

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083058.D
 Acq On : 20 Nov 2015 2:56
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 20 07:03:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	110333	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	433349	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	229414	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	426102	20.00	ng	0.00
75) Chrysene-d12	13.86	240	360565	20.00	ng	0.00
86) Perylene-d12	15.23	264	306779	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	574788	80.91	ng	0.00
7) Phenol-d6	6.35	99	719830	76.94	ng	0.00
23) Nitrobenzene-d5	7.28	82	756474	79.92	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	191233	78.51	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1138558	66.84	ng	-0.01
78) Terphenyl-d14	12.81	244	1132401	74.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	120874	37.53	ng	99
3) Pyridine	2.82	79	406335	46.54	ng	94
4) n-Nitrosodimethylamine	2.77	42	163432	37.00	ng	96
6) Aniline	6.36	93	506849	39.61	ng	90
8) 2-Chlorophenol	6.49	128	324983	41.02	ng	93
9) Benzaldehyde	6.24	77	189232	39.49	ng	98
10) Phenol	6.36	94	383200	35.15	ng	# 35
11) bis(2-Chloroethyl)ether	6.44	93	313791	39.61	ng	98
12) 1,3-Dichlorobenzene	6.88	146	357297	40.29	ng	96
13) 1,4-Dichlorobenzene	6.72	146	343925	38.29	ng	99
14) 1,2-Dichlorobenzene	6.88	146	357322	43.05	ng	98
15) Benzyl Alcohol	6.85	79	319832	41.55	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	477573	38.68	ng	95
17) 2-Methylphenol	6.98	107	281847	42.60	ng	98
18) Hexachloroethane	7.22	117	135658	41.09	ng	92
19) n-Nitroso-di-n-propylamine	7.13	70	260263	38.07	ng	97
20) 3+4-Methylphenols	6.98	107	281847	32.68	ng	78
22) Acetophenone	7.12	105	460398	37.93	ng	98
24) Nitrobenzene	7.29	77	363475	38.06	ng	99
25) Isophorone	7.54	82	715204	40.06	ng	97
26) 2-Nitrophenol	7.61	139	162532	38.92	ng	97
27) 2,4-Dimethylphenol	7.66	122	293535	42.54	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	424481	42.43	ng	99
29) 2,4-Dichlorophenol	7.86	162	281683	42.11	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	305565	41.25	ng	99
31) Naphthalene	8.02	128	903899	40.03	ng	99
32) Benzoic acid	7.79	122	191705	45.68	ng	99
33) 4-Chloroaniline	8.06	127	366847	37.35	ng	97
34) Hexachlorobutadiene	8.14	225	182717	39.47	ng	98
35) Caprolactam	8.44	113	88428	41.58	ng	93
36) 4-Chloro-3-methylphenol	8.56	107	284091	36.74	ng	# 85
37) 2-Methylnaphthalene	8.70	142	586993	39.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	302839	40.03	ng	99
40) Hexachlorocyclopentadiene	8.86	237	141640	40.18	ng	97

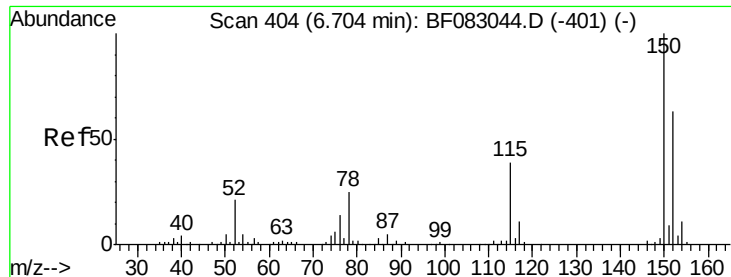
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	204270	37.21	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	198227	36.22	ng	# 92
45) 1,1'-Biphenyl	9.17	154	814459	40.35	ng	97
46) 2-Chloronaphthalene	9.20	162	619384	40.34	ng	97
47) 2-Nitroaniline	9.29	65	204166	35.24	ng	96
48) Acenaphthylene	9.61	152	1002181	39.65	ng	100
49) Dimethylphthalate	9.48	163	731377	38.74	ng	99
50) 2,6-Dinitrotoluene	9.54	165	165150	40.58	ng	# 82
51) Acenaphthene	9.78	154	609477	38.15	ng	99
52) 3-Nitroaniline	9.70	138	152378	32.82	ng	97
53) 2,4-Dinitrophenol	9.80	184	73541	35.46	ng	# 36
54) Dibenzofuran	9.95	168	822470	38.42	ng	97
55) 4-Nitrophenol	9.87	139	106460	33.41	ng	# 66
56) 2,4-Dinitrotoluene	9.94	165	228355	41.92	ng	85
57) Fluorene	10.29	166	679378	39.44	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	175105	39.58	ng	98
59) Diethylphthalate	10.18	149	710624	38.59	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	290855	36.05	ng	94
61) 4-Nitroaniline	10.32	138	191508	40.39	ng	93
62) Azobenzene	10.44	77	735347	35.65	ng	84
64) 4,6-Dinitro-2-methylphenol	10.35	198	119353	43.93	ng	80
65) n-Nitrosodiphenylamine	10.41	169	597745	40.03	ng	98
66) 4-Bromophenyl-phenylether	10.77	248	187680	38.03	ng	92
67) Hexachlorobenzene	10.84	284	222202	41.16	ng	# 89
68) Atrazine	10.93	200	166682	35.63	ng	97
69) Pentachlorophenol	11.04	266	120490	43.74	ng	97
70) Phenanthrene	11.24	178	940997	36.60	ng	99
71) Anthracene	11.30	178	1018321	39.32	ng	99
72) Carbazole	11.46	167	944842	41.74	ng	98
73) Di-n-butylphthalate	11.80	149	1131381	39.63	ng	99
74) Fluoranthene	12.43	202	1047892	39.11	ng	99
76) Benzidine	12.56	184	557759	47.28	ng	99
77) Pyrene	12.66	202	1109382	43.70	ng	99
79) Butylbenzylphthalate	13.29	149	440254	39.25	ng	95
80) Benzo(a)anthracene	13.85	228	951785	41.54	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	336622	43.64	ng	# 97
82) Chrysene	13.88	228	909333	43.28	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	636275	43.39	ng	# 99
84) Di-n-octyl phthalate	14.47	149	965517	40.41	ng	97
85) Indeno(1,2,3-cd)pyrene	16.53	276	704163	41.19	ng	99
87) Benzo(b)fluoranthene	14.85	252	1468898	68.48	ng	# 98
88) Benzo(k)fluoranthene	14.85	252	1468898	89.89	ng	# 98
89) Benzo(a)pyrene	15.17	252	686887	39.90	ng	# 97
90) Dibenzo(a,h)anthracene	16.55	278	592747	39.57	ng	# 97
91) Benzo(g,h,i)perylene	16.92	276	575391	39.38	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083058.D

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SSTDCCC040

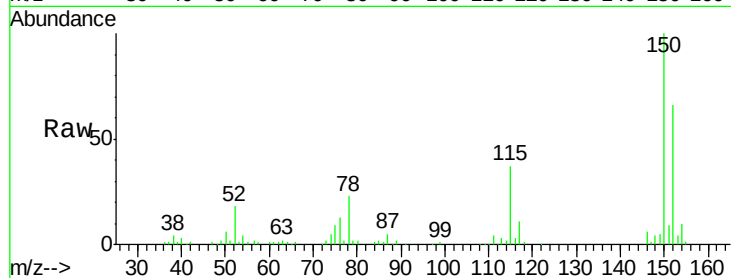
Tgt Ion:152 Resp: 110333

Ion Ratio Lower Upper

152 100

150 151.4 126.4 189.6

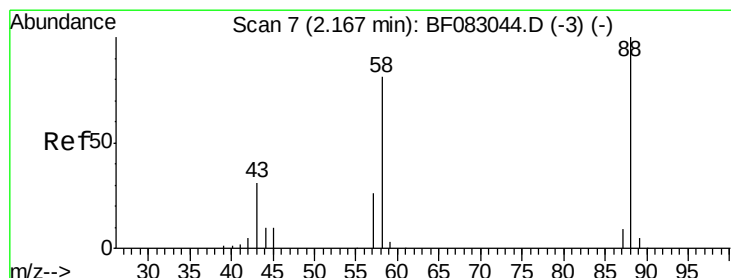
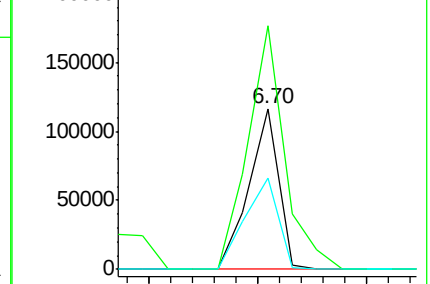
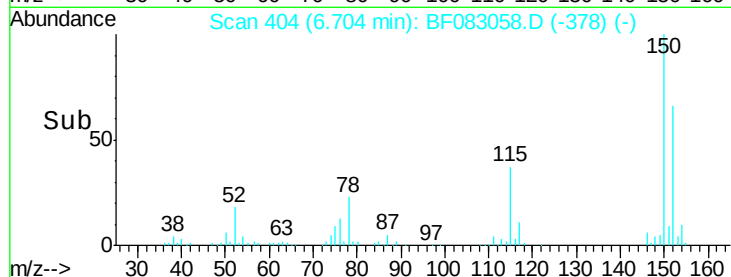
115 56.7 49.0 73.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.53 ng

RT: 2.17 min Scan# 7

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

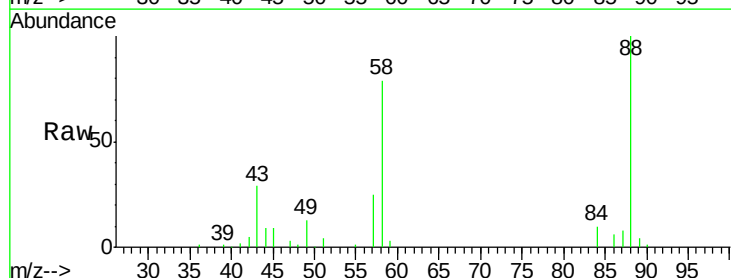
Tgt Ion: 88 Resp: 120874

Ion Ratio Lower Upper

88 100

58 82.1 64.8 97.2

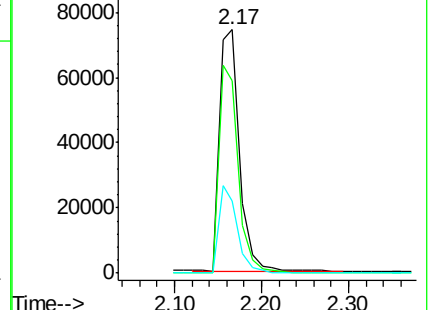
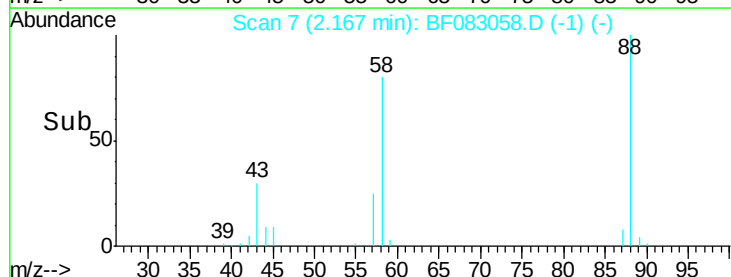
43 32.3 26.2 39.4

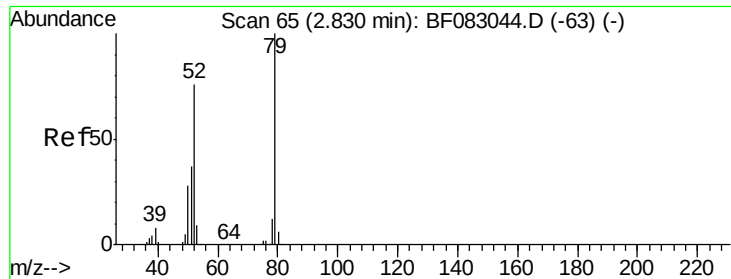


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 46.54 ng

RT: 2.82 min Scan# 64

Delta R.T. -0.01 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

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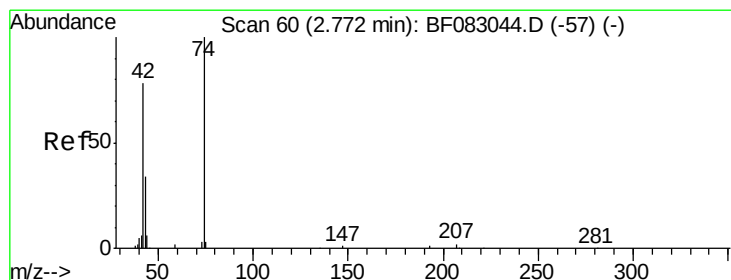
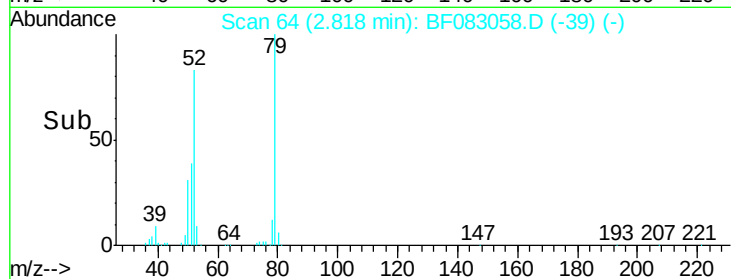
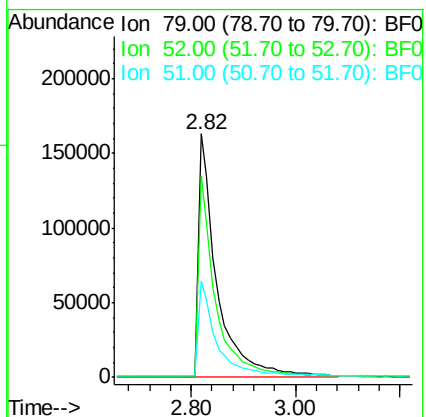
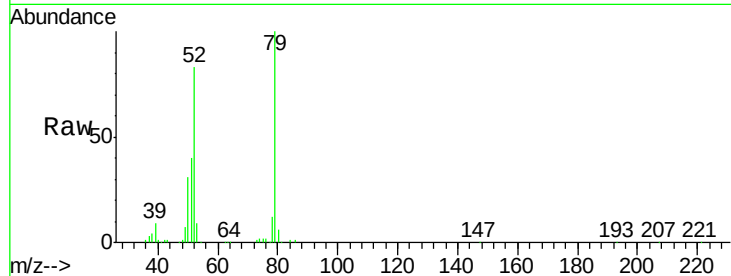
Tgt Ion: 79 Resp: 406335

Ion Ratio Lower Upper

79 100

52 82.9 61.0 91.4

51 39.7 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 37.00 ng

RT: 2.77 min Scan# 60

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

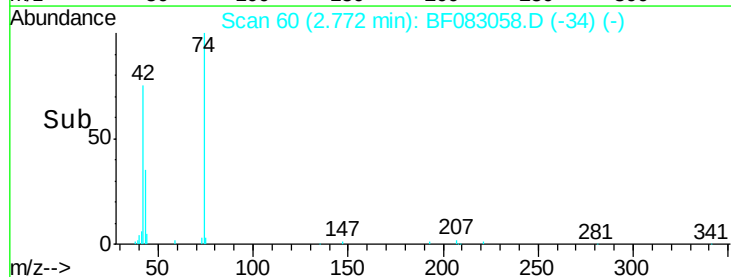
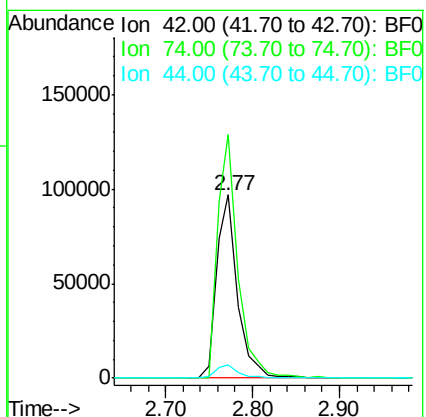
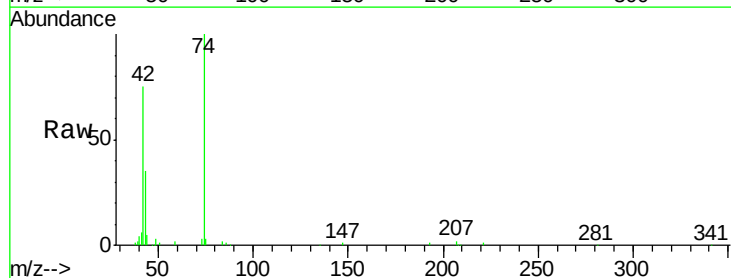
Tgt Ion: 42 Resp: 163432

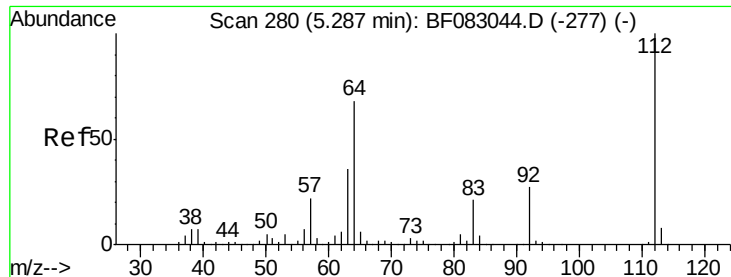
Ion Ratio Lower Upper

42 100

74 133.0 102.4 153.6

44 6.9 5.8 8.8





#5

2-Fluorophenol

Concen: 80.91 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

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ClientSampleId :

SSTDCCC040

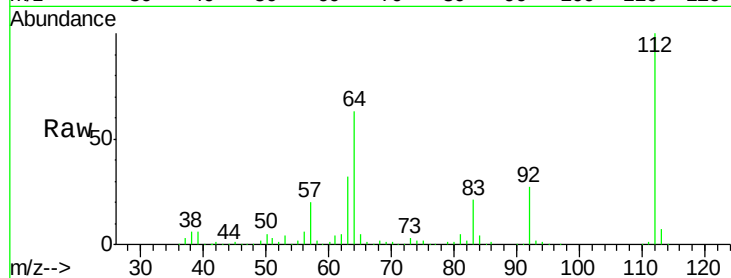
Tgt Ion: 112 Resp: 574788

Ion Ratio Lower Upper

112 100

64 62.6 54.8 82.2

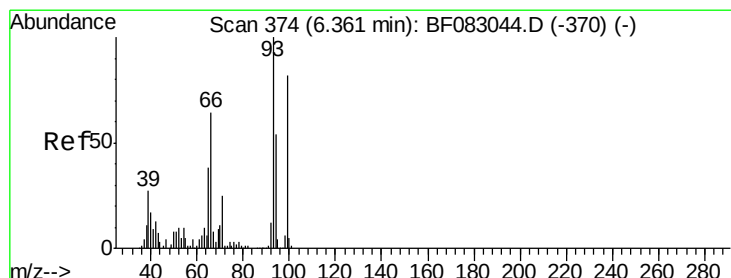
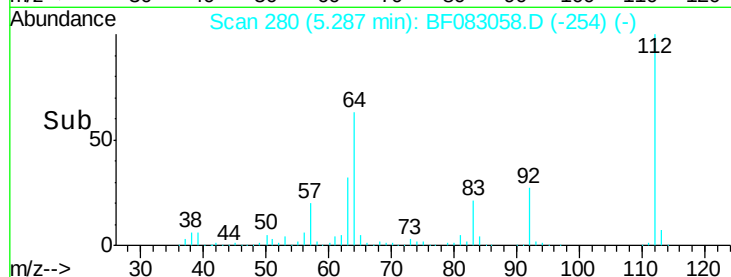
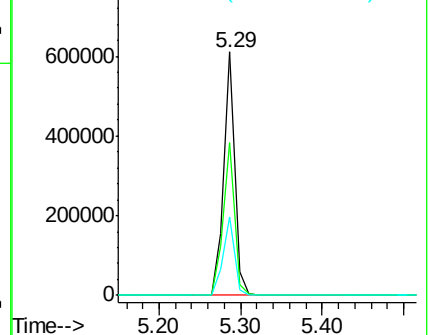
63 32.2 29.0 43.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.61 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

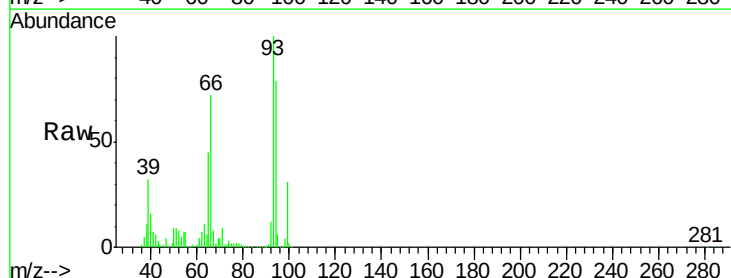
Tgt Ion: 93 Resp: 506849

Ion Ratio Lower Upper

93 100

66 71.6 51.4 77.2

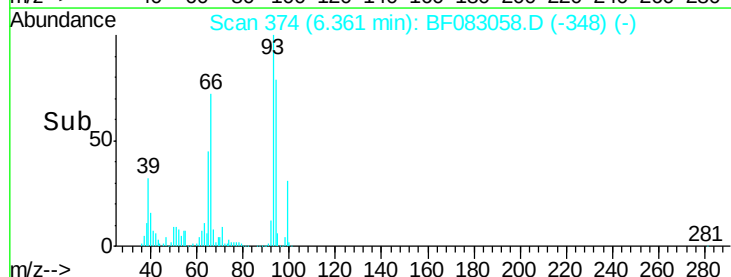
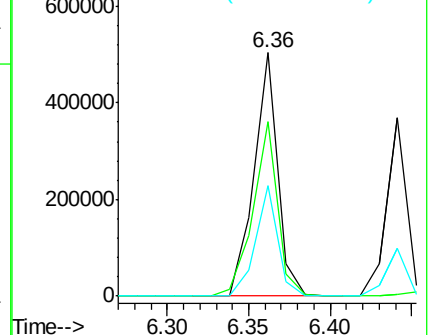
65 45.3 30.7 46.1

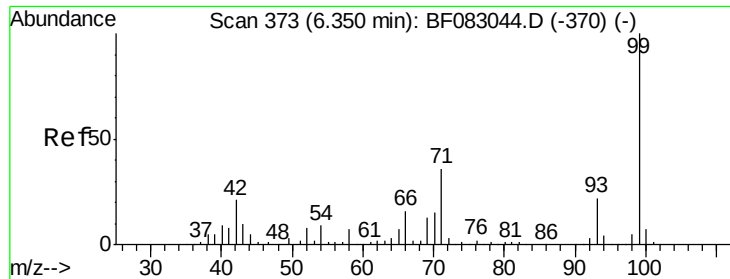


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.94 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083058.D

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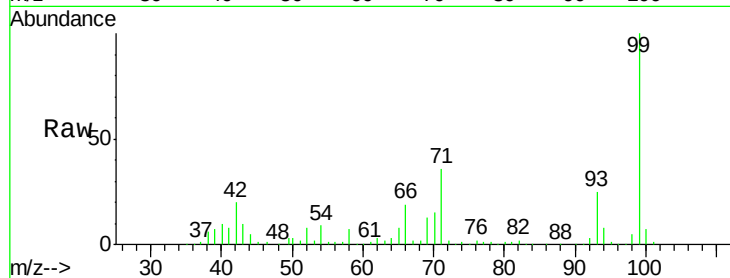
Tgt Ion: 99 Resp: 719830

Ion Ratio Lower Upper

99 100

42 19.6 16.6 25.0

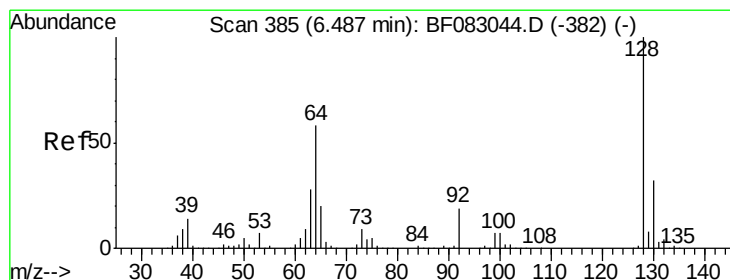
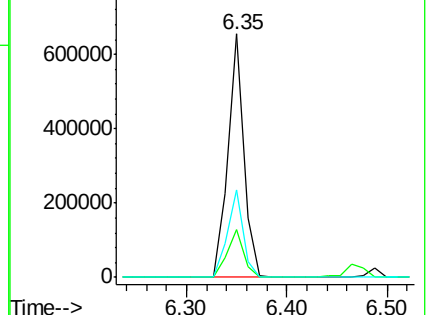
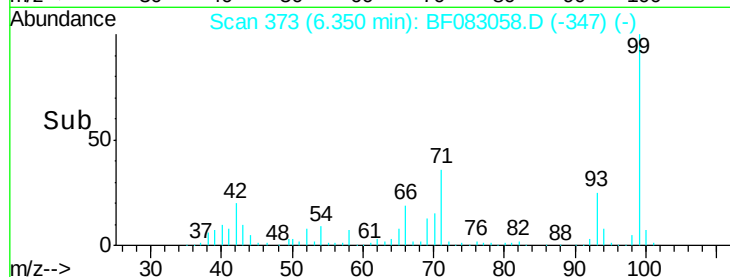
71 35.9 29.2 43.8



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: 41.02 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

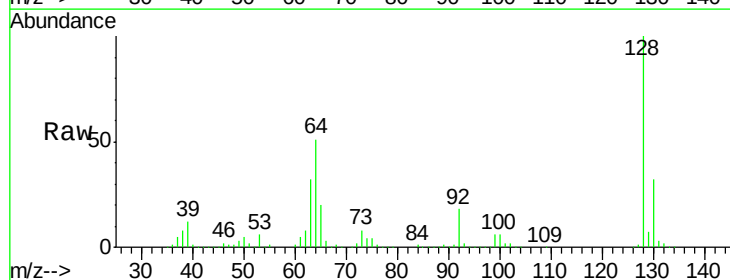
Tgt Ion: 128 Resp: 324983

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

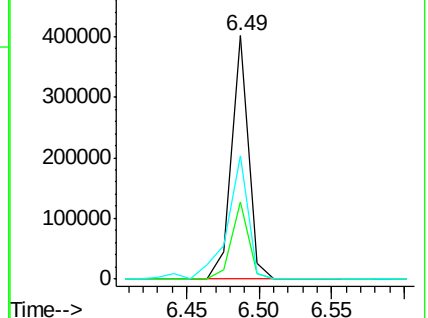
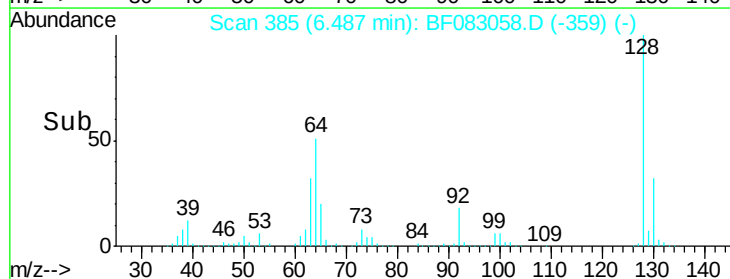
64 50.6 38.3 78.3

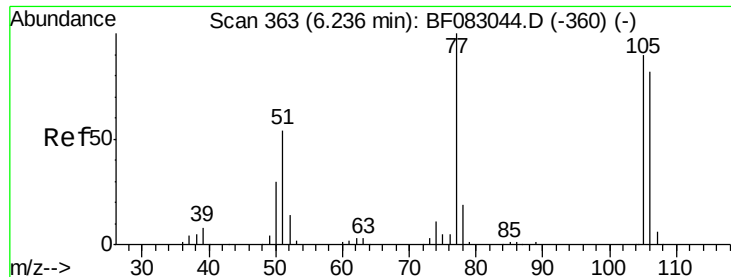


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.49 ng

RT: 6.24 min Scan# 363

Delta R.T. 0.00 min

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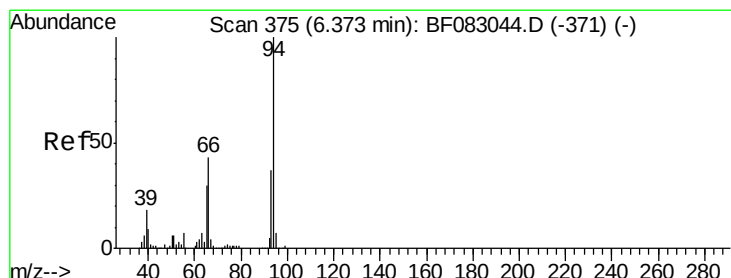
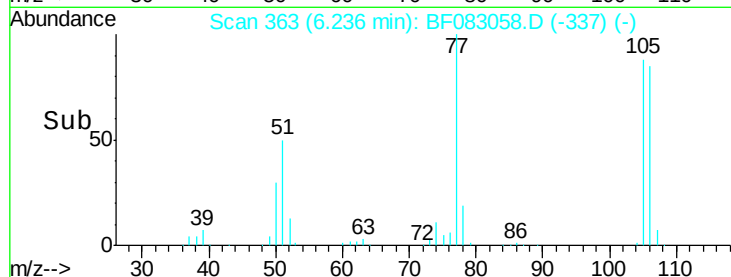
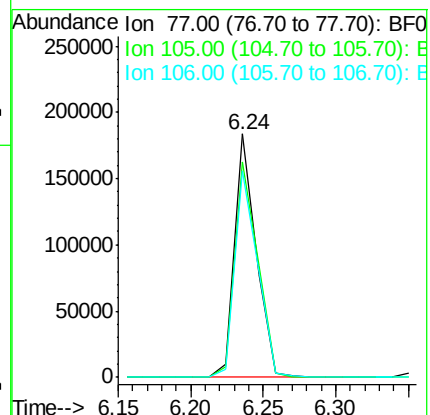
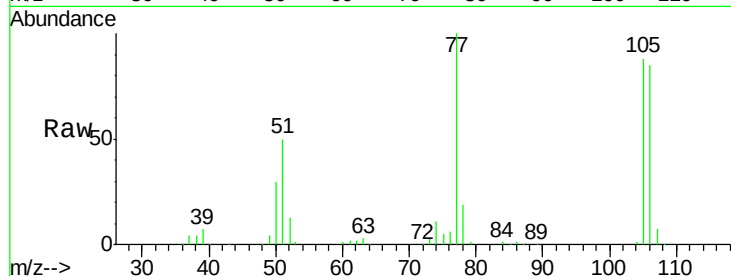
Tgt Ion: 77 Resp: 189232

Ion Ratio Lower Upper

77 100

105 88.5 69.6 109.6

106 84.7 62.0 102.0



#10

Phenol

Concen: 35.15 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

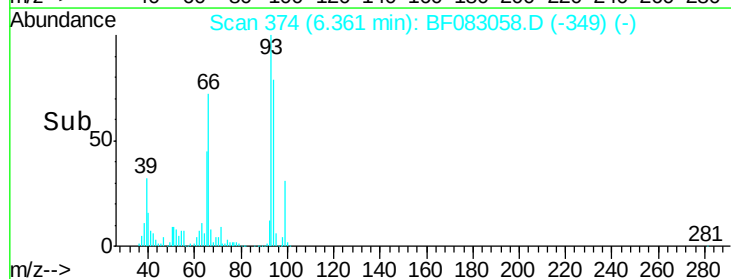
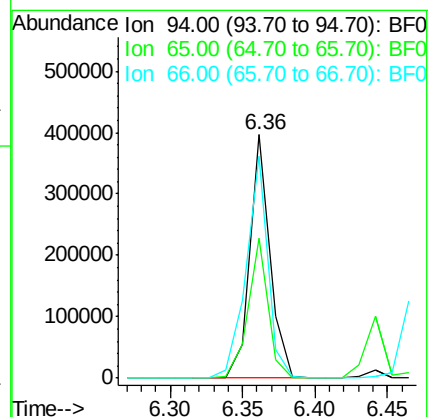
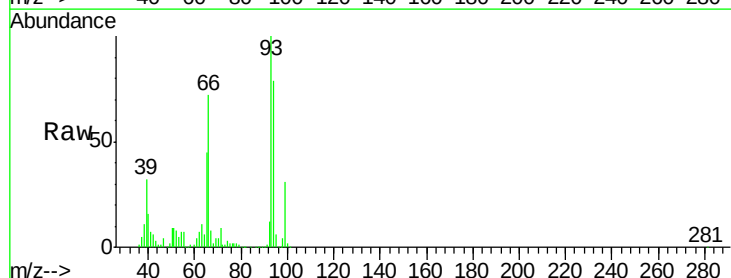
Tgt Ion: 94 Resp: 383200

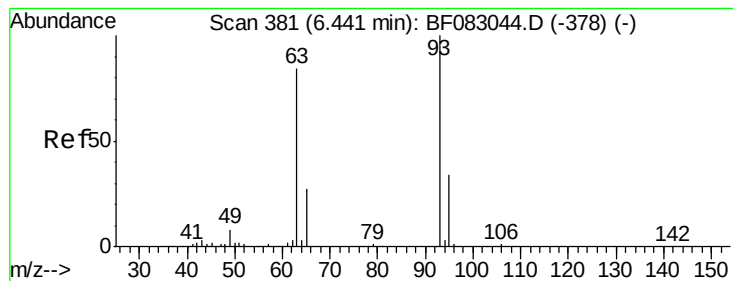
Ion Ratio Lower Upper

94 100

65 57.6 10.1 50.1#

66 90.9 23.2 63.2#





#11

bis(2-Chloroethyl)ether

Concen: 39.61 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

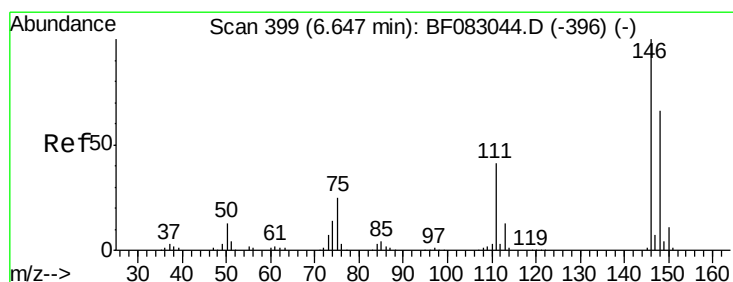
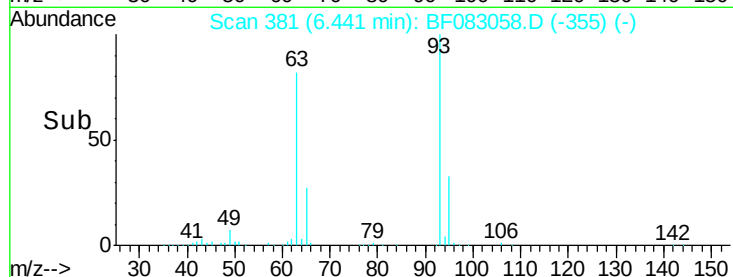
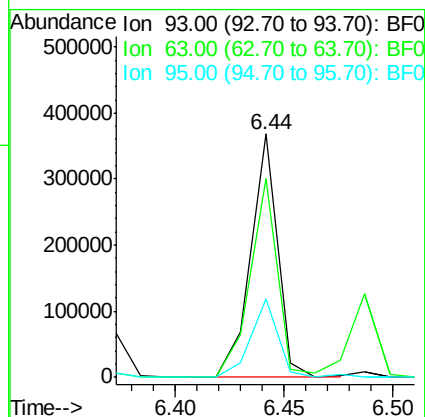
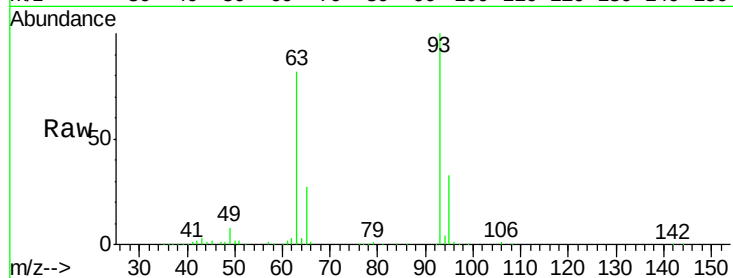
Tgt Ion: 93 Resp: 313791

Ion Ratio Lower Upper

93 100

63 81.6 63.6 103.6

95 32.5 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 40.29 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.23 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

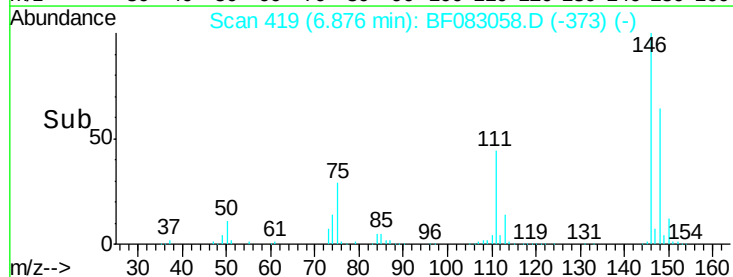
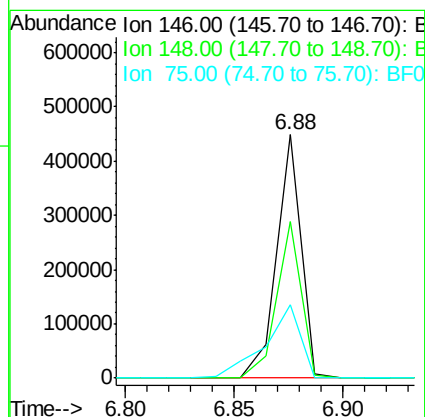
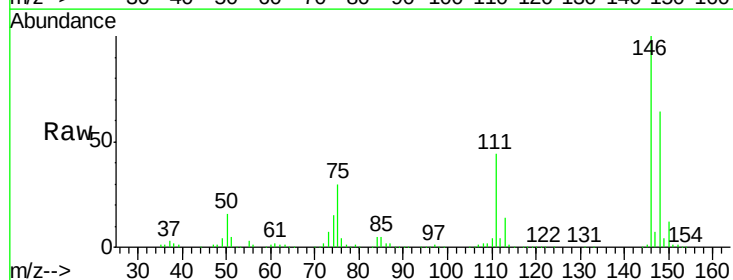
Tgt Ion: 146 Resp: 357297

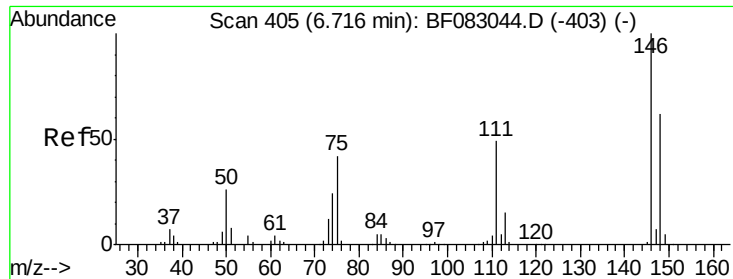
Ion Ratio Lower Upper

146 100

148 64.4 52.8 79.2

75 29.9 20.3 30.5

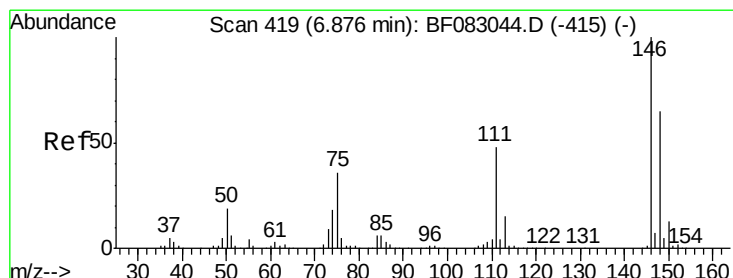
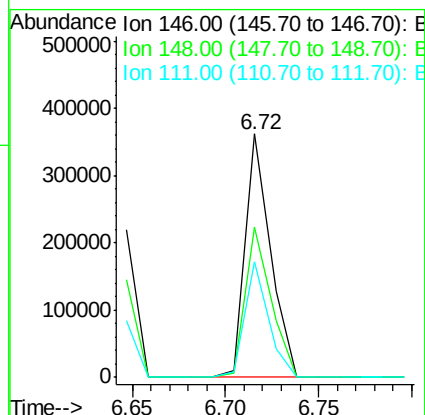
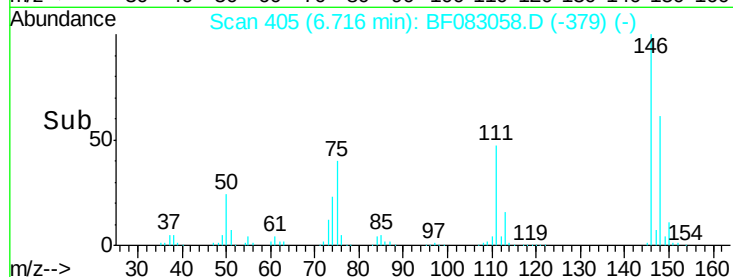
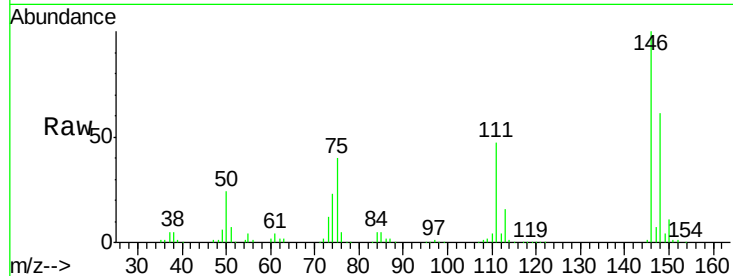




#13
 1,4-Dichlorobenzene
 Concen: 38.29 ng
 RT: 6.72 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

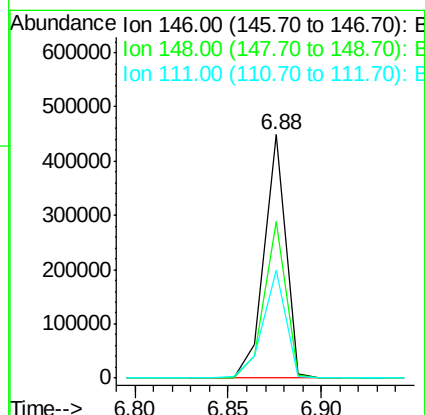
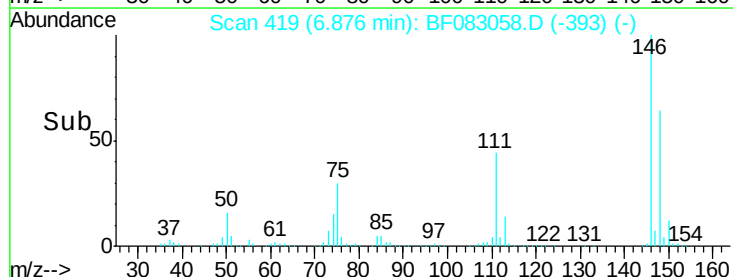
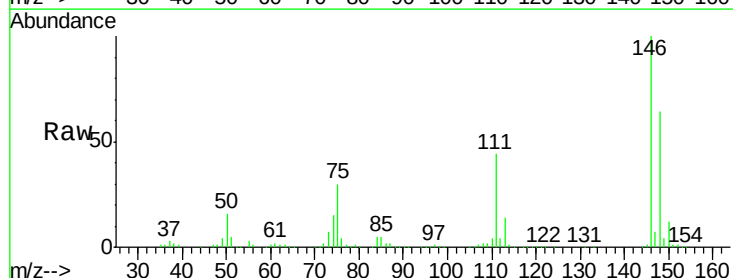
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

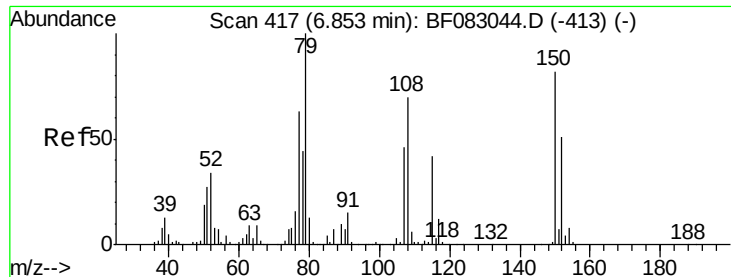
Tgt Ion:146 Resp: 343925
 Ion Ratio Lower Upper
 146 100
 148 61.4 49.6 74.4
 111 47.5 39.0 58.6



#14
 1,2-Dichlorobenzene
 Concen: 43.05 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Tgt Ion:146 Resp: 357322
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.6
 111 44.5 38.2 57.2





#15

Benzyl Alcohol

Concen: 41.55 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

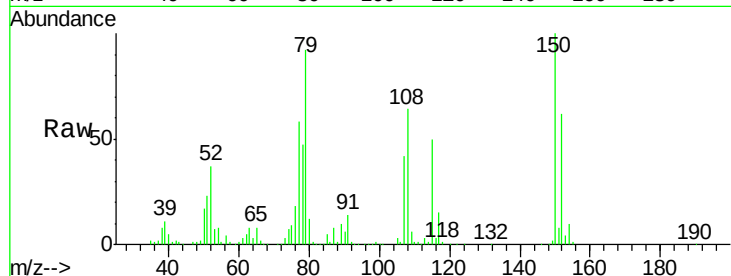
Tgt Ion: 79 Resp: 319832

Ion Ratio Lower Upper

79 100

108 68.9 55.7 83.5

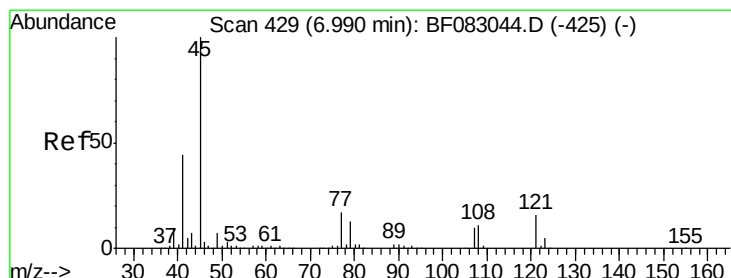
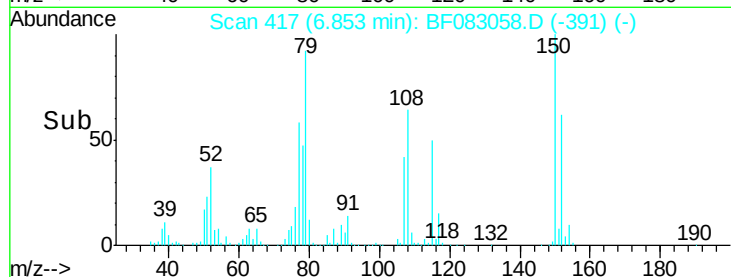
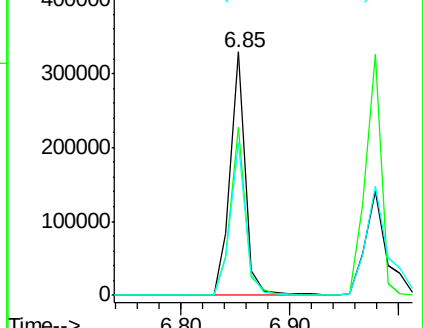
77 62.6 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.68 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

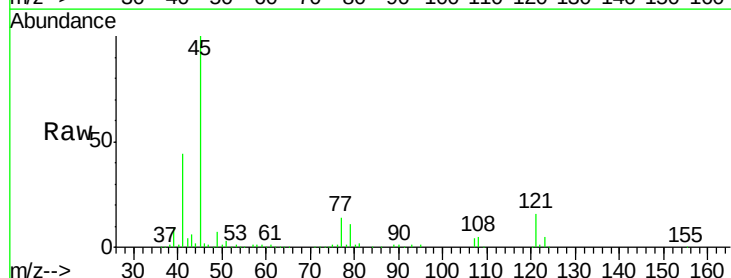
Tgt Ion: 45 Resp: 477573

Ion Ratio Lower Upper

45 100

77 14.4 0.0 36.7

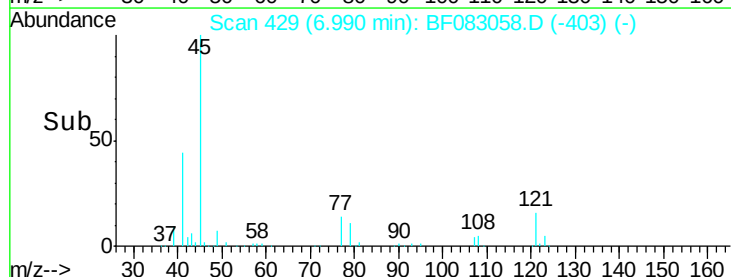
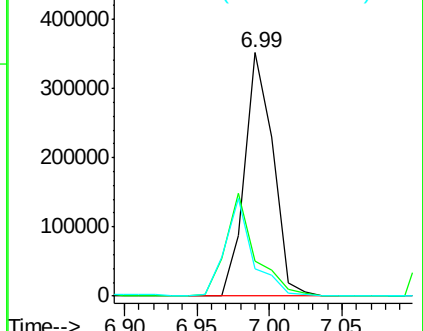
79 11.4 0.0 33.0

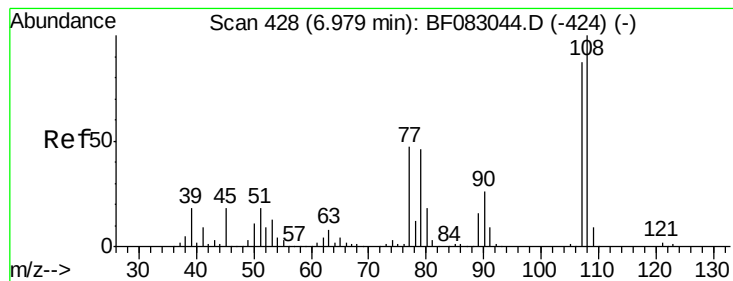


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

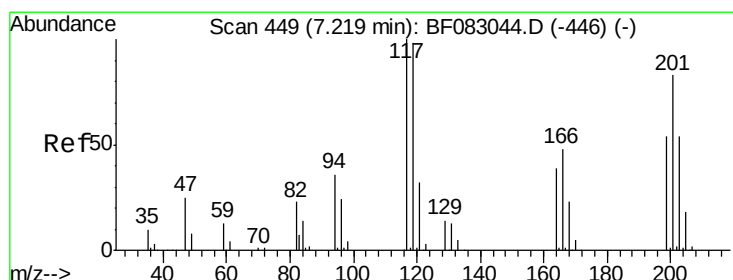
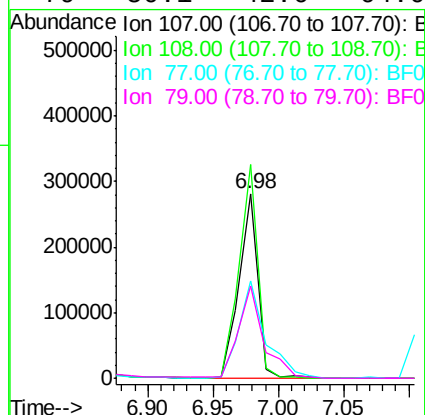
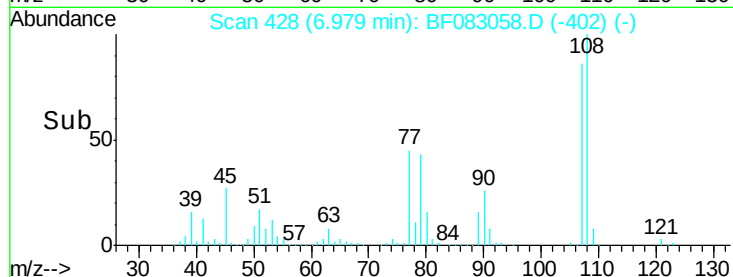
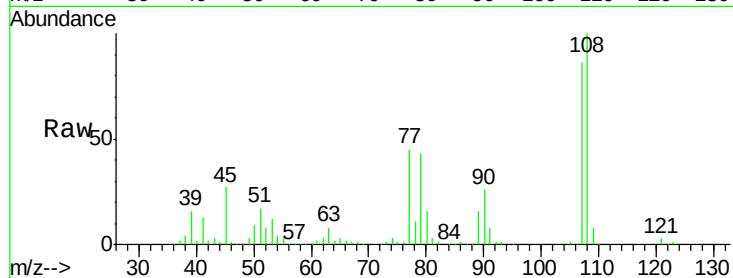




#17
2-Methylphenol
Concen: 42.60 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

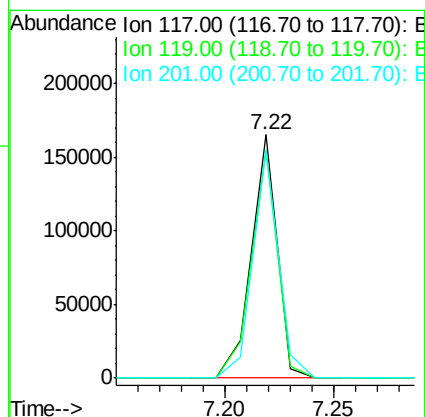
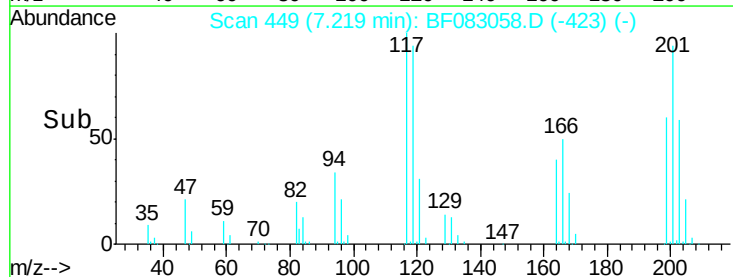
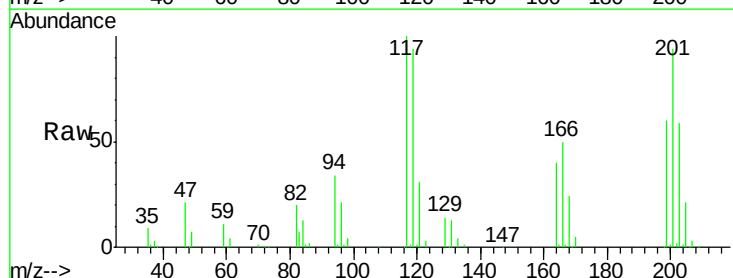
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

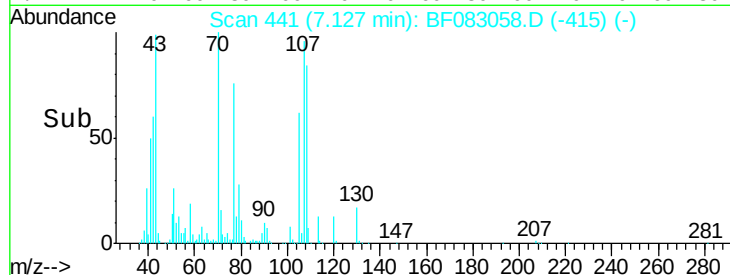
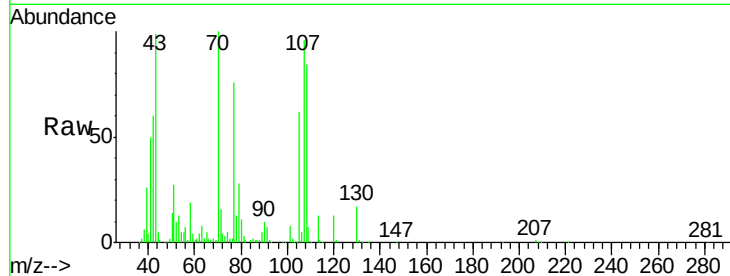
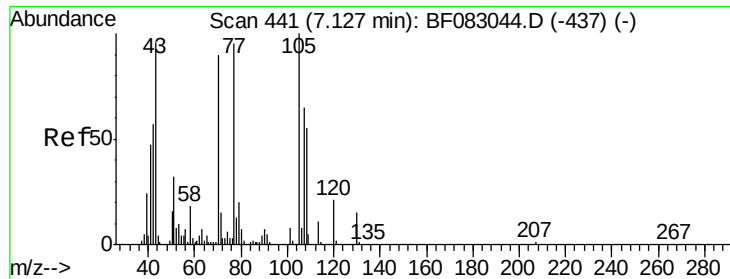
Tgt Ion:	107	Resp:	281847
Ion	Ratio	Lower	Upper
107	100		
108	115.9	92.3	138.5
77	52.6	43.9	65.9
79	50.1	42.6	64.0



#18
Hexachloroethane
Concen: 41.09 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

Tgt Ion:	117	Resp:	135658
Ion	Ratio	Lower	Upper
117	100		
119	93.5	78.3	117.5
201	93.7	66.5	99.7

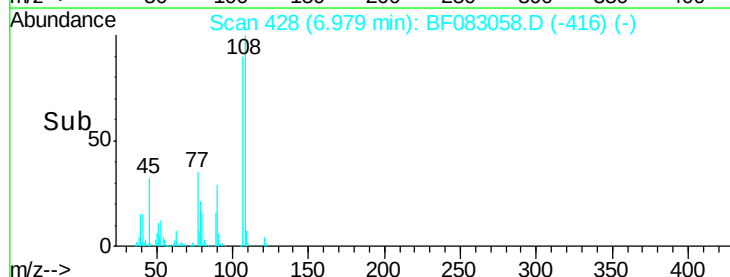
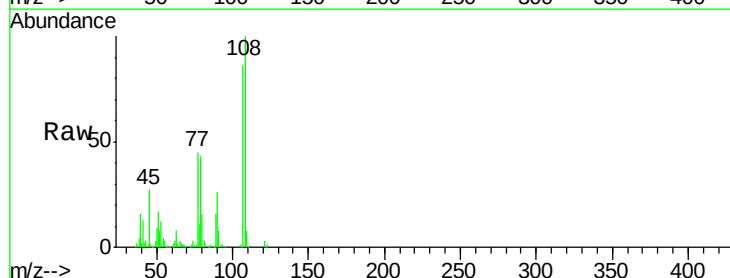
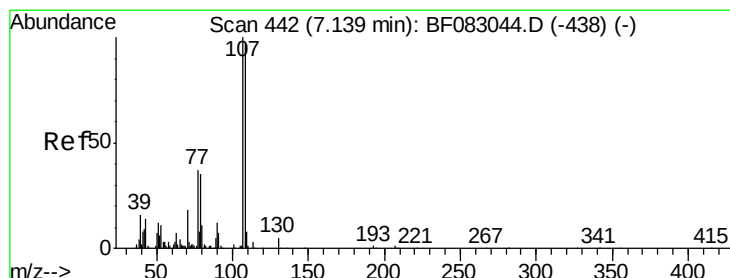
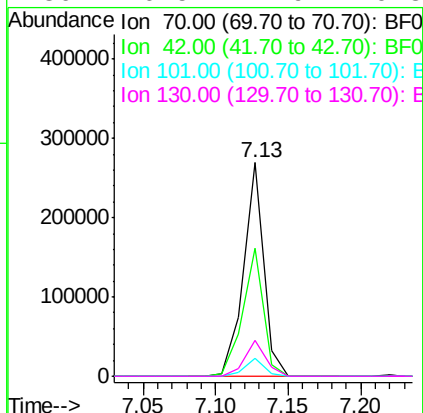




#19
n-Nitroso-di-n-propylamine
Concen: 38.07 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

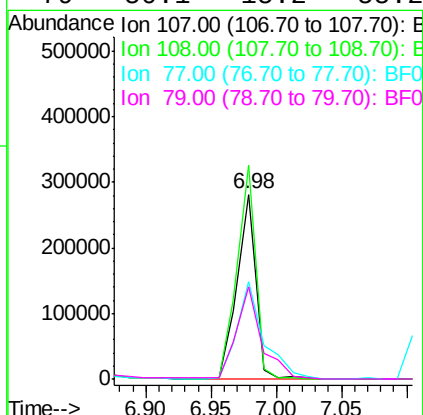
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

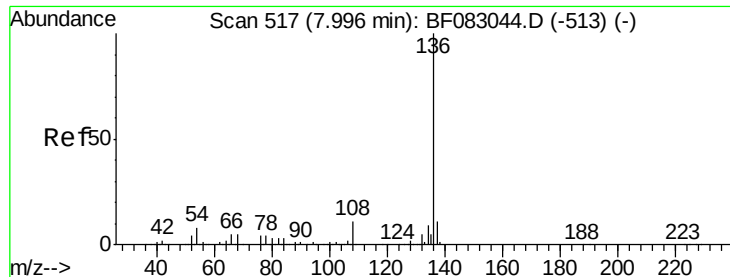
Tgt Ion:	70	Resp:	260263
Ion	Ratio	Lower	Upper
70	100		
42	59.9	50.2	75.2
101	8.4	6.8	10.2
130	16.5	12.9	19.3



#20
3+4-Methylphenols
Concen: 32.68 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.16 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

Tgt Ion:	107	Resp:	281847
Ion	Ratio	Lower	Upper
107	100		
108	115.9	77.4	117.4
77	52.6	16.7	56.7
79	50.1	15.2	55.2

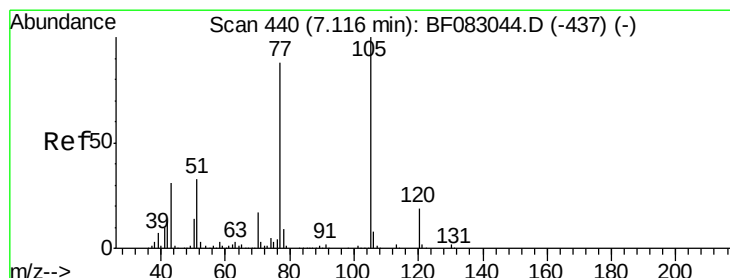
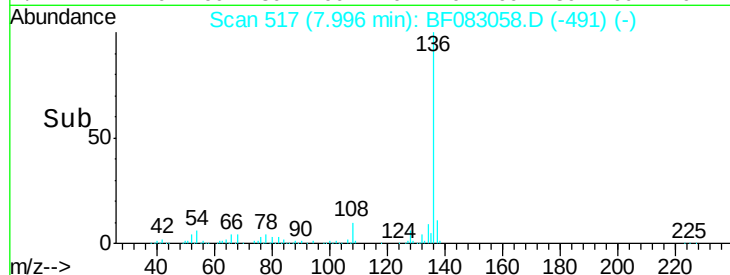
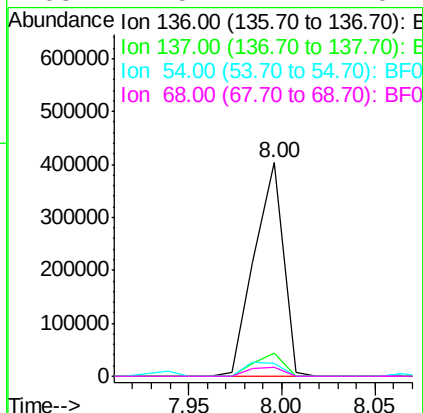
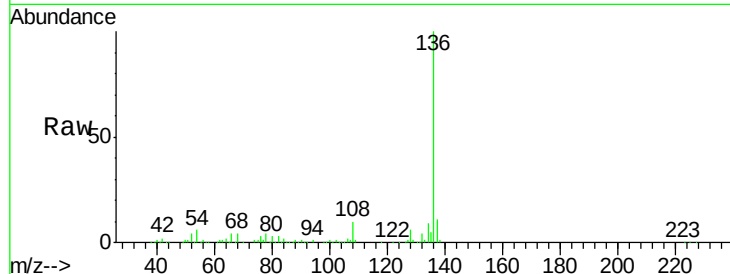




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

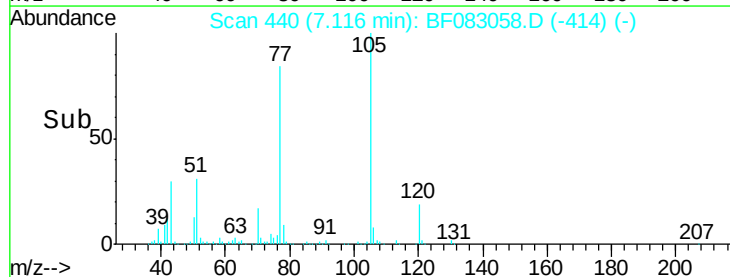
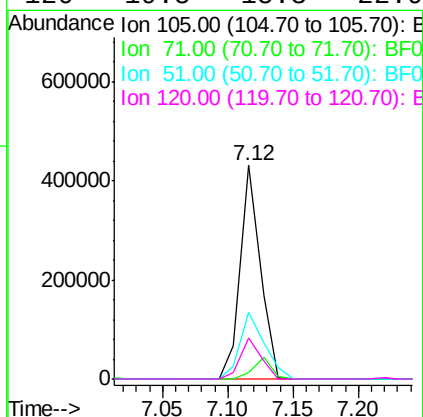
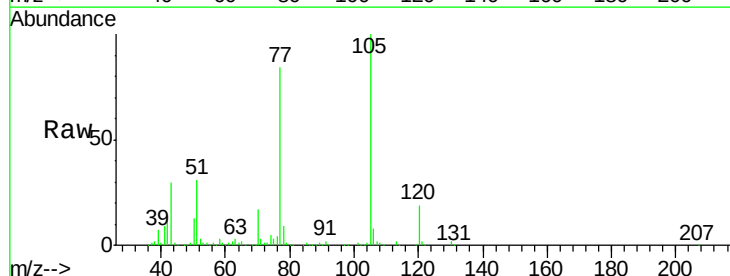
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

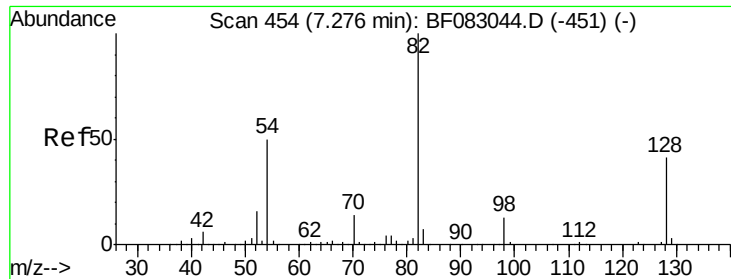
Tgt Ion:	136	Resp:	433349
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.2	6.2	9.2
68	4.5	4.2	6.2



#22
Acetophenone
Concen: 37.93 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

Tgt Ion:	105	Resp:	460398
Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.3	3.5
51	31.3	26.1	39.1
120	19.5	15.3	22.9

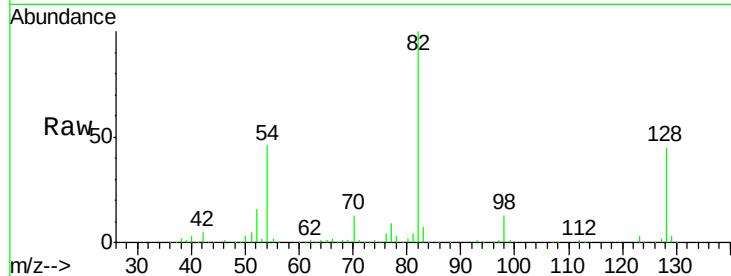




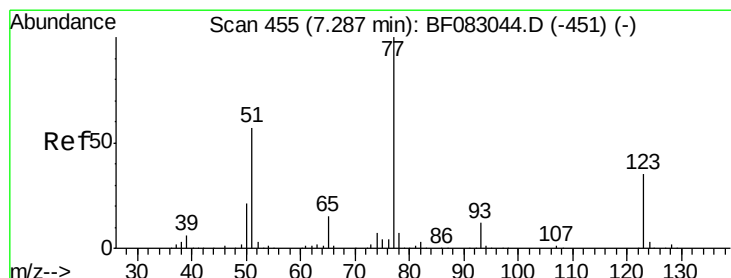
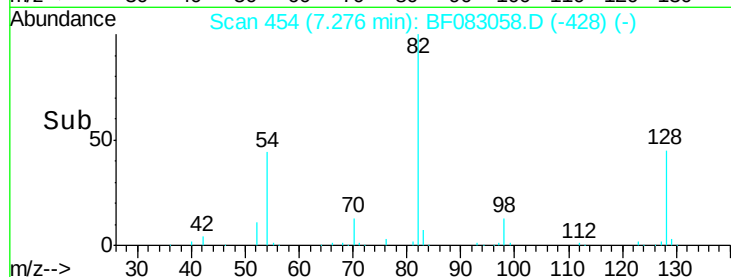
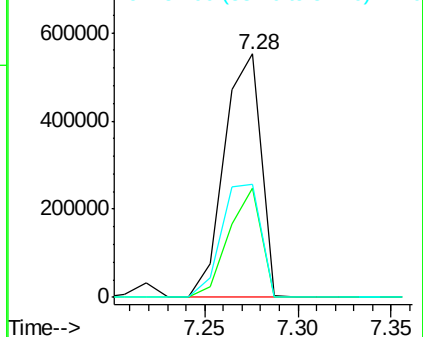
#23
 Nitrobenzene-d5
 Concen: 79.92 ng
 RT: 7.28 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.9	33.1	49.7
54	46.3	39.8	59.6

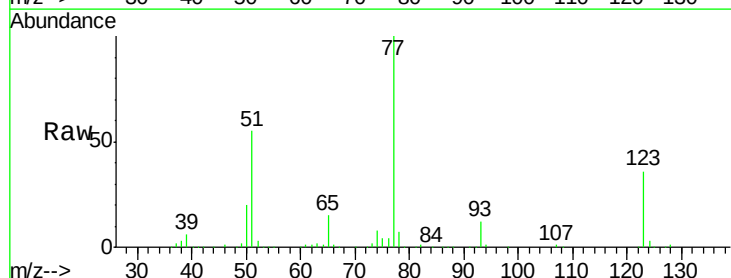


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

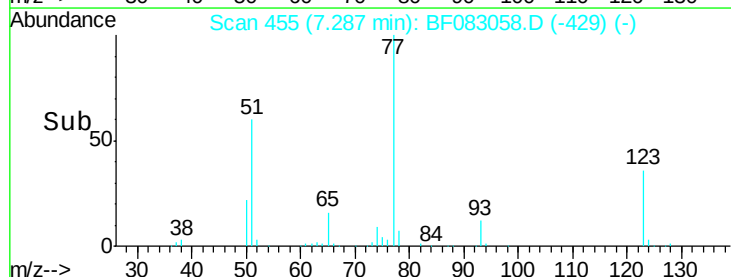
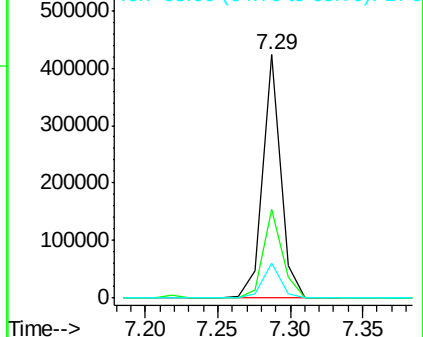


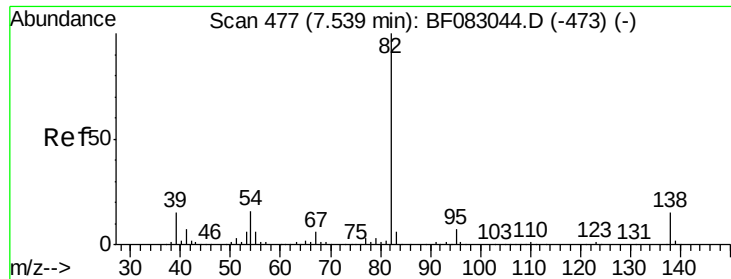
#24
 Nitrobenzene
 Concen: 38.06 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.3	28.2	42.4
65	14.6	11.8	17.8



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





#25

Isophorone

Concen: 40.06 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

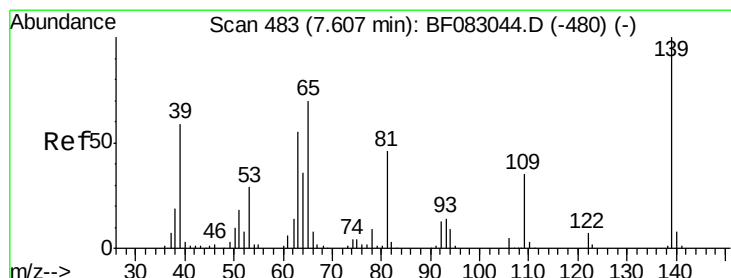
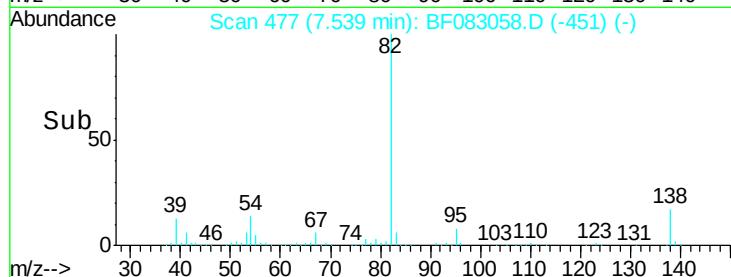
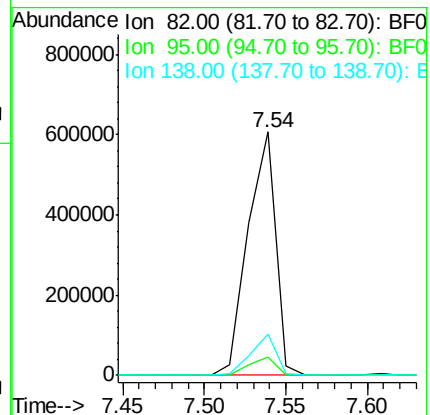
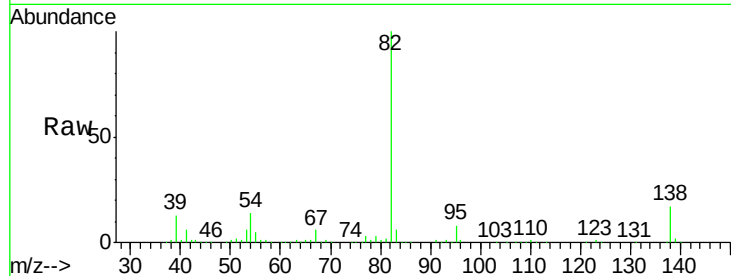
Tgt Ion: 82 Resp: 715204

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

138 16.9 12.2 18.4



#26

2-Nitrophenol

Concen: 38.92 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

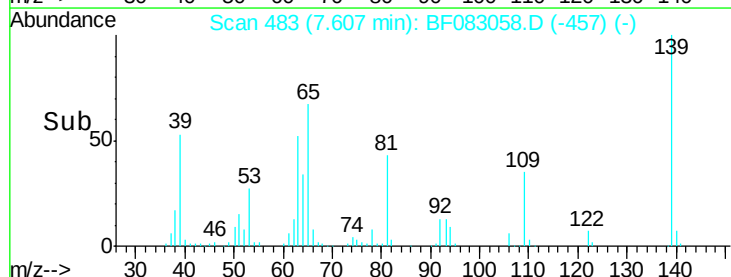
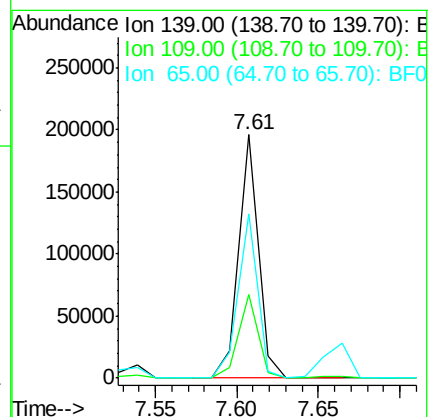
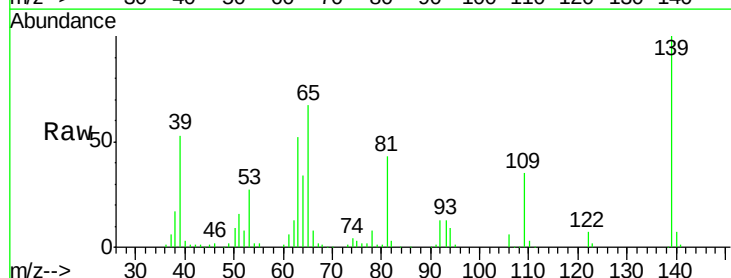
Tgt Ion: 139 Resp: 162532

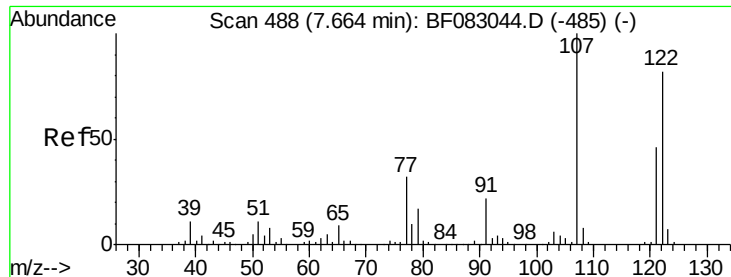
Ion Ratio Lower Upper

139 100

109 34.5 27.8 41.6

65 67.4 56.4 84.6

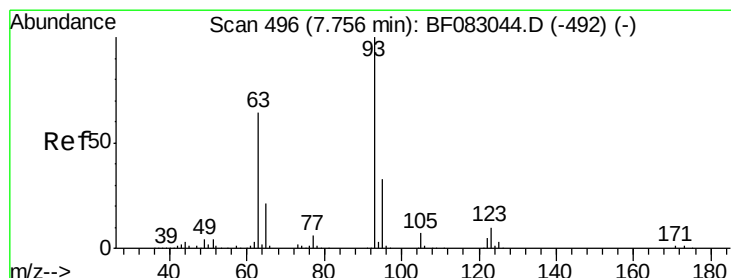
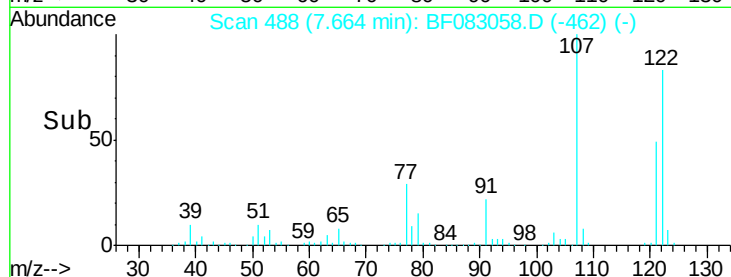
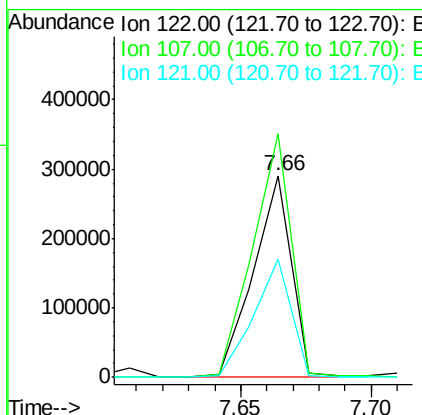
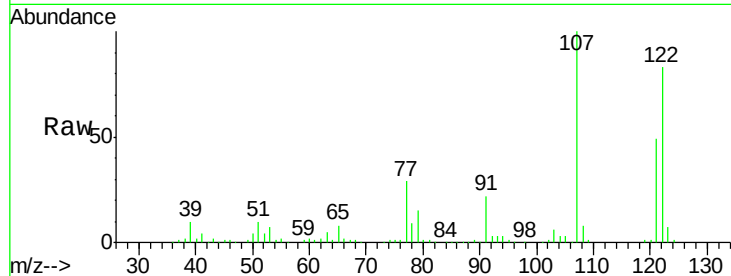




#27
 2,4-Dimethylphenol
 Concen: 42.54 ng
 RT: 7.66 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

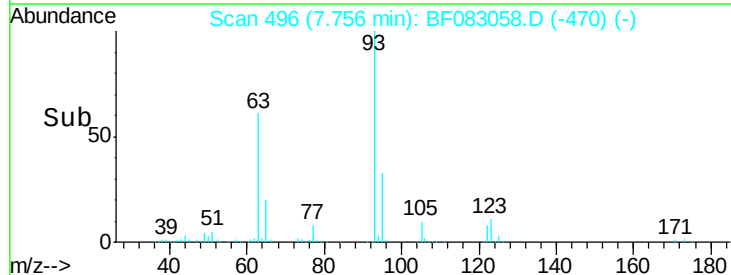
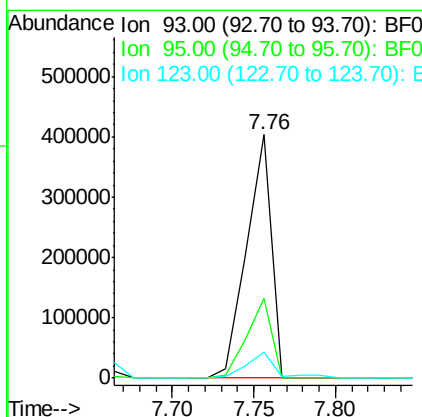
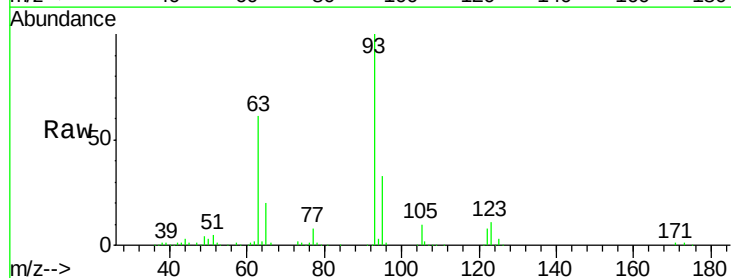
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

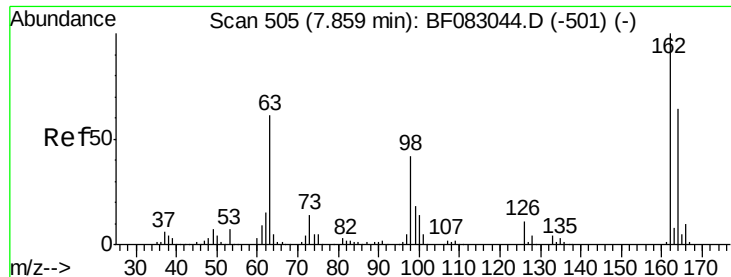
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.6	97.5	146.3
121	58.5	45.3	67.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.43 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.2
123	10.9	8.5	12.7

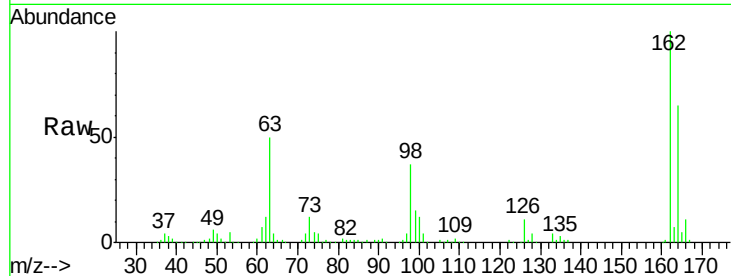




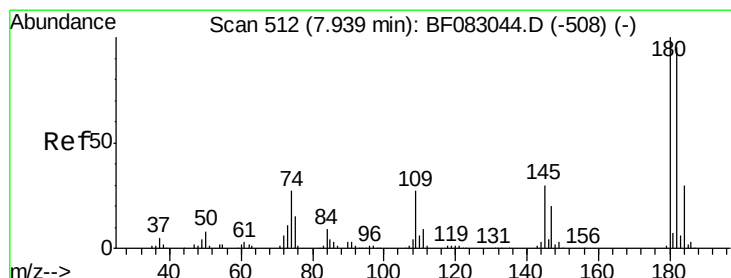
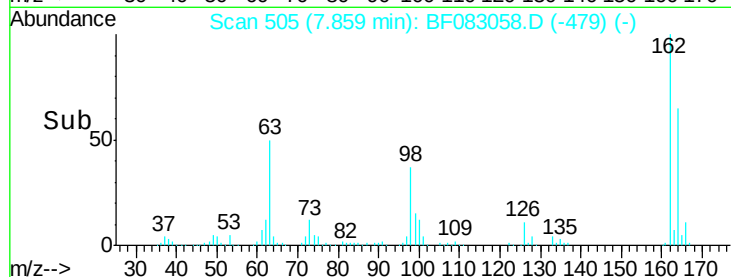
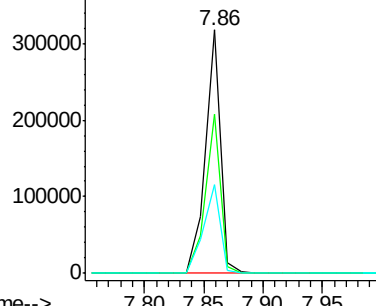
#29
 2,4-Dichlorophenol
 Concen: 42.11 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	281683		
164	65.2	44.1	84.1	
98	36.6	21.6	61.6	

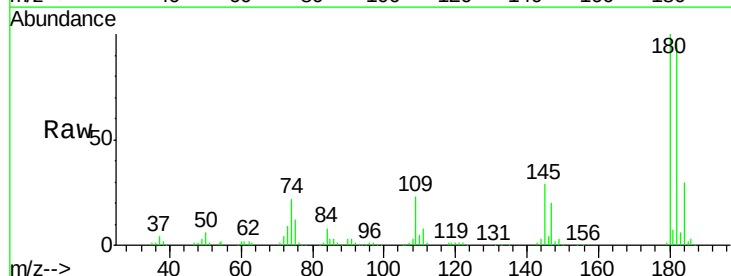


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

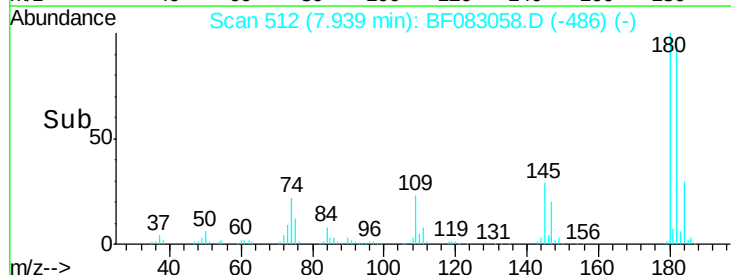
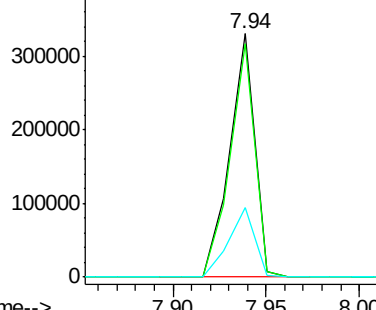


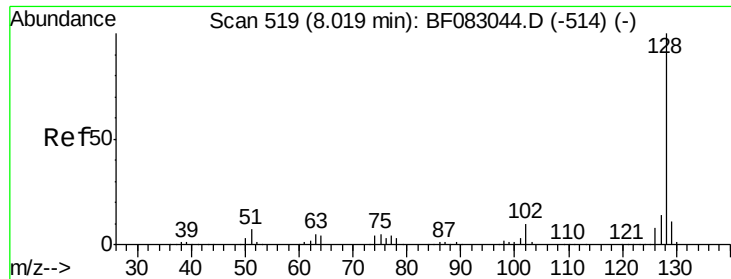
#30
 1,2,4-Trichlorobenzene
 Concen: 41.25 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	305565		
182	96.0	76.2	114.4	
145	28.8	24.0	36.0	



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

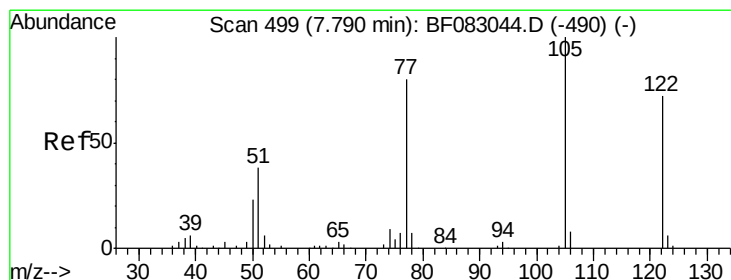
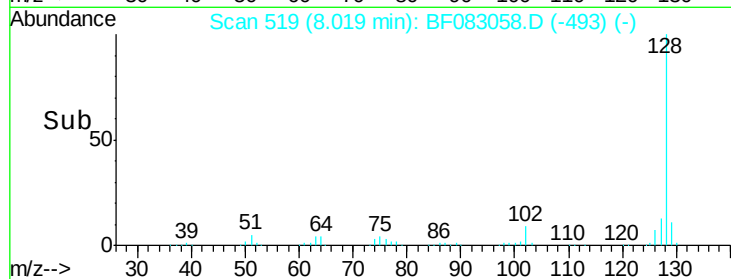
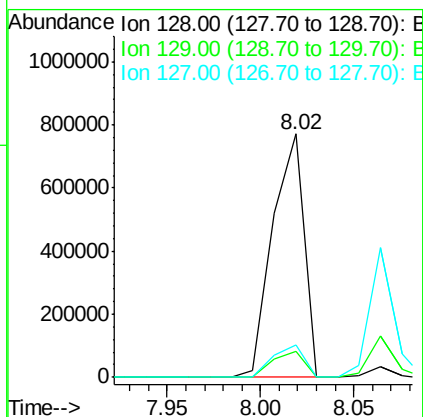
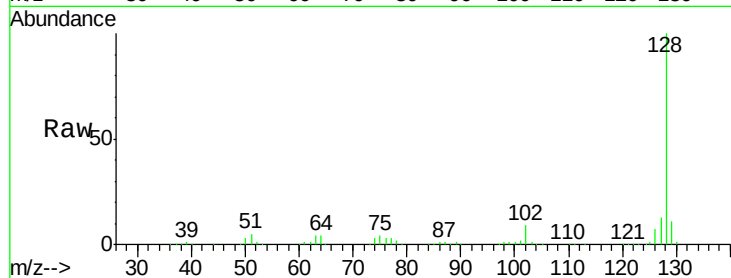




#31
Naphthalene
Concen: 40.03 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

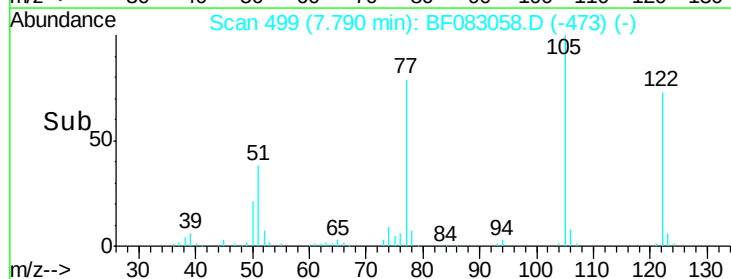
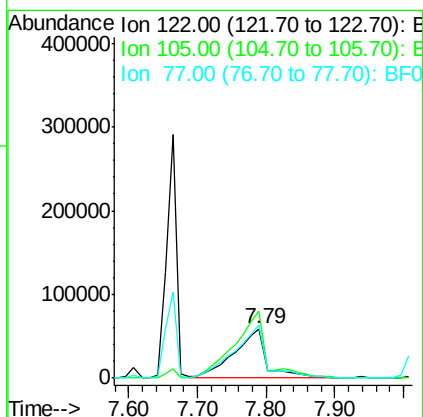
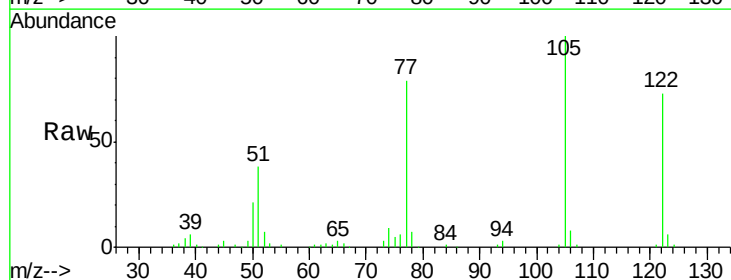
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

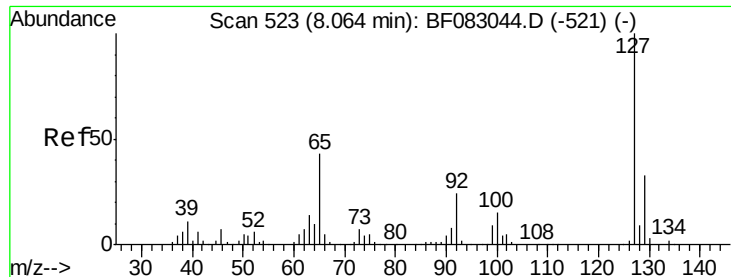
Tgt Ion:128 Resp: 903899
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 45.68 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

Tgt Ion:122 Resp: 191705
Ion Ratio Lower Upper
122 100
105 136.3 115.0 155.0
77 107.9 89.0 129.0

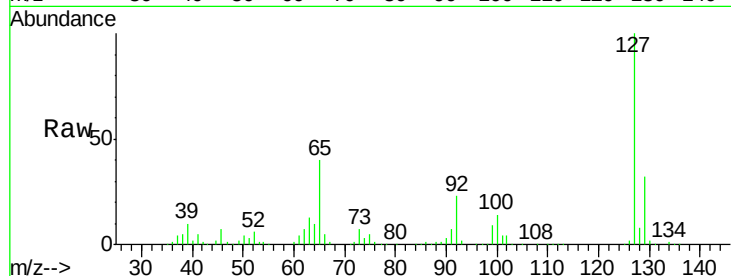




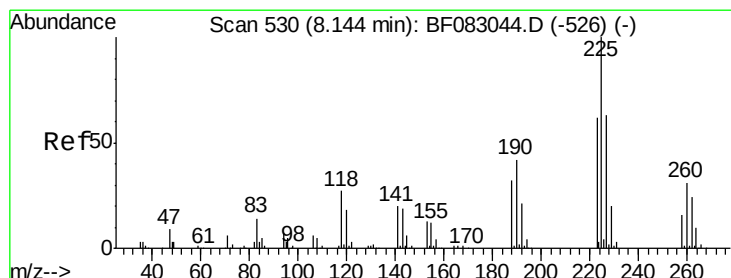
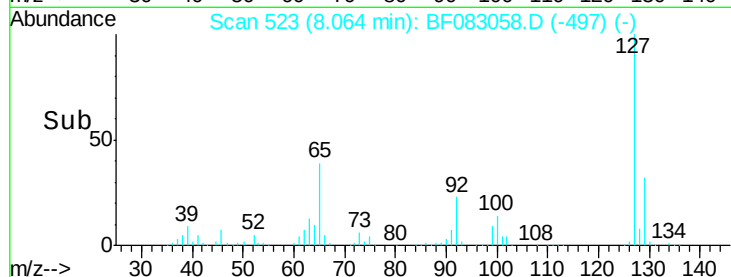
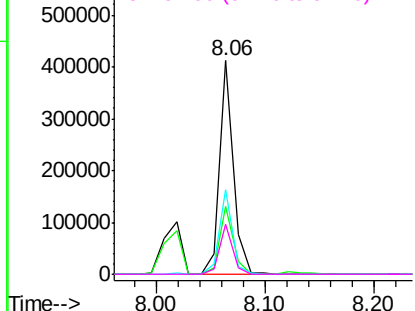
#33
4-Chloroaniline
Concen: 37.35 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	366847
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	39.6	34.4	51.6
92	23.4	19.5	29.3

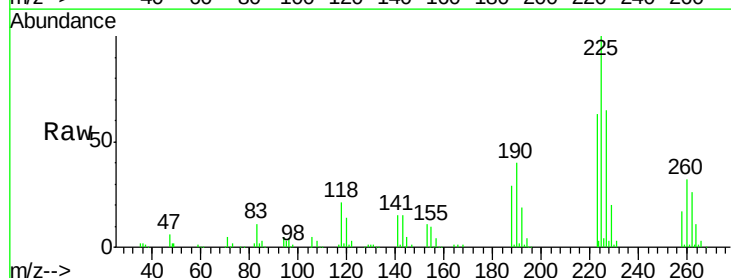


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

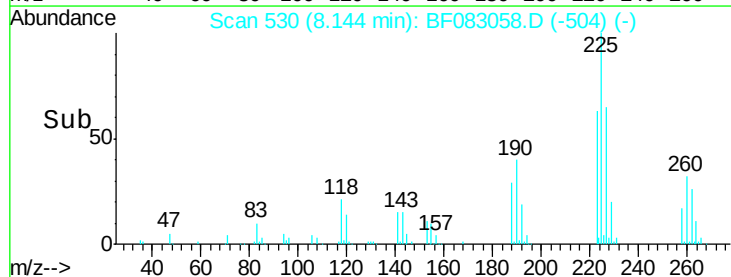
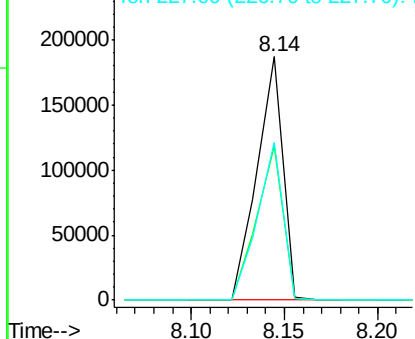


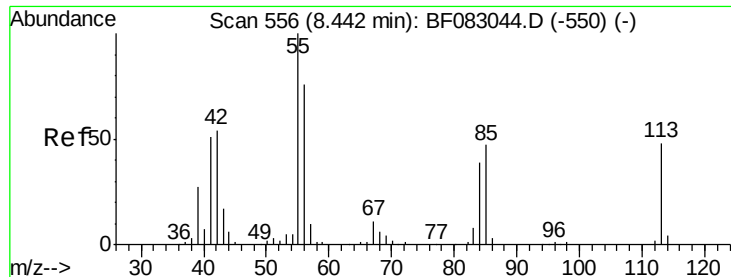
#34
Hexachlorobutadiene
Concen: 39.47 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

Tgt Ion:	225	Resp:	182717
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.6
227	64.7	50.6	76.0



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

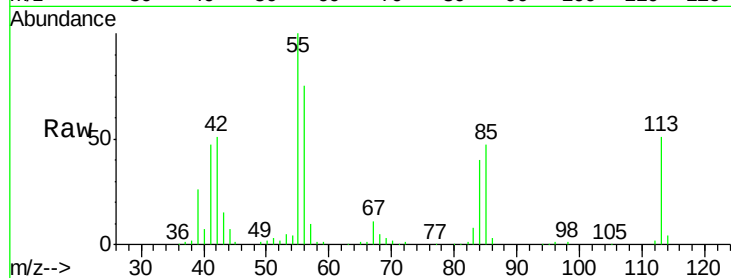




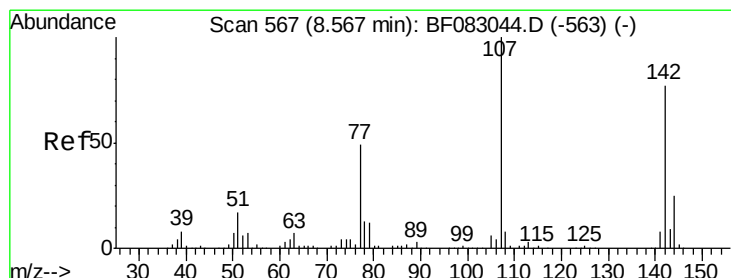
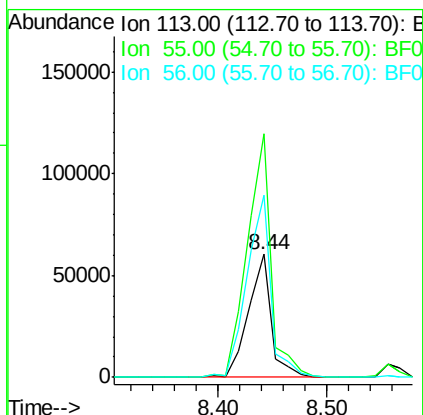
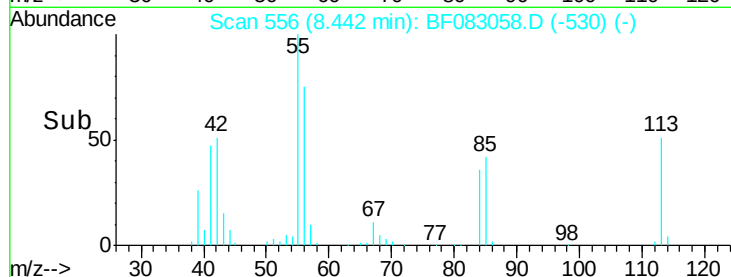
#35
 Caprolactam
 Concen: 41.58 ng
 RT: 8.44 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 88428
 Ion Ratio Lower Upper
 113 100
 55 197.5 189.1 229.1
 56 148.3 137.9 177.9

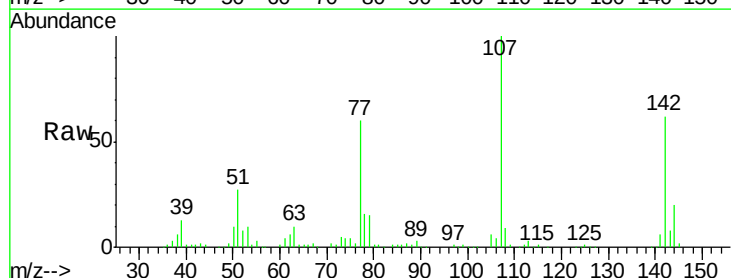


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

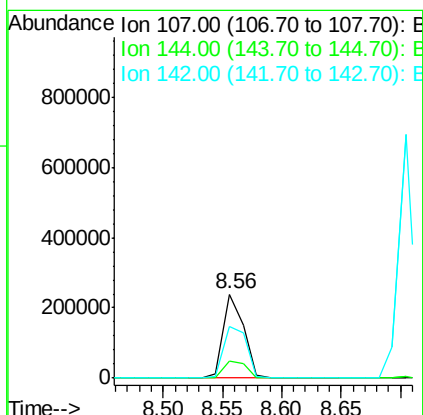
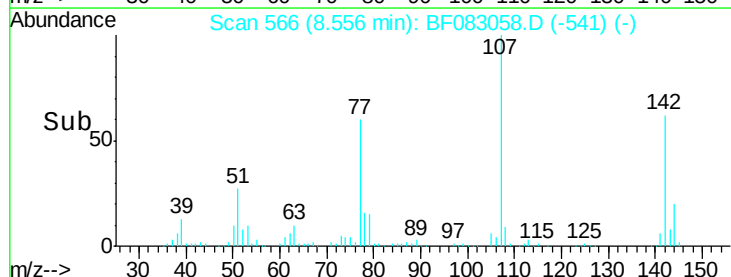


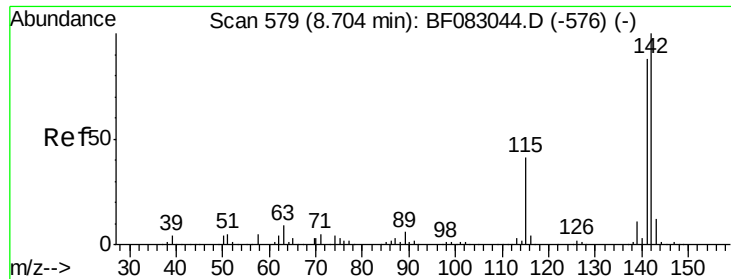
#36
 4-Chloro-3-methylphenol
 Concen: 36.74 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Tgt Ion:107 Resp: 284091
 Ion Ratio Lower Upper
 107 100
 144 19.9 20.0 30.0#
 142 62.1 61.3 91.9



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

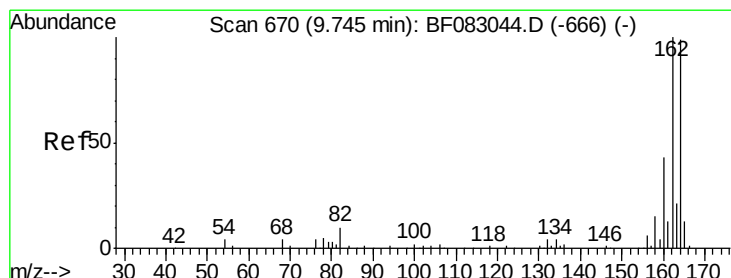
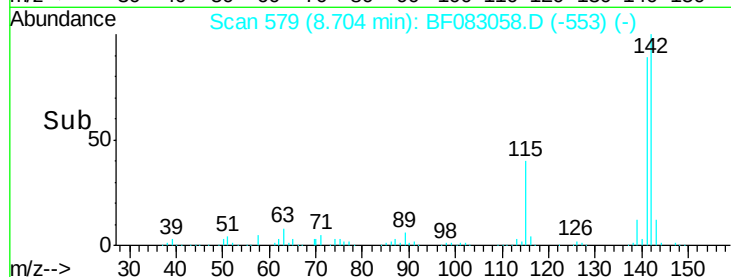
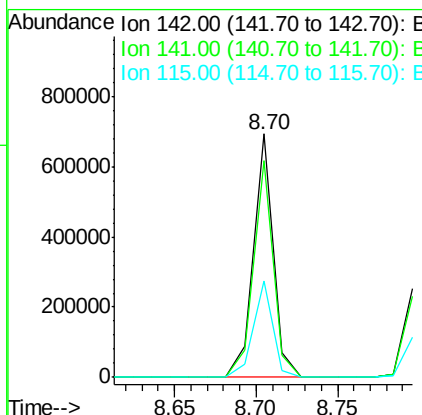
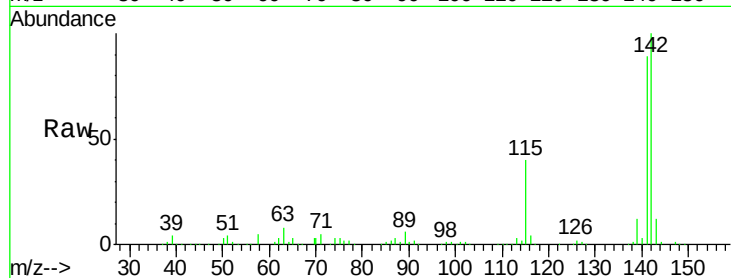




#37
 2-Methylnaphthalene
 Concen: 39.05 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

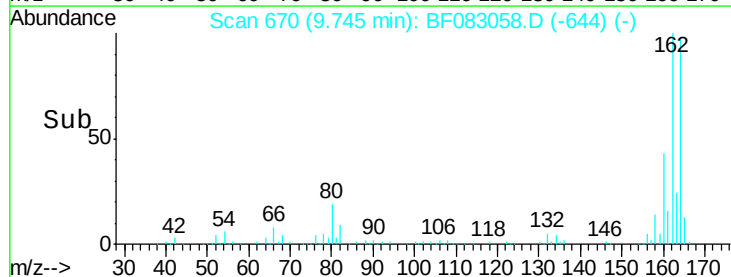
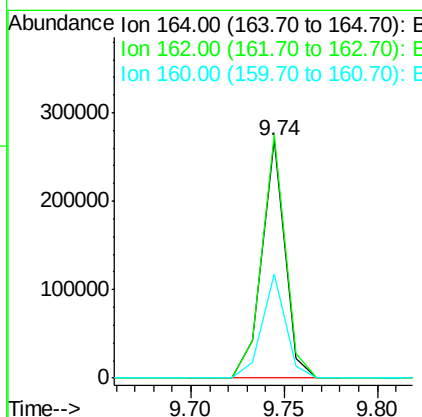
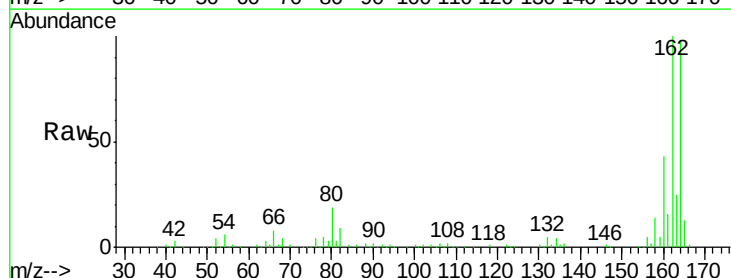
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

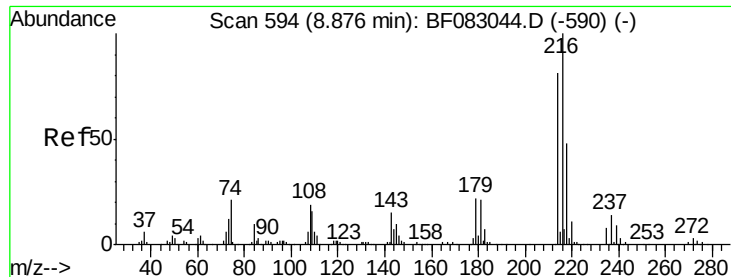
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.7	106.1
115	39.8	33.1	49.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.5	120.7
160	43.8	35.0	52.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.03 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 302839

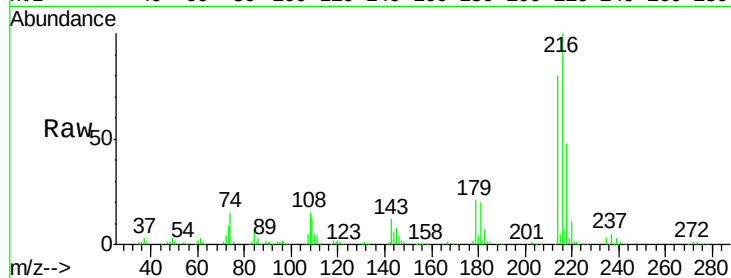
Ion Ratio Lower Upper

216 100

214 80.0 64.6 97.0

179 22.0 17.8 26.6

108 19.2 16.8 25.2

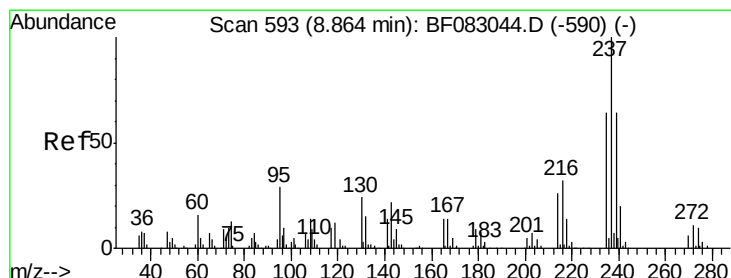
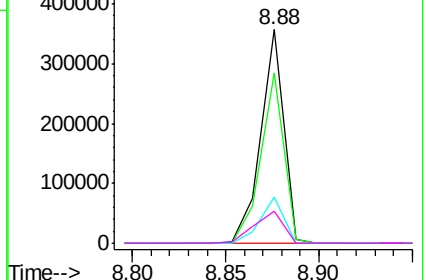
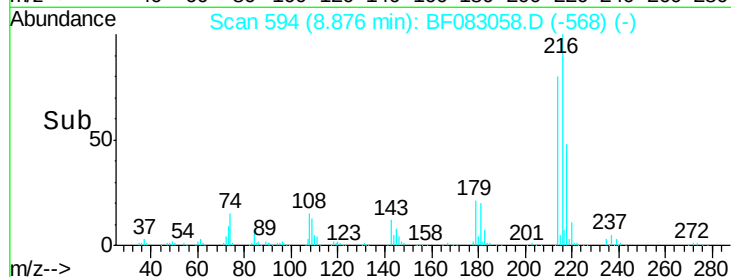


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.18 ng

RT: 8.86 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

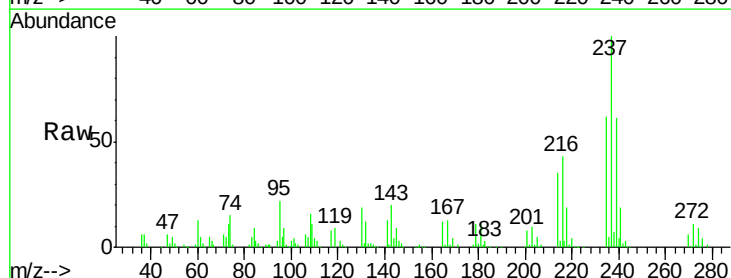
Tgt Ion:237 Resp: 141640

Ion Ratio Lower Upper

237 100

235 61.7 44.1 84.1

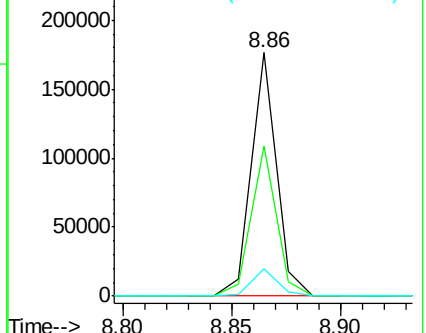
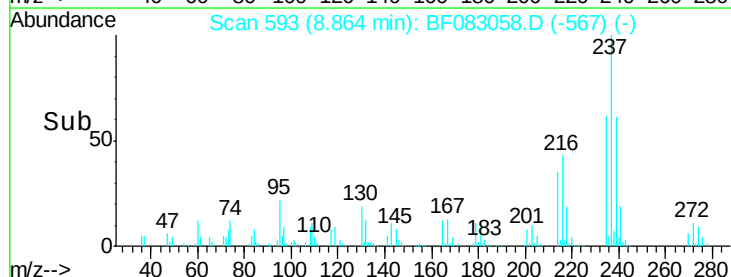
272 11.3 0.0 30.9

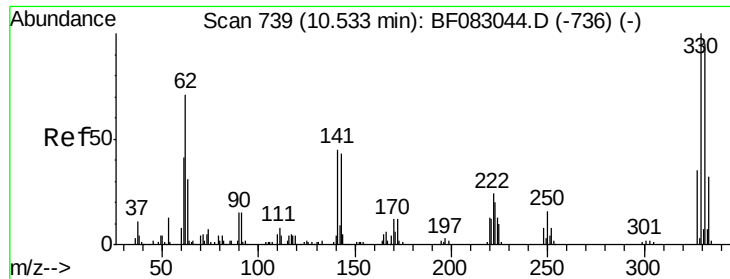


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

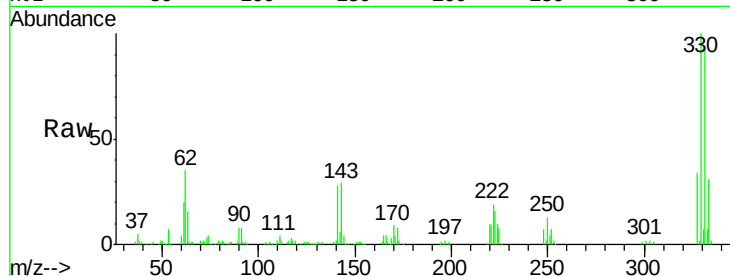




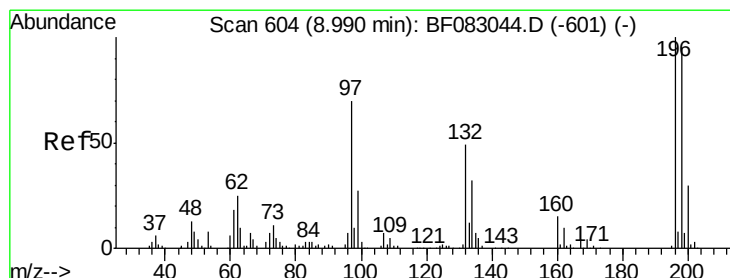
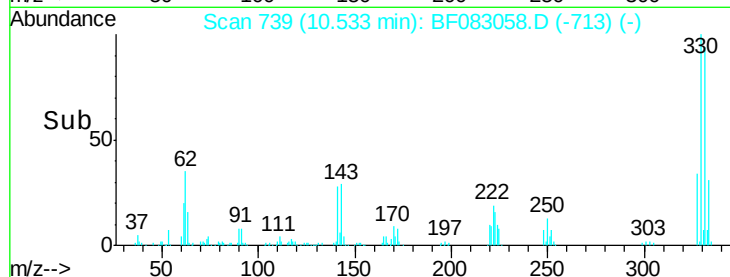
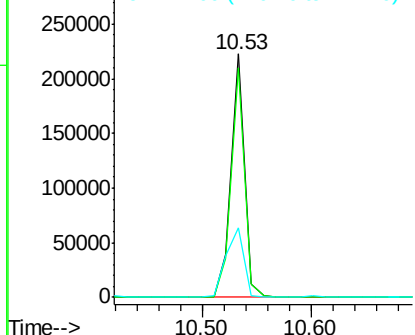
#41
 2,4,6-Tribromophenol
 Concen: 78.51 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.6	116.4
141	37.1	34.6	52.0

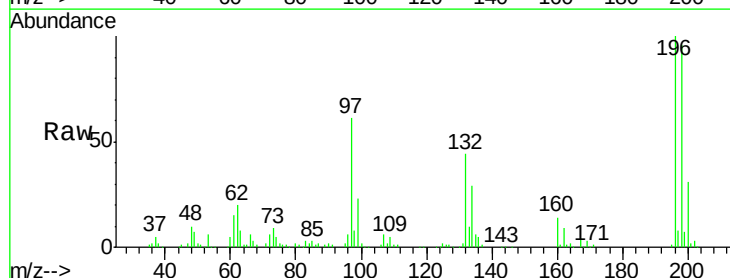


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

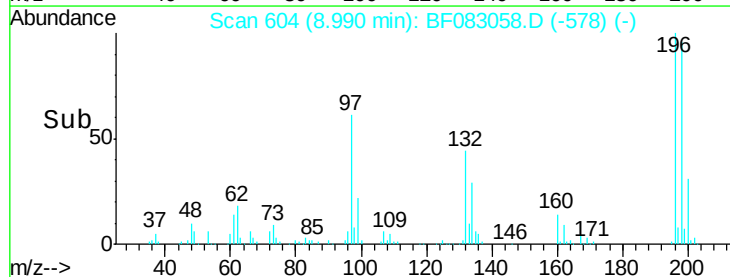
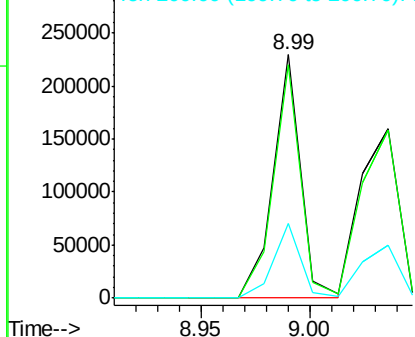


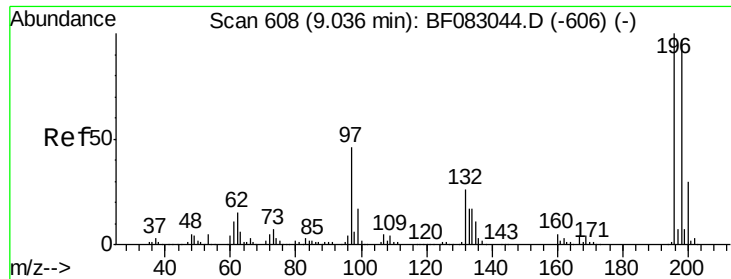
#42
 2,4,6-Trichlorophenol
 Concen: 37.21 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.9	113.9
200	30.6	24.0	36.0



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

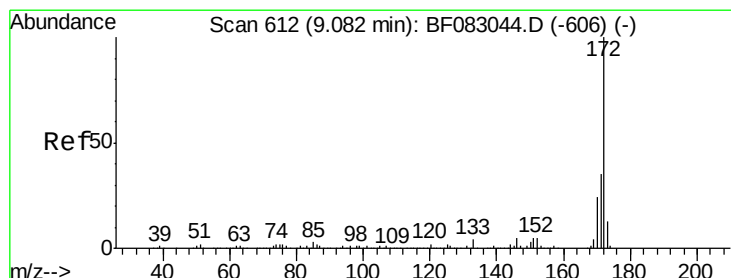
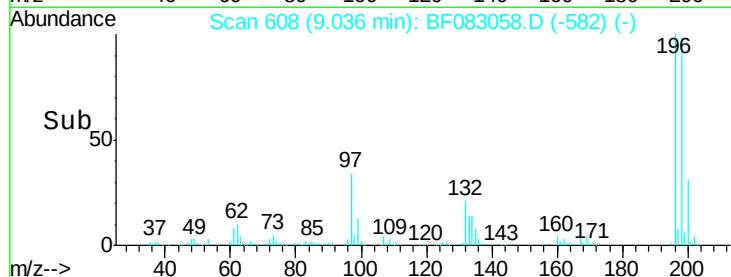
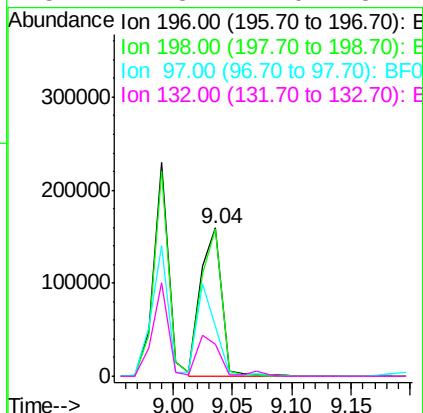
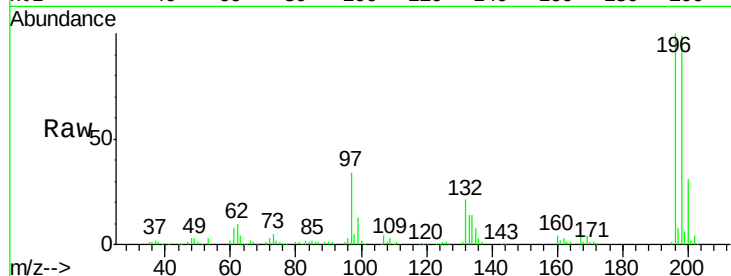




#43
 2,4,5-Trichlorophenol
 Concen: 36.22 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

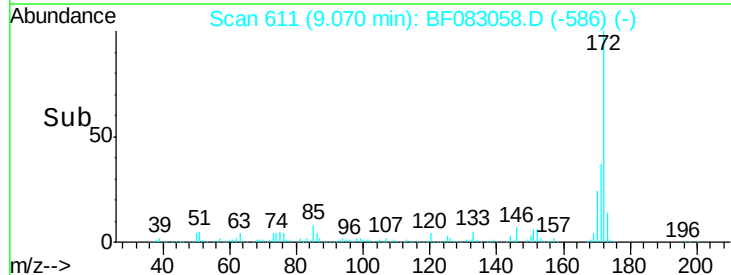
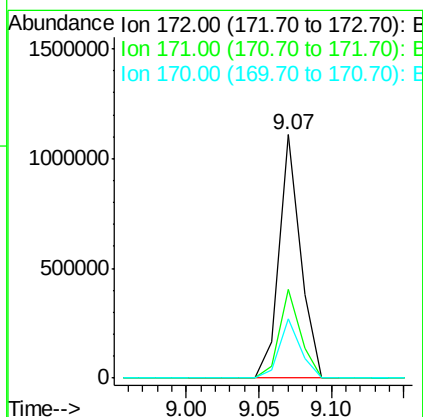
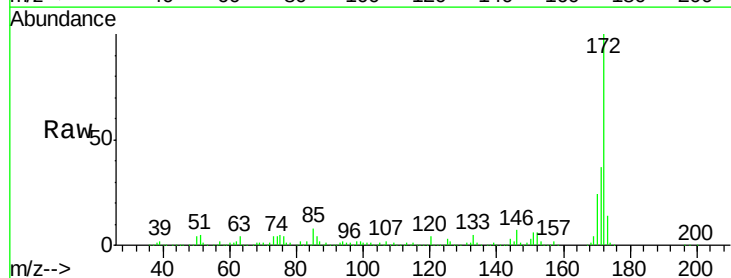
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

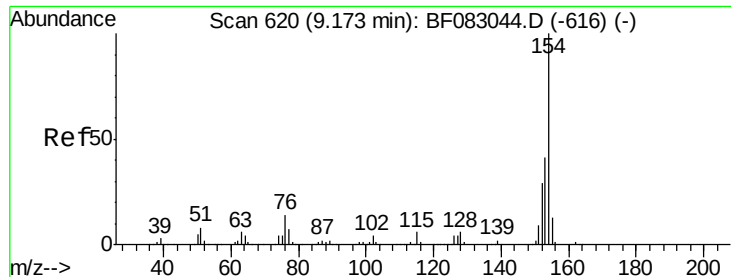
Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	77.8	116.6
97	33.5	37.1	55.7
132	21.3	21.0	31.4



#44
 2-Fluorobiphenyl
 Concen: 66.84 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.2	42.4
170	24.3	19.4	29.0

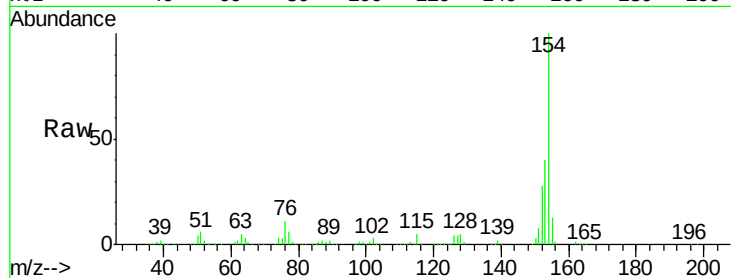




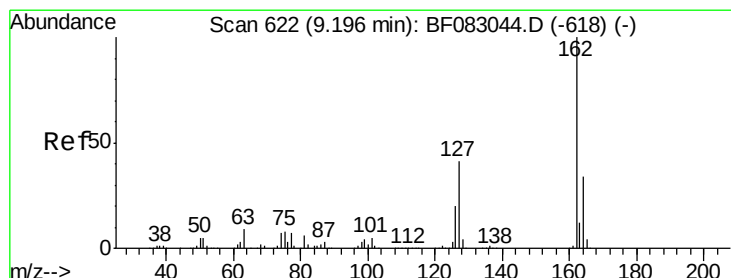
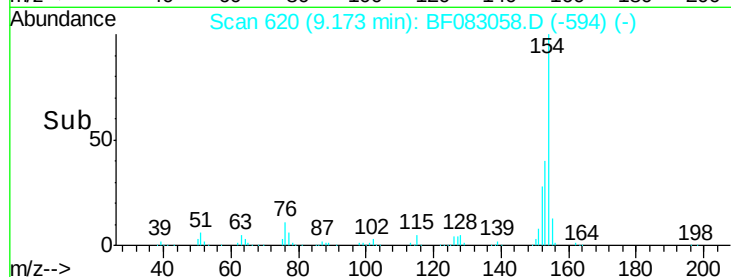
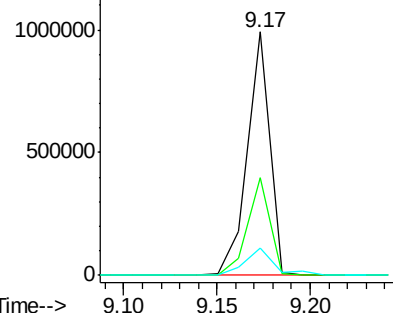
#45
 1,1'-Biphenyl
 Concen: 40.35 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.7	60.7
76	11.1	0.0	34.0

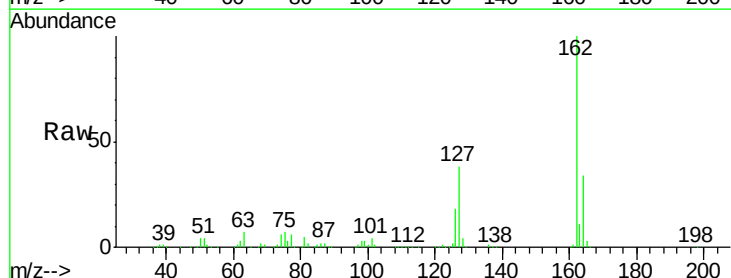


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

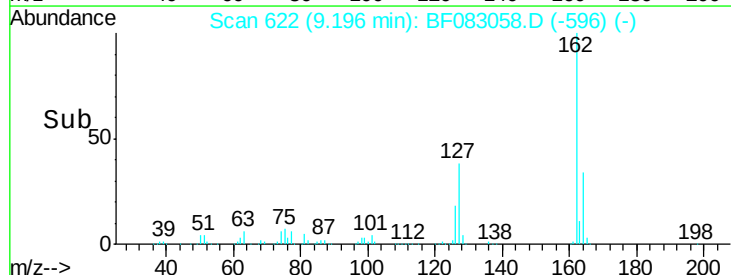
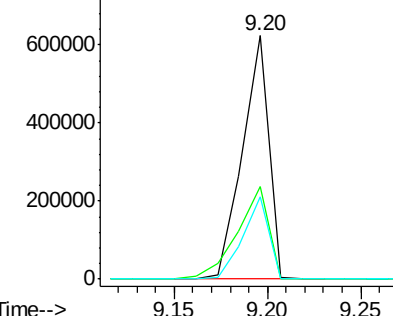


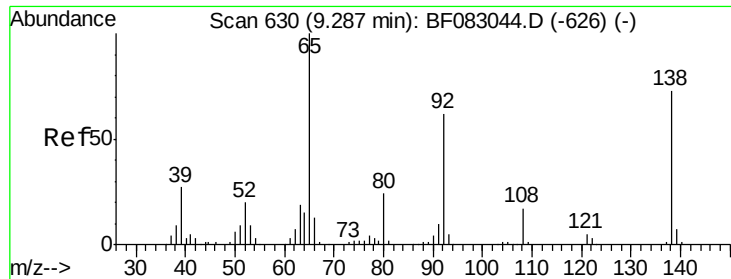
#46
 2-Chloronaphthalene
 Concen: 40.34 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.8	49.2
164	34.0	26.9	40.3



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

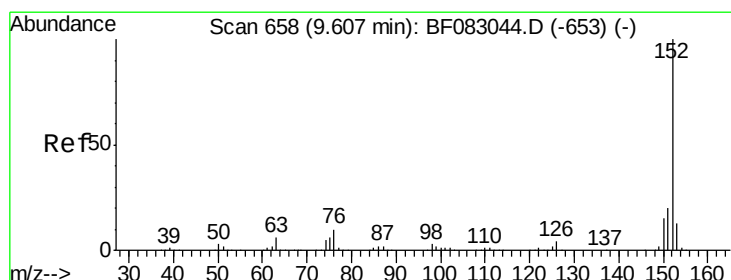
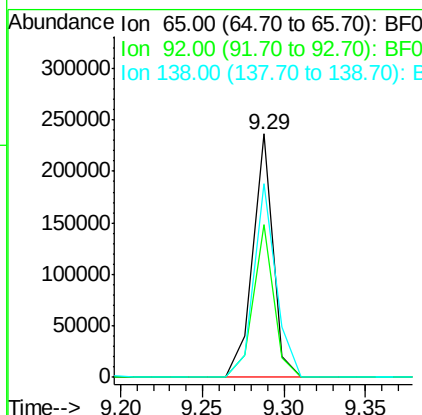
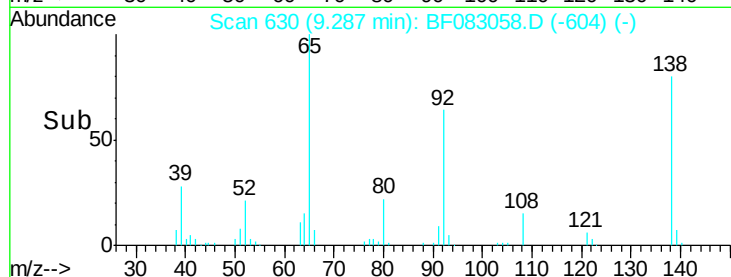
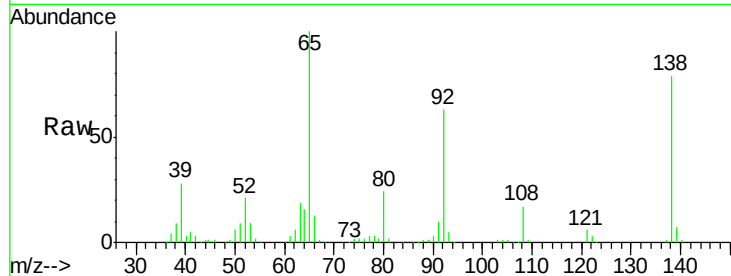




#47
 2-Nitroaniline
 Concen: 35.24 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

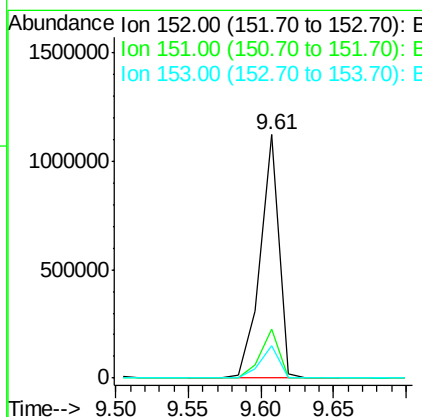
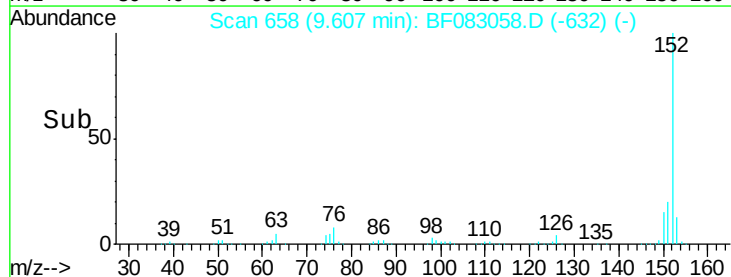
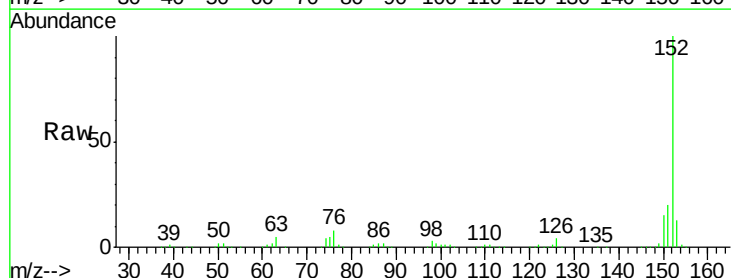
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

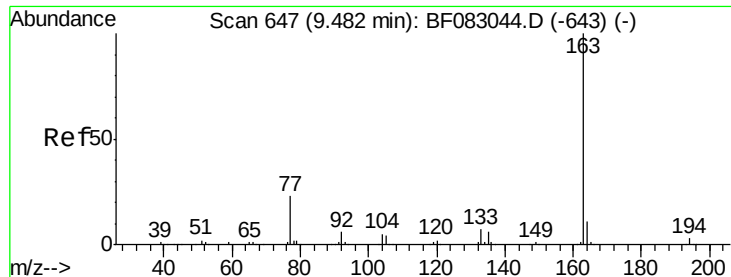
Tgt Ion: 65 Resp: 204166
 Ion Ratio Lower Upper
 65 100
 92 63.0 49.6 74.4
 138 79.3 58.8 88.2



#48
 Acenaphthylene
 Concen: 39.65 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Tgt Ion: 152 Resp: 1002181
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.2 24.2
 153 13.4 10.6 15.8

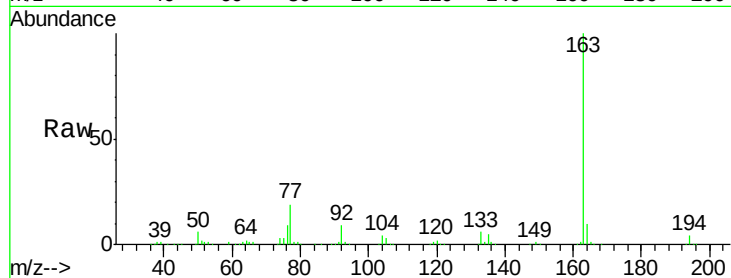




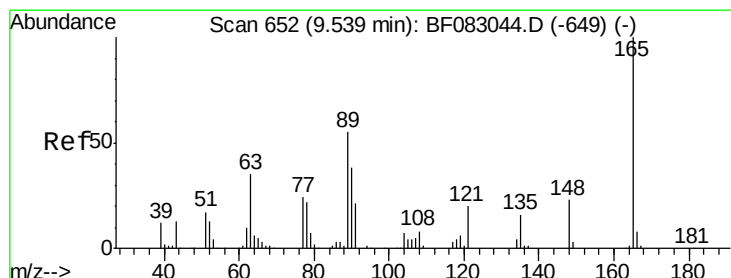
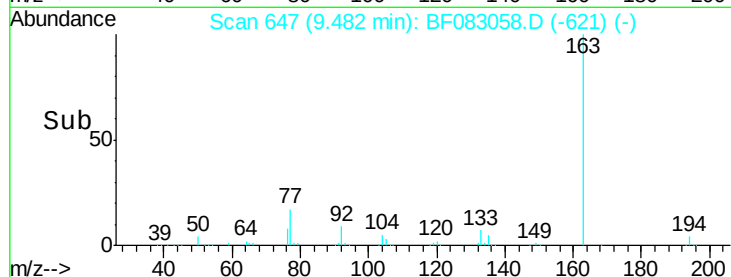
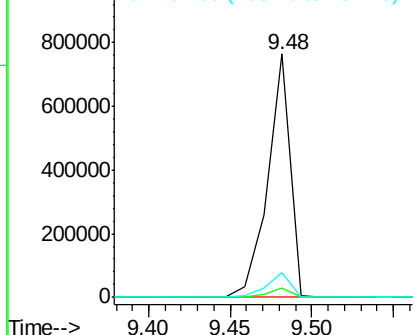
#49
Dimethylphthalate
Concen: 38.74 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 731377
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 8.5 12.7

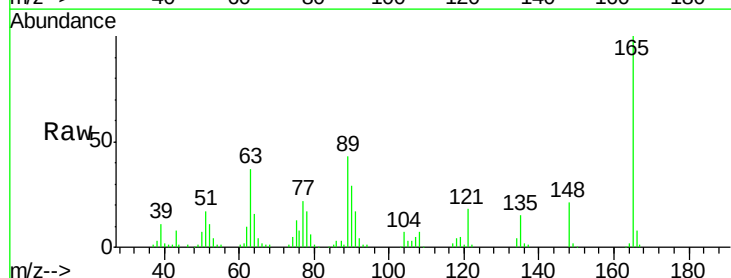


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

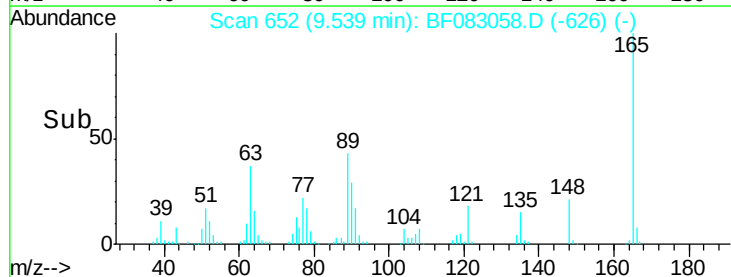
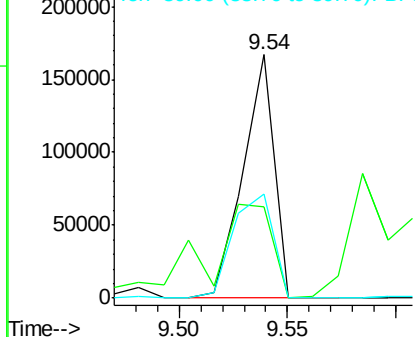


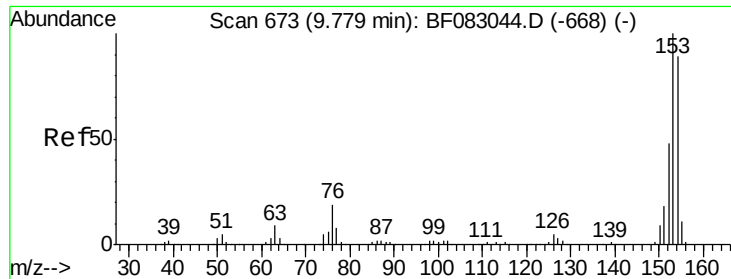
#50
2,6-Dinitrotoluene
Concen: 40.58 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

Tgt Ion:165 Resp: 165150
Ion Ratio Lower Upper
165 100
63 37.3 40.6 61.0#
89 42.9 44.5 66.7#



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





#51

Acenaphthene

Concen: 38.15 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

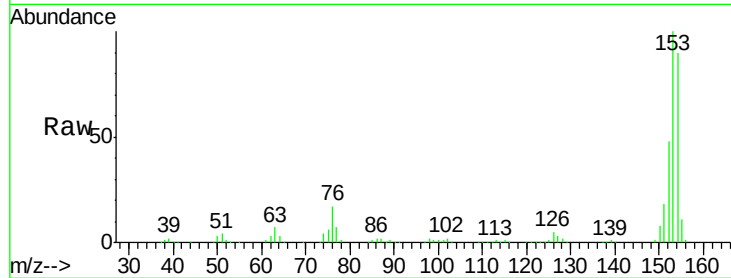
Tgt Ion:154 Resp: 609477

Ion Ratio Lower Upper

154 100

153 111.7 90.1 135.1

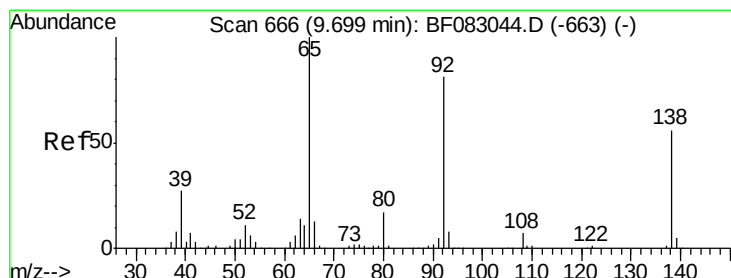
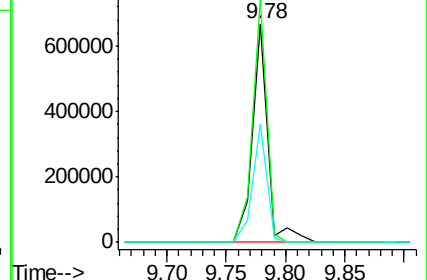
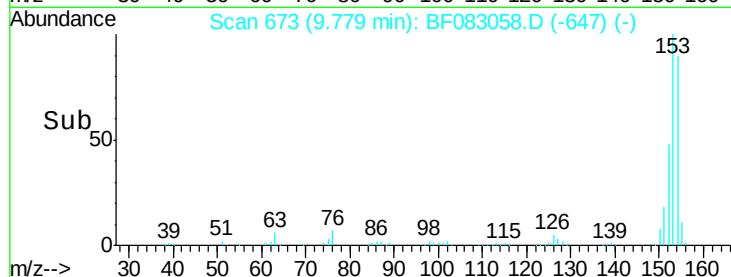
152 54.1 43.3 64.9



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: 32.82 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

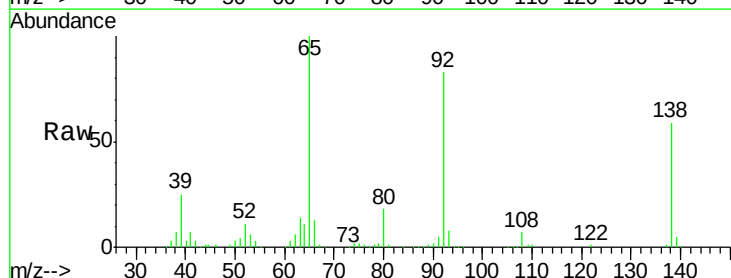
Tgt Ion:138 Resp: 152378

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

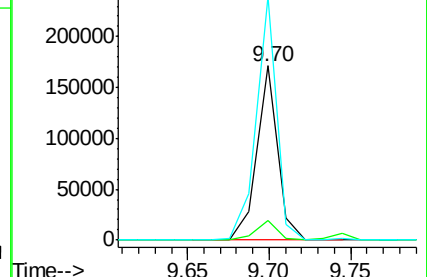
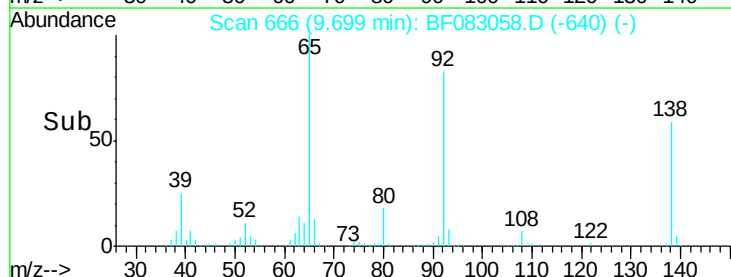
92 139.8 115.2 172.8

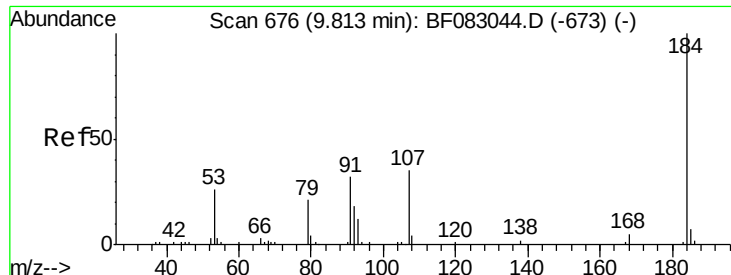


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

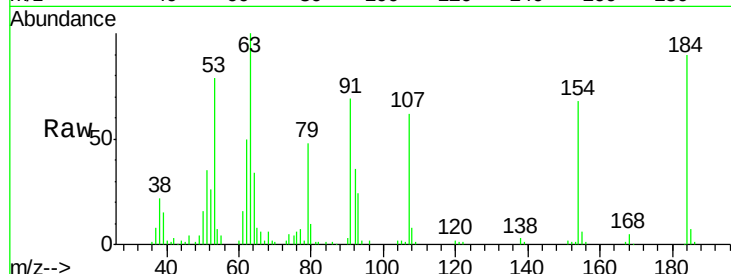




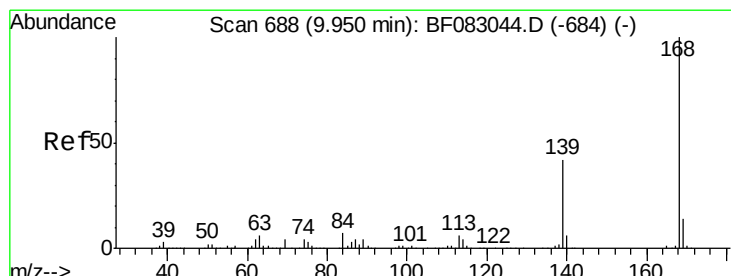
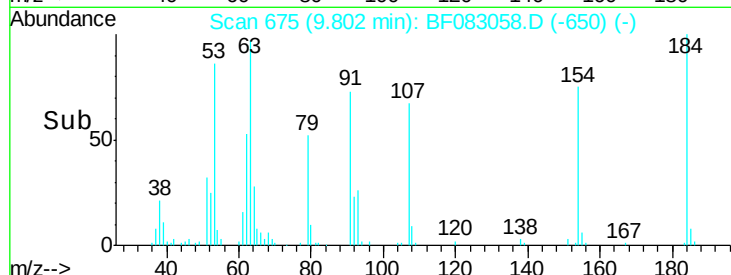
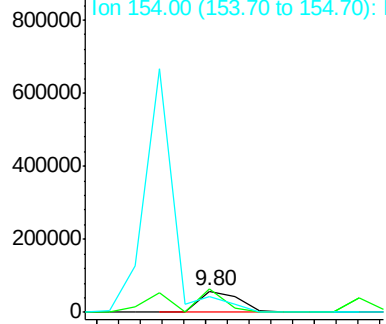
#53
 2,4-Dinitrophenol
 Concen: 35.46 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 73541
 Ion Ratio Lower Upper
 184 100
 63 110.8 30.4 45.6#
 154 75.0 44.9 67.3#

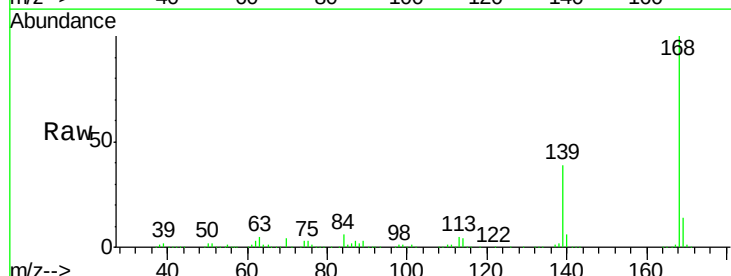


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

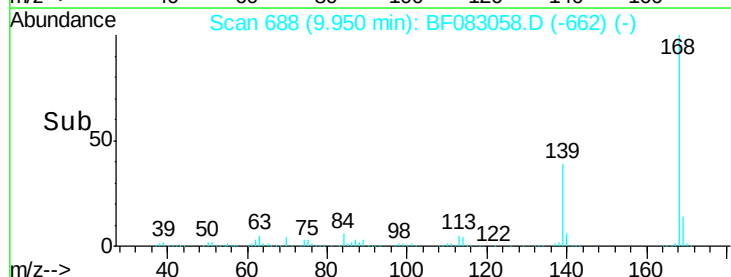
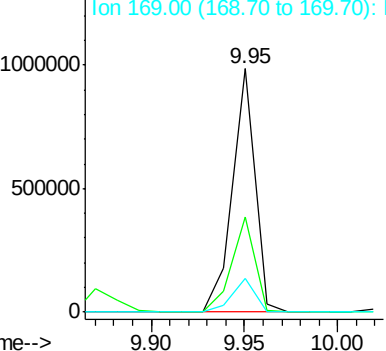


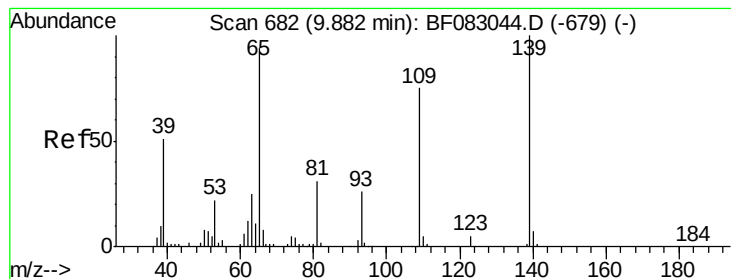
#54
 Dibenzofuran
 Concen: 38.42 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Tgt Ion:168 Resp: 822470
 Ion Ratio Lower Upper
 168 100
 139 39.3 33.5 50.3
 169 13.7 11.2 16.8



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





#55

4-Nitrophenol

Concen: 33.41 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

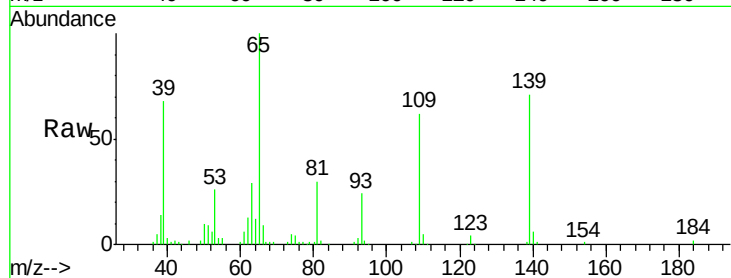
Tgt Ion:139 Resp: 106460

Ion Ratio Lower Upper

139 100

109 87.0 54.6 94.6

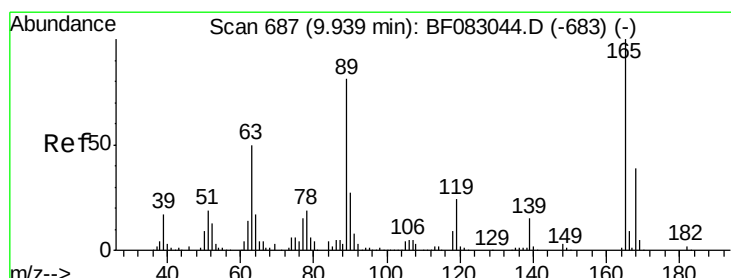
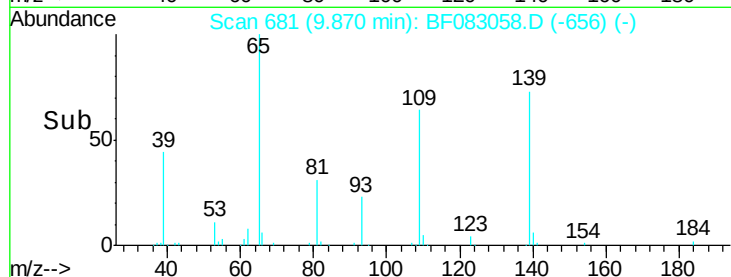
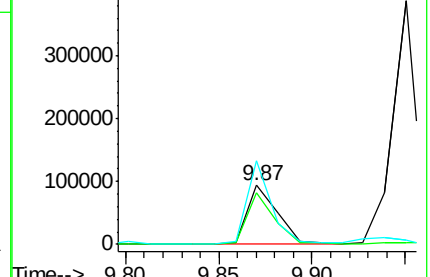
65 141.4 74.4 114.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.92 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Tgt Ion:165 Resp: 228355

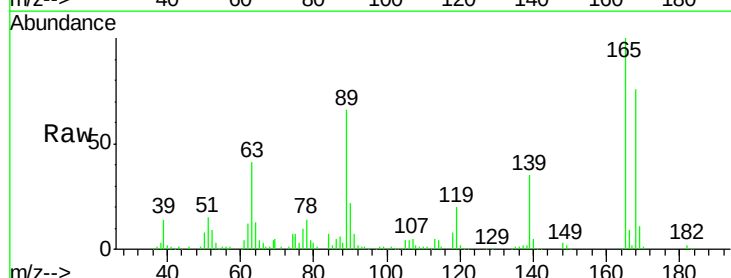
Ion Ratio Lower Upper

165 100

63 41.3 40.6 61.0

89 65.6 64.4 96.6

182 2.2 1.6 2.4

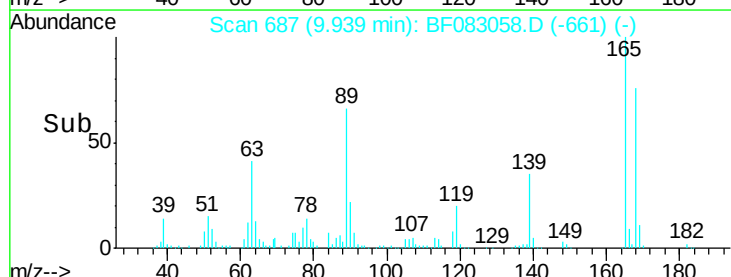
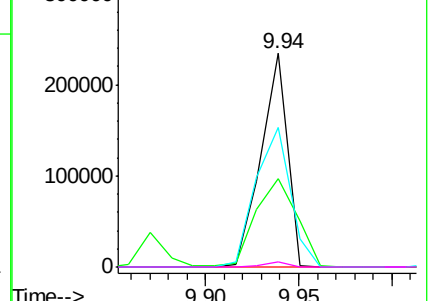


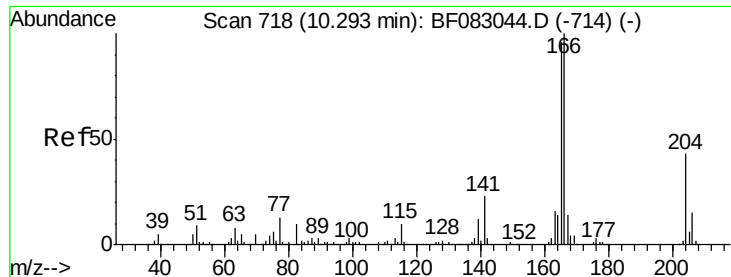
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.44 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

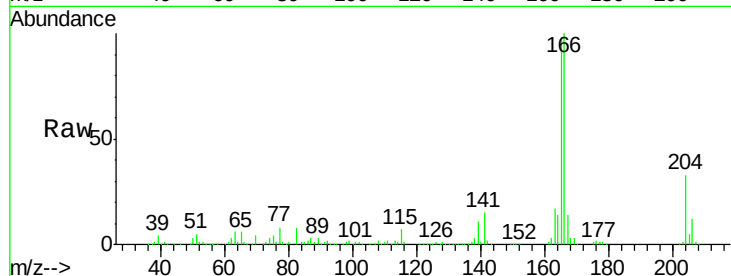
Tgt Ion:166 Resp: 679378

Ion Ratio Lower Upper

166 100

165 98.3 77.1 115.7

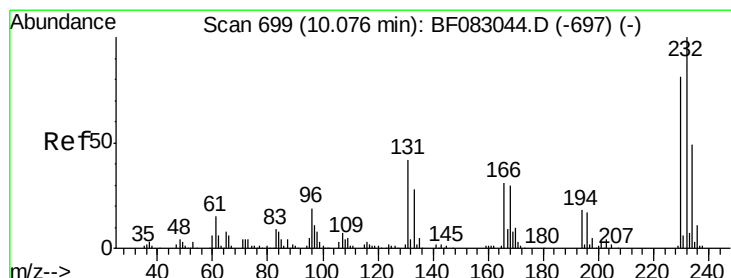
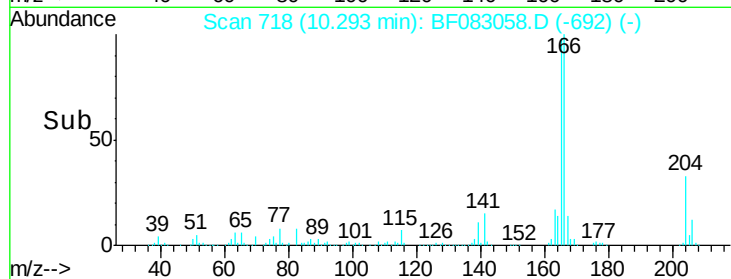
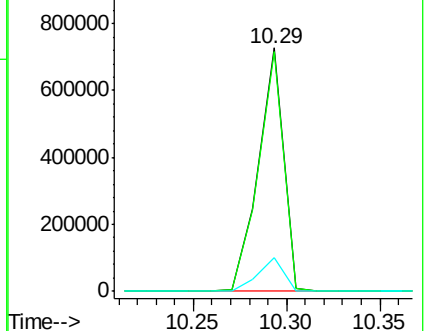
167 13.7 11.0 16.4



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: 39.58 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Tgt Ion:232 Resp: 175105

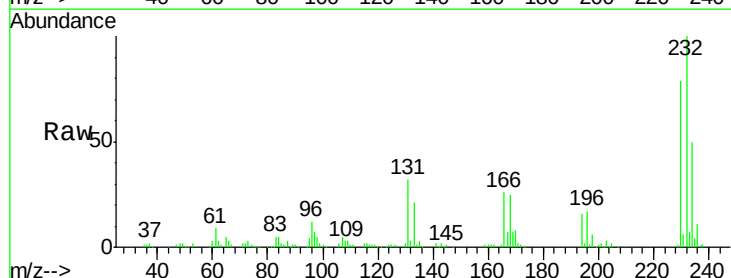
Ion Ratio Lower Upper

232 100

131 43.9 36.5 54.7

130 2.2 1.8 2.6

166 30.4 25.4 38.0

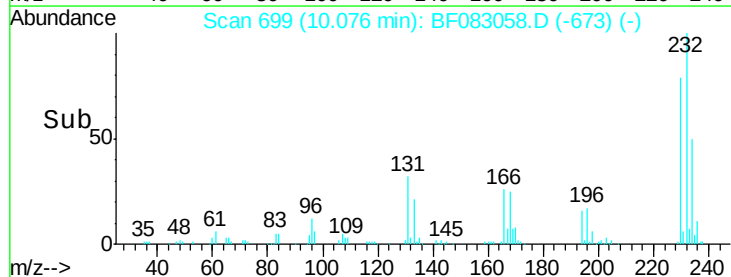
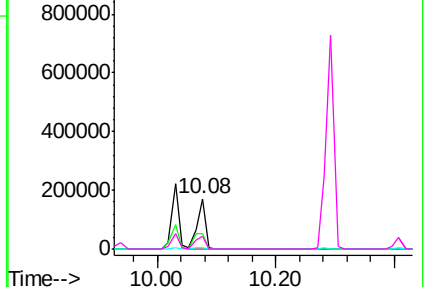


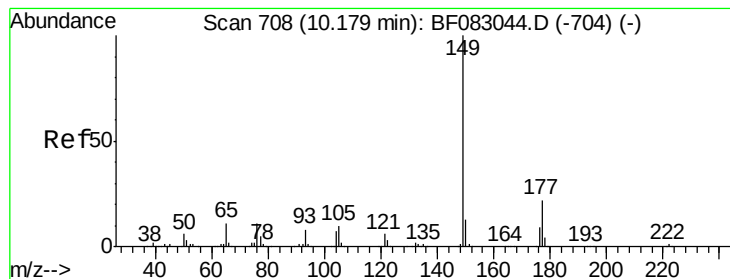
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.59 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

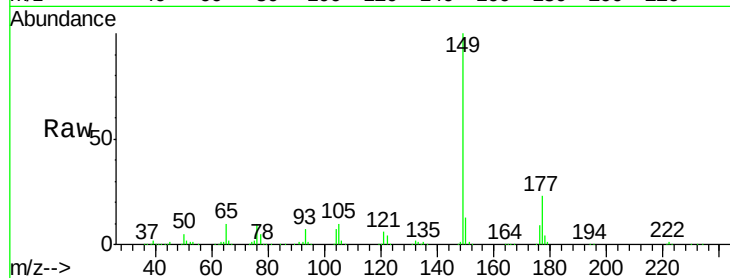
Tgt Ion:149 Resp: 710624

Ion Ratio Lower Upper

149 100

177 22.9 17.4 26.2

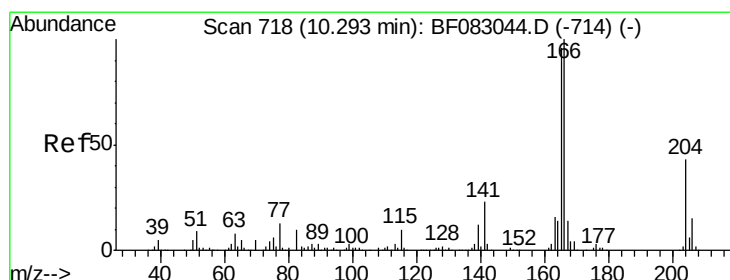
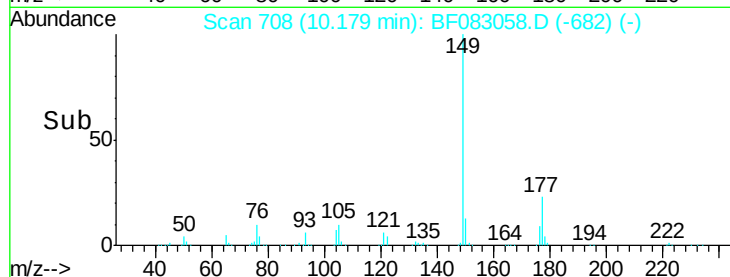
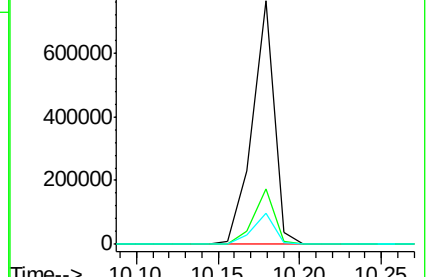
150 12.7 10.2 15.2



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: 36.05 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

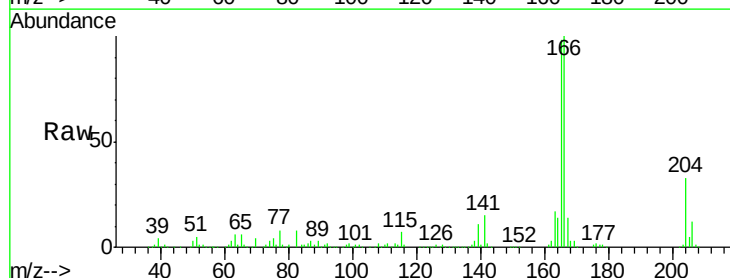
Tgt Ion:204 Resp: 290855

Ion Ratio Lower Upper

204 100

206 35.5 28.2 42.4

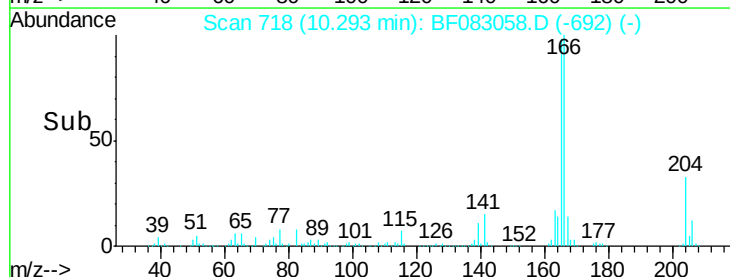
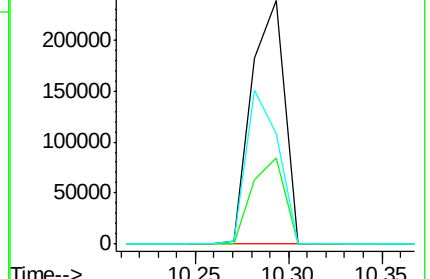
141 45.1 41.8 62.8

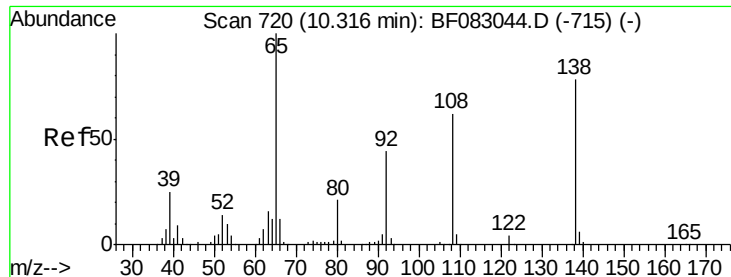


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

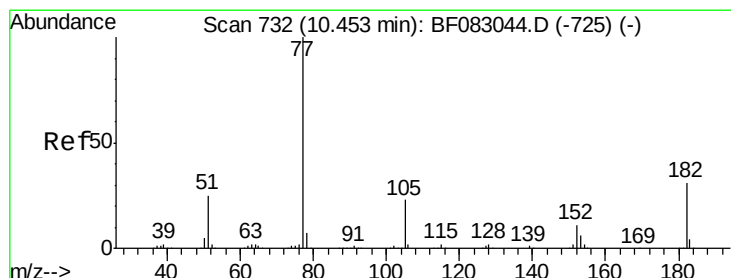
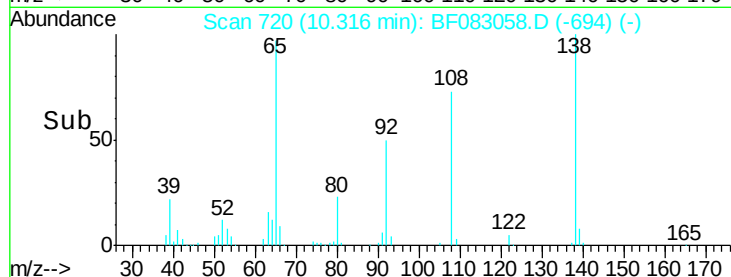
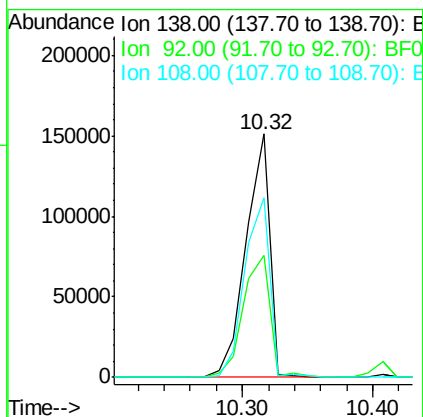
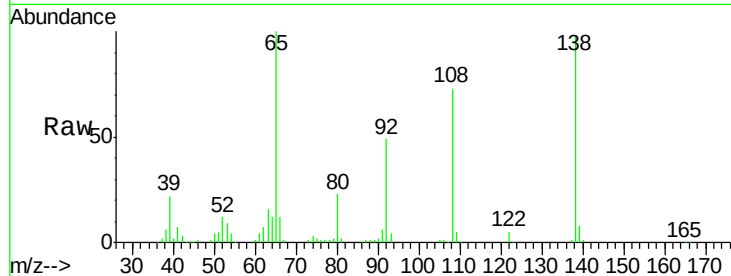




#61
4-Nitroaniline
Concen: 40.39 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

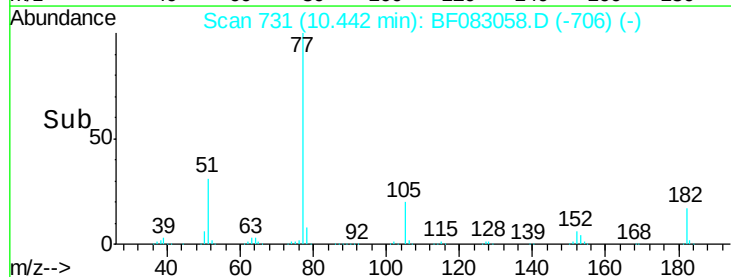
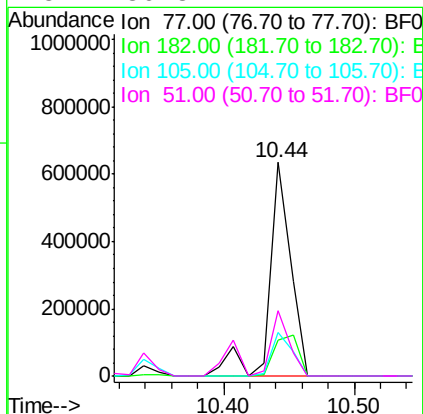
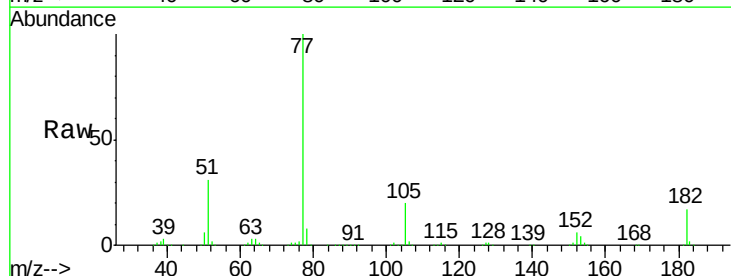
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

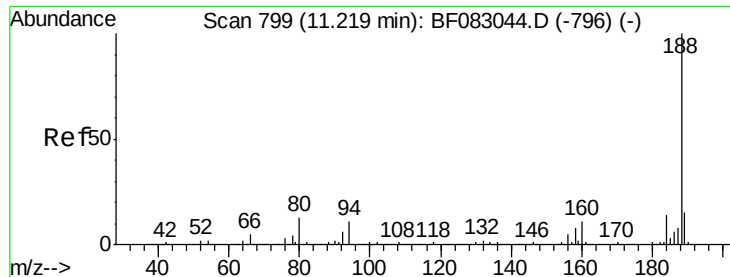
Tgt Ion:138 Resp: 191508
Ion Ratio Lower Upper
138 100
92 50.0 36.4 76.4
108 74.0 59.6 99.6



#62
Azobenzene
Concen: 35.65 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

Tgt Ion: 77 Resp: 735347
Ion Ratio Lower Upper
77 100
182 16.5 10.8 50.8
105 20.1 3.4 43.4
51 30.8 4.7 44.7

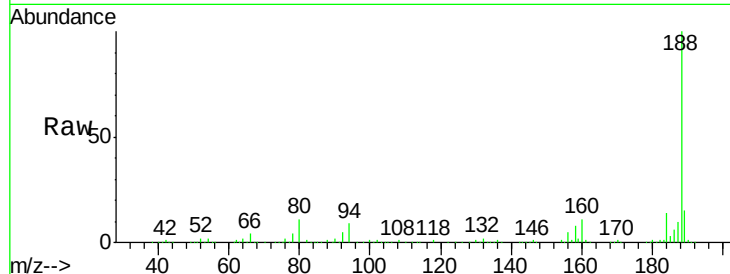




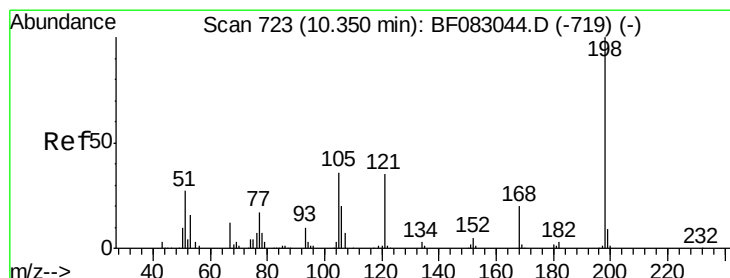
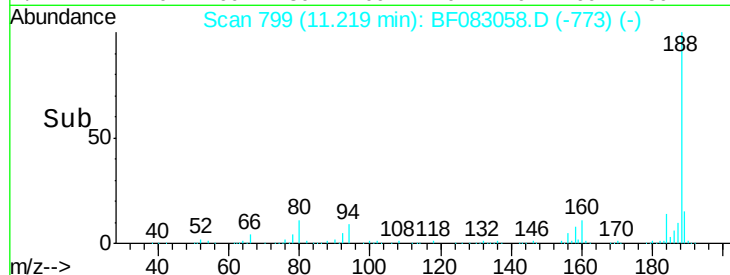
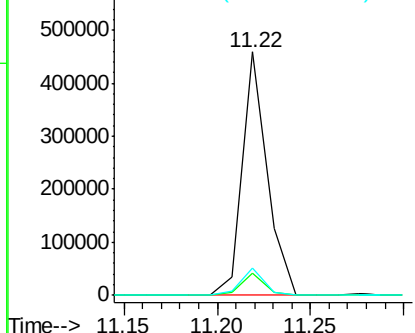
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 426102
Ion Ratio Lower Upper
188 100
94 9.2 9.0 13.4
80 11.1 10.2 15.4

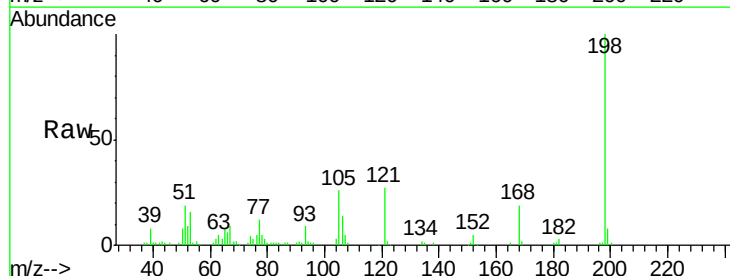


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

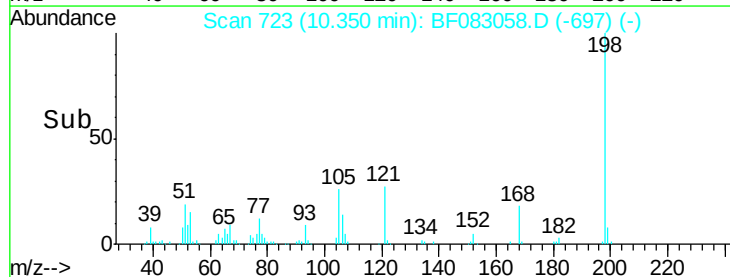
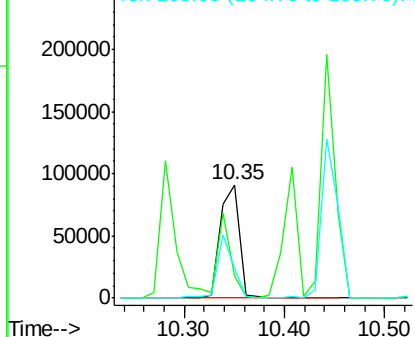


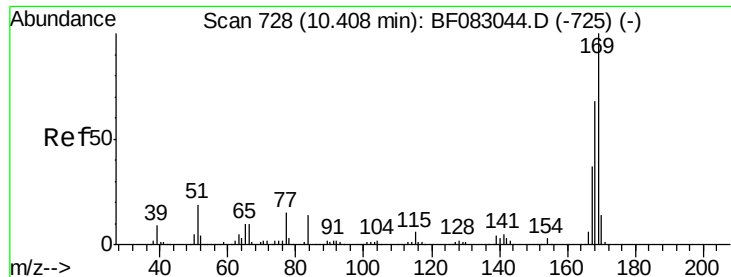
#64
4,6-Dinitro-2-methylphenol
Concen: 43.93 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

Tgt Ion:198 Resp: 119353
Ion Ratio Lower Upper
198 100
51 19.3 11.1 51.1
105 25.9 16.5 56.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.03 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

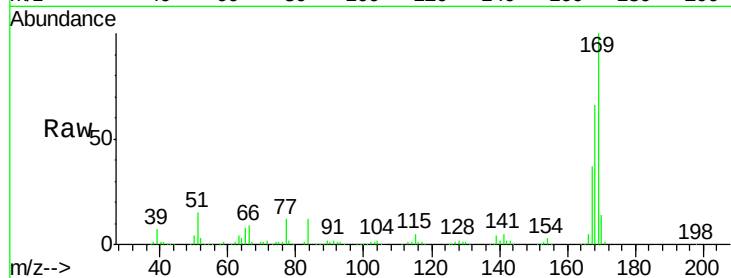
Tgt Ion:169 Resp: 597745

Ion Ratio Lower Upper

169 100

168 65.5 54.2 81.2

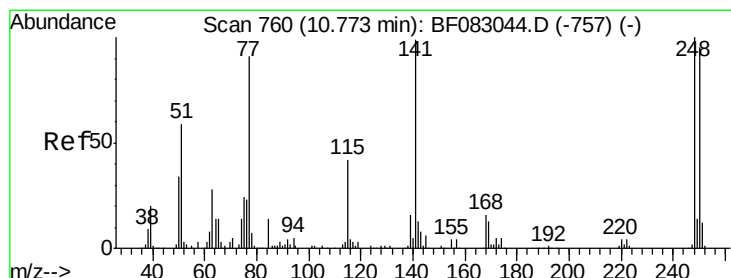
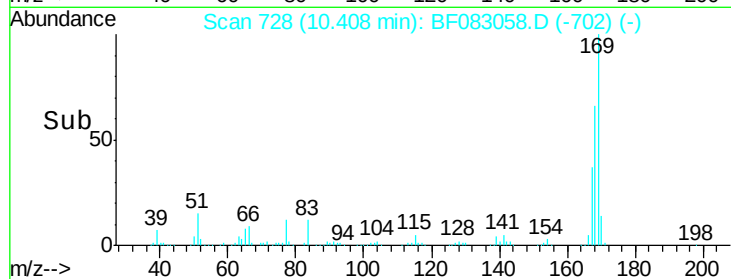
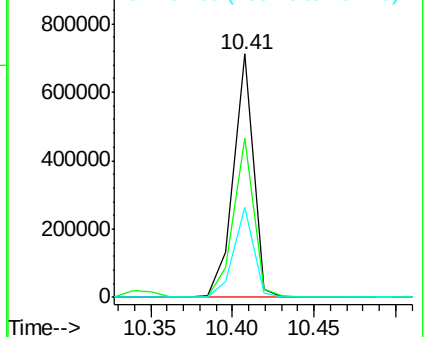
167 36.8 29.5 44.3



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: 38.03 ng

RT: 10.77 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

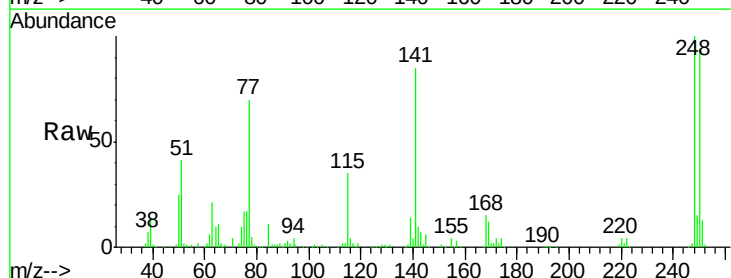
Tgt Ion:248 Resp: 187680

Ion Ratio Lower Upper

248 100

250 94.4 76.1 114.1

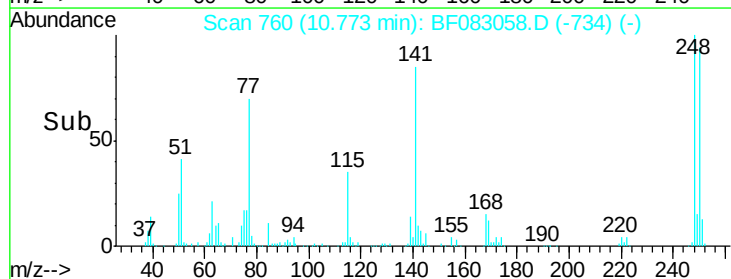
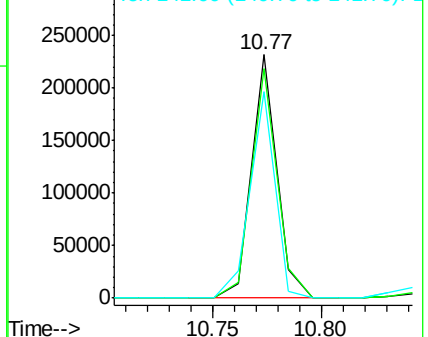
141 84.9 79.2 118.8

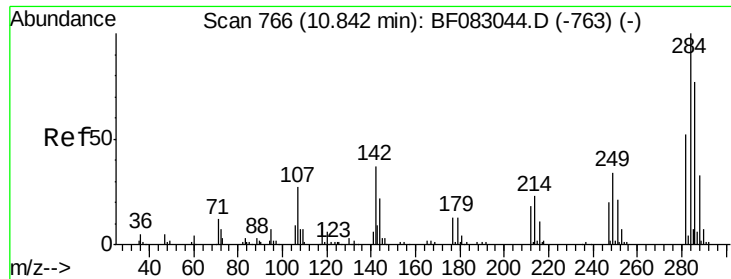


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.16 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

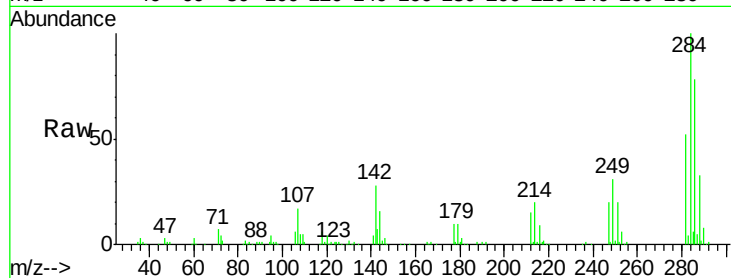
Tgt Ion:284 Resp: 222202

Ion Ratio Lower Upper

284 100

142 28.0 29.5 44.3#

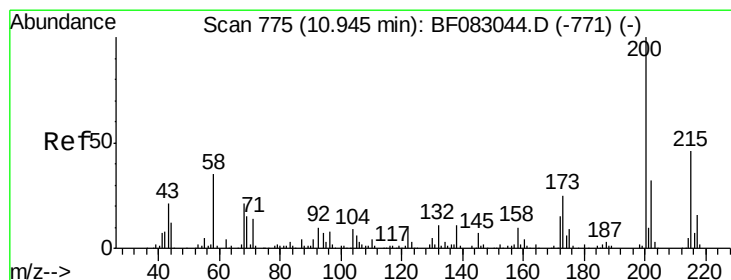
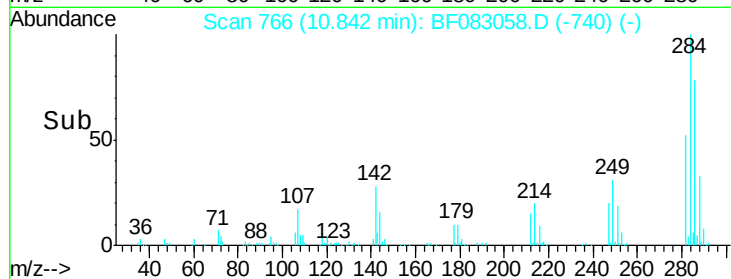
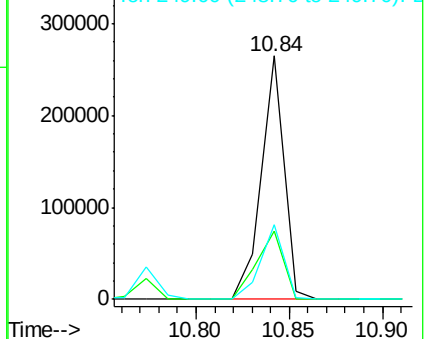
249 30.8 27.2 40.8



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: 35.63 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

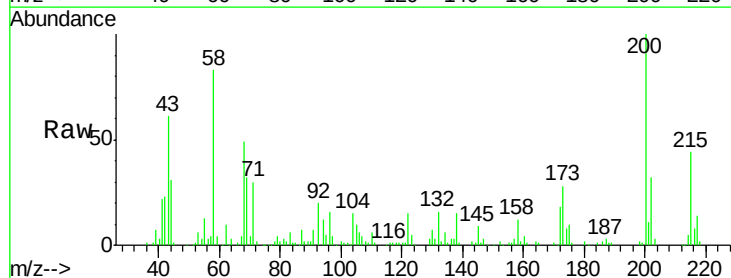
Tgt Ion:200 Resp: 166682

Ion Ratio Lower Upper

200 100

173 27.7 4.9 44.9

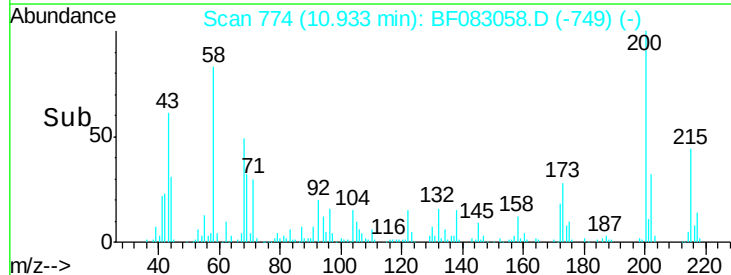
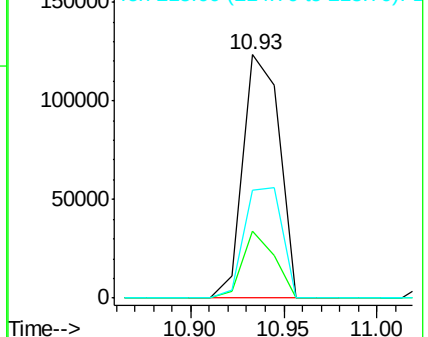
215 44.3 25.5 65.5

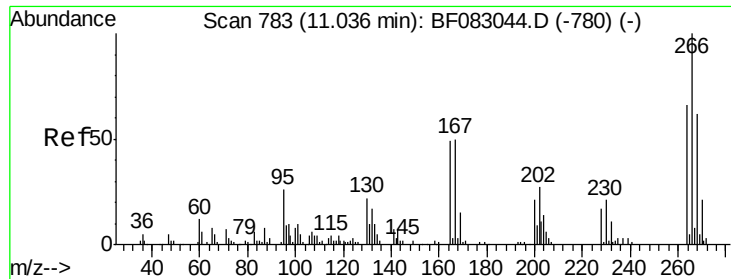


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

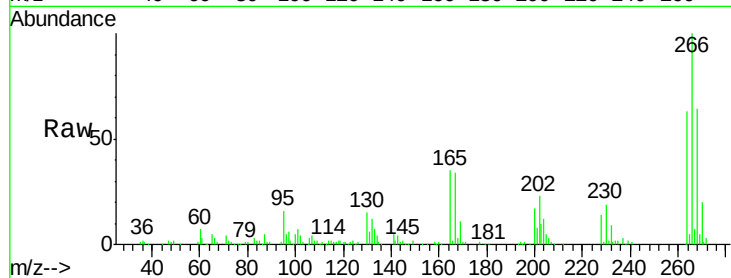




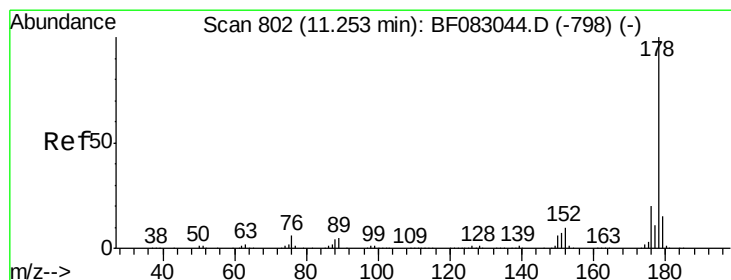
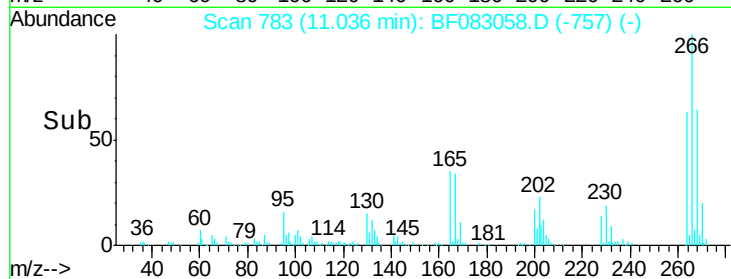
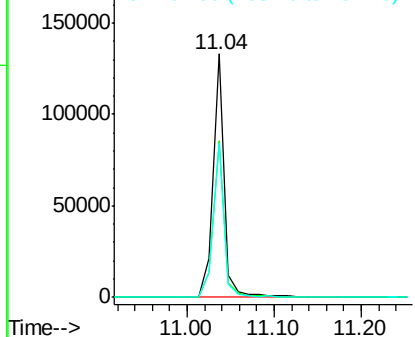
#69
 Pentachlorophenol
 Concen: 43.74 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 120490
 Ion Ratio Lower Upper
 266 100
 268 64.1 49.6 74.4
 264 63.3 52.7 79.1

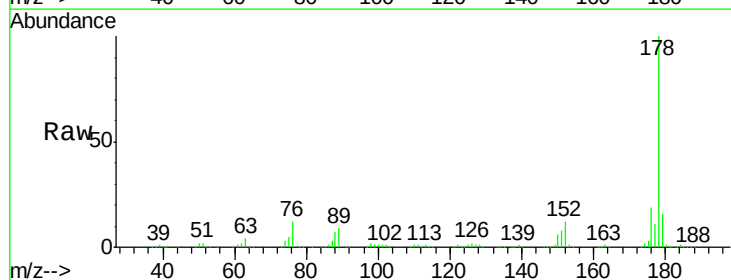


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

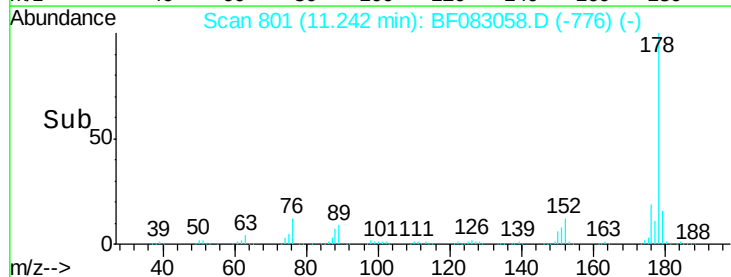
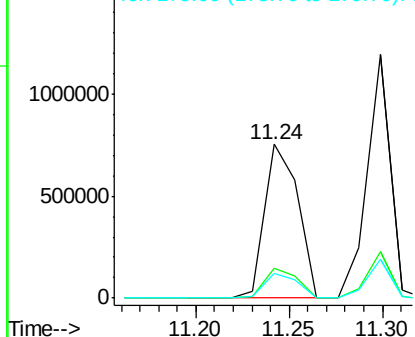


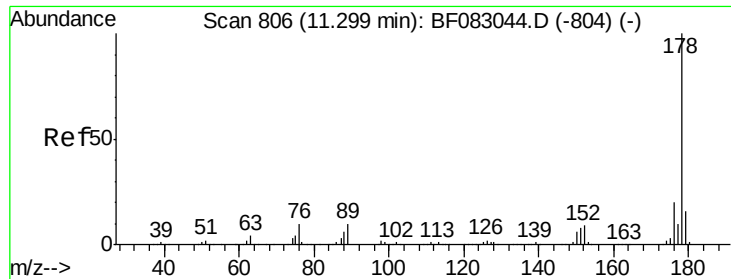
#70
 Phenanthrene
 Concen: 36.60 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Tgt Ion:178 Resp: 940997
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 16.0 12.3 18.5



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

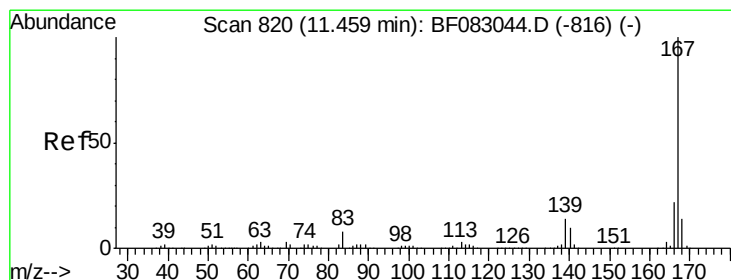
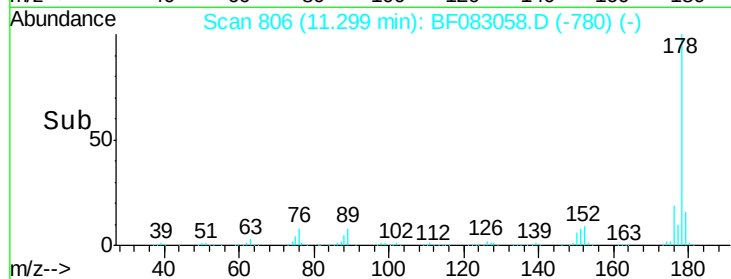
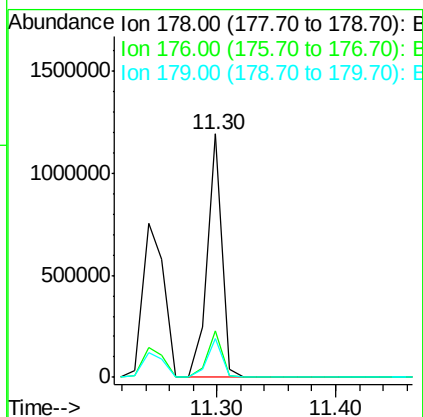
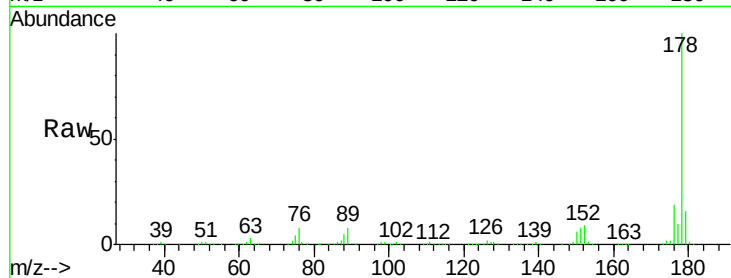




#71
 Anthracene
 Concen: 39.32 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

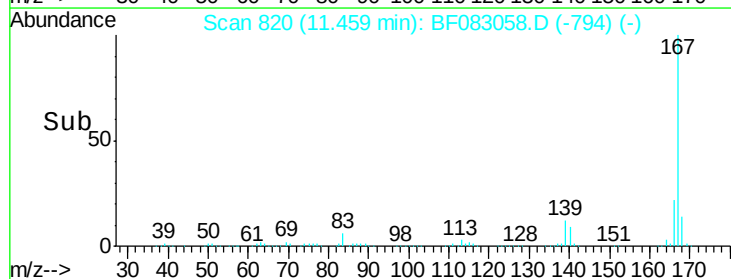
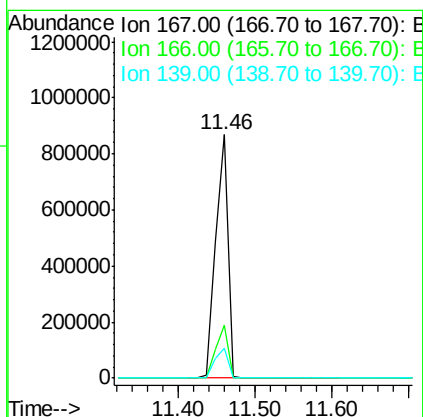
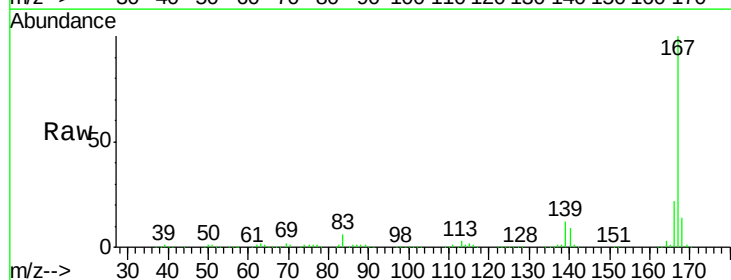
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

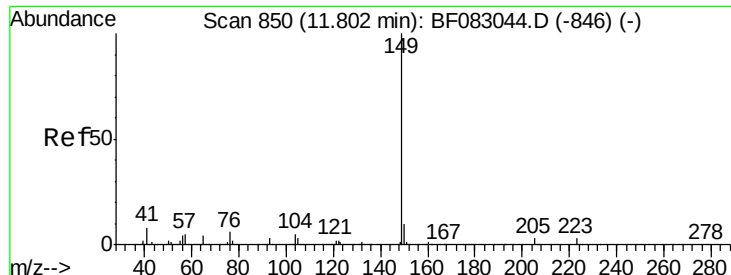
Tgt Ion:178 Resp: 1018321
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.8 13.1 19.7



#72
 Carbazole
 Concen: 41.74 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Tgt Ion:167 Resp: 944842
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 12.0 11.0 16.4





#73

Di-n-butylphthalate

Concen: 39.63 ng

RT: 11.80 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

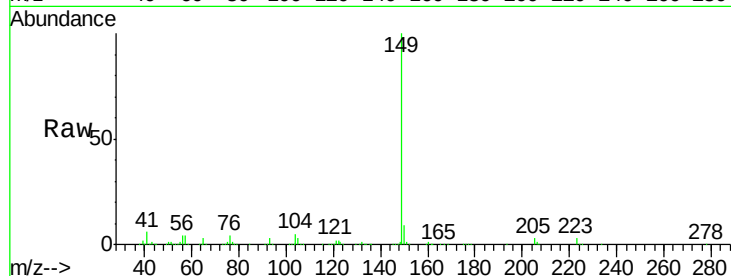
Tgt Ion:149 Resp: 1131381

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

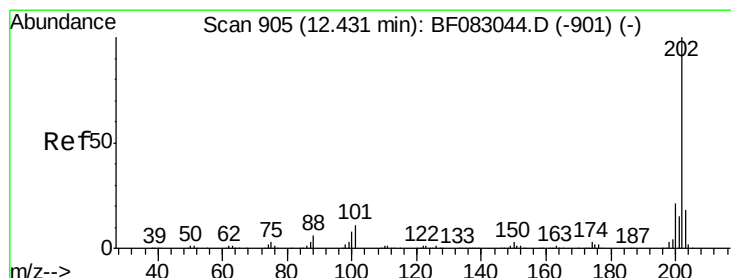
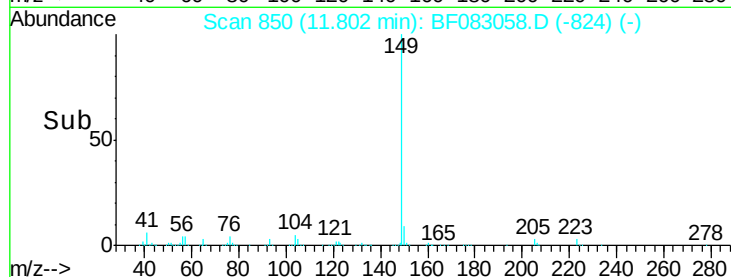
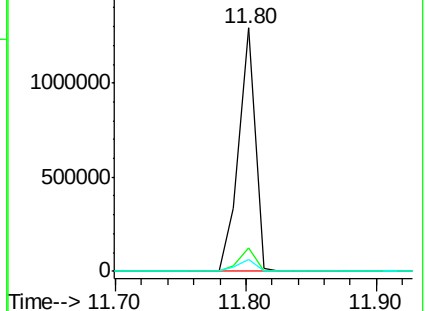
104 4.8 4.3 6.5



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: 39.11 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

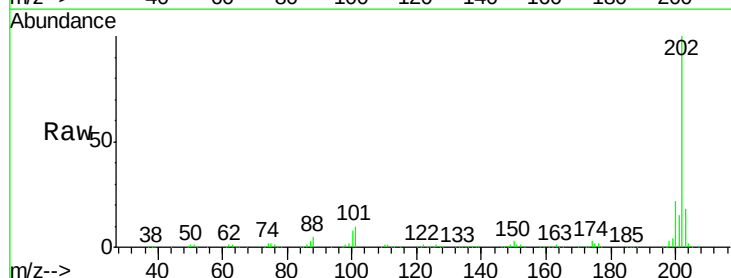
Tgt Ion:202 Resp: 1047892

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.1

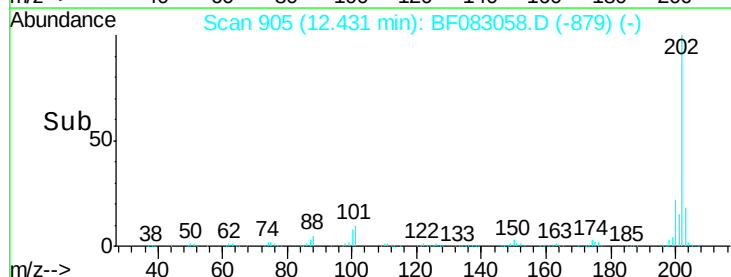
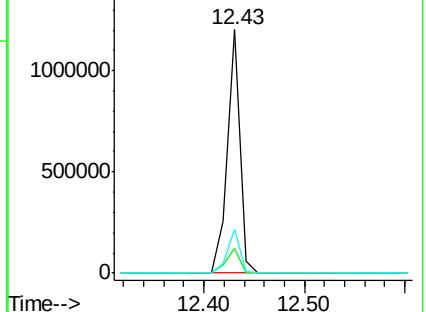
203 18.1 0.0 38.4

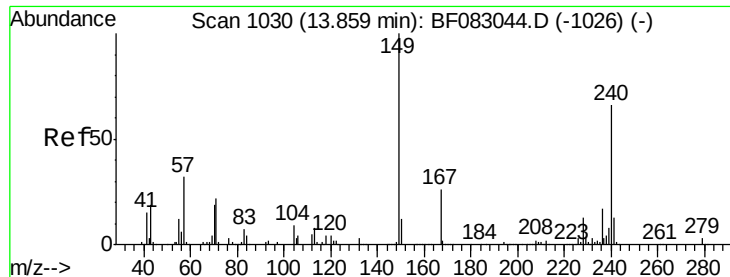


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

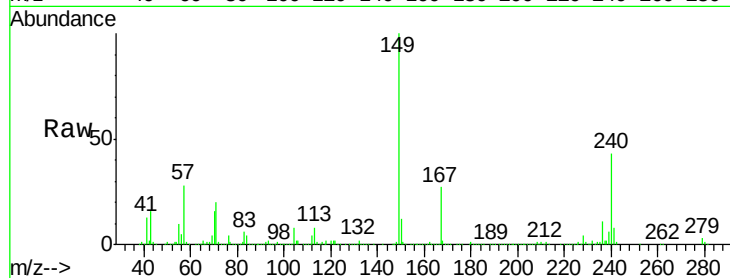
Tgt Ion:240 Resp: 360565

Ion Ratio Lower Upper

240 100

120 5.5 5.3 7.9

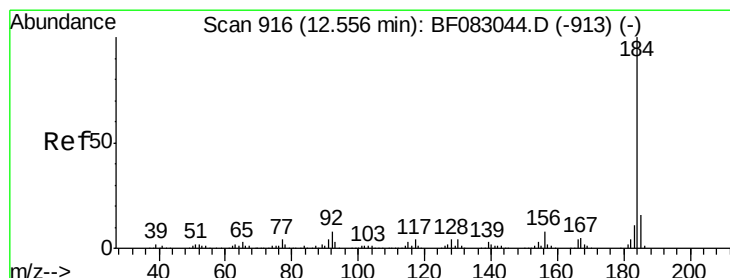
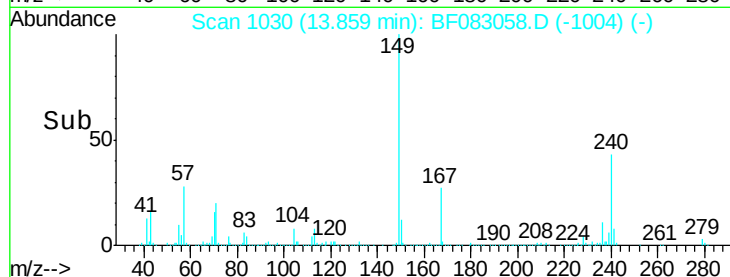
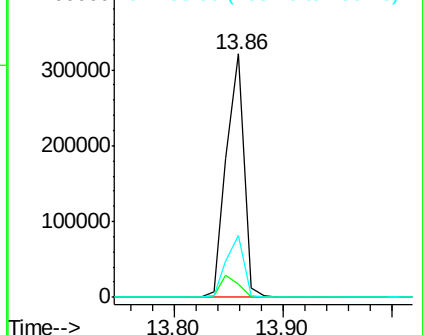
236 25.5 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.28 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

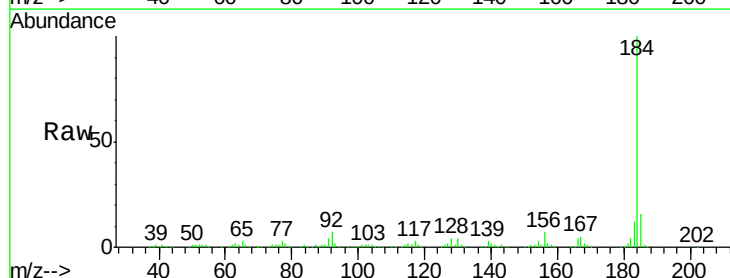
Tgt Ion:184 Resp: 557759

Ion Ratio Lower Upper

184 100

185 15.8 12.6 19.0

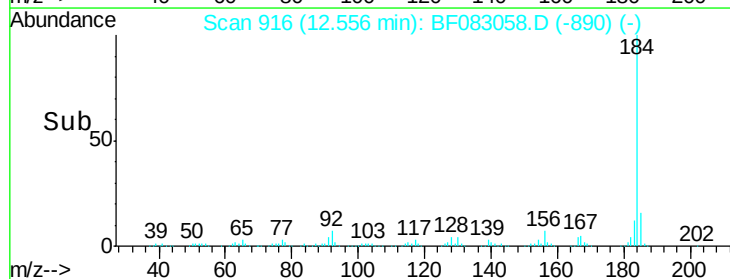
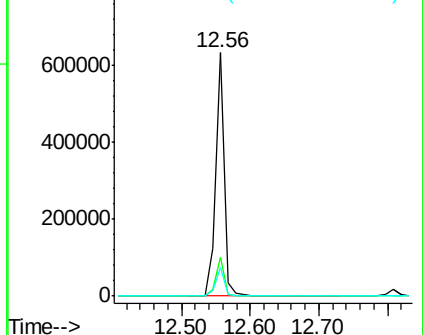
183 11.7 9.0 13.4

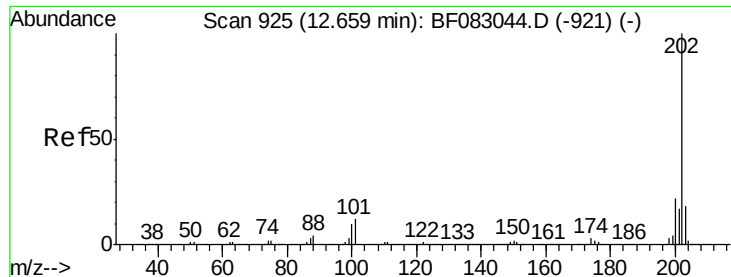


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.70 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

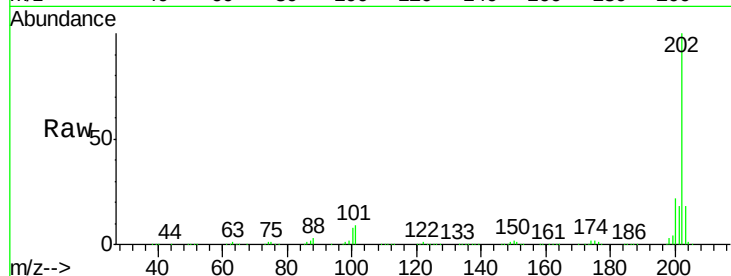
Tgt Ion:202 Resp: 1109382

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

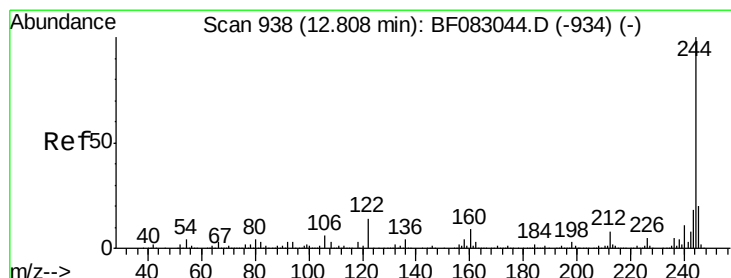
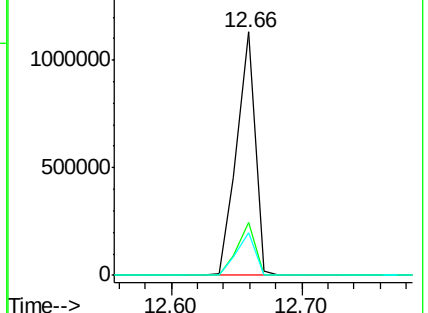
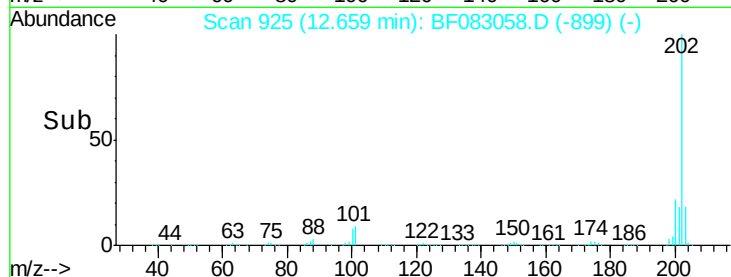
203 17.8 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.14 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

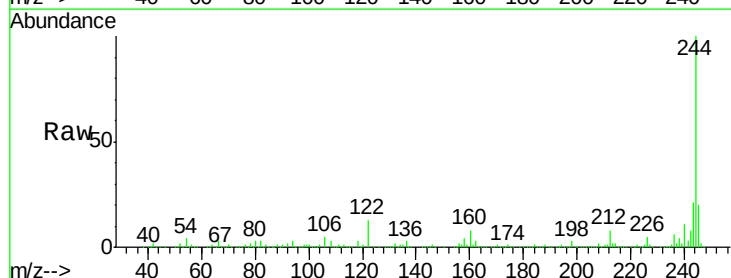
Tgt Ion:244 Resp: 1132401

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

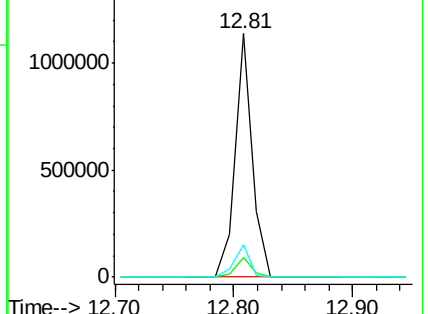
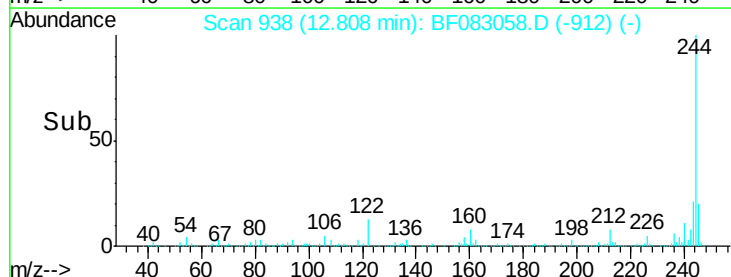
122 13.2 10.9 16.3

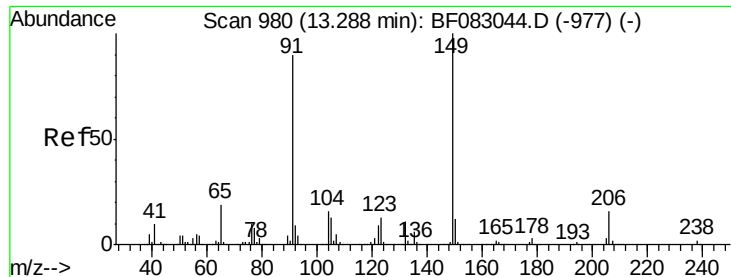


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

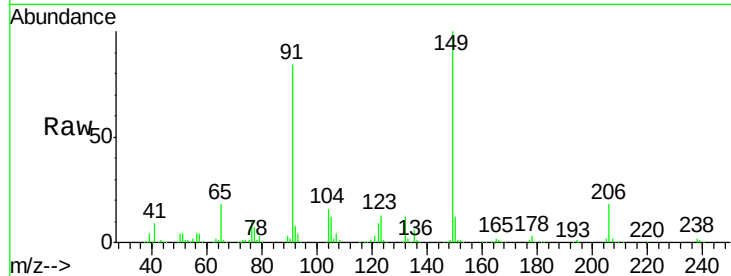




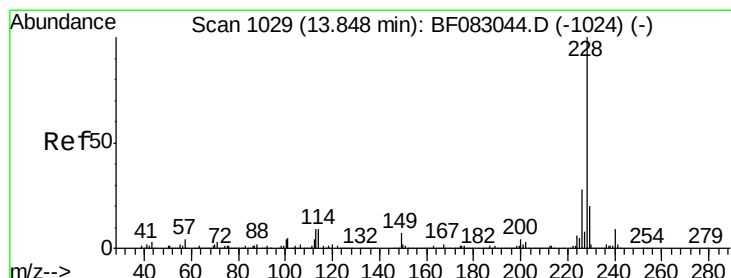
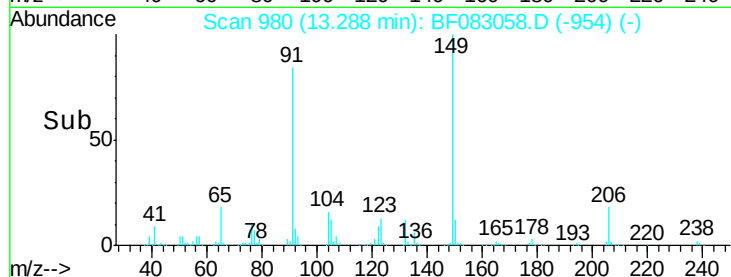
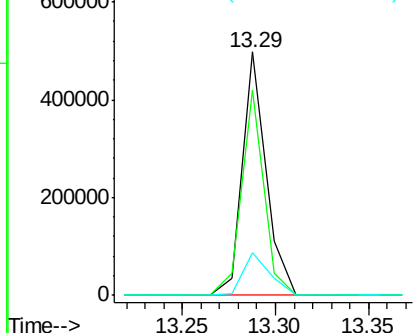
#79
Butylbenzylphthalate
Concen: 39.25 ng
RT: 13.29 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 440254
Ion Ratio Lower Upper
149 100
91 84.4 71.9 107.9
206 17.6 13.1 19.7

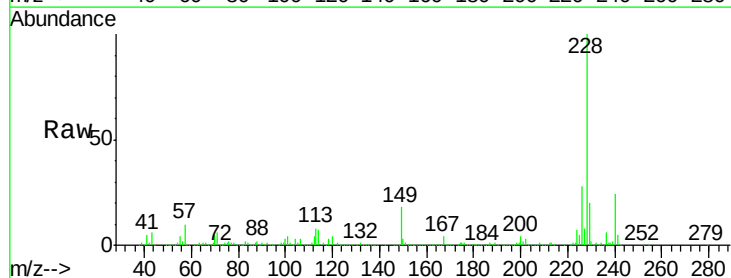


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

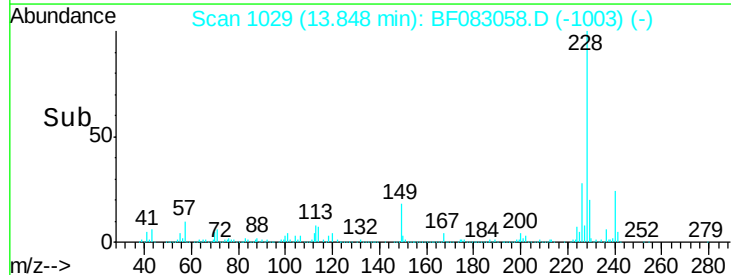
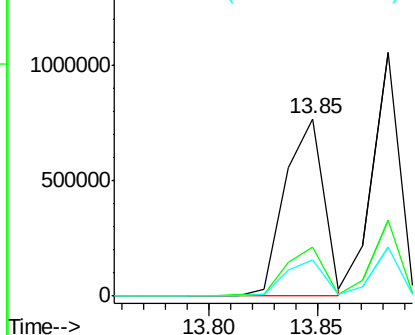


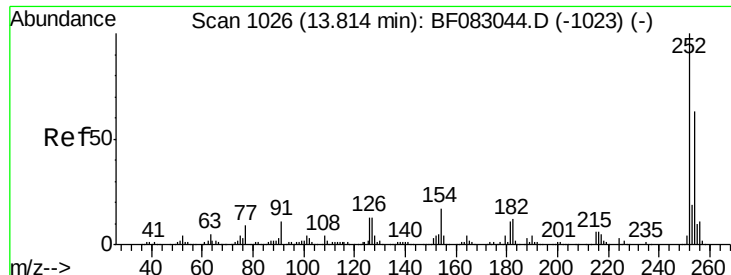
#80
Benzo(a)anthracene
Concen: 41.54 ng
RT: 13.85 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF083058.D
Acq: 20 Nov 2015 2:56

Tgt Ion:228 Resp: 951785
Ion Ratio Lower Upper
228 100
226 27.7 22.6 34.0
229 20.2 16.1 24.1



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

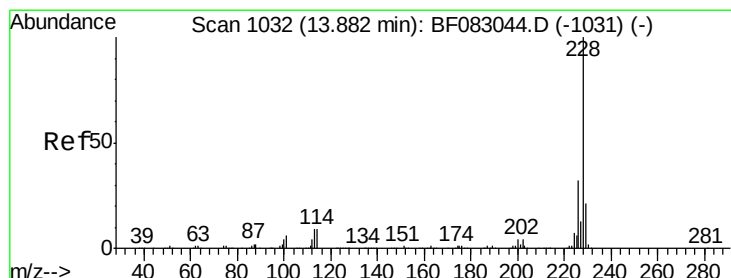
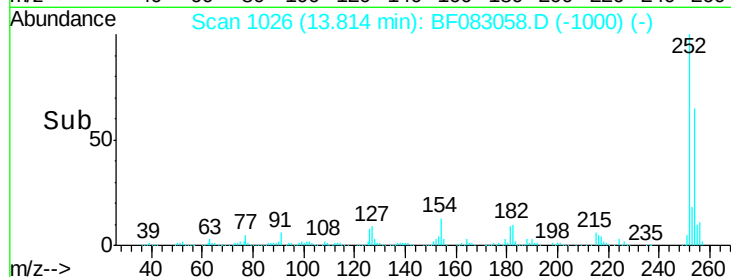
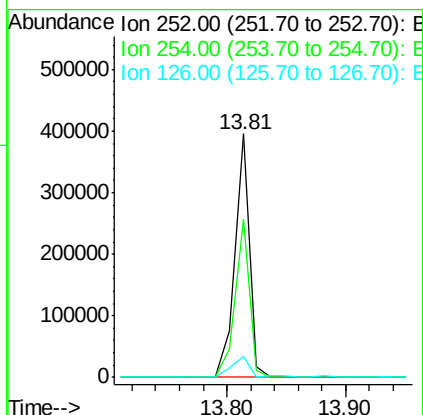
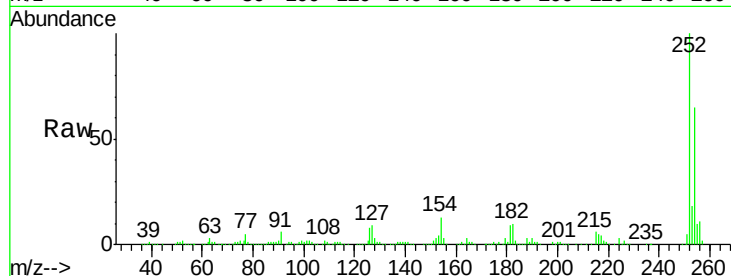




#81
 3,3'-Dichlorobenzidine
 Concen: 43.64 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

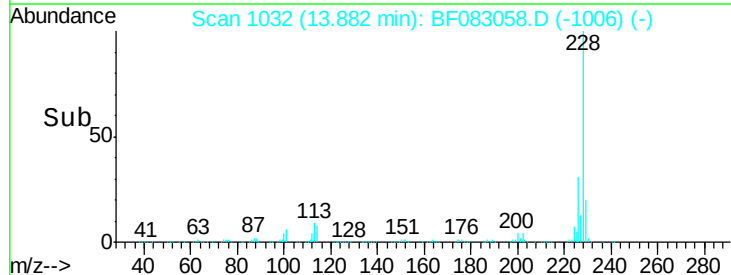
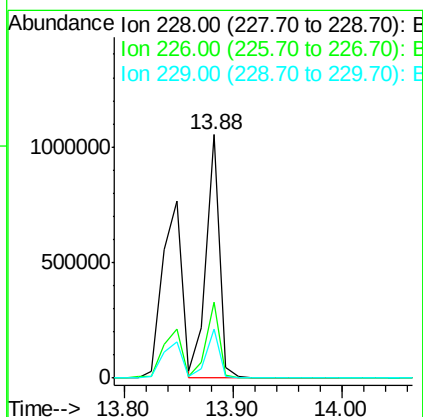
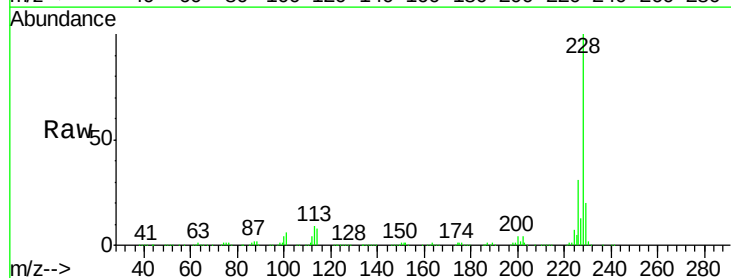
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

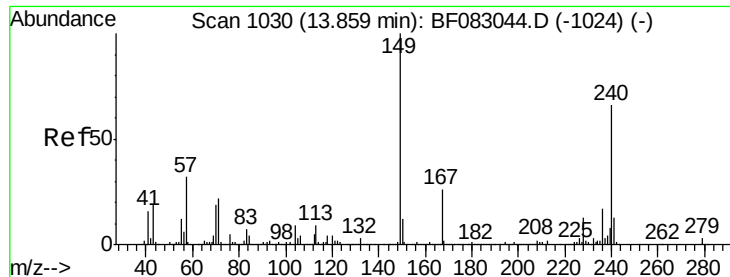
Tgt Ion: 252 Resp: 336622
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.6 76.0
 126 8.4 10.2 15.4#



#82
 Chrysene
 Concen: 43.28 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Tgt Ion: 228 Resp: 909333
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.3 37.9
 229 20.2 16.4 24.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.39 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

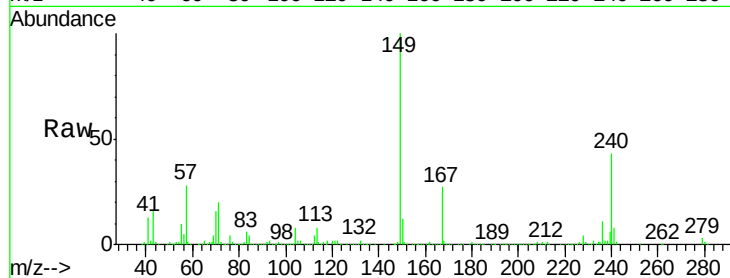
Tgt Ion:149 Resp: 636275

Ion Ratio Lower Upper

149 100

167 26.8 20.9 31.3

279 3.0 2.0 3.0#



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

1000000

800000

600000

400000

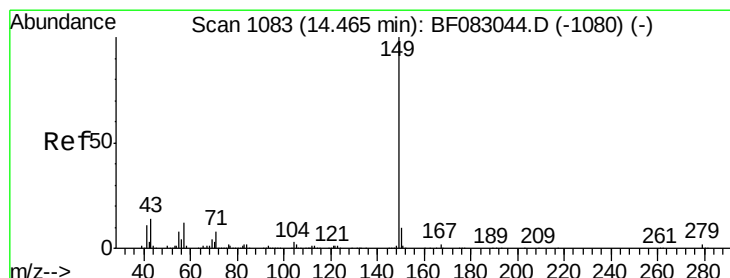
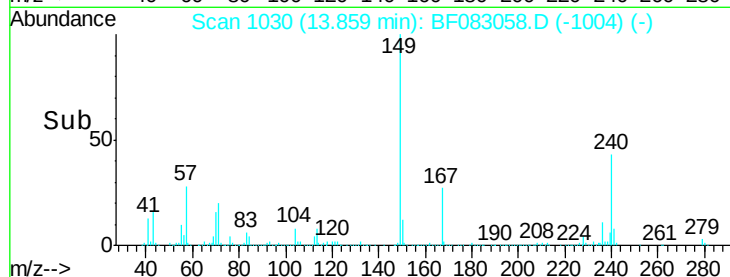
200000

0

13.86

13.80 13.90

Time-->



#84

Di-n-octyl phthalate

Concen: 40.41 ng

RT: 14.47 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

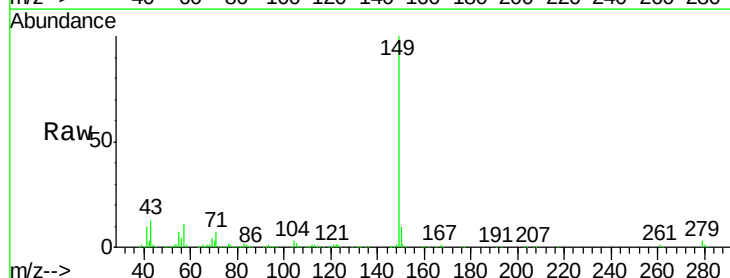
Tgt Ion:149 Resp: 965517

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.2 8.8 13.2



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

1000000

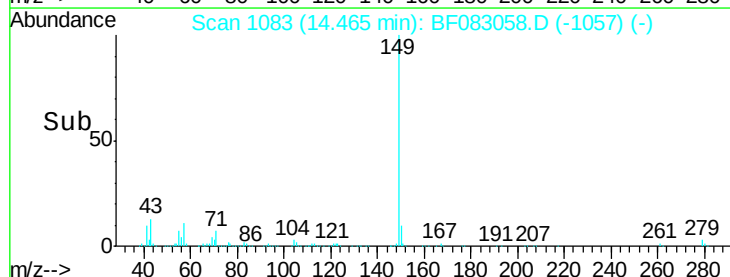
500000

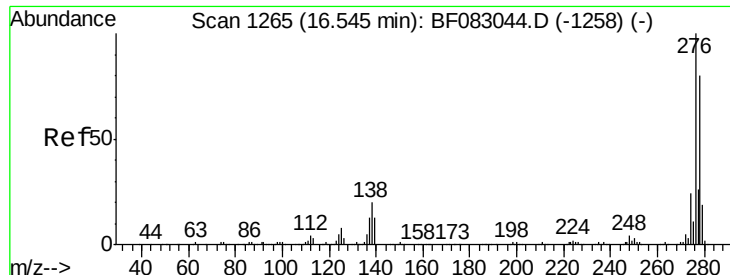
0

14.47

14.40 14.50 14.60

Time-->

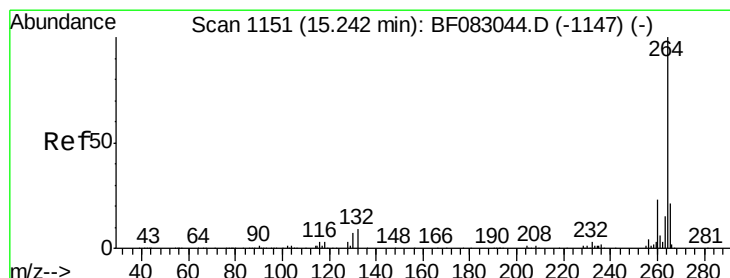
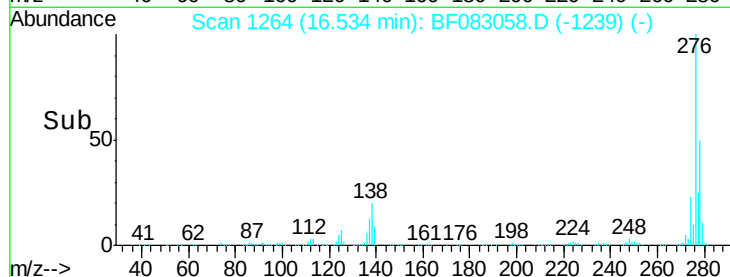
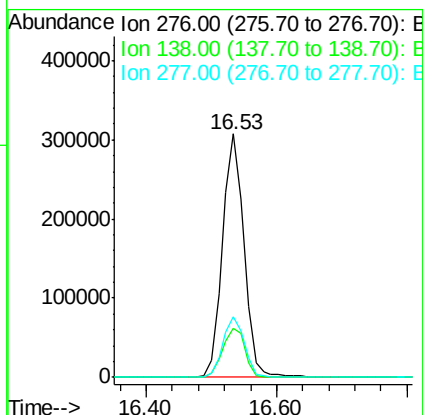
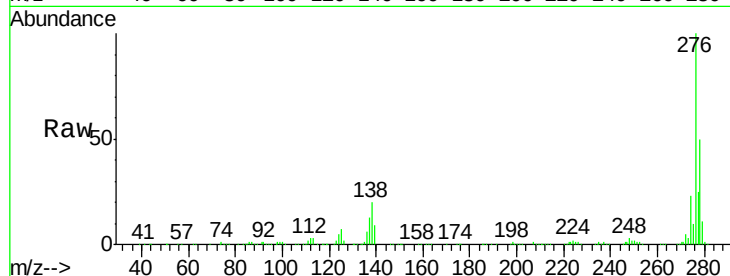




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.19 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

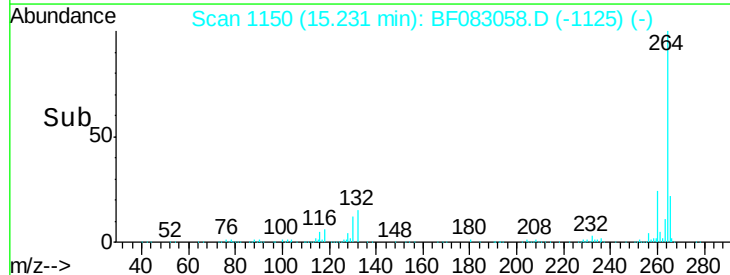
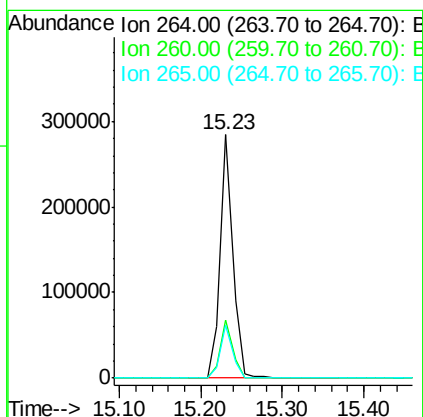
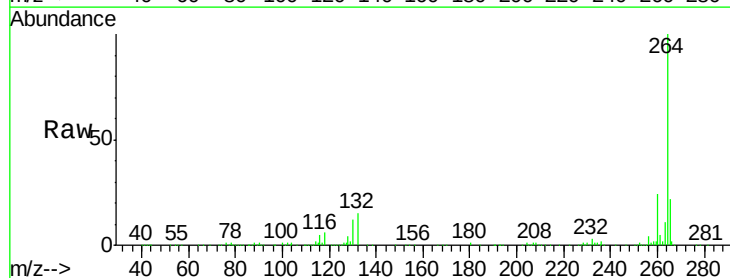
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

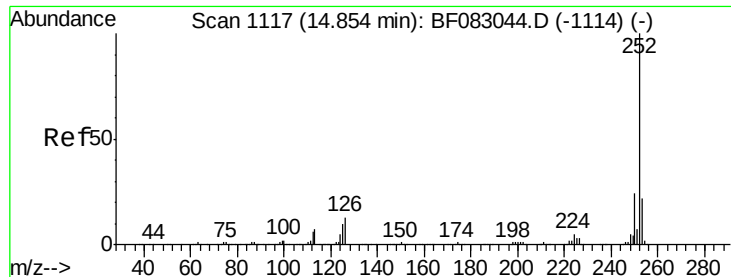
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.3	24.5
277	25.1	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083058.D
 Acq: 20 Nov 2015 2:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.7	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 68.48 ng

RT: 14.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

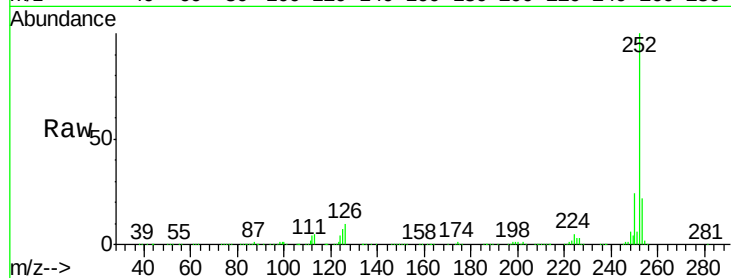
Tgt Ion:252 Resp: 1468898

Ion Ratio Lower Upper

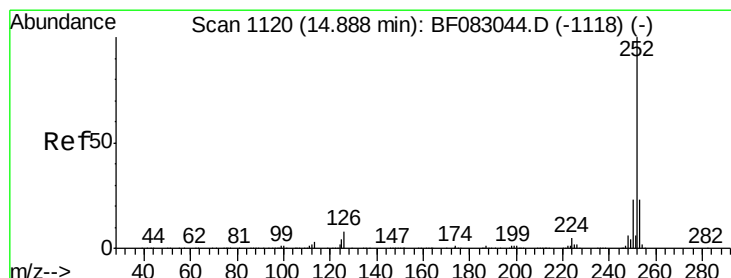
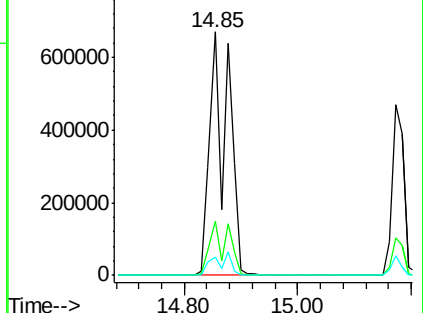
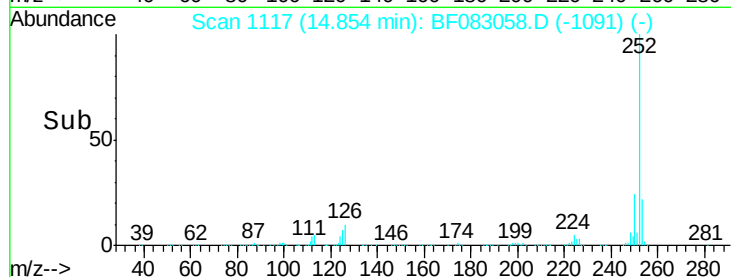
252 100

253 22.4 17.6 26.4

125 7.4 7.7 11.5#



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: 89.89 ng

RT: 14.85 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

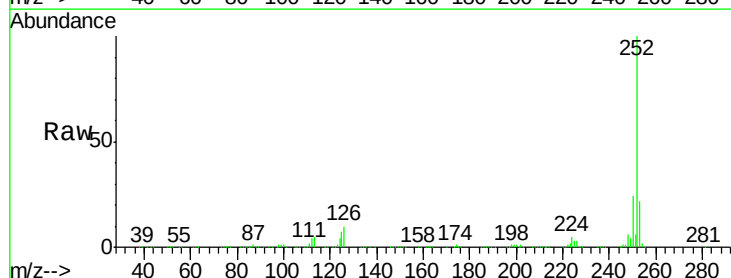
Tgt Ion:252 Resp: 1468898

Ion Ratio Lower Upper

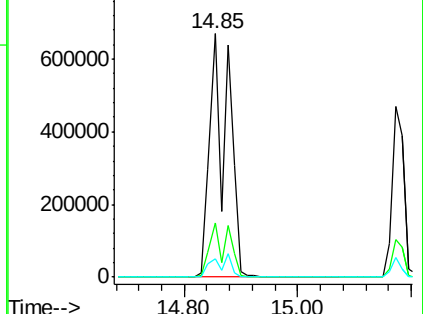
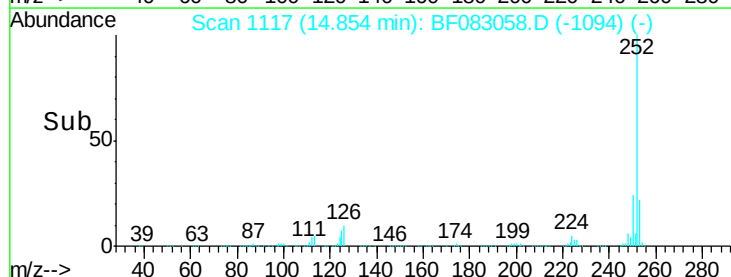
252 100

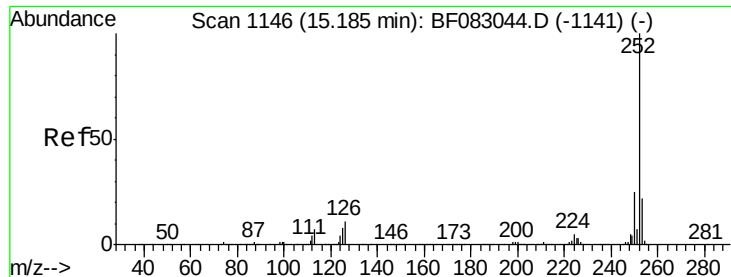
253 22.4 17.8 26.6

125 7.4 3.8 5.6#



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: 39.90 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

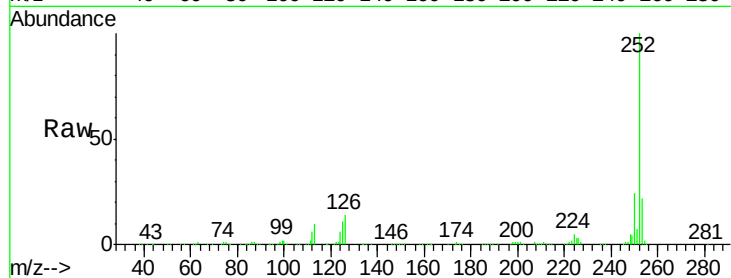
Tgt Ion:252 Resp: 686887

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

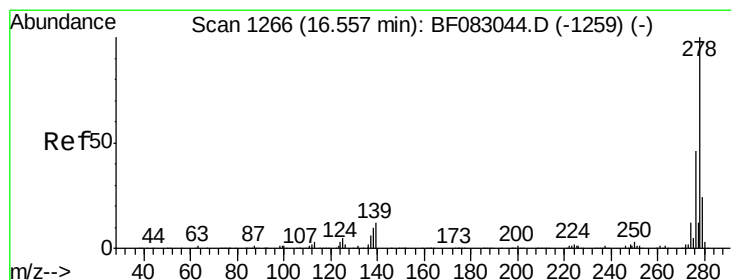
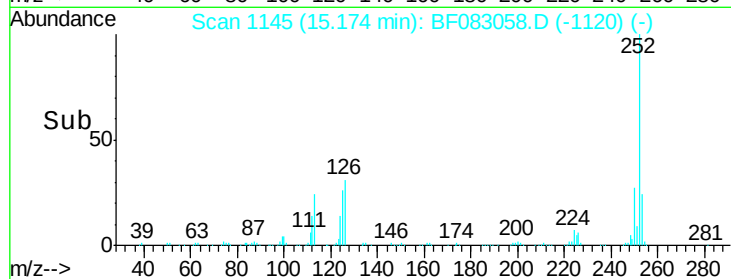
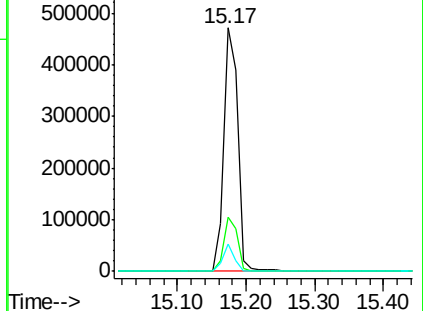
125 11.2 6.4 9.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.57 ng

RT: 16.55 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

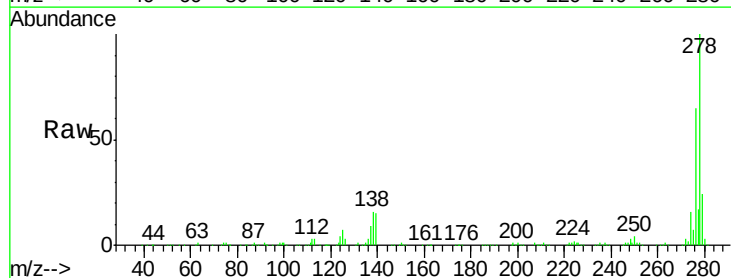
Tgt Ion:278 Resp: 592747

Ion Ratio Lower Upper

278 100

139 14.8 9.8 14.8#

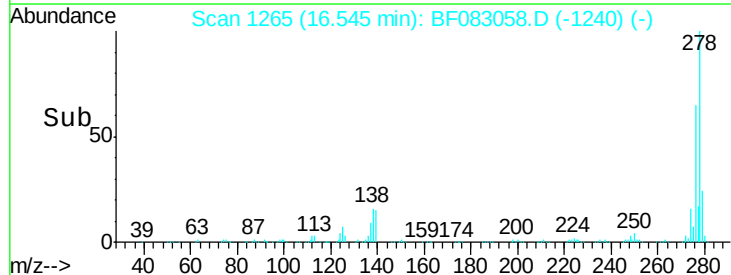
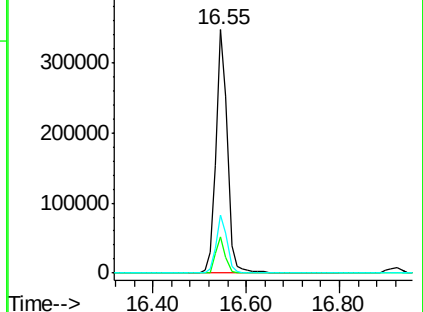
279 23.6 19.6 29.4

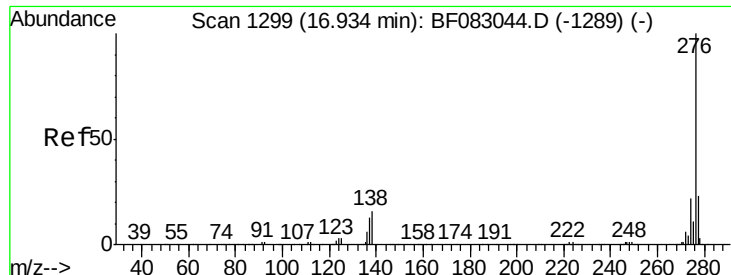


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.38 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF083058.D

Acq: 20 Nov 2015 2:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

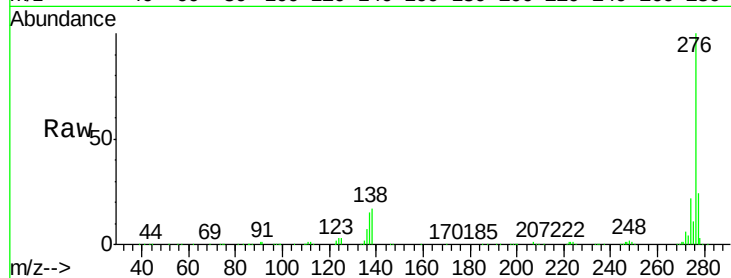
Tgt Ion: 276 Resp: 575391

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 16.8 12.5 18.7



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

