

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112415\
 Data File : BF083235.D
 Acq On : 24 Nov 2015 14:22
 Operator : UM/IZ
 Sample : PB86743BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 24 15:38:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 15:18:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	183698	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	707955	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	373728	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	700471	20.00	ng	0.00
75) Chrysene-d12	13.76	240	592027	20.00	ng	0.00
86) Perylene-d12	15.12	264	418851	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1241926	102.21	ng	0.02
7) Phenol-d6	6.28	99	1635827	104.05	ng	0.00
23) Nitrobenzene-d5	7.19	82	1084465	70.00	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	357539	93.51	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1584035	59.10	ng	-0.01
78) Terphenyl-d14	12.72	244	1696153	67.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	159227	26.46	ng	# 86
3) Pyridine	2.78	79	395563	24.88	ng	94
4) n-Nitrosodimethylamine	2.72	42	251584	34.31	ng	92
6) Aniline	6.27	93	456581	23.76	ng	94
8) 2-Chlorophenol	6.40	128	409810	31.22	ng	91
9) Benzaldehyde	6.15	77	291372	35.88	ng	92
10) Phenol	6.30	94	665012	34.97	ng	# 76
11) bis(2-Chloroethyl)ether	6.35	93	459851	33.86	ng	93
12) 1,3-Dichlorobenzene	6.55	146	447948	29.89	ng	96
13) 1,4-Dichlorobenzene	6.63	146	481295	31.74	ng	97
14) 1,2-Dichlorobenzene	6.79	146	422624	30.67	ng	96
15) Benzyl Alcohol	6.78	79	433845	33.02	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	809079	38.21	ng	95
17) 2-Methylphenol	6.90	107	363465	33.46	ng	95
18) Hexachloroethane	7.12	117	164552	30.81	ng	# 79
19) n-Nitroso-di-n-propylamine	7.04	70	341320	31.20	ng	98
20) 3+4-Methylphenols	7.06	107	496018	36.12	ng	98
22) Acetophenone	7.03	105	615704	30.29	ng	# 97
24) Nitrobenzene	7.20	77	496127	29.97	ng	98
25) Isophorone	7.45	82	933827	31.83	ng	98
26) 2-Nitrophenol	7.52	139	210731	28.83	ng	# 80
27) 2,4-Dimethylphenol	7.59	122	389895	33.43	ng	92
28) bis(2-Chloroethoxy)methane	7.67	93	570905	33.47	ng	99
29) 2,4-Dichlorophenol	7.78	162	356136	32.10	ng	92
30) 1,2,4-Trichlorobenzene	7.85	180	380772	31.25	ng	98
31) Naphthalene	7.92	128	1175704	30.77	ng	100
32) Benzoic acid	7.72	122	236144	26.05	ng	95
33) 4-Chloroaniline	7.99	127	228137	15.39	ng	# 90
34) Hexachlorobutadiene	8.06	225	213985	29.71	ng	98
35) Caprolactam	8.35	113	114967	32.34	ng	# 90
36) 4-Chloro-3-methylphenol	8.49	107	411929	32.06	ng	92
37) 2-Methylnaphthalene	8.62	142	806858	32.54	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	374045	30.88	ng	97
40) Hexachlorocyclopentadiene	8.78	237	392269	56.95	ng	100

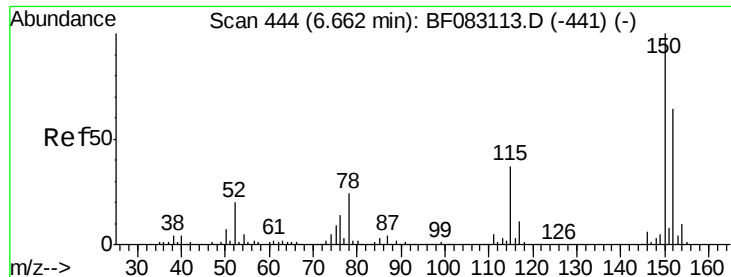
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112415\
 Data File : BF083235.D
 Acq On : 24 Nov 2015 14:22
 Operator : UM/IZ
 Sample : PB86743BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 24 15:38:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 15:18:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	247670	28.55	nq	98
43) 2,4,5-Trichlorophenol	8.95	196	274451	30.94	nq	# 87
45) 1,1'-Biphenyl	9.08	154	996152	31.32	nq	99
46) 2-Chloronaphthalene	9.11	162	746869	29.89	nq	99
47) 2-Nitroaniline	9.21	65	309310	35.00	nq	88
48) Acenaphthylene	9.52	152	1216207	31.41	nq	98
49) Dimethylphthalate	9.39	163	871127	30.28	nq	99
50) 2,6-Dinitrotoluene	9.45	165	203438	31.51	nq	87
51) Acenaphthene	9.69	154	714727	30.33	nq	98
52) 3-Nitroaniline	9.62	138	129305	18.79	nq	84
53) 2,4-Dinitrophenol	9.72	184	205498	55.25	nq	87
54) Dibenzofuran	9.86	168	1105893	33.19	nq	98
55) 4-Nitrophenol	9.82	139	342033	64.80	nq	# 81
56) 2,4-Dinitrotoluene	9.85	165	246614	30.15	nq	95
57) Fluorene	10.20	166	835030	30.33	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	228448	31.40	nq	97
59) Diethylphthalate	10.09	149	853215	29.79	nq	97
60) 4-Chlorophenyl-phenylether	10.19	204	379242	30.07	nq	98
61) 4-Nitroaniline	10.24	138	216234	31.91	nq	94
62) Azobenzene	10.35	77	1063967	32.55	nq	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	157609	32.66	nq	95
65) n-Nitrosodiphenylamine	10.32	169	740618	31.09	nq	100
66) 4-Bromophenyl-phenylether	10.68	248	247793	31.88	nq	98
67) Hexachlorobenzene	10.74	284	256539	29.97	nq	# 90
68) Atrazine	10.86	200	259051	37.45	nq	98
69) Pentachlorophenol	10.95	266	304150	54.55	nq	96
70) Phenanthrene	11.15	178	1271383	31.50	nq	99
71) Anthracene	11.20	178	1280408	31.10	nq	99
72) Carbazole	11.37	167	1208136	33.01	nq	98
73) Di-n-butylphthalate	11.71	149	1378004	30.85	nq	98
74) Fluoranthene	12.33	202	1272917	30.82	nq	96
76) Benzidine	12.47	184	540373	34.83	nq	99
77) Pyrene	12.56	202	1283156	31.72	nq	98
79) Butylbenzylphthalate	13.20	149	599549	31.32	nq	99
80) Benzo(a)anthracene	13.75	228	1175205	32.10	nq	100
81) 3,3'-Dichlorobenzidine	13.73	252	217457	17.06	nq	97
82) Chrysene	13.78	228	947682	27.91	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	742718	29.71	nq	# 94
84) Di-n-octyl phthalate	14.38	149	1120895	26.04	nq	96
85) Indeno(1,2,3-cd)pyrene	16.37	276	798364	25.85	nq	96
87) Benzo(b)fluoranthene	14.78	252	1698528	59.35	nq	# 97
88) Benzo(k)fluoranthene	14.78	252	1699159	79.69	nq	99
89) Benzo(a)pyrene	15.06	252	764273	32.35	nq	# 95
90) Dibenzo(a,h)anthracene	16.38	278	684605	31.90	nq	98
91) Benzo(g,h,i)perylene	16.73	276	683408	32.62	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

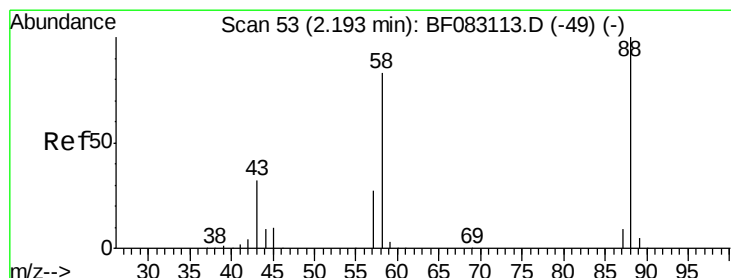
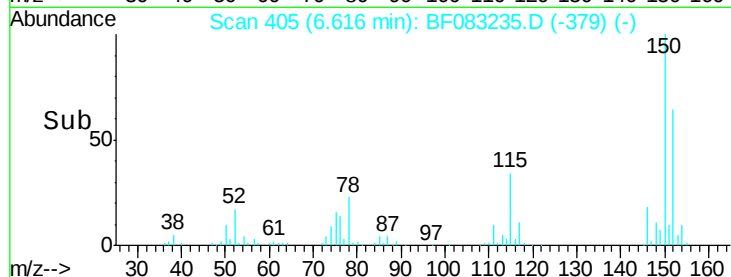
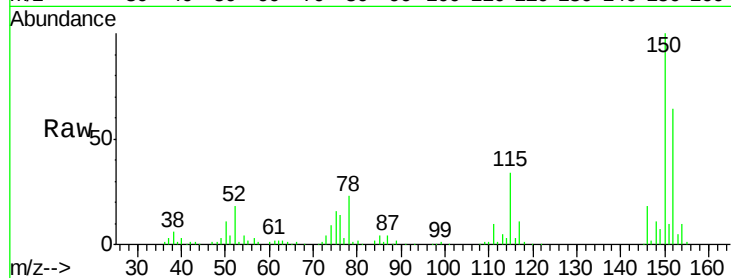
Tot Ion:152 Resp: 183698

Ion Ratio Lower Upper

152 100

150 156.3 125.8 188.8

115 53.9 46.9 70.3



#2

1,4-Dioxane

Concen: 26.46 ng

RT: 2.14 min Scan# 13

Delta R.T. 0.09 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

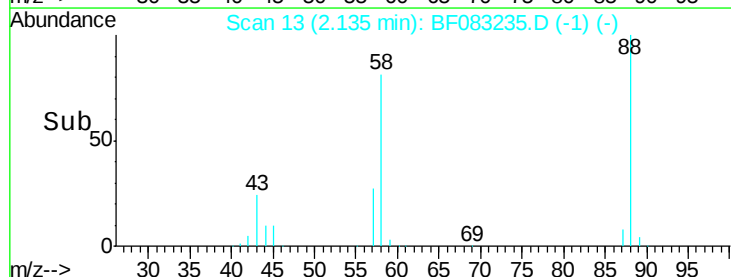
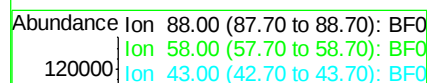
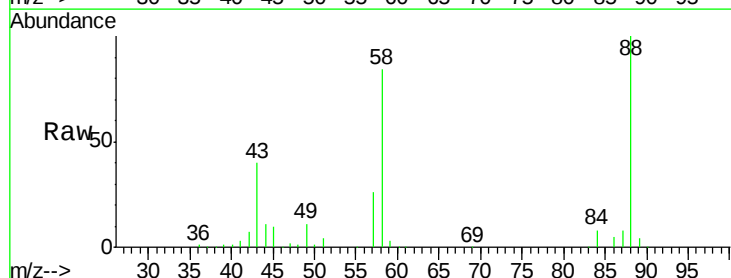
Tgt Ion: 88 Resp: 159227

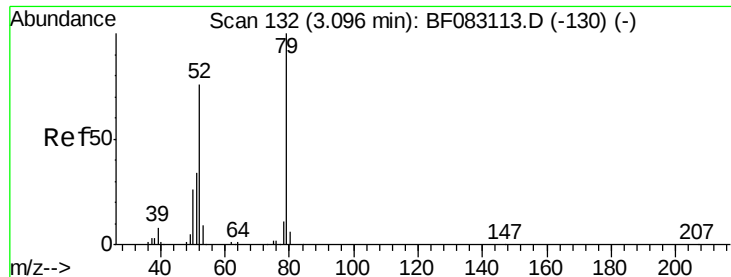
Ion Ratio Lower Upper

88 100

58 88.2 65.0 97.6

43 47.0 24.7 37.1#

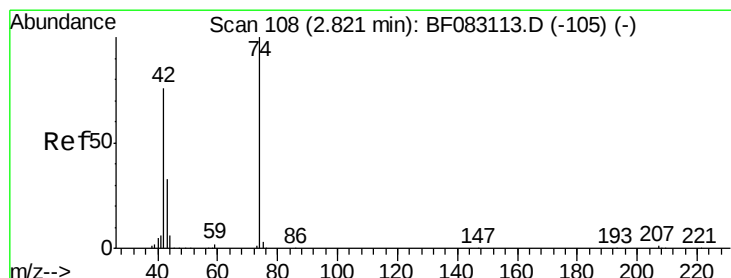
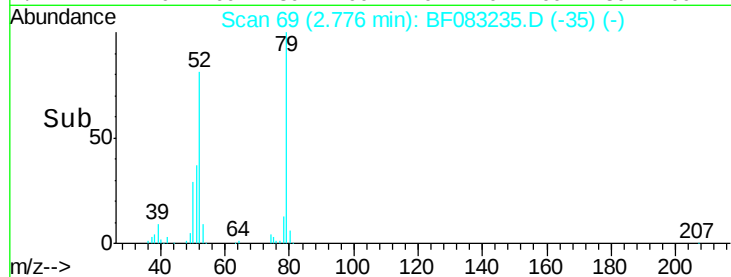
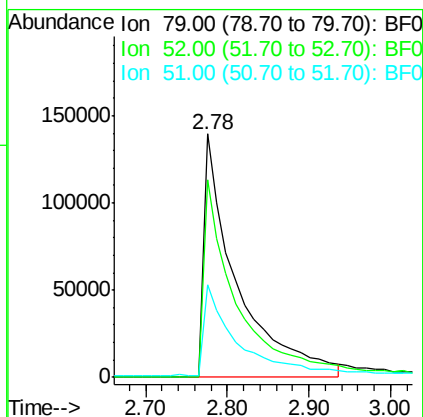
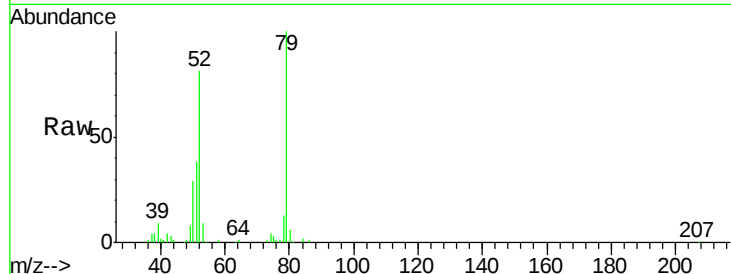




#3
 Pvridine
 Concen: 24.88 ng
 RT: 2.78 min Scan# 69
 Delta R.T. 0.09 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

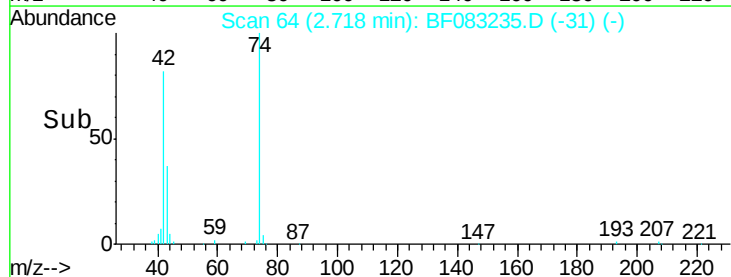
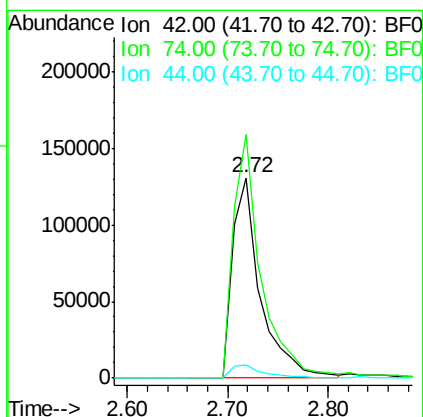
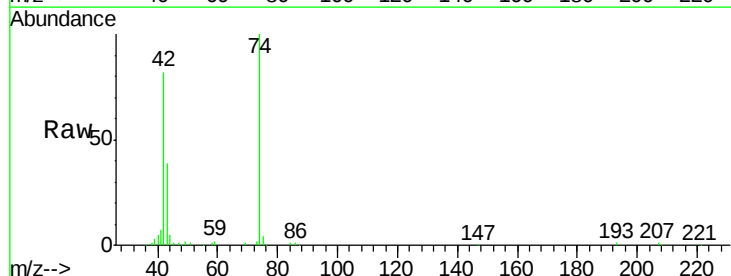
Instrument :
 BNA_F
 ClientSampleId :

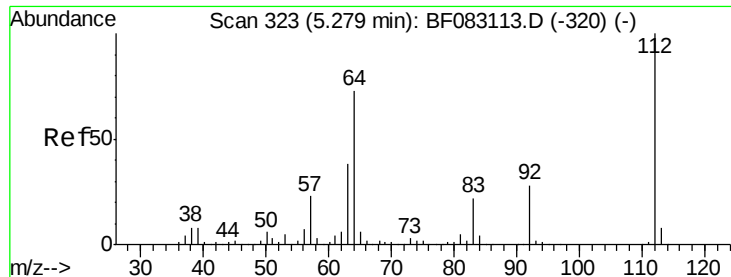
Tot Ion	Ratio	Lower	Upper
79	100		
52	80.9	60.7	91.1
51	38.1	27.9	41.9



#4
 n-Nitrosodimethylamine
 Concen: 34.31 ng
 RT: 2.72 min Scan# 64
 Delta R.T. 0.08 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	121.6	104.8	157.2
44	6.7	6.2	9.4





#5

2-Fluorophenol

Concen: 102.21 ng

RT: 5.22 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampled :

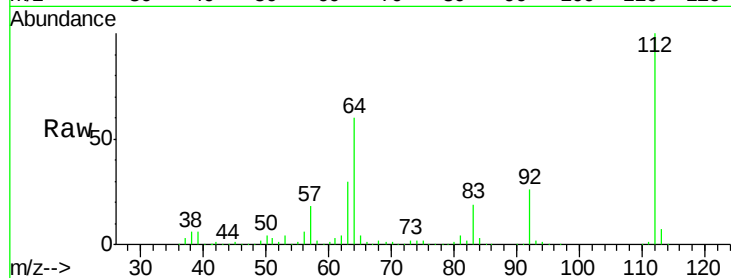
Tot Ion: 112 Resp: 1241926

Ion Ratio Lower Upper

112 100

64 59.9 58.4 87.6

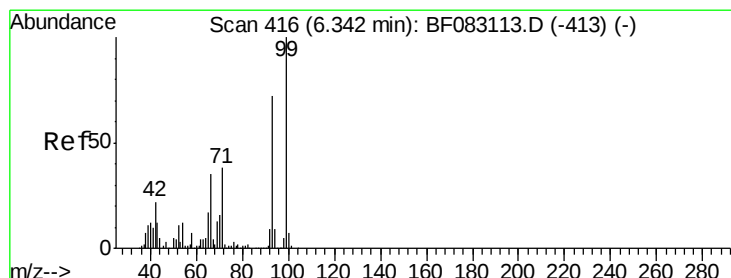
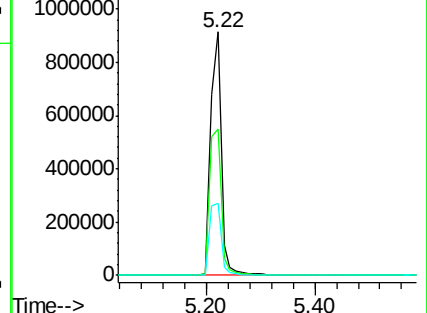
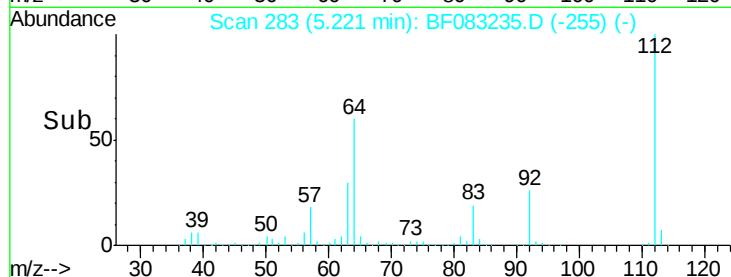
63 29.7 30.0 45.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.76 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

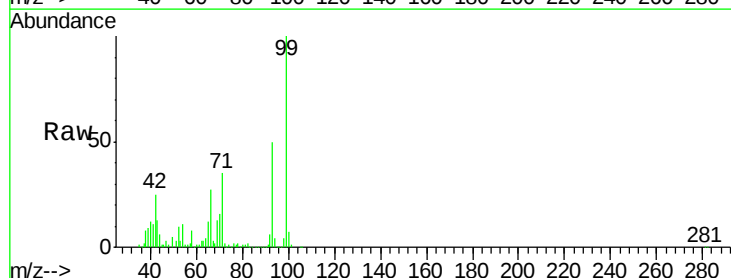
Tgt Ion: 93 Resp: 456581

Ion Ratio Lower Upper

93 100

66 53.2 38.7 58.1

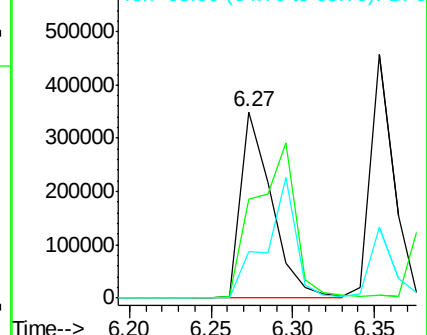
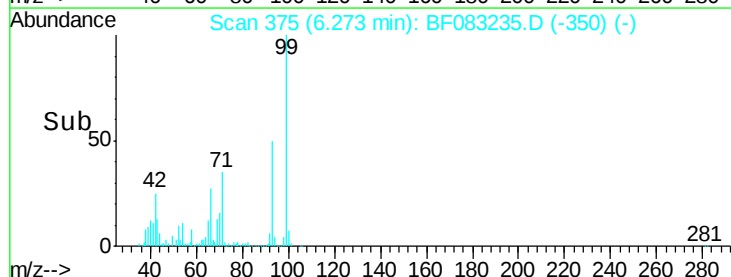
65 24.7 18.6 27.8

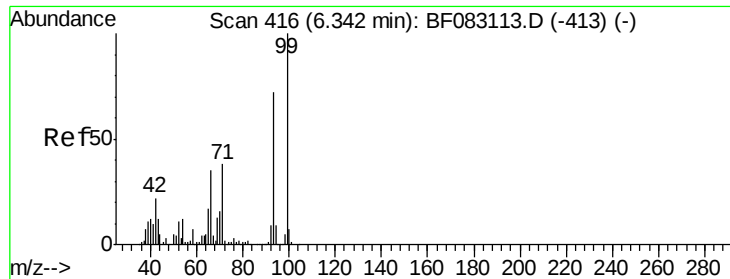


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 104.05 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

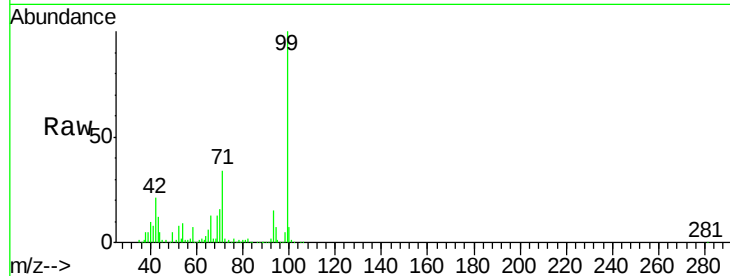
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1635827

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.7	26.5
71	34.2	30.2	45.4

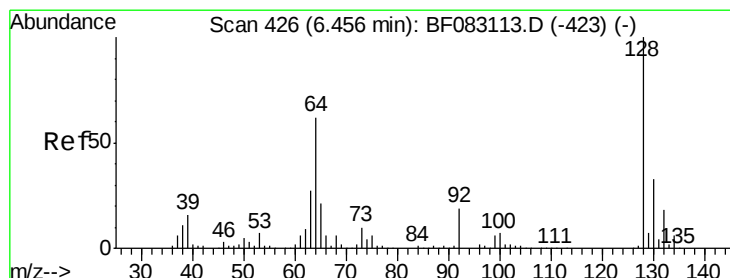
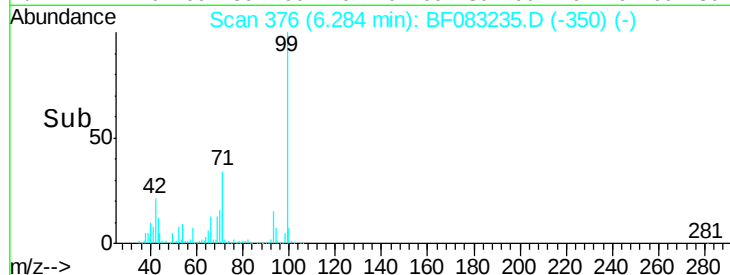


Abundance

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: 31.22 ng

RT: 6.40 min Scan# 386

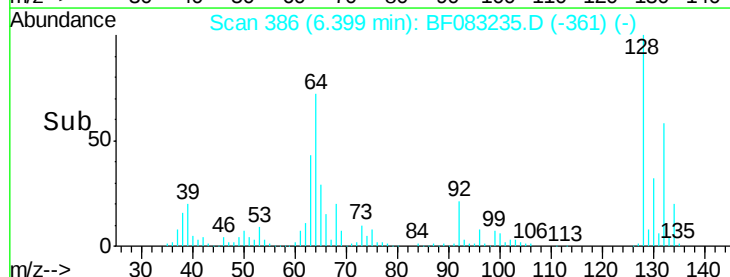
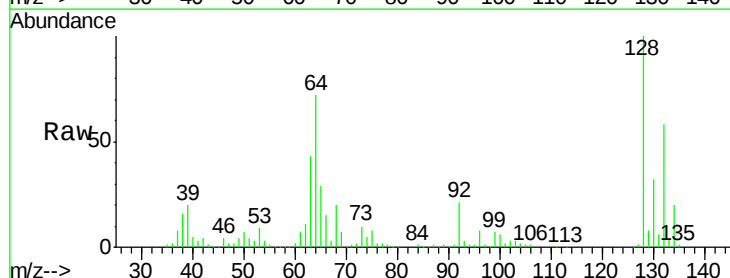
Delta R.T. -0.01 min

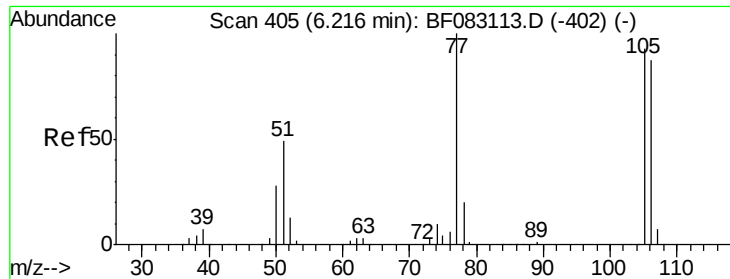
Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Tgt Ion: 128 Resp: 409810

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.6	52.6
64	72.0	41.9	81.9





#9

Benzaldehyde

Concen: 35.88 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampled :

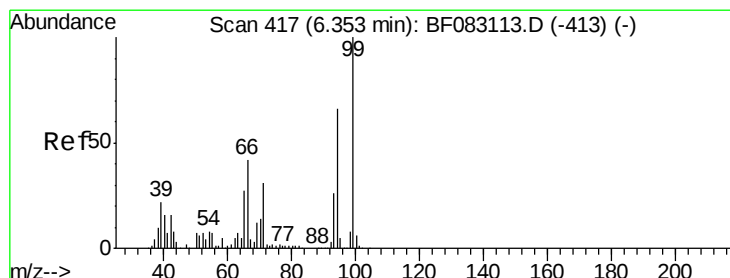
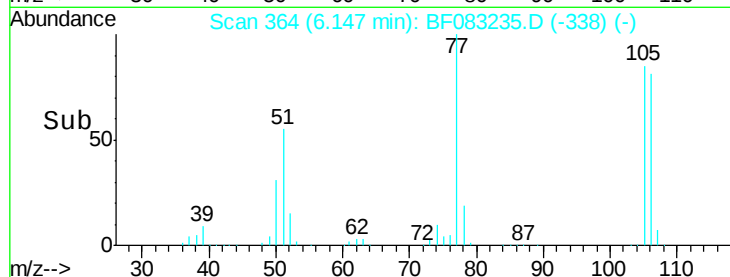
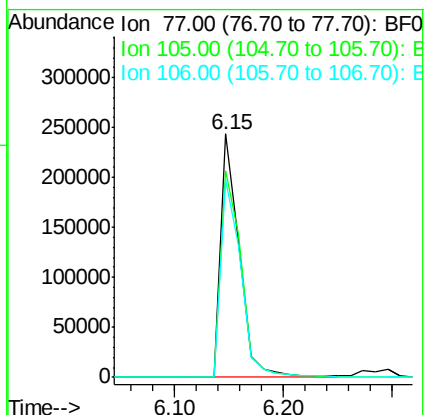
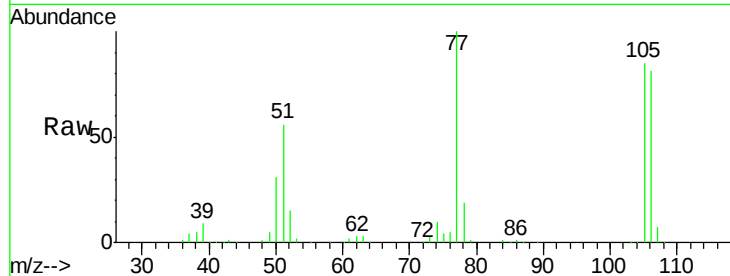
Tot Ion: 77 Resp: 291372

Ion Ratio Lower Upper

77 100

105 84.8 73.4 113.4

106 80.9 67.5 107.5



#10

Phenol

Concen: 34.97 ng

RT: 6.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

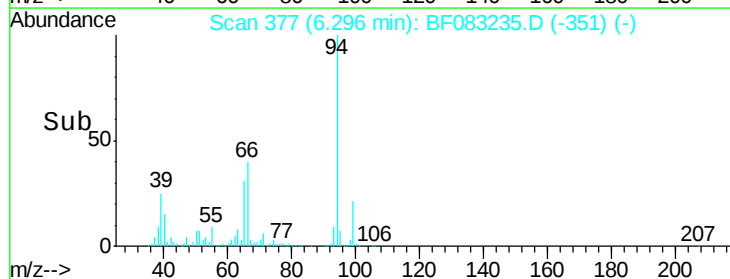
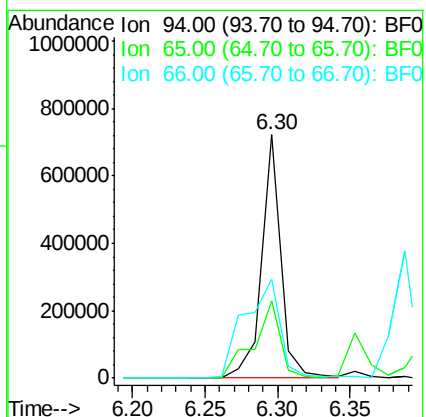
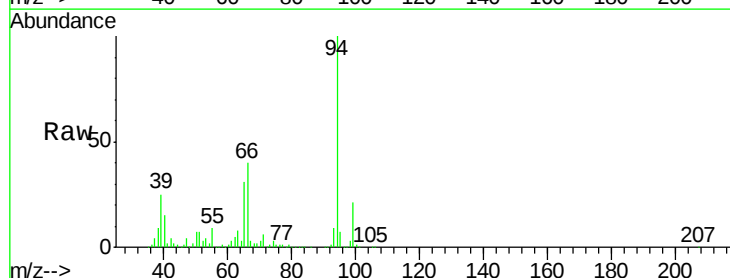
Tgt Ion: 94 Resp: 665012

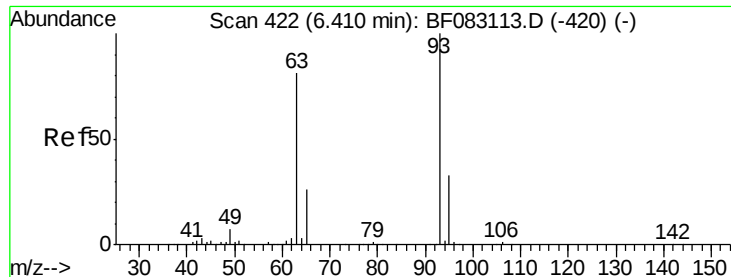
Ion Ratio Lower Upper

94 100

65 31.5 21.1 61.1

66 40.5 43.1 83.1#

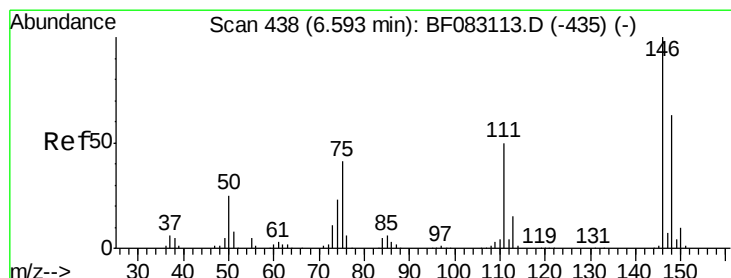
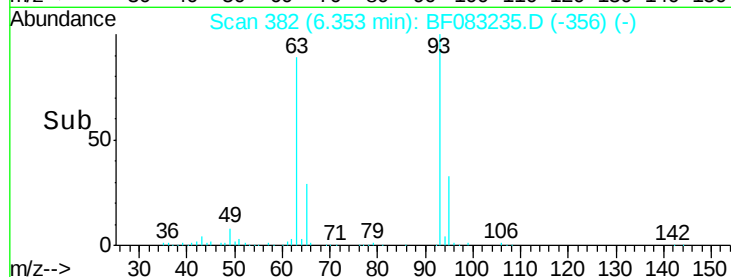
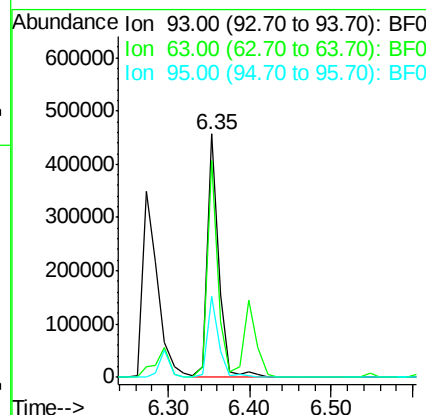
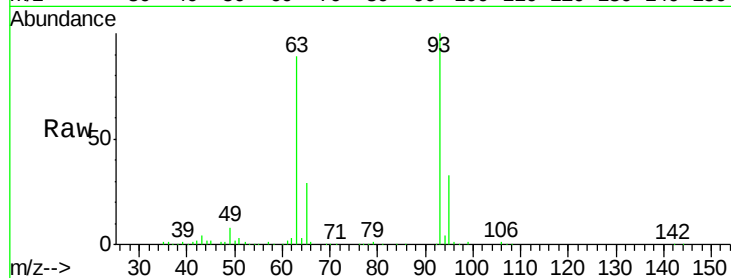




#11
bis(2-Chloroethyl)ether
Concen: 33.86 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

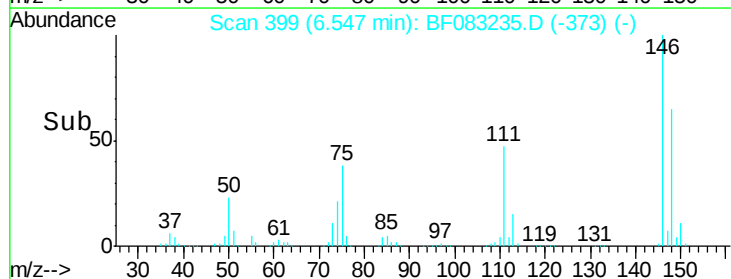
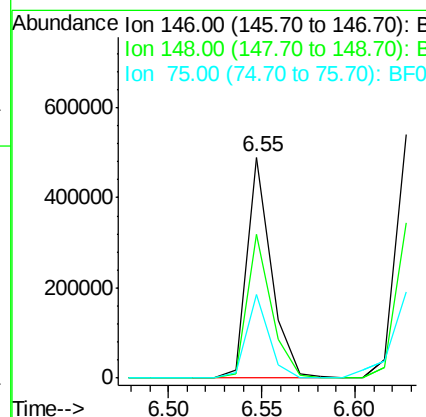
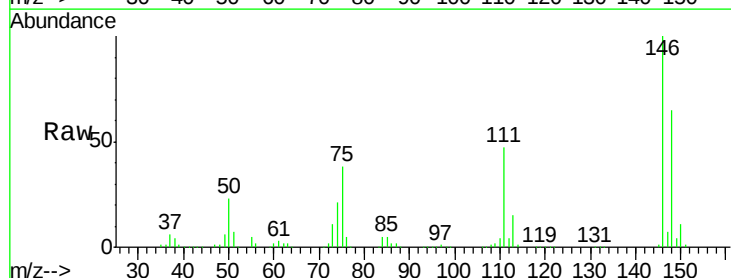
Instrument :
BNA_F
ClientSampleId :

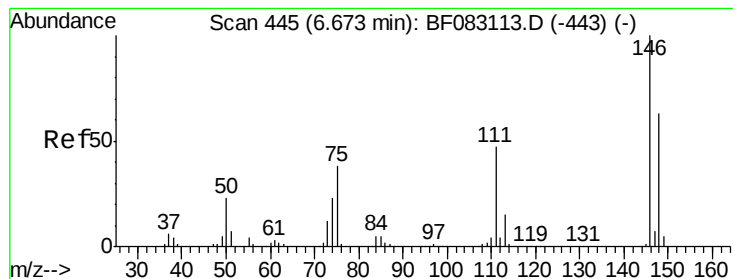
Tot Ion: 93 Resp: 459851
Ion Ratio Lower Upper
93 100
63 89.0 59.8 99.8
95 33.1 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 29.89 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion: 146 Resp: 447948
Ion Ratio Lower Upper
146 100
148 65.1 50.2 75.2
75 37.9 32.7 49.1





#13

1,4-Dichlorobenzene

Concen: 31.74 ng

RT: 6.63 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampled :

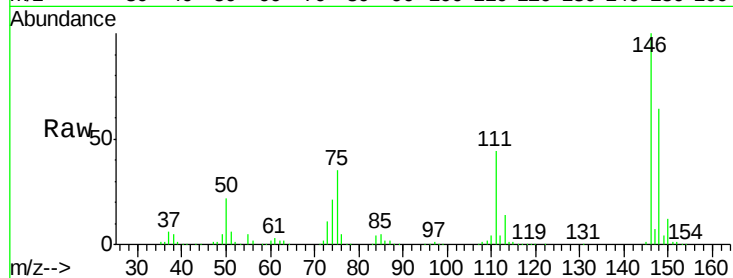
Tot Ion:146 Resp: 481295

Ion Ratio Lower Upper

146 100

148 63.9 50.2 75.2

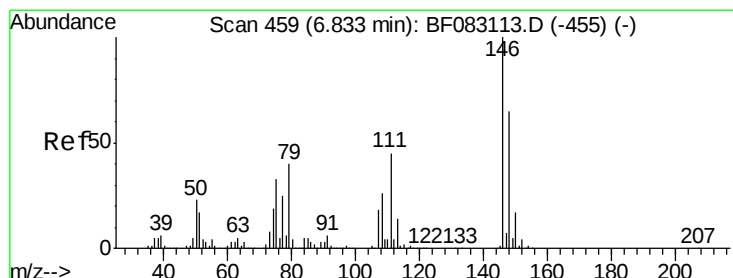
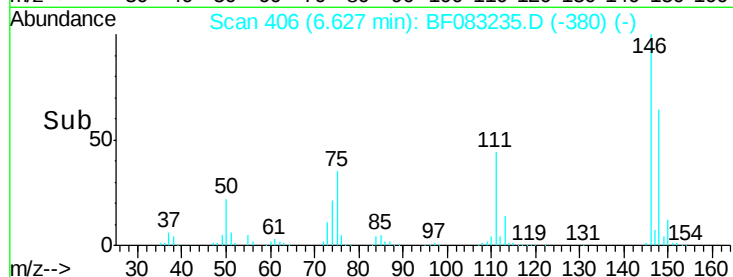
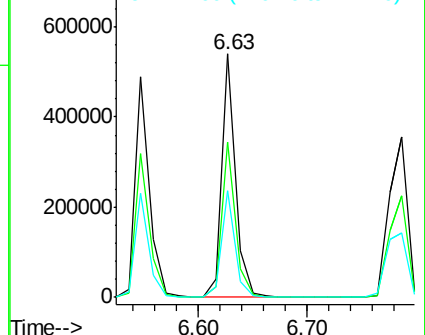
111 43.9 37.5 56.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 30.67 ng

RT: 6.79 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

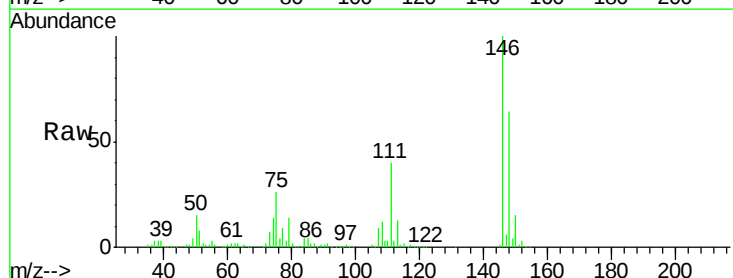
Tgt Ion:146 Resp: 422624

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

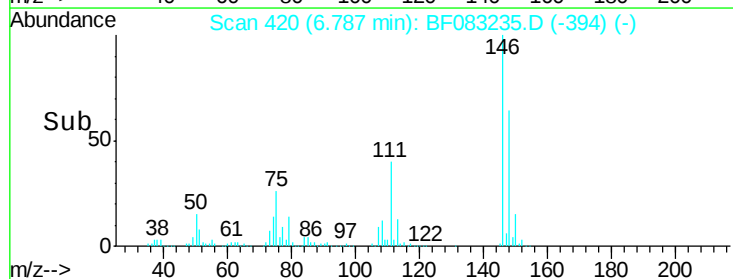
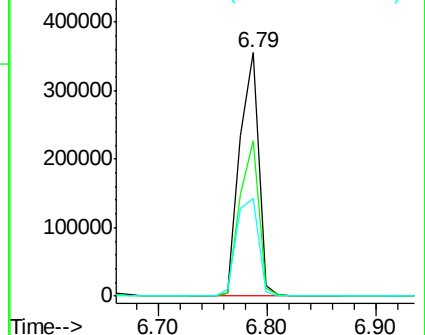
111 40.3 36.2 54.4

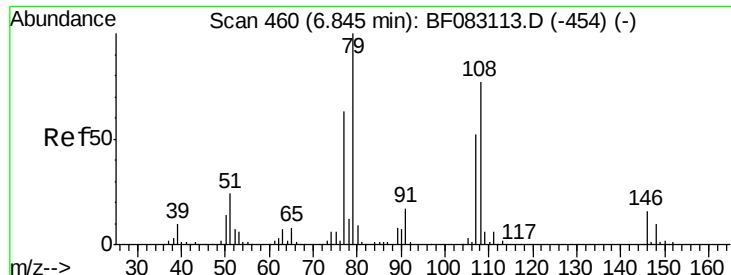


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.02 ng

RT: 6.78 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

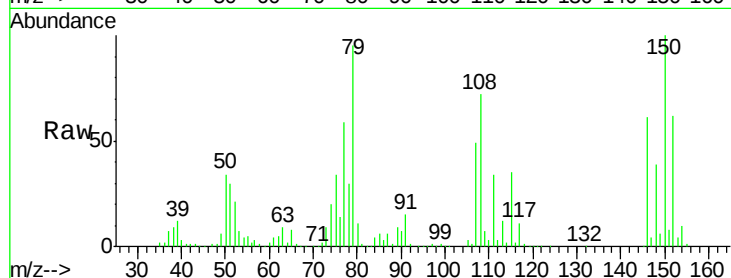
Tot Ion: 79 Resp: 433845

Ion Ratio Lower Upper

79 100

108 75.3 61.4 92.2

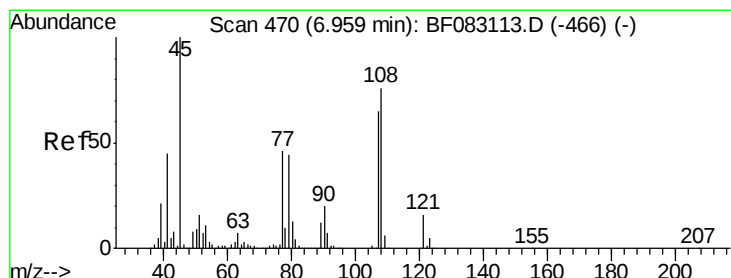
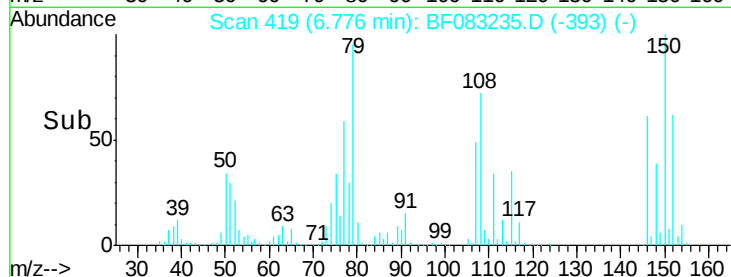
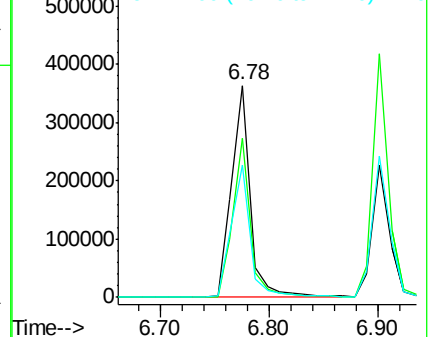
77 62.3 50.5 75.7



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: 38.21 ng

RT: 6.90 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

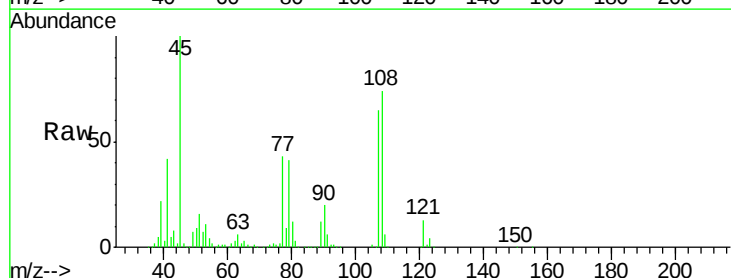
Tgt Ion: 45 Resp: 809079

Ion Ratio Lower Upper

45 100

77 43.3 26.7 66.7

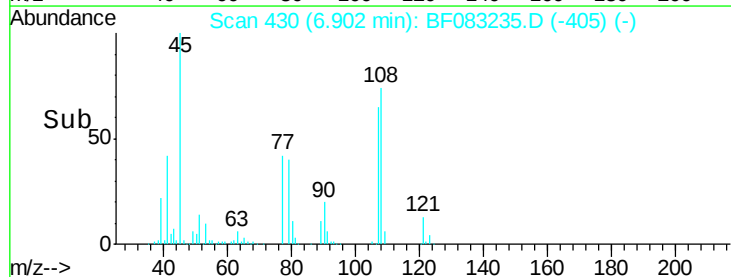
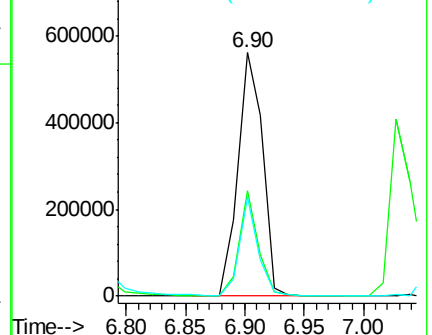
79 40.5 24.3 64.3

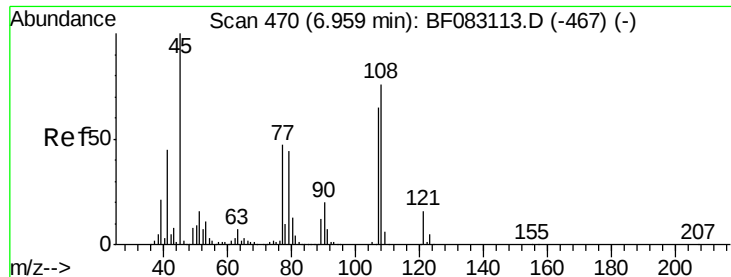


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

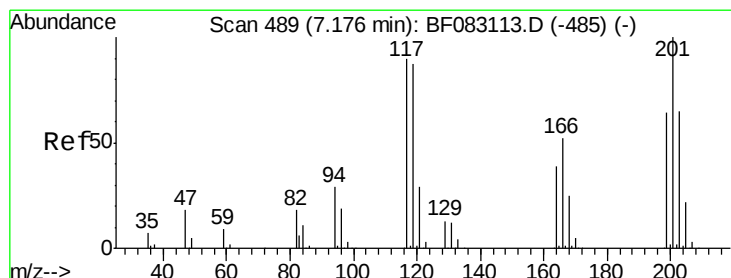
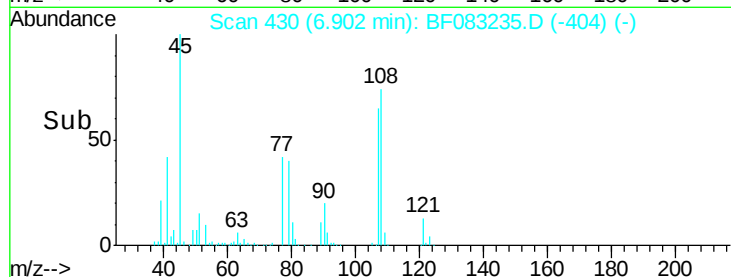
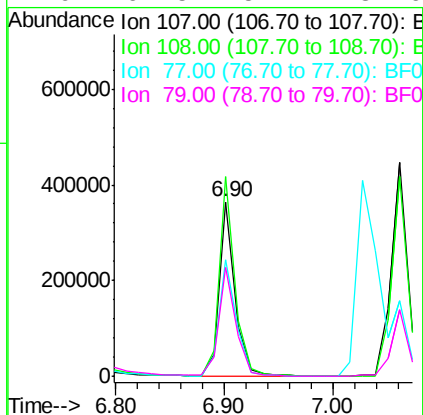
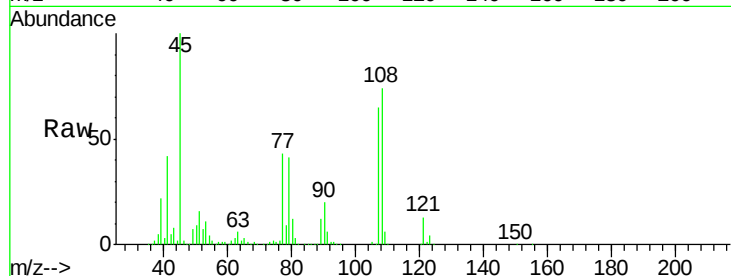




#17
2-Methylphenol
Concen: 33.46 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

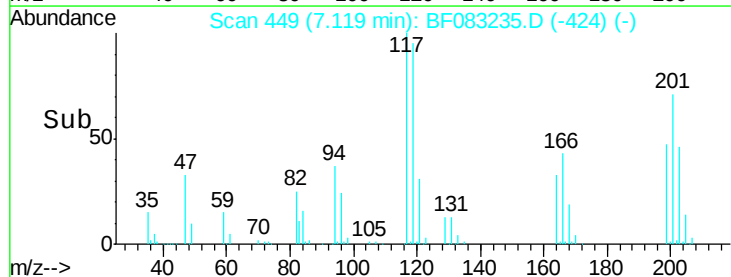
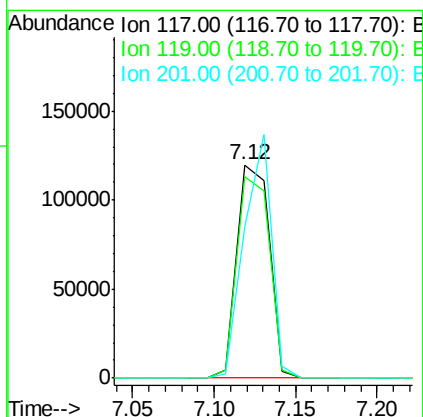
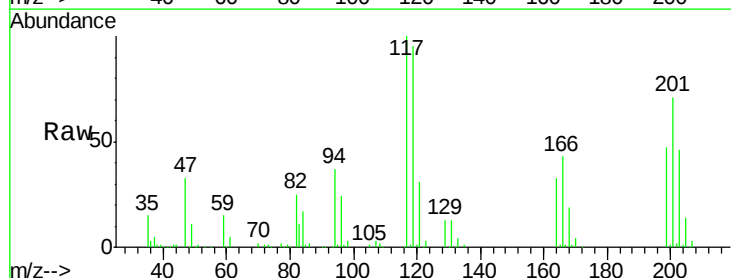
Instrument :
BNA_F
ClientSampleId :

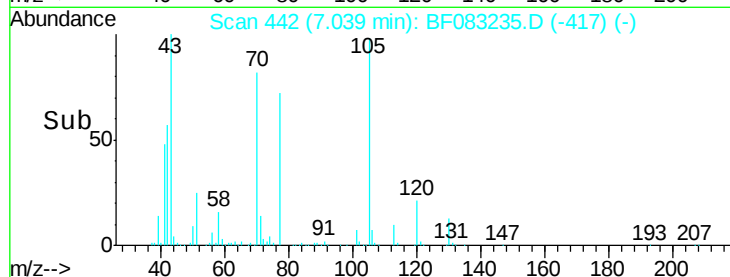
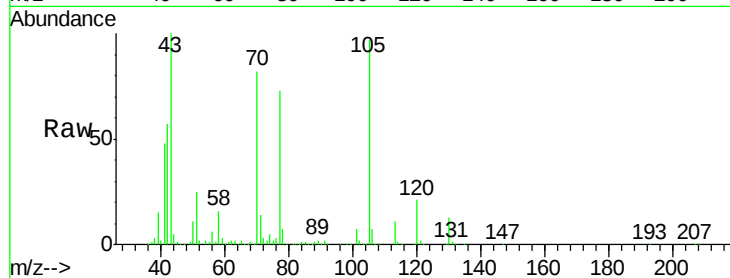
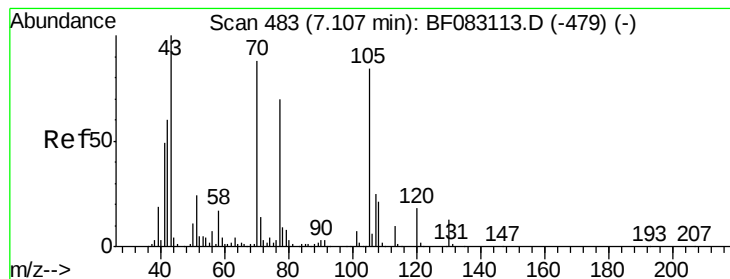
Tot Ion:107 Resp: 363465
Ion Ratio Lower Upper
107 100
108 114.7 93.8 140.6
77 66.7 57.4 86.0
79 62.5 54.4 81.6



#18
Hexachloroethane
Concen: 30.81 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion:117 Resp: 164552
Ion Ratio Lower Upper
117 100
119 94.7 76.8 115.2
201 71.1 88.6 133.0#





#19

n-Nitroso-di-n-propylamine

Concen: 31.20 ng

RT: 7.04 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 341320

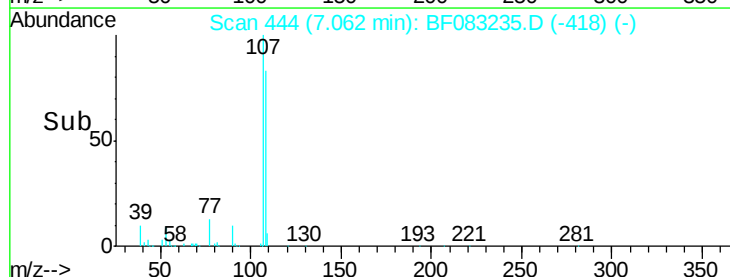
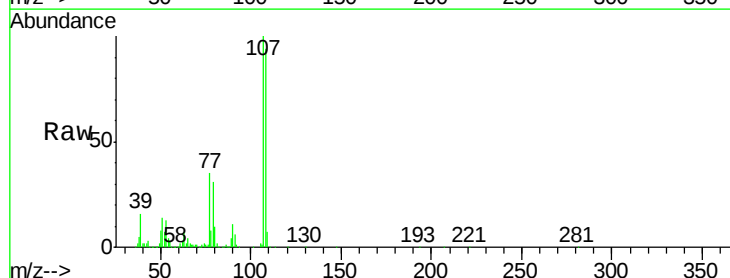
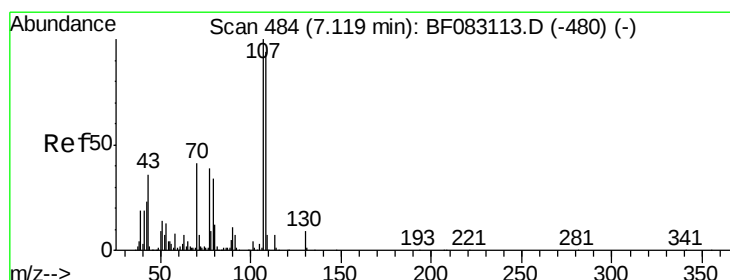
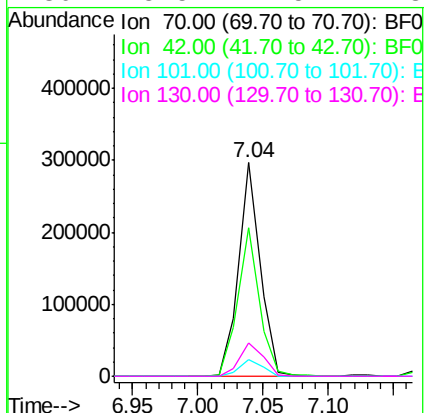
Ion Ratio Lower Upper

70 100

42 69.8 54.5 81.7

101 8.0 6.6 9.8

130 15.5 11.5 17.3



#20

3+4-Methylphenols

Concen: 36.12 ng

RT: 7.06 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Tgt Ion:107 Resp: 496018

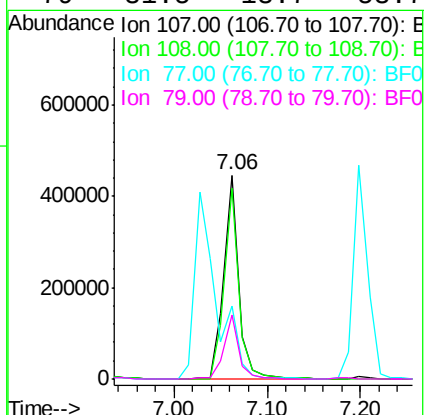
Ion Ratio Lower Upper

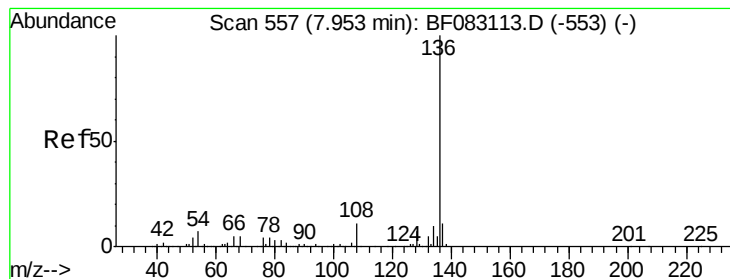
107 100

108 93.6 73.8 113.8

77 35.5 19.1 59.1

79 31.5 13.7 53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 707955

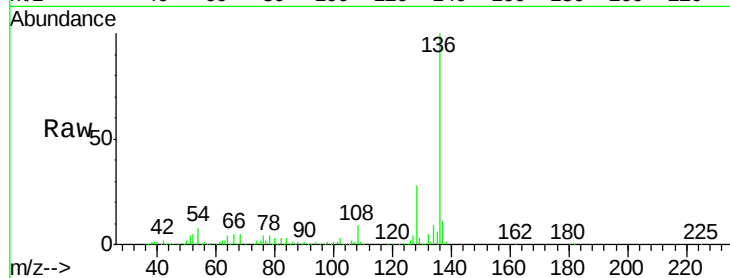
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.6 5.8 8.6

68 5.4 3.8 5.8

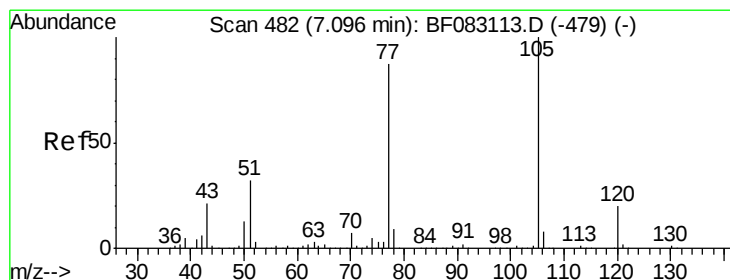
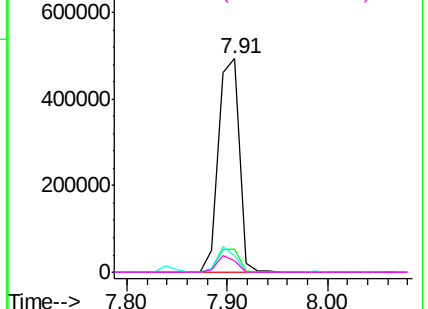
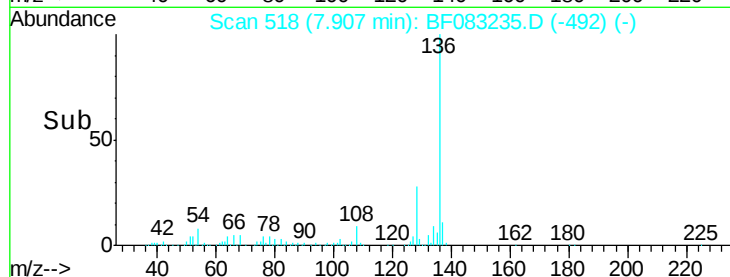


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 30.29 ng

RT: 7.03 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Tgt Ion:105 Resp: 615704

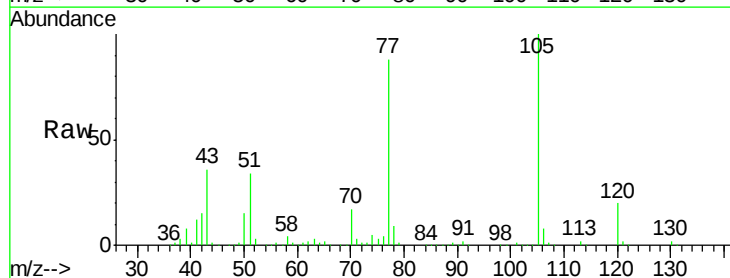
Ion Ratio Lower Upper

105 100

71 3.0 1.0 1.4#

51 34.4 25.6 38.4

120 20.0 15.8 23.6

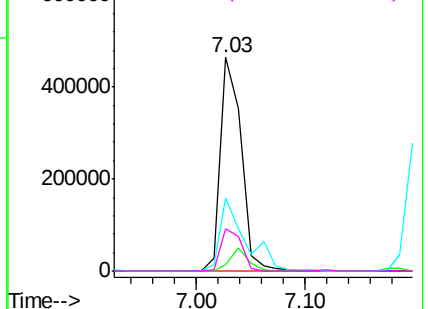
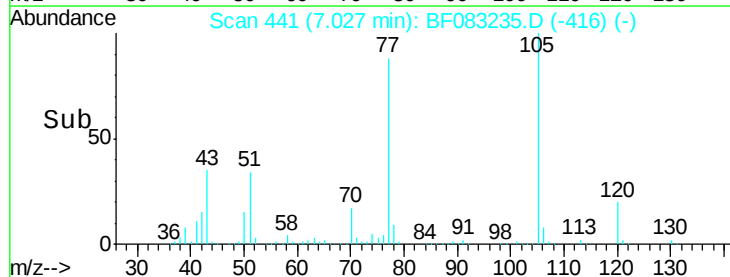


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

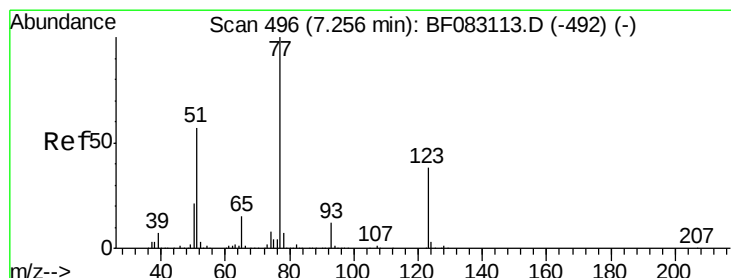
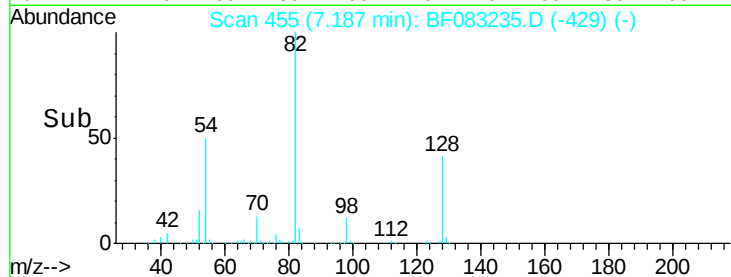
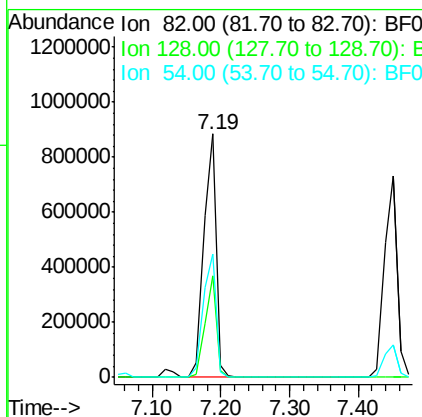
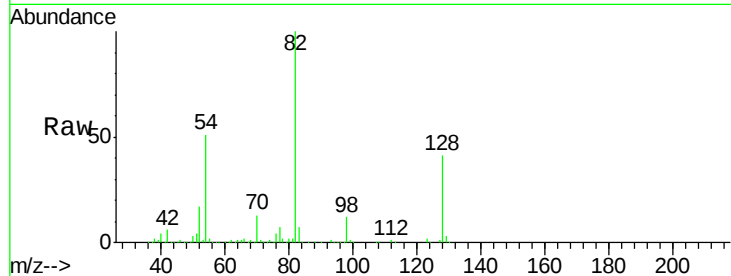




#23
 Nitrobenzene-d5
 Concen: 70.00 ng
 RT: 7.19 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

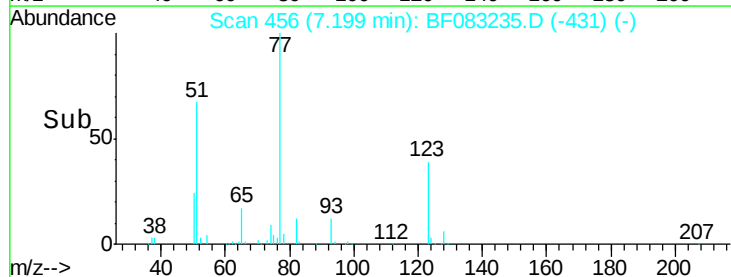
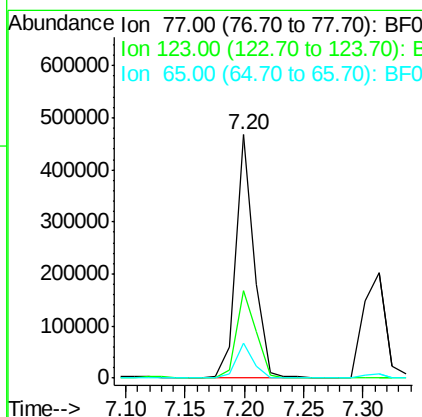
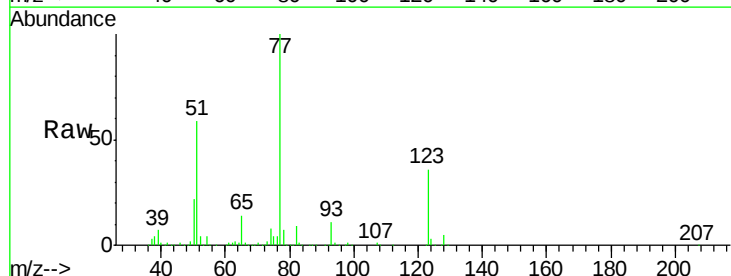
Instrument :
 BNA_F
 ClientSampled :

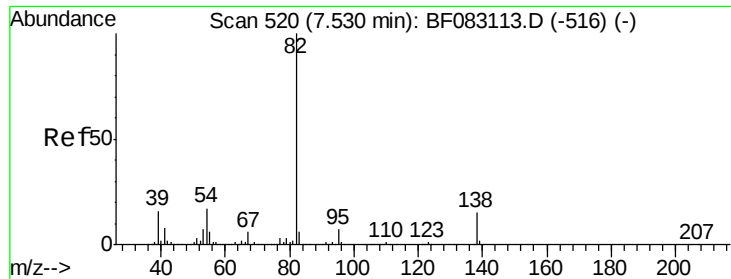
Tot Ion: 82 Resp: 1084465
 Ion Ratio Lower Upper
 82 100
 128 41.5 28.5 42.7
 54 50.9 44.6 67.0



#24
 Nitrobenzene
 Concen: 29.97 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion: 77 Resp: 496127
 Ion Ratio Lower Upper
 77 100
 123 36.1 30.1 45.1
 65 14.4 11.6 17.4





#25

Isophorone

Concen: 31.83 ng

RT: 7.45 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampled :

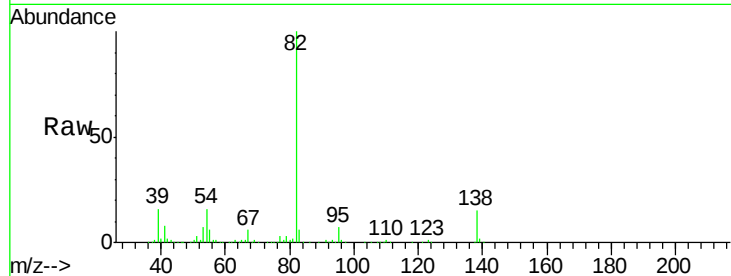
Tot Ion: 82 Resp: 933827

Ion Ratio Lower Upper

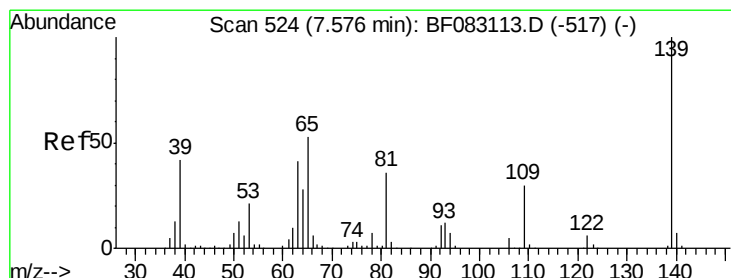
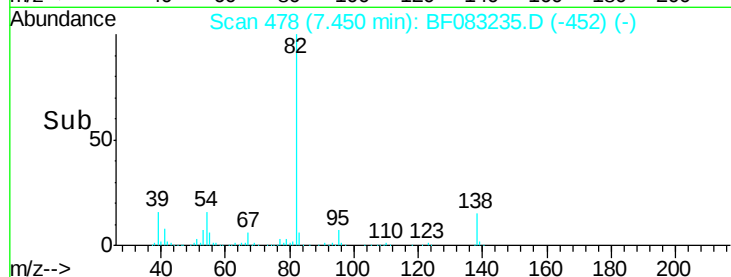
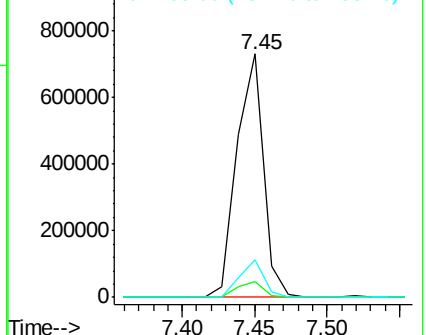
82 100

95 6.7 5.8 8.8

138 15.5 11.6 17.4



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



#26

2-Nitrophenol

Concen: 28.83 ng

RT: 7.52 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

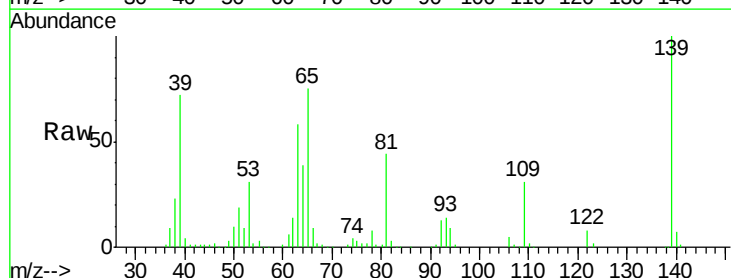
Tgt Ion: 139 Resp: 210731

Ion Ratio Lower Upper

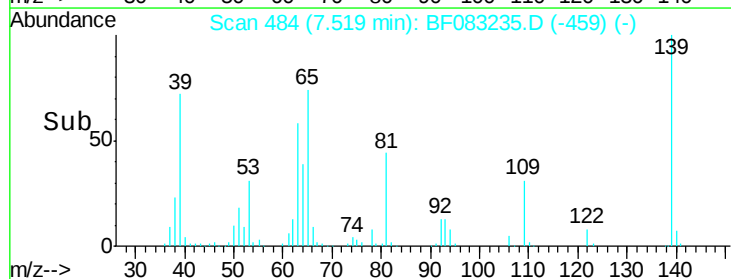
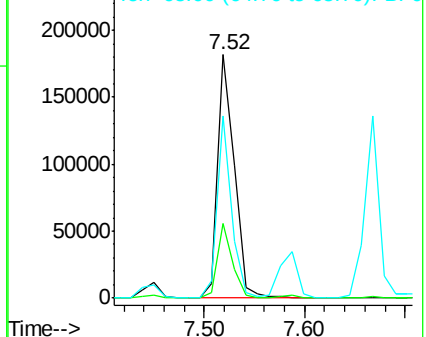
139 100

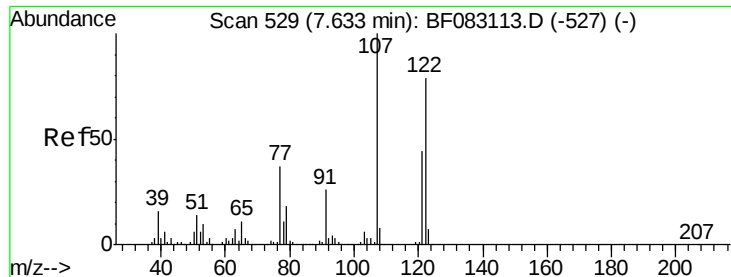
109 30.5 23.9 35.9

65 74.6 42.7 64.1#



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

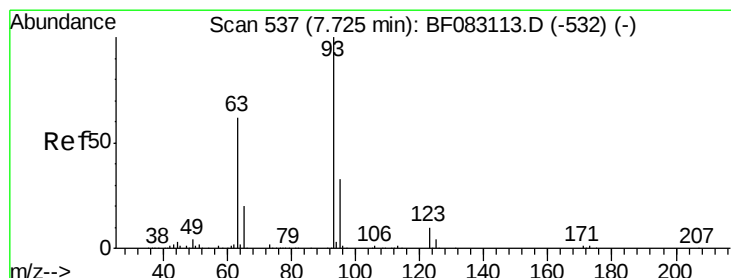
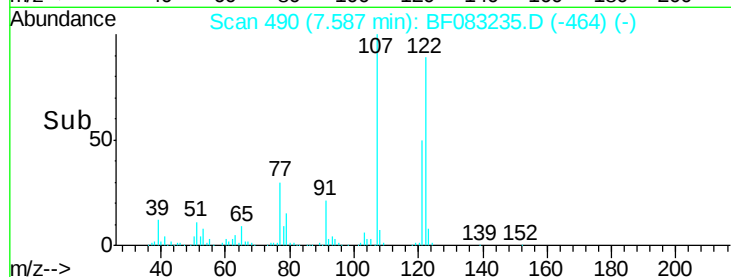
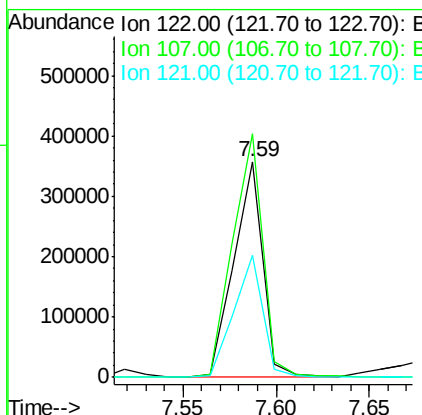
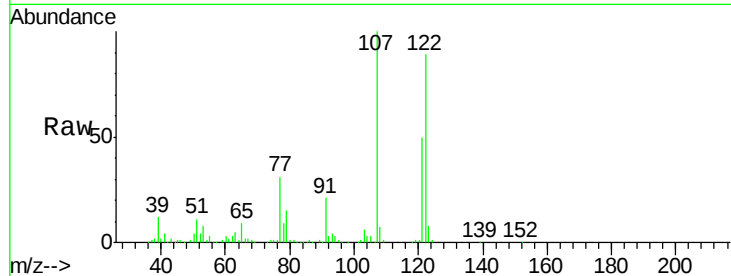




#27
 2,4-Dimethylphenol
 Concen: 33.43 ng
 RT: 7.59 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

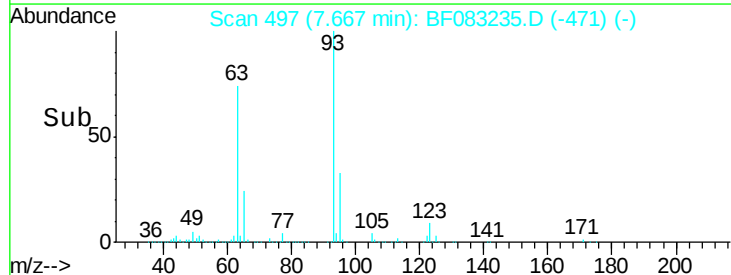
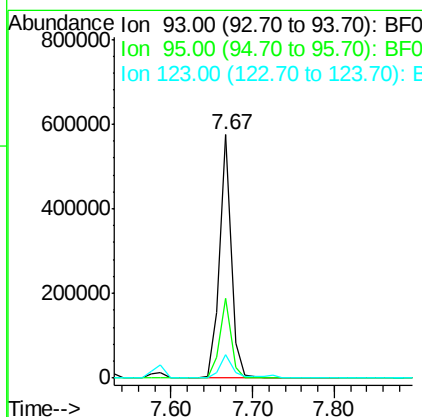
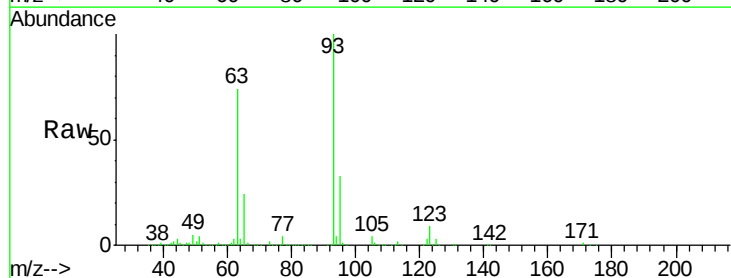
Instrument :
 BNA_F
 ClientSampleId :

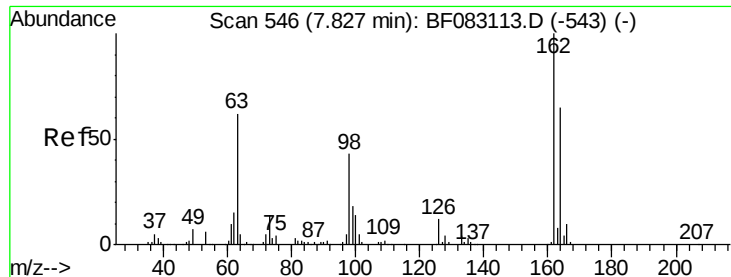
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	101.1	151.7
121	56.6	44.9	67.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.47 ng
 RT: 7.67 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	9.4	8.1	12.1

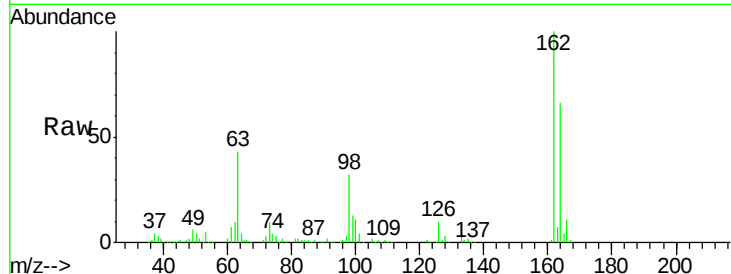




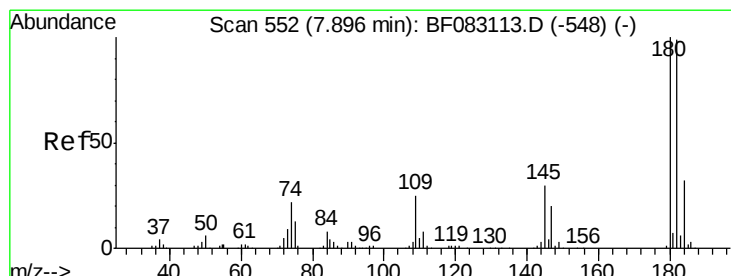
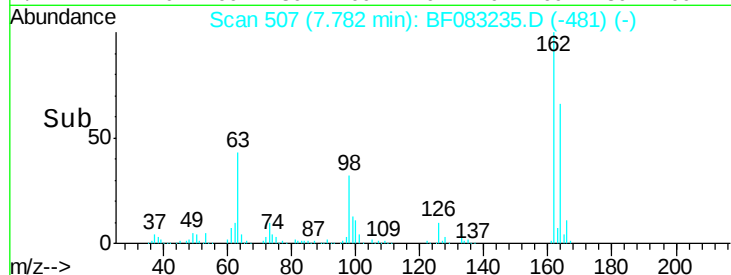
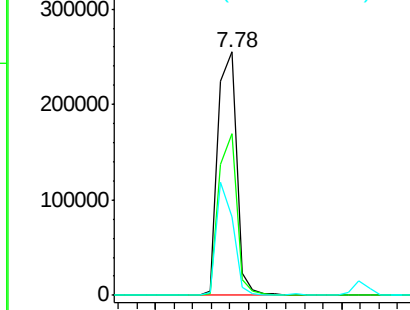
#29
 2,4-Dichlorophenol
 Concen: 32.10 ng
 RT: 7.78 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	44.8	84.8
98	32.2	23.1	63.1

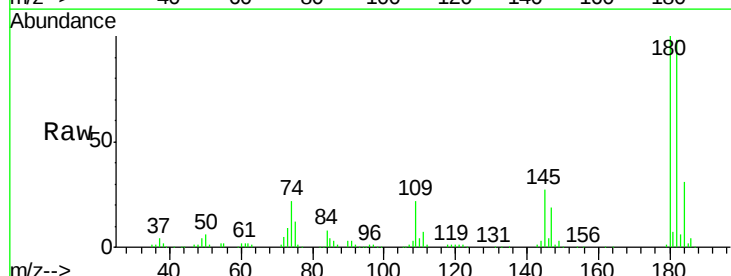


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

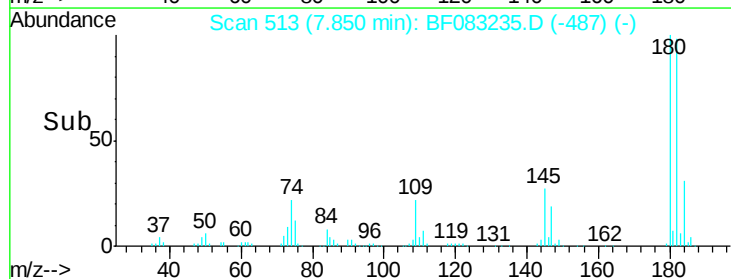
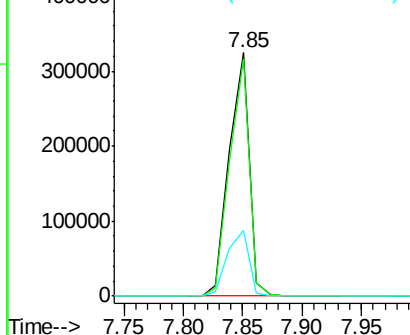


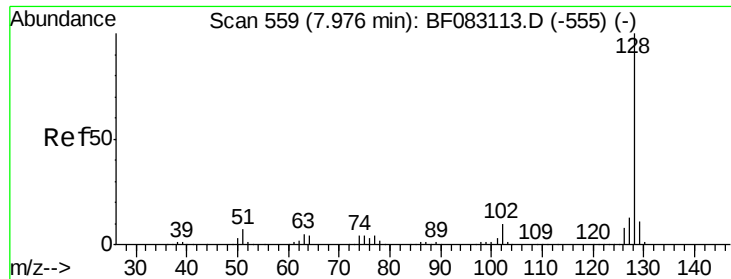
#30
 1,2,4-Trichlorobenzene
 Concen: 31.25 ng
 RT: 7.85 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	79.0	118.6
145	27.0	24.2	36.2



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

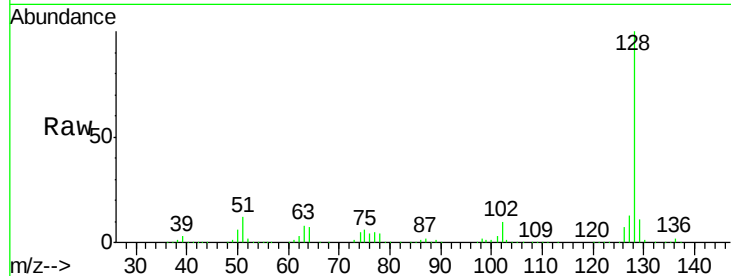




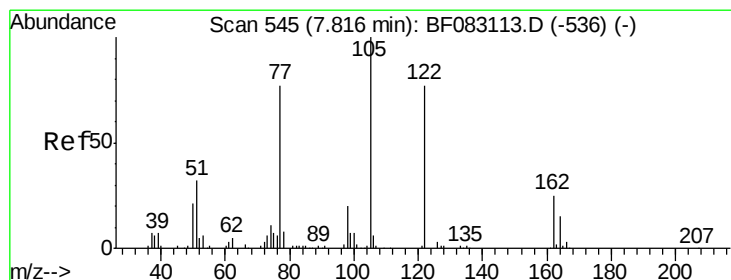
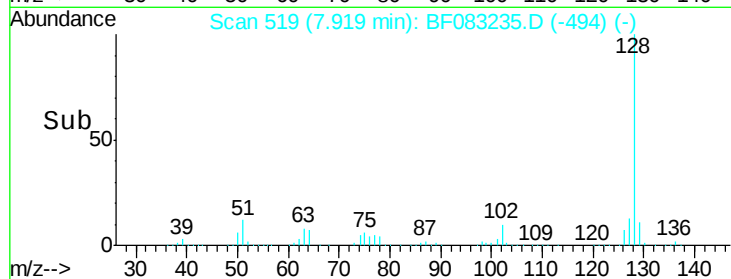
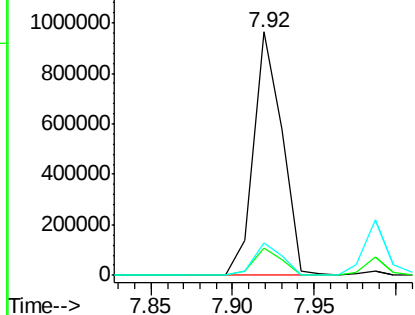
#31
Naphthalene
Concen: 30.77 ng
RT: 7.92 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1175704
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.3 10.6 15.8

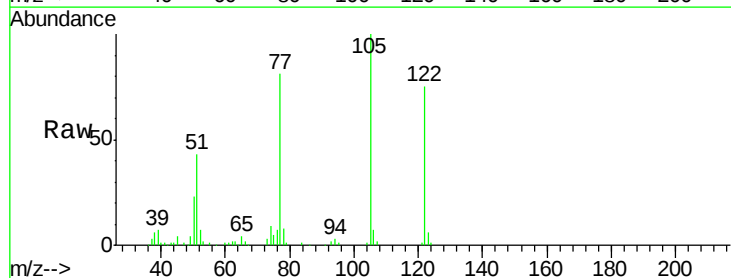


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

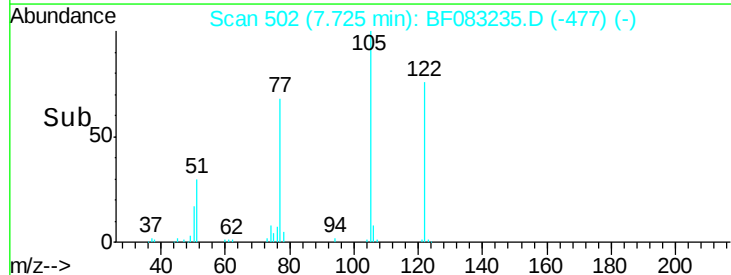
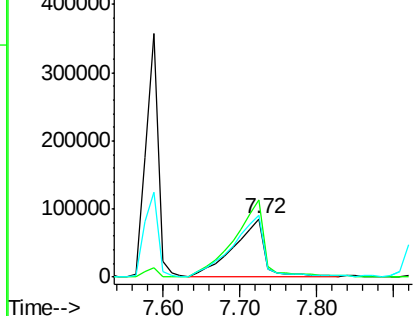


#32
Benzoic acid
Concen: 26.05 ng
RT: 7.72 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion:122 Resp: 236144
Ion Ratio Lower Upper
122 100
105 132.6 109.7 149.7
77 107.4 79.7 119.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

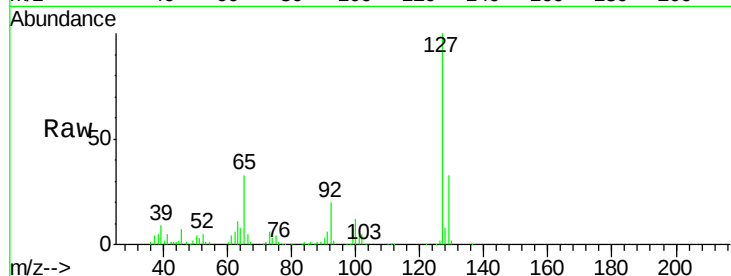




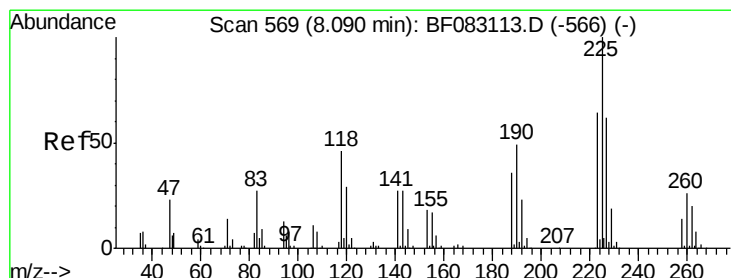
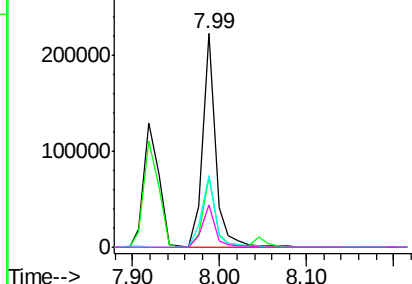
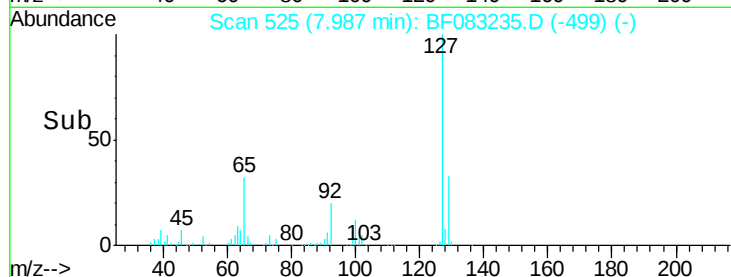
#33
4-Chloroaniline
Concen: 15.39 ng
RT: 7.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	228137
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	33.5	35.5	53.3#
92	19.8	19.4	29.2

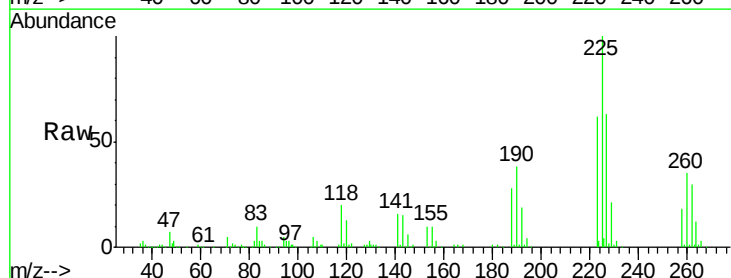


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

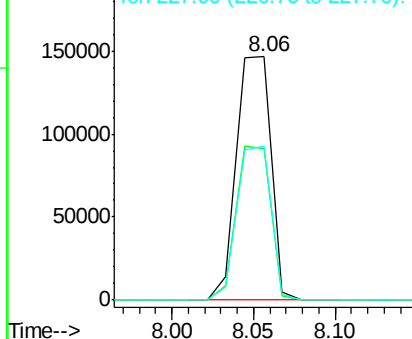
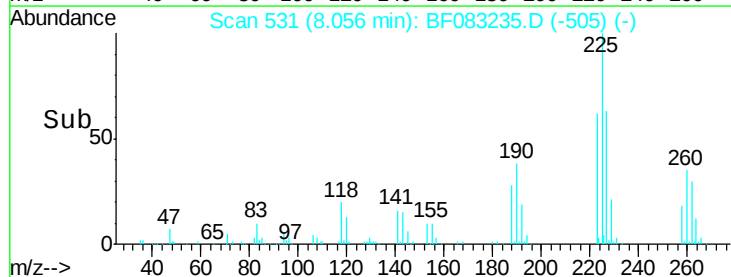


#34
Hexachlorobutadiene
Concen: 29.71 ng
RT: 8.06 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion:	225	Resp:	213985
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.3	76.9
227	63.1	49.8	74.8



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

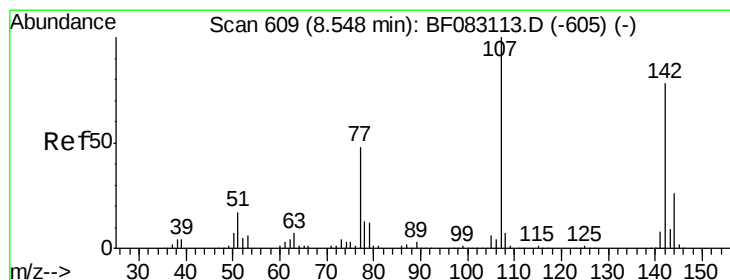
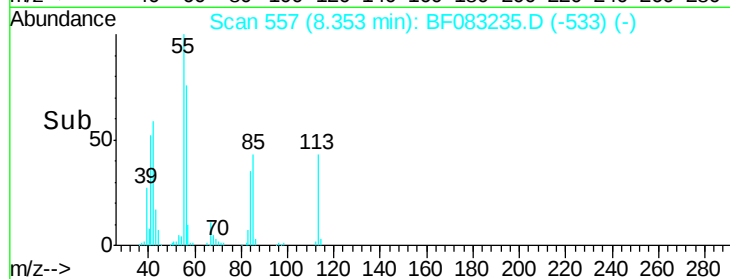
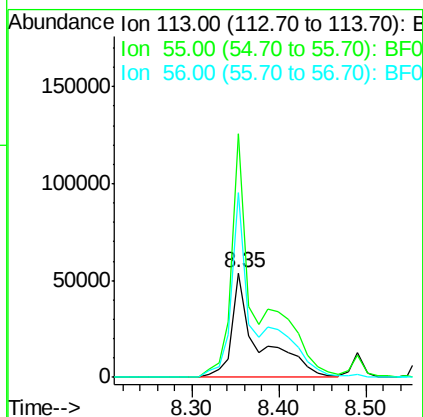
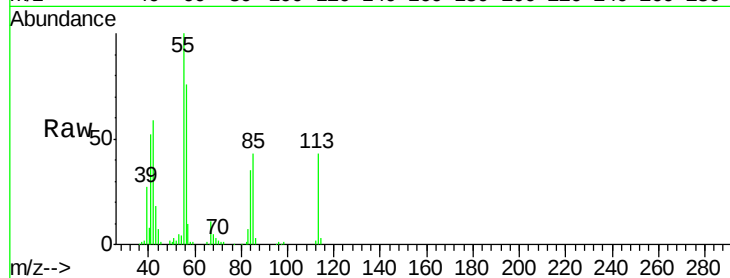




#35
 Caprolactam
 Concen: 32.34 ng
 RT: 8.35 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

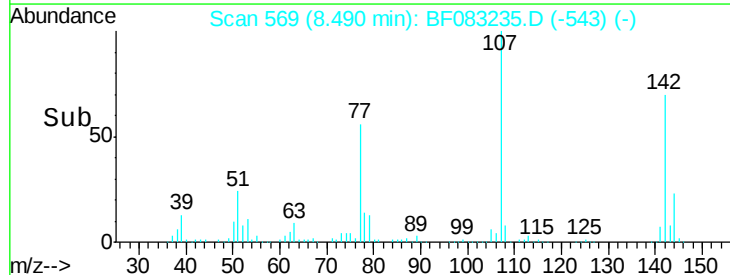
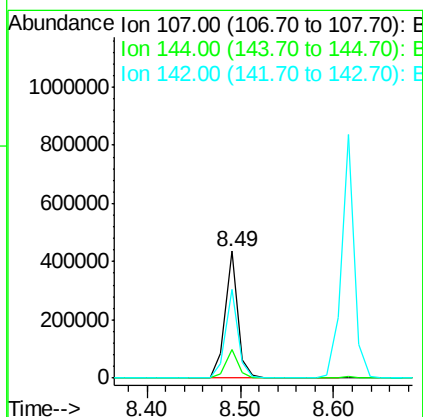
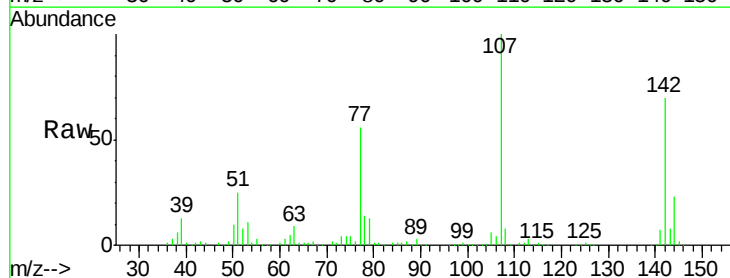
Instrument :
 BNA_F
 ClientSampleId :

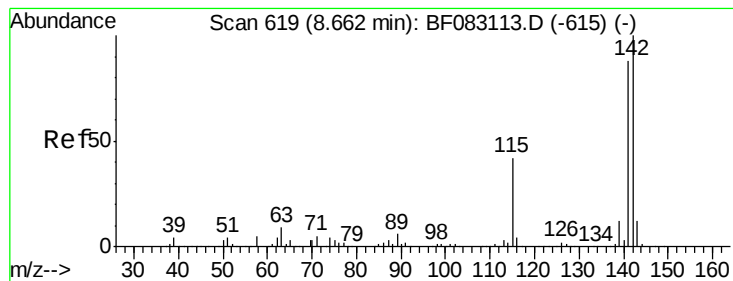
Tot Ion:113 Resp: 114967
 Ion Ratio Lower Upper
 113 100
 55 232.7 192.6 232.6#
 56 176.8 148.6 188.6



#36
 4-Chloro-3-methylphenol
 Concen: 32.06 ng
 RT: 8.49 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion:107 Resp: 411929
 Ion Ratio Lower Upper
 107 100
 144 22.7 20.8 31.2
 142 69.8 62.1 93.1

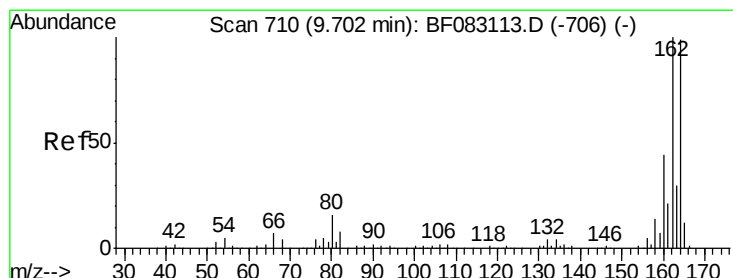
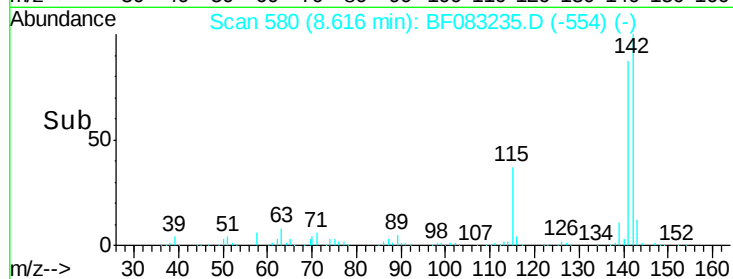
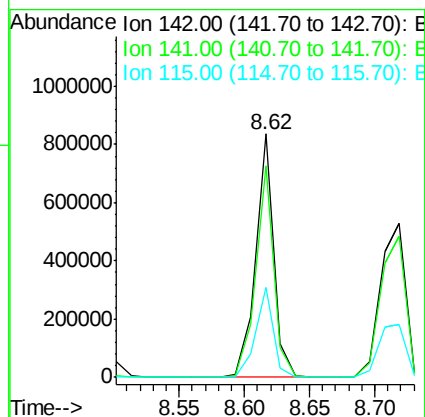
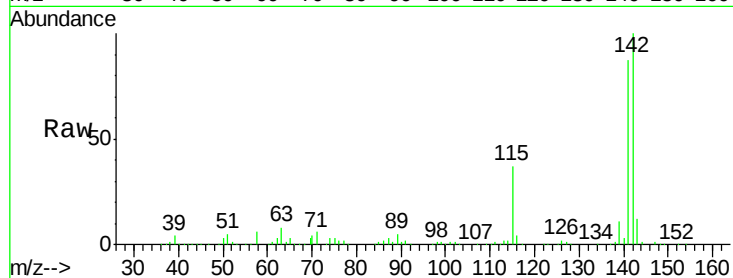




#37
 2-Methylnaphthalene
 Concen: 32.54 ng
 RT: 8.62 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

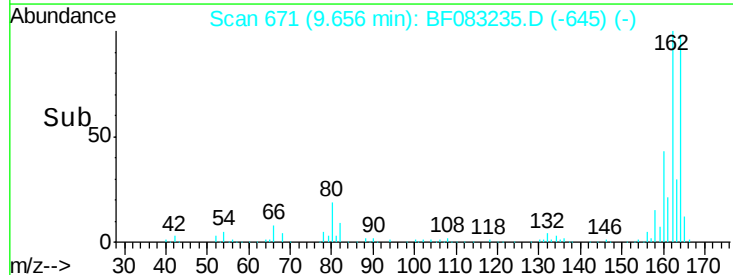
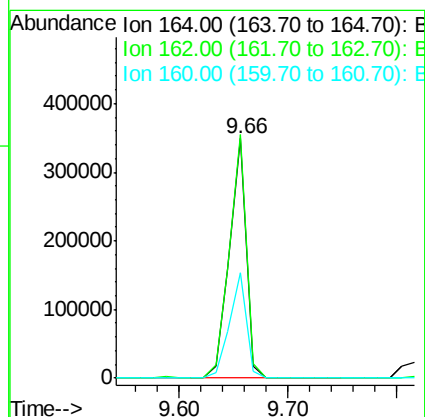
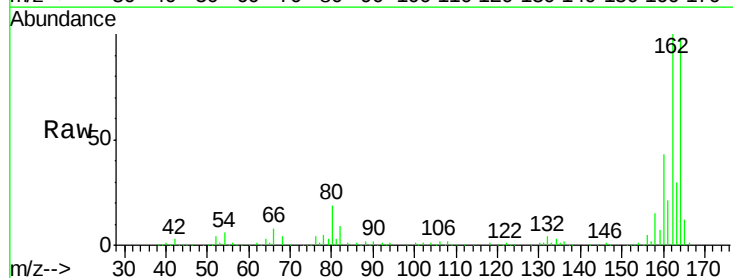
Instrument :
 BNA_F
 ClientSampled :

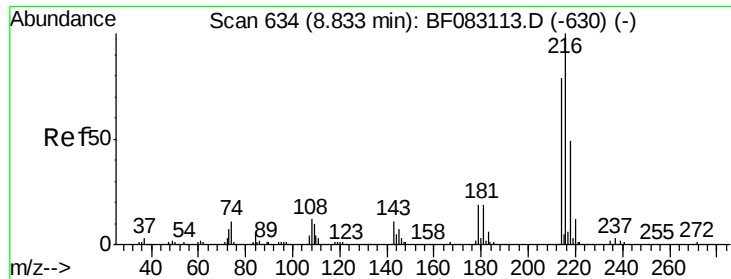
Tot Ion:142 Resp: 806858
 Ion Ratio Lower Upper
 142 100
 141 86.9 70.3 105.5
 115 37.2 33.4 50.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion:164 Resp: 373728
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.2 121.8
 160 44.1 35.6 53.4

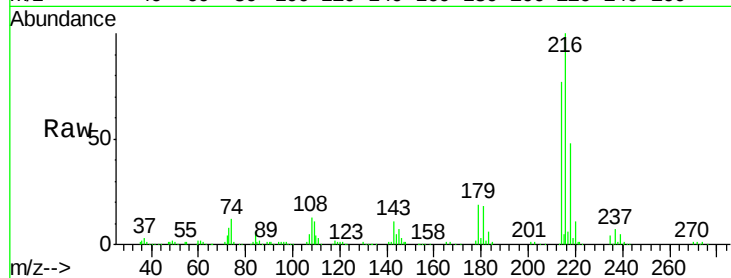




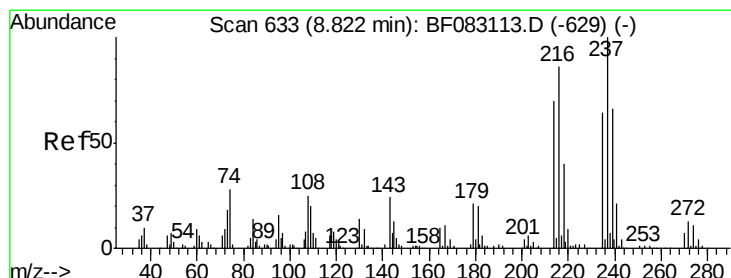
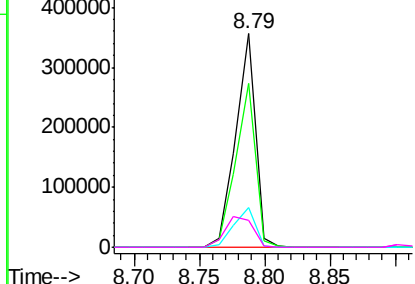
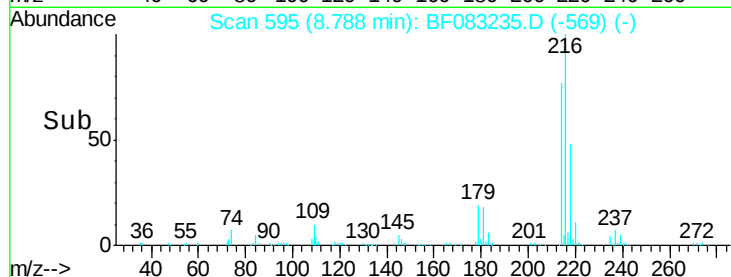
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.88 ng
 RT: 8.79 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	374045
Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.8	95.8
179	20.4	17.0	25.6
108	20.6	15.2	22.8

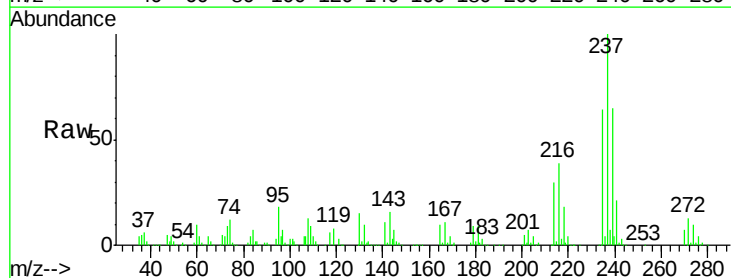


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

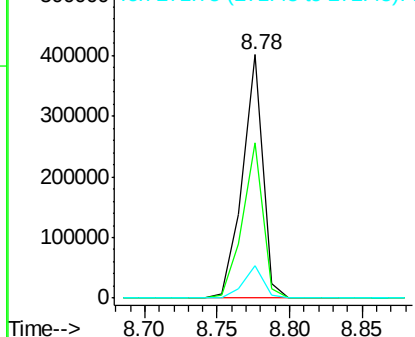
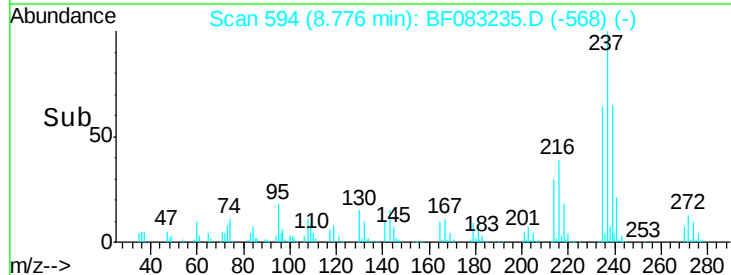


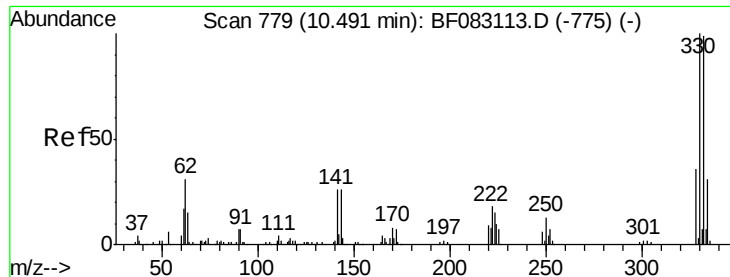
#40
 Hexachlorocyclopentadiene
 Concen: 56.95 ng
 RT: 8.78 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion:	237	Resp:	392269
Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.5	83.5
272	13.2	0.0	33.1



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

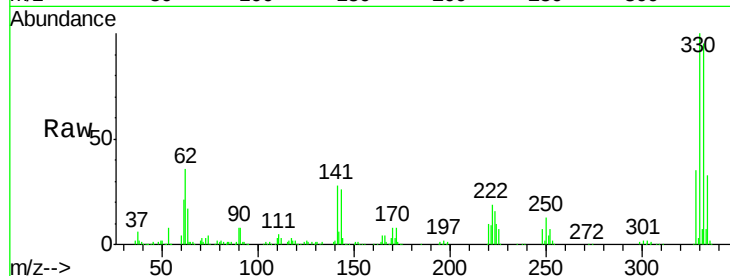




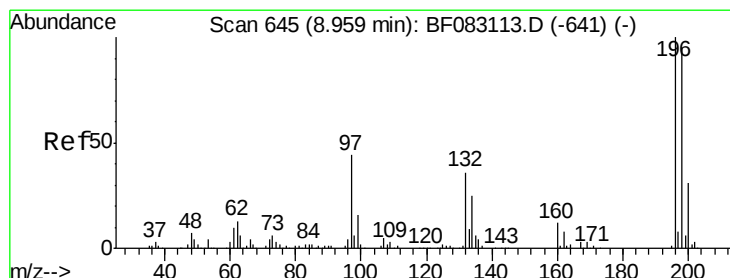
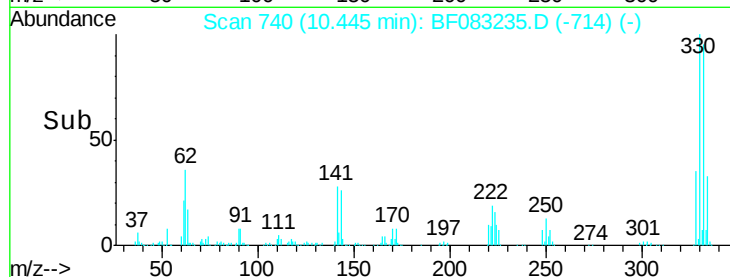
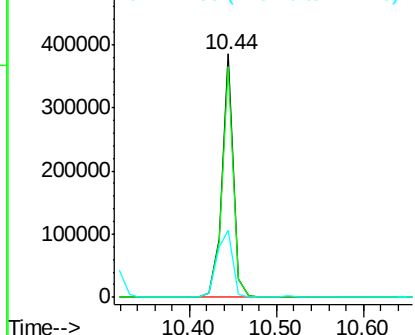
#41
 2,4,6-Tribromophenol
 Concen: 93.51 ng
 RT: 10.44 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 357539
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.7 116.5
 141 37.9 29.7 44.5

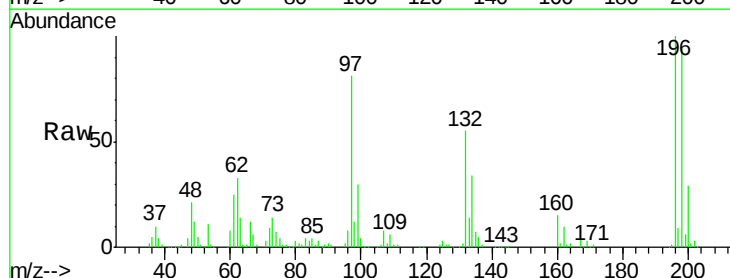


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

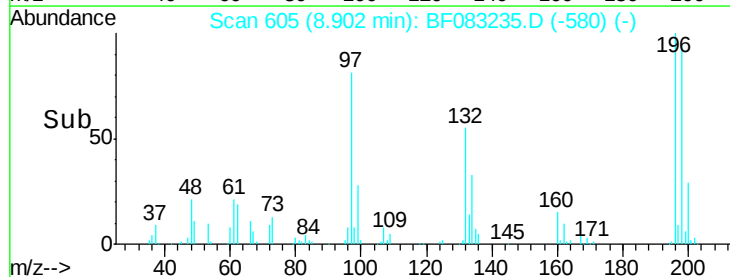
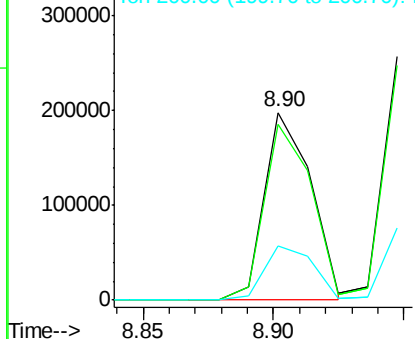


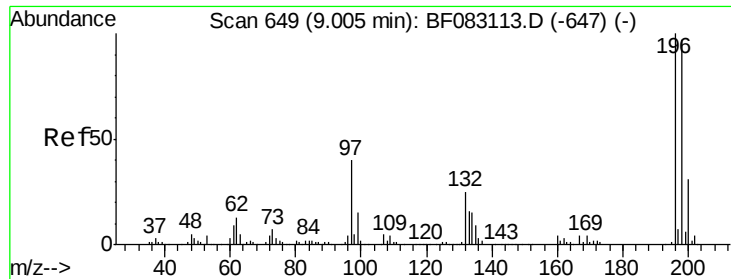
#42
 2,4,6-Trichlorophenol
 Concen: 28.55 ng
 RT: 8.90 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion:196 Resp: 247670
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.9 113.9
 200 28.7 24.5 36.7



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

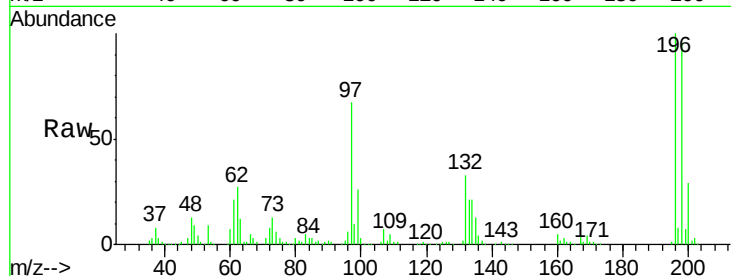




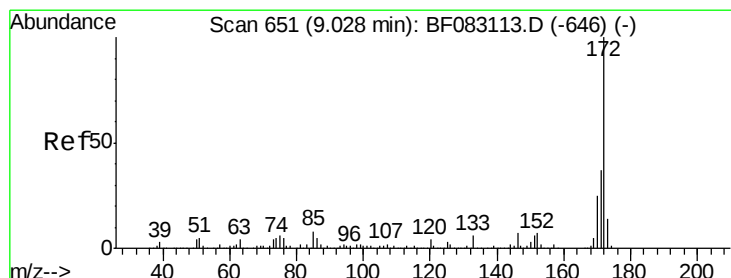
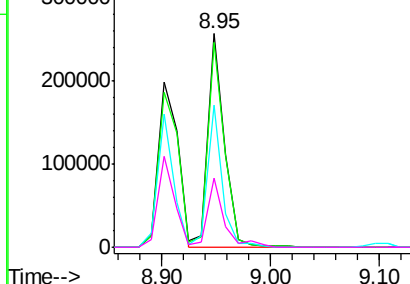
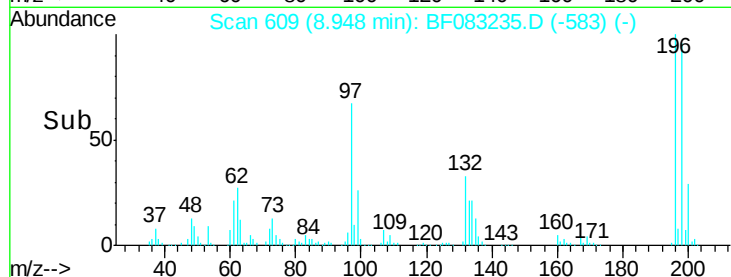
#43
 2,4,5-Trichlorophenol
 Concen: 30.94 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.6	116.4
97	66.5	32.6	48.8#
132	32.6	19.8	29.8#

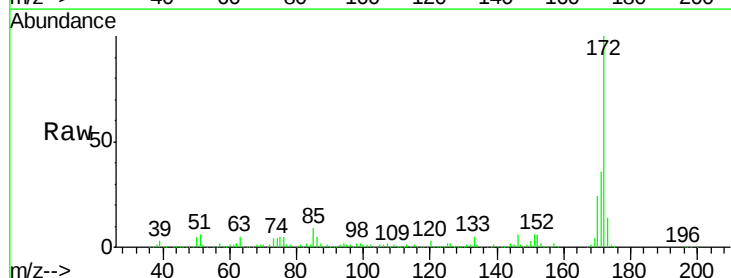


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

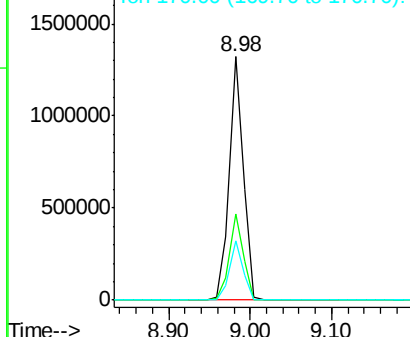
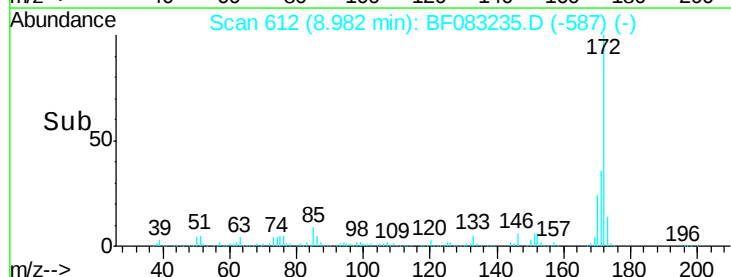


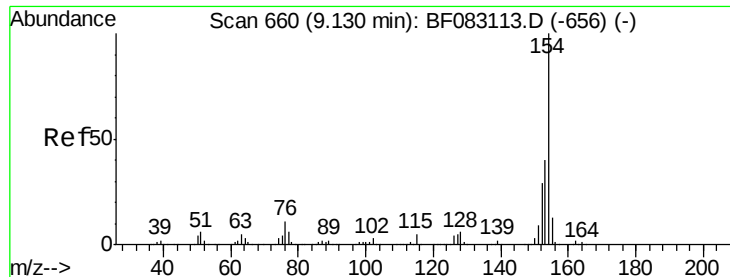
#44
 2-Fluorobiphenyl
 Concen: 59.10 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.5	44.3
170	24.1	19.9	29.9



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





#45

1,1'-Biphenyl

Concen: 31.32 ng

RT: 9.08 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampled :

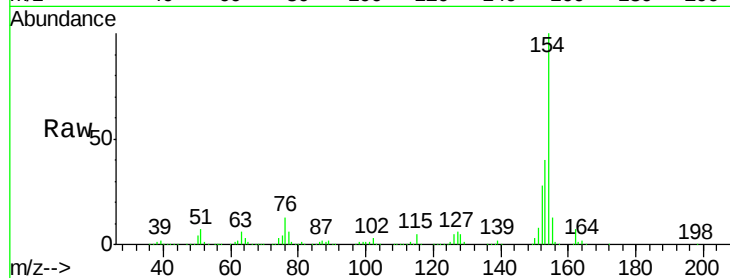
Tot Ion:154 Resp: 996152

Ion Ratio Lower Upper

154 100

153 40.1 20.5 60.5

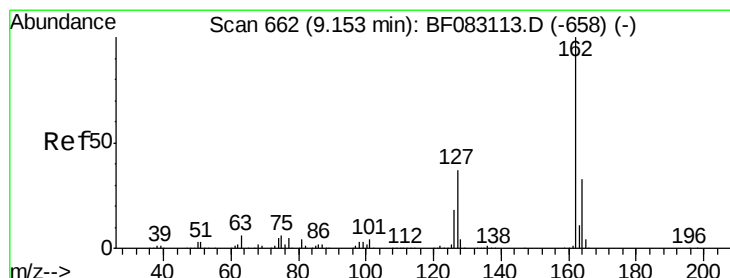
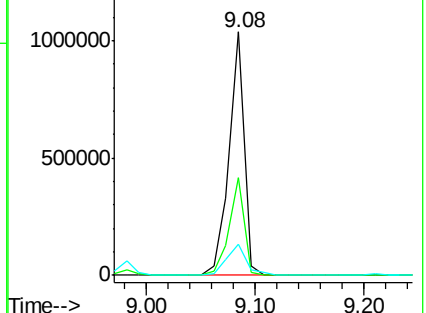
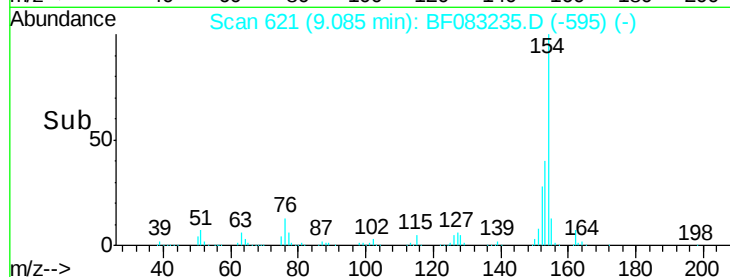
76 12.6 0.0 31.2



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): E



#46

2-Chloronaphthalene

Concen: 29.89 ng

RT: 9.11 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

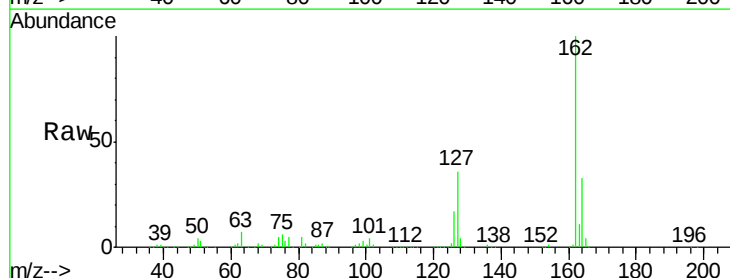
Tgt Ion:162 Resp: 746869

Ion Ratio Lower Upper

162 100

127 35.8 29.4 44.2

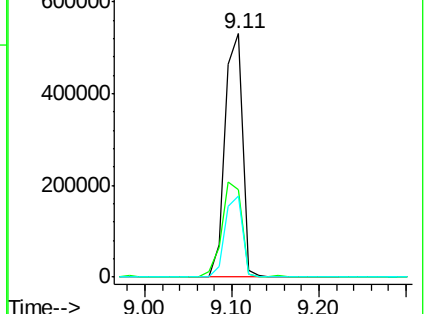
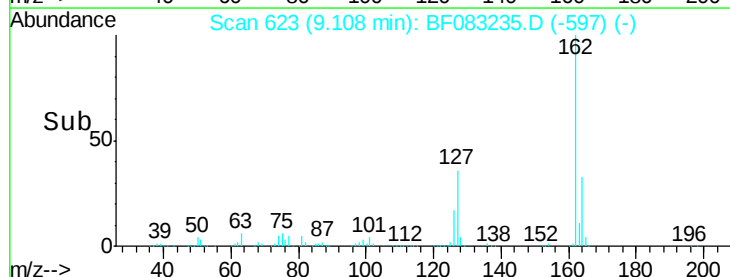
164 33.2 26.2 39.4

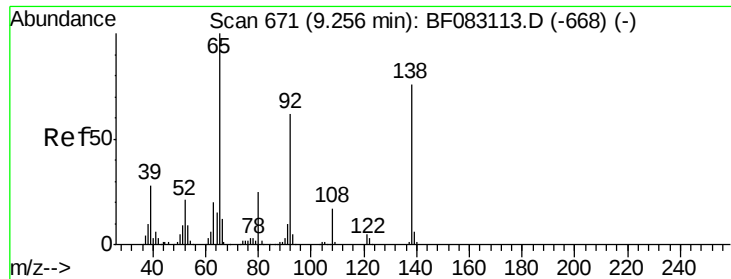


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

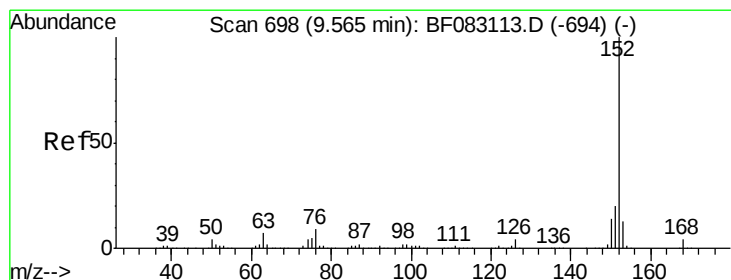
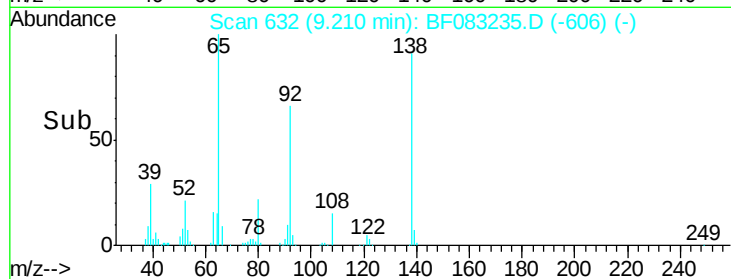
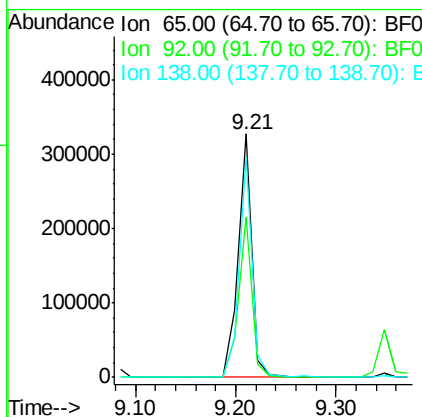
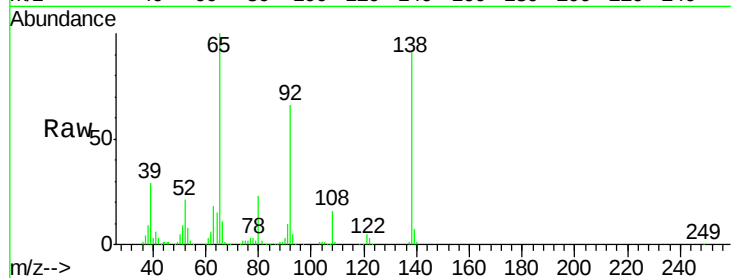




#47
2-Nitroaniline
Concen: 35.00 ng
RT: 9.21 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

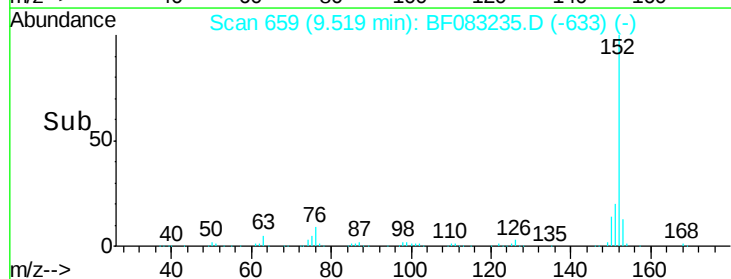
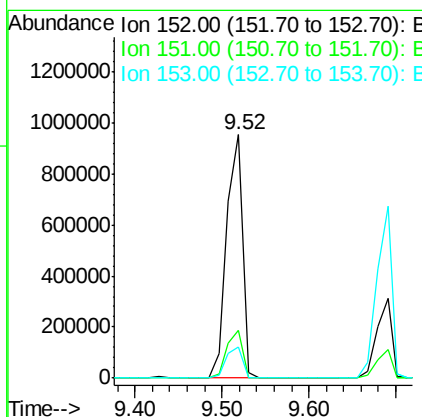
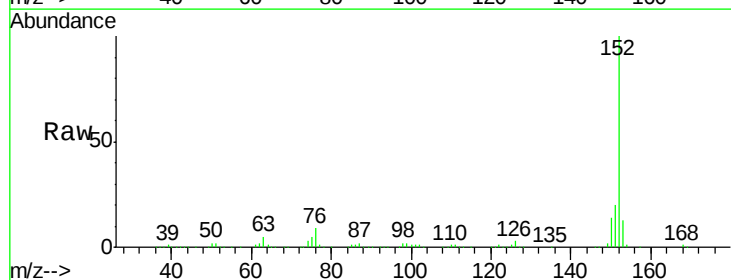
Instrument :
BNA_F
ClientSampleId :

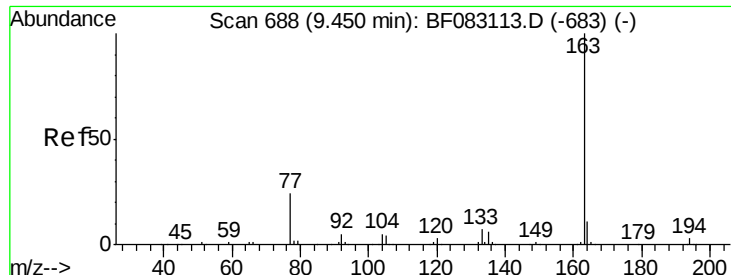
Tot Ion: 65 Resp: 309310
Ion Ratio Lower Upper
65 100
92 65.8 49.5 74.3
138 90.8 60.7 91.1



#48
Acenaphthylene
Concen: 31.41 ng
RT: 9.52 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion: 152 Resp: 1216207
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 12.9 10.8 16.2

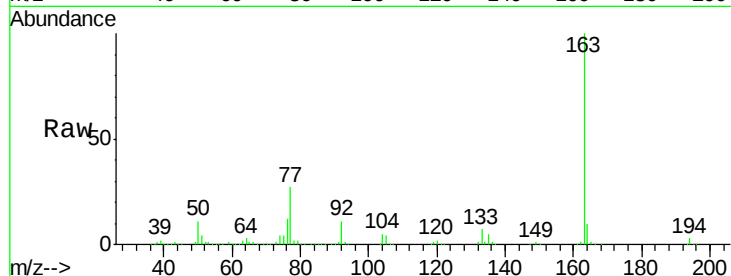




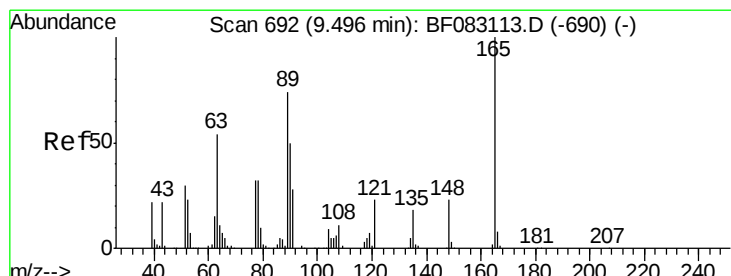
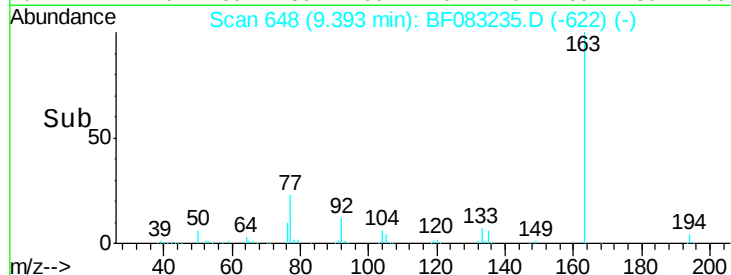
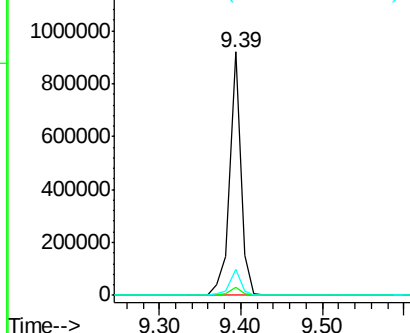
#49
Dimethylphthalate
Concen: 30.28 ng
RT: 9.39 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 871127
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.5 8.6 12.8

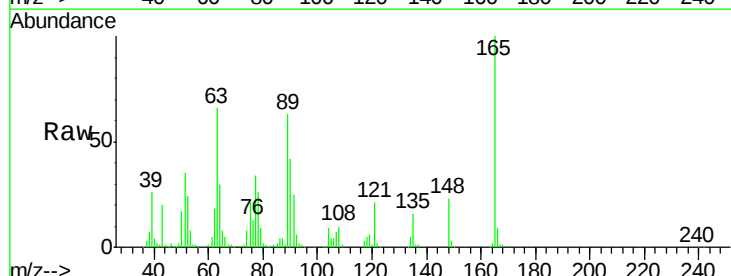


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

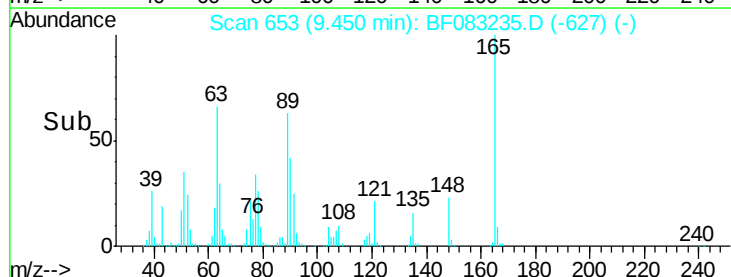
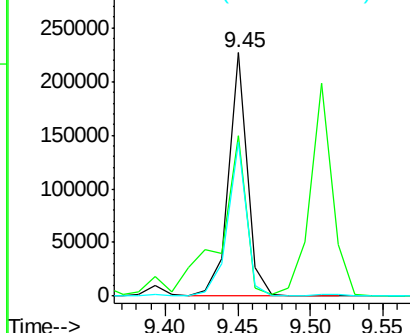


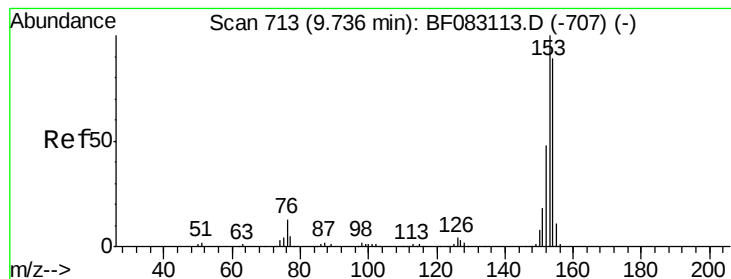
#50
2,6-Dinitrotoluene
Concen: 31.51 ng
RT: 9.45 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion:165 Resp: 203438
Ion Ratio Lower Upper
165 100
63 65.9 62.5 93.7
89 63.2 59.1 88.7



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: 30.33 ng

RT: 9.69 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

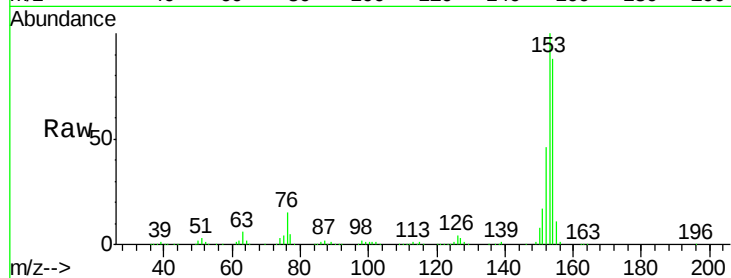
Tot Ion:154 Resp: 714727

Ion Ratio Lower Upper

154 100

153 113.5 89.6 134.4

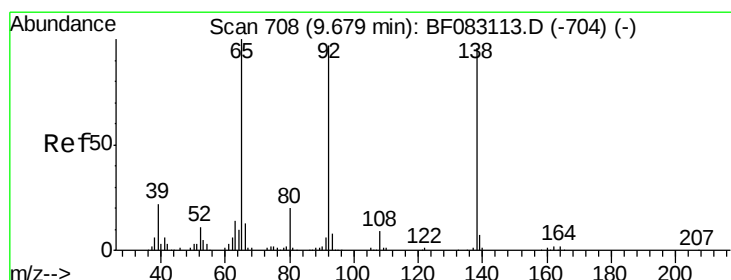
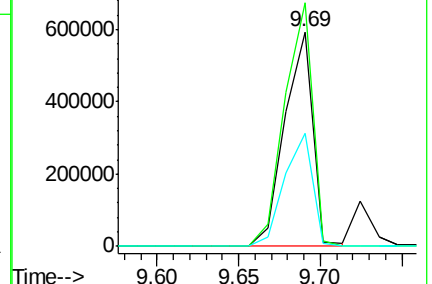
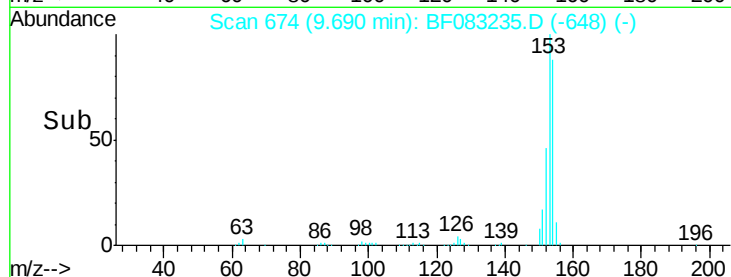
152 52.5 43.3 64.9



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: 18.79 ng

RT: 9.62 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

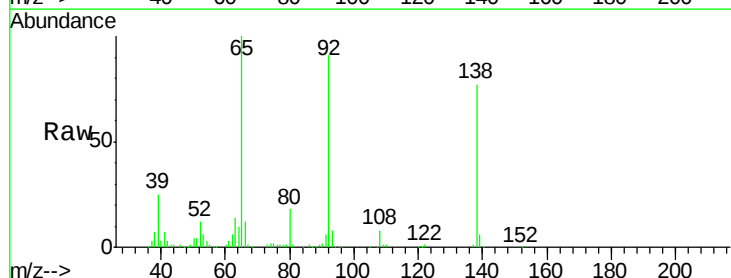
Tgt Ion:138 Resp: 129305

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.6

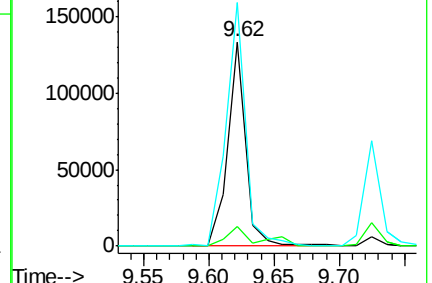
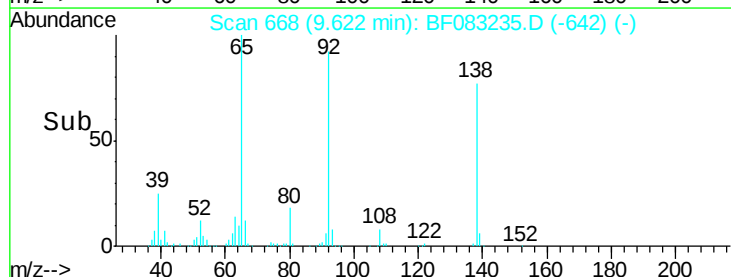
92 119.3 81.1 121.7

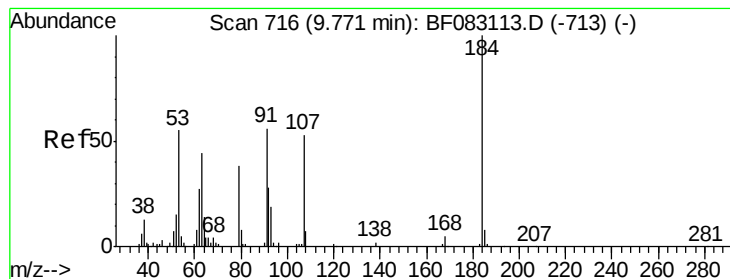


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 55.25 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

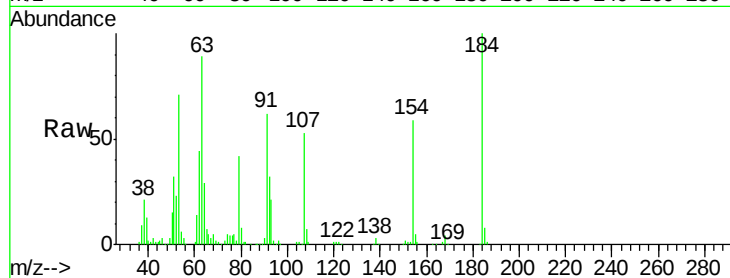
Tot Ion:184 Resp: 205498

Ion Ratio Lower Upper

184 100

63 88.9 60.5 90.7

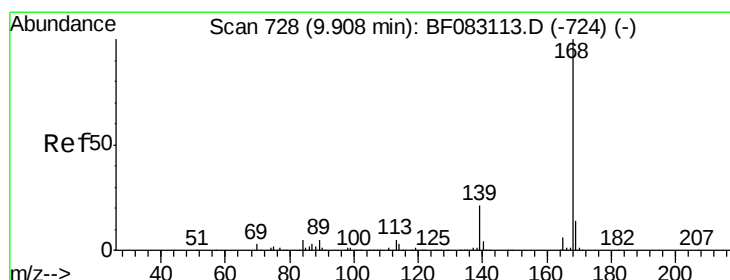
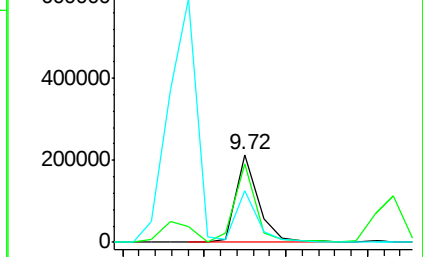
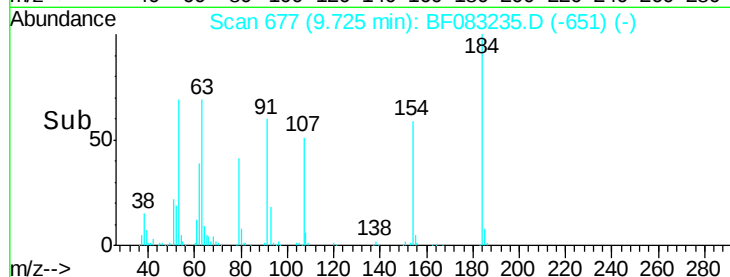
154 59.0 54.3 81.5



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: 33.19 ng

RT: 9.86 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

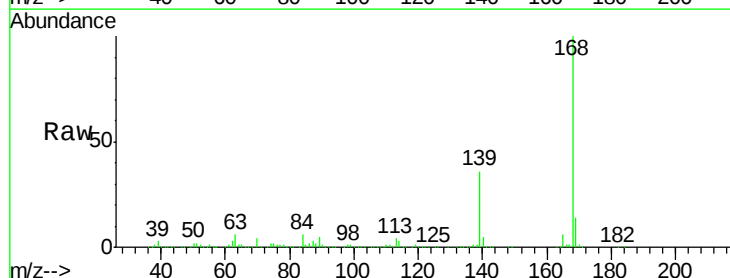
Tgt Ion:168 Resp: 1105893

Ion Ratio Lower Upper

168 100

139 36.1 30.2 45.2

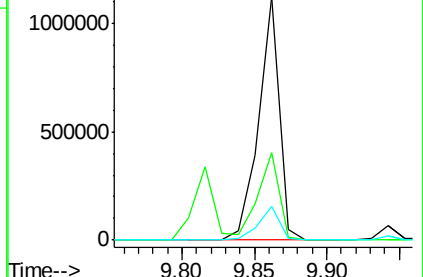
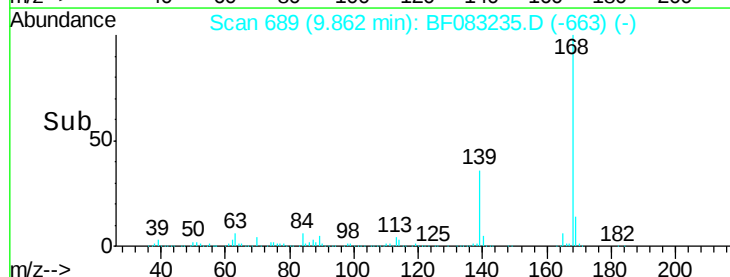
169 13.7 10.9 16.3

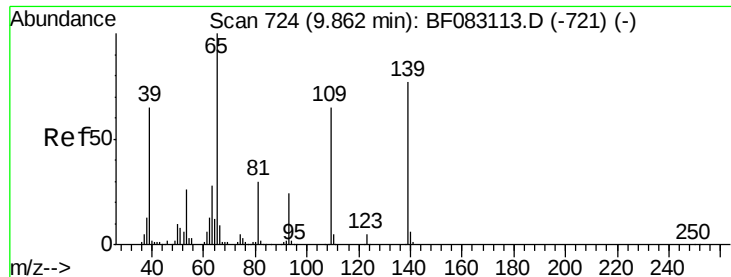


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

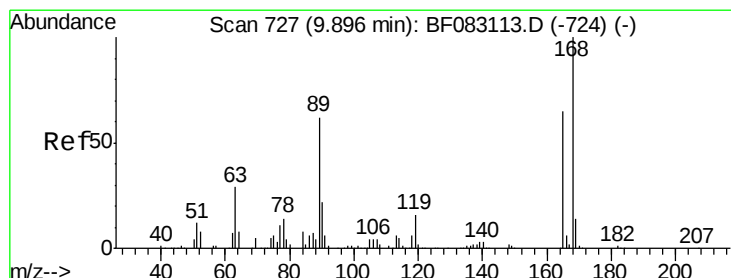
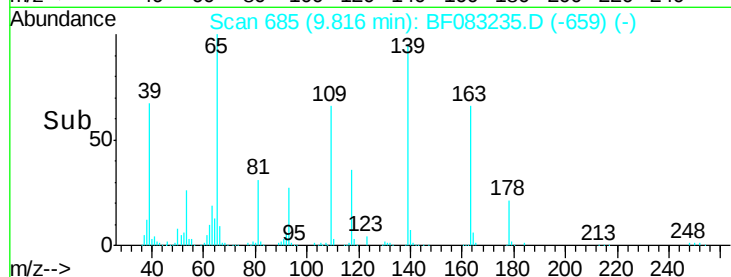
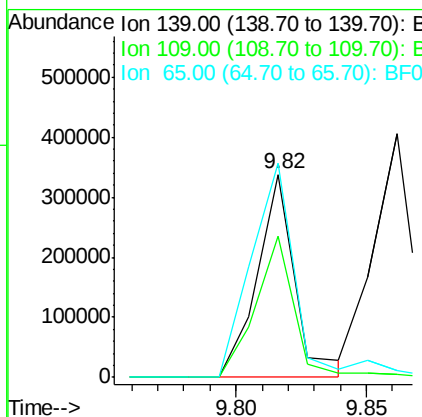
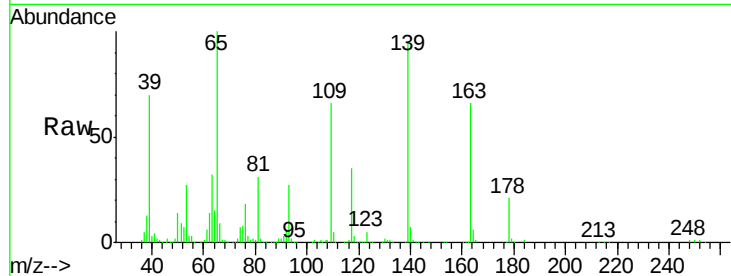




#55
4-Nitrophenol
Concen: 64.80 ng
RT: 9.82 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

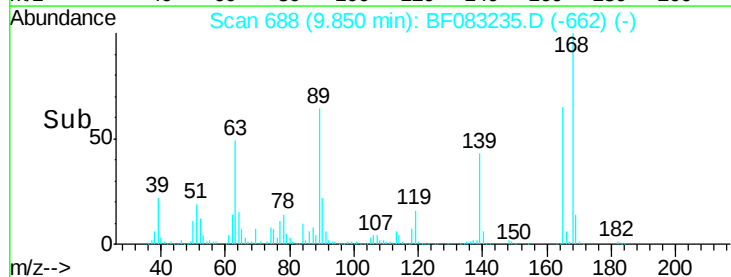
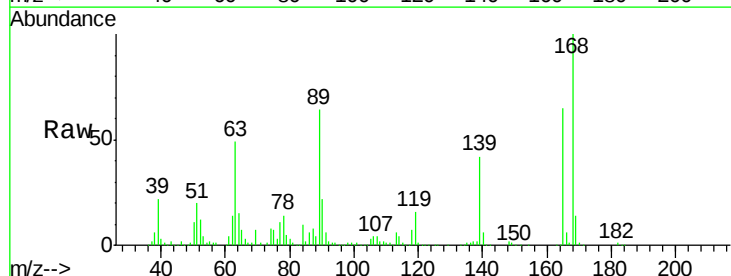
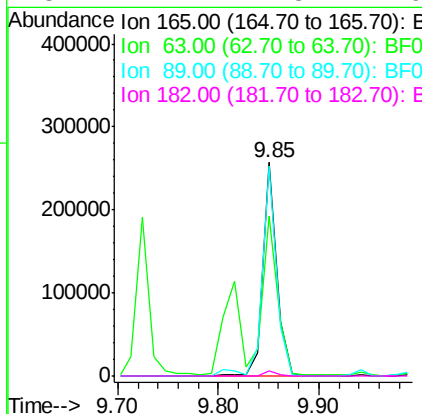
Instrument :
BNA_F
ClientSampled :

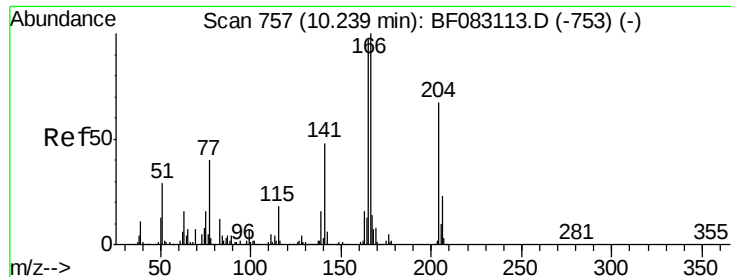
Tot Ion:139 Resp: 342033
Ion Ratio Lower Upper
139 100
109 69.9 64.0 104.0
65 105.6 109.5 149.5#



#56
2,4-Dinitrotoluene
Concen: 30.15 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion:165 Resp: 246614
Ion Ratio Lower Upper
165 100
63 75.0 54.5 81.7
89 98.5 77.3 115.9
182 2.2 1.8 2.6

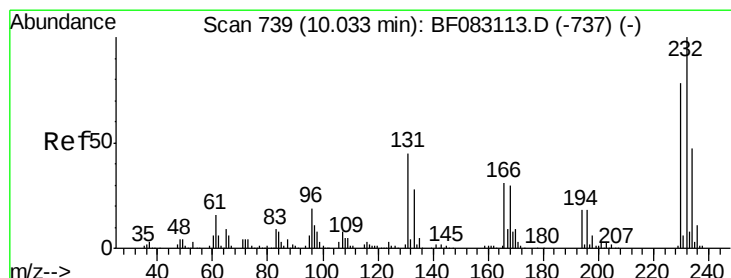
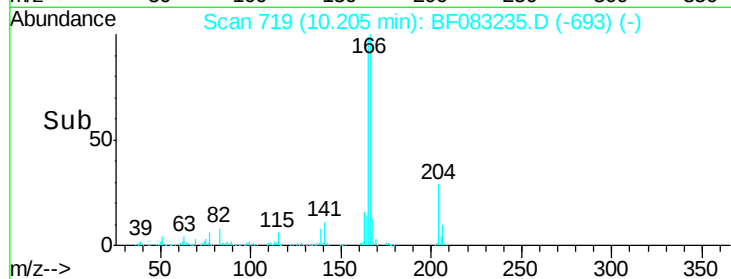
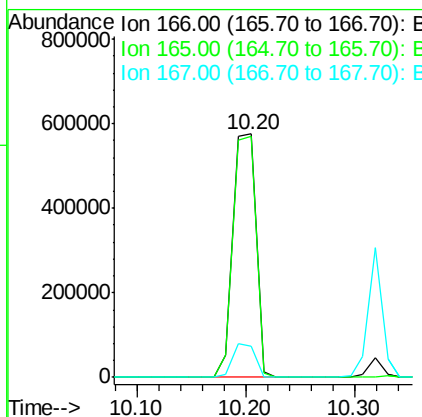
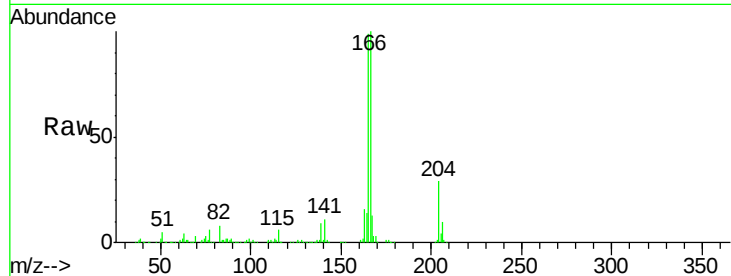




#57
 Fluorene
 Concen: 30.33 ng
 RT: 10.20 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

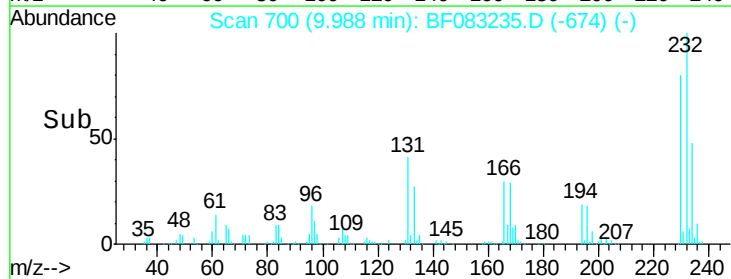
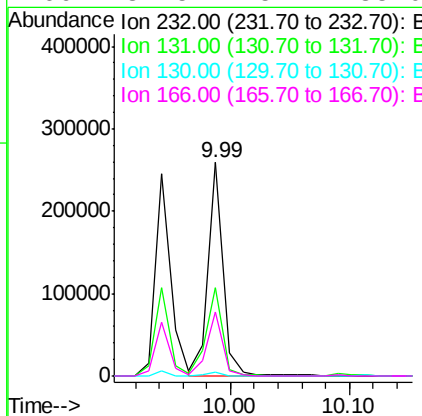
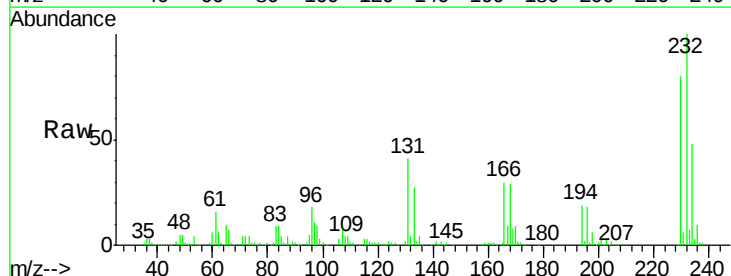
Instrument :
 BNA_F
 ClientSampleId :

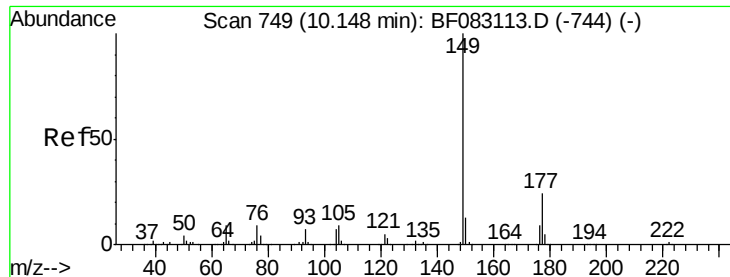
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.0	117.0
167	13.0	11.3	16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.40 ng
 RT: 9.99 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.2	38.6	57.8
130	2.0	1.9	2.9
166	31.5	25.4	38.0

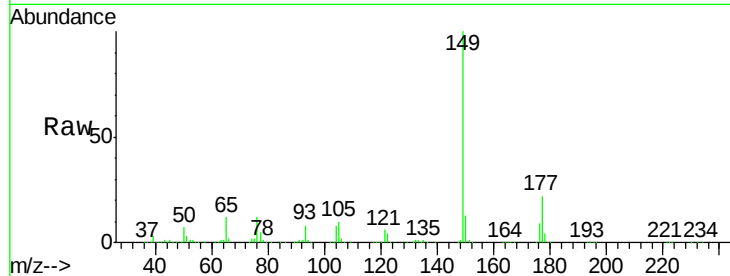




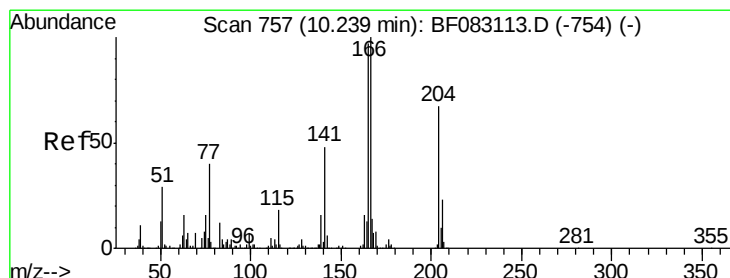
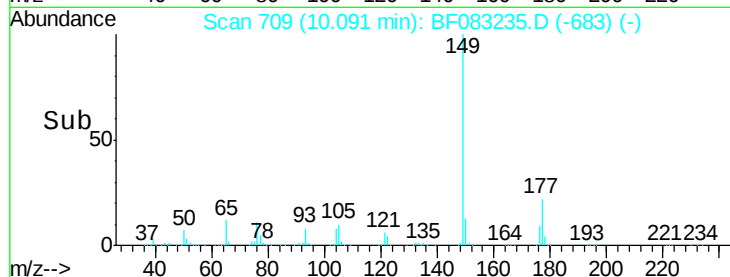
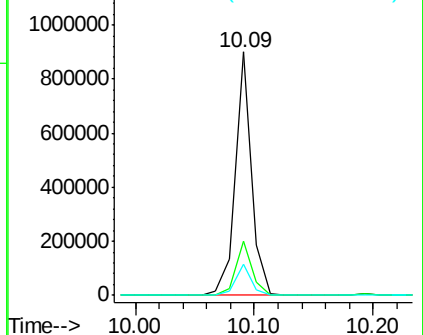
#59
Diethylphthalate
Concen: 29.79 ng
RT: 10.09 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	19.4	29.2
150	12.9	10.2	15.2

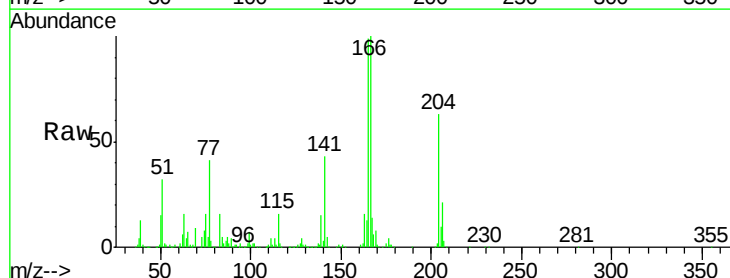


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

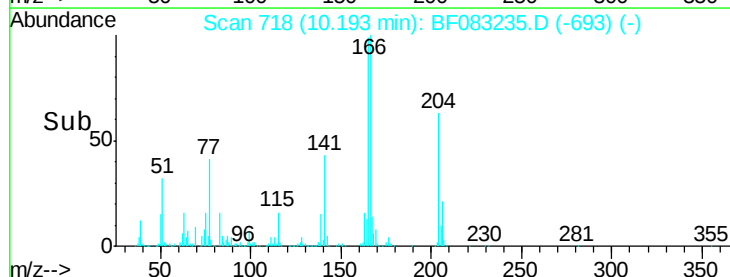
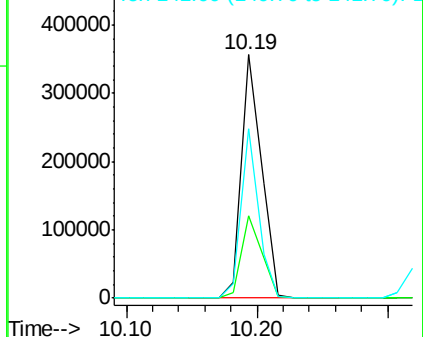


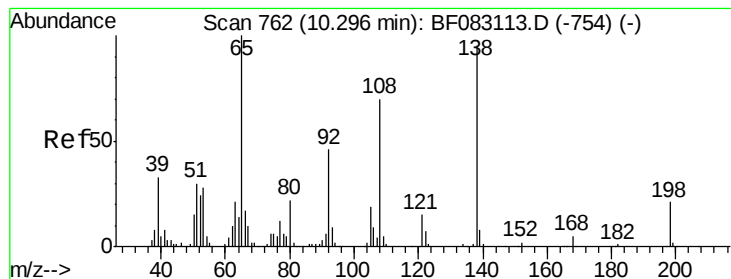
#60
4-Chlorophenyl-phenylether
Concen: 30.07 ng
RT: 10.19 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.4	41.0
141	69.5	57.4	86.2



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: 31.91 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampled :

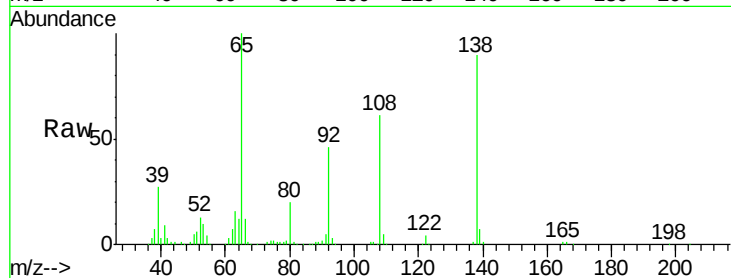
Tot Ion:138 Resp: 216234

Ion Ratio Lower Upper

138 100

92 51.6 28.4 68.4

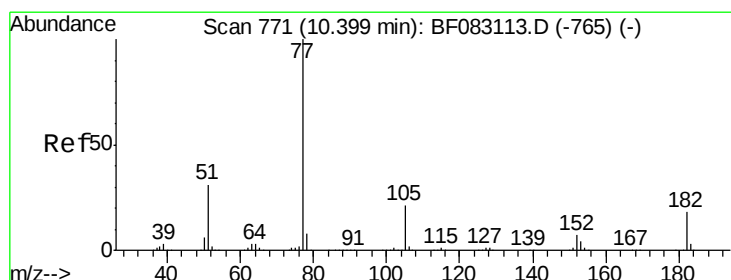
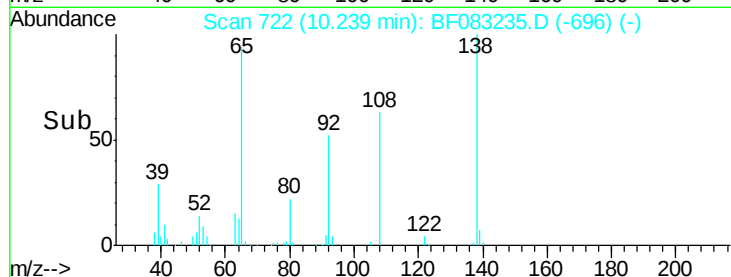
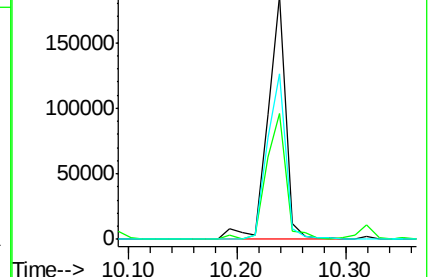
108 68.0 53.5 93.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 32.55 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Tgt Ion: 77 Resp: 1063967

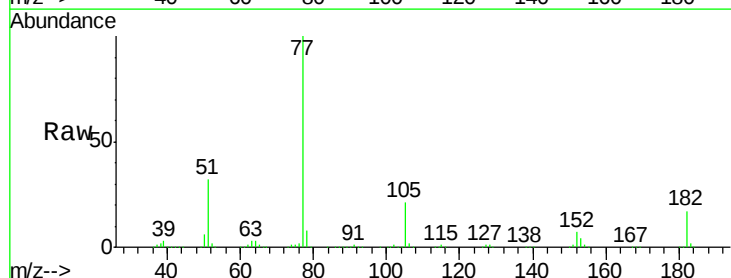
Ion Ratio Lower Upper

77 100

182 16.9 0.0 38.3

105 21.4 1.2 41.2

51 31.6 11.1 51.1

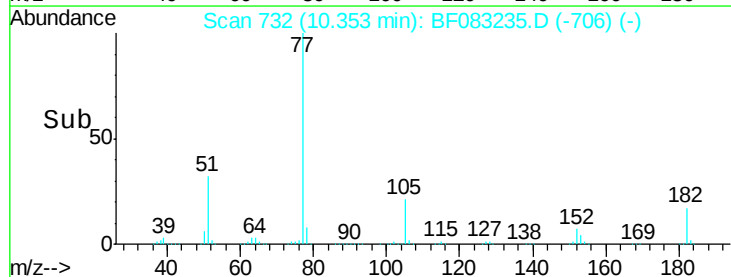
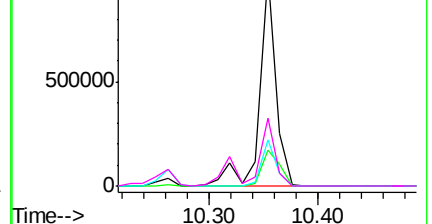


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

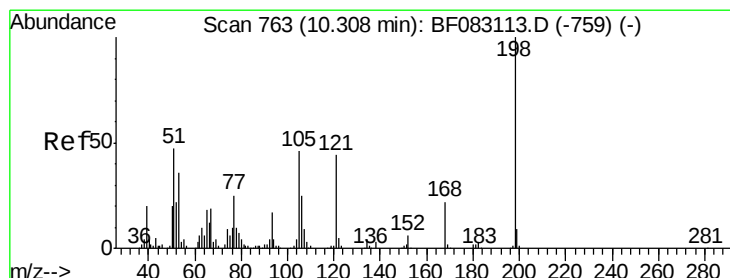
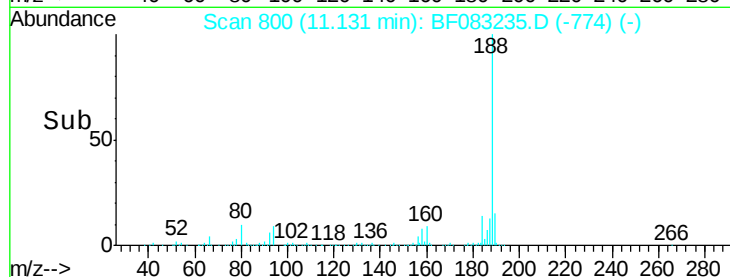
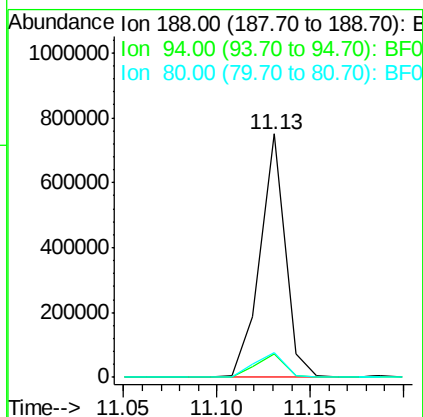
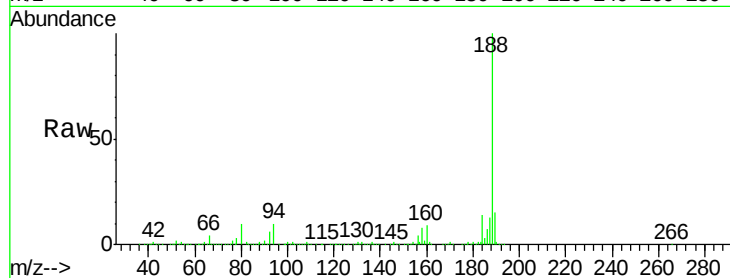




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

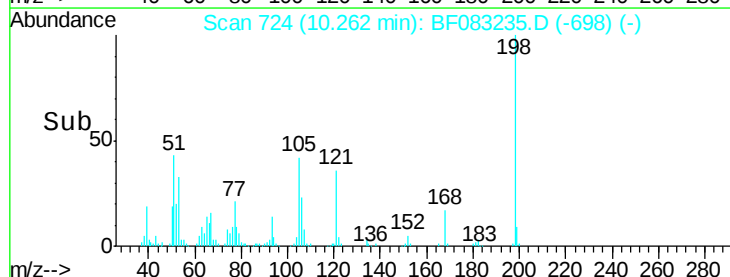
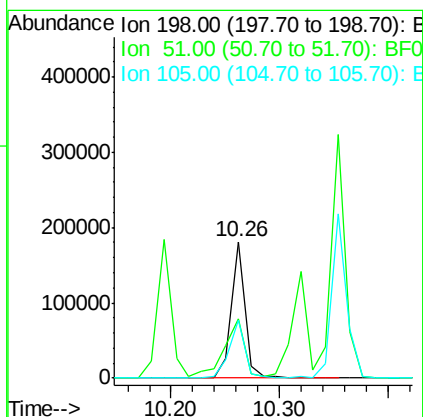
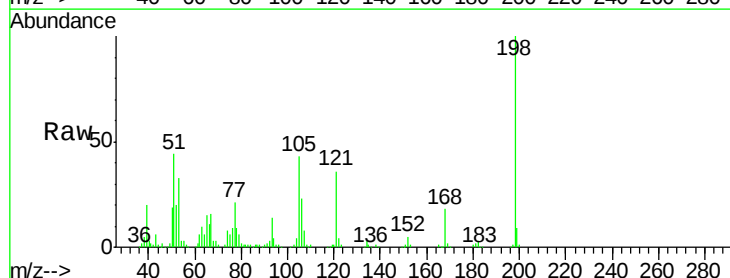
Instrument :
BNA_F
ClientSampleId :

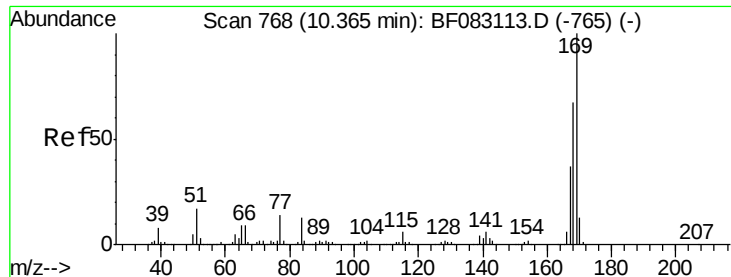
Tot Ion:188 Resp: 700471
Ion Ratio Lower Upper
188 100
94 9.6 6.0 9.0#
80 10.2 6.7 10.1#



#64
4,6-Dinitro-2-methylphenol
Concen: 32.66 ng
RT: 10.26 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion:198 Resp: 157609
Ion Ratio Lower Upper
198 100
51 43.7 27.0 67.0
105 42.6 26.1 66.1

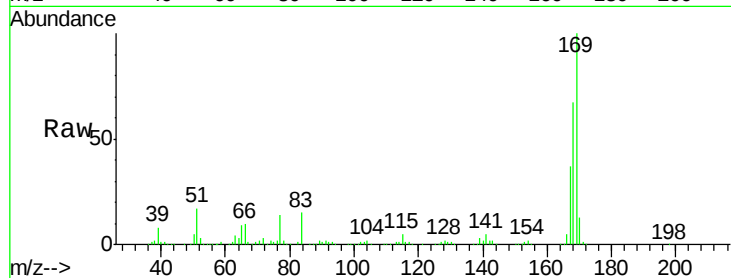




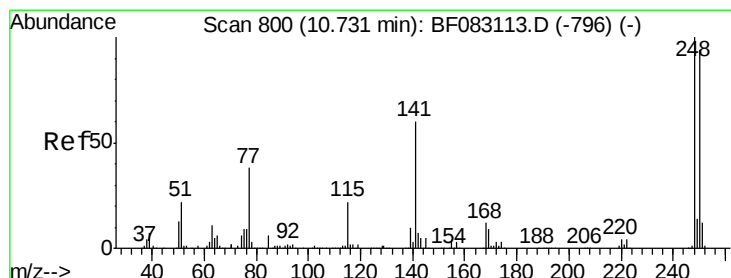
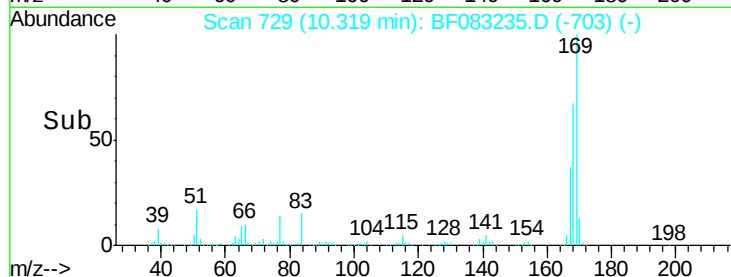
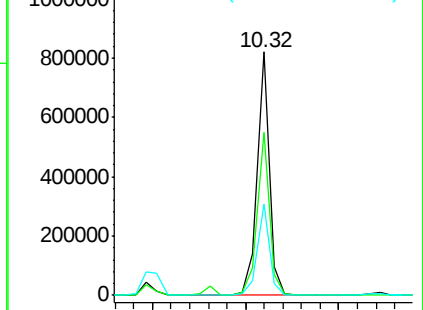
#65
 n-Nitrosodiphenylamine
 Concen: 31.09 ng
 RT: 10.32 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 740618
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.8 80.6
 167 37.5 29.8 44.8

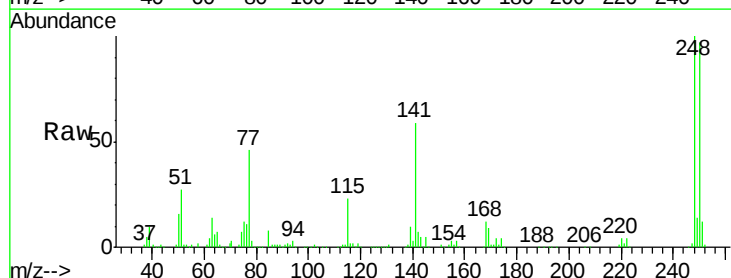


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

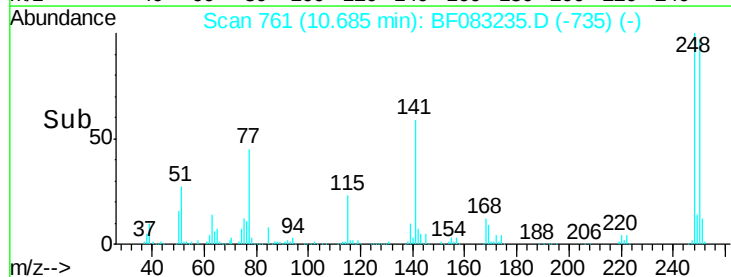
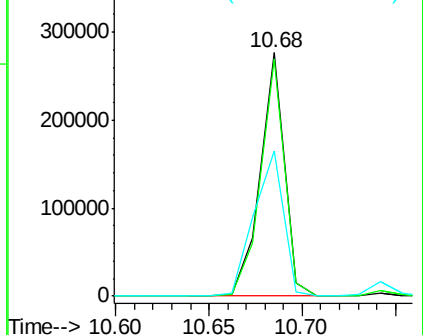


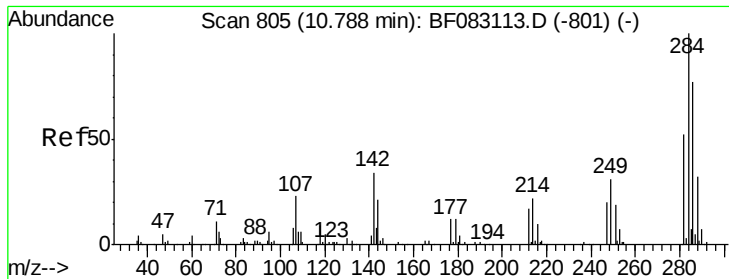
#66
 4-Bromophenyl-phenylether
 Concen: 31.88 ng
 RT: 10.68 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion:248 Resp: 247793
 Ion Ratio Lower Upper
 248 100
 250 97.2 75.4 113.2
 141 59.3 48.1 72.1



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: 29.97 ng

RT: 10.74 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

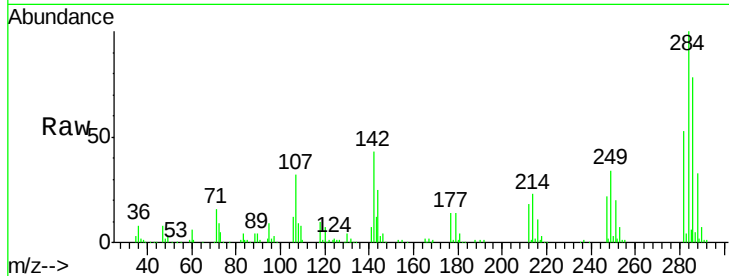
Tot Ion:284 Resp: 256539

Ion Ratio Lower Upper

284 100

142 43.2 27.6 41.4#

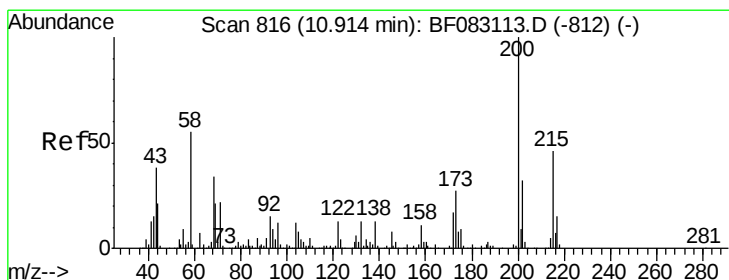
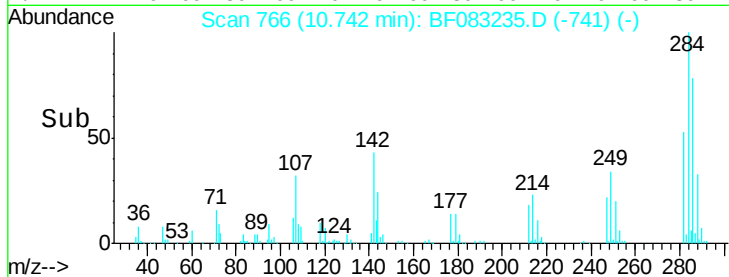
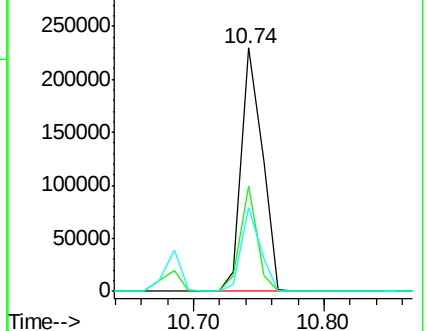
249 34.2 25.5 38.3



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: 37.45 ng

RT: 10.86 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

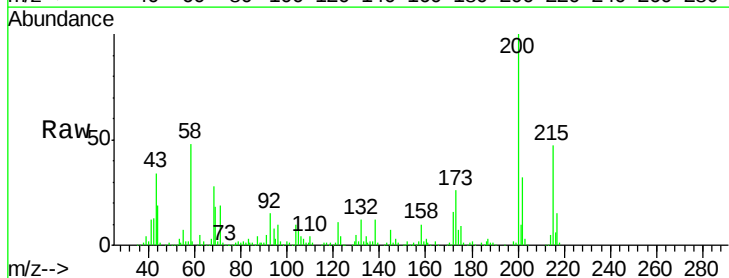
Tgt Ion:200 Resp: 259051

Ion Ratio Lower Upper

200 100

173 26.1 7.2 47.2

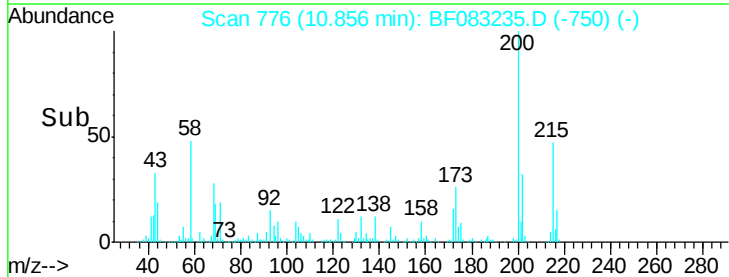
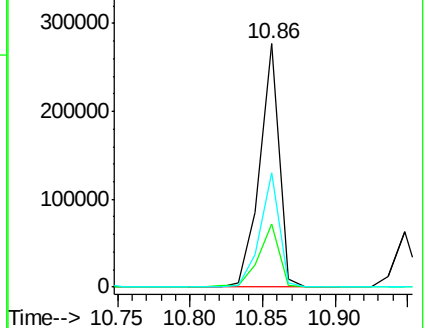
215 46.8 25.7 65.7

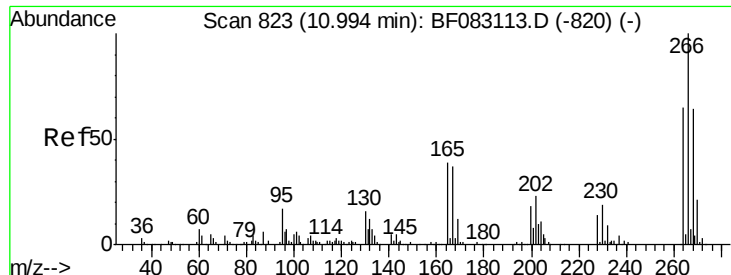


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

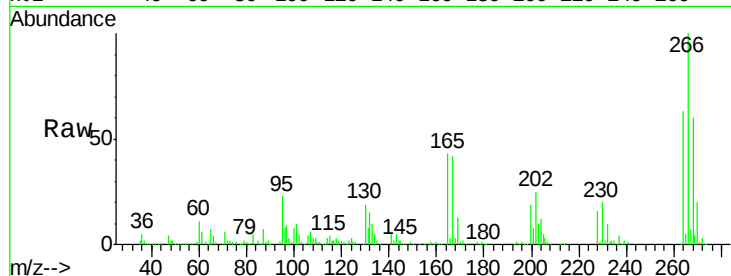




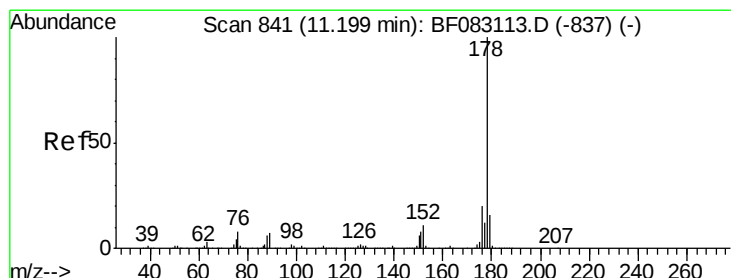
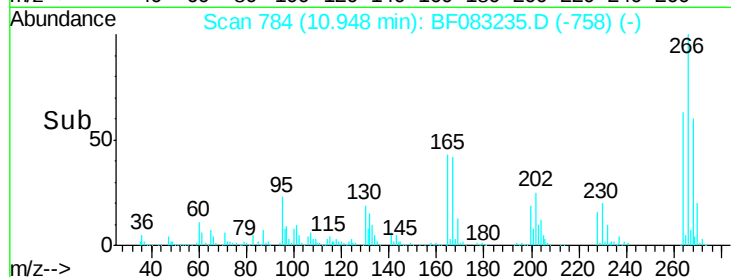
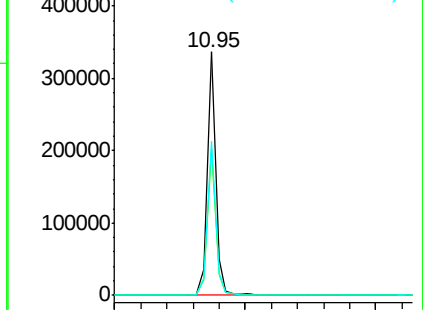
#69
 Pentachlorophenol
 Concen: 54.55 ng
 RT: 10.95 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 304150
 Ion Ratio Lower Upper
 266 100
 268 60.1 51.4 77.0
 264 63.0 51.7 77.5

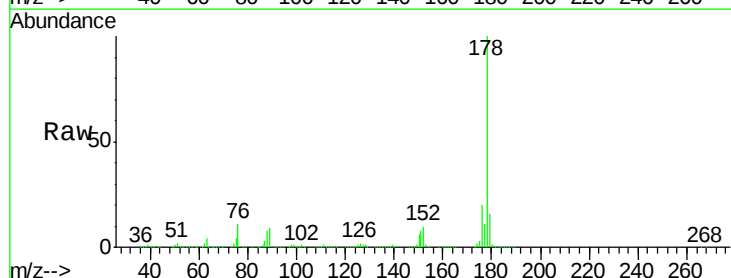


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

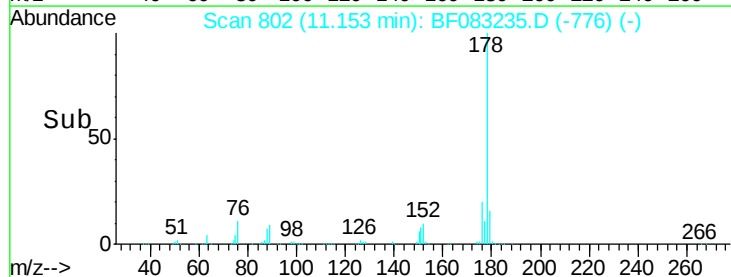
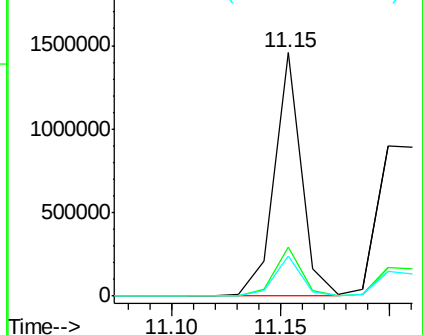


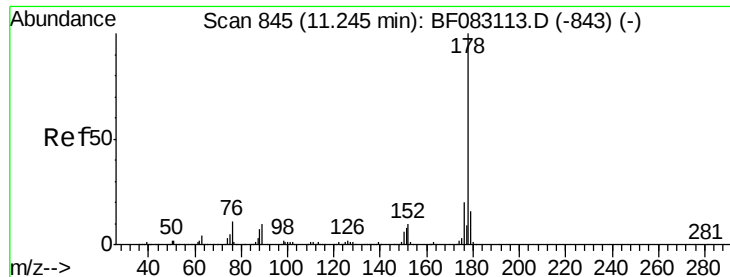
#70
 Phenanthrene
 Concen: 31.50 ng
 RT: 11.15 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion:178 Resp: 1271383
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.2
 179 16.4 12.8 19.2



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

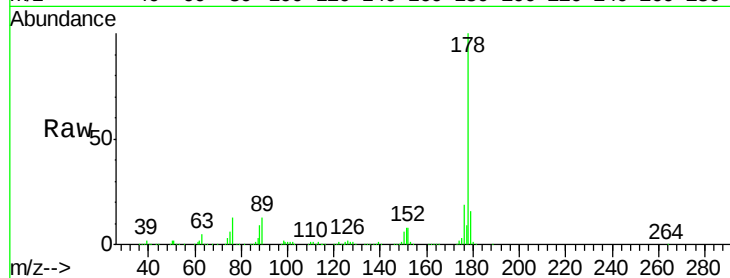




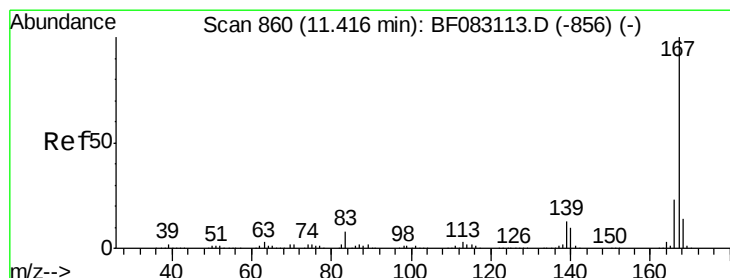
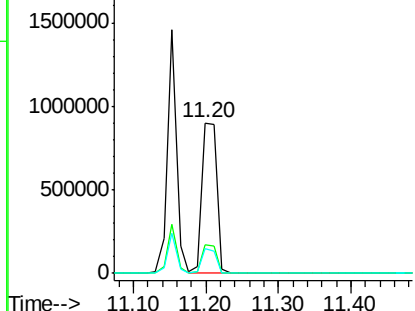
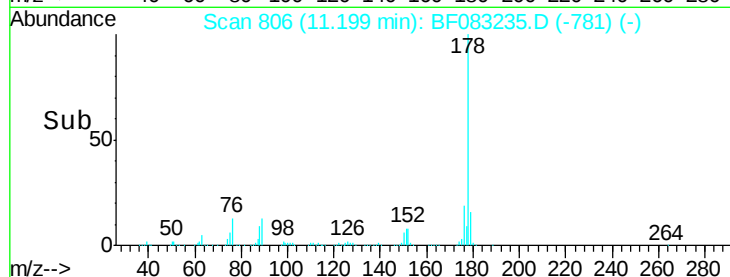
#71
 Anthracene
 Concen: 31.10 ng
 RT: 11.20 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1280408
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 16.1 13.2 19.8

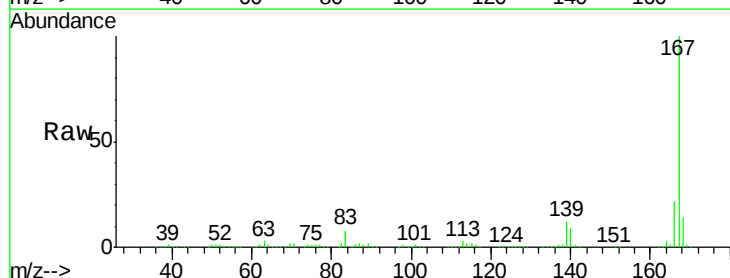


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

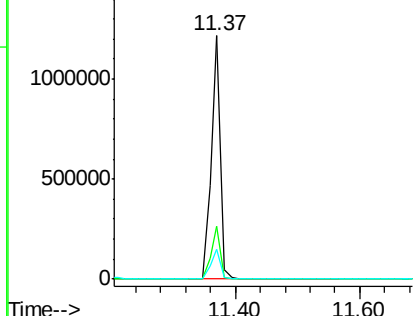
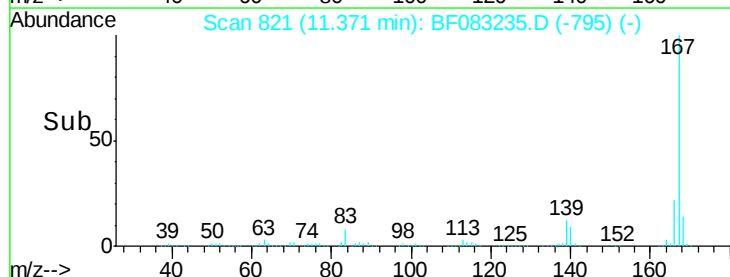


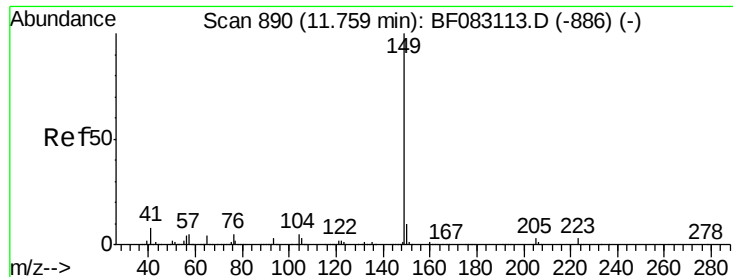
#72
 Carbazole
 Concen: 33.01 ng
 RT: 11.37 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion:167 Resp: 1208136
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.0 27.0
 139 12.4 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 30.85 ng

RT: 11.71 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

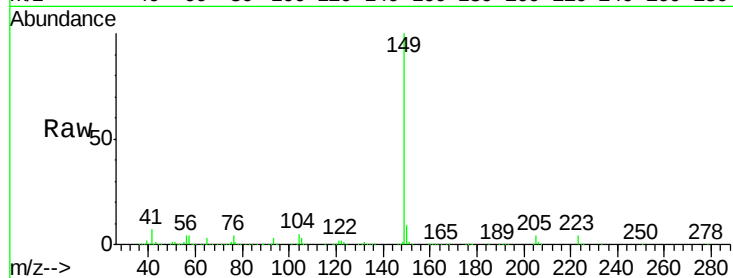
Tot Ion:149 Resp: 1378004

Ion Ratio Lower Upper

149 100

150 9.3 8.0 12.0

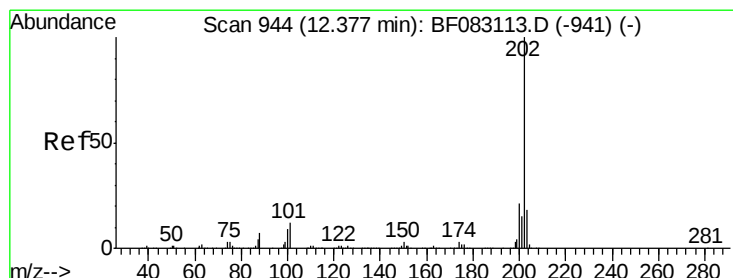
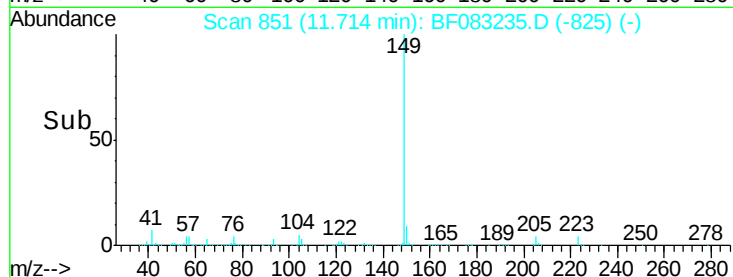
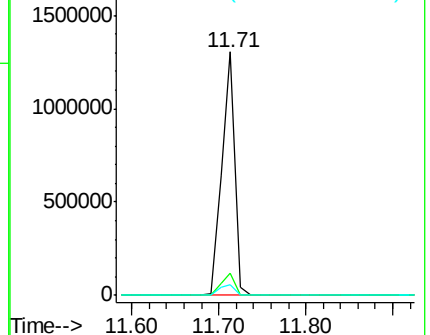
104 4.6 4.4 6.6



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: 30.82 ng

RT: 12.33 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

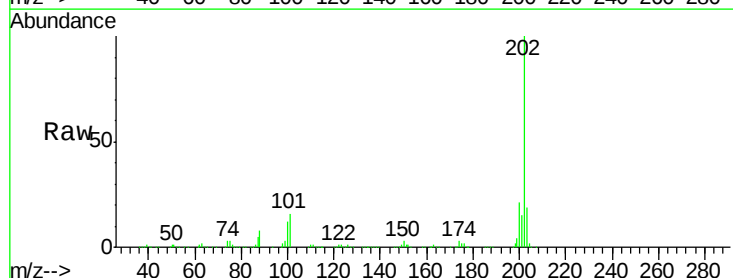
Tgt Ion:202 Resp: 1272917

Ion Ratio Lower Upper

202 100

101 15.8 0.0 32.3

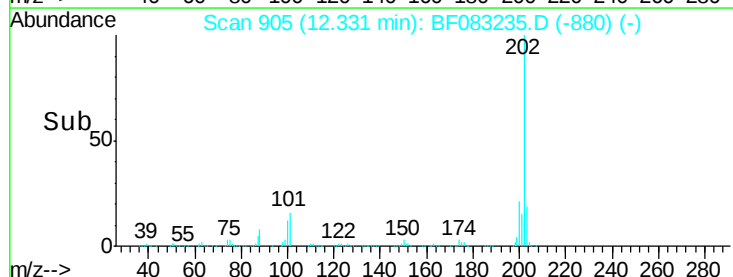
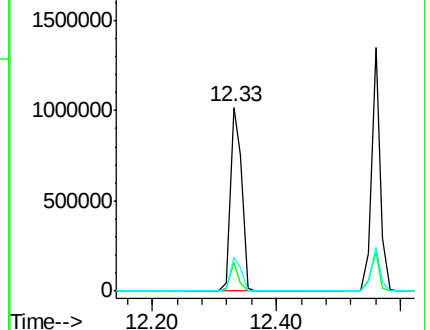
203 18.6 0.0 38.4

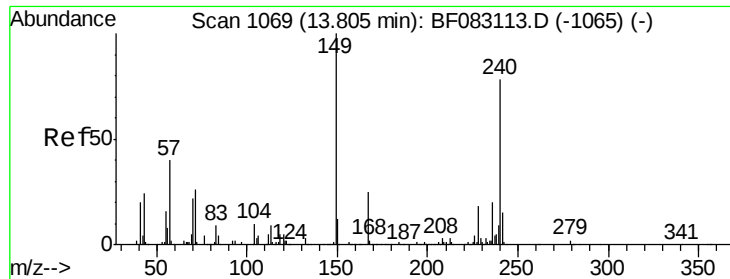


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.76 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

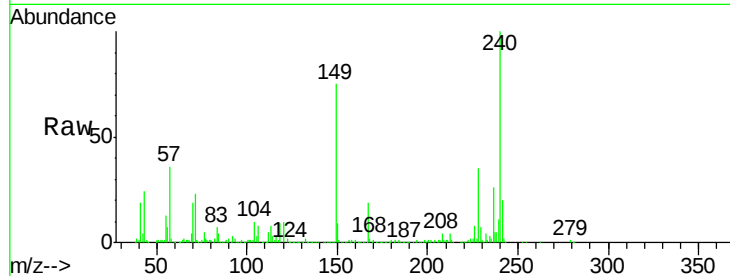
Tot Ion:240 Resp: 592027

Ion Ratio Lower Upper

240 100

120 10.4 5.4 8.2#

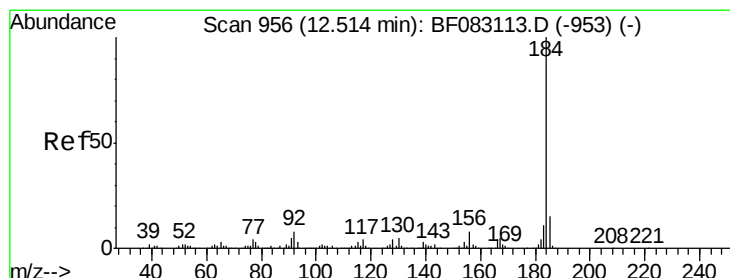
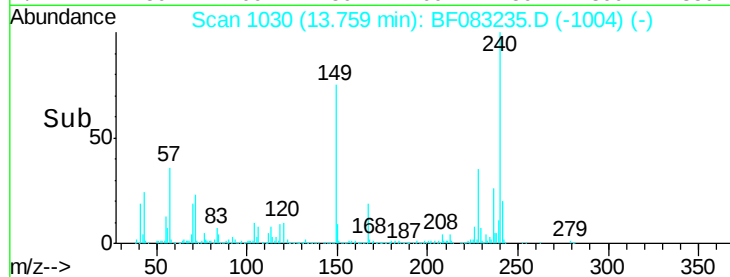
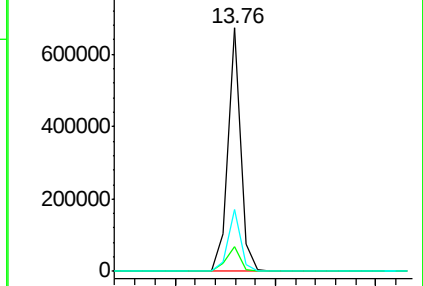
236 25.5 20.6 31.0



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: 34.83 ng

RT: 12.47 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

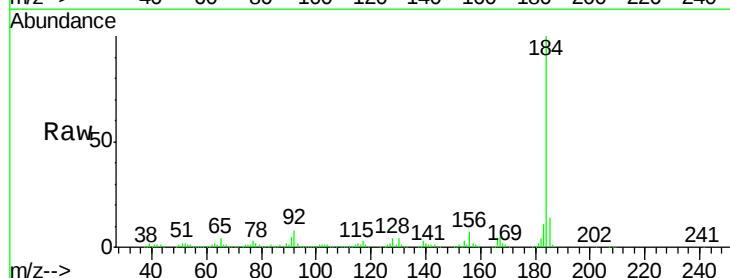
Tgt Ion:184 Resp: 540373

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

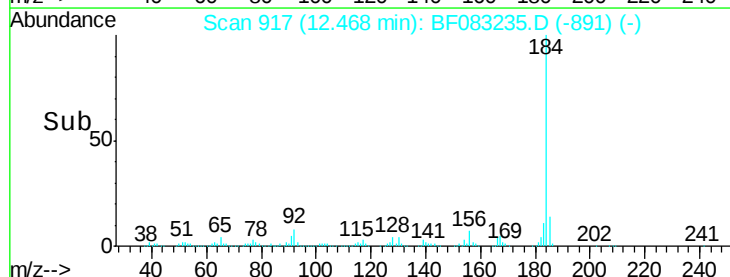
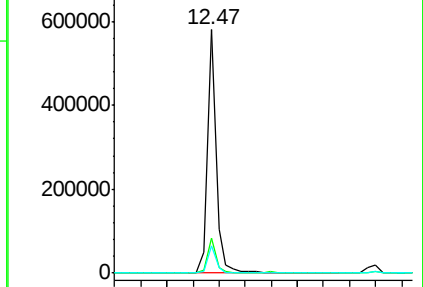
183 11.2 8.8 13.2

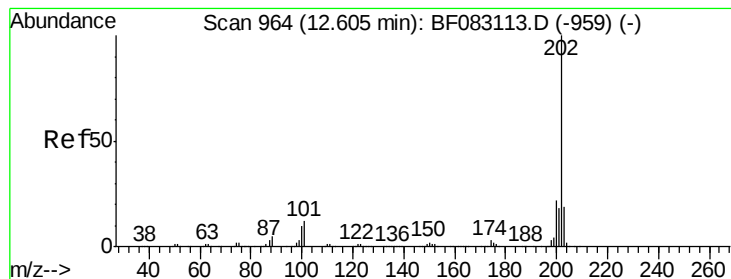


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 31.72 ng

RT: 12.56 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

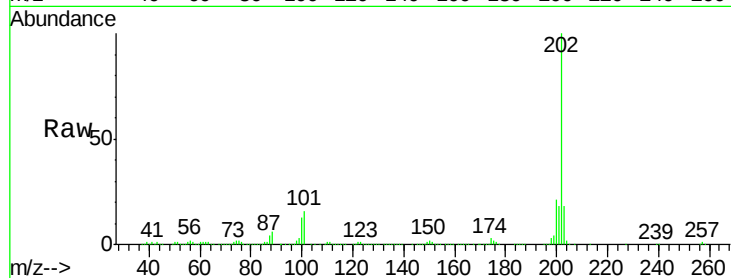
Tot Ion:202 Resp: 1283156

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

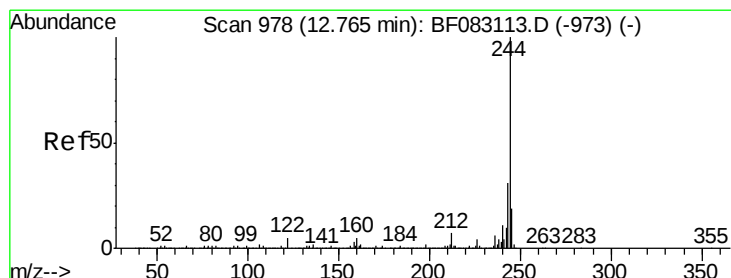
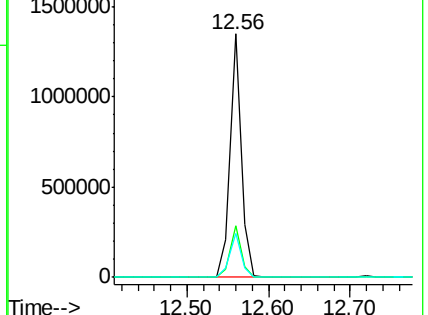
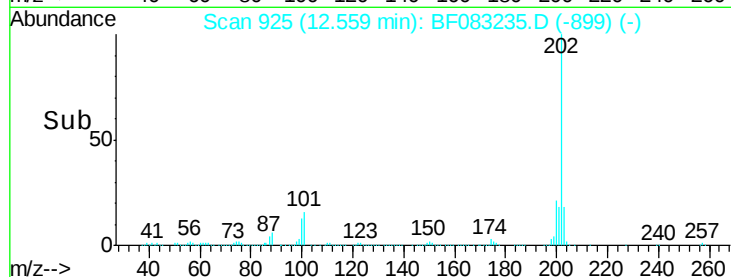
203 18.1 15.0 22.4



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: 67.47 ng

RT: 12.72 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

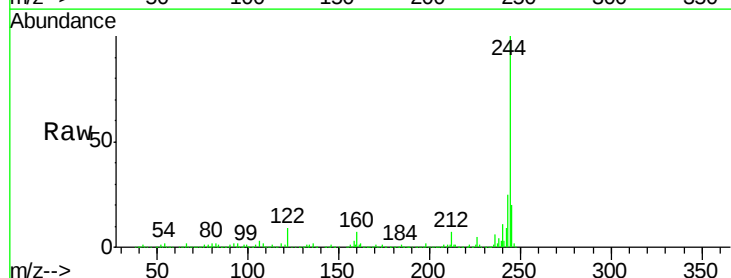
Tgt Ion:244 Resp: 1696153

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

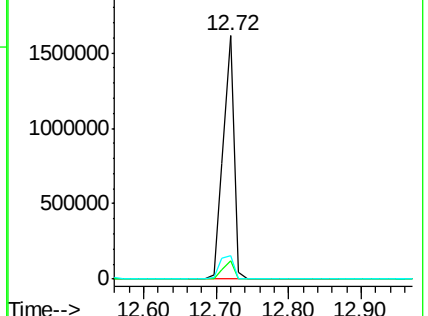
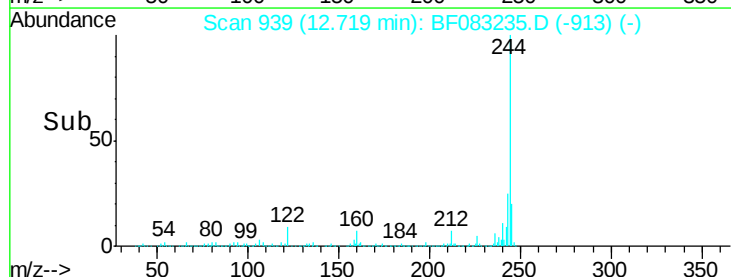
122 9.4 4.3 6.5#

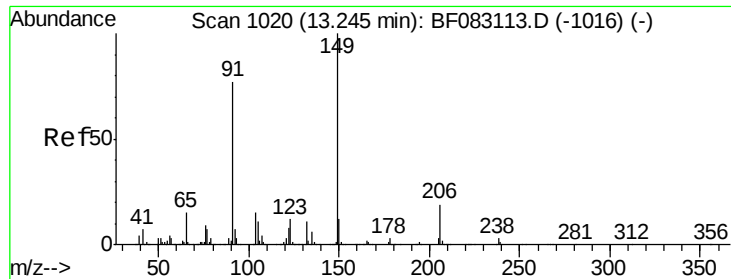


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

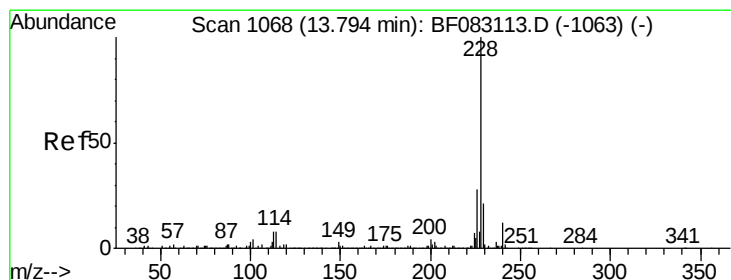
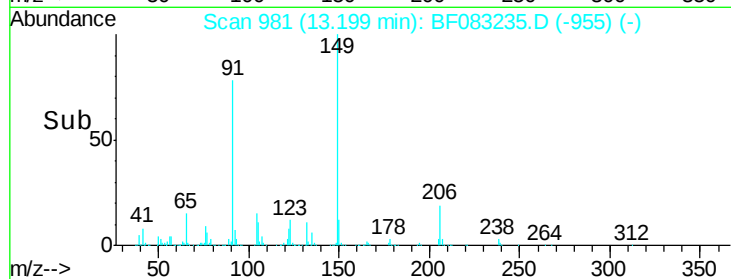
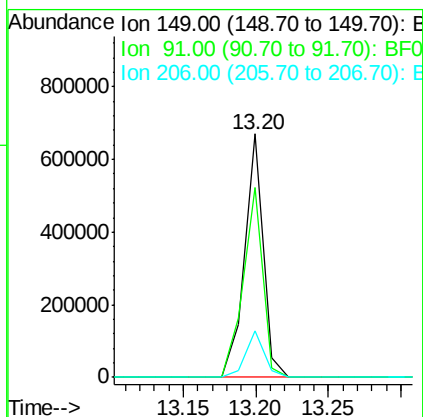
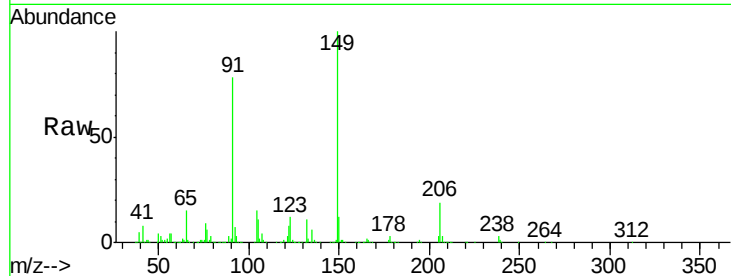




#79
Butylbenzylphthalate
Concen: 31.32 ng
RT: 13.20 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

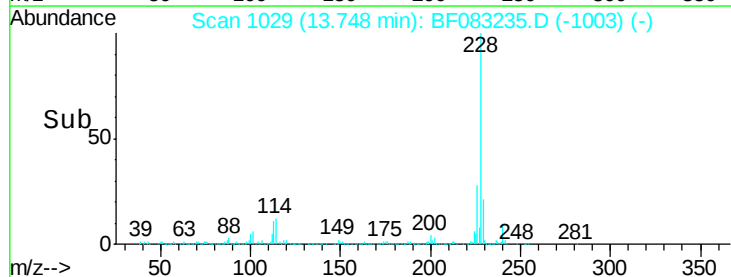
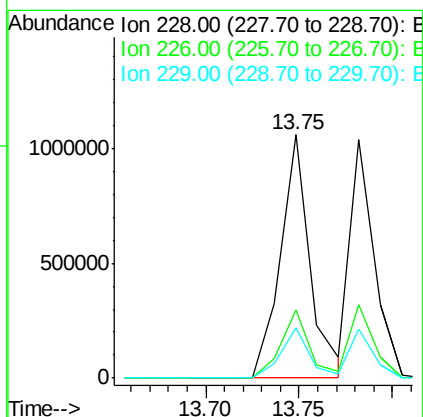
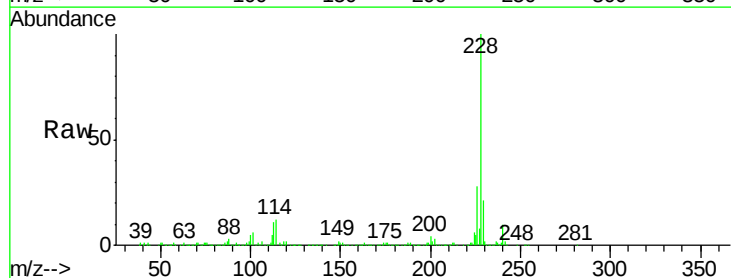
Instrument :
BNA_F
ClientSampleId :

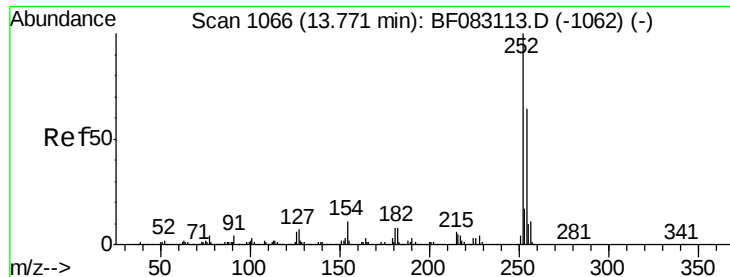
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.9	61.5	92.3
206	19.3	15.3	22.9



#80
Benzo(a)anthracene
Concen: 32.10 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.7	16.6	24.8

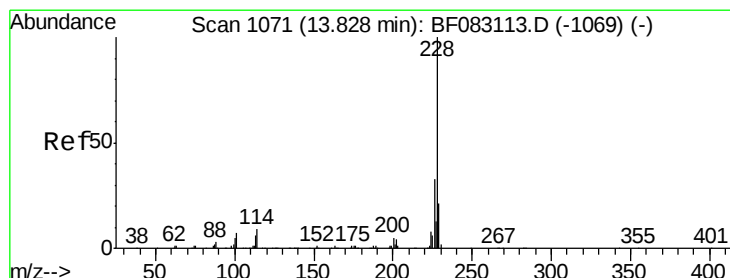
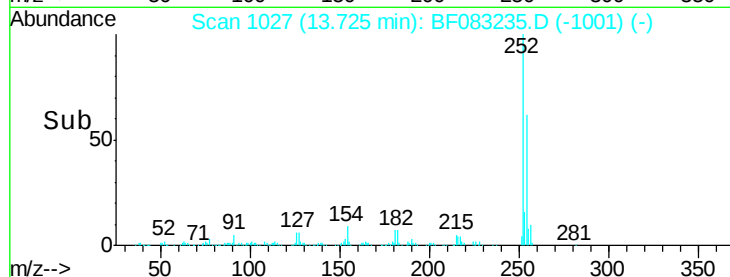
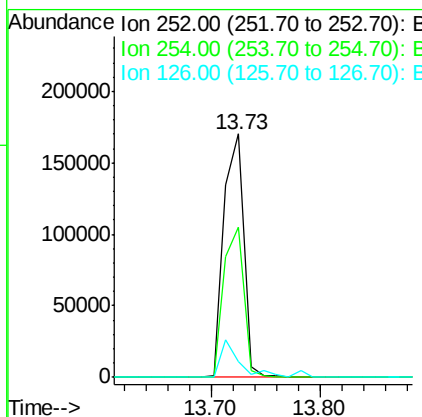
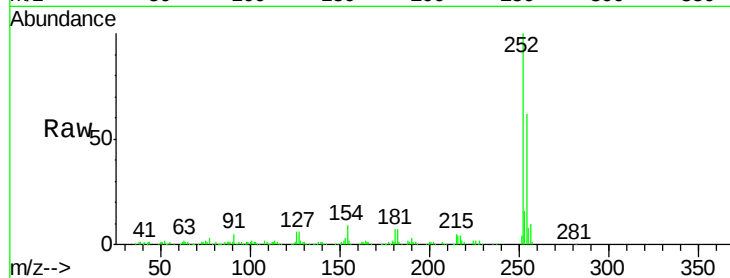




#81
 3,3'-Dichlorobenzidine
 Concen: 17.06 ng
 RT: 13.73 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

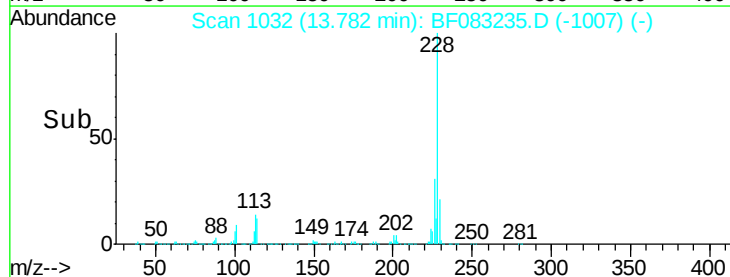
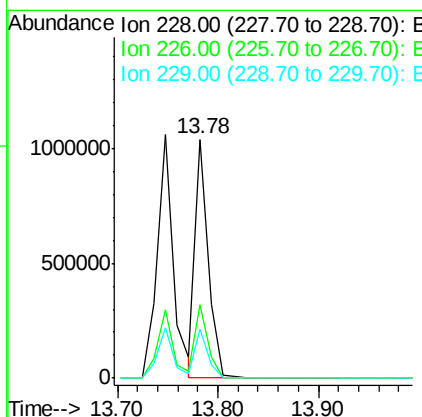
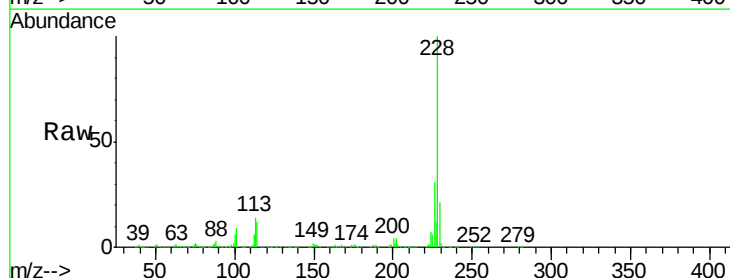
Instrument :
 BNA_F
 ClientSampled :

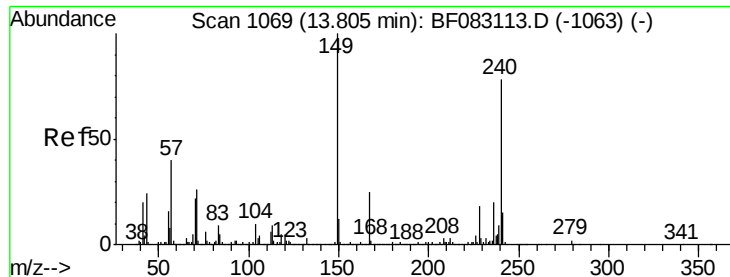
Tot Ion:252 Resp: 217457
 Ion Ratio Lower Upper
 252 100
 254 61.8 51.5 77.3
 126 6.2 5.2 7.8



#82
 Chrysene
 Concen: 27.91 ng
 RT: 13.78 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion:228 Resp: 947682
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.5 38.3
 229 20.6 16.6 25.0

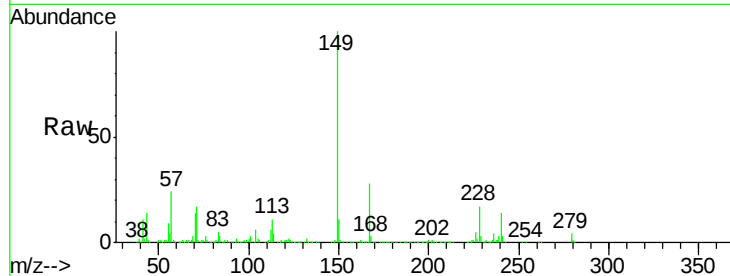




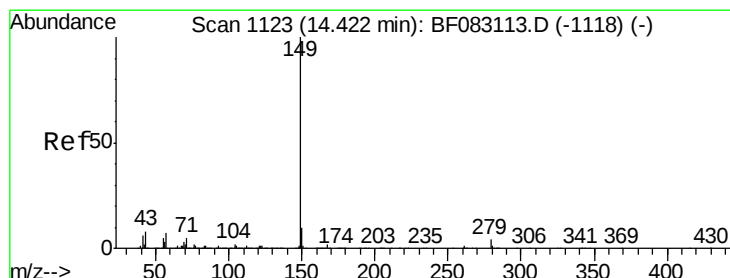
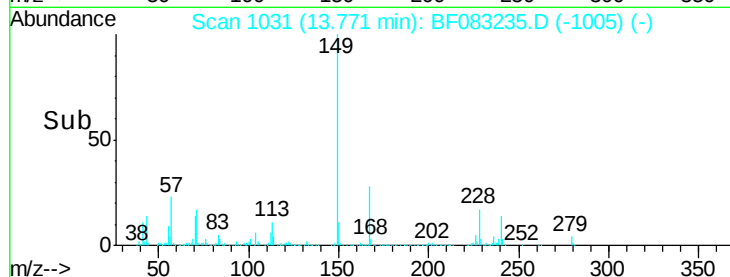
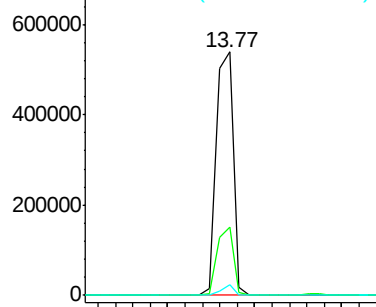
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.71 ng
 RT: 13.77 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 742718
 Ion Ratio Lower Upper
 149 100
 167 28.1 20.1 30.1
 279 4.5 1.7 2.5#

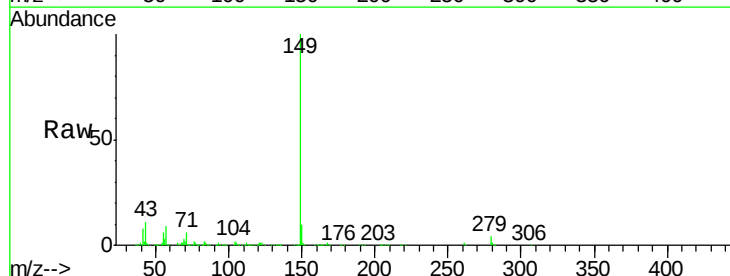


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

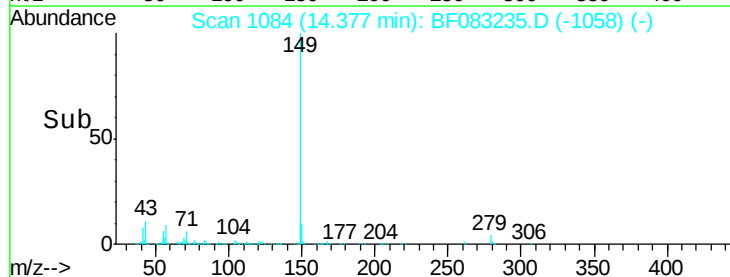
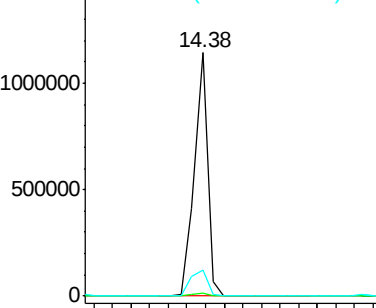


#84
 Di-n-octyl phthalate
 Concen: 26.04 ng
 RT: 14.38 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion:149 Resp: 1120895
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.5 9.5 14.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

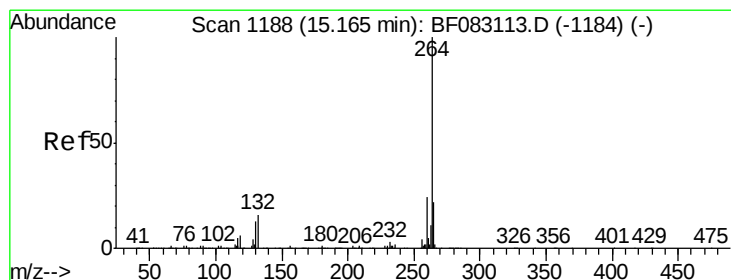
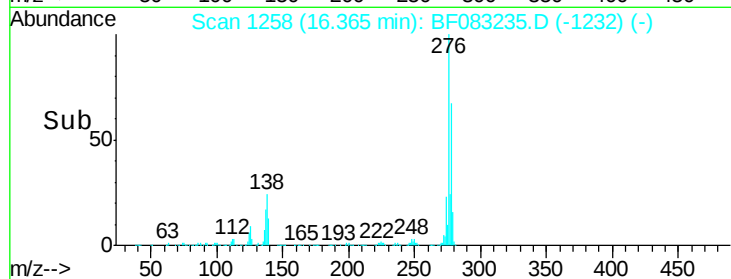
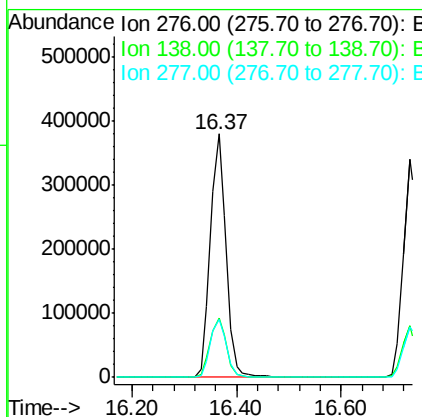
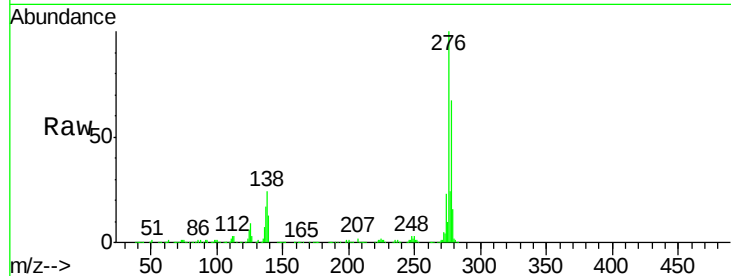




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.85 ng
 RT: 16.37 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

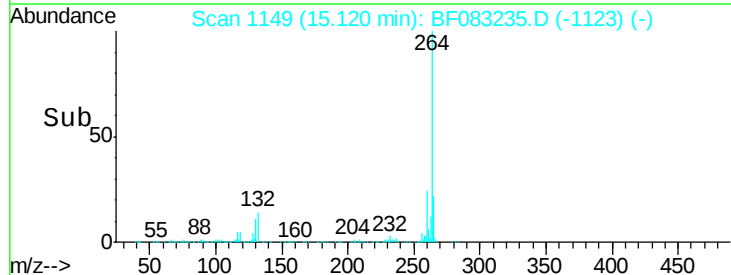
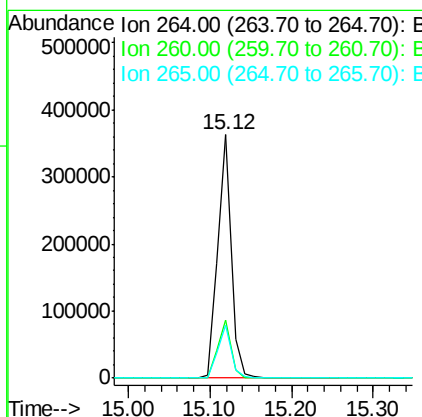
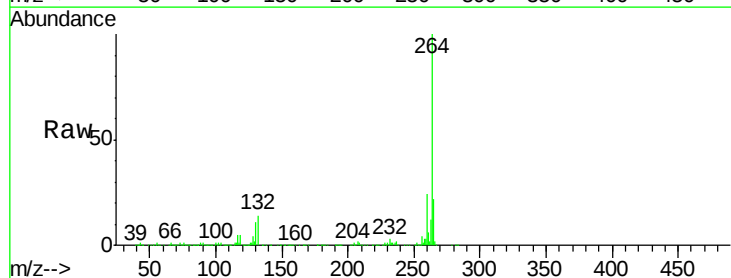
Instrument :
 BNA_F
 ClientSampleId :

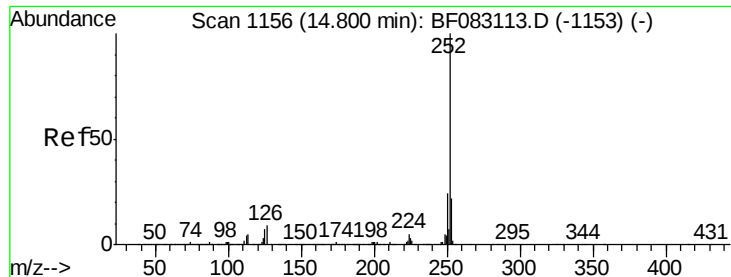
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	18.0	27.0
277	24.6	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.8	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 59.35 ng

RT: 14.78 min Scan# 1119

Delta R.T. 0.02 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampled :

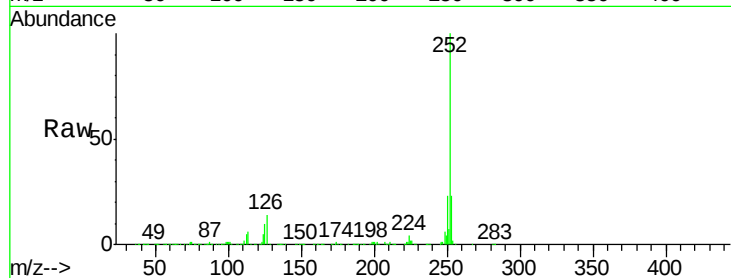
Tot Ion:252 Resp: 1698528

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

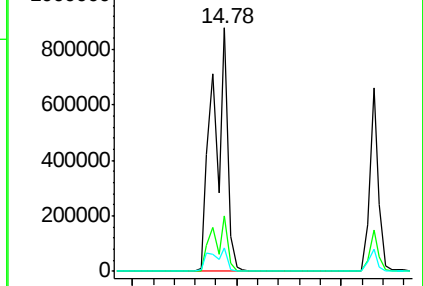
125 9.8 5.6 8.4#



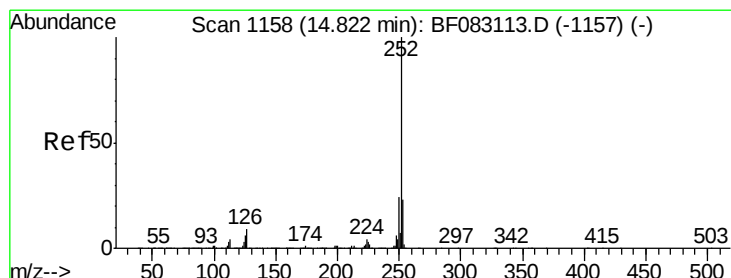
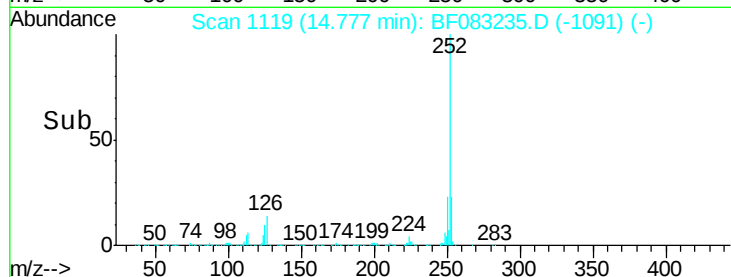
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 79.69 ng

RT: 14.78 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

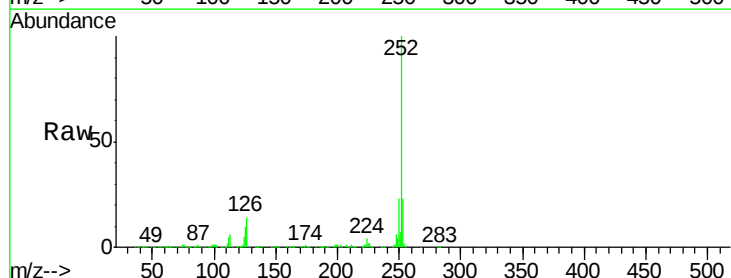
Tgt Ion:252 Resp: 1699159

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

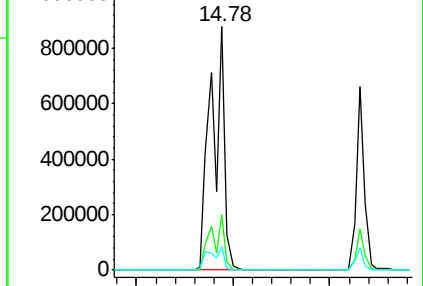
125 9.8 6.8 10.2



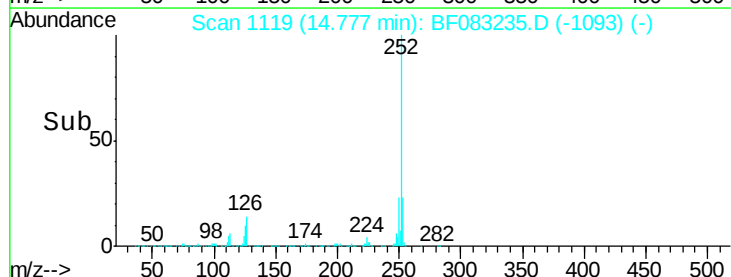
Abundance Ion 252.00 (251.70 to 252.70): E

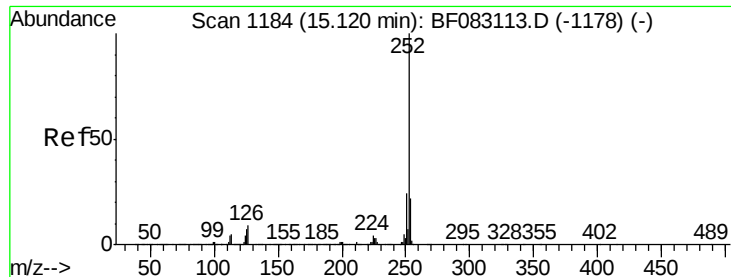
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

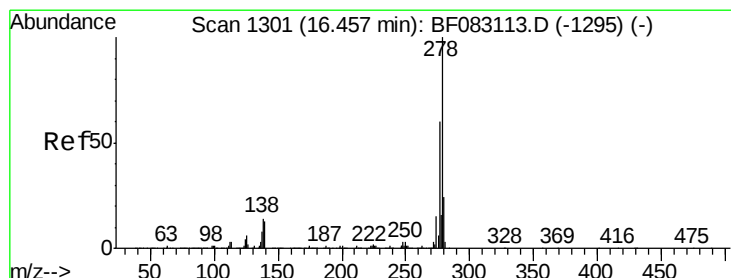
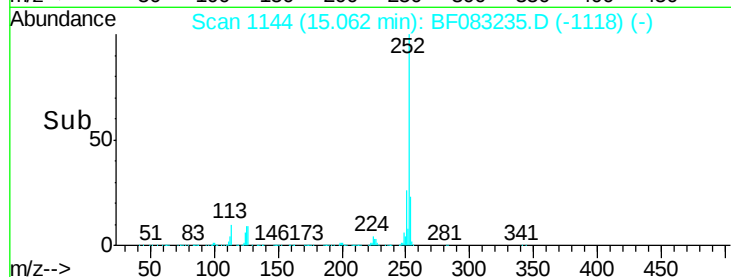
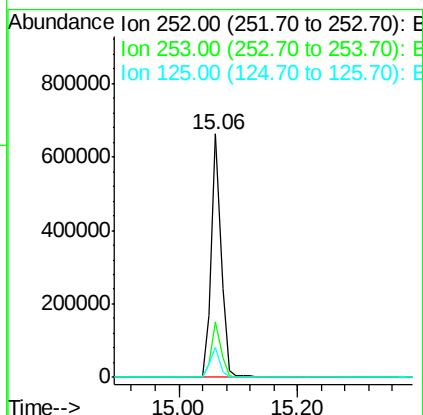
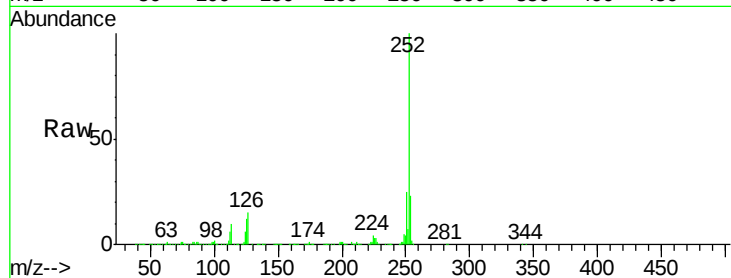




#89
Benzo(a)pyrene
Concen: 32.35 ng
RT: 15.06 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

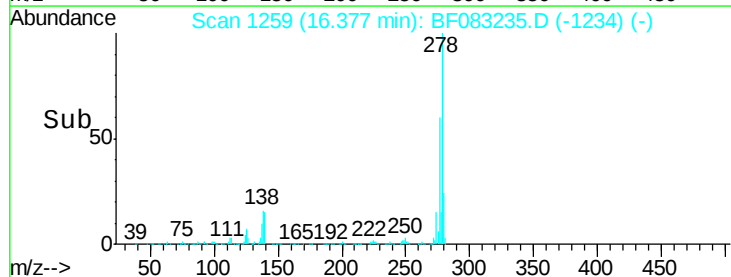
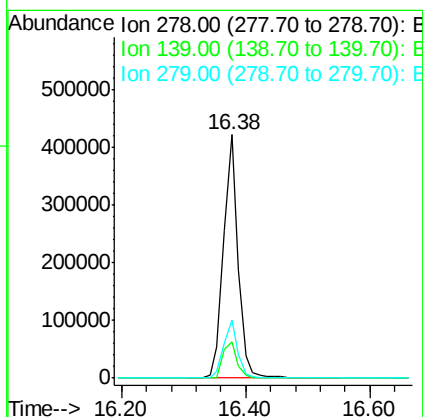
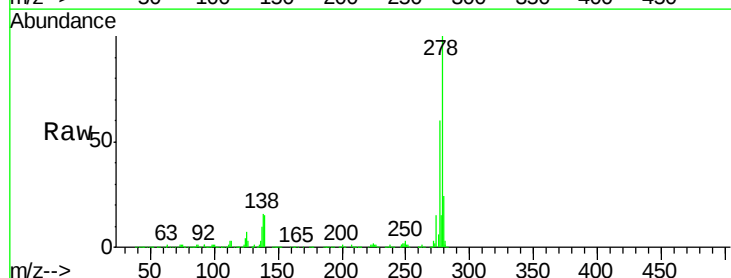
Instrument :
BNA_F
ClientSampleId :

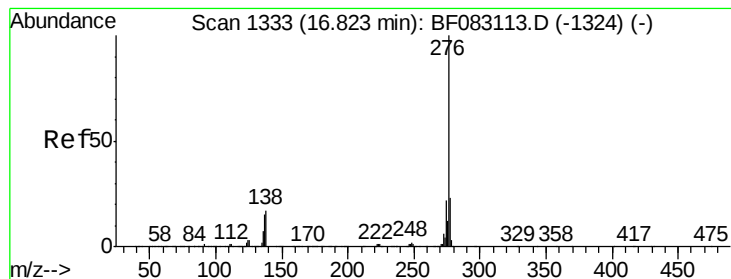
Tot Ion:252 Resp: 764273
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 12.1 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 31.90 ng
RT: 16.38 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion:278 Resp: 684605
Ion Ratio Lower Upper
278 100
139 15.1 10.7 16.1
279 23.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 32.62 ng

RT: 16.73 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

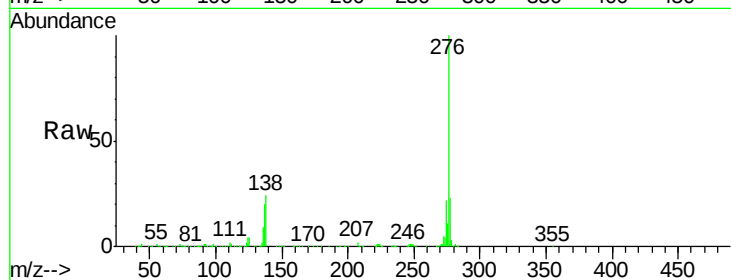
Tot Ion:276 Resp: 683408

Ion Ratio Lower Upper

276 100

277 23.2 18.7 28.1

138 23.7 13.9 20.9#



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

