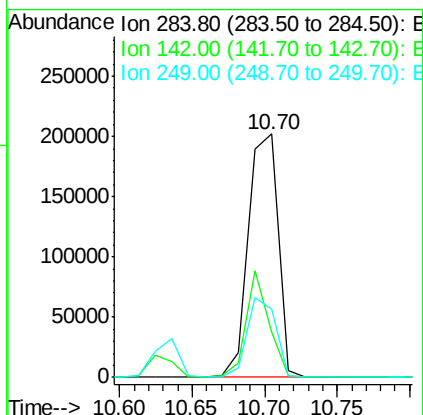
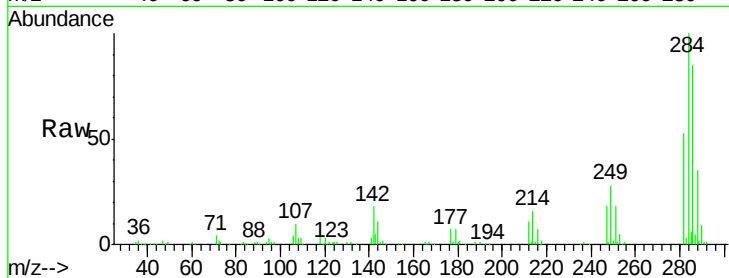




#67
Hexachlorobenzene
Concen: 34.30 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

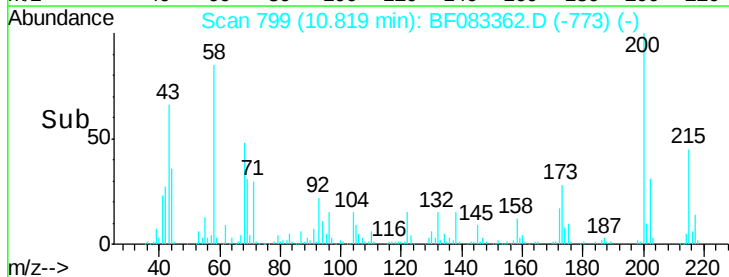
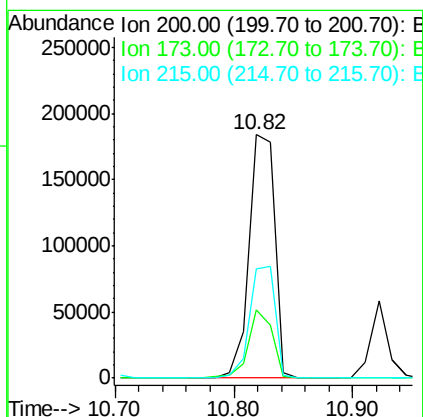
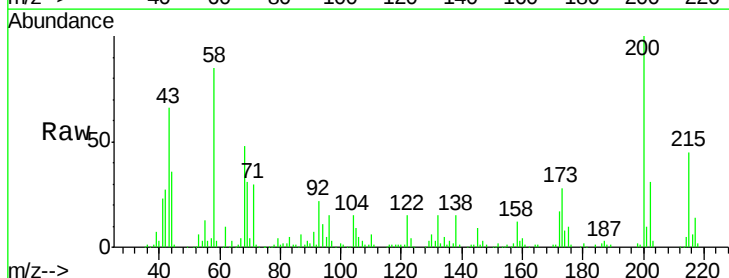
Instrument :
BNA_F
ClientSampleId :
PB86923BS

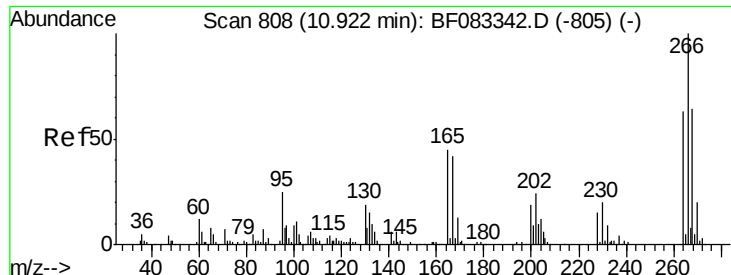
Tgt Ion:284 Resp: 288066
Ion Ratio Lower Upper
284 100
142 18.4 16.6 24.8
249 28.0 23.0 34.4



#68
Atrazine
Concen: 41.40 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion:200 Resp: 279407
Ion Ratio Lower Upper
200 100
173 28.2 8.3 48.3
215 44.7 26.7 66.7

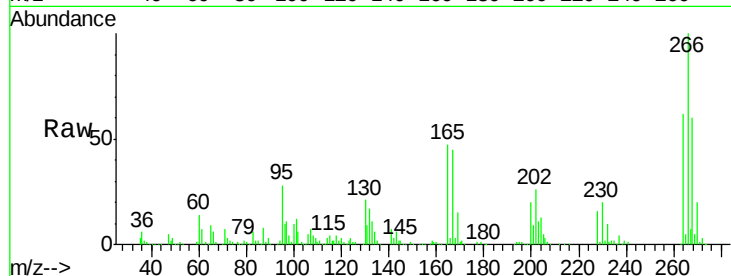




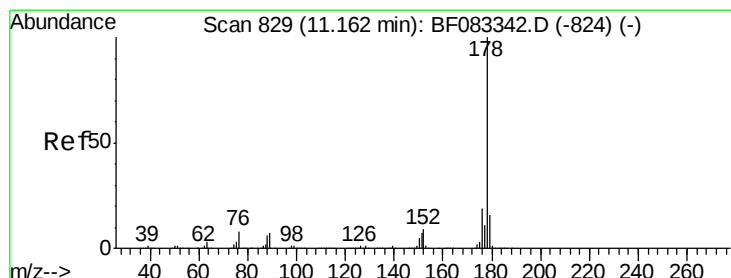
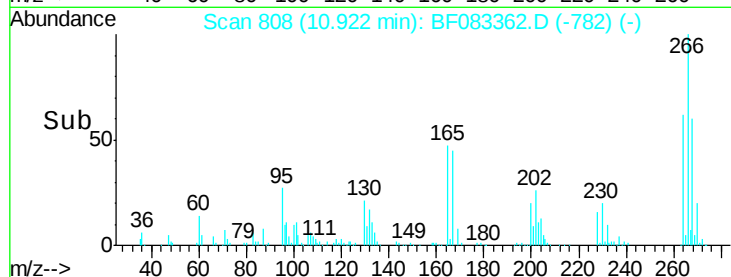
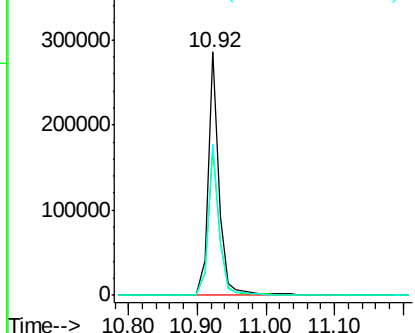
#69
 Pentachlorophenol
 Concen: 71.94 ng
 RT: 10.92 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tgt Ion:266 Resp: 316484
 Ion Ratio Lower Upper
 266 100
 268 60.3 51.5 77.3
 264 62.0 50.4 75.6

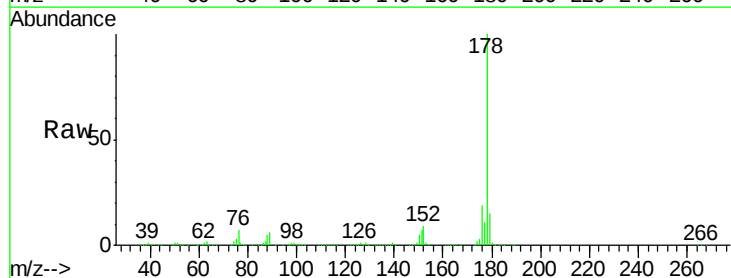


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

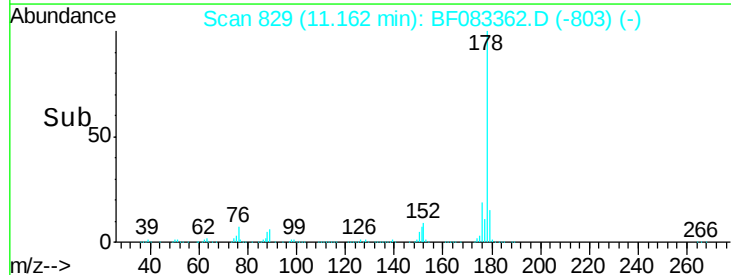
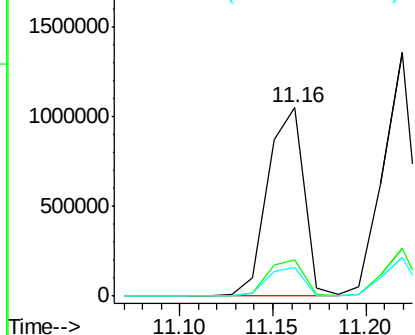


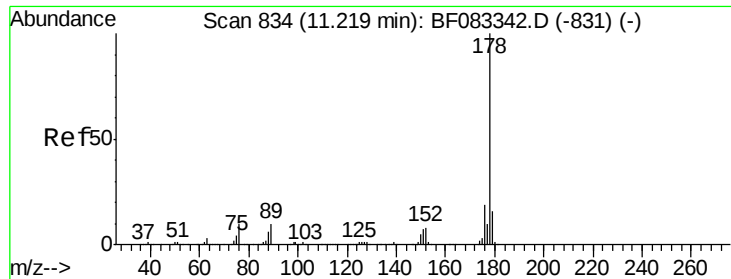
#70
 Phenanthrene
 Concen: 34.77 ng
 RT: 11.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion:178 Resp: 1428723
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 15.4 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

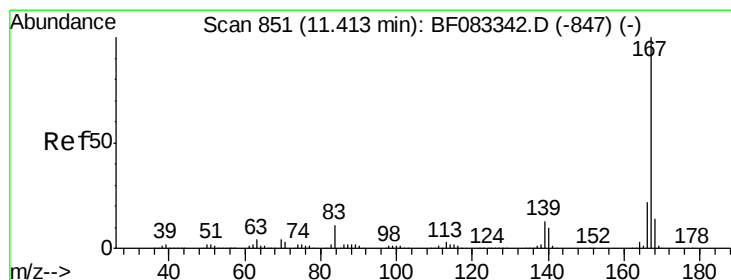
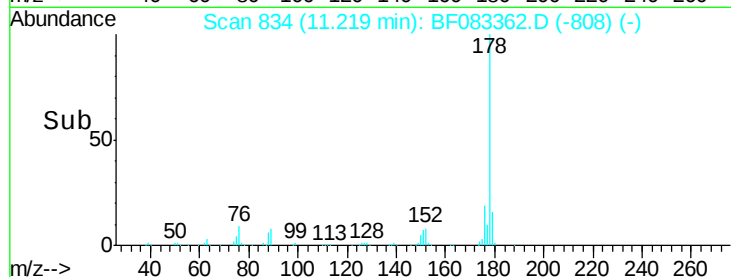
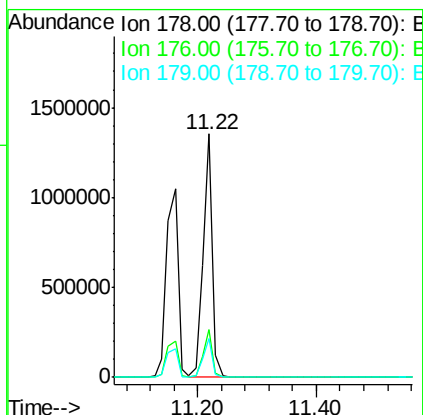
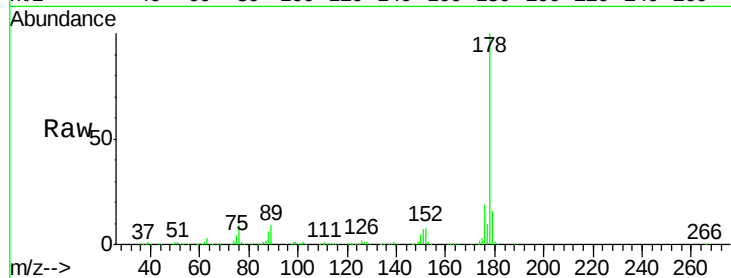




#71
 Anthracene
 Concen: 36.11 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

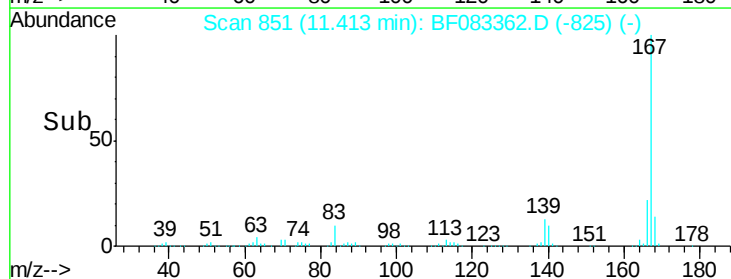
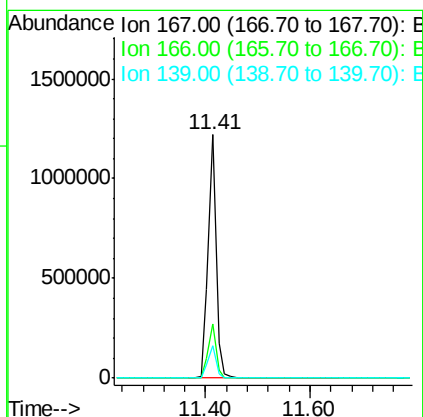
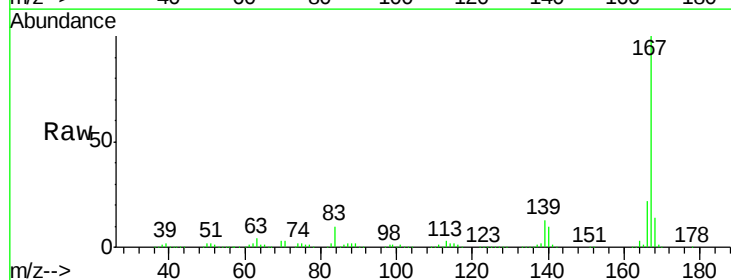
Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

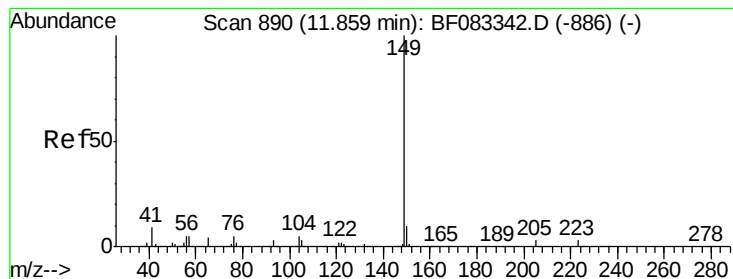
Tgt Ion:178 Resp: 1494003
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.9 12.8 19.2



#72
 Carbazole
 Concen: 35.03 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion:167 Resp: 1301941
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.0
 139 13.3 10.5 15.7





#73

Di-n-butylphthalate

Concen: 36.69 ng

RT: 11.86 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

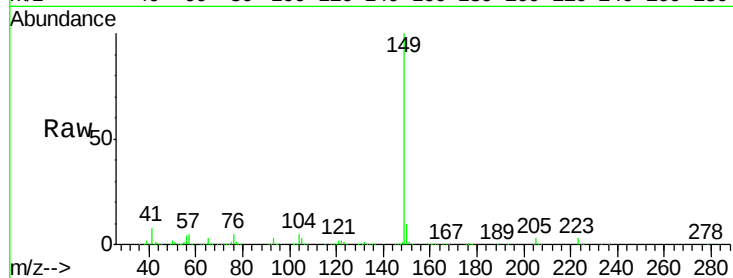
Tgt Ion:149 Resp: 1616113

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

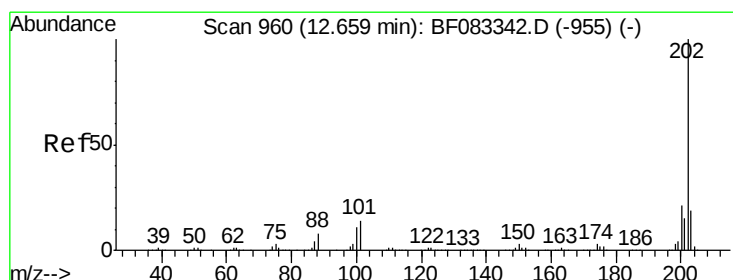
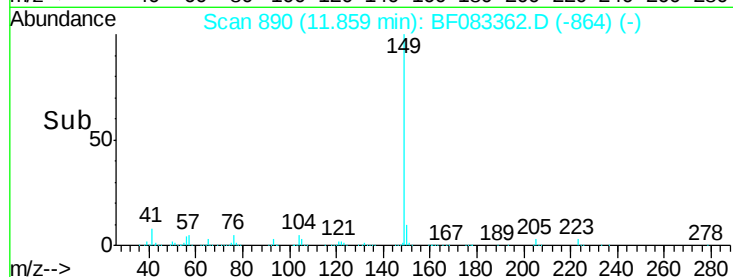
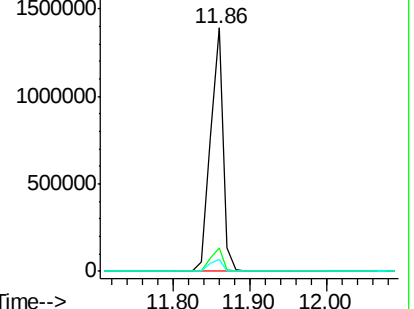
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.65 ng

RT: 12.66 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

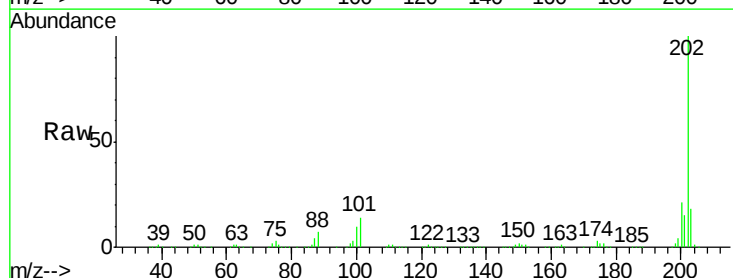
Tgt Ion:202 Resp: 1475867

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.5

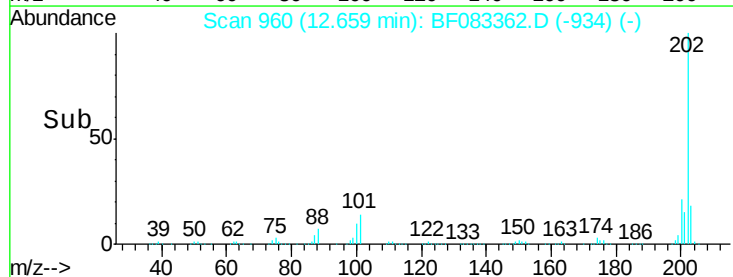
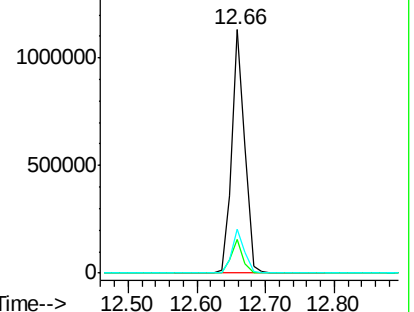
203 18.0 0.0 38.7

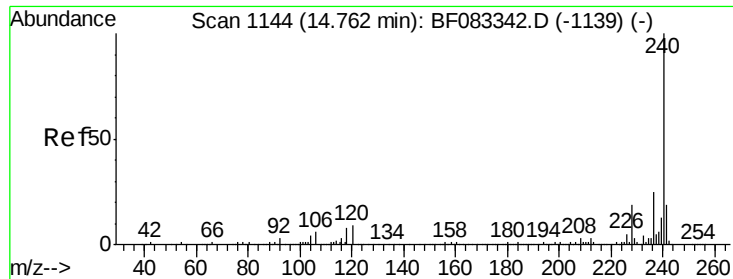


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

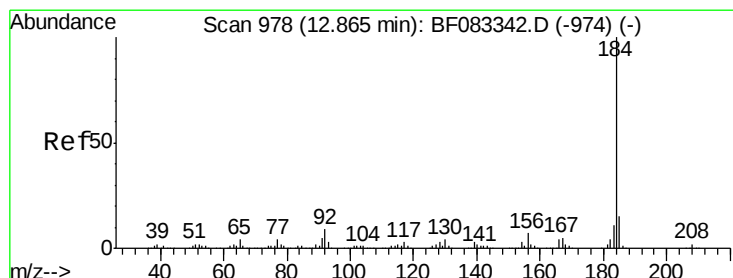
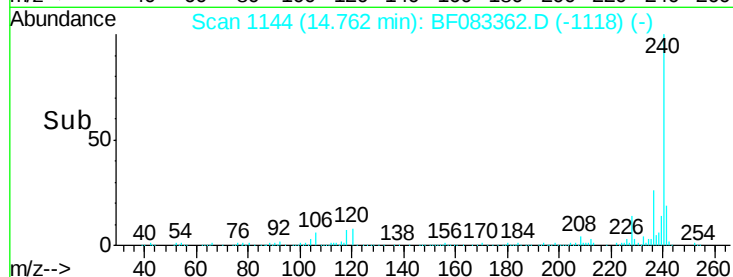
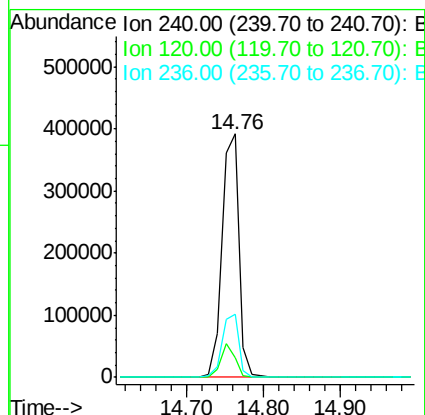
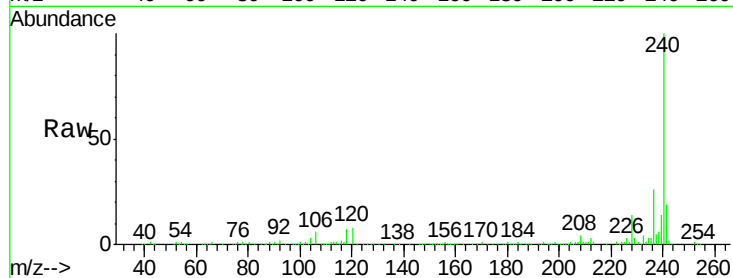




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.76 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

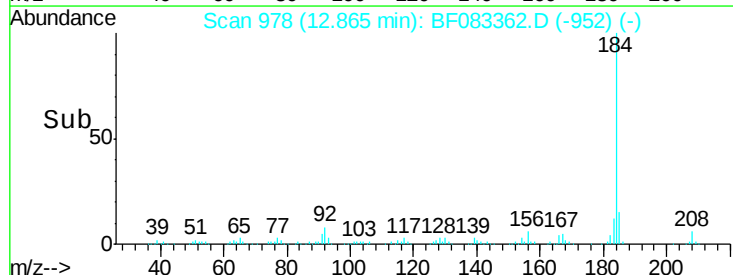
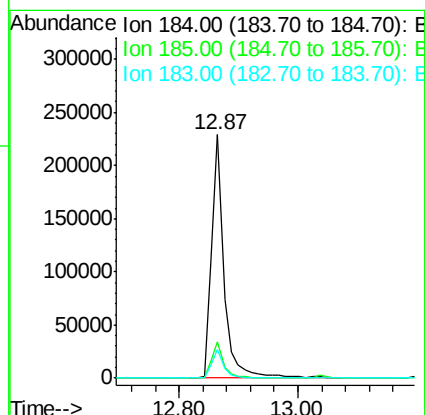
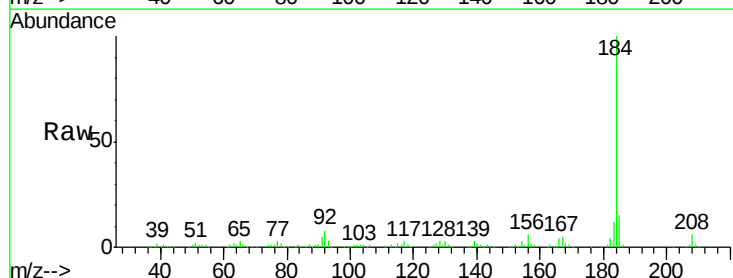
Instrument :
BNA_F
ClientSampleId :
PB86923BS

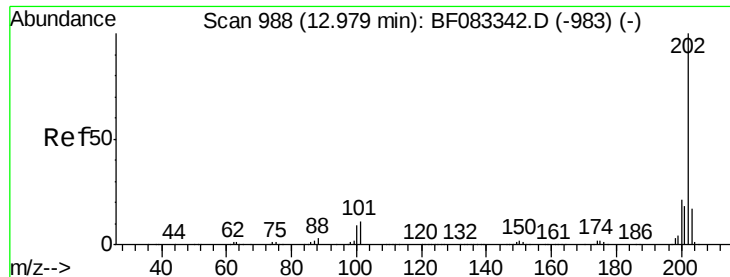
Tgt Ion:240 Resp: 609096
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.7 19.8 29.6



#76
Benzidine
Concen: 18.43 ng
RT: 12.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion:184 Resp: 334326
Ion Ratio Lower Upper
184 100
185 14.8 12.4 18.6
183 11.7 9.0 13.4





#77

Pyrene

Concen: 35.98 ng

RT: 12.97 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

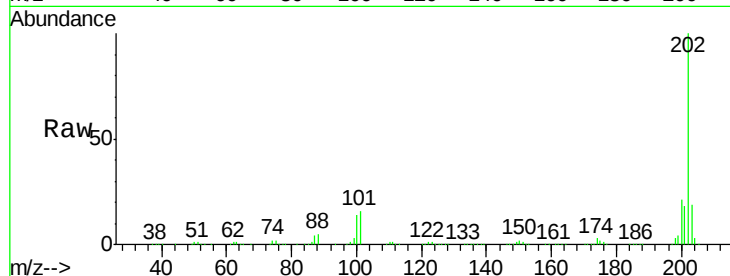
Tgt Ion:202 Resp: 1530310

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

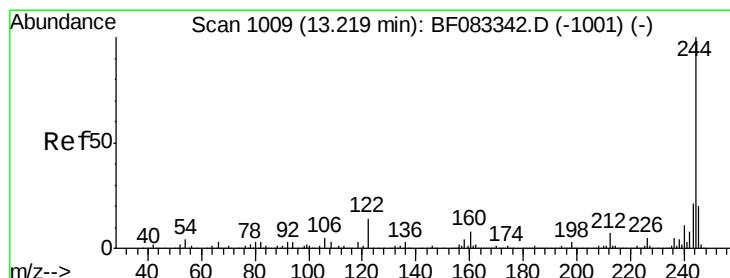
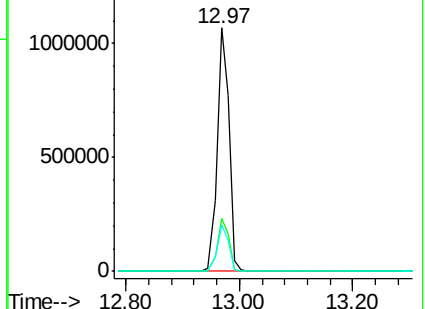
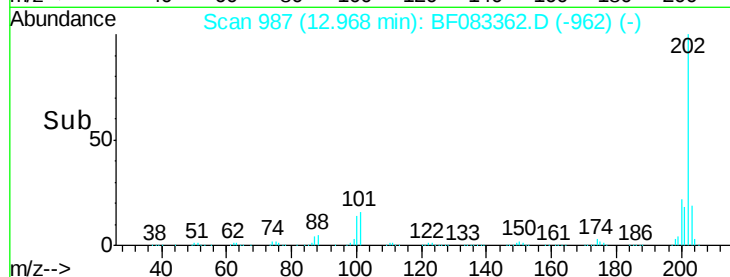
203 18.8 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.94 ng

RT: 13.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

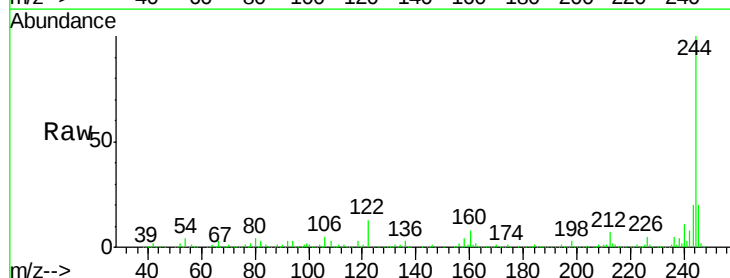
Tgt Ion:244 Resp: 1862893

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

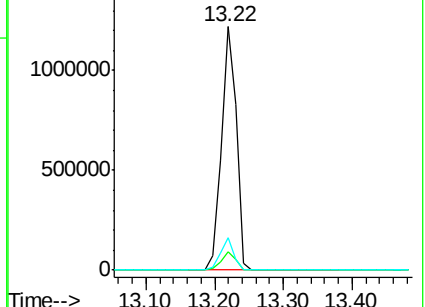
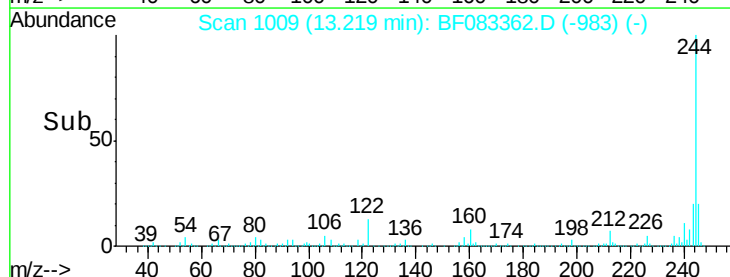
122 13.4 11.0 16.4

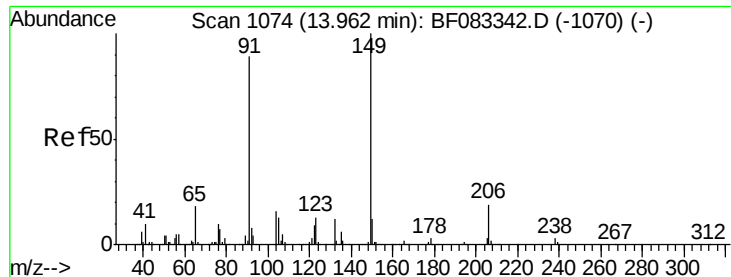


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.38 ng

RT: 13.96 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

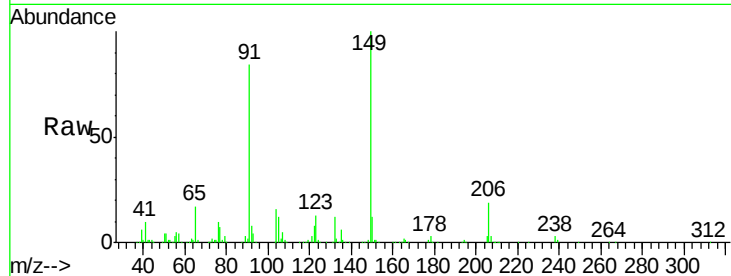
Tgt Ion:149 Resp: 674446

Ion Ratio Lower Upper

149 100

91 84.0 71.4 107.2

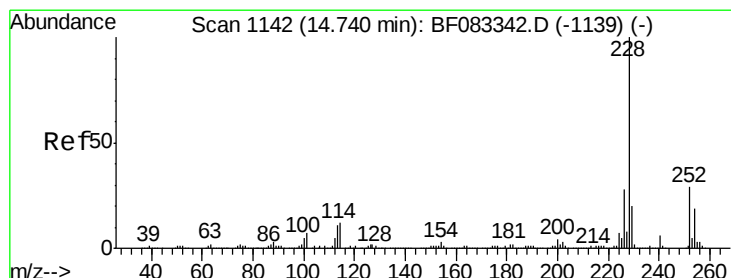
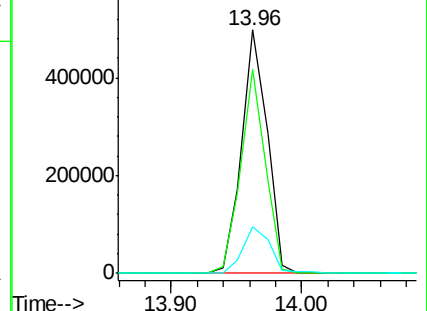
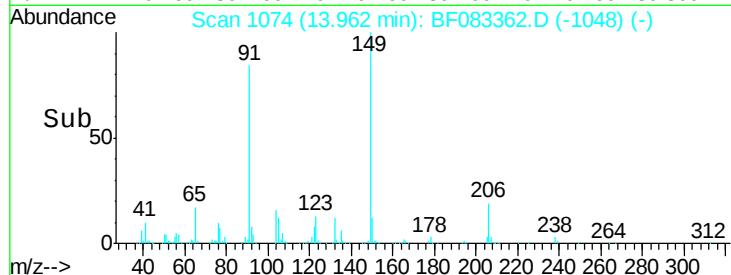
206 19.0 15.1 22.7



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: 35.90 ng

RT: 14.74 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

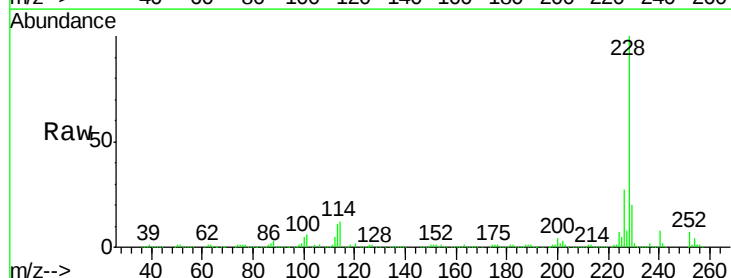
Tgt Ion:228 Resp: 1339738

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.4

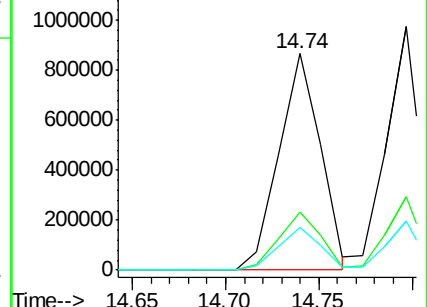
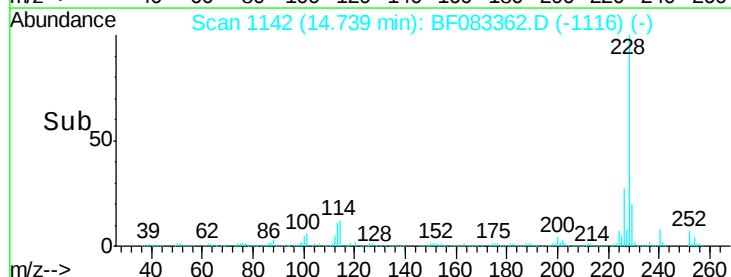
229 19.8 16.1 24.1

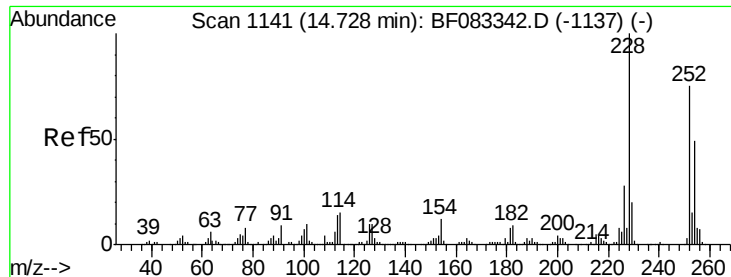


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

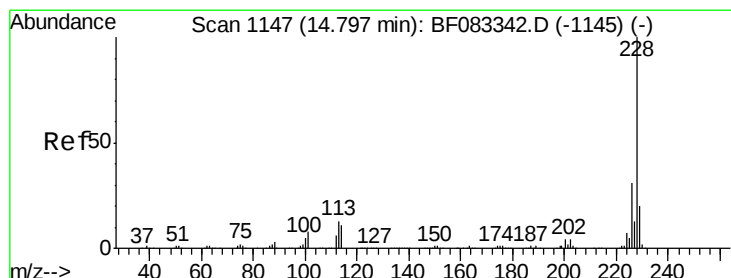
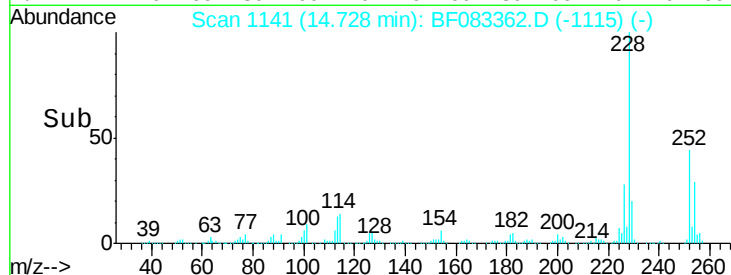
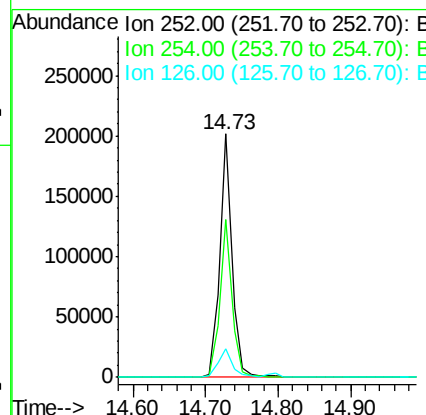
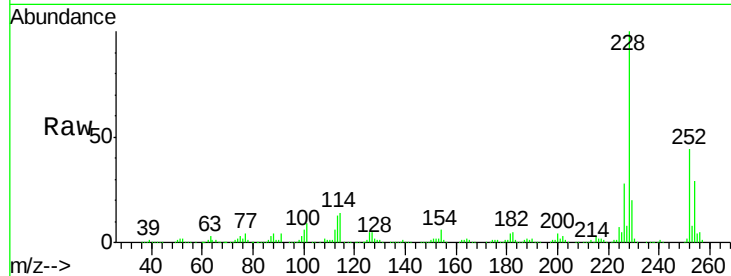




#81
 3,3'-Dichlorobenzidine
 Concen: 20.36 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

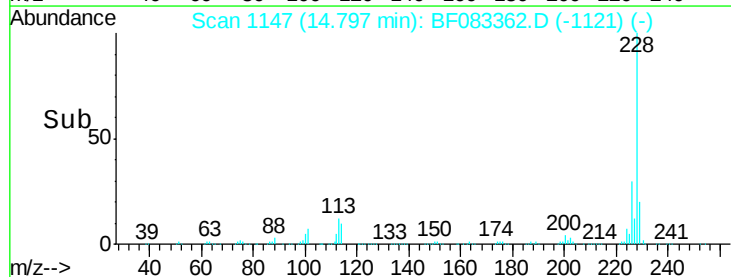
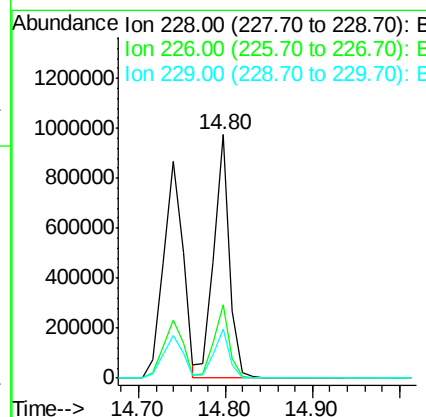
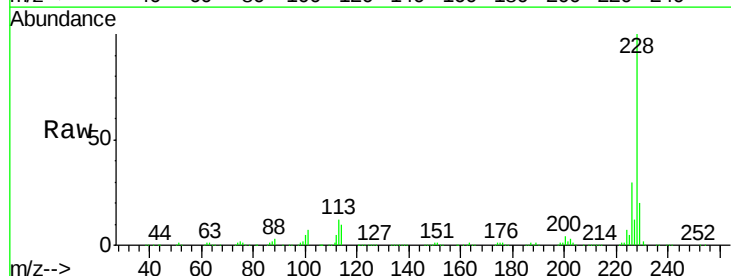
Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

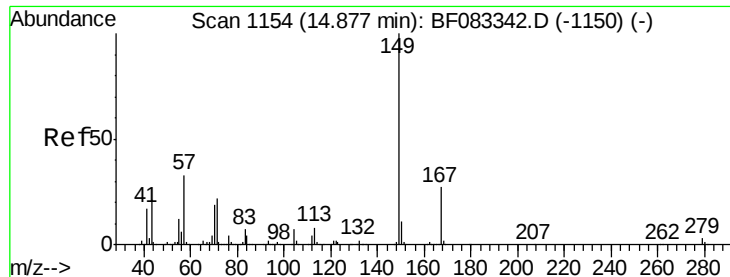
Tgt Ion:252 Resp: 237299
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.0 78.0
 126 11.5 10.7 16.1



#82
 Chrysene
 Concen: 34.28 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion:228 Resp: 1235815
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.6 37.0
 229 19.9 16.2 24.2

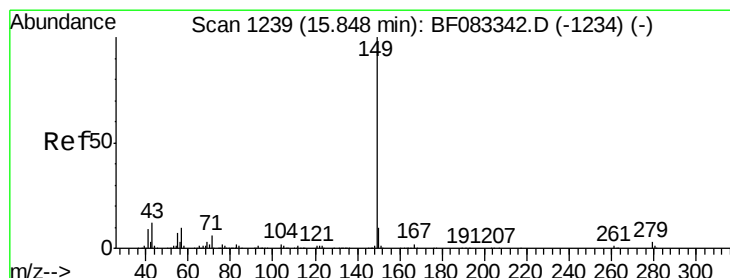
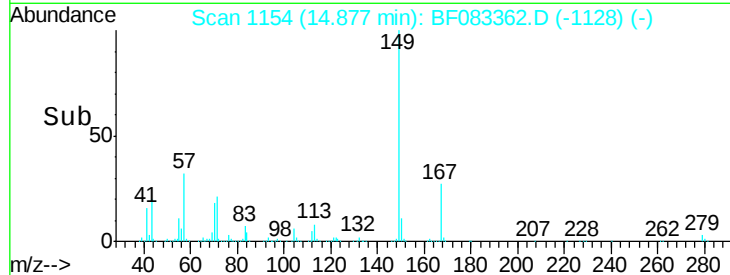
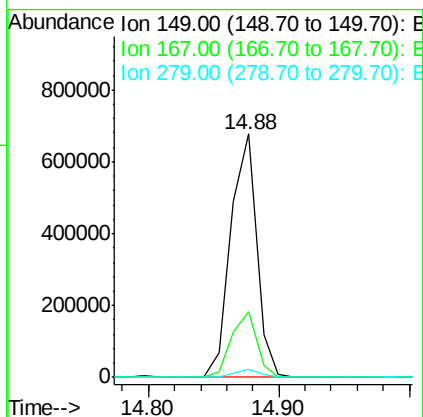
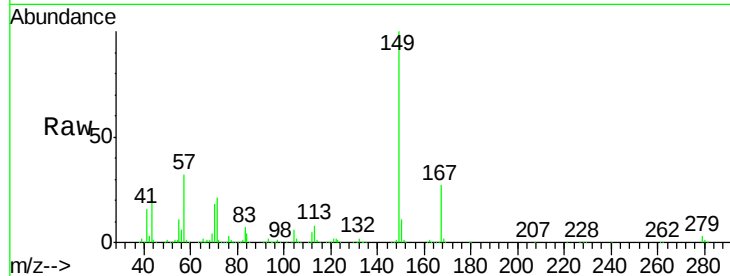




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.62 ng
 RT: 14.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

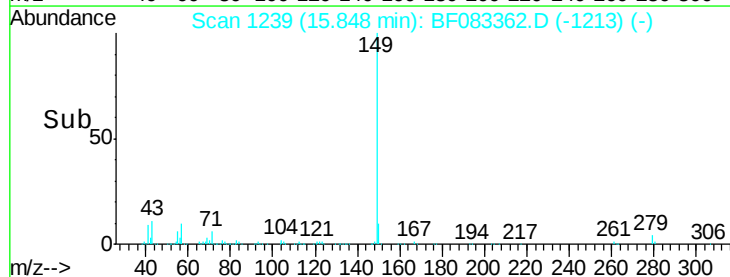
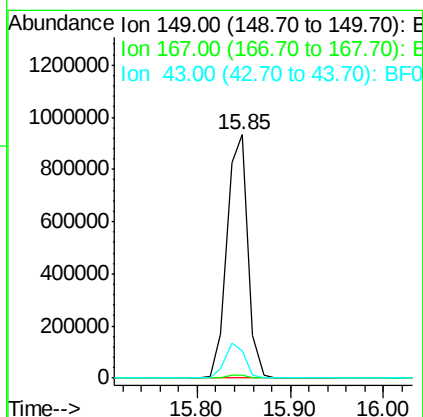
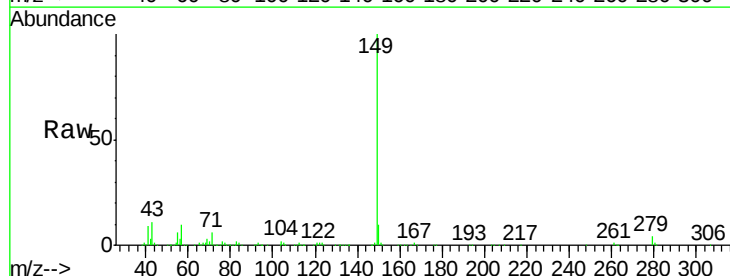
Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

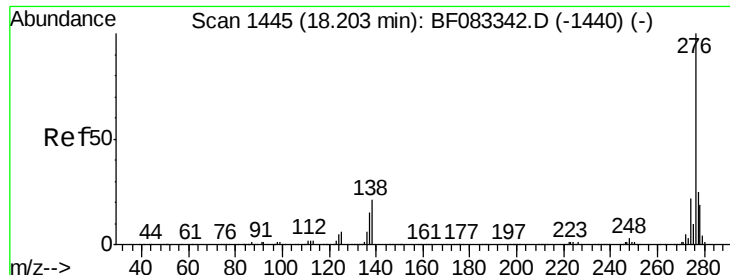
Tgt Ion:149 Resp: 934800
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.5 32.3
 279 3.2 2.6 3.8



#84
 Di-n-octyl phthalate
 Concen: 40.19 ng
 RT: 15.85 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion:149 Resp: 1448843
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 13.8 11.0 16.6

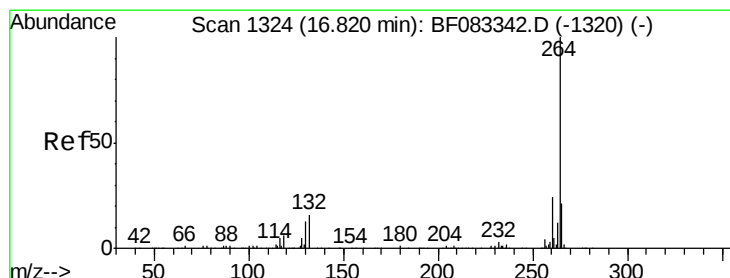
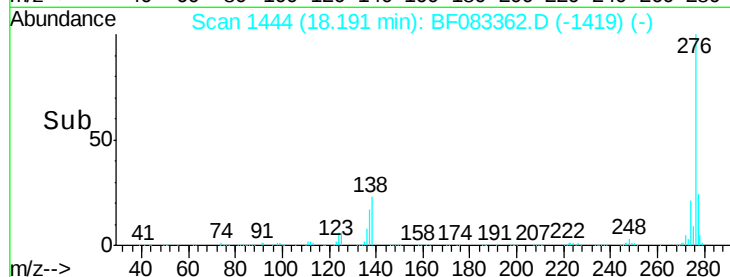
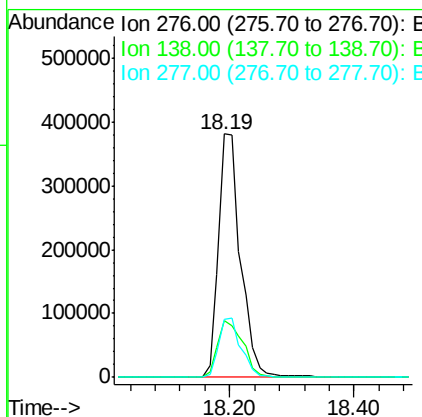
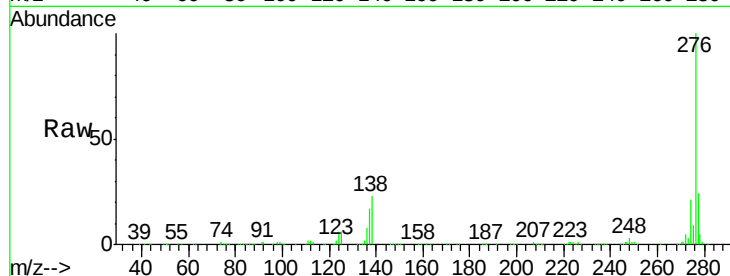




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.54 ng
 RT: 18.19 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

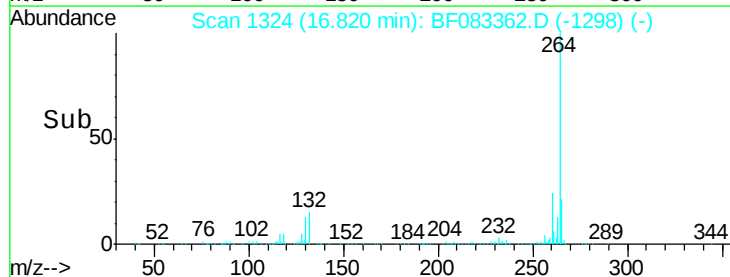
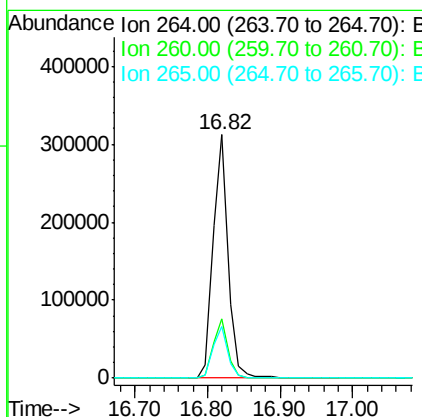
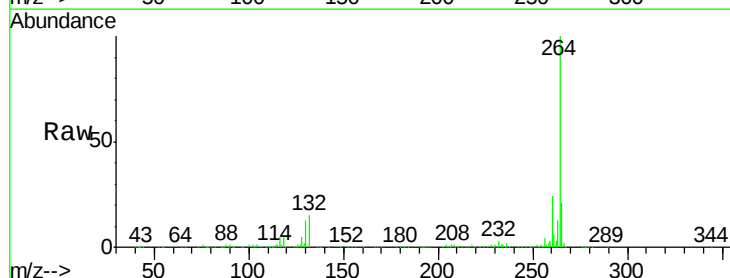
Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

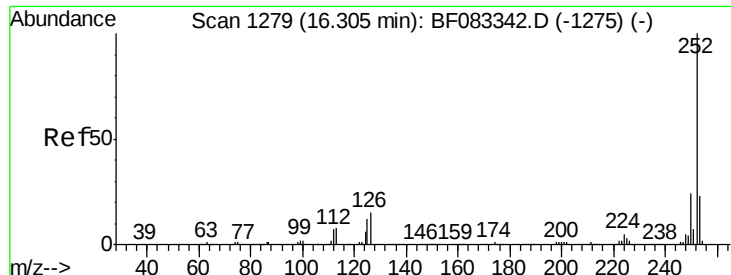
Tgt Ion: 276 Resp: 933225
 Ion Ratio Lower Upper
 276 100
 138 26.9 21.2 31.8
 277 24.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion: 264 Resp: 445791
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.4
 265 21.4 16.8 25.2





#87

Benzo(b)fluoranthene

Concen: 37.73 ng

RT: 16.31 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

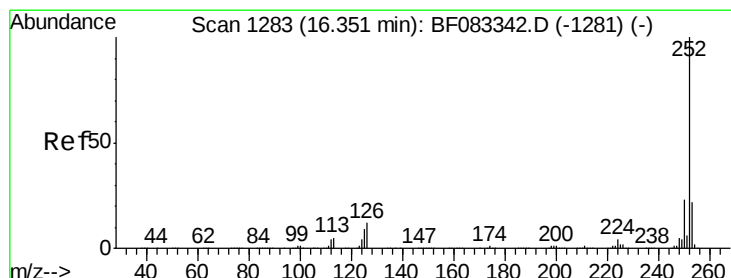
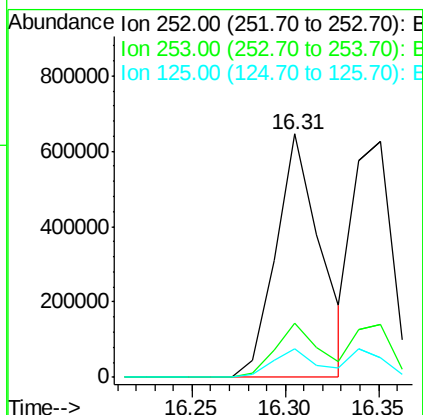
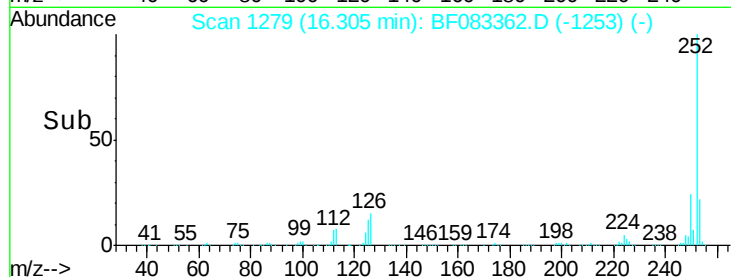
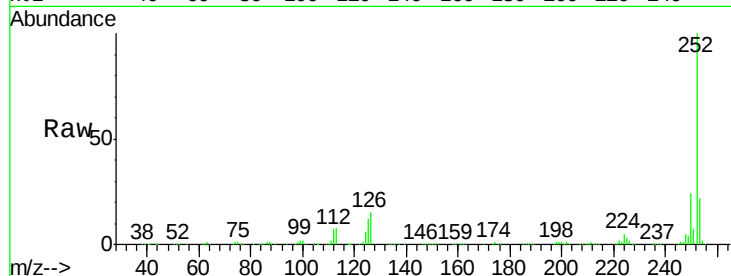
Tgt Ion:252 Resp: 1079164

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

125 11.7 9.6 14.4



#88

Benzo(k)fluoranthene

Concen: 34.24 ng

RT: 16.35 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

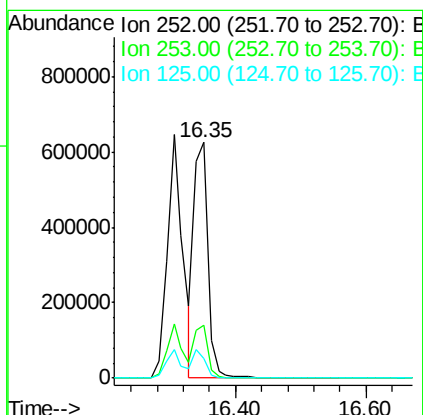
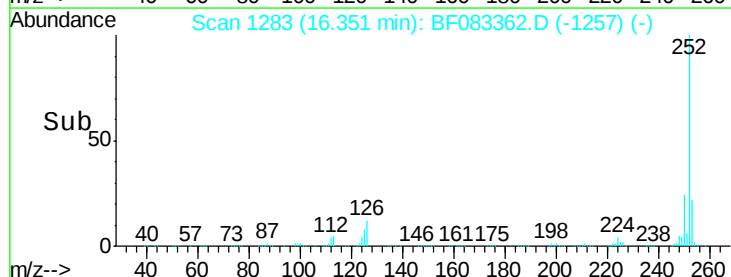
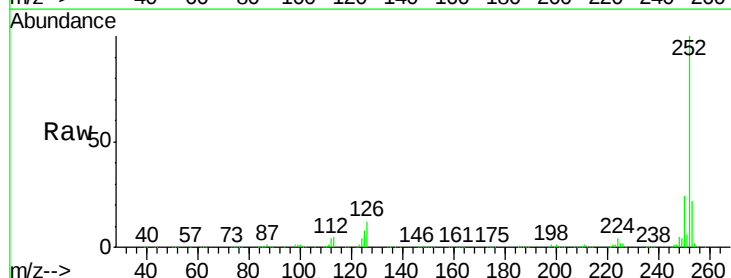
Tgt Ion:252 Resp: 924756

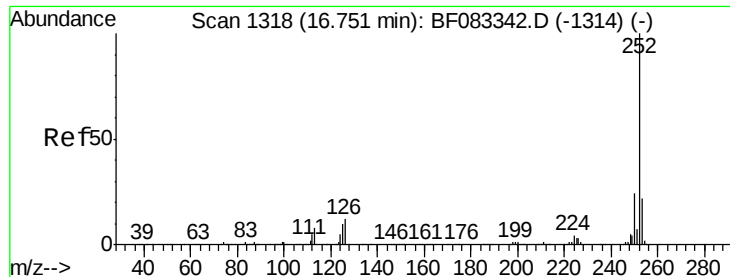
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 8.2 7.5 11.3





#89

Benzo(a)pyrene

Concen: 37.78 ng

RT: 16.75 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

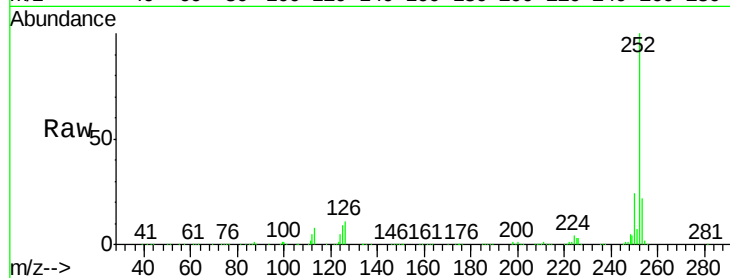
Tgt Ion:252 Resp: 928146

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

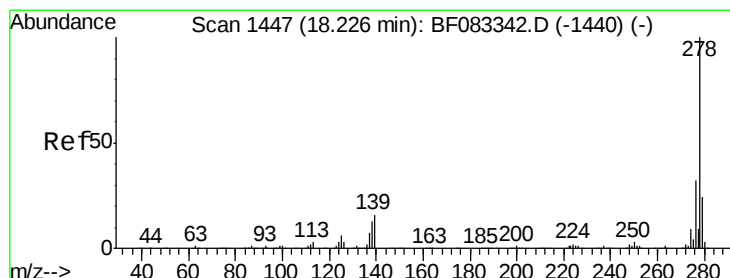
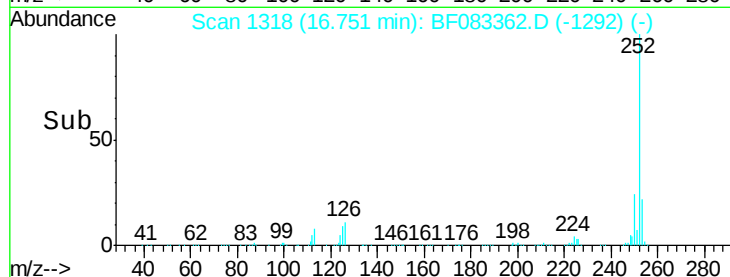
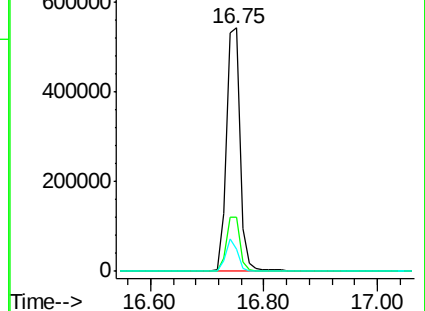
125 9.4 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.17 ng

RT: 18.23 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

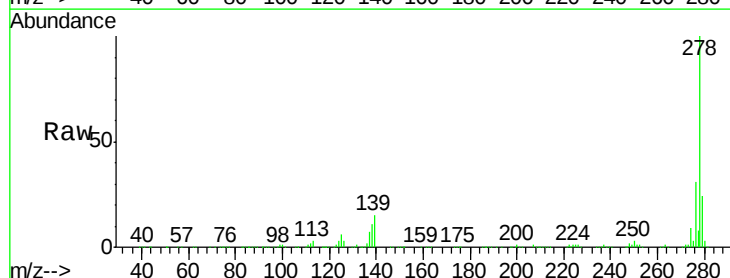
Tgt Ion:278 Resp: 795718

Ion Ratio Lower Upper

278 100

139 14.9 13.1 19.7

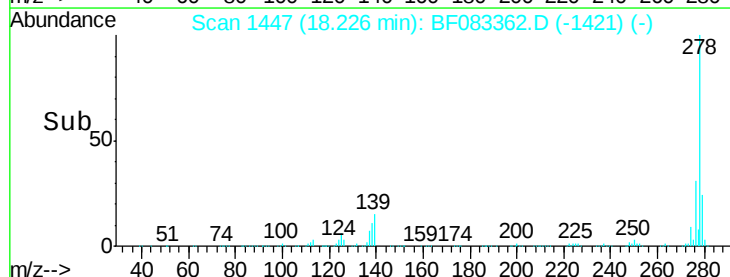
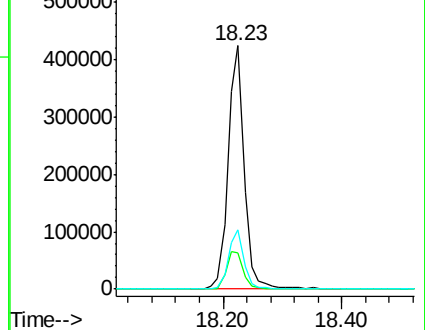
279 24.2 19.2 28.8

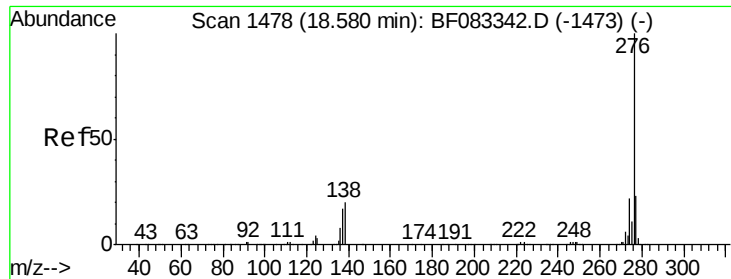


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

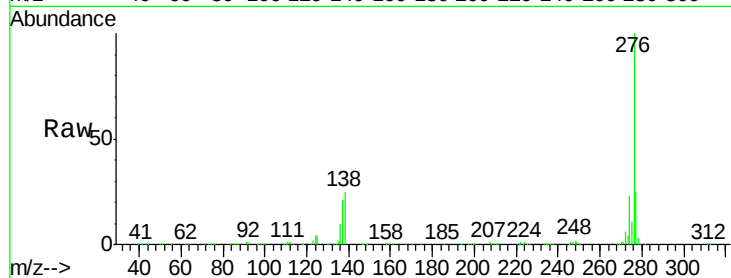




#91
 Benzo(g,h,i)perylene
 Concen: 36.74 ng
 RT: 18.57 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	24.6	16.1	24.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

