

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083459.D
 Acq On : 3 Dec 2015 14:26
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 03 16:57:04 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	6.69	152	653620	20.00	ng	0.15
21) Naphthalene-d8	7.82	136	751471	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	370829	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	697986	20.00	ng	-0.03
75) Chrysene-d12	14.72	240	625800	20.00	ng	-0.05
86) Perylene-d12	16.77	264	535672	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1028719	23.62	ng	-0.01
7) Phenol-d6	6.32	99	40839	0.68	ng	0.09
23) Nitrobenzene-d5	7.10	82	1298707	75.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	280161	75.26	ng	-0.02
44) 2-Fluorobiphenyl	8.90	172	1826028	70.17	ng	-0.02
78) Terphenyl-d14	13.19	244	1922970	73.28	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.94	88	239506	10.15	ng	97
3) Pyridine	2.54	79	731650	12.40	ng	98
4) n-Nitrosodimethylamine	2.51	42	336618	11.59	ng	98
6) Aniline	6.19	93	912860	11.19	ng	95
8) 2-Chlorophenol	6.32	128	528613	11.00	ng	88
9) Benzaldehyde	6.06	77	327087	8.94	ng	98
10) Phenol	6.22	94	743554	10.37	ng	95
11) bis(2-Chloroethyl)ether	6.28	93	598604	11.47	ng	90
12) 1,3-Dichlorobenzene	6.70	146	560213	10.49	ng	96
13) 1,4-Dichlorobenzene	6.70	146	560213	10.15	ng	98
14) 1,2-Dichlorobenzene	6.70	146	560213	11.06	ng	97
15) Benzyl Alcohol	6.69	79	518745	11.26	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.83	45	1019928	11.14	ng	59
17) 2-Methylphenol	6.83	107	468999	11.71	ng	97
18) Hexachloroethane	7.04	117	218149	11.38	ng	96
19) n-Nitroso-di-n-propylamine	7.10	70	172313	4.04	ng	# 84
20) 3+4-Methylphenols	6.99	107	629963	11.61	ng	99
22) Acetophenone	6.96	105	811911	36.11	ng	# 93
24) Nitrobenzene	7.13	77	681401	37.33	ng	# 88
25) Isophorone	7.38	82	1230603	37.16	ng	98
26) 2-Nitrophenol	7.45	139	310566	41.68	ng	# 80
27) 2,4-Dimethylphenol	7.50	122	455306	36.45	ng	92
28) bis(2-Chloroethoxy)methane	7.60	93	747994	39.67	ng	98
29) 2,4-Dichlorophenol	7.70	162	459533	38.25	ng	95
30) 1,2,4-Trichlorobenzene	7.77	180	490445	37.51	ng	98
31) Naphthalene	7.85	128	1564041	38.36	ng	98
32) Benzoic acid	7.69	122	339748	39.43	ng	93
33) 4-Chloroaniline	7.90	127	602060	34.25	ng	# 90
34) Hexachlorobutadiene	7.97	225	281564	37.92	ng	97
35) Caprolactam	8.30	113	153477	40.43	ng	# 83
36) 4-Chloro-3-methylphenol	8.41	107	495018	36.73	ng	# 83
37) 2-Methylnaphthalene	8.53	142	1014599	37.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	470538	40.03	ng	98
40) Hexachlorocyclopentadiene	8.69	237	146572	26.25	ng	98

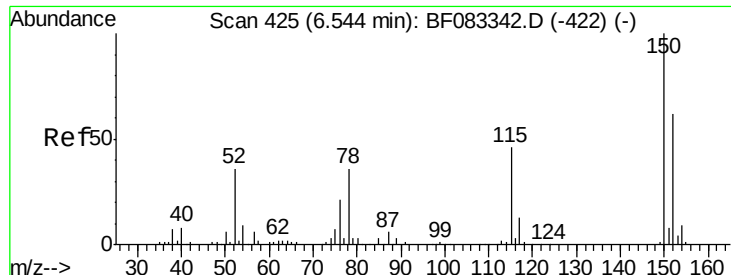
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083459.D
 Acq On : 3 Dec 2015 14:26
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
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Instrument :
 BNA_F
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Quant Time: Dec 03 16:57:04 2015
 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)
42) 2,4,6-Trichlorophenol	8.82	196	320404	38.86	nq	96
43) 2,4,5-Trichlorophenol	8.88	196	322252	37.72	nq	# 92
45) 1,1'-Biphenyl	9.00	154	1295270	39.83	nq	98
46) 2-Chloronaphthalene	9.01	162	928455	37.47	nq	98
47) 2-Nitroaniline	9.13	65	385270	39.26	nq	# 83
48) Acenaphthylene	9.42	152	1423361	36.01	nq	100
49) Dimethylphthalate	9.31	163	1119873	37.16	nq	100
50) 2,6-Dinitrotoluene	9.37	165	229857	35.72	nq	# 82
51) Acenaphthene	9.60	154	823499	35.42	nq	100
52) 3-Nitroaniline	9.54	138	260646	34.55	nq	93
53) 2,4-Dinitrophenol	9.65	184	122956	35.84	nq	# 76
54) Dibenzofuran	9.77	168	1174920	34.48	nq	100
55) 4-Nitrophenol	9.77	139	633517	134.27	nq	# 1
56) 2,4-Dinitrotoluene	9.78	165	324007	39.68	nq	# 52
57) Fluorene	10.11	166	981031	36.46	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	270613	39.26	nq	99
59) Diethylphthalate	10.01	149	1097023	38.19	nq	99
60) 4-Chlorophenyl-phenylether	10.11	204	479924	38.82	nq	98
61) 4-Nitroaniline	10.16	138	281759	37.33	nq	95
62) Azobenzene	10.27	77	1394222	40.18	nq	96
64) 4,6-Dinitro-2-methylphenol	10.19	198	192518	41.08	nq	# 65
65) n-Nitrosodiphenylamine	10.24	169	977930	39.87	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	286150	37.48	nq	# 78
67) Hexachlorobenzene	10.67	284	312999	37.07	nq	# 74
68) Atrazine	10.80	200	245997	36.26	nq	98
69) Pentachlorophenol	10.90	266	169343	38.29	nq	99
70) Phenanthrene	11.13	178	1519725	36.79	nq	98
71) Anthracene	11.19	178	1526389	36.71	nq	100
72) Carbazole	11.38	167	1425028	38.14	nq	99
73) Di-n-butylphthalate	11.83	149	1783656	40.28	nq	100
74) Fluoranthene	12.63	202	1592323	37.19	nq	99
76) Benzidine	12.83	184	699492	37.53	nq	98
77) Pyrene	12.93	202	1648519	37.72	nq	98
79) Butylbenzylphthalate	13.93	149	776120	41.86	nq	88
80) Benzo(a)anthracene	14.71	228	1456543	37.99	nq	100
81) 3,3'-Dichlorobenzidine	14.69	252	491848	41.07	nq	99
82) Chrysene	14.76	228	1378777	37.22	nq	99
83) Bis(2-ethylhexyl)phthalate	14.83	149	1088070	43.75	nq	100
84) Di-n-octyl phthalate	15.80	149	1829352	49.40	nq	100
85) Indeno(1,2,3-cd)pyrene	18.17	276	1090776	40.43	nq	100
87) Benzo(b)fluoranthene	16.27	252	1386868	40.35	nq	98
88) Benzo(k)fluoranthene	16.32	252	1080576	33.29	nq	98
89) Benzo(a)pyrene	16.71	252	1108039	37.53	nq	# 96
90) Dibenzo(a,h)anthracene	18.18	278	924312	35.93	nq	99
91) Benzo(g,h,i)perylene	18.53	276	850833	33.70	nq	99

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

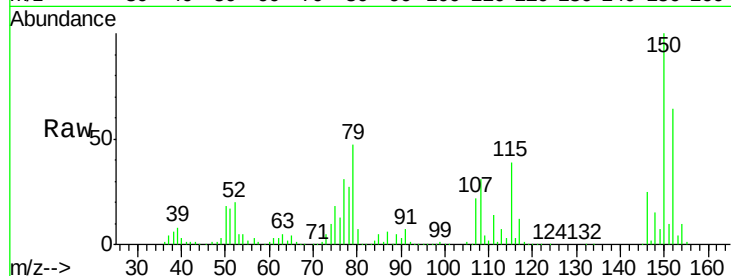


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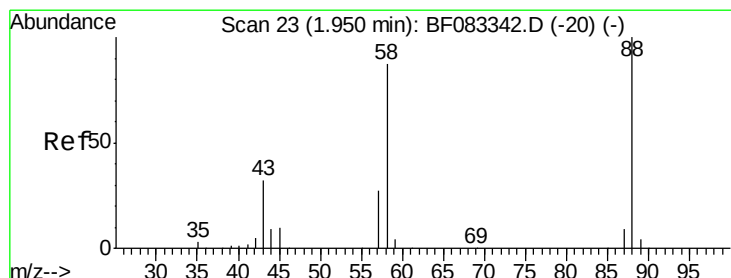
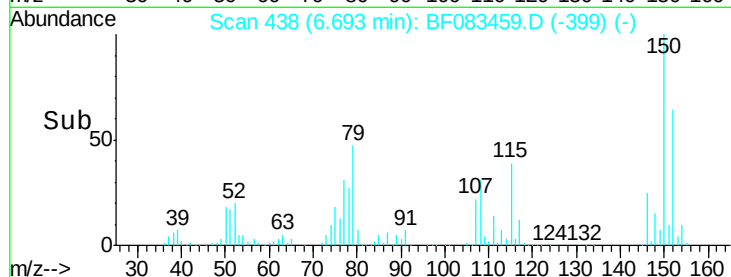
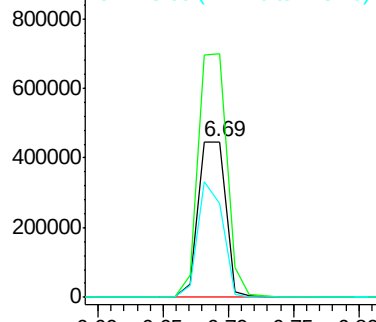
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 438
Delta R.T. 0.15 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 653620
Ion Ratio Lower Upper
152 100
150 156.5 129.8 194.8
115 60.7 59.2 88.8



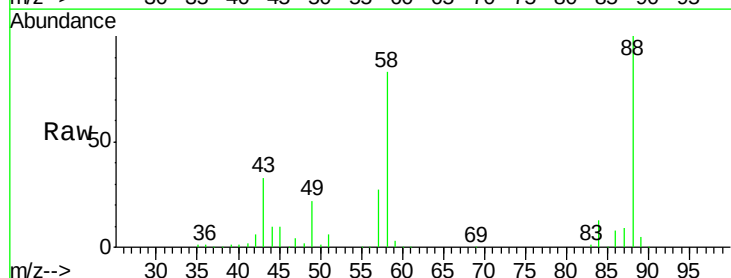
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



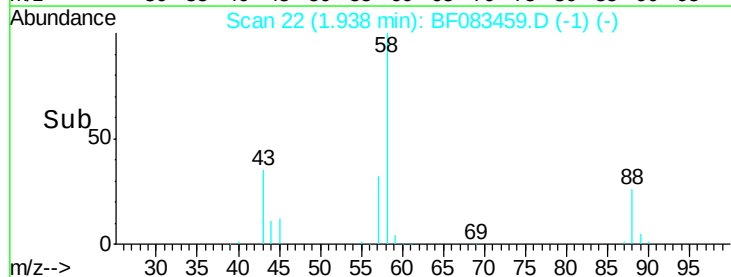
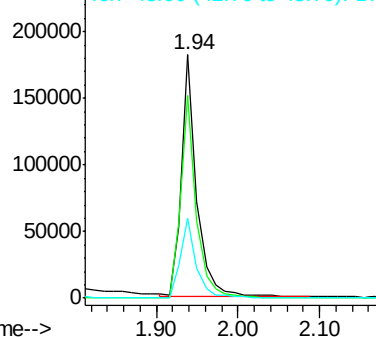
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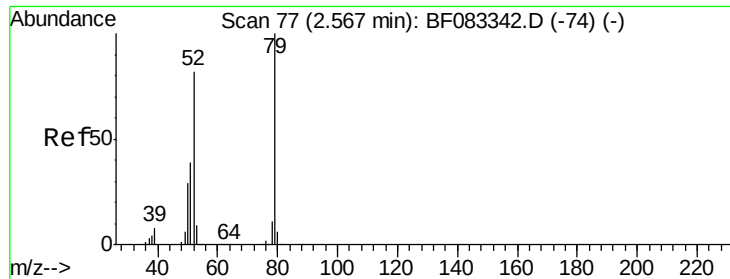
1,4-Dioxane
Concen: 10.15 ng
RT: 1.94 min Scan# 22
Delta R.T. -0.01 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion: 88 Resp: 239506
Ion Ratio Lower Upper
88 100
58 86.4 66.6 100.0
43 35.2 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

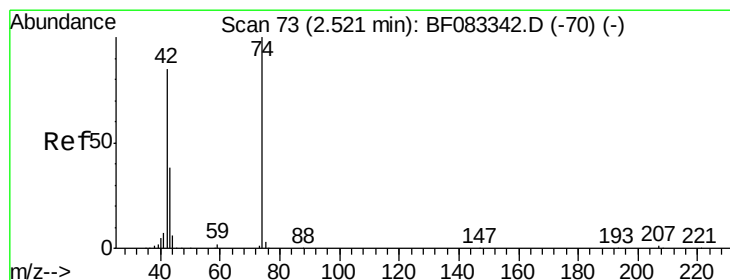
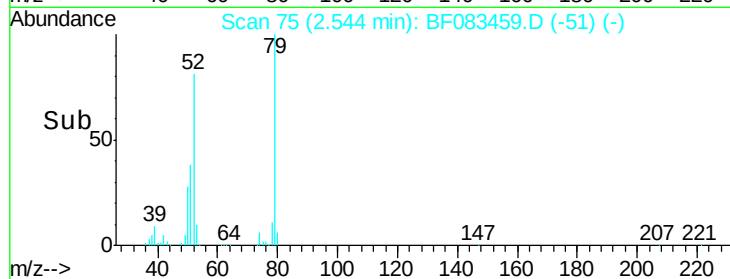
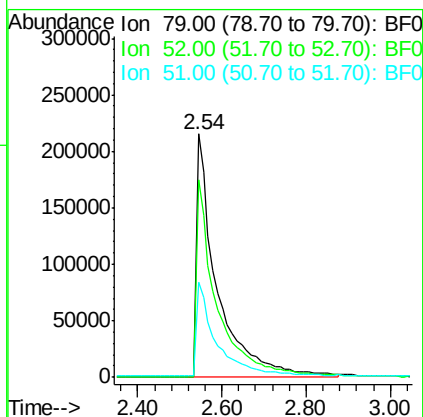
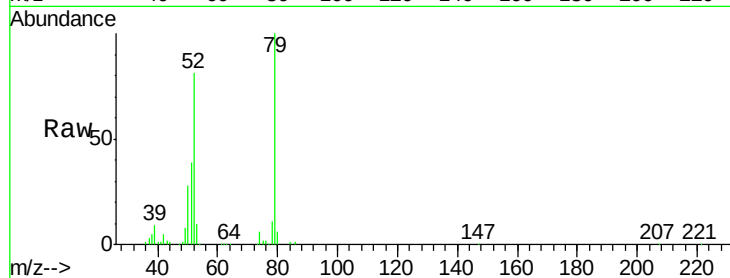




#3
 Pvridine
 Concen: 12.40 ng
 RT: 2.54 min Scan# 75
 Delta R.T. -0.02 min
 Lab File: BF083459.D
 Acq: 3 Dec 2015 14:26

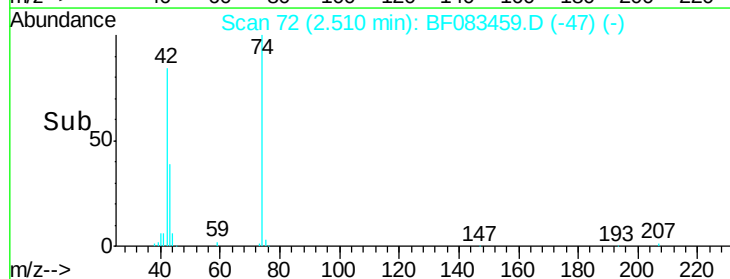
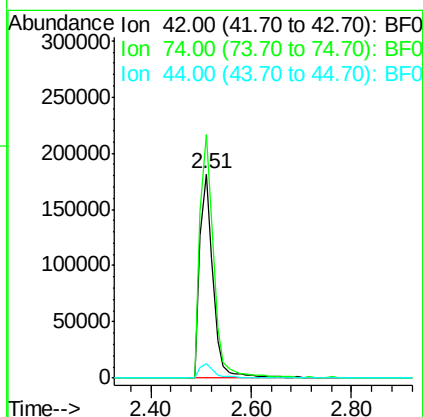
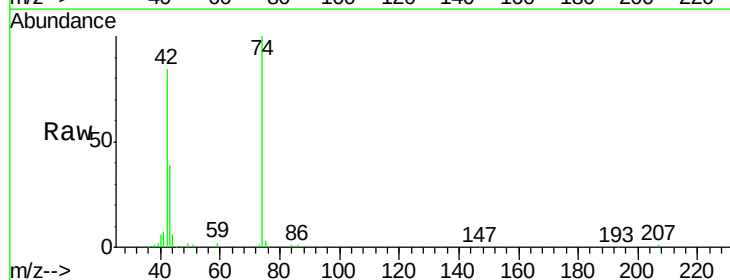
Instrument :
 BNA_F
 ClientSampled :

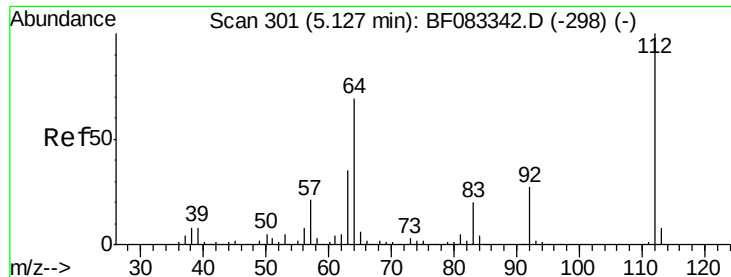
Tot Ion: 79 Resp: 731650
 Ion Ratio Lower Upper
 79 100
 52 80.9 65.9 98.9
 51 39.3 32.3 48.5



#4
 n-Nitrosodimethylamine
 Concen: 11.59 ng
 RT: 2.51 min Scan# 72
 Delta R.T. -0.01 min
 Lab File: BF083459.D
 Acq: 3 Dec 2015 14:26

Tgt Ion: 42 Resp: 336618
 Ion Ratio Lower Upper
 42 100
 74 119.3 93.7 140.5
 44 7.0 5.6 8.4





#5

2-Fluorophenol

Concen: 23.62 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :
BNA_F
ClientSampleId :

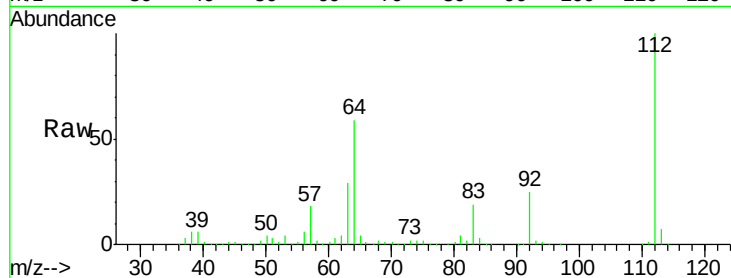
Tot Ion:112 Resp: 1028719

Ion Ratio Lower Upper

112 100

64 59.4 55.6 83.4

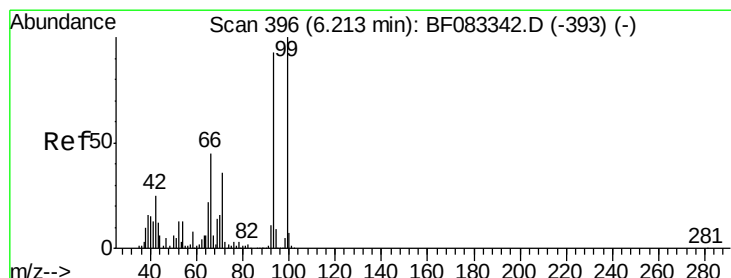
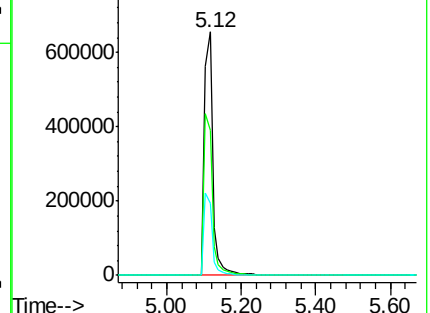
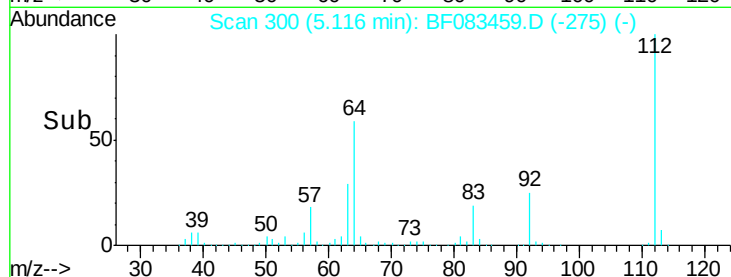
63 29.4 28.2 42.2



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: 11.19 ng

RT: 6.19 min Scan# 394

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

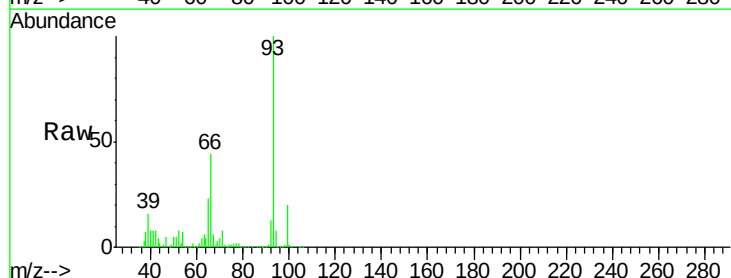
Tgt Ion: 93 Resp: 912860

Ion Ratio Lower Upper

93 100

66 44.4 38.7 58.1

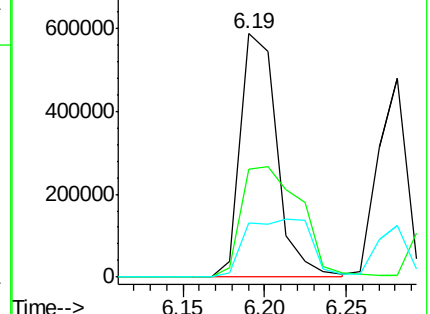
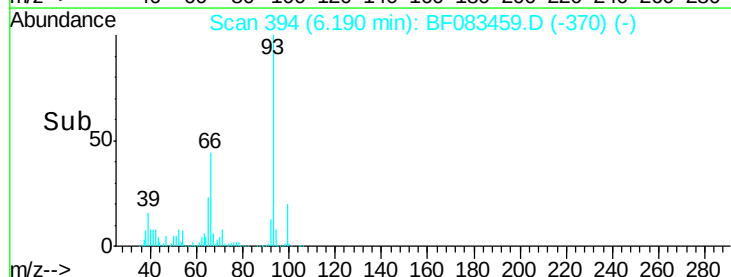
65 22.5 19.0 28.6

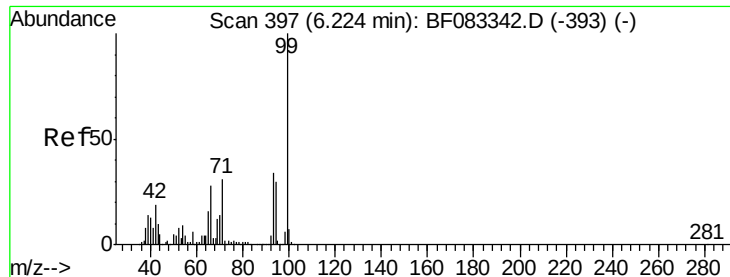


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 0.68 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.09 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :

BNA_F

ClientSampleId :

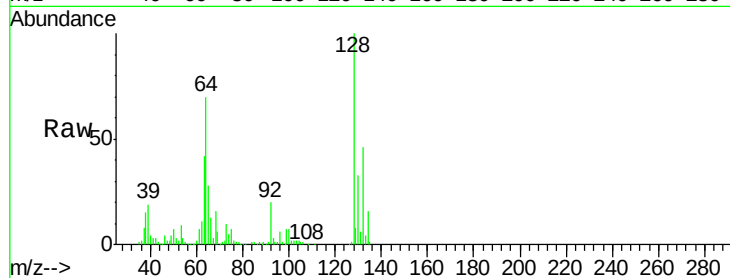
Tot Ion: 99 Resp: 40839

Ion Ratio Lower Upper

99 100

42 41.1 14.9 22.3#

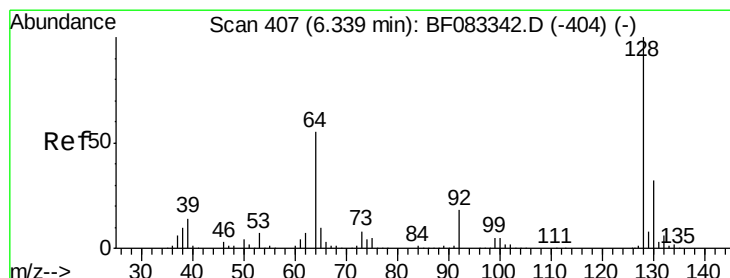
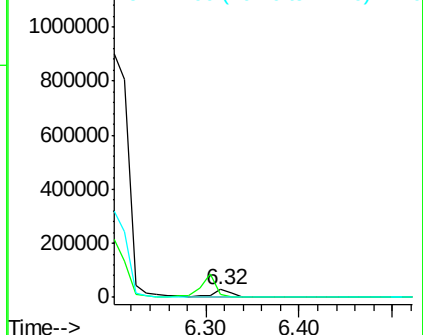
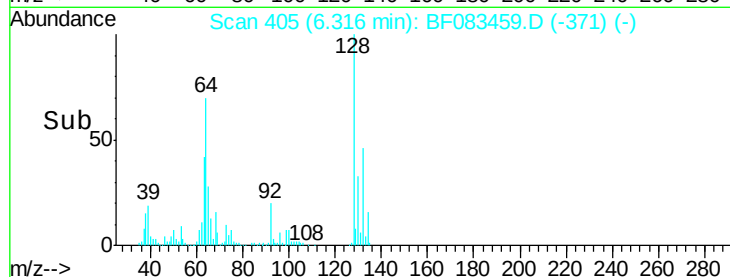
71 8.2 24.7 37.1#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 11.00 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

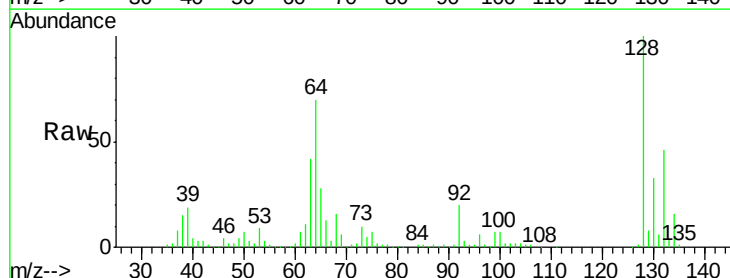
Tgt Ion:128 Resp: 528613

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

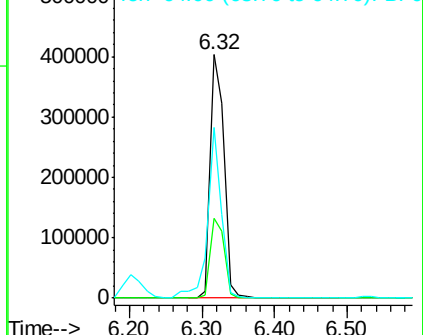
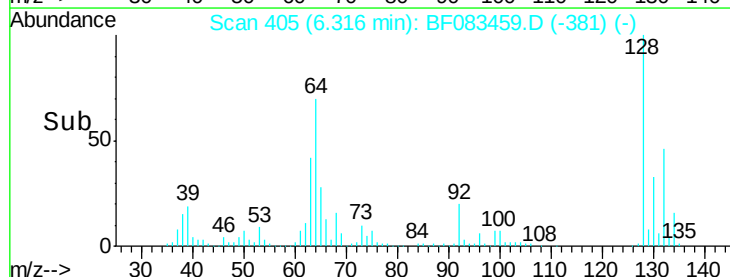
64 70.3 36.4 76.4

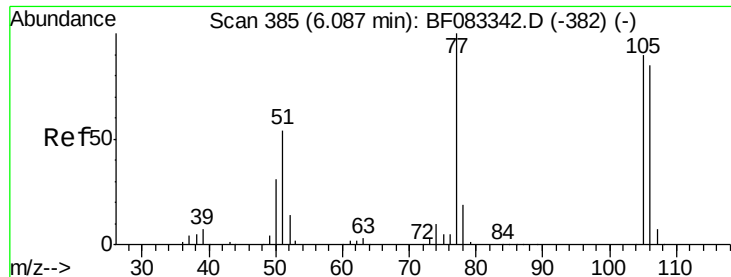


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.94 ng

RT: 6.06 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :

BNA_F

ClientSampled :

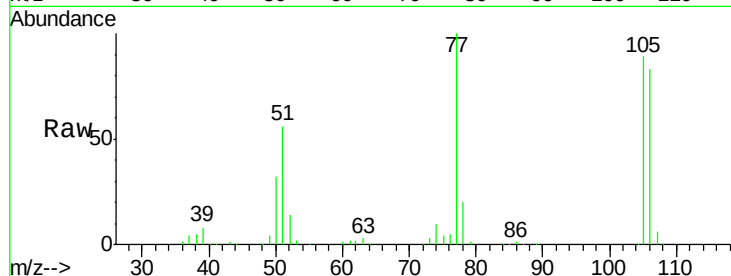
Tot Ion: 77 Resp: 327087

Ion Ratio Lower Upper

77 100

105 88.6 70.0 110.0

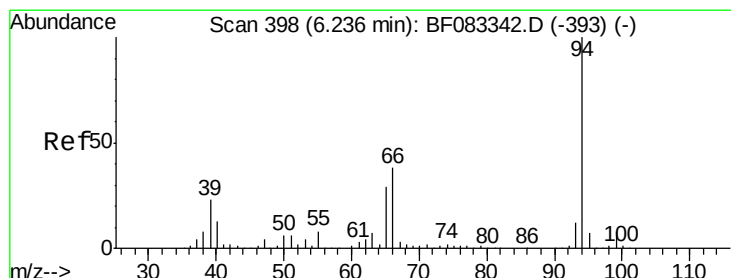
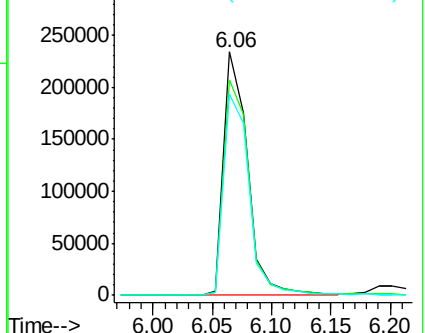
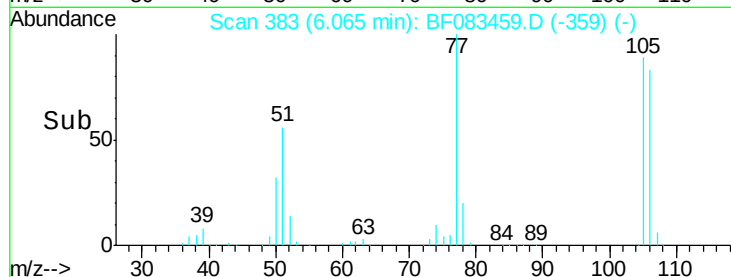
106 82.8 65.0 105.0



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: 10.37 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

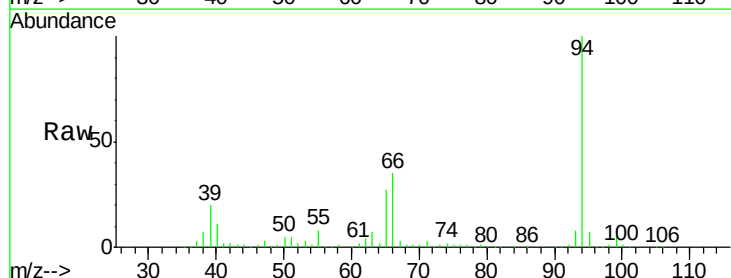
Tgt Ion: 94 Resp: 743554

Ion Ratio Lower Upper

94 100

65 26.7 9.5 49.5

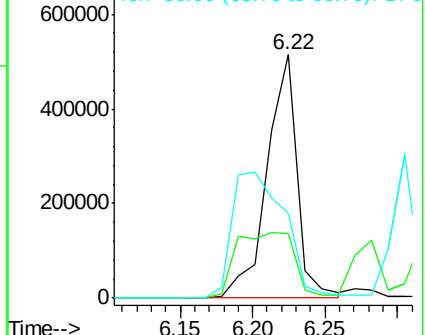
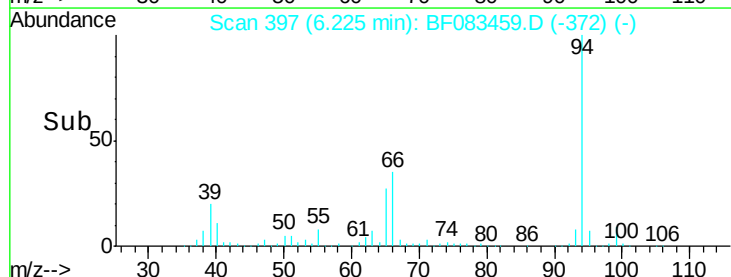
66 35.1 17.9 57.9

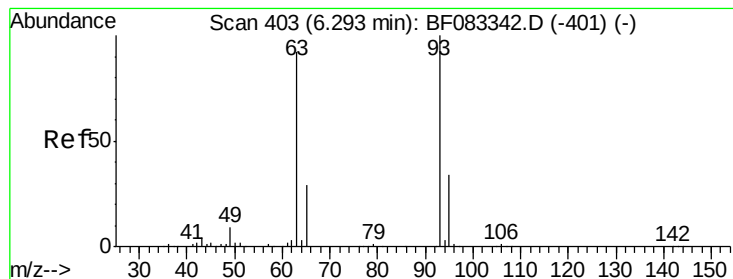


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

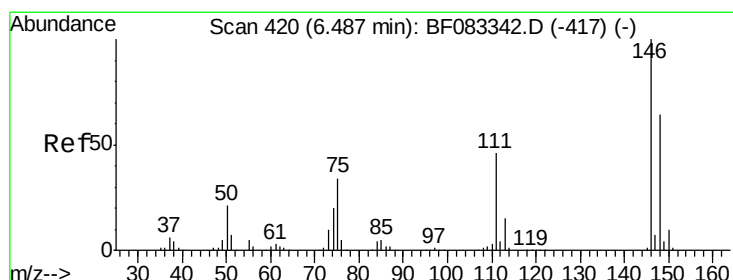
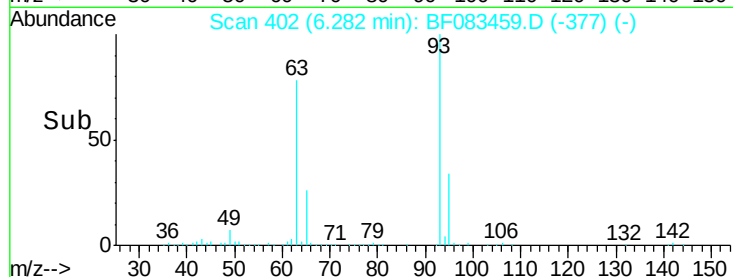
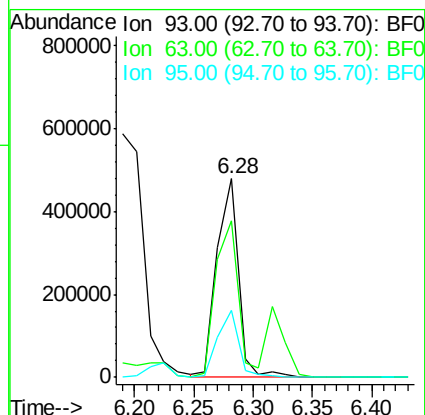
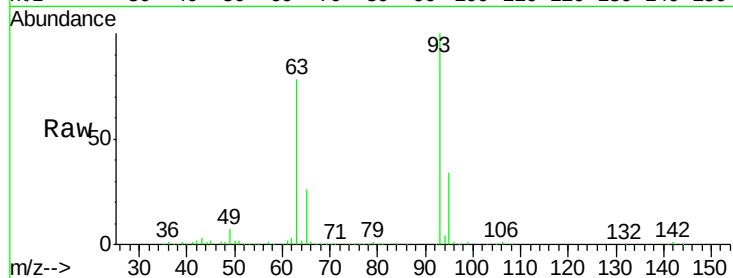




#11
bis(2-Chloroethyl)ether
Concen: 11.47 ng
RT: 6.28 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

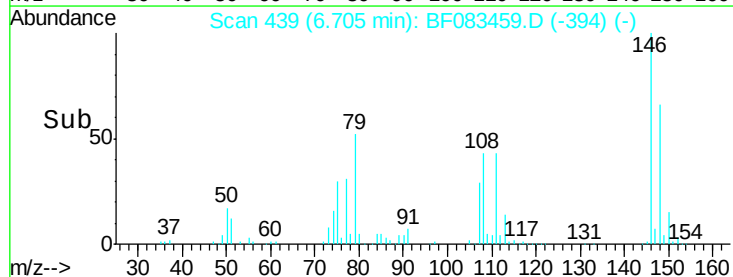
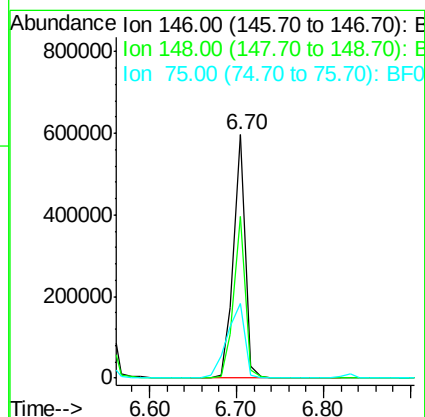
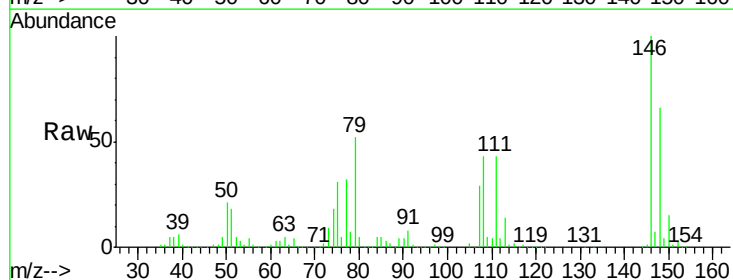
Instrument :
BNA_F
ClientSampleId :

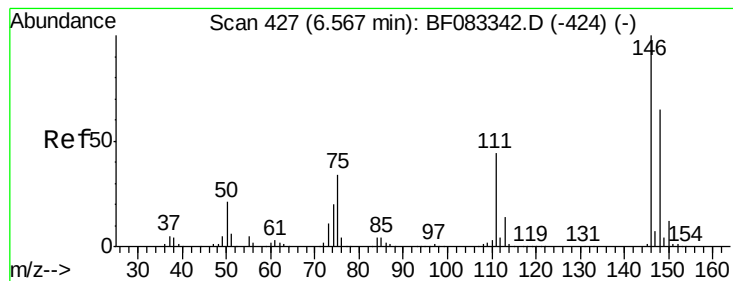
Tot Ion: 93 Resp: 598604
Ion Ratio Lower Upper
93 100
63 78.5 71.4 111.4
95 33.6 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 10.49 ng
RT: 6.70 min Scan# 439
Delta R.T. 0.22 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion: 146 Resp: 560213
Ion Ratio Lower Upper
146 100
148 66.3 51.1 76.7
75 30.5 27.5 41.3





#13

1,4-Dichlorobenzene

Concen: 10.15 ng

RT: 6.70 min Scan# 439

Delta R.T. 0.14 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

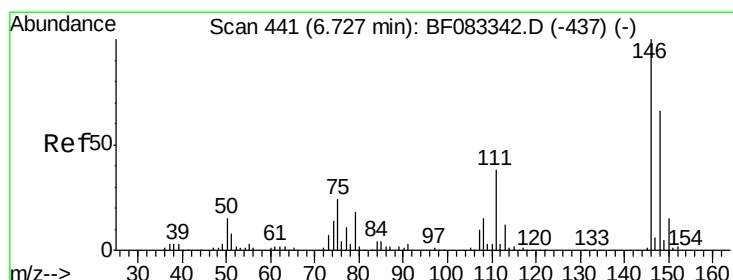
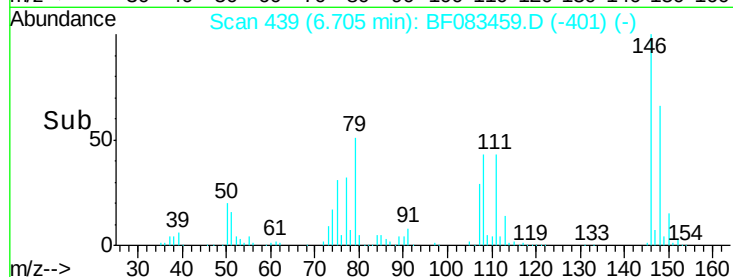
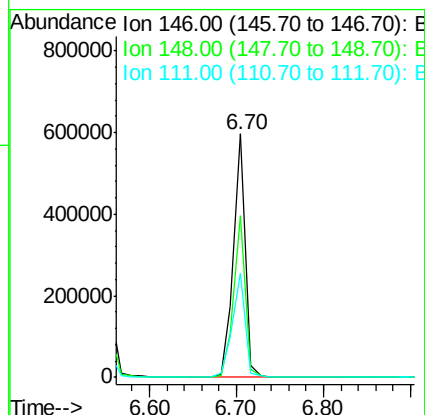
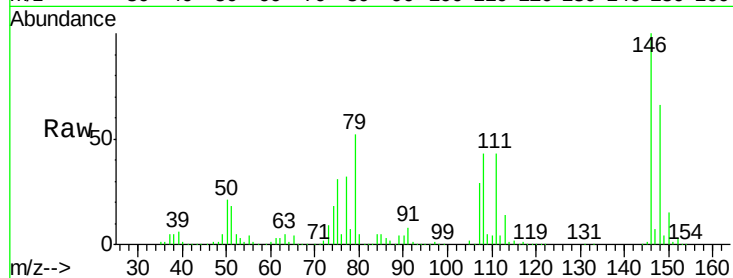
Instrument :

BNA_F

ClientSampleId :

Tot Ion:146 Resp: 560213

Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.1	78.1
111	42.8	35.4	53.0



#14

1,2-Dichlorobenzene

Concen: 11.06 ng

RT: 6.70 min Scan# 439

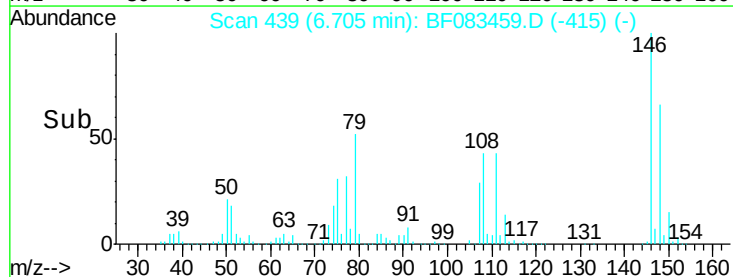
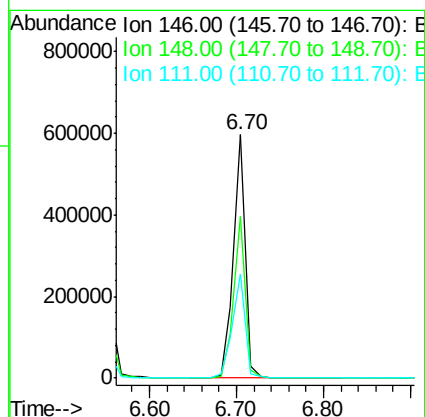
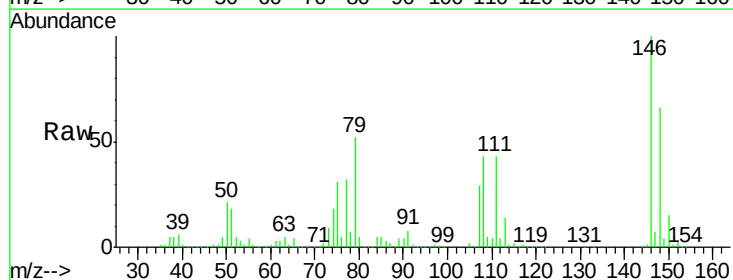
Delta R.T. -0.02 min

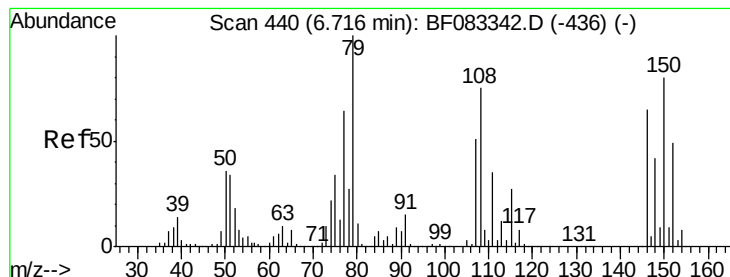
Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Tgt Ion:146 Resp: 560213

Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.5	78.7
111	42.8	30.6	46.0





#15

Benzyl Alcohol

Concen: 11.26 ng

RT: 6.69 min Scan# 438

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :
BNA_F
ClientSampled :

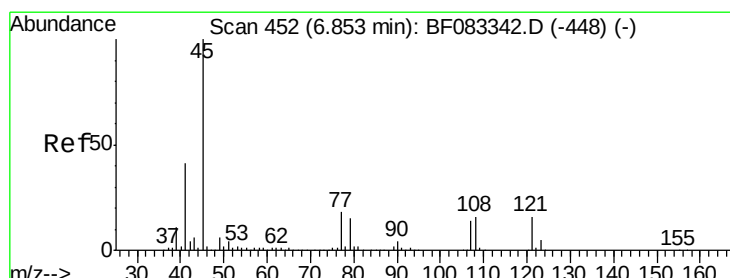
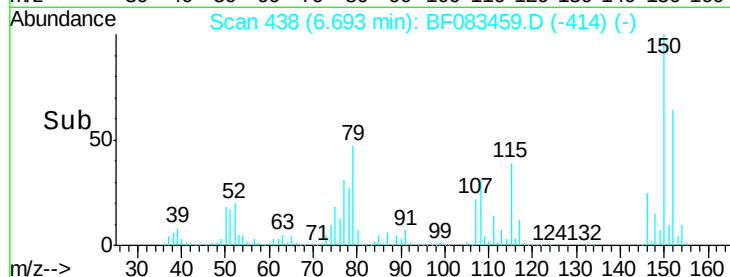
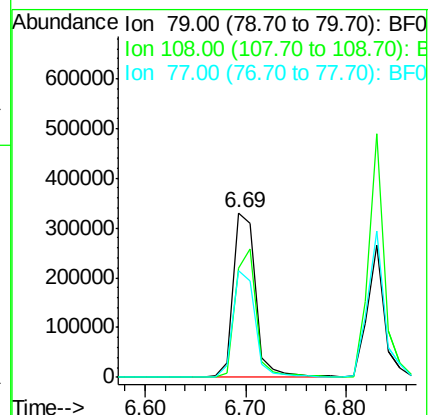
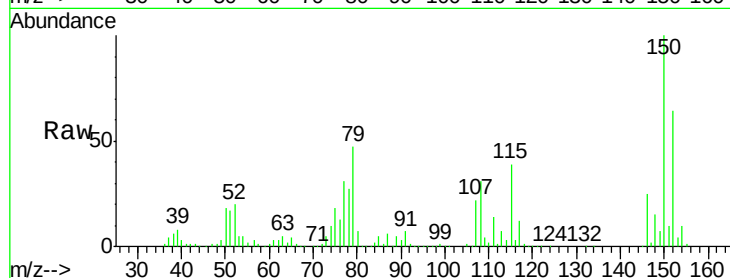
Tot Ion: 79 Resp: 518745

Ion Ratio Lower Upper

79 100

108 66.4 59.9 89.9

77 65.0 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.14 ng

RT: 6.83 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

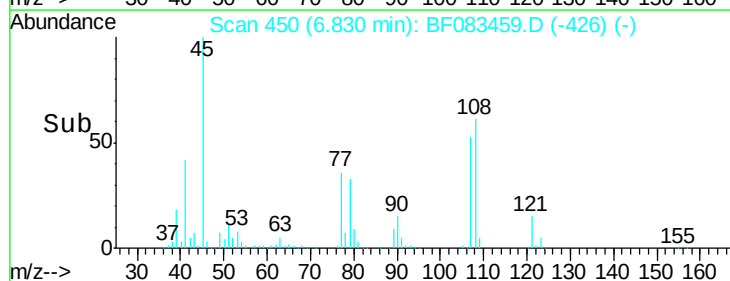
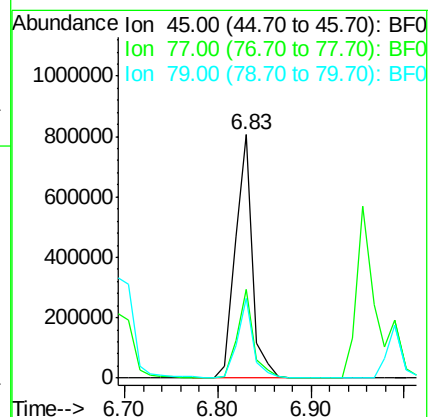
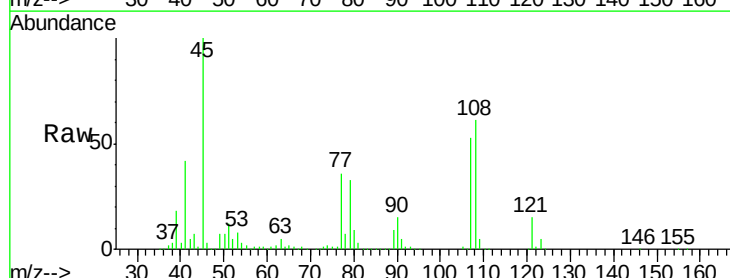
Tgt Ion: 45 Resp: 1019928

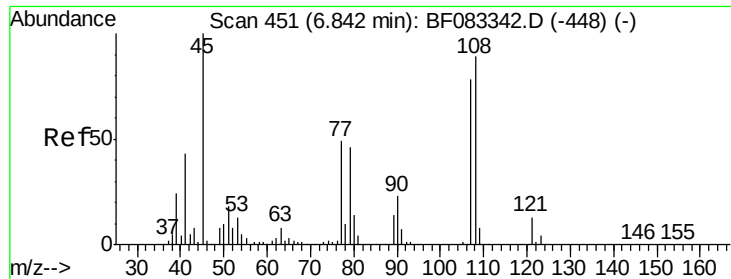
Ion Ratio Lower Upper

45 100

77 36.4 0.0 38.3

79 33.0 0.0 35.4

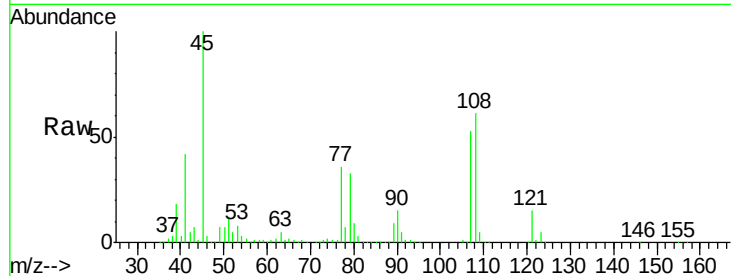




#17
2-Methylphenol
Concen: 11.71 ng
RT: 6.83 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.6	137.4
77	68.7	49.9	74.9
79	62.3	47.3	70.9



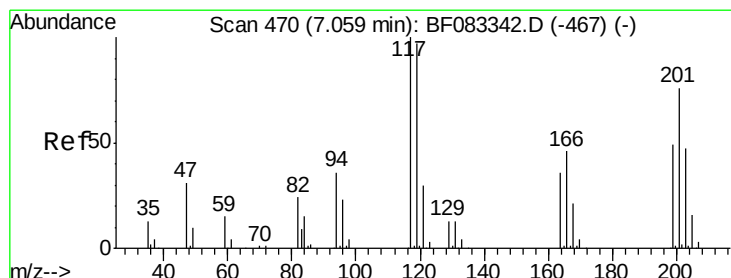
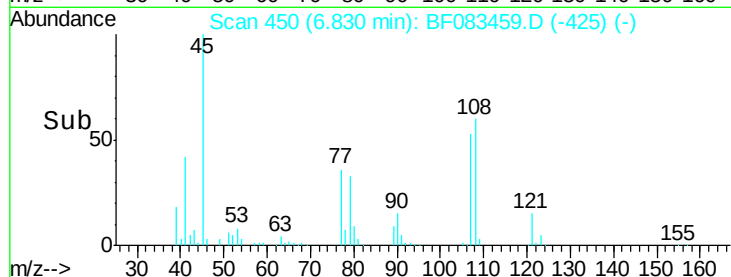
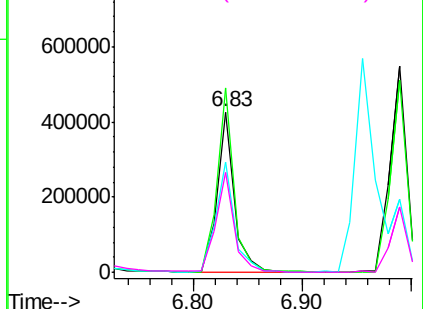
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

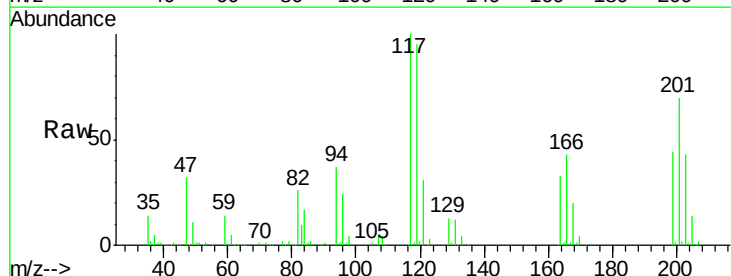
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 11.38 ng
RT: 7.04 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.3	115.9
201	69.6	60.6	90.8

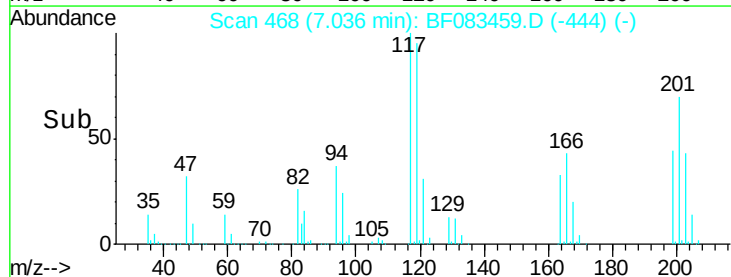
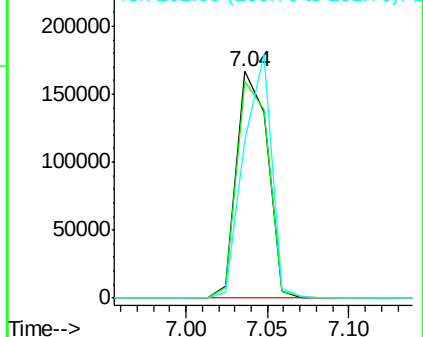


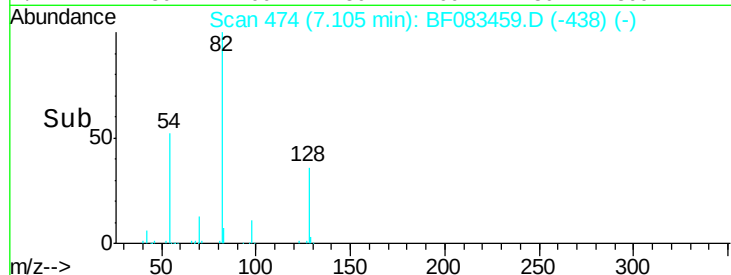
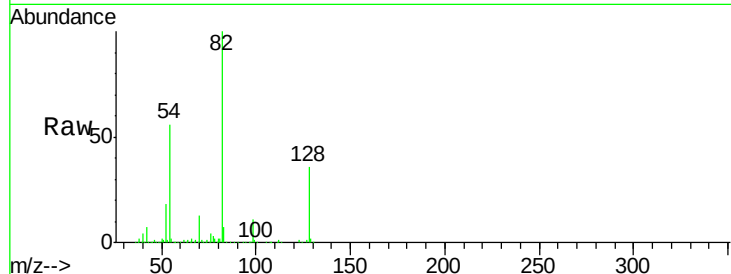
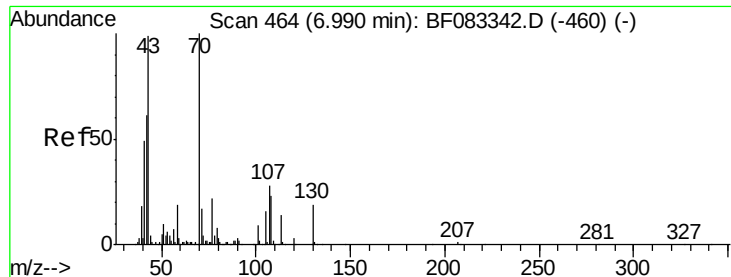
Abundance

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

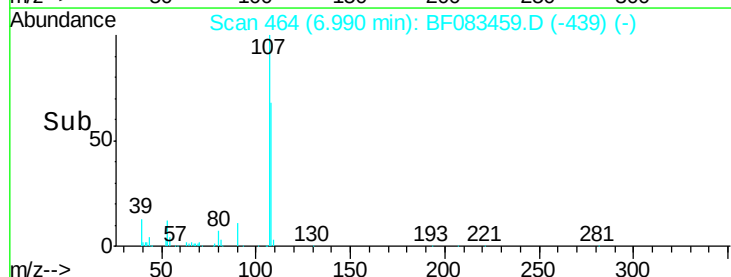
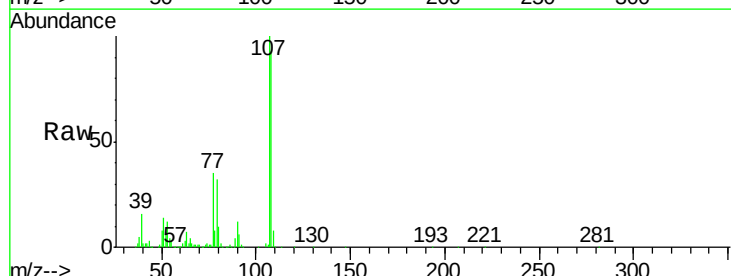
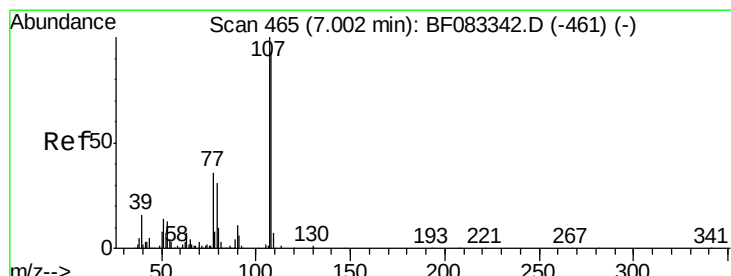
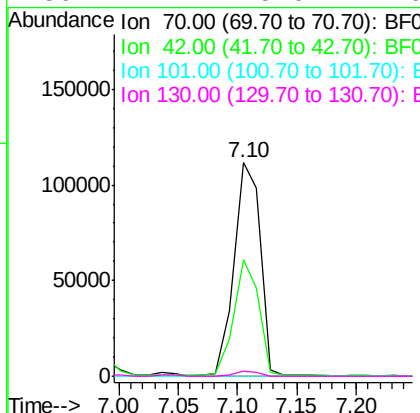




#19
n-Nitroso-di-n-propylamine
Concen: 4.04 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.11 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

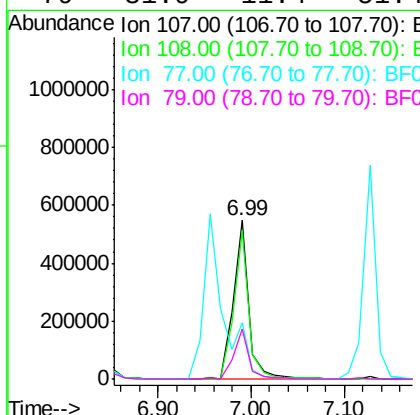
Instrument :
BNA_F
ClientSampleId :

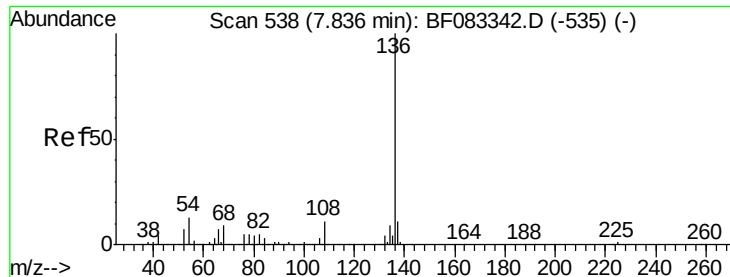
Tot Ion: 70 Resp: 172313
Ion Ratio Lower Upper
70 100
42 54.4 48.8 73.2
101 0.0 7.1 10.7#
130 2.2 15.0 22.6#



#20
3+4-Methylphenols
Concen: 11.61 ng
RT: 6.99 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion:107 Resp: 629963
Ion Ratio Lower Upper
107 100
108 93.5 73.0 113.0
77 35.4 16.8 56.8
79 31.9 11.4 51.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 751471

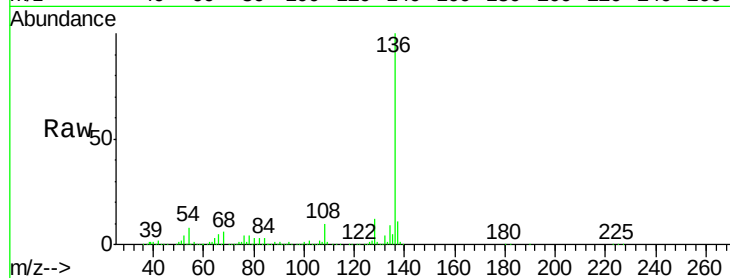
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 8.3 10.1 15.1#

68 6.1 7.1 10.7#

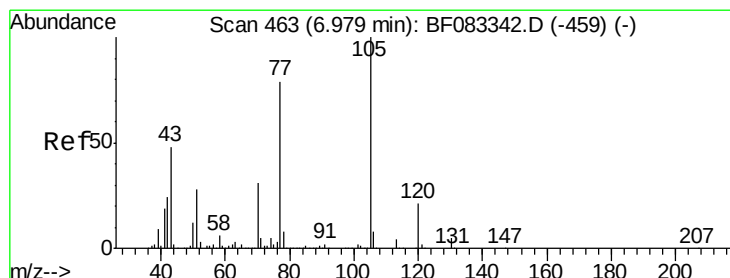
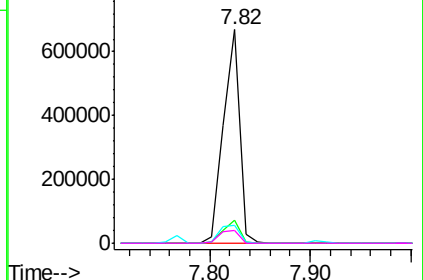
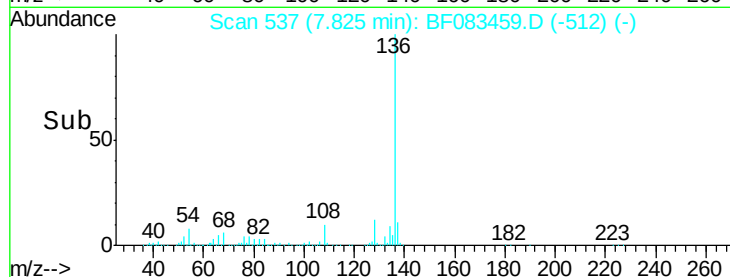


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.11 ng

RT: 6.96 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Tgt Ion:105 Resp: 811911

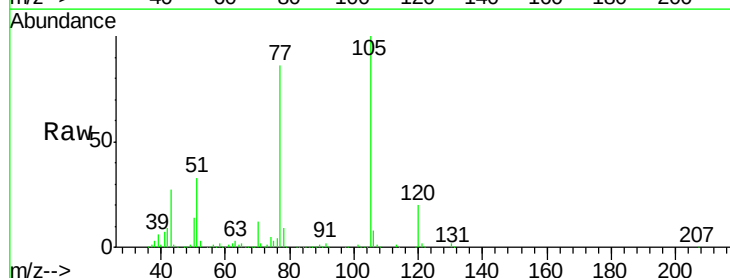
Ion Ratio Lower Upper

105 100

71 2.0 4.3 6.5#

51 33.5 22.9 34.3

120 20.0 16.7 25.1

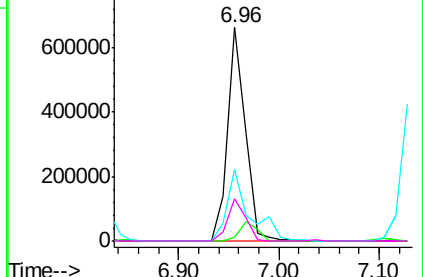
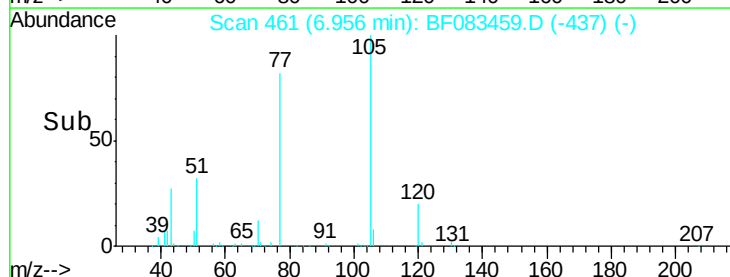


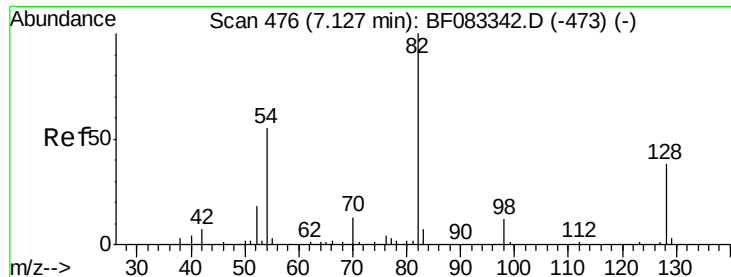
Abundance Ion 105.00 (104.70 to 105.70): E

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

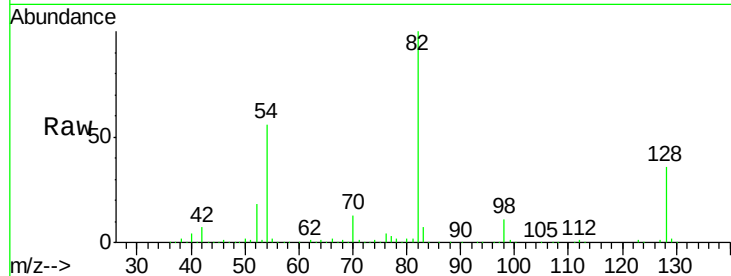




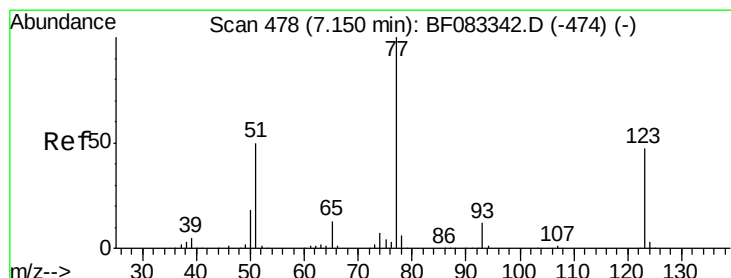
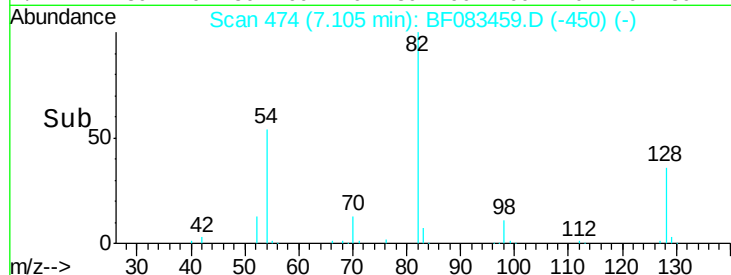
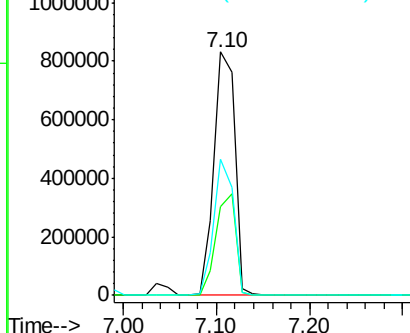
#23
Nitrobenzene-d5
Concen: 75.97 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1298707
Ion Ratio Lower Upper
82 100
128 36.3 30.6 46.0
54 56.1 43.8 65.6

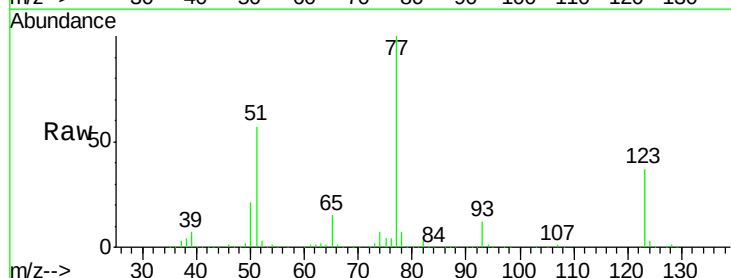


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

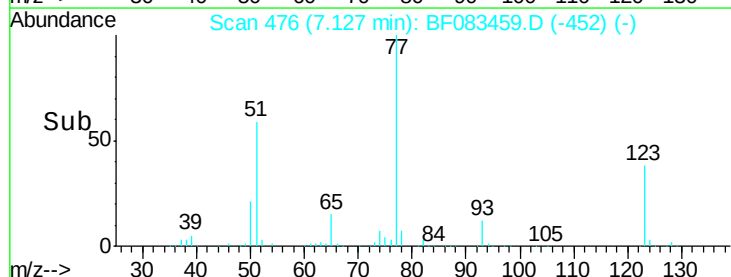
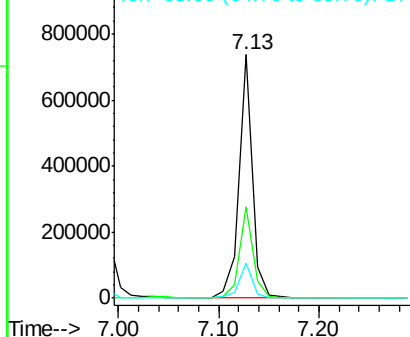


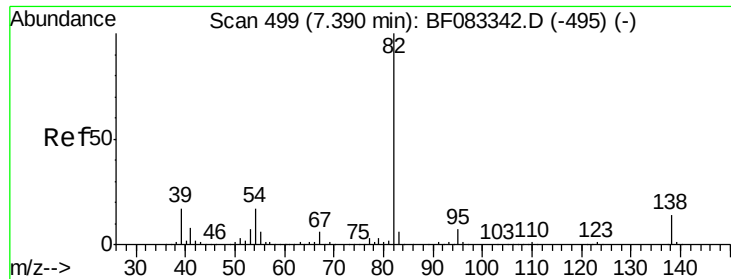
#24
Nitrobenzene
Concen: 37.33 ng
RT: 7.13 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion: 77 Resp: 681401
Ion Ratio Lower Upper
77 100
123 37.2 37.4 56.0#
65 14.6 10.6 15.8



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





#25

Isophorone

Concen: 37.16 ng

RT: 7.38 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :

BNA_F

ClientSampleId :

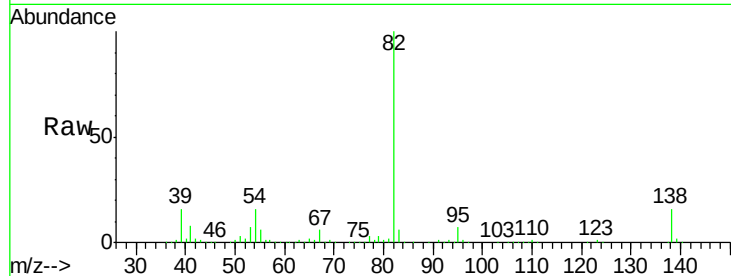
Tot Ion: 82 Resp: 1230603

Ion Ratio Lower Upper

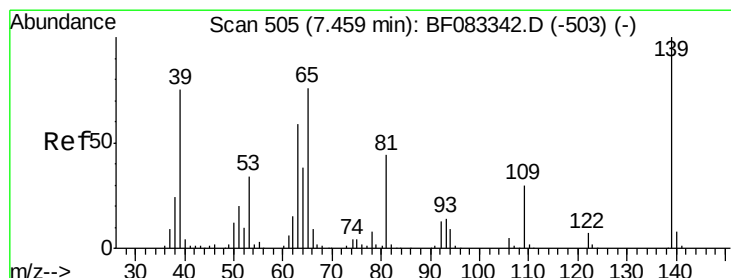
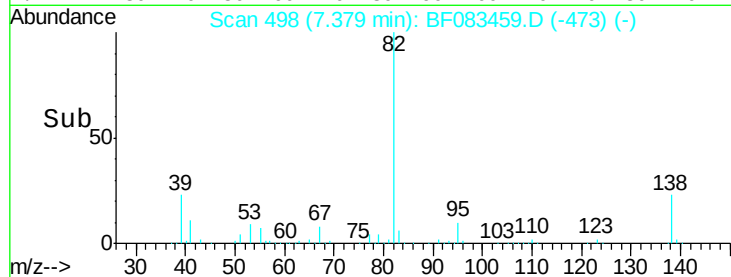
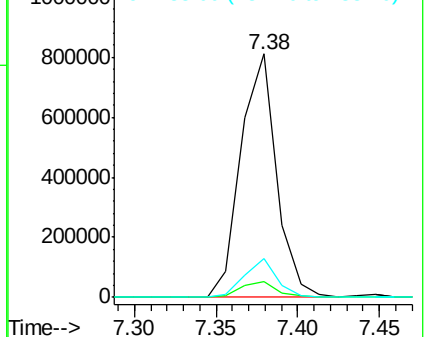
82 100

95 6.7 5.3 7.9

138 15.7 11.6 17.4



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



#26

2-Nitrophenol

Concen: 41.68 ng

RT: 7.45 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

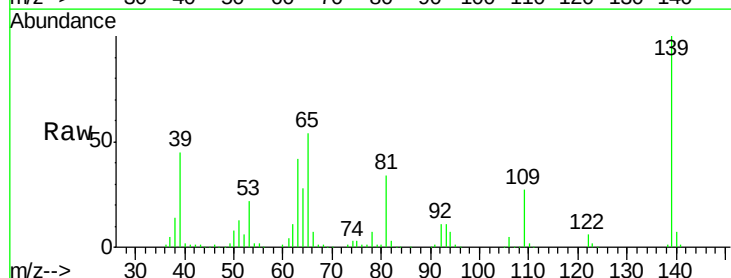
Tgt Ion: 139 Resp: 310566

Ion Ratio Lower Upper

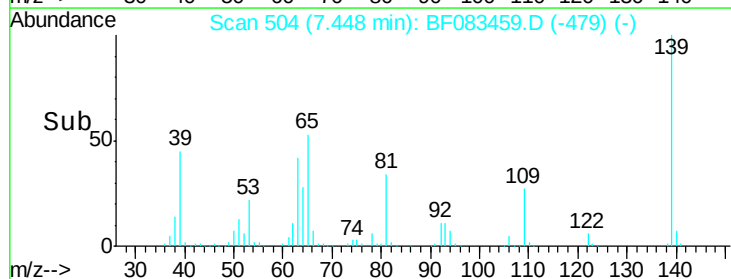
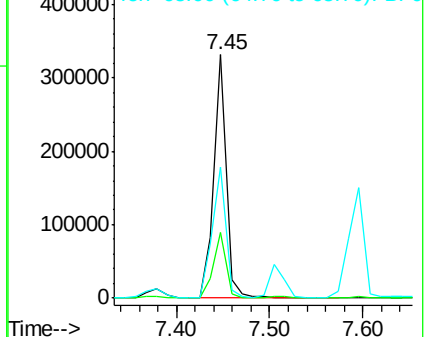
139 100

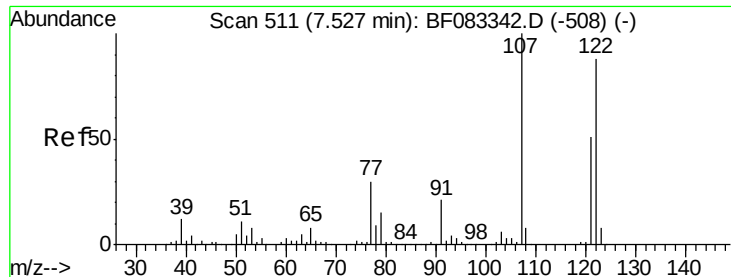
109 27.2 24.2 36.4

65 53.7 61.0 91.6#



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





#27

2,4-Dimethylphenol

Concen: 36.45 ng

RT: 7.50 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :

BNA_F

ClientSampled :

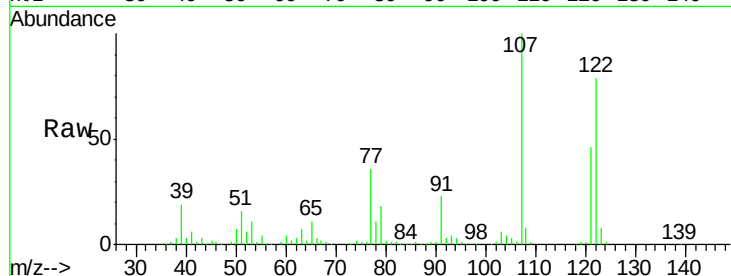
Tot Ion:122 Resp: 455306

Ion Ratio Lower Upper

122 100

107 127.0 91.2 136.8

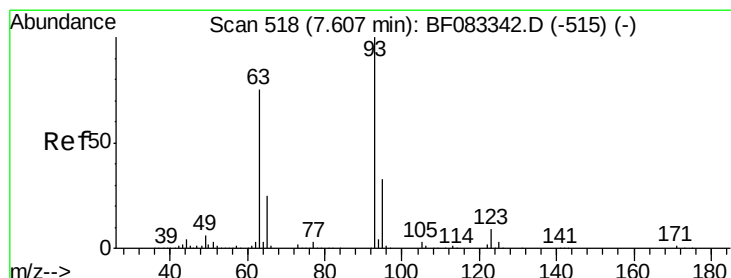
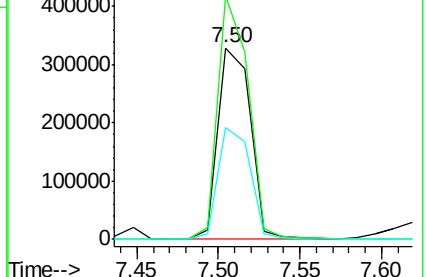
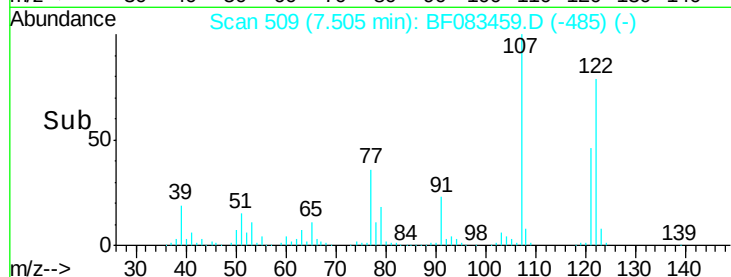
121 58.1 46.4 69.6



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: 39.67 ng

RT: 7.60 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

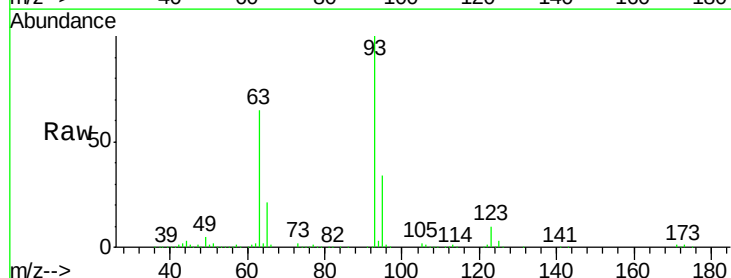
Tgt Ion: 93 Resp: 747994

Ion Ratio Lower Upper

93 100

95 33.7 26.1 39.1

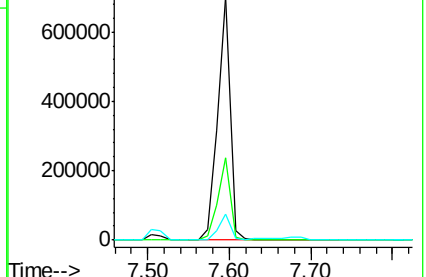
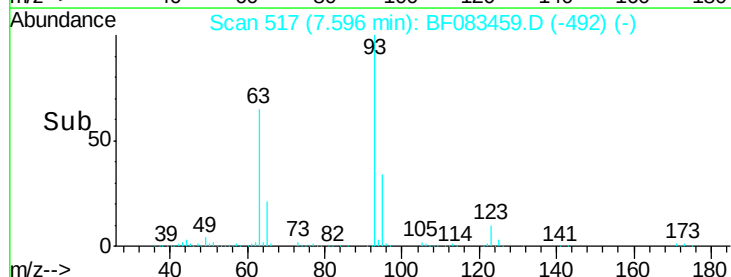
123 10.4 7.4 11.0

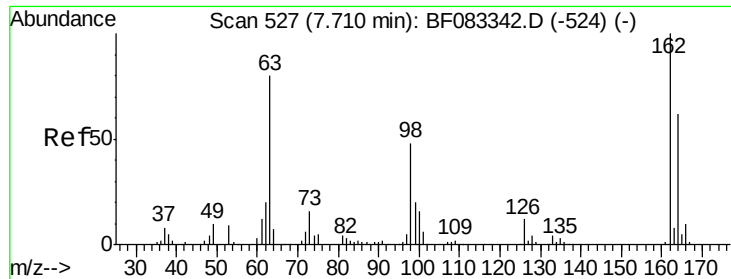


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

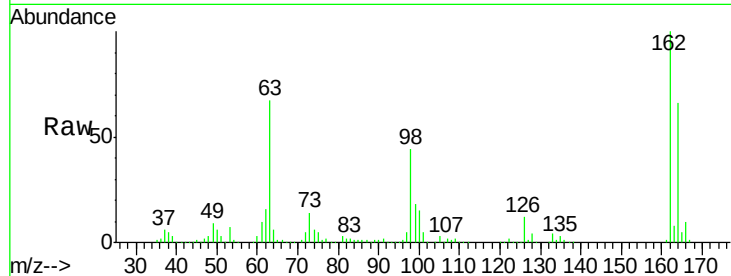




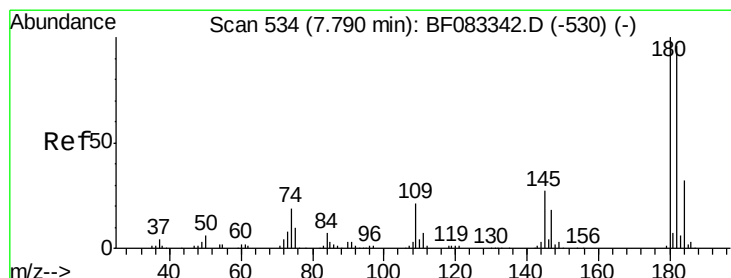
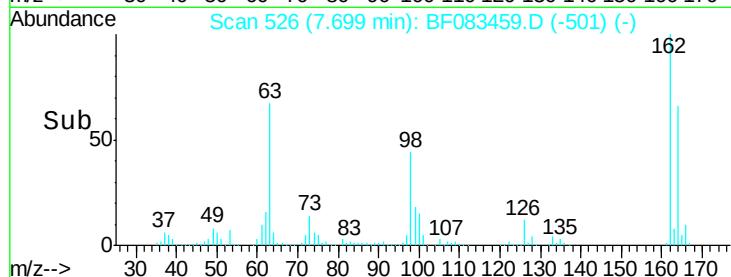
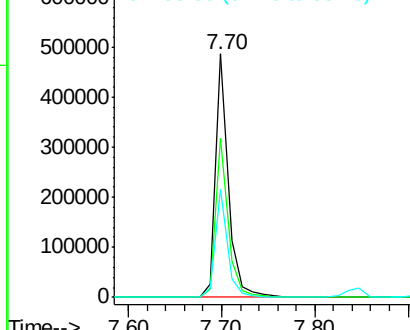
#29
2,4-Dichlorophenol
Concen: 38.25 ng
RT: 7.70 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 459533
Ion Ratio Lower Upper
162 100
164 65.5 41.9 81.9
98 44.2 28.1 68.1

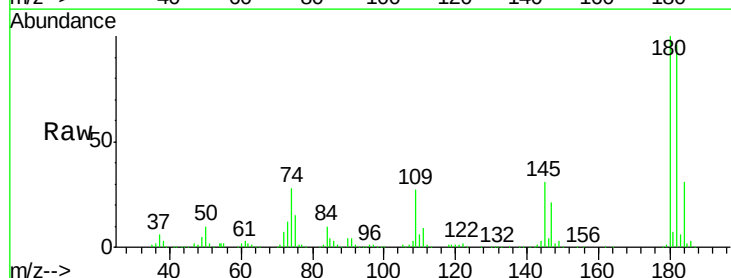


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

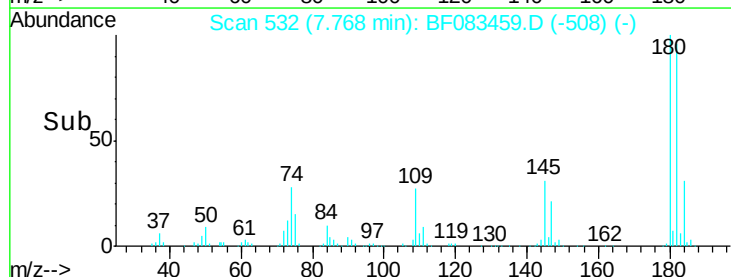
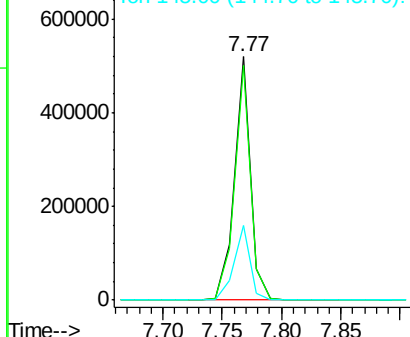


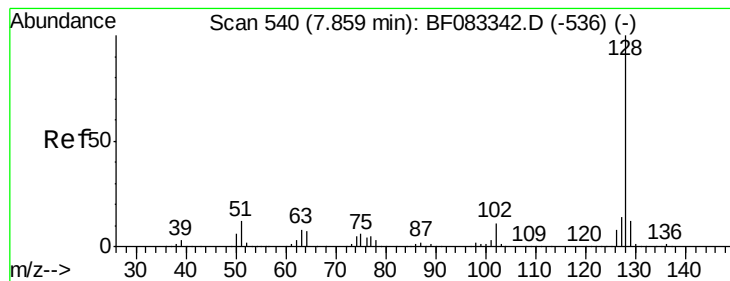
#30
1,2,4-Trichlorobenzene
Concen: 37.51 ng
RT: 7.77 min Scan# 532
Delta R.T. -0.02 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion:180 Resp: 490445
Ion Ratio Lower Upper
180 100
182 96.2 77.2 115.8
145 30.9 21.4 32.2



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





#31

Naphthalene

Concen: 38.36 ng

RT: 7.85 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :

BNA_F

ClientSampleId :

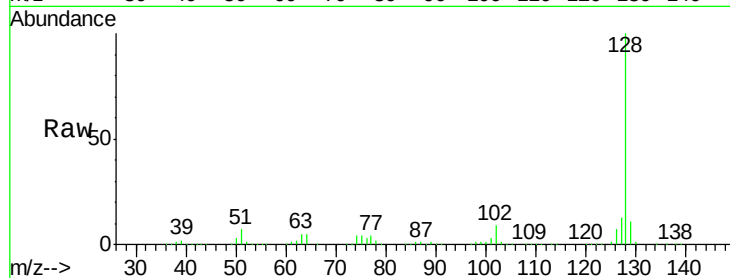
Tot Ion:128 Resp: 1564041

Ion Ratio Lower Upper

128 100

129 11.0 9.7 14.5

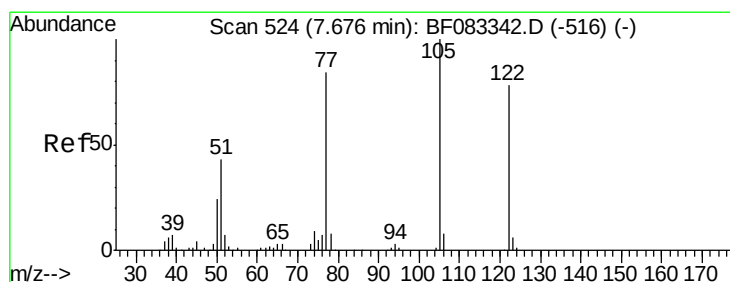
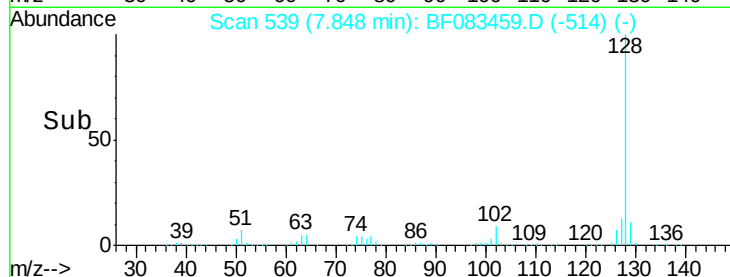
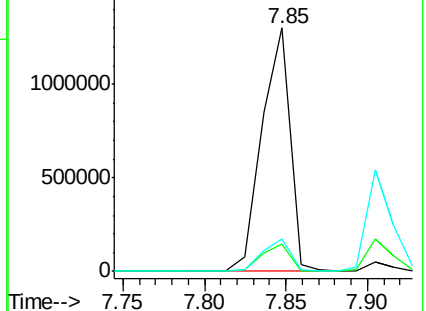
127 13.2 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.43 ng

RT: 7.69 min Scan# 525

Delta R.T. 0.01 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

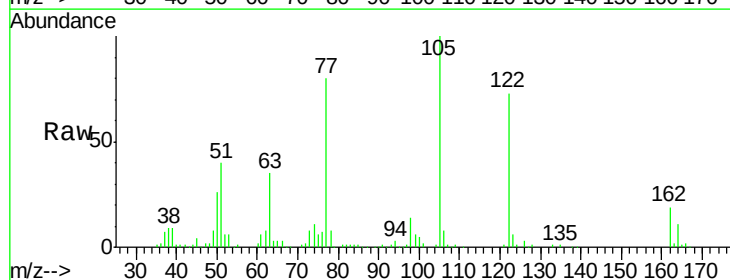
Tgt Ion:122 Resp: 339748

Ion Ratio Lower Upper

122 100

105 137.7 106.0 146.0

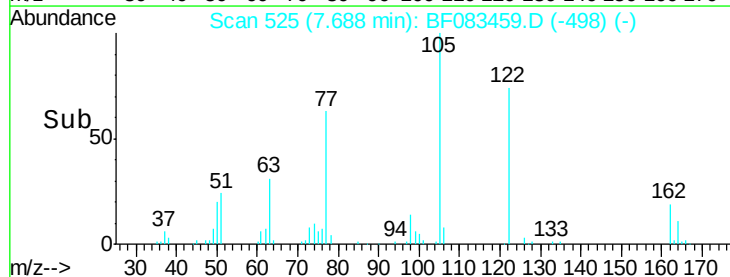
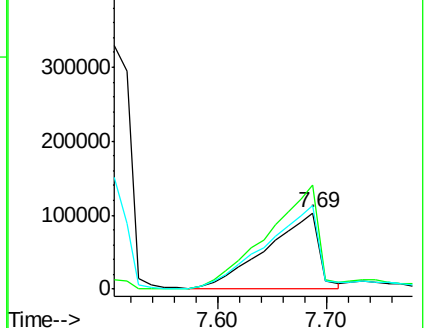
77 110.4 86.3 126.3

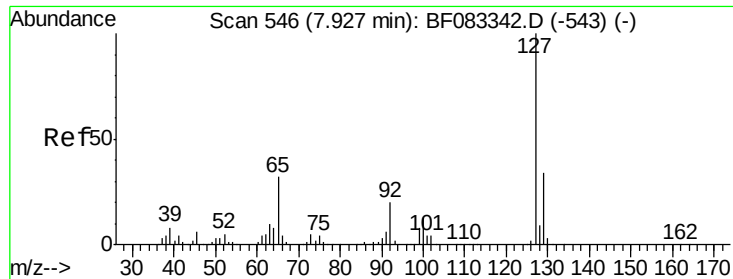


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

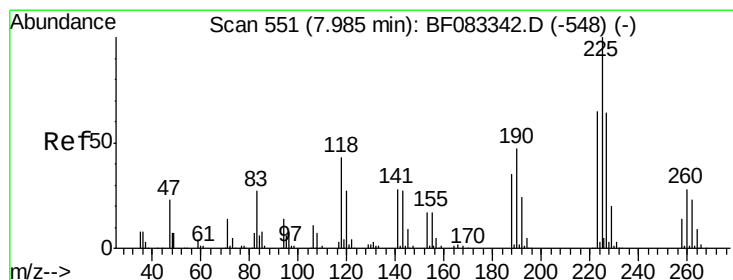
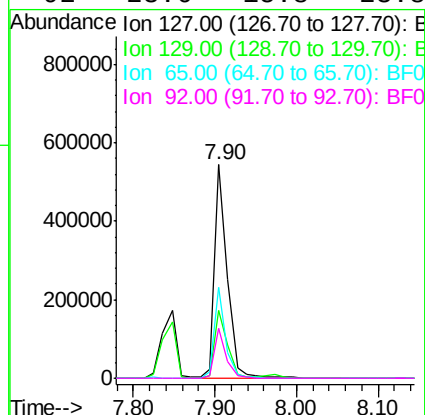
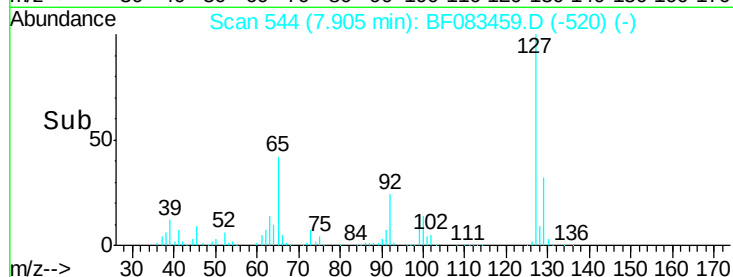
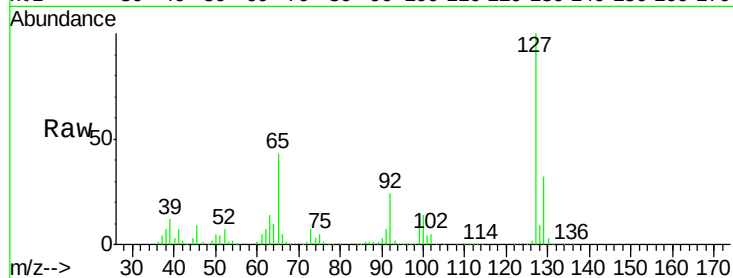




#33
4-Chloroaniline
Concen: 34.25 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

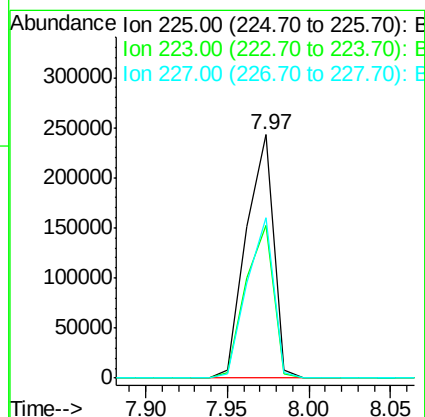
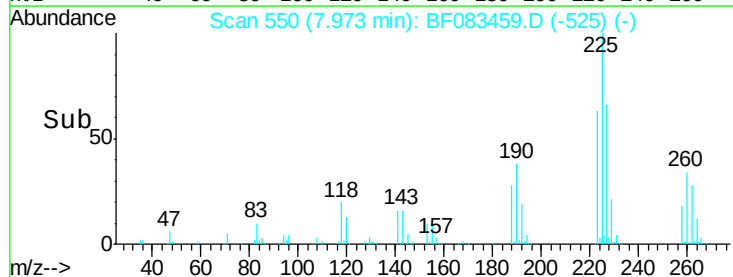
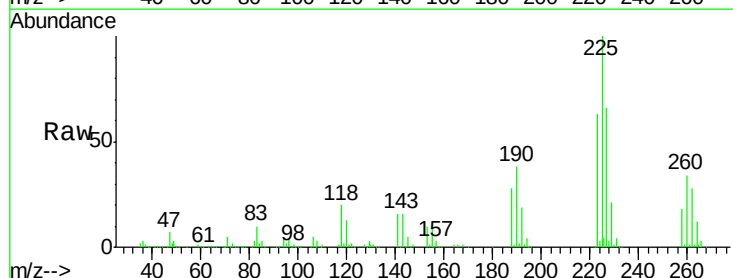
Instrument :
BNA_F
ClientSampleId :

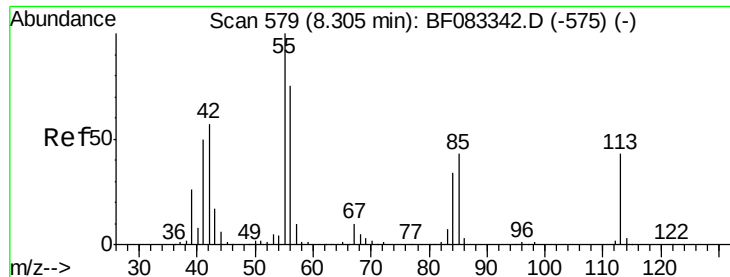
Tot Ion:	127	Resp:	602060
Ion	Ratio	Lower	Upper
127	100		
129	31.9	27.0	40.4
65	42.8	25.9	38.9
92	23.6	15.8	23.8



#34
Hexachlorobutadiene
Concen: 37.92 ng
RT: 7.97 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion:	225	Resp:	281564
Ion	Ratio	Lower	Upper
225	100		
223	62.9	52.0	78.0
227	65.9	51.1	76.7

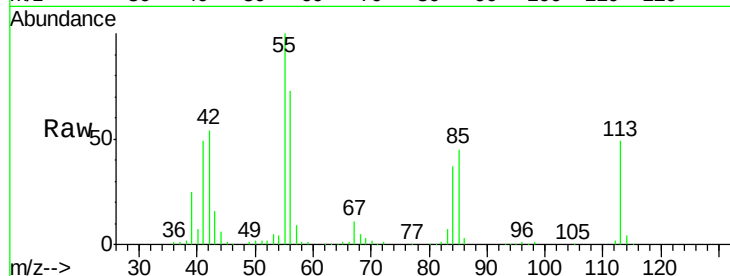




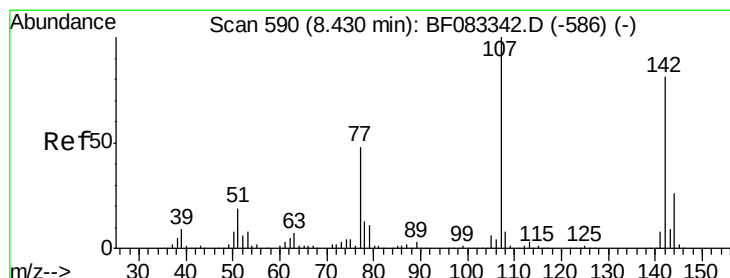
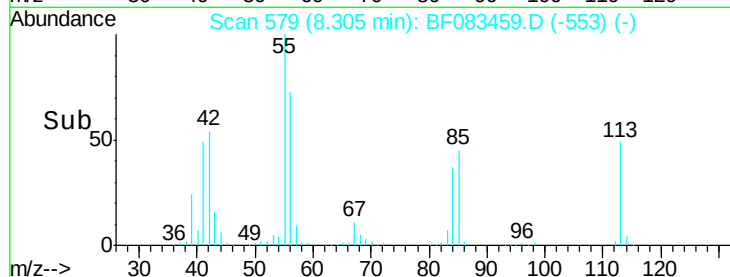
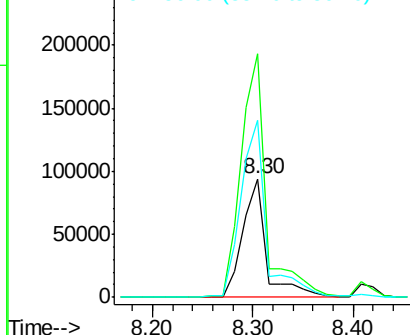
#35
Caprolactam
Concen: 40.43 ng
RT: 8.30 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 153477
Ion Ratio Lower Upper
113 100
55 205.0 211.6 251.6#
56 149.2 153.0 193.0#

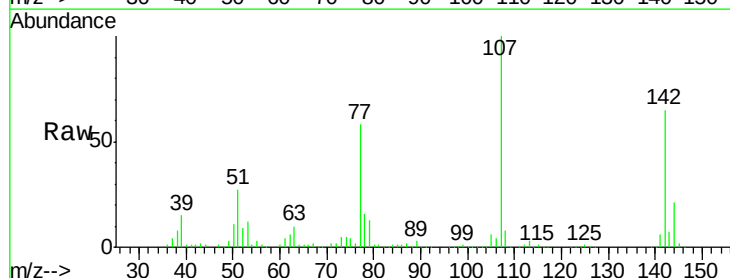


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

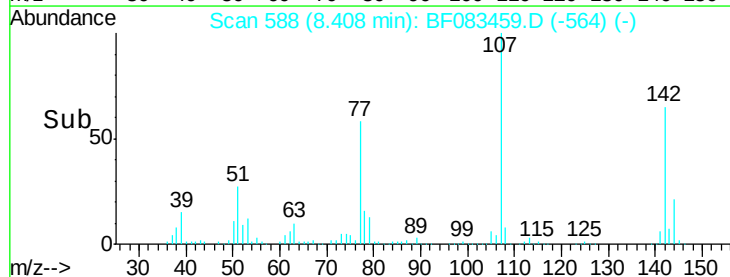
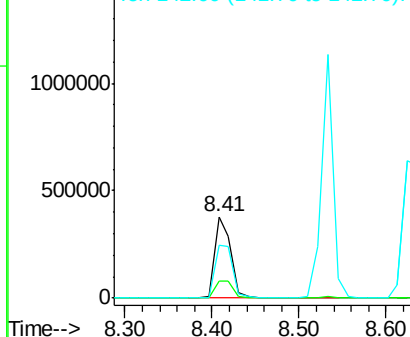


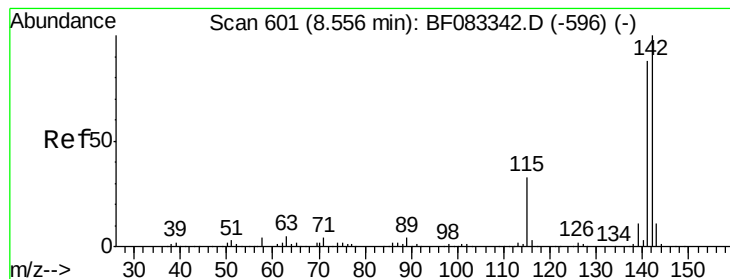
#36
4-Chloro-3-methylphenol
Concen: 36.73 ng
RT: 8.41 min Scan# 588
Delta R.T. -0.02 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion:107 Resp: 495018
Ion Ratio Lower Upper
107 100
144 20.6 21.1 31.7#
142 64.7 65.1 97.7#



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





#37

2-Methylnaphthalene

Concen: 37.23 ng

RT: 8.53 min Scan# 599

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :

BNA_F

ClientSampleId :

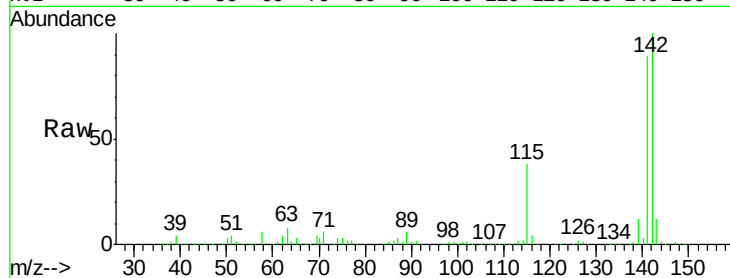
Tot Ion:142 Resp: 1014599

Ion Ratio Lower Upper

142 100

141 89.0 70.6 105.8

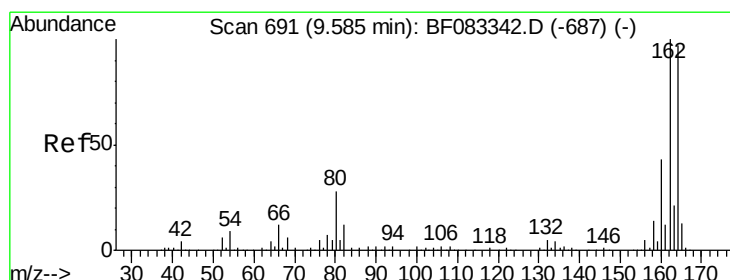
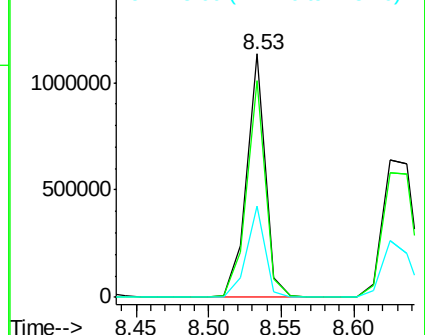
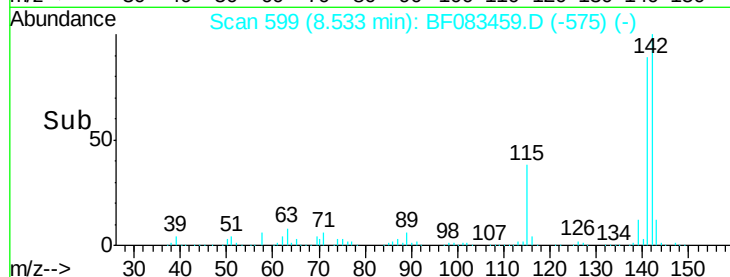
115 37.6 26.2 39.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

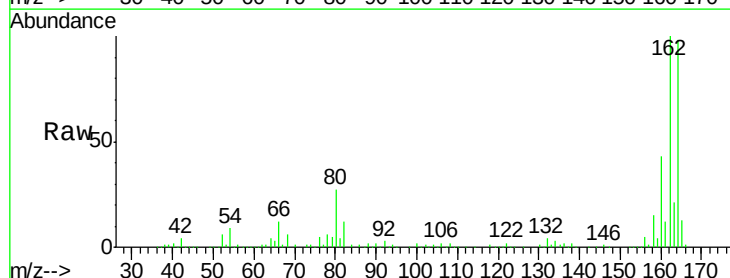
Tgt Ion:164 Resp: 370829

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

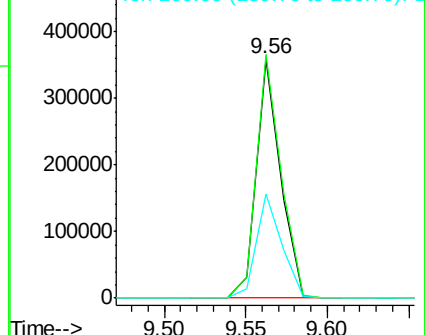
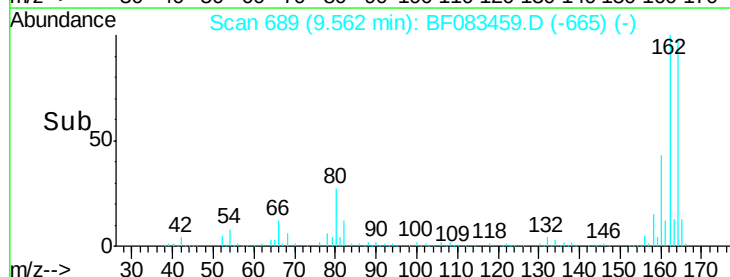
160 43.6 35.3 52.9

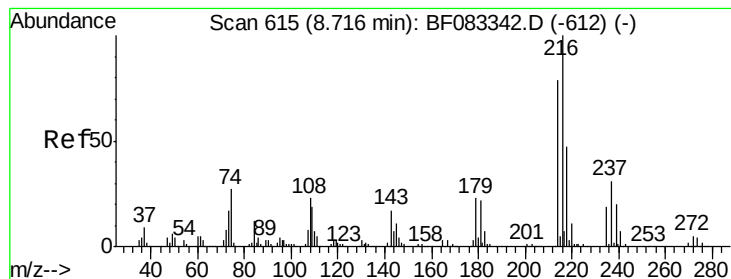


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.03 ng

RT: 8.70 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 470538

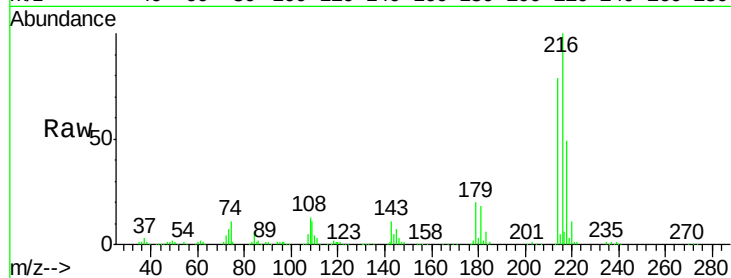
Ion Ratio Lower Upper

216 100

214 79.1 62.3 93.5

179 21.5 17.0 25.4

108 18.9 16.7 25.1

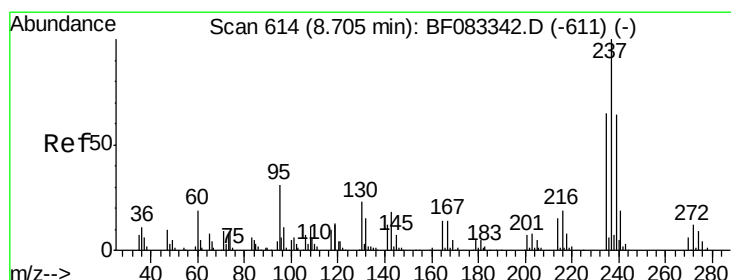
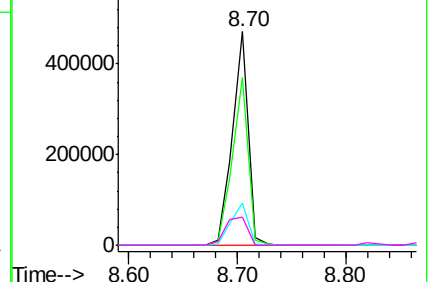
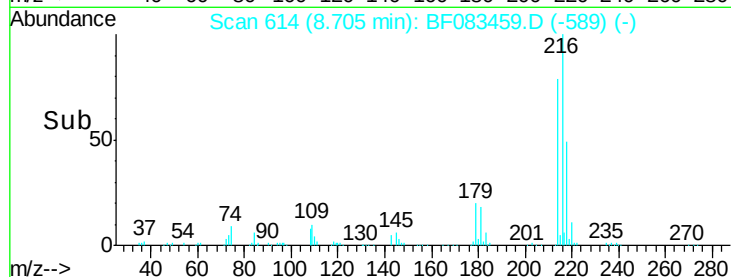


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 26.25 ng

RT: 8.69 min Scan# 613

Delta R.T. -0.01 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

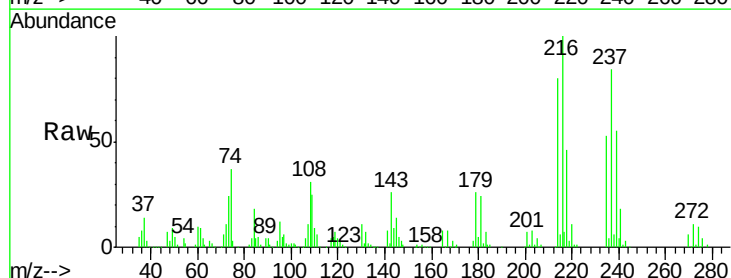
Tgt Ion:237 Resp: 146572

Ion Ratio Lower Upper

237 100

235 63.0 44.5 84.5

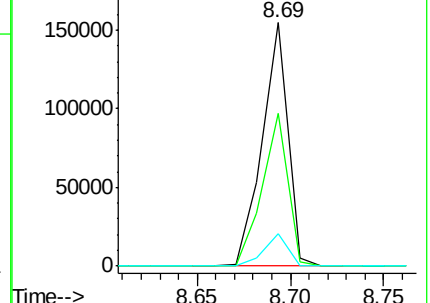
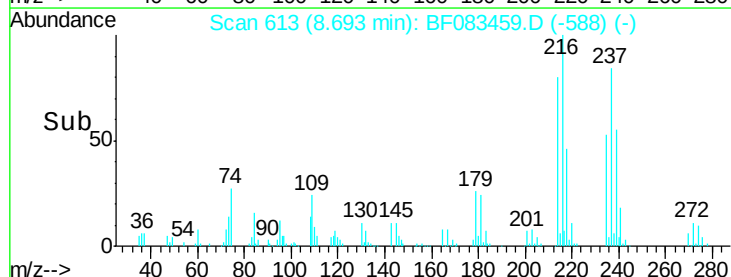
272 13.5 0.0 31.6

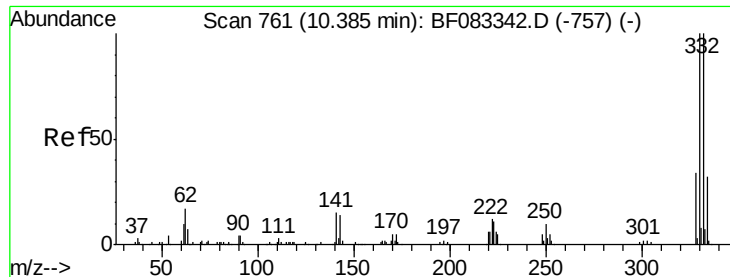


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

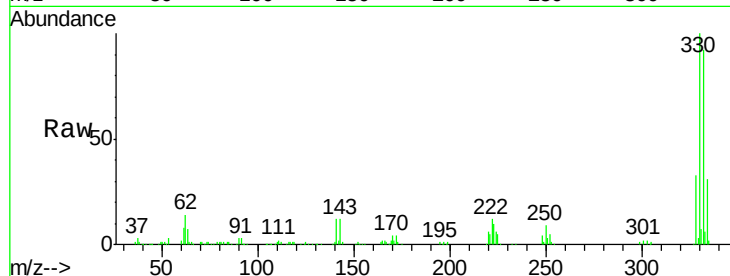




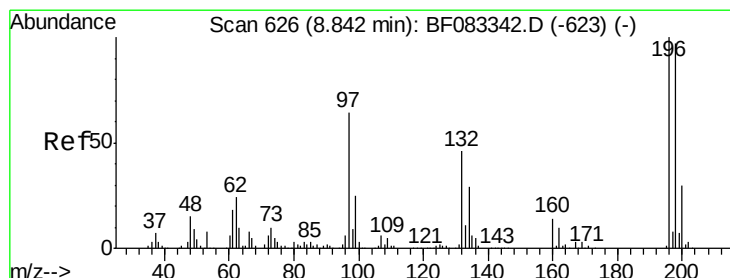
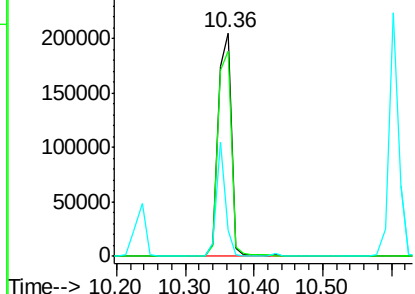
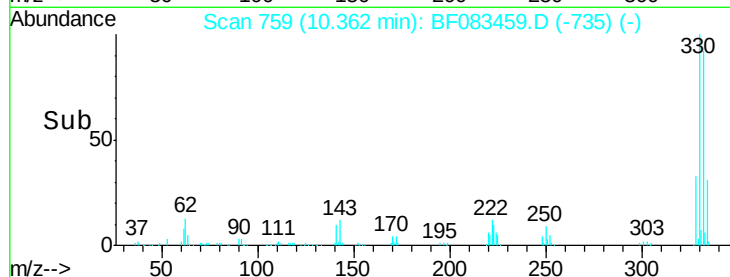
#41
 2,4,6-Tribromophenol
 Concen: 75.26 ng
 RT: 10.36 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF083459.D
 Acq: 3 Dec 2015 14:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.8	116.6
141	35.9	29.4	44.0

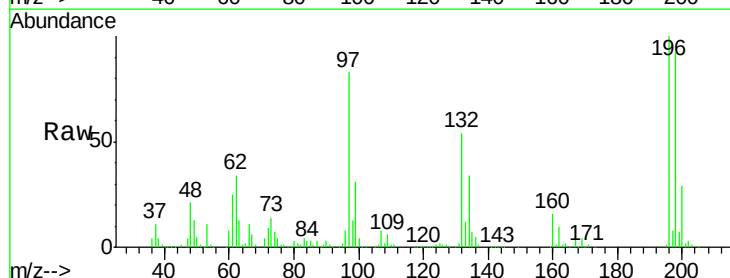


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

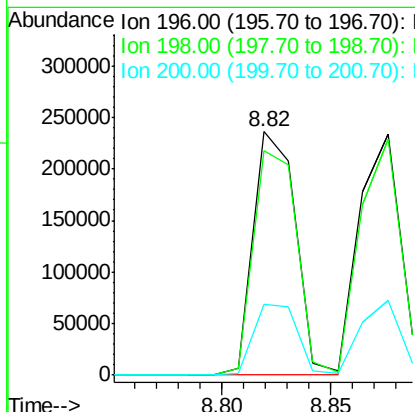
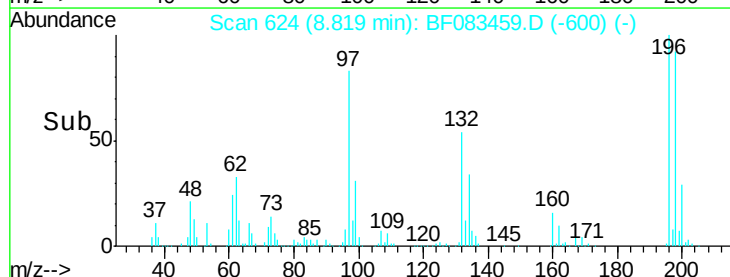


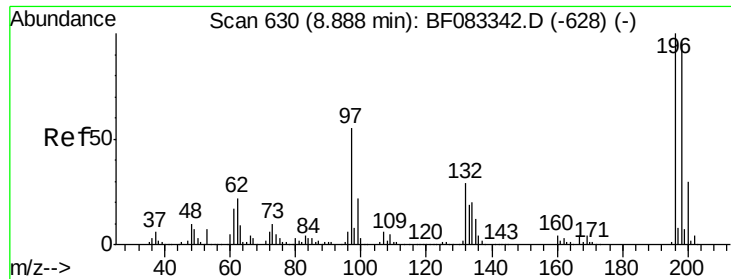
#42
 2,4,6-Trichlorophenol
 Concen: 38.86 ng
 RT: 8.82 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF083459.D
 Acq: 3 Dec 2015 14:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.1	77.2	115.8
200	29.1	24.2	36.4



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

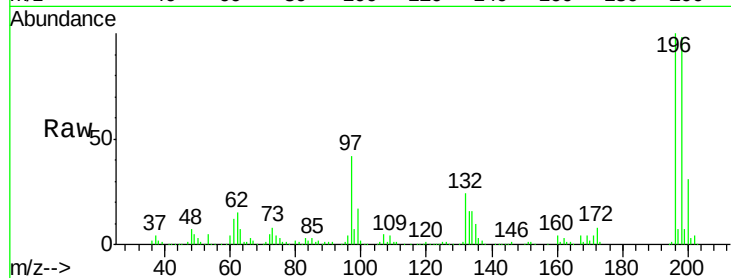




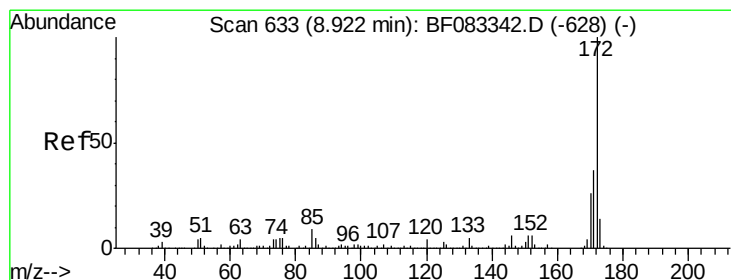
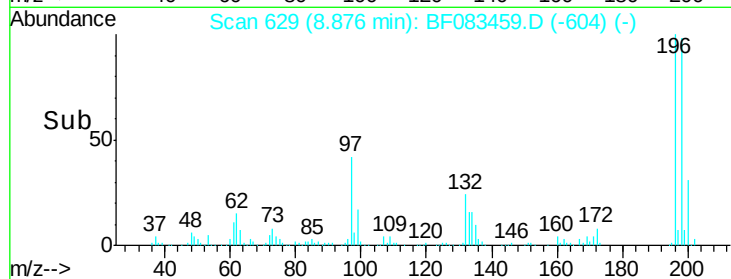
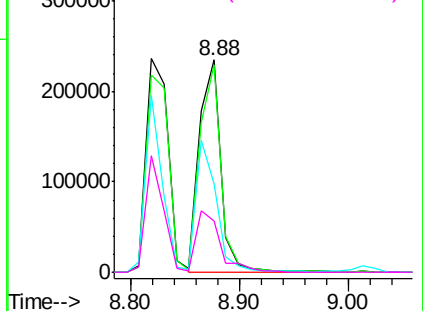
#43
 2,4,5-Trichlorophenol
 Concen: 37.72 ng
 RT: 8.88 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083459.D
 Acq: 3 Dec 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.8	77.2	115.8
97	42.0	44.4	66.6
132	24.1	23.2	34.8

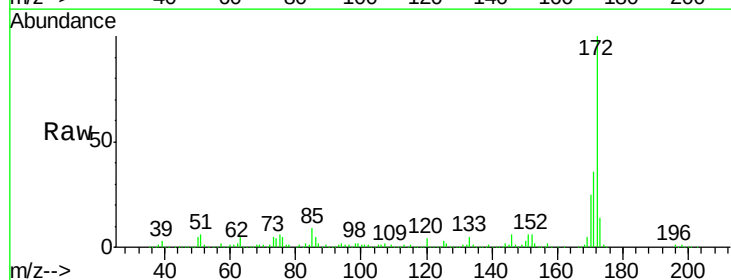


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

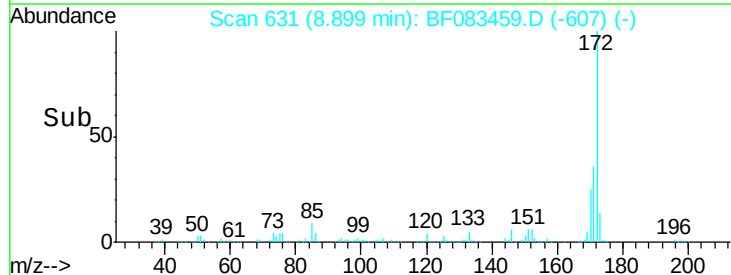
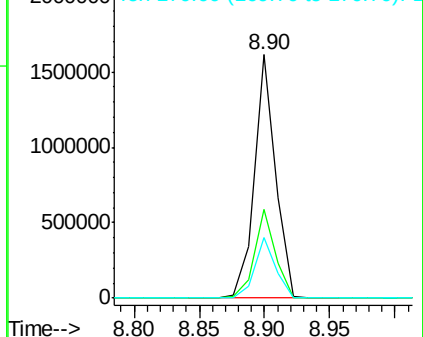


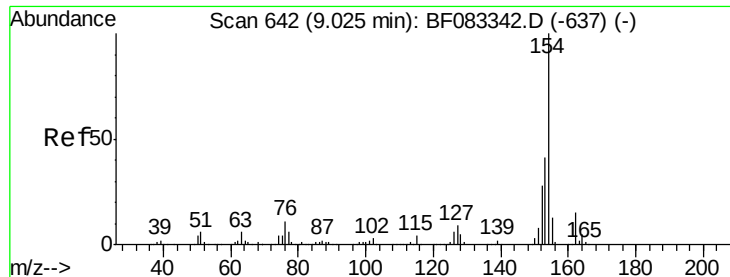
#44
 2-Fluorobiphenyl
 Concen: 70.17 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083459.D
 Acq: 3 Dec 2015 14:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	25.1	20.4	30.6



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

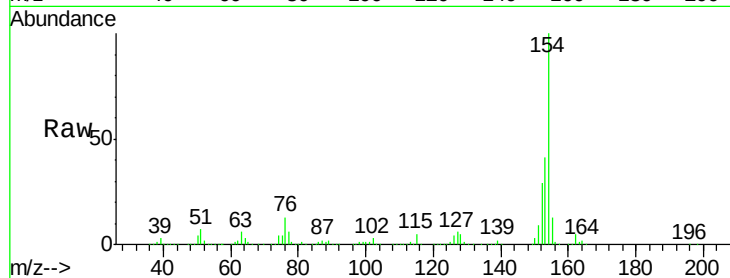




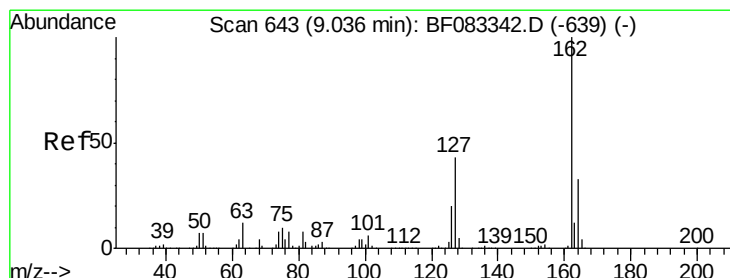
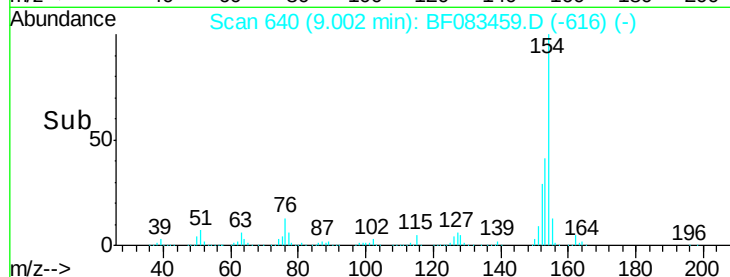
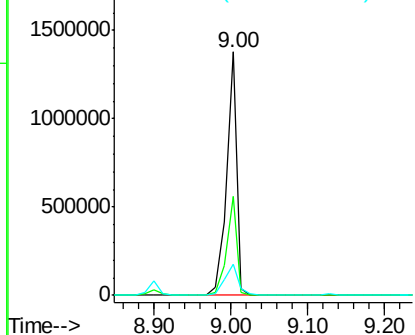
#45
 1,1'-Biphenyl
 Concen: 39.83 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF083459.D
 Acq: 3 Dec 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1295270
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.6 60.6
 76 12.9 0.0 30.5

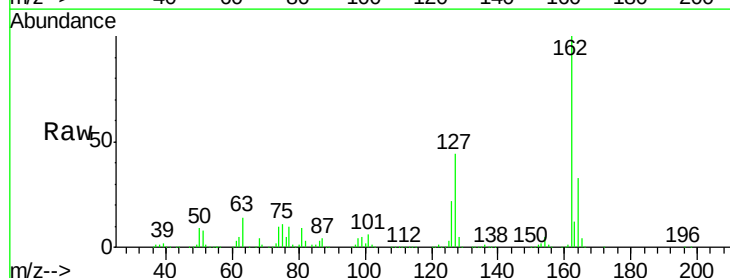


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

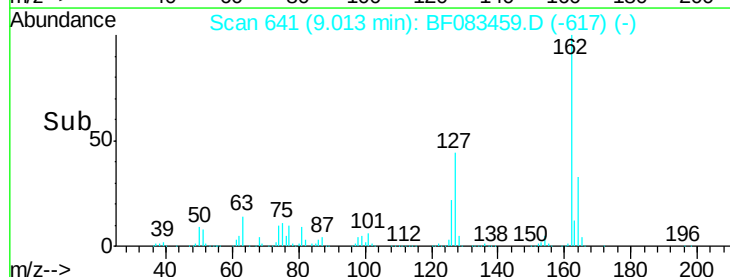
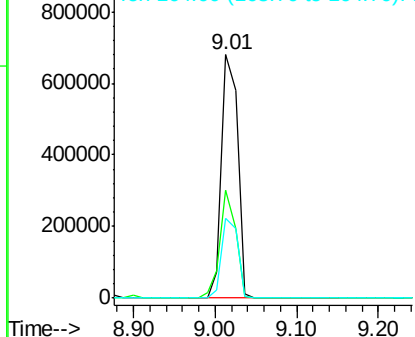


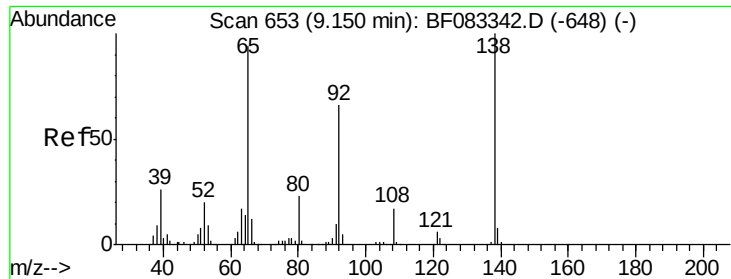
#46
 2-Chloronaphthalene
 Concen: 37.47 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF083459.D
 Acq: 3 Dec 2015 14:26

Tgt Ion:162 Resp: 928455
 Ion Ratio Lower Upper
 162 100
 127 44.4 34.1 51.1
 164 33.0 26.6 39.8



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

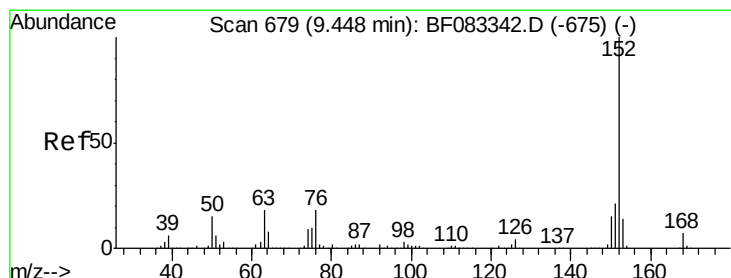
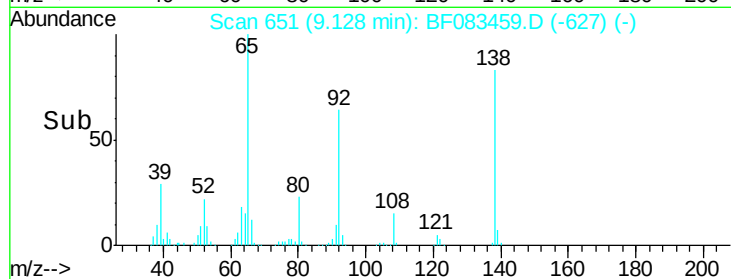
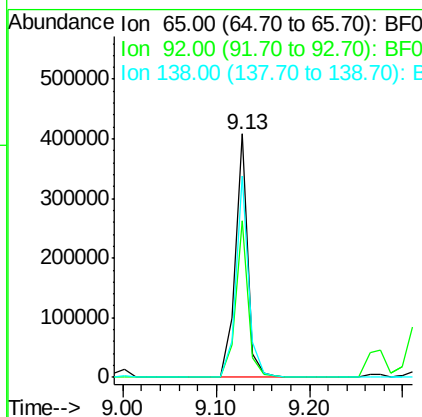
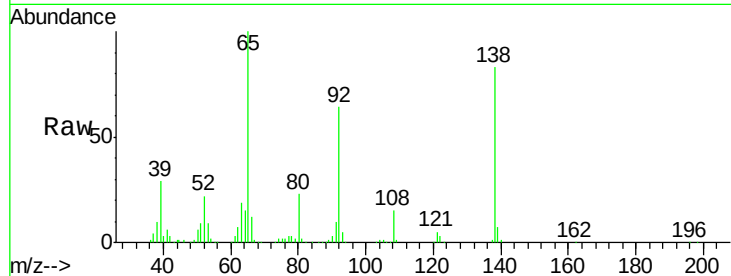




#47
2-Nitroaniline
Concen: 39.26 ng
RT: 9.13 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

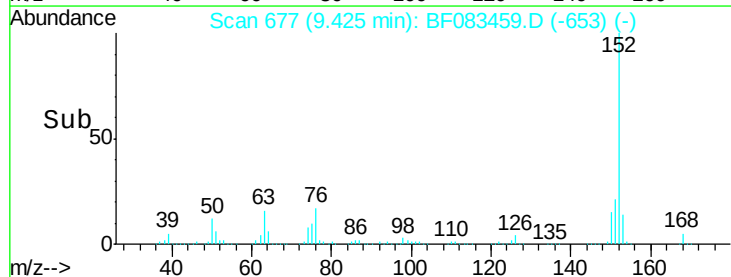
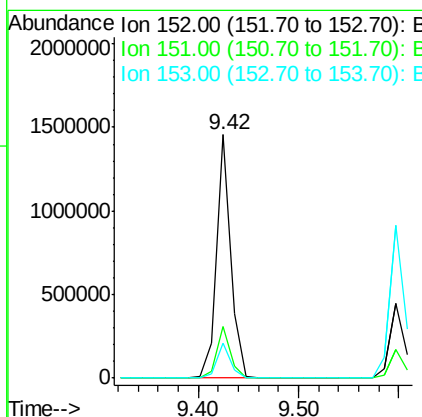
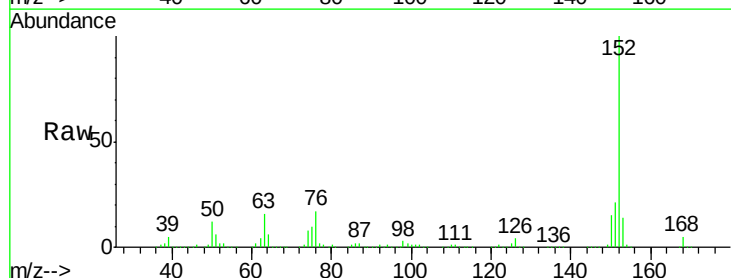
Instrument :
BNA_F
ClientSampled :

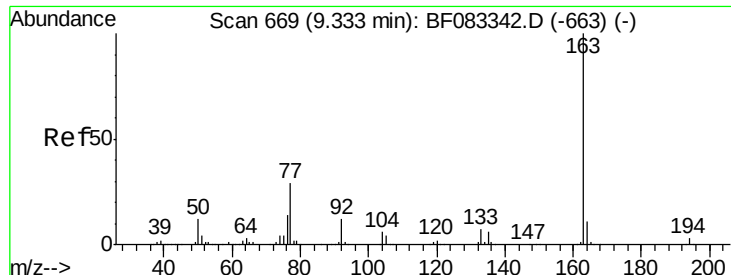
Tot Ion: 65 Resp: 385270
Ion Ratio Lower Upper
65 100
92 64.1 56.2 84.4
138 82.9 85.4 128.0#



#48
Acenaphthylene
Concen: 36.01 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion: 152 Resp: 1423361
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1
153 14.1 11.2 16.8

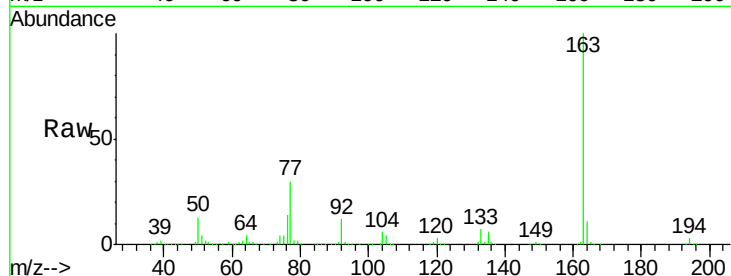




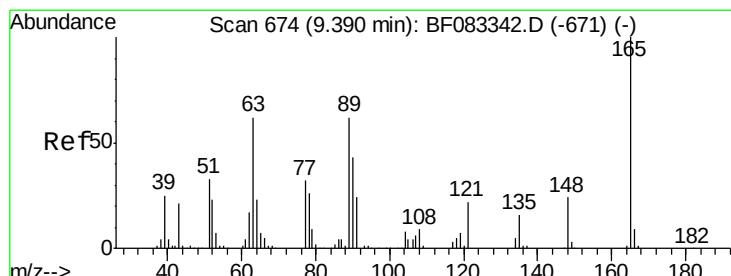
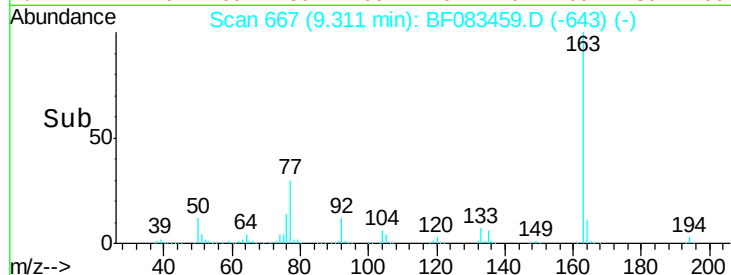
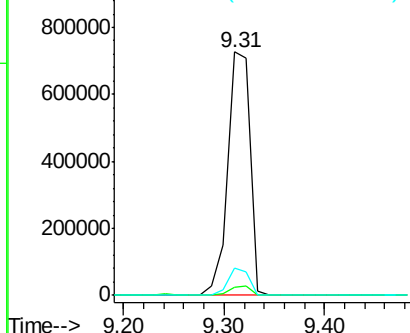
#49
Dimethylphthalate
Concen: 37.16 ng
RT: 9.31 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1119873
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 11.1 8.8 13.2

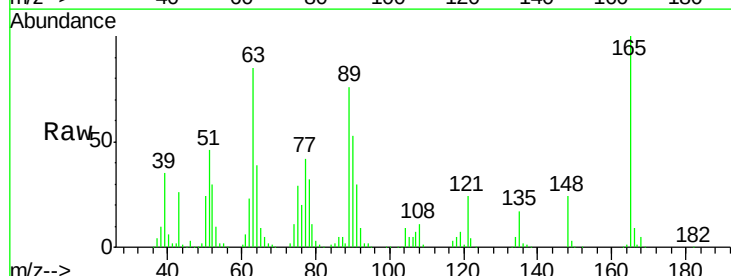


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

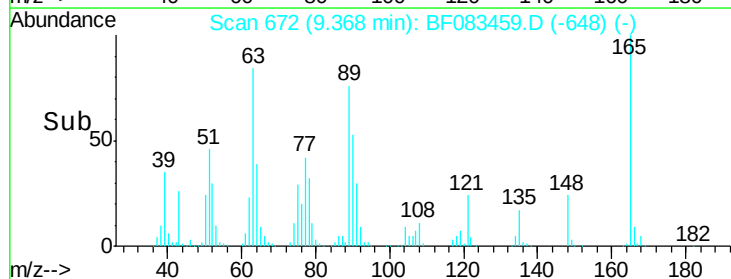
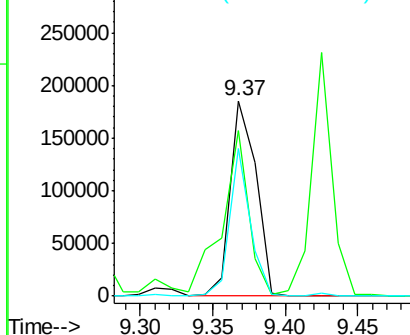


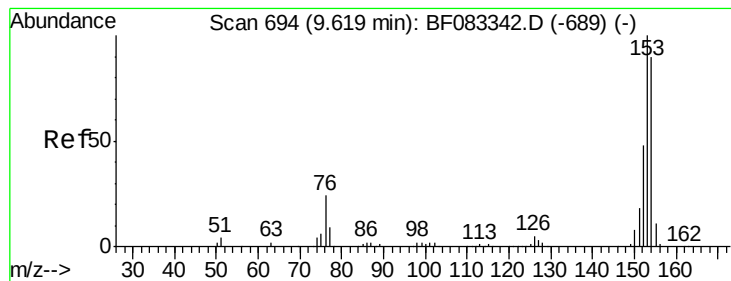
#50
2,6-Dinitrotoluene
Concen: 35.72 ng
RT: 9.37 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion:165 Resp: 229857
Ion Ratio Lower Upper
165 100
63 84.5 56.0 84.0#
89 75.7 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: 35.42 ng

RT: 9.60 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :

BNA_F

ClientSampled :

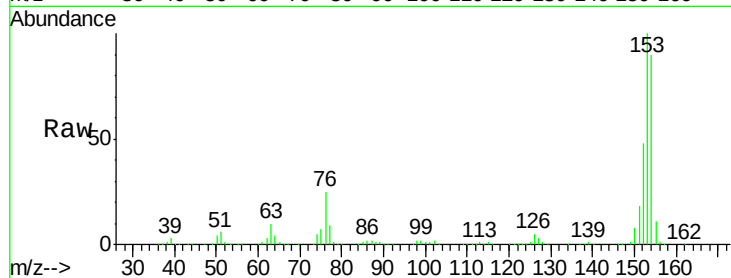
Tot Ion:154 Resp: 823499

Ion Ratio Lower Upper

154 100

153 111.5 89.3 133.9

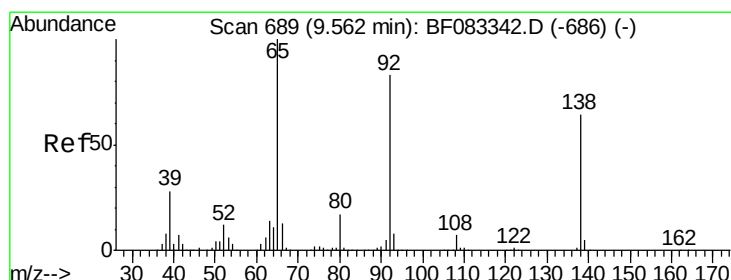
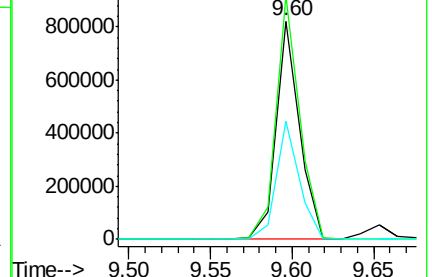
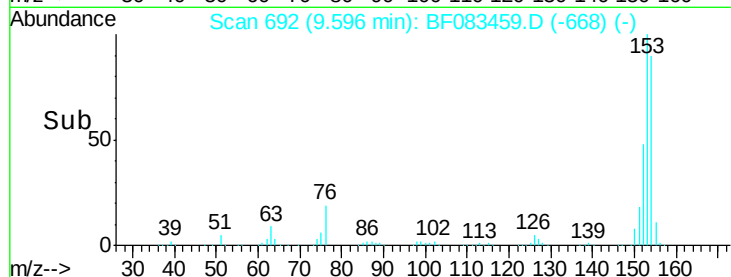
152 54.0 42.5 63.7



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: 34.55 ng

RT: 9.54 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

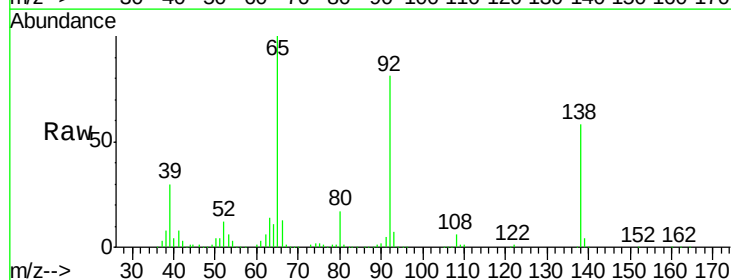
Tgt Ion:138 Resp: 260646

Ion Ratio Lower Upper

138 100

108 11.0 8.4 12.6

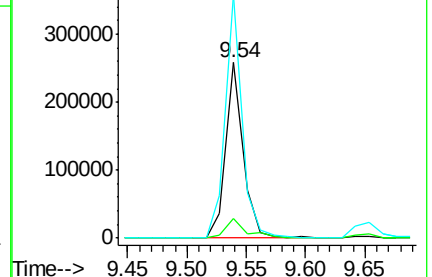
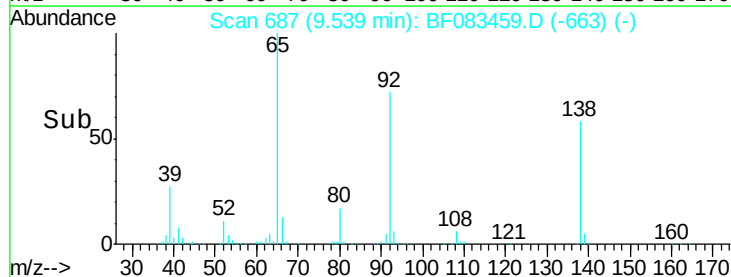
92 139.0 104.2 156.4

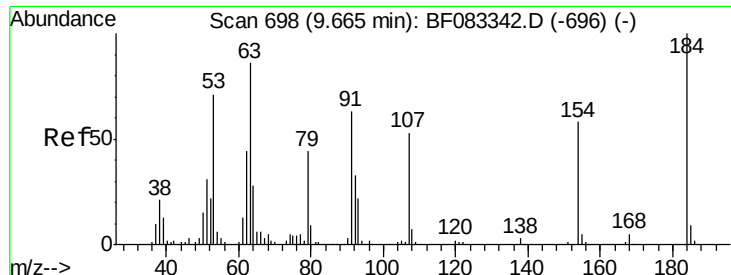


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

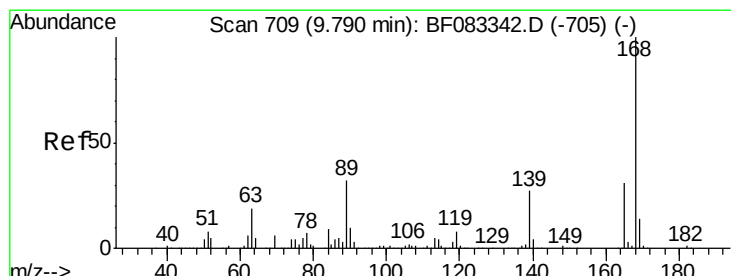
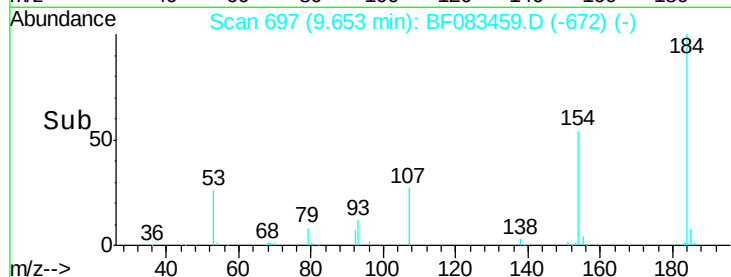
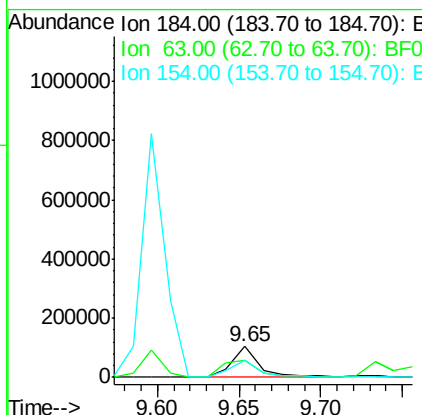
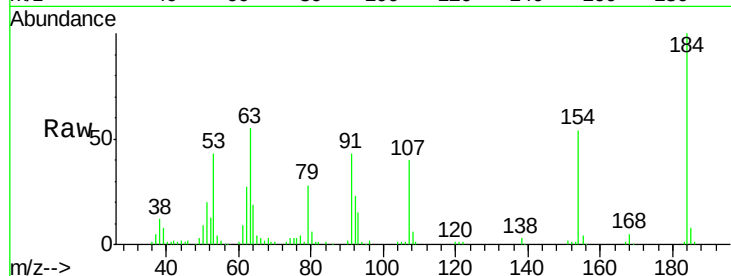




#53
2,4-Dinitrophenol
Concen: 35.84 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

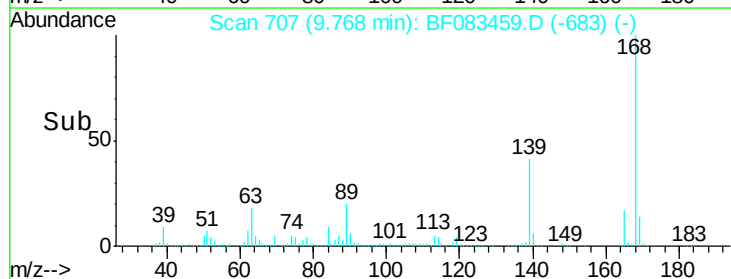
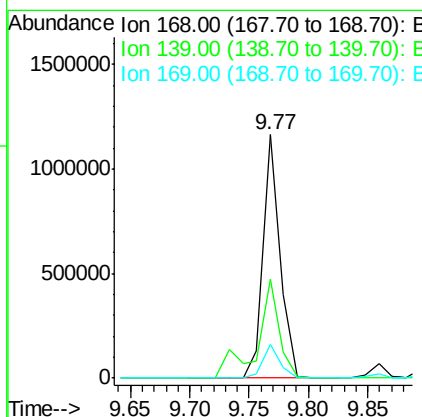
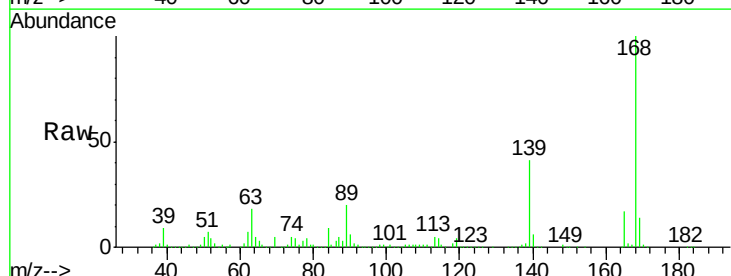
Instrument :
BNA_F
ClientSampleId :

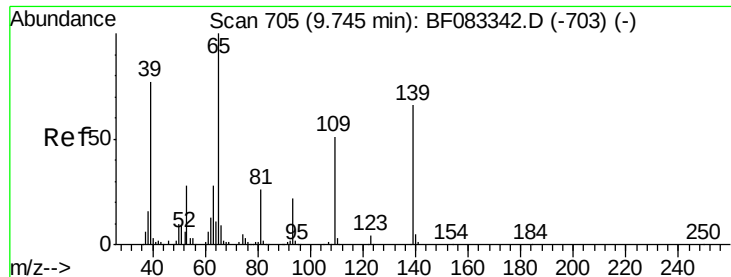
Tot Ion:184 Resp: 122956
Ion Ratio Lower Upper
184 100
63 54.9 69.0 103.6#
154 54.1 50.0 75.0



#54
Dibenzofuran
Concen: 34.48 ng
RT: 9.77 min Scan# 707
Delta R.T. -0.02 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion:168 Resp: 1174920
Ion Ratio Lower Upper
168 100
139 40.7 32.7 49.1
169 13.9 11.1 16.7

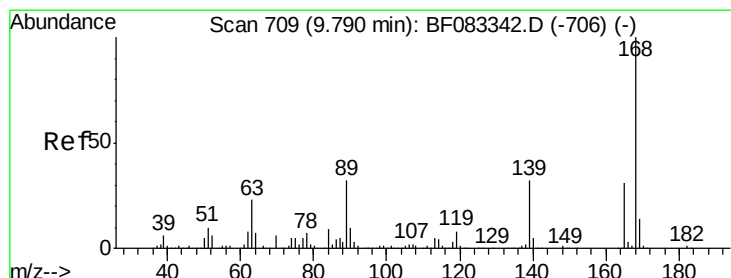
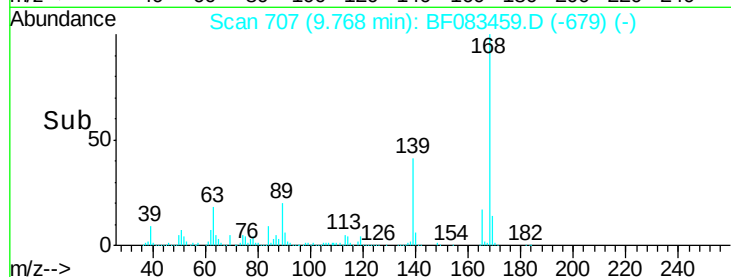
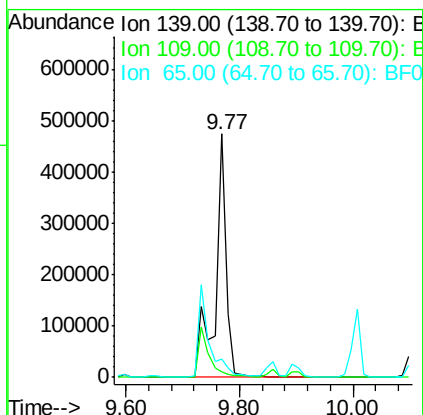
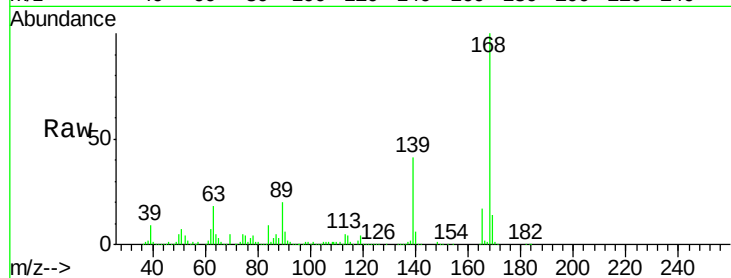




#55
4-Nitrophenol
Concen: 134.27 ng
RT: 9.77 min Scan# 707
Delta R.T. 0.02 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

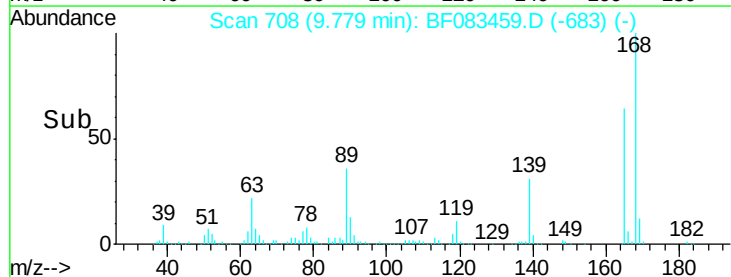
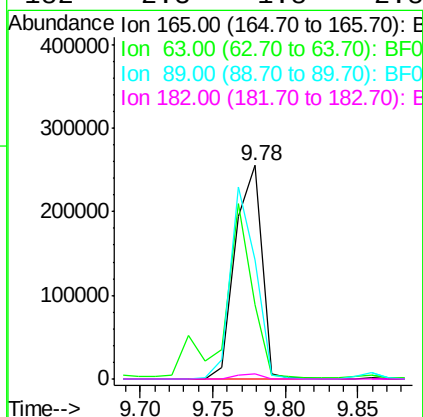
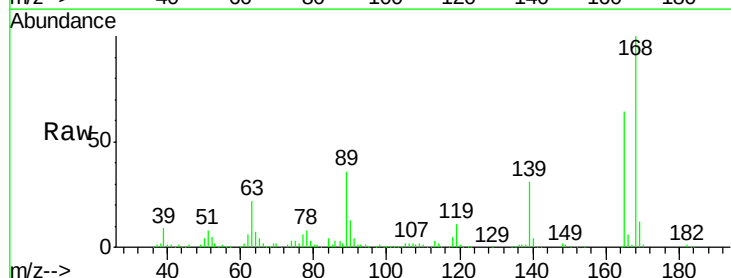
Instrument :
BNA_F
ClientSampleId :

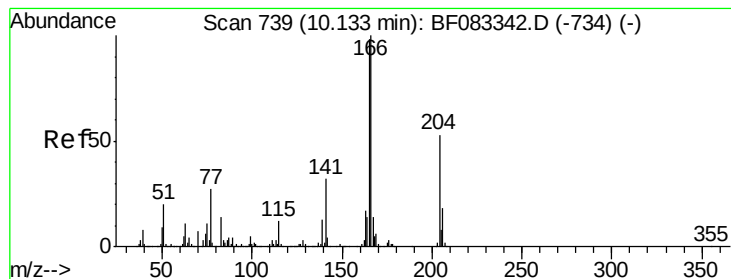
Tot Ion:139 Resp: 633517
Ion Ratio Lower Upper
139 100
109 2.5 57.4 97.4#
65 7.7 131.6 171.6#



#56
2,4-Dinitrotoluene
Concen: 39.68 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion:165 Resp: 324007
Ion Ratio Lower Upper
165 100
63 34.6 65.4 98.0#
89 55.7 81.2 121.8#
182 2.3 1.8 2.8





#57

Fluorene

Concen: 36.46 ng

RT: 10.11 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :

BNA_F

ClientSampleId :

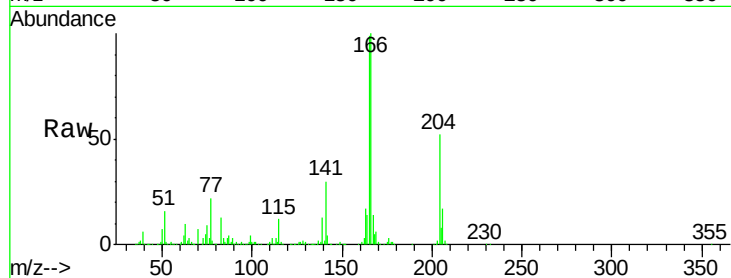
Tot Ion:166 Resp: 981031

Ion Ratio Lower Upper

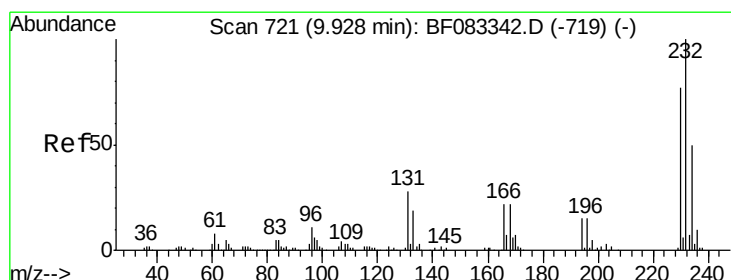
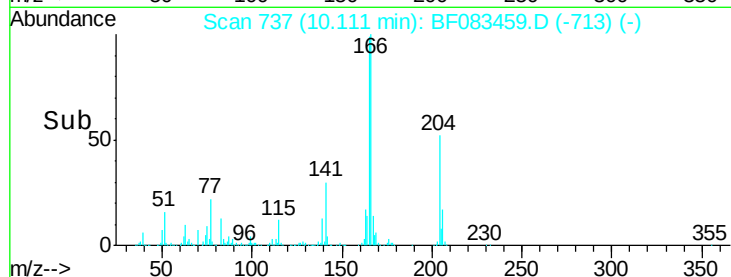
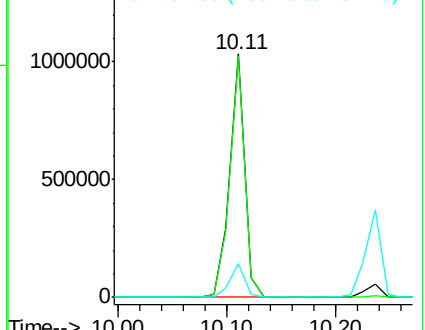
166 100

165 99.3 78.3 117.5

167 13.8 11.1 16.7



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.26 ng

RT: 9.90 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Tgt Ion:232 Resp: 270613

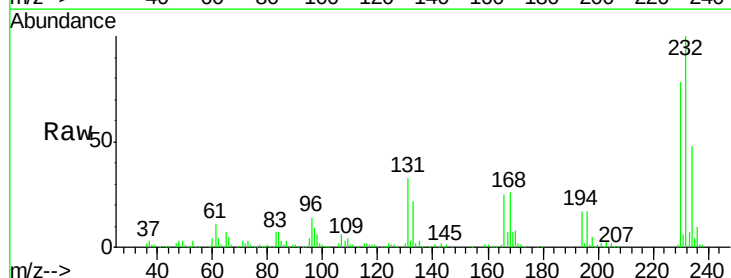
Ion Ratio Lower Upper

232 100

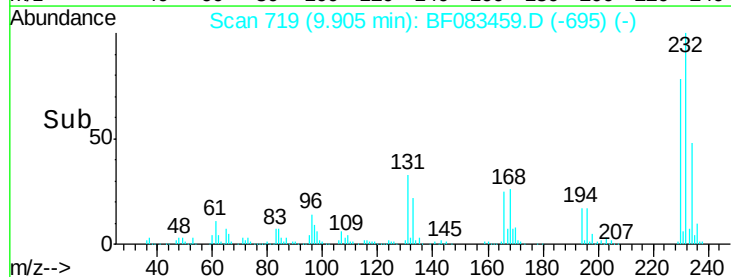
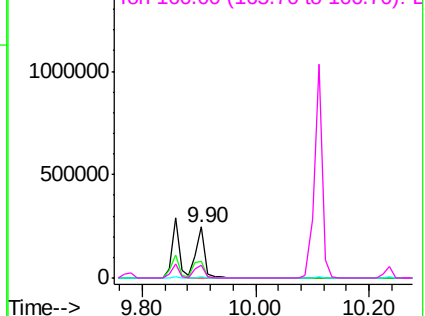
131 43.3 35.4 53.2

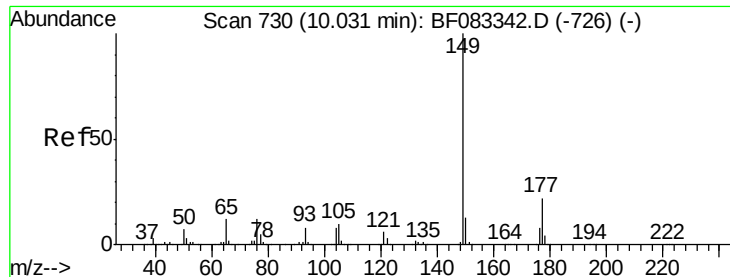
130 1.9 1.7 2.5

166 28.8 23.3 34.9



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

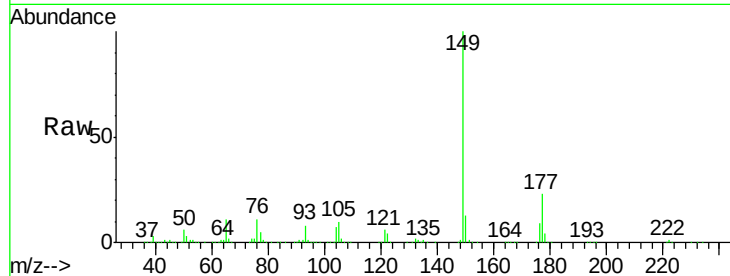




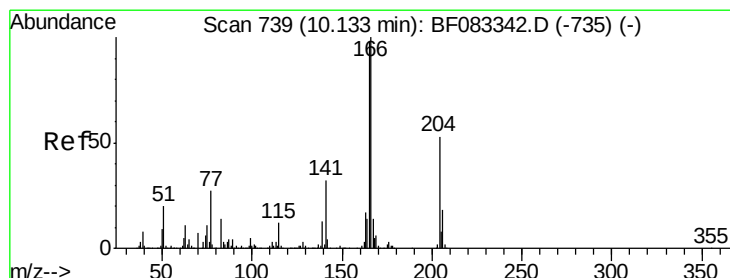
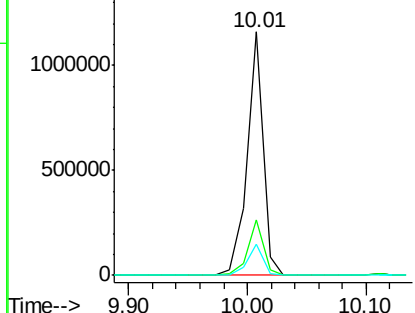
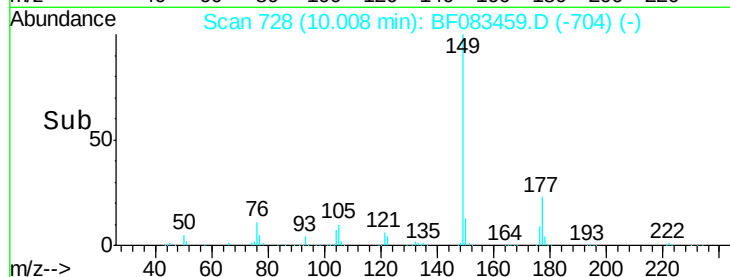
#59
Diethylphthalate
Concen: 38.19 ng
RT: 10.01 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1097023
Ion Ratio Lower Upper
149 100
177 22.7 17.4 26.2
150 13.0 10.4 15.6

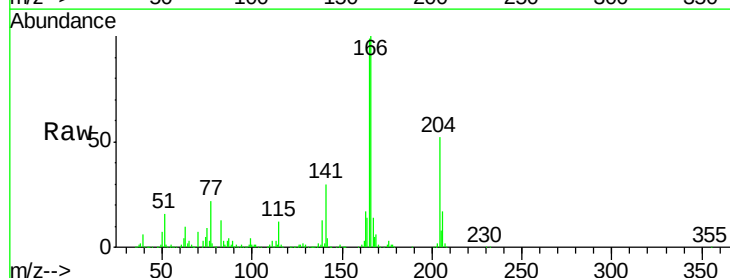


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

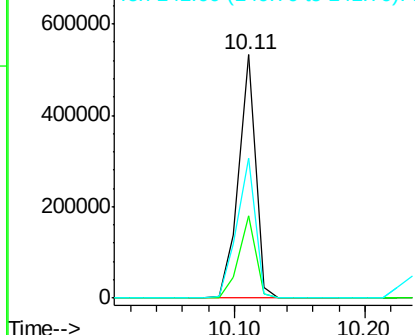
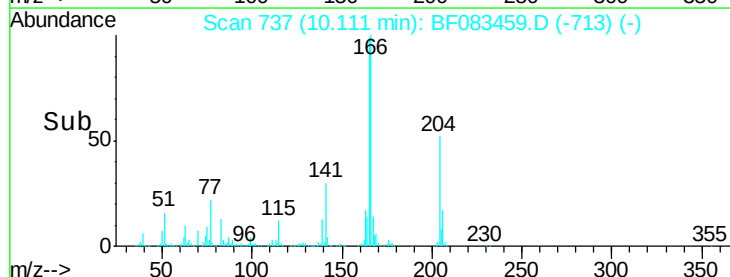


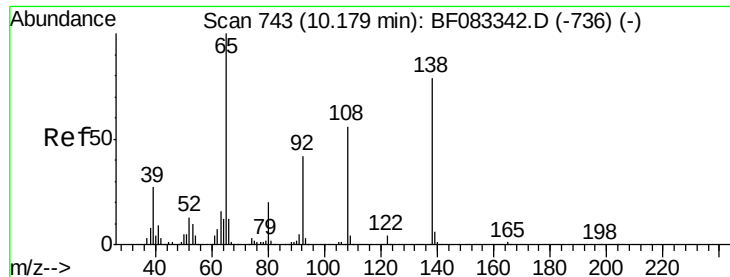
#60
4-Chlorophenyl-phenylether
Concen: 38.82 ng
RT: 10.11 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion:204 Resp: 479924
Ion Ratio Lower Upper
204 100
206 33.9 27.5 41.3
141 57.6 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: 37.33 ng

RT: 10.16 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :

BNA_F

ClientSampleId :

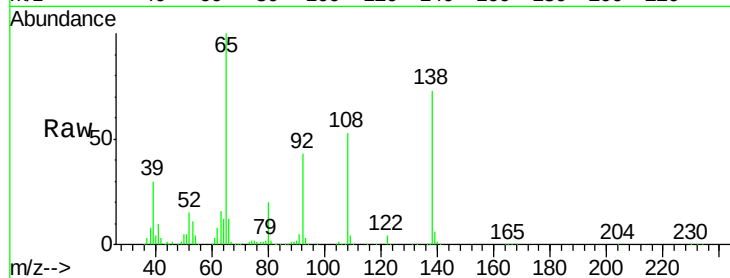
Tot Ion:138 Resp: 281759

Ion Ratio Lower Upper

138 100

92 58.8 33.6 73.6

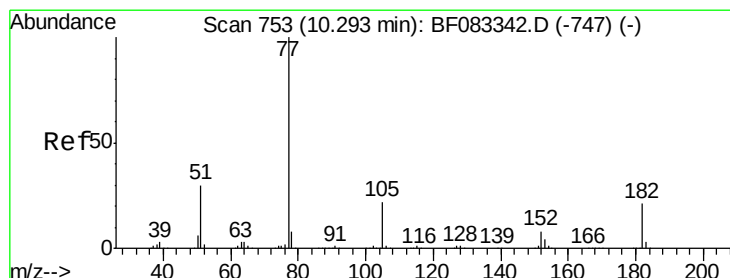
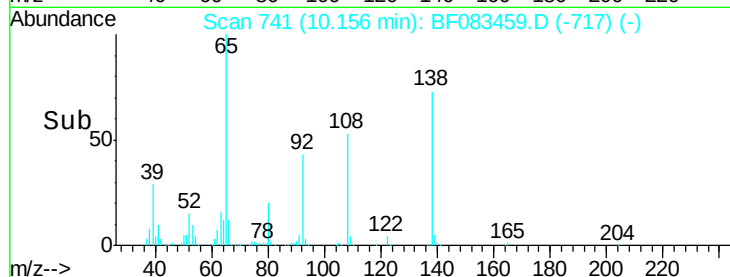
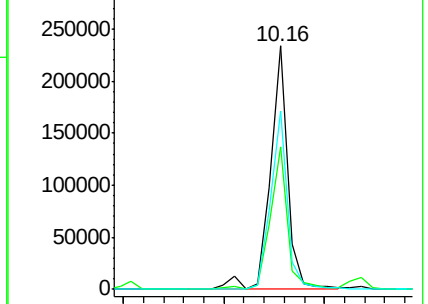
108 73.3 51.0 91.0



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: 40.18 ng

RT: 10.27 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Tgt Ion: 77 Resp: 1394222

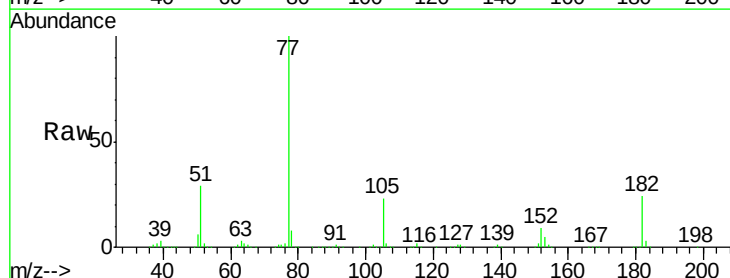
Ion Ratio Lower Upper

77 100

182 23.8 0.8 40.8

105 23.3 2.3 42.3

51 28.9 10.6 50.6

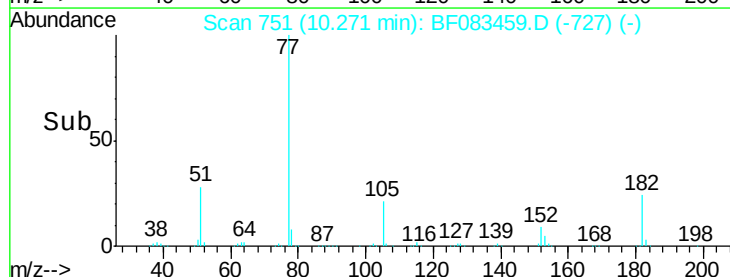
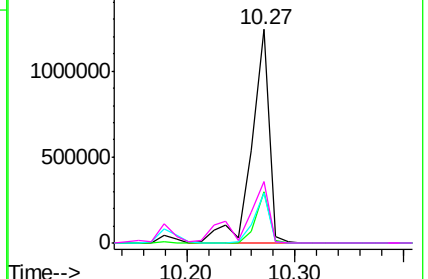


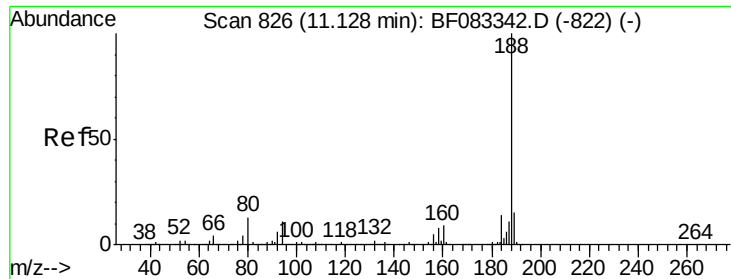
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

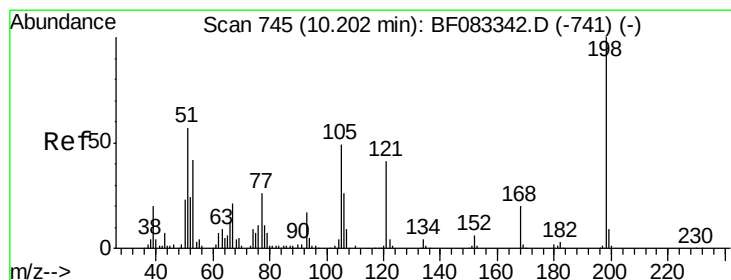
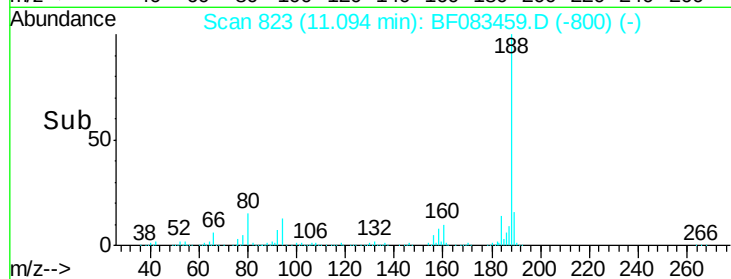
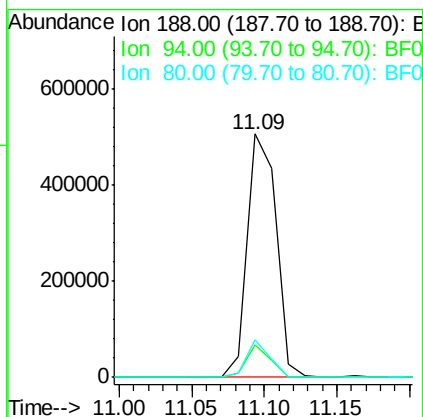
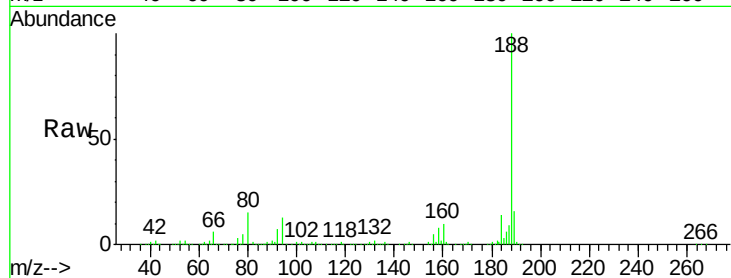




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

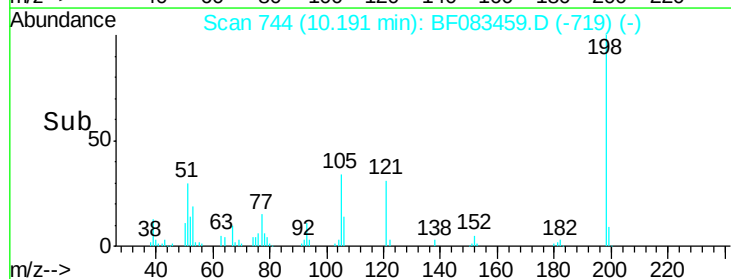
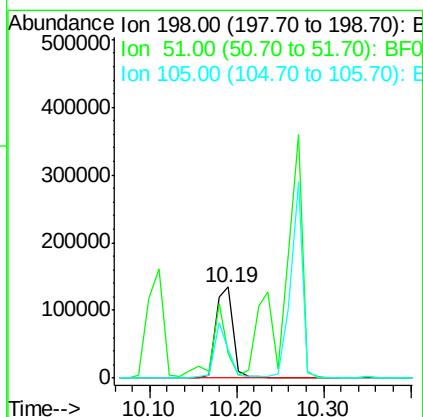
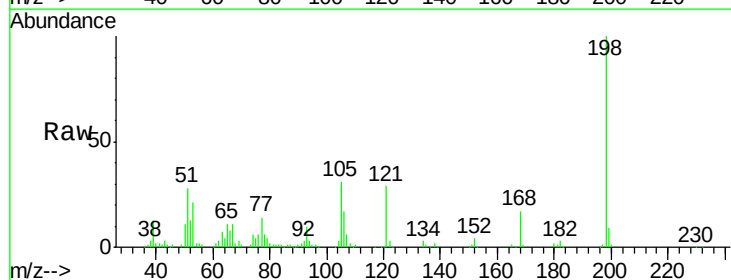
Instrument :
BNA_F
ClientSampleId :

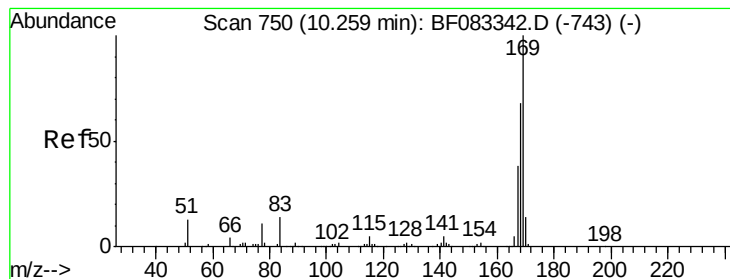
Tot Ion:188 Resp: 697986
Ion Ratio Lower Upper
188 100
94 13.4 8.7 13.1#
80 15.5 10.3 15.5



#64
4,6-Dinitro-2-methylphenol
Concen: 41.08 ng
RT: 10.19 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion:198 Resp: 192518
Ion Ratio Lower Upper
198 100
51 27.7 38.3 78.3#
105 30.9 29.2 69.2





#65

n-Nitrosodiphenylamine

Concen: 39.87 ng

RT: 10.24 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :

BNA_F

ClientSampleId :

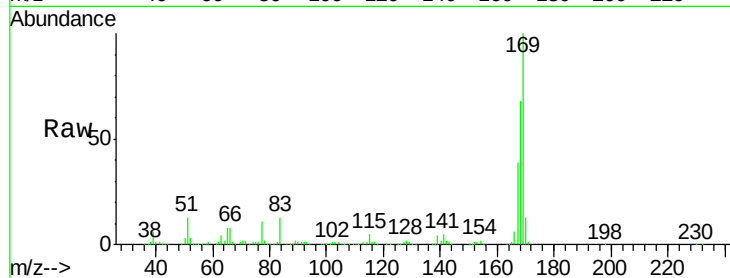
Tot Ion:169 Resp: 977930

Ion Ratio Lower Upper

169 100

168 68.4 54.8 82.2

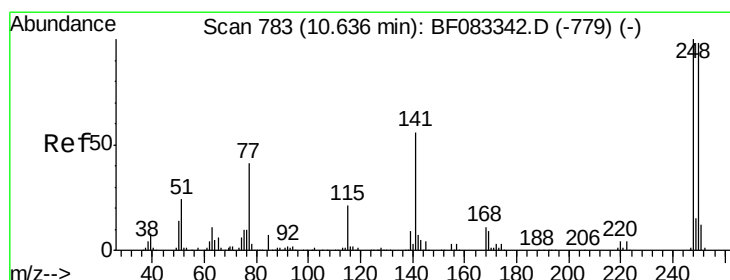
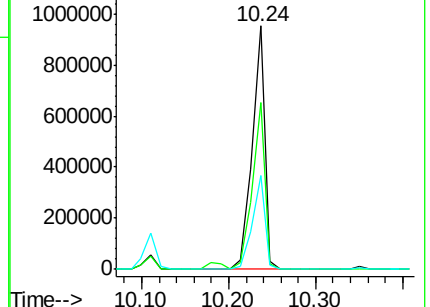
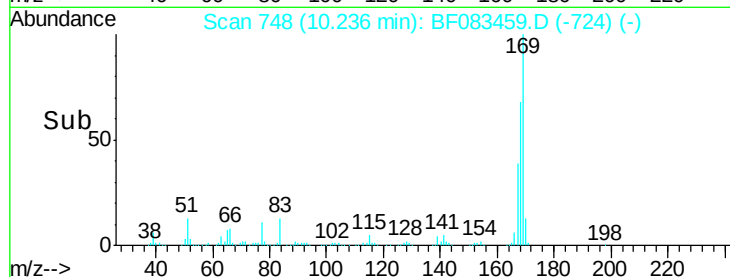
167 38.8 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.48 ng

RT: 10.60 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

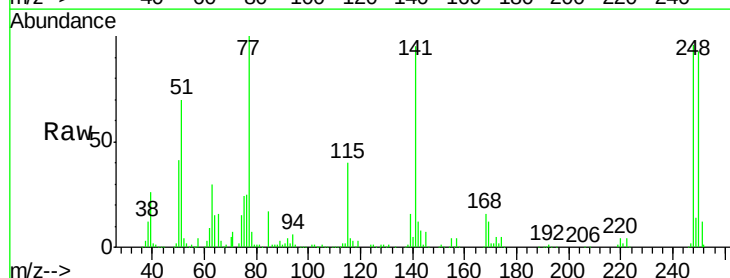
Tgt Ion:248 Resp: 286150

Ion Ratio Lower Upper

248 100

250 96.7 78.6 118.0

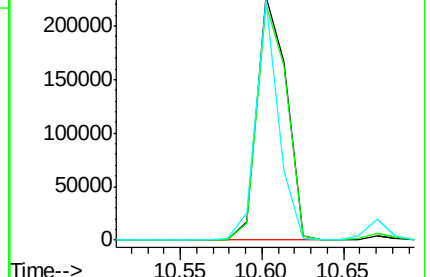
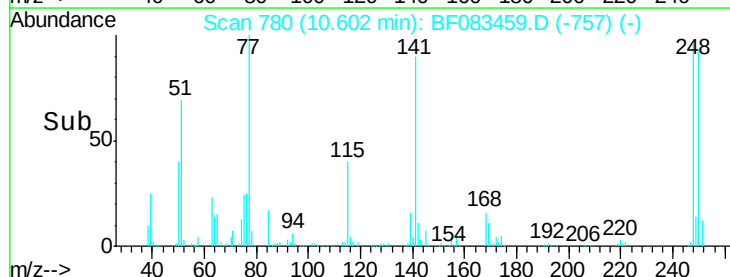
141 98.3 44.4 66.6#

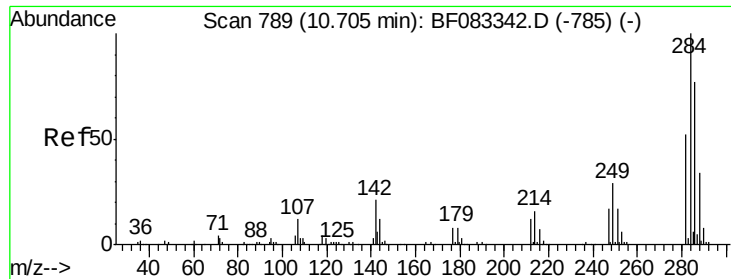


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.07 ng

RT: 10.67 min Scan# 786

Delta R.T. -0.03 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :

BNA_F

ClientSampleId :

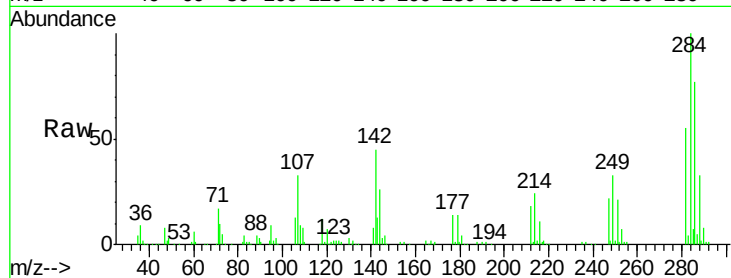
Tot Ion:284 Resp: 312999

Ion Ratio Lower Upper

284 100

142 44.7 16.6 24.8#

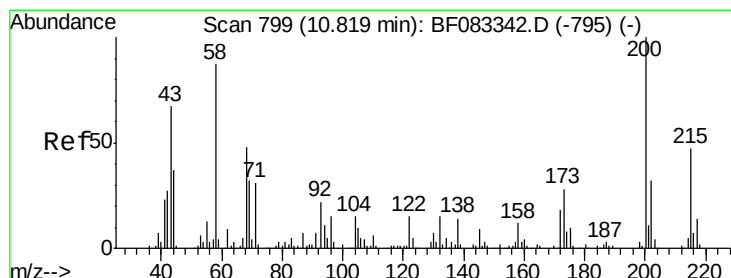
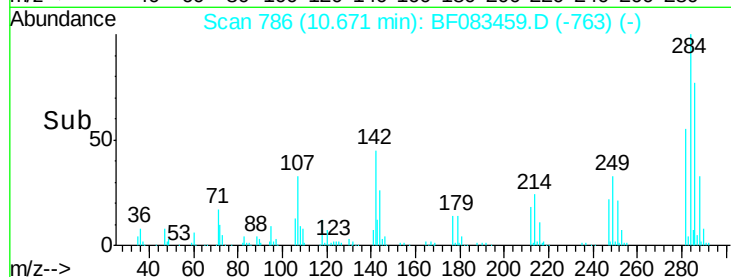
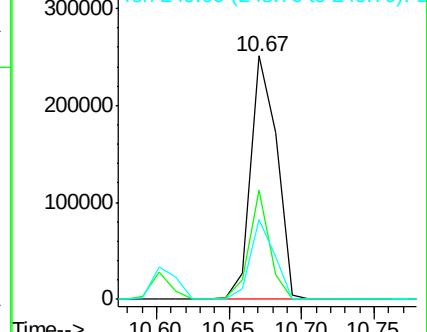
249 32.8 23.0 34.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.26 ng

RT: 10.80 min Scan# 797

Delta R.T. -0.02 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

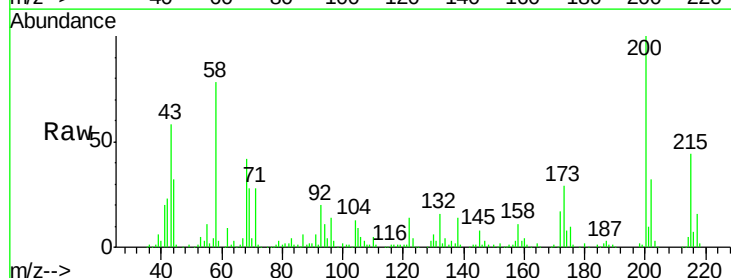
Tgt Ion:200 Resp: 245997

Ion Ratio Lower Upper

200 100

173 28.6 8.3 48.3

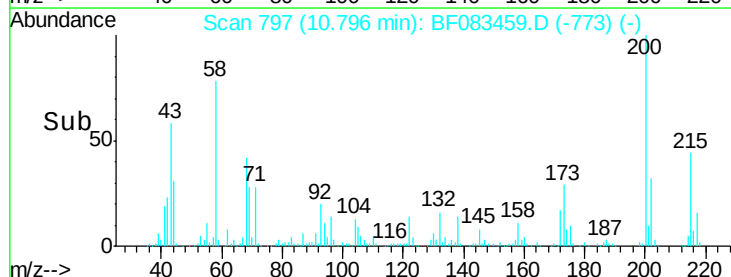
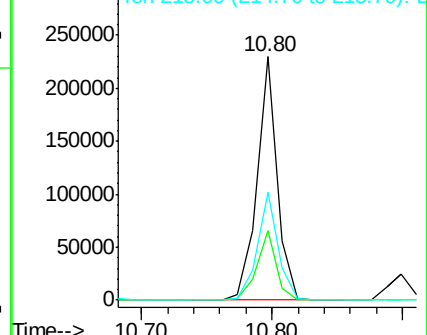
215 44.3 26.7 66.7

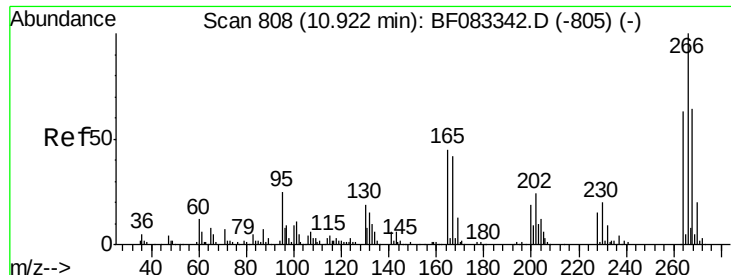


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

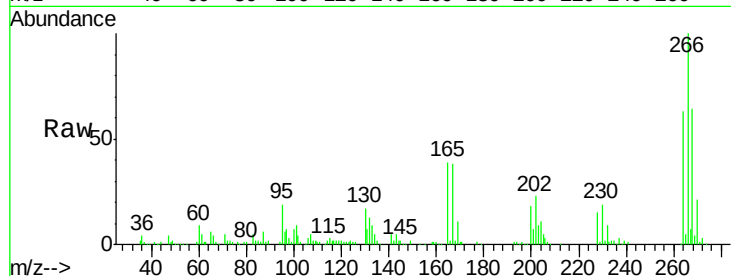




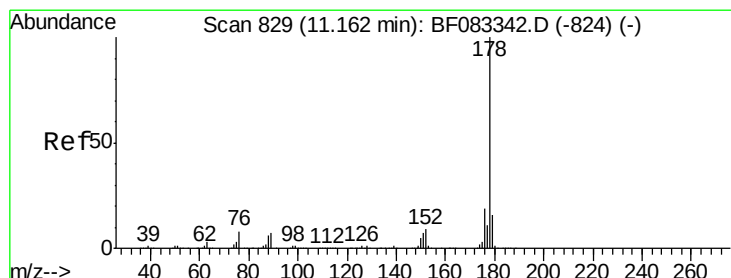
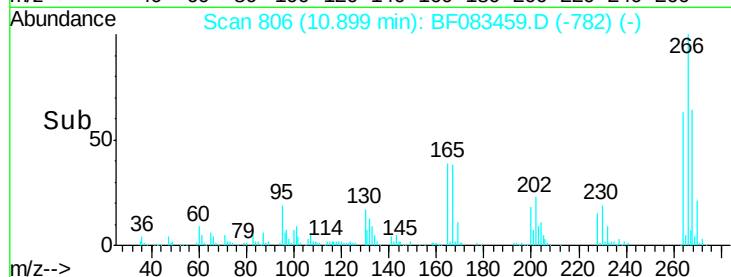
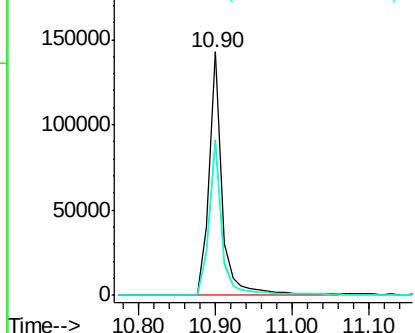
#69
 Pentachlorophenol
 Concen: 38.29 ng
 RT: 10.90 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF083459.D
 Acq: 3 Dec 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 169343
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.5 77.3
 264 62.6 50.4 75.6

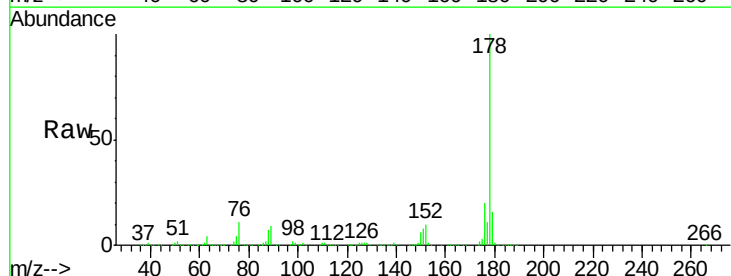


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

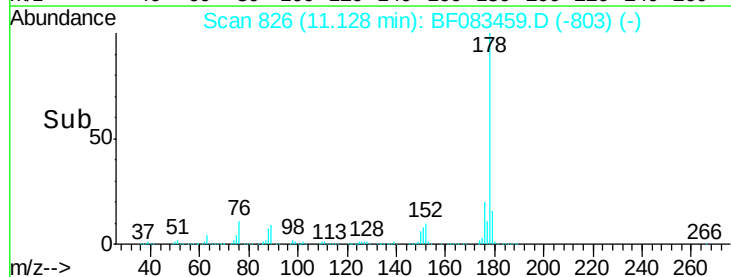
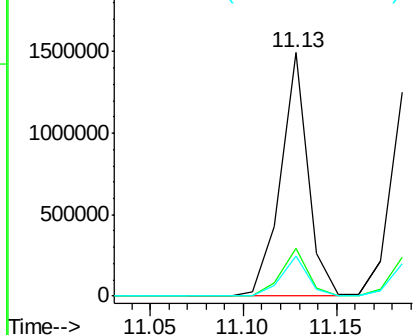


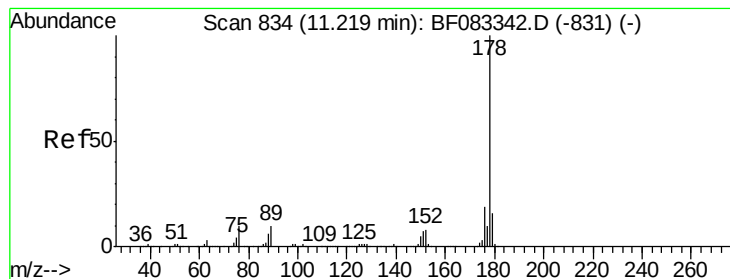
#70
 Phenanthrene
 Concen: 36.79 ng
 RT: 11.13 min Scan# 826
 Delta R.T. -0.03 min
 Lab File: BF083459.D
 Acq: 3 Dec 2015 14:26

Tgt Ion:178 Resp: 1519725
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.3 22.9
 179 16.3 12.4 18.6



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





#71

Anthracene

Concen: 36.71 ng

RT: 11.19 min Scan# 831

Delta R.T. -0.03 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :

BNA_F

ClientSampleId :

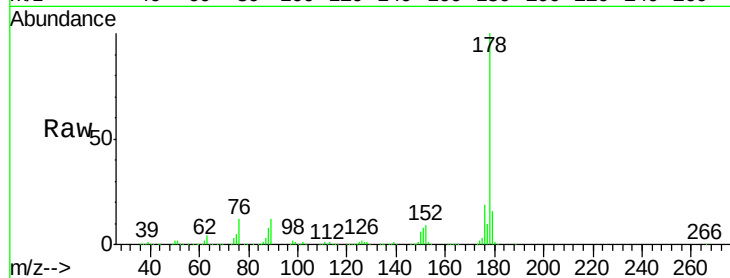
Tot Ion:178 Resp: 1526389

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

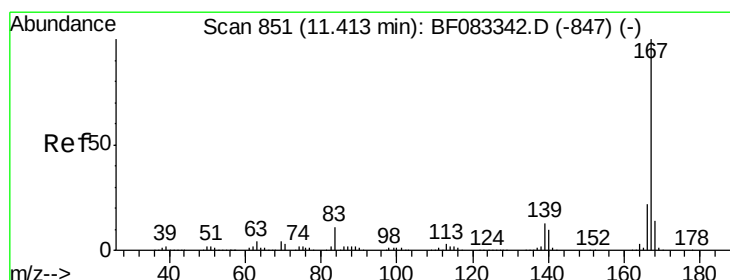
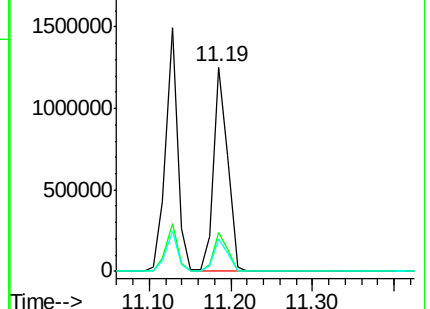
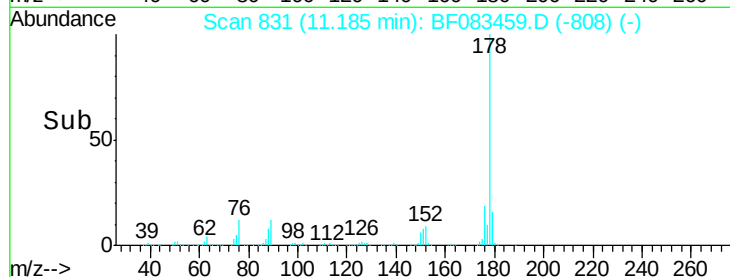
179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.14 ng

RT: 11.38 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

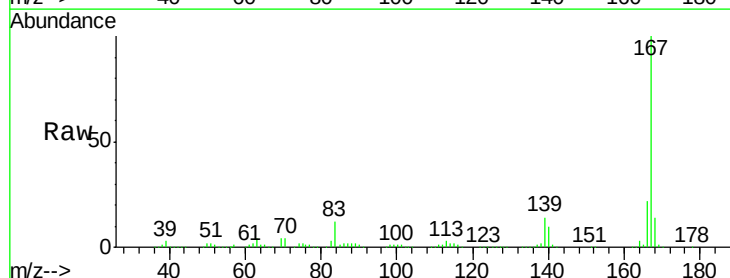
Tgt Ion:167 Resp: 1425028

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

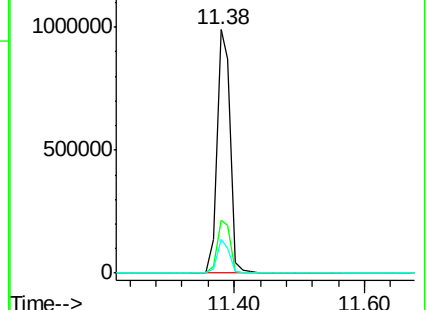
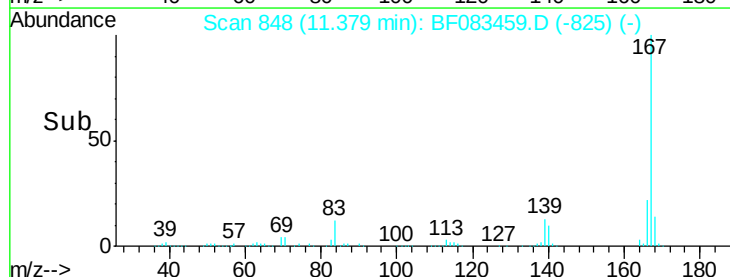
139 13.6 10.5 15.7

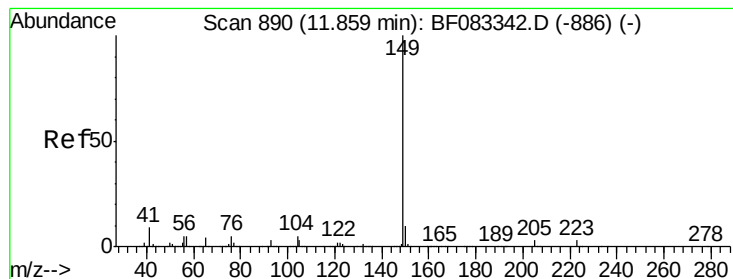


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.28 ng

RT: 11.83 min Scan# 887

Delta R.T. -0.03 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Instrument :

BNA_F

ClientSampleId :

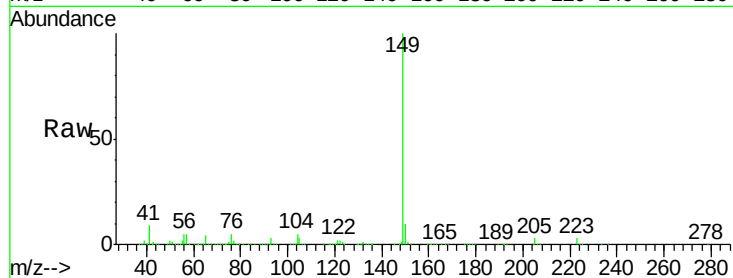
Tot Ion:149 Resp: 1783656

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

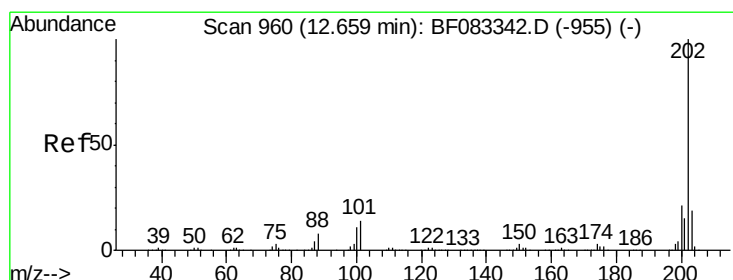
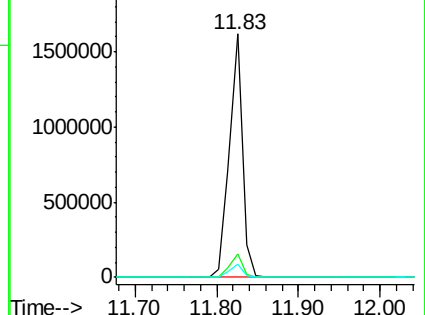
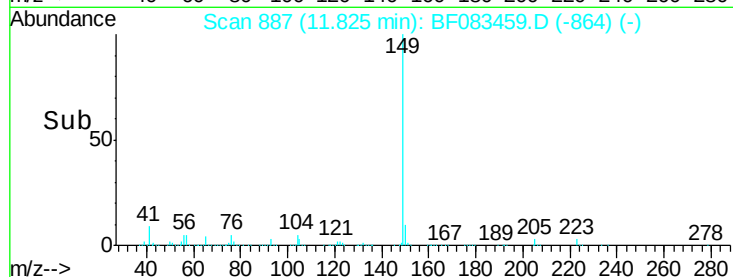
104 5.2 4.0 6.0



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: 37.19 ng

RT: 12.63 min Scan# 957

Delta R.T. -0.03 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

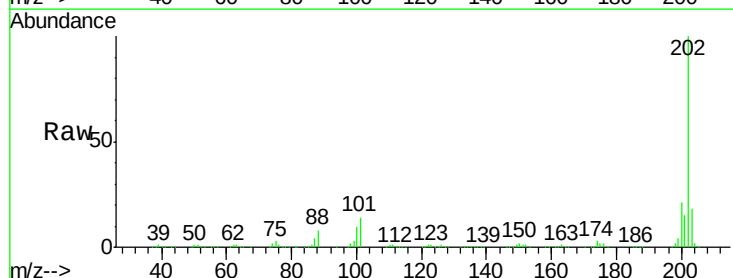
Tgt Ion:202 Resp: 1592323

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.5

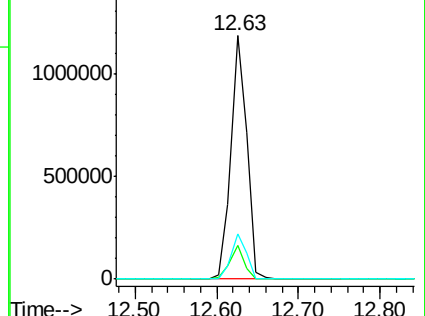
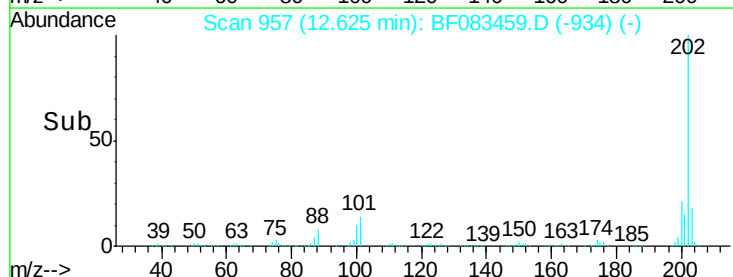
203 18.4 0.0 38.7

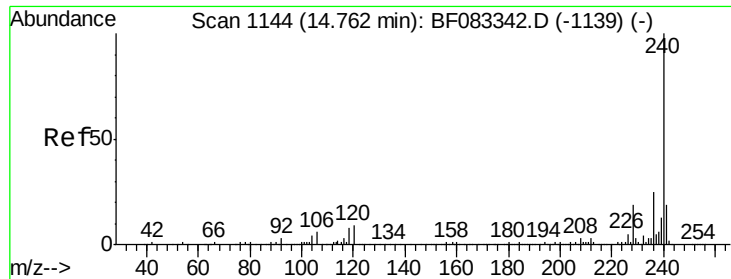


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

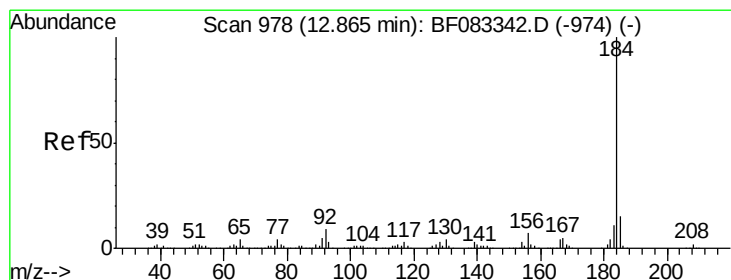
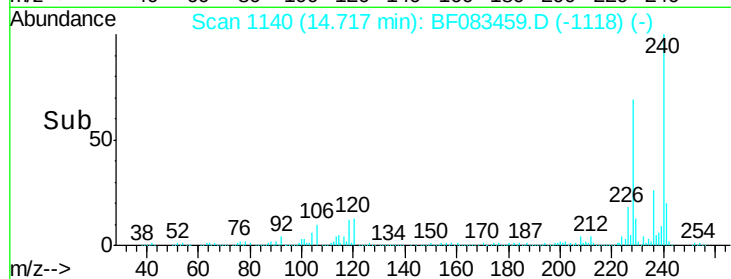
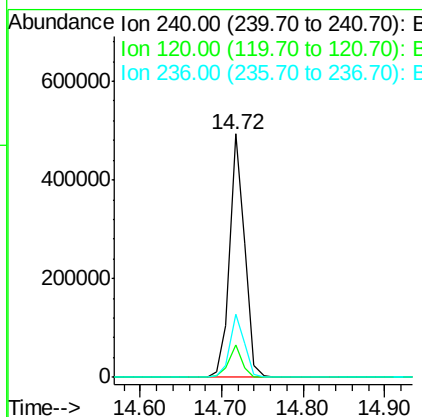
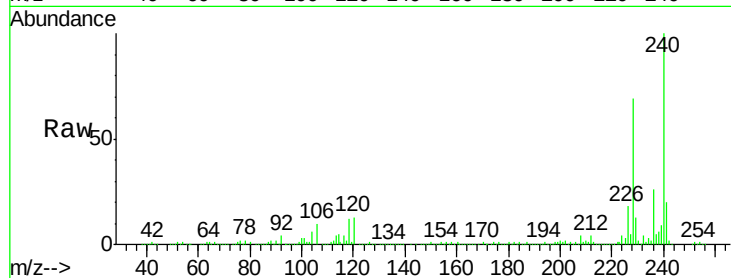




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.72 min Scan# 1140
Delta R.T. -0.05 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

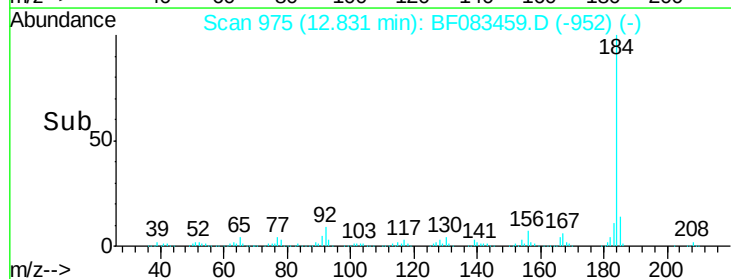
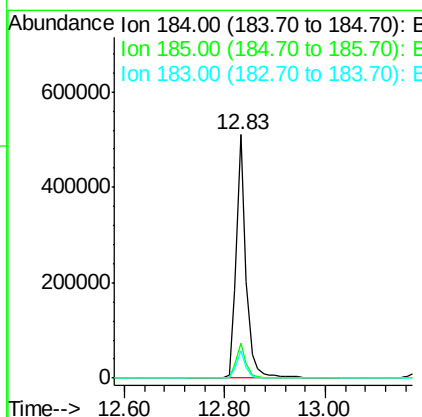
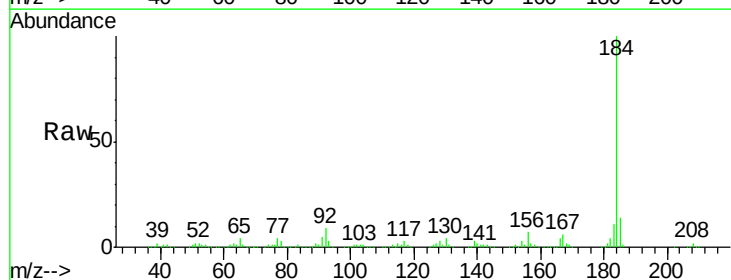
Instrument :
BNA_F
ClientSampleId :

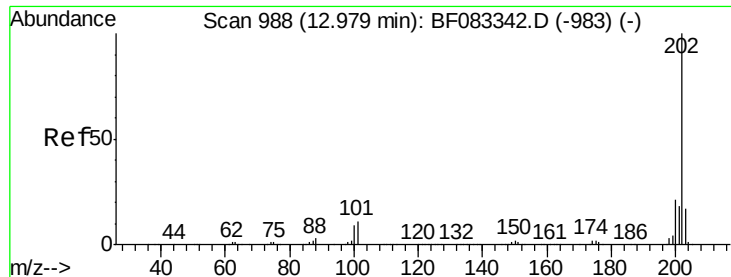
Tot Ion:240 Resp: 625800
Ion Ratio Lower Upper
240 100
120 13.2 6.9 10.3#
236 25.7 19.8 29.6



#76
Benzidine
Concen: 37.53 ng
RT: 12.83 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion:184 Resp: 699492
Ion Ratio Lower Upper
184 100
185 14.4 12.4 18.6
183 11.0 9.0 13.4

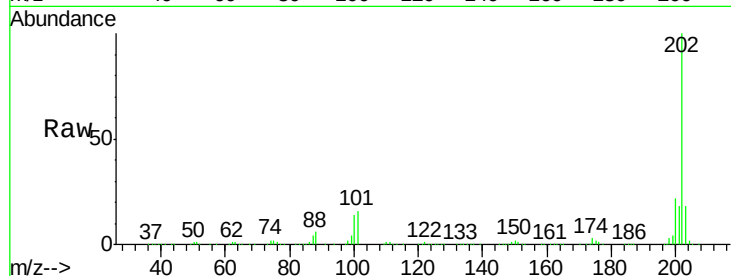




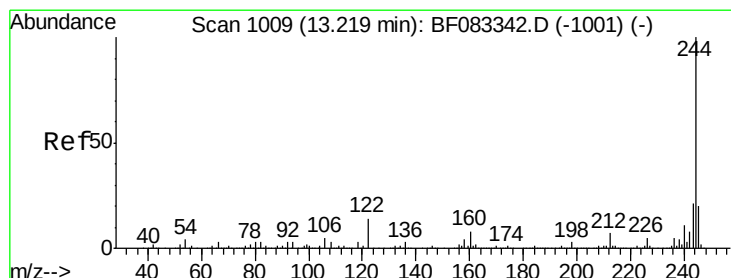
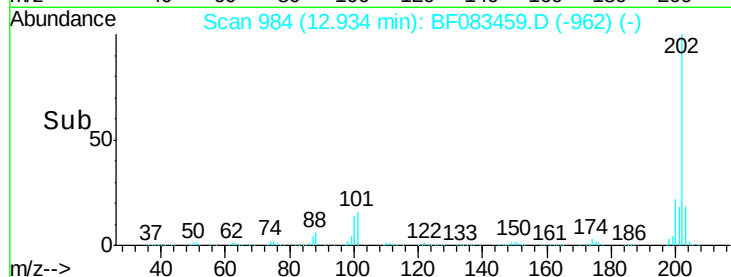
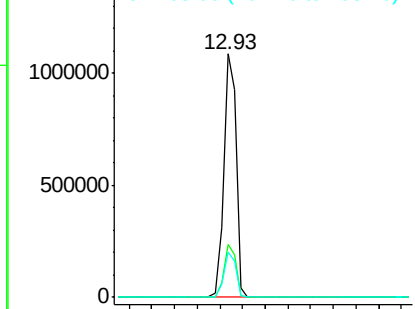
#77
Pvrene
Concen: 37.72 ng
RT: 12.93 min Scan# 984
Delta R.T. -0.05 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1648519
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 18.4 13.9 20.9

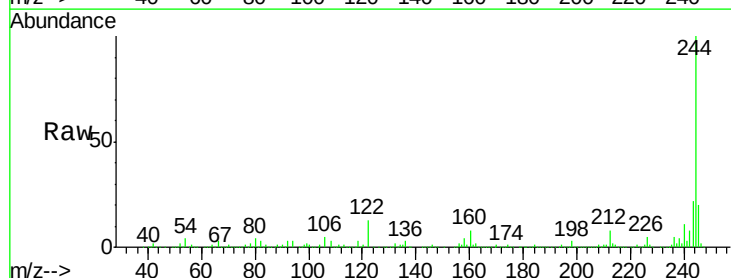


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

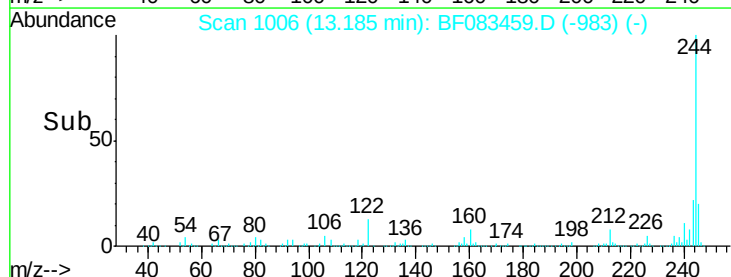
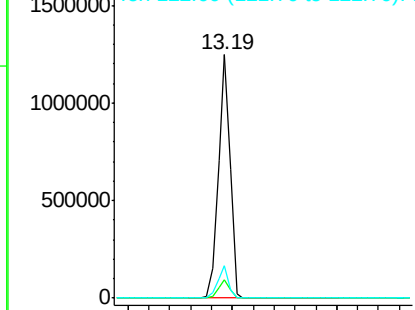


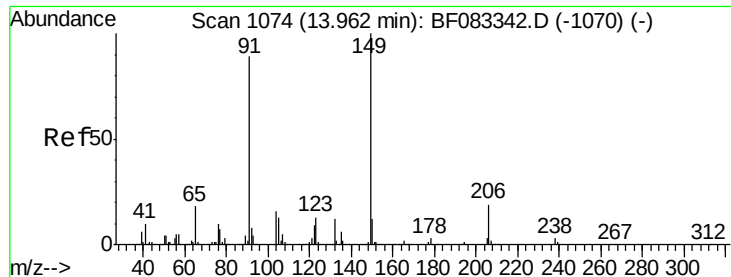
#78
Terphenyl-d14
Concen: 73.28 ng
RT: 13.19 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion:244 Resp: 1922970
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 13.5 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

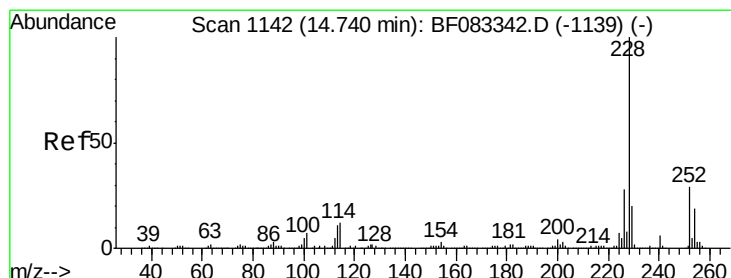
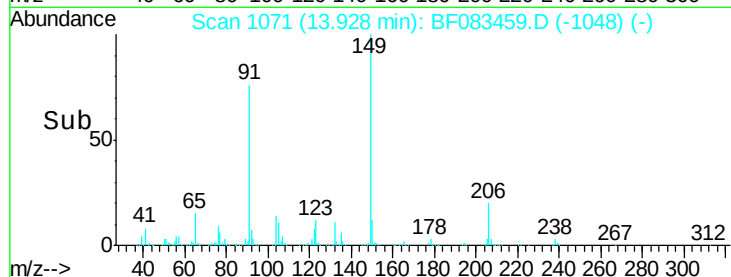
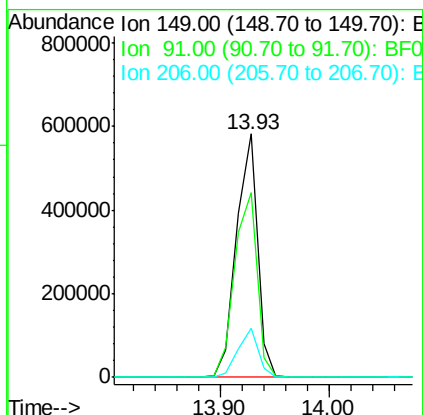
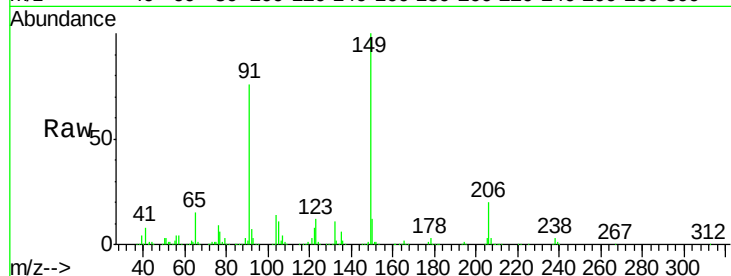




#79
Butylbenzylphthalate
Concen: 41.86 ng
RT: 13.93 min Scan# 1071
Delta R.T. -0.03 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

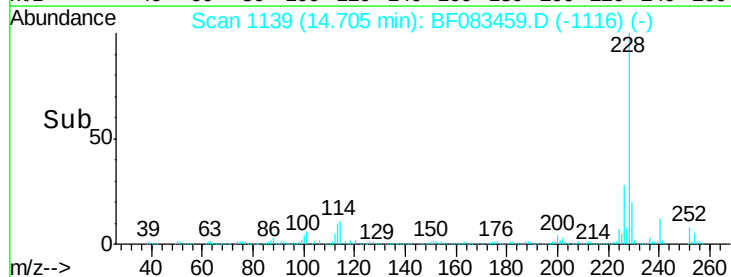
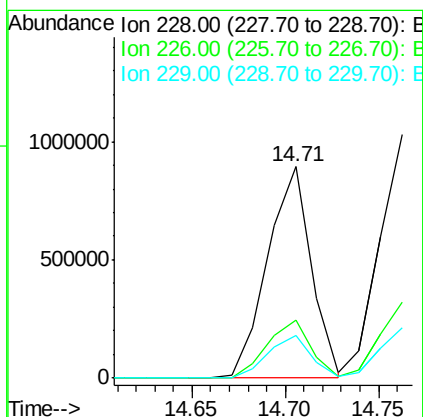
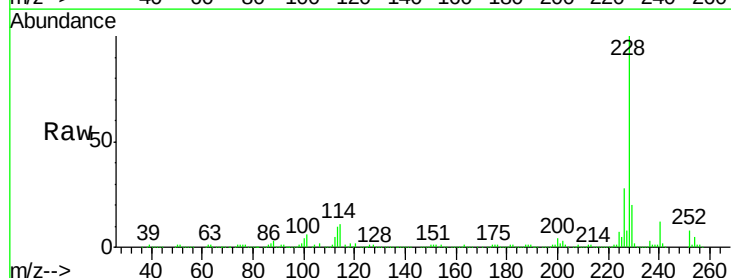
Instrument :
BNA_F
ClientSampleId :

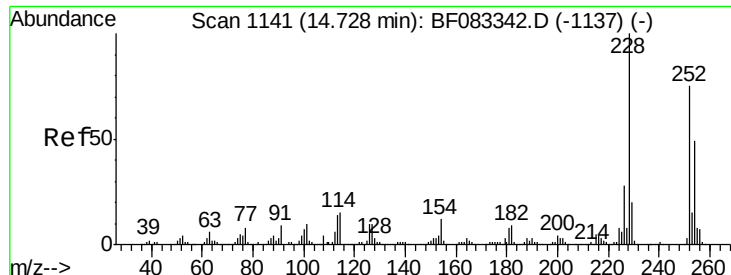
Tot Ion:149 Resp: 776120
Ion Ratio Lower Upper
149 100
91 75.8 71.4 107.2
206 20.1 15.1 22.7



#80
Benzo(a)anthracene
Concen: 37.99 ng
RT: 14.71 min Scan# 1139
Delta R.T. -0.03 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion:228 Resp: 1456543
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.3 16.1 24.1

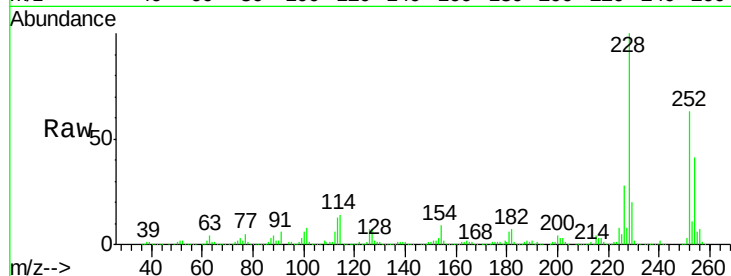




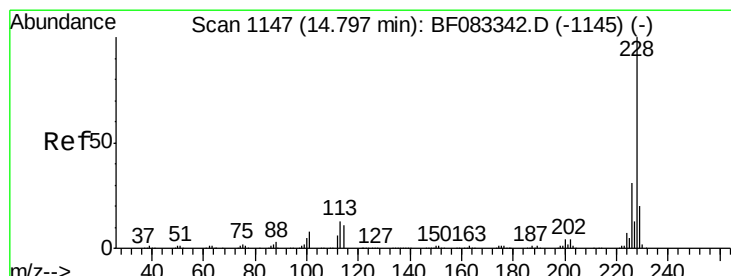
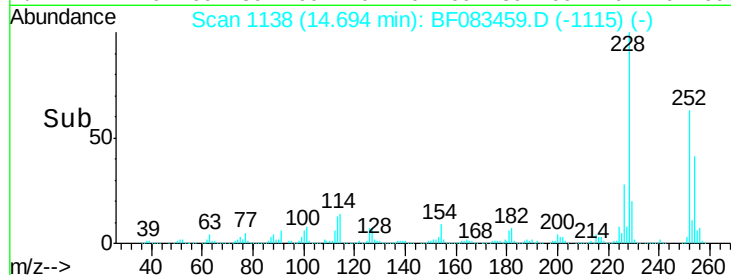
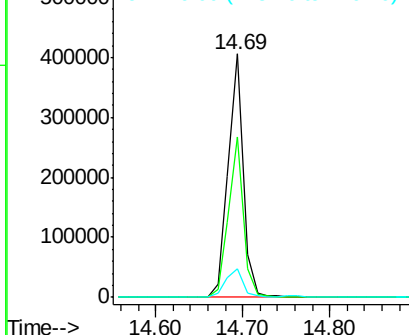
#81
 3,3'-Dichlorobenzidine
 Concen: 41.07 ng
 RT: 14.69 min Scan# 1138
 Delta R.T. -0.03 min
 Lab File: BF083459.D
 Acq: 3 Dec 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 491848
 Ion Ratio Lower Upper
 252 100
 254 65.7 52.0 78.0
 126 11.6 10.7 16.1

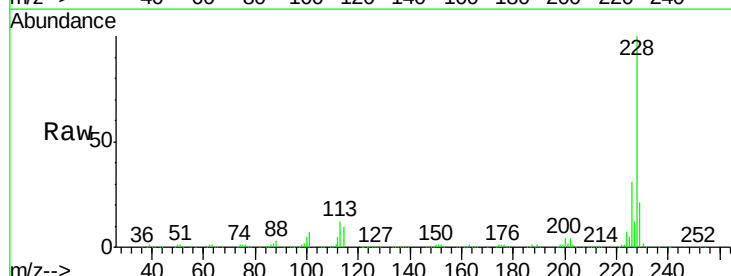


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

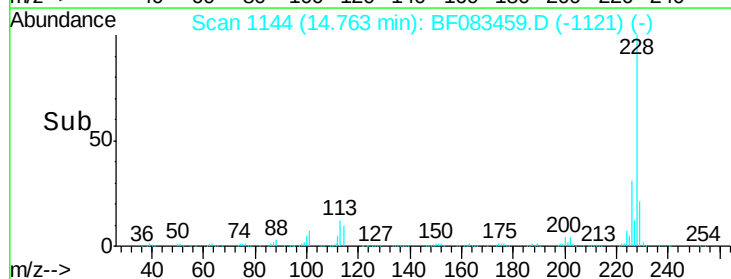
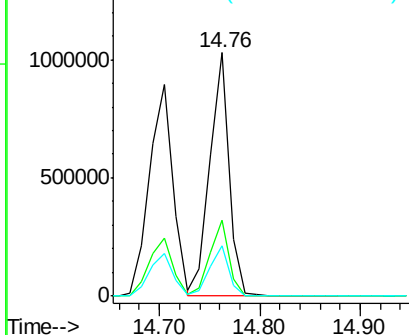


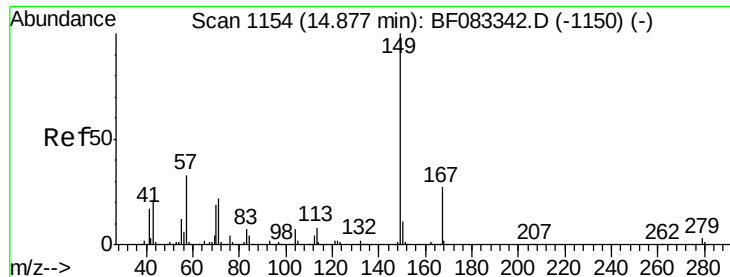
#82
 Chrysene
 Concen: 37.22 ng
 RT: 14.76 min Scan# 1144
 Delta R.T. -0.03 min
 Lab File: BF083459.D
 Acq: 3 Dec 2015 14:26

Tgt Ion:228 Resp: 1378777
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.6 37.0
 229 20.5 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.75 ng

RT: 14.83 min Scan# 1150

Delta R.T. -0.05 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

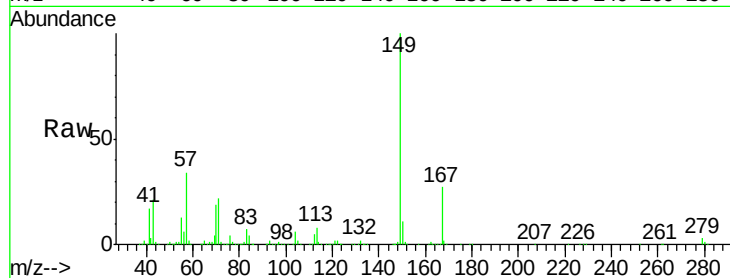
Instrument :

BNA_F

ClientSampled :

Tot Ion:149 Resp: 1088070

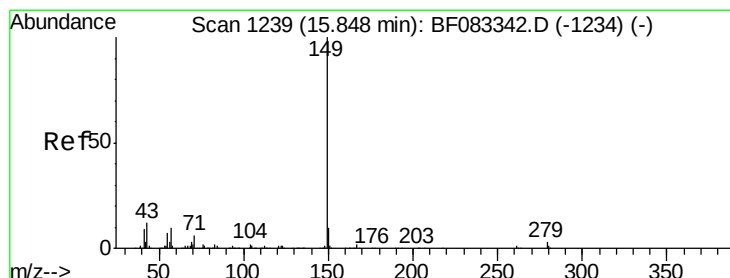
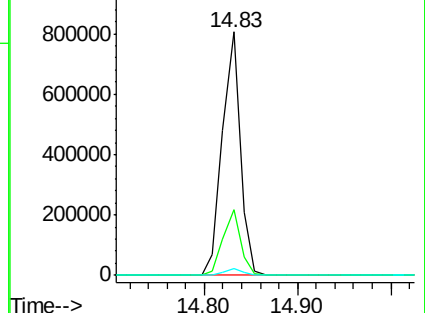
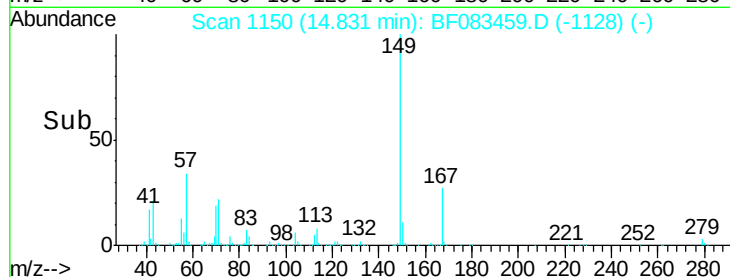
Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.5	32.3
279	3.0	2.6	3.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.40 ng

RT: 15.80 min Scan# 1235

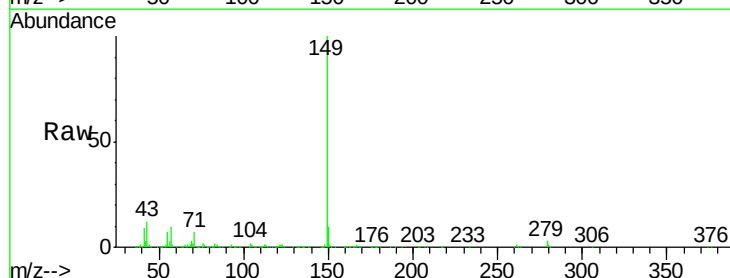
Delta R.T. -0.05 min

Lab File: BF083459.D

Acq: 3 Dec 2015 14:26

Tgt Ion:149 Resp: 1829352

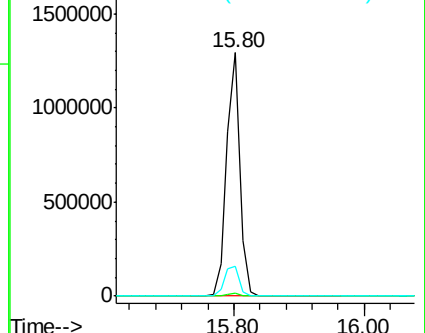
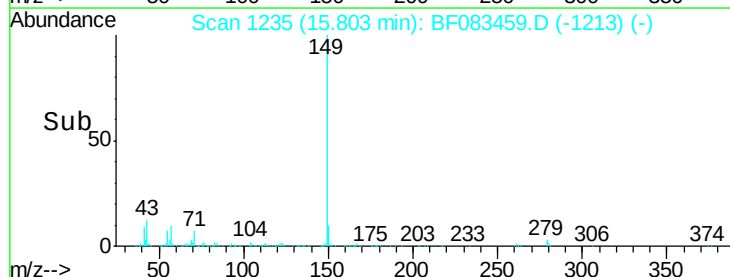
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	13.8	11.0	16.6

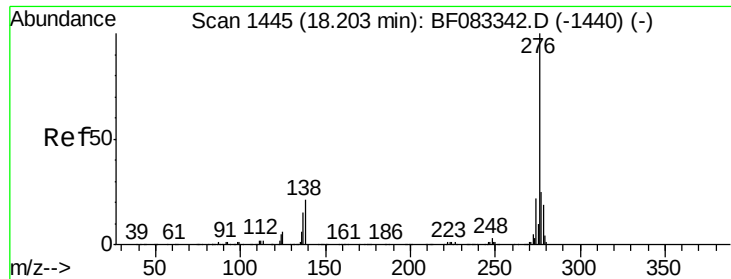


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



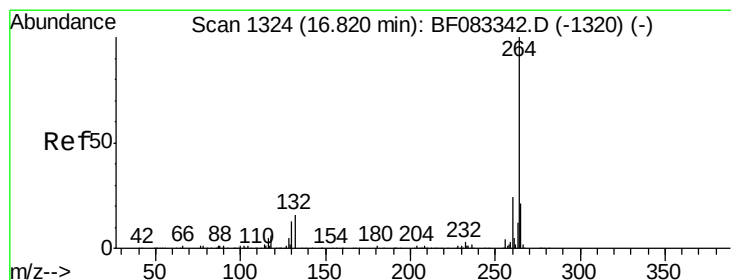
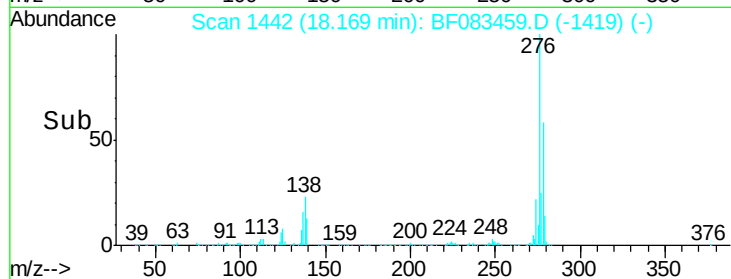
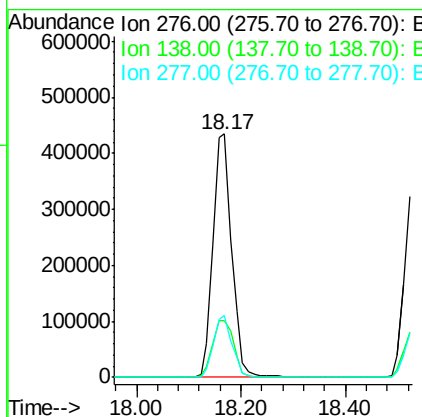
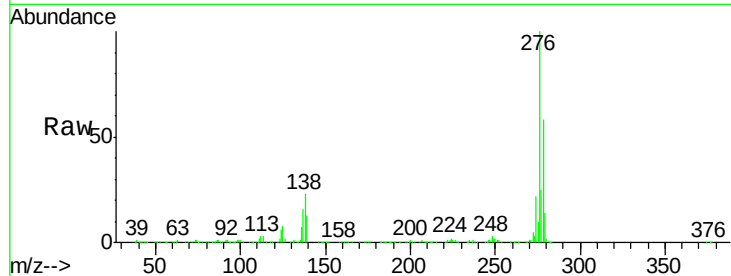


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.43 ng
 RT: 18.17 min Scan# 1442
 Delta R.T. -0.03 min
 Lab File: BF083459.D
 Acq: 3 Dec 2015 14:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 1090776

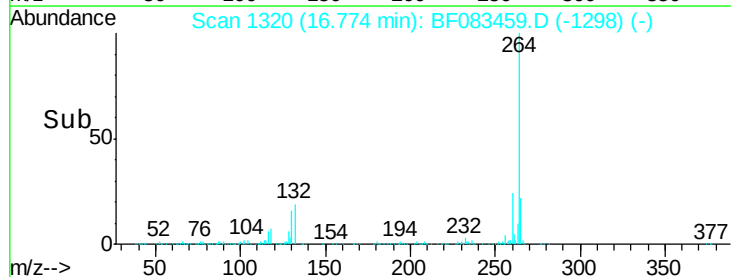
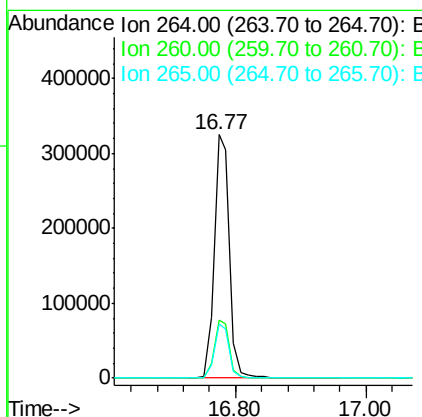
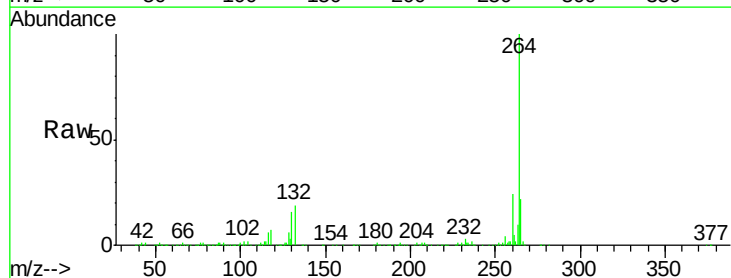
Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.2	31.8
277	25.2	20.0	30.0

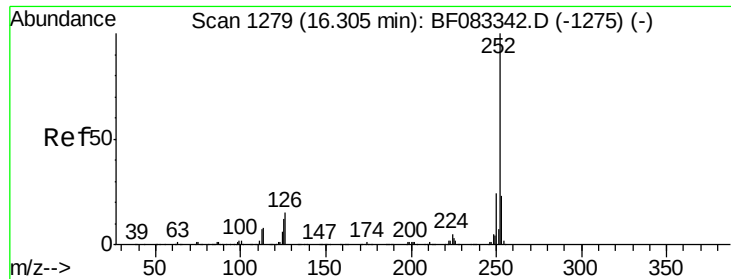


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083459.D
 Acq: 3 Dec 2015 14:26

Tgt Ion:264 Resp: 535672

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	22.4	16.8	25.2

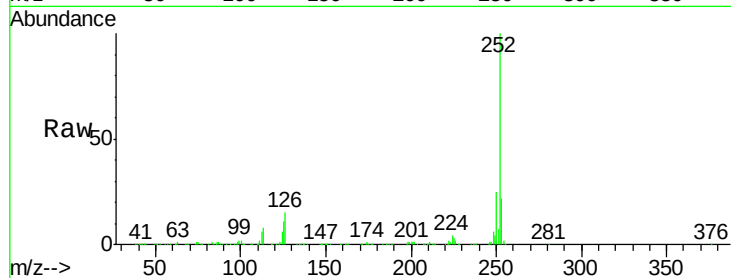




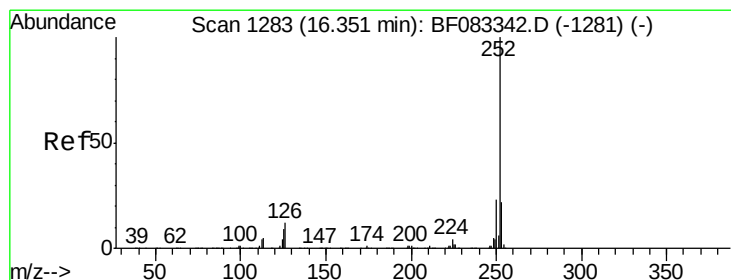
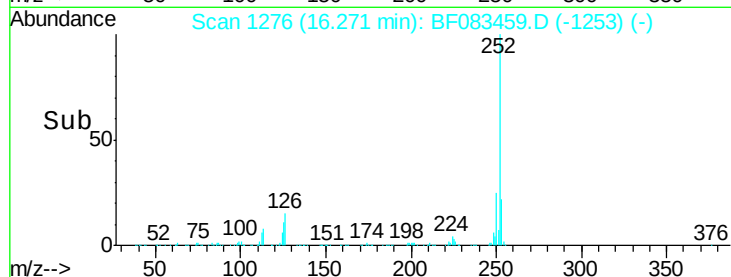
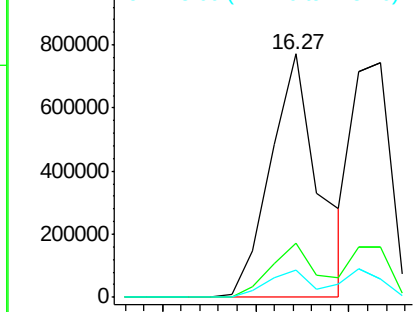
#87
Benzo(b)fluoranthene
Concen: 40.35 ng
RT: 16.27 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1386868
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 11.0 9.6 14.4

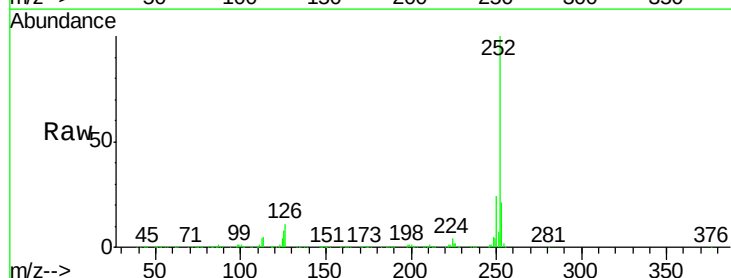


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

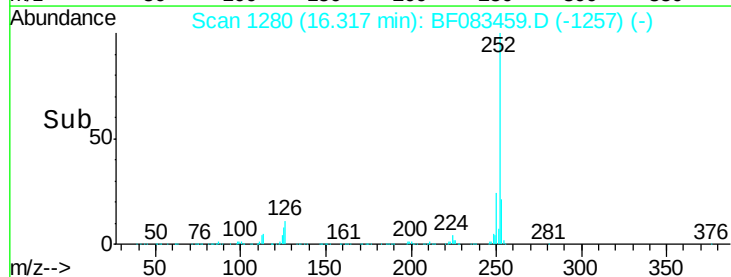
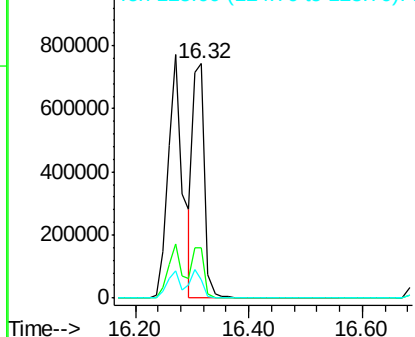


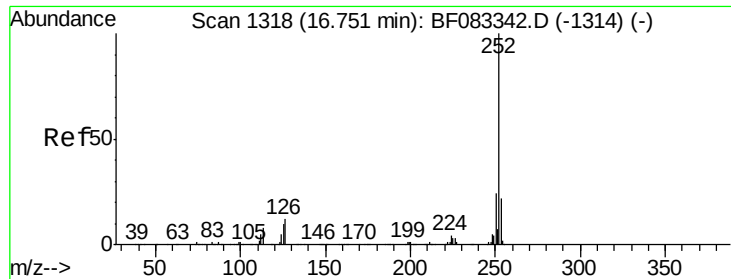
#88
Benzo(k)fluoranthene
Concen: 33.29 ng
RT: 16.32 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion:252 Resp: 1080576
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 7.8 7.5 11.3



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

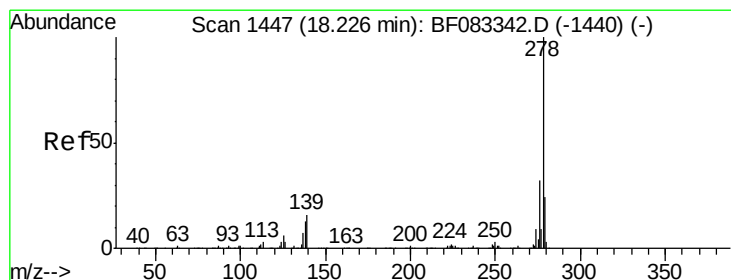
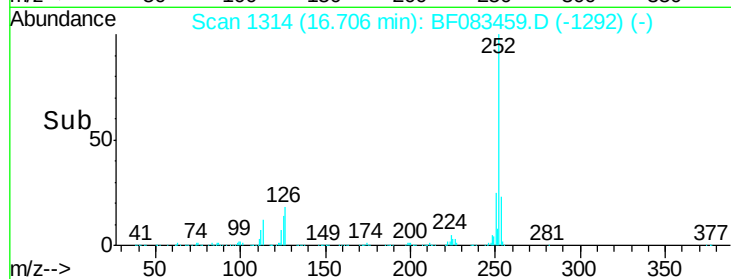
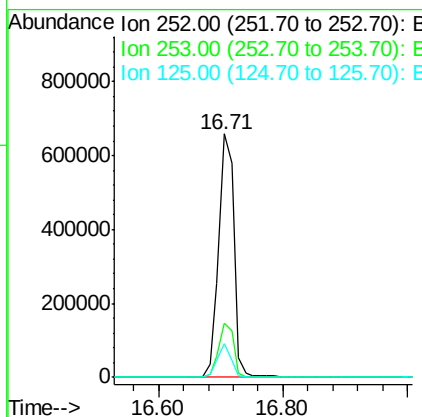
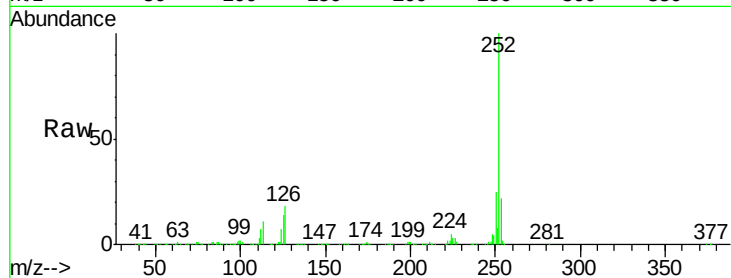




#89
Benzo(a)pyrene
Concen: 37.53 ng
RT: 16.71 min Scan# 1314
Delta R.T. -0.05 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

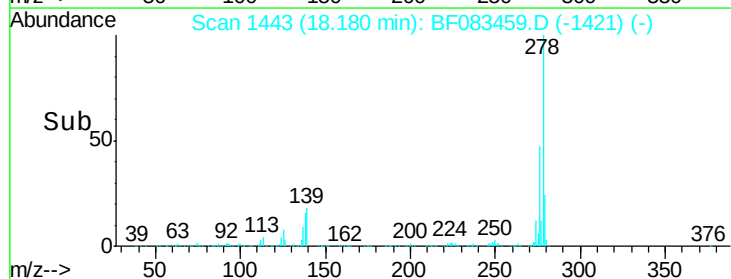
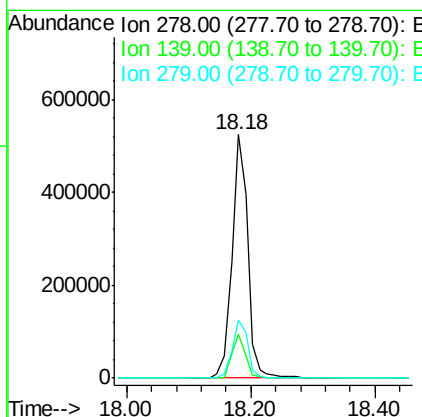
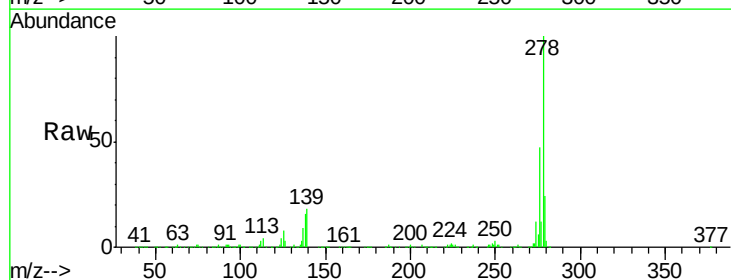
Instrument :
BNA_F
ClientSampleId :

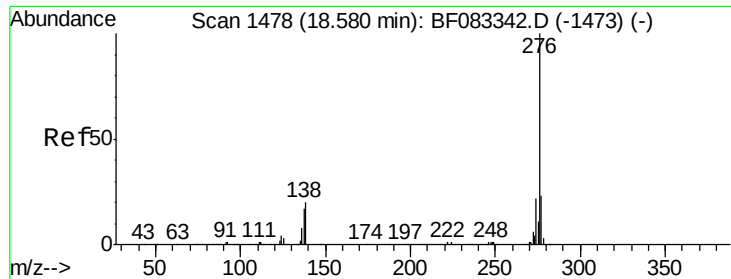
Tot Ion:252 Resp: 1108039
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 13.8 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 35.93 ng
RT: 18.18 min Scan# 1443
Delta R.T. -0.05 min
Lab File: BF083459.D
Acq: 3 Dec 2015 14:26

Tgt Ion:278 Resp: 924312
Ion Ratio Lower Upper
278 100
139 17.9 13.1 19.7
279 24.0 19.2 28.8

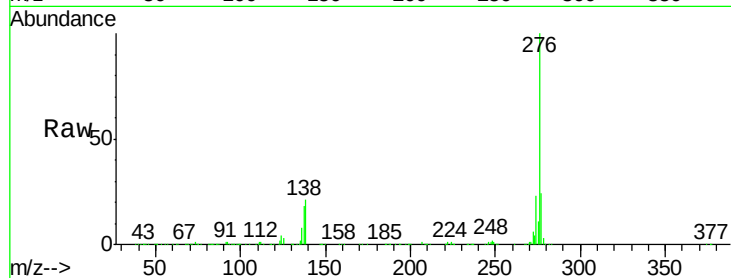




#91
 Benzo(a,h,i)perylene
 Concen: 33.70 ng
 RT: 18.53 min Scan# 1474
 Delta R.T. -0.05 min
 Lab File: BF083459.D
 Acq: 3 Dec 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	20.7	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

