

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083510.D
 Acq On : 5 Dec 2015 12:58
 Operator : UM/IZ
 Sample : G4595-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MSD

Quant Time: Dec 07 00:18:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	126601	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	499423	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	248933	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	482237	20.00	ng	0.00
75) Chrysene-d12	17.05	240	428274	20.00	ng	0.00
86) Perylene-d12	18.67	264	356580	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.03	112	484869	58.10	ng	0.00
7) Phenol-d6	5.32	99	390851	33.99	ng	0.00
23) Nitrobenzene-d5	6.60	82	969140	90.71	ng	0.00
41) 2,4,6-Tribromophenol	11.76	330	320464	139.56	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	1569689	85.53	ng	0.00
78) Terphenyl-d14	15.49	244	1621961	84.27	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	69387	15.85	ng	# 91
3) Pyridine	2.35	79	142625	13.65	ng	98
4) n-Nitrosodimethylamine	2.29	42	87056	16.55	ng	94
6) Aniline	5.32	93	298679	19.96	ng	94
8) 2-Chlorophenol	5.48	128	324327	34.95	ng	99
9) Benzaldehyde	5.16	77	145404	22.06	ng	91
10) Phenol	5.34	94	181258	13.48	ng	89
11) bis(2-Chloroethyl)ether	5.42	93	419841	42.13	ng	97
12) 1,3-Dichlorobenzene	5.69	146	394107	38.29	ng	99
13) 1,4-Dichlorobenzene	5.79	146	398647	37.93	ng	97
14) 1,2-Dichlorobenzene	6.01	146	378017	39.11	ng	99
15) Benzyl Alcohol	6.01	79	241219	30.24	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	770517	41.71	ng	90
17) 2-Methylphenol	6.20	107	220873	28.84	ng	# 91
18) Hexachloroethane	6.49	117	139094	37.92	ng	# 86
19) n-Nitroso-di-n-propylamine	6.40	70	355991	46.41	ng	93
20) 3+4-Methylphenols	6.44	107	266953	26.83	ng	94
22) Acetophenone	6.37	105	604571	42.02	ng	# 95
24) Nitrobenzene	6.62	77	516445	43.89	ng	99
25) Isophorone	6.99	82	902605	43.99	ng	96
26) 2-Nitrophenol	7.10	139	201090	43.31	ng	100
27) 2,4-Dimethylphenol	7.23	122	331037	40.35	ng	100
28) bis(2-Chloroethoxy)methane	7.36	93	537930	47.04	ng	99
29) 2,4-Dichlorophenol	7.50	162	329001	44.41	ng	100
30) 1,2,4-Trichlorobenzene	7.60	180	334035	40.78	ng	100
31) Naphthalene	7.71	128	1169525	43.99	ng	99
32) Benzoic acid	7.46	122	52165	13.69	ng	94
33) 4-Chloroaniline	7.84	127	263714	25.36	ng	# 92
34) Hexachlorobutadiene	7.92	225	182123	37.63	ng	98
35) Caprolactam	8.43	113	16462	6.99	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	333093	39.95	ng	96
37) 2-Methylnaphthalene	8.81	142	771196	46.91	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	339489	41.47	ng	# 100
40) Hexachlorocyclopentadiene	9.06	237	197579	63.96	ng	98

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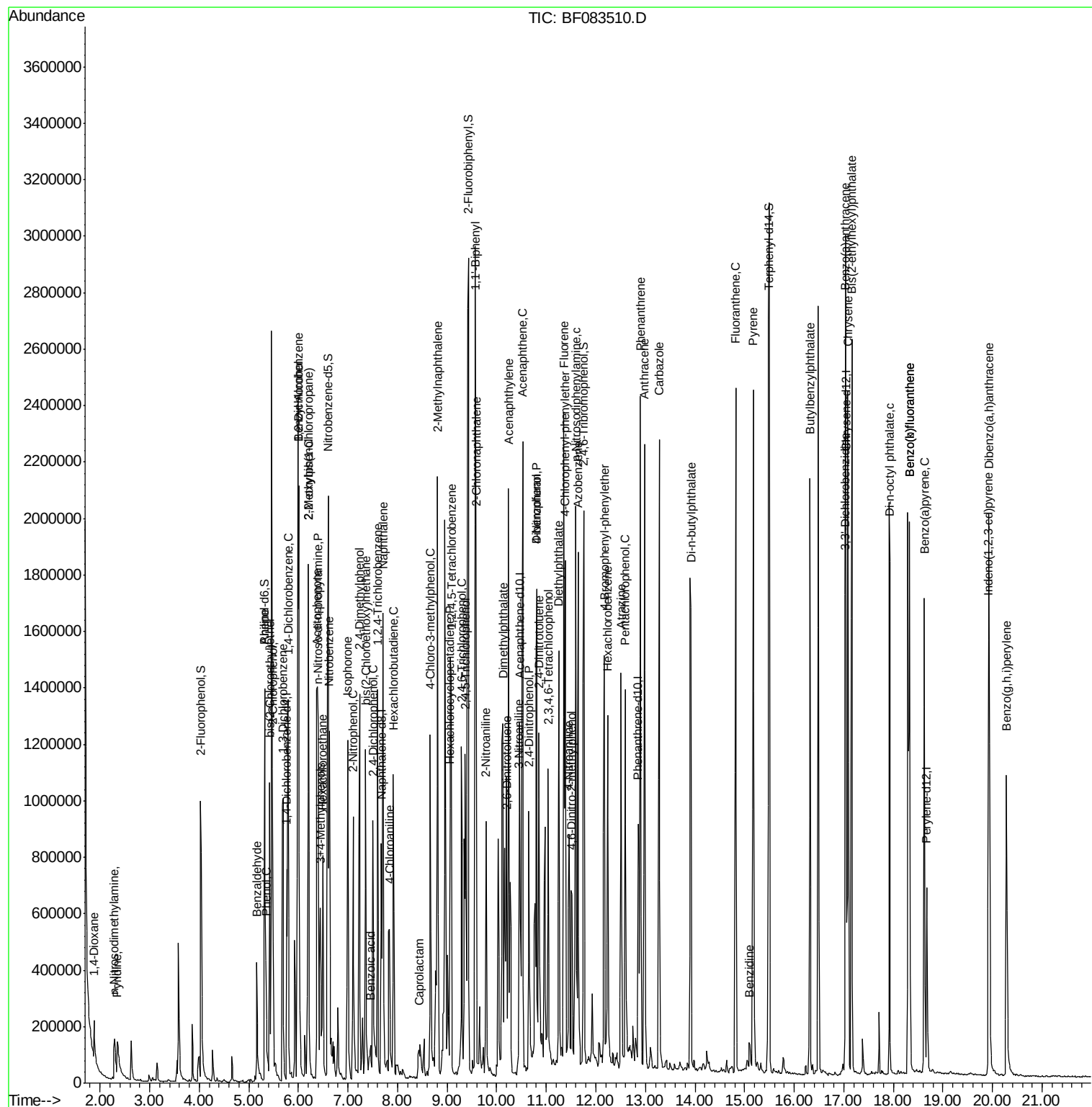
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	230310	44.81	nq	98
43) 2,4,5-Trichlorophenol	9.37	196	247711	46.79	nq	94
45) 1,1'-Biphenyl	9.57	154	931091	42.09	nq	99
46) 2-Chloronaphthalene	9.58	162	736452	44.18	nq	99
47) 2-Nitroaniline	9.78	65	291655	49.12	nq	98
48) Acenaphthylene	10.24	152	1206957	44.22	nq	100
49) Dimethylphthalate	10.12	163	916146	46.76	nq	98
50) 2,6-Dinitrotoluene	10.20	165	198865	48.20	nq	# 75
51) Acenaphthene	10.52	154	733831	46.72	nq	98
52) 3-Nitroaniline	10.45	138	123436	27.75	nq	98
53) 2,4-Dinitrophenol	10.65	184	194475	90.43	nq	97
54) Dibenzofuran	10.81	168	1082079	49.73	nq	99
55) 4-Nitrophenol	10.81	139	395692	157.95	nq	# 6
56) 2,4-Dinitrotoluene	10.85	165	271118	50.32	nq	# 77
57) Fluorene	11.36	166	869151	45.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.04	232	204846	51.74	nq	# 100
59) Diethylphthalate	11.25	149	884865	46.93	nq	100
60) 4-Chlorophenyl-phenylether	11.38	204	403478	44.47	nq	99
61) 4-Nitroaniline	11.46	138	188334	46.73	nq	91
62) Azobenzene	11.64	77	1107043	55.03	nq	98
64) 4,6-Dinitro-2-methylphenol	11.52	198	143058	44.26	nq	# 75
65) n-Nitrosodiphenylamine	11.60	169	736367	46.12	nq	98
66) 4-Bromophenyl-phenylether	12.17	248	233287	44.27	nq	98
67) Hexachlorobenzene	12.24	284	257255	45.67	nq	98
68) Atrazine	12.51	200	239257	49.56	nq	99
69) Pentachlorophenol	12.59	266	252777	97.68	nq	96
70) Phenanthrene	12.90	178	1304131	46.46	nq	99
71) Anthracene	12.98	178	1340294	46.82	nq	99
72) Carbazole	13.28	167	1221693	49.70	nq	98
73) Di-n-butylphthalate	13.92	149	1454400	49.13	nq	98
74) Fluoranthene	14.82	202	1378323	49.55	nq	99
76) Benzidine	15.09	184	86949	5.62	nq	98
77) Pyrene	15.17	202	1402157	43.77	nq	98
79) Butylbenzylphthalate	16.32	149	627266	49.79	nq	91
80) Benzo(a)anthracene	17.04	228	1185868	47.33	nq	99
81) 3,3'-Dichlorobenzidine	17.03	252	220690	27.54	nq	# 97
82) Chrysene	17.08	228	1109648	44.45	nq	99
83) Bis(2-ethylhexyl)phthalate	17.16	149	874373	52.89	nq	99
84) Di-n-octyl phthalate	17.93	149	1367887	58.02	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.92	276	987121	46.13	nq	# 100
87) Benzo(b)fluoranthene	18.33	252	1914612	95.61	nq	98
88) Benzo(k)fluoranthene	18.33	252	1914612	93.33	nq	# 94
89) Benzo(a)pyrene	18.63	252	919784	47.22	nq	# 96
90) Dibenzo(a,h)anthracene	19.93	278	836661	44.64	nq	96
91) Benzo(g,h,i)perylene	20.28	276	837329	44.34	nq	96

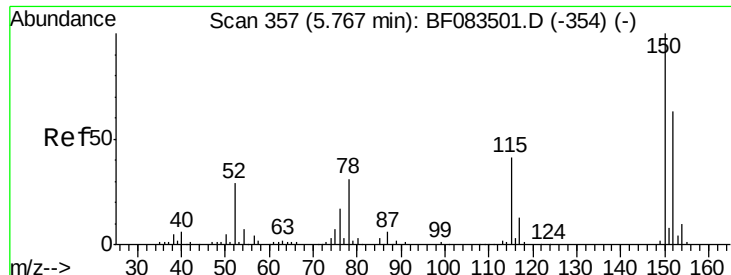
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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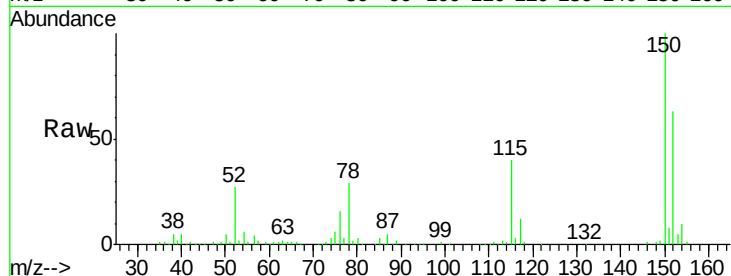


#1

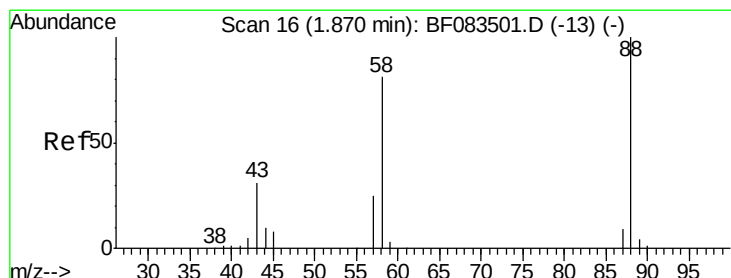
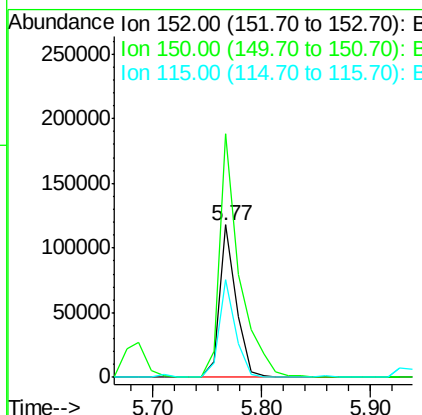
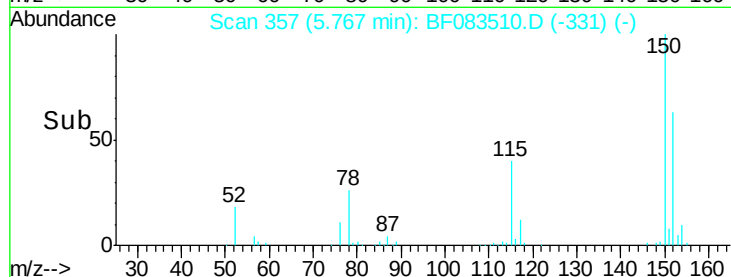
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

Tot Ion:152 Resp: 126601
Ion Ratio Lower Upper
152 100
150 159.8 126.5 189.7
115 64.5 52.3 78.5



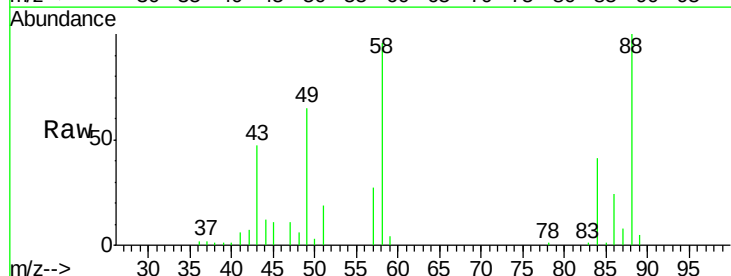
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



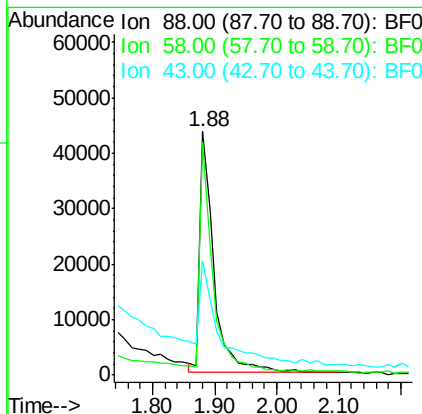
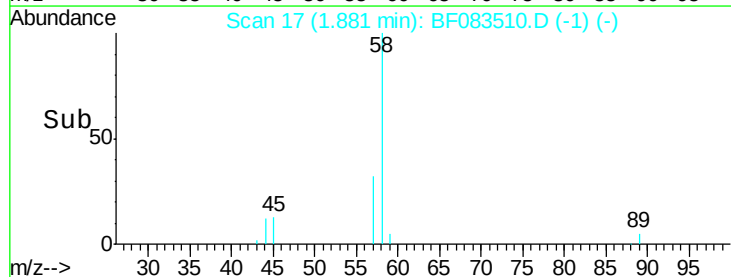
#2

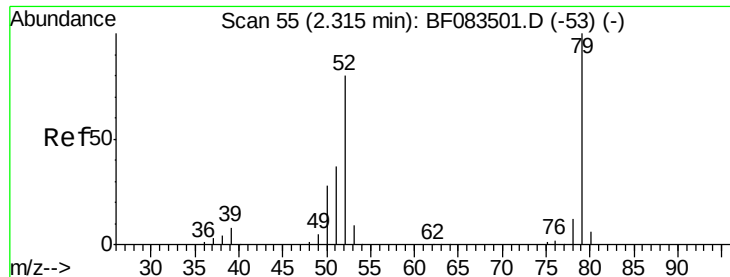
1,4-Dioxane
Concen: 15.85 ng
RT: 1.88 min Scan# 17
Delta R.T. 0.01 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Tgt Ion: 88 Resp: 69387
Ion Ratio Lower Upper
88 100
58 85.4 68.0 102.0
43 52.7 27.9 41.9#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 13.65 ng

RT: 2.35 min Scan# 58

Delta R.T. 0.03 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MSD

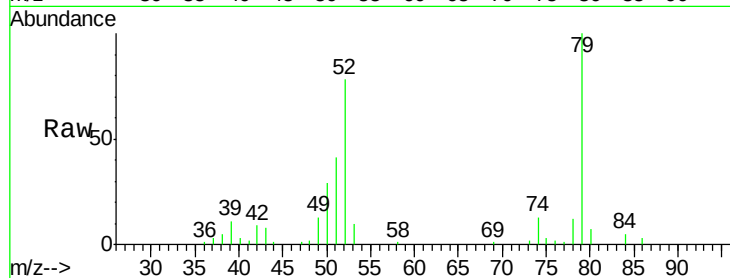
Tot Ion: 79 Resp: 142625

Ion Ratio Lower Upper

79 100

52 78.4 63.7 95.5

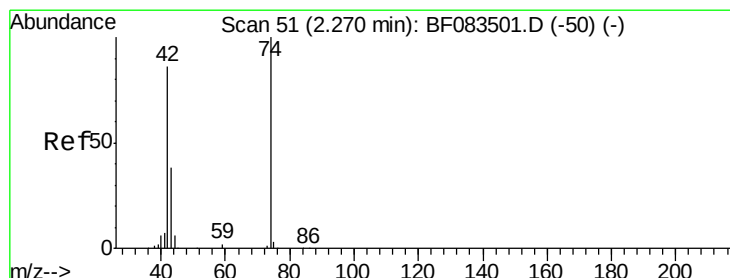
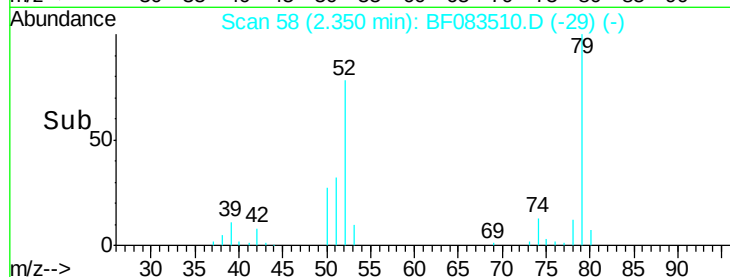
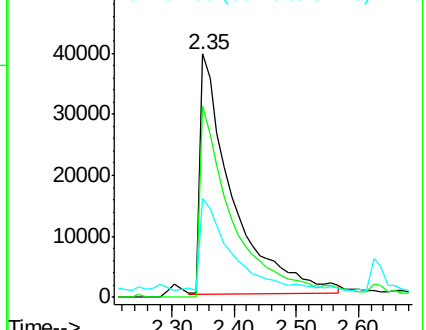
51 40.7 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 16.55 ng

RT: 2.29 min Scan# 53

Delta R.T. 0.02 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

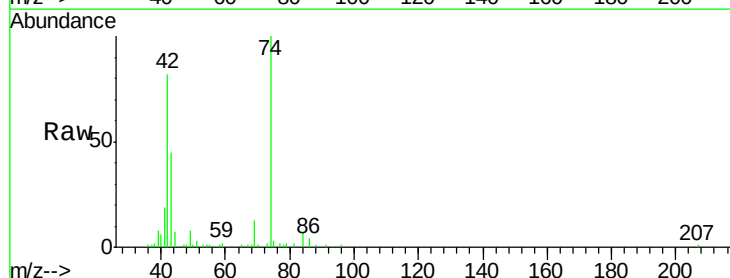
Tgt Ion: 42 Resp: 87056

Ion Ratio Lower Upper

42 100

74 122.3 92.9 139.3

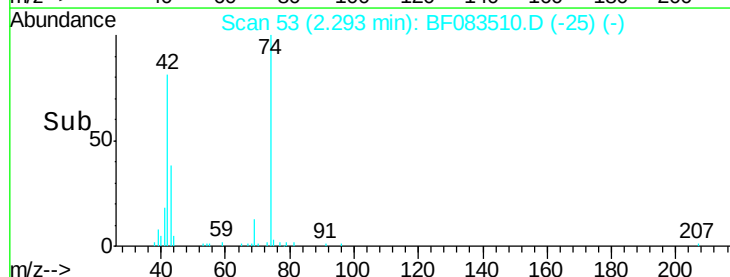
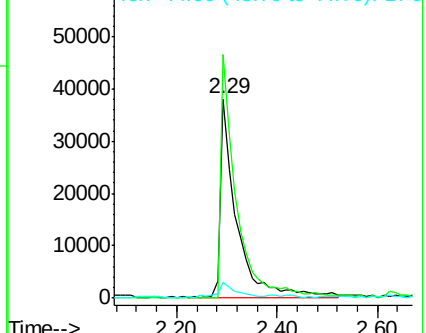
44 8.1 5.7 8.5

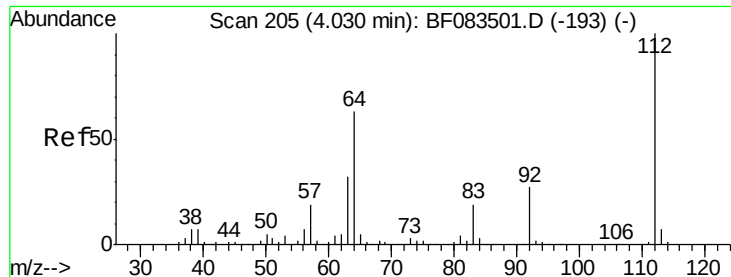


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 58.10 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

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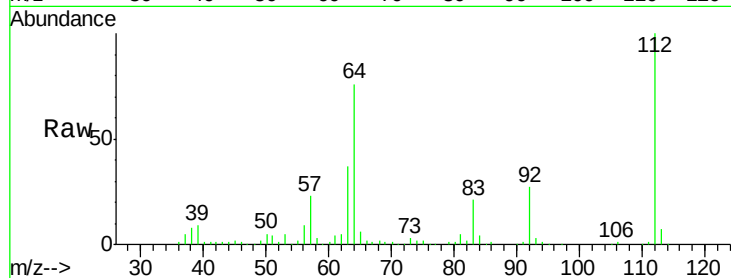
Tot Ion:112 Resp: 484869

Ion Ratio Lower Upper

112 100

64 75.7 50.5 75.7

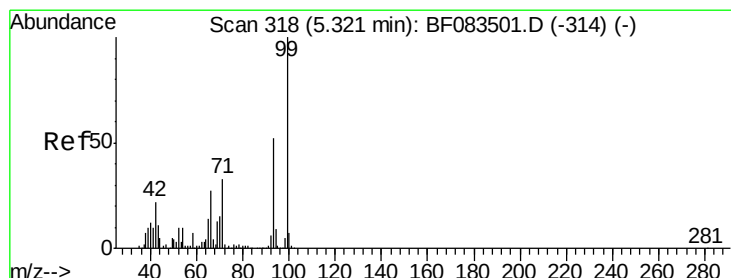
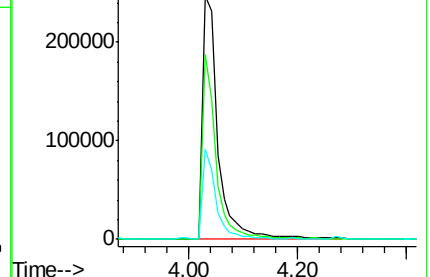
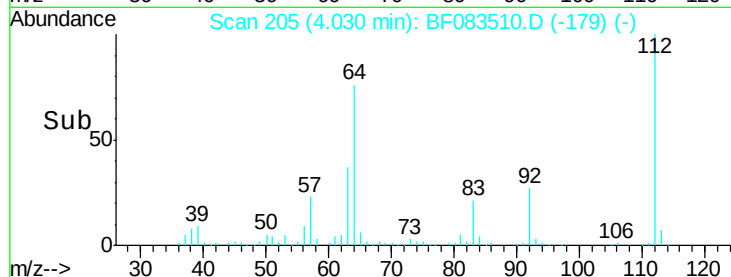
63 37.1 25.8 38.6



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: 19.96 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

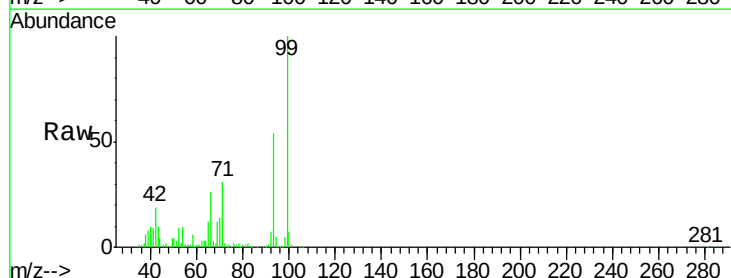
Tgt Ion: 93 Resp: 298679

Ion Ratio Lower Upper

93 100

66 48.1 41.3 61.9

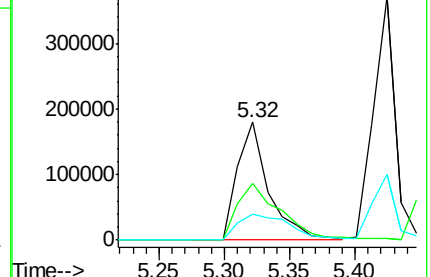
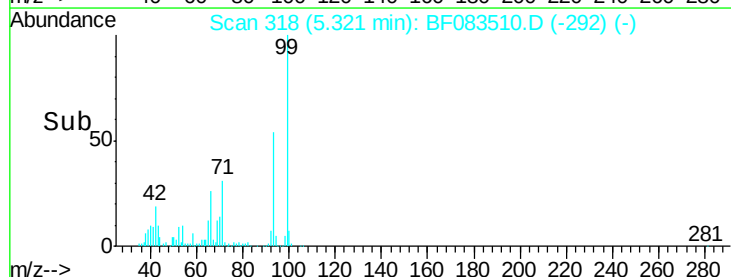
65 22.0 20.8 31.2

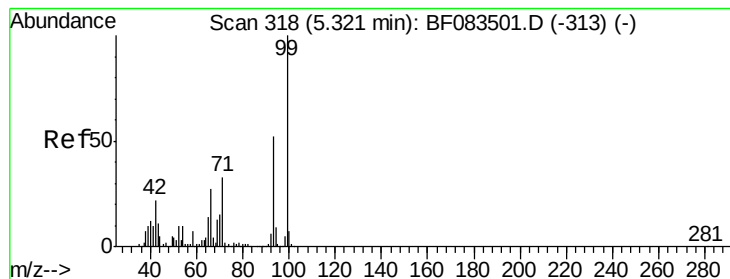


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 33.99 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083510.D

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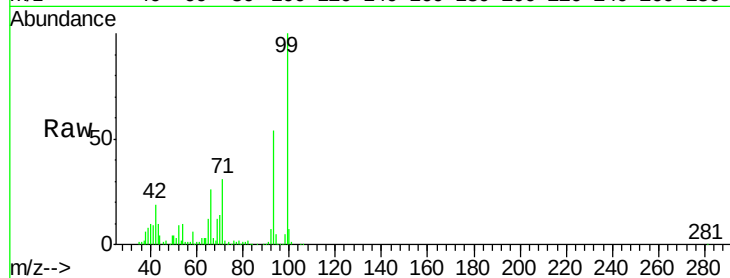
Tot Ion: 99 Resp: 390851

Ion Ratio Lower Upper

99 100

42 19.2 17.3 25.9

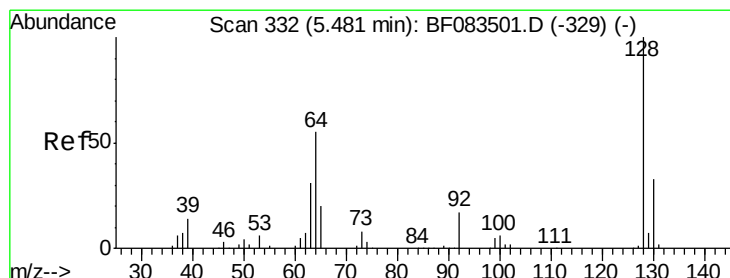
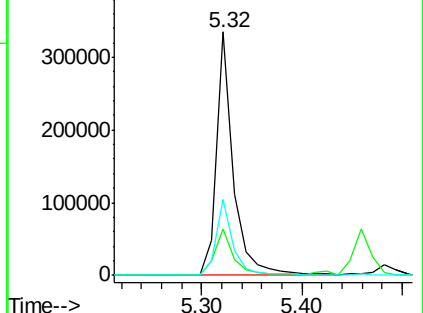
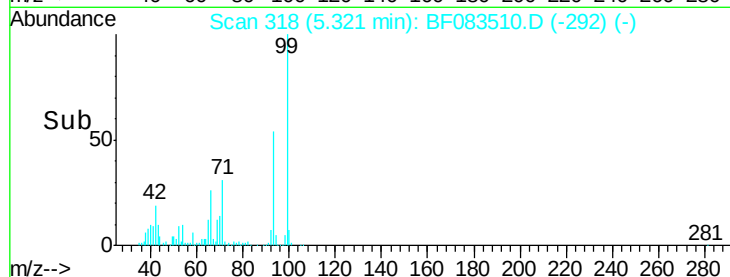
71 31.4 26.6 40.0



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: 34.95 ng

RT: 5.48 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

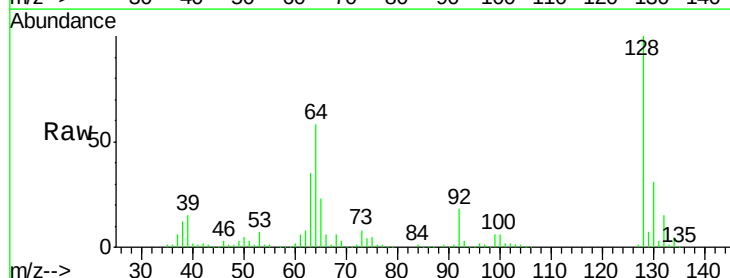
Tgt Ion: 128 Resp: 324327

Ion Ratio Lower Upper

128 100

130 31.4 12.6 52.6

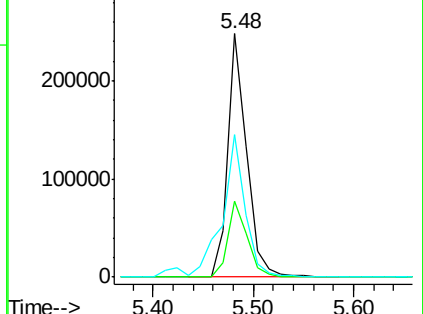
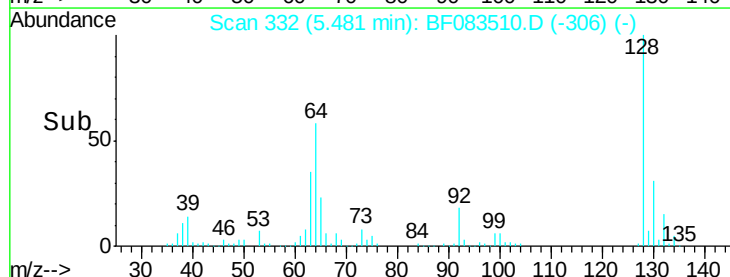
64 58.4 38.6 78.6

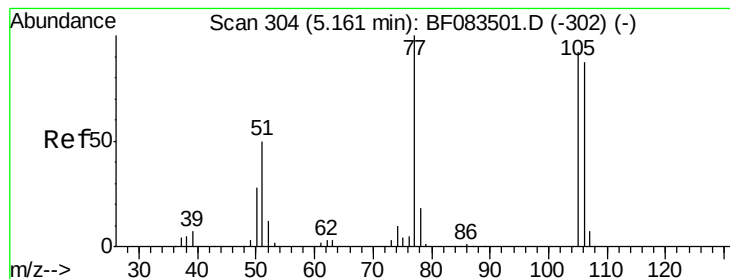


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.06 ng

RT: 5.16 min Scan# 304

Delta R.T. 0.00 min

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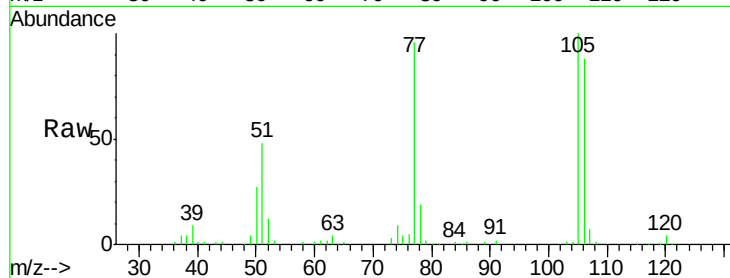
Tot Ion: 77 Resp: 145404

Ion Ratio Lower Upper

77 100

105 104.3 71.8 111.8

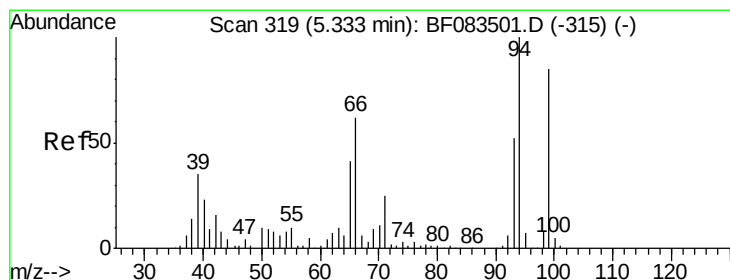
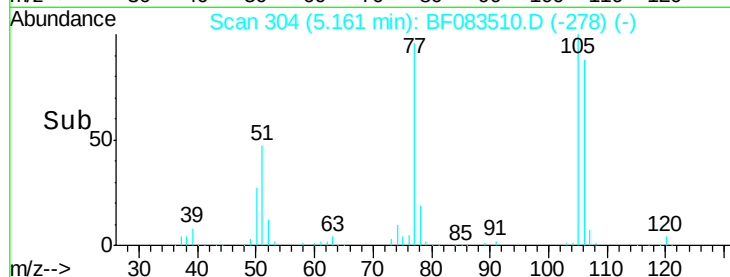
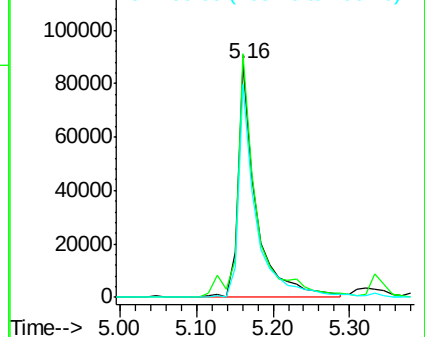
106 91.4 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 13.48 ng

RT: 5.34 min Scan# 320

Delta R.T. 0.01 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

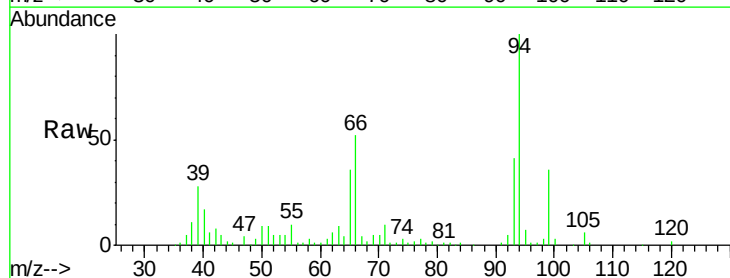
Tgt Ion: 94 Resp: 181258

Ion Ratio Lower Upper

94 100

65 36.0 20.9 60.9

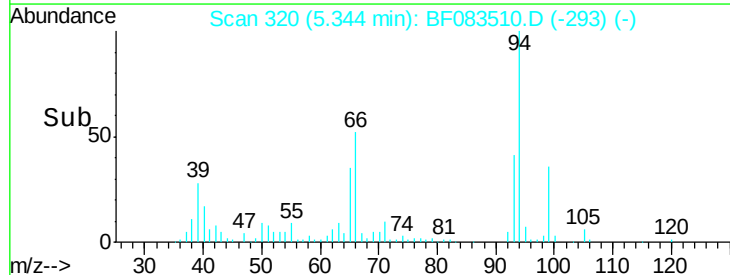
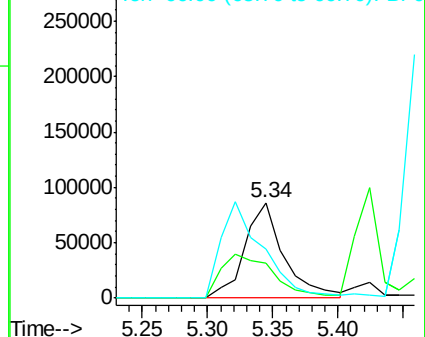
66 51.6 41.6 81.6

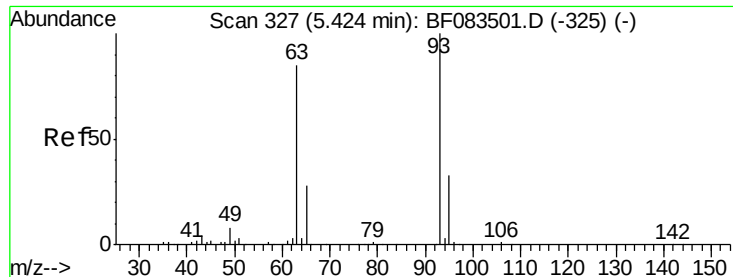


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

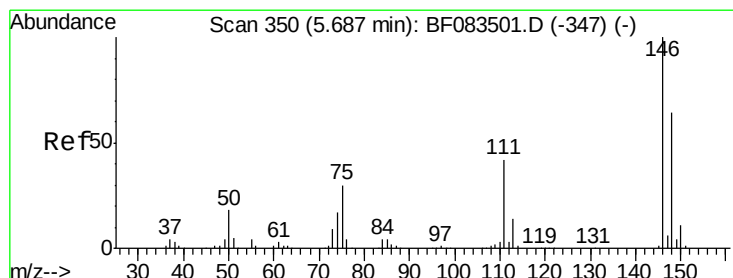
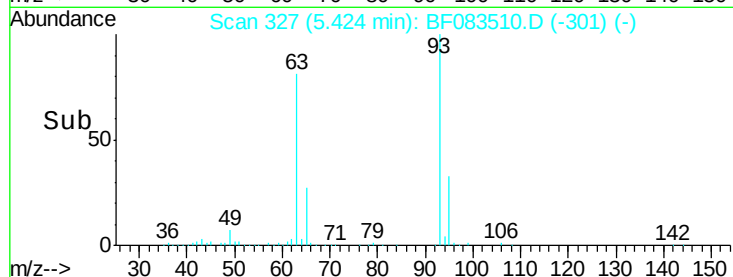
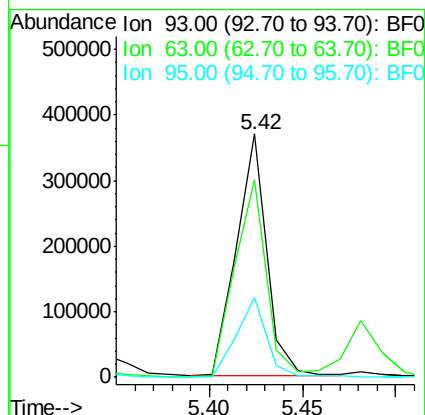
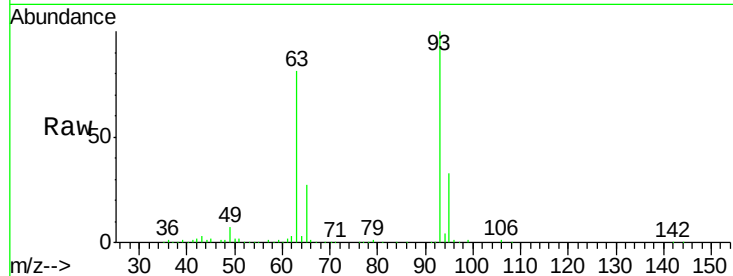




#11
bis(2-Chloroethyl)ether
Concen: 42.13 ng
RT: 5.42 min Scan# 327
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

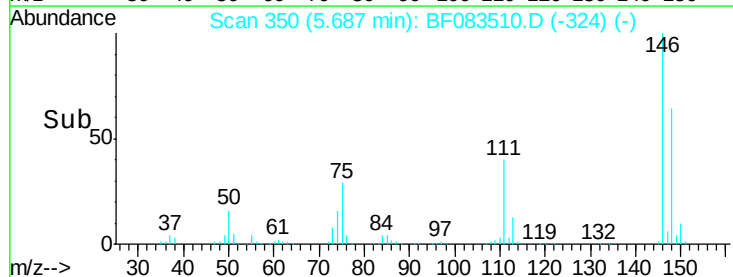
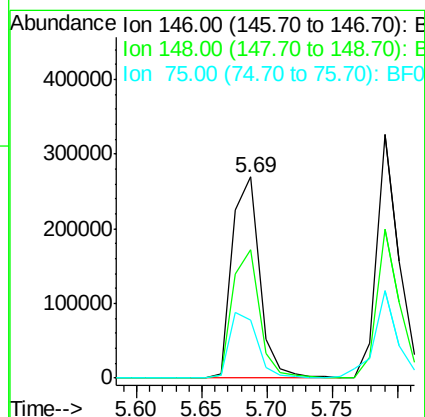
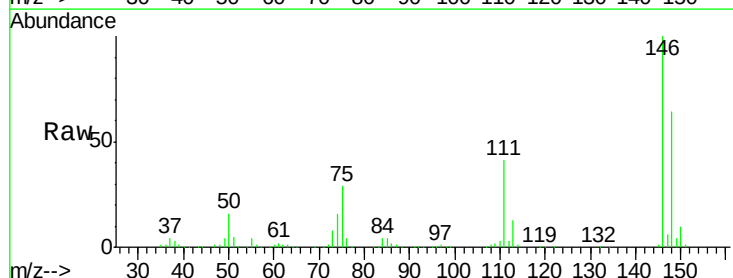
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

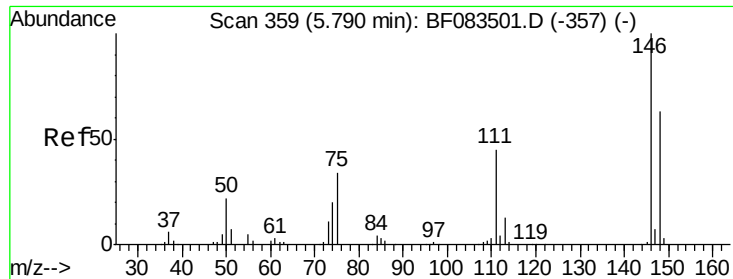
Tot Ion: 93 Resp: 419841
Ion Ratio Lower Upper
93 100
63 81.1 64.7 104.7
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.29 ng
RT: 5.69 min Scan# 350
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Tgt Ion: 146 Resp: 394107
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 28.6 24.1 36.1

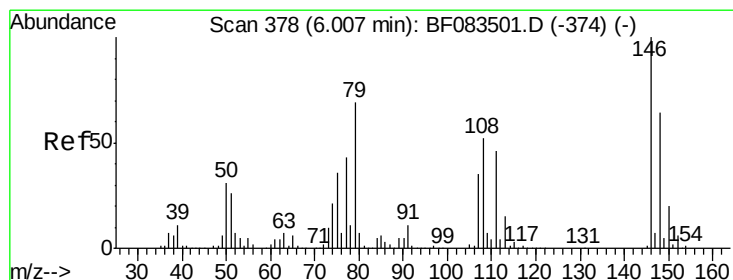
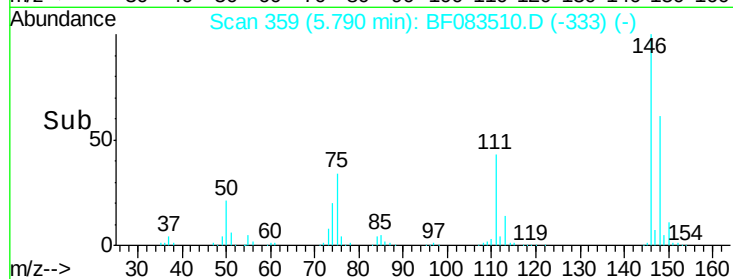
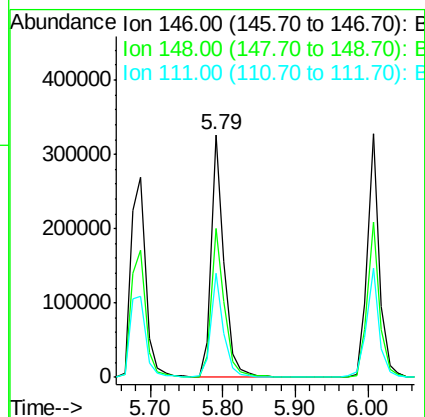
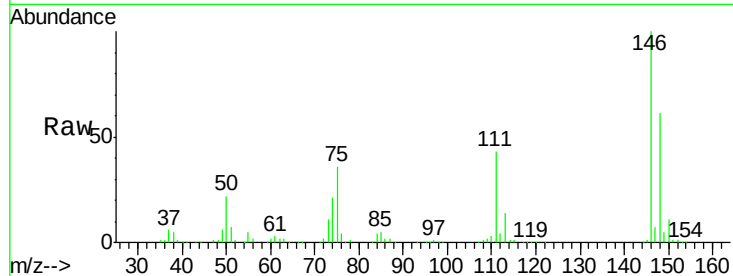




#13
1,4-Dichlorobenzene
Concen: 37.93 ng
RT: 5.79 min Scan# 359
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

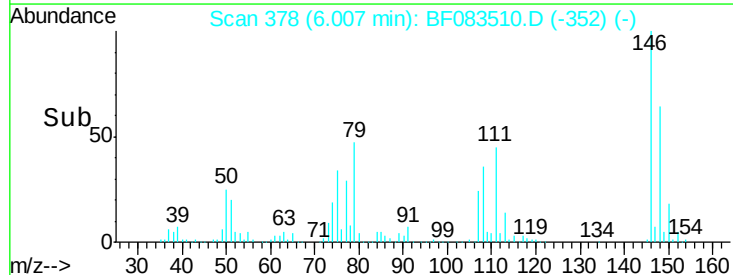
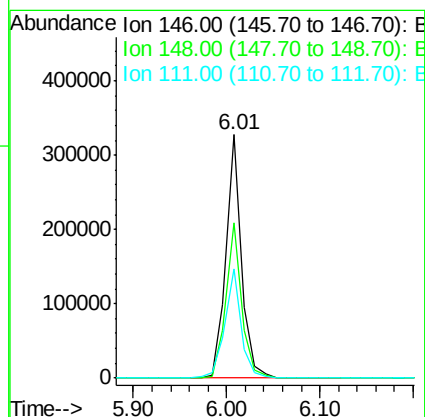
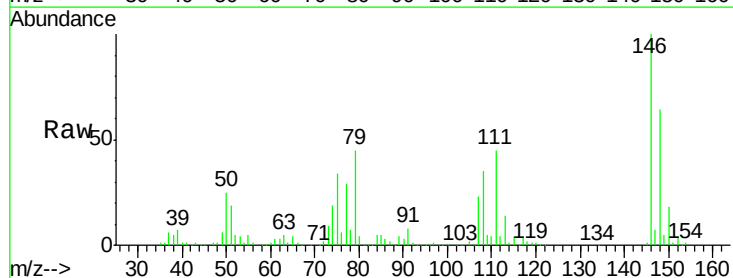
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

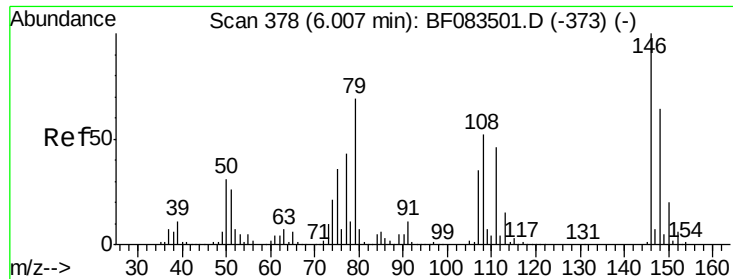
Tot Ion:146 Resp: 398647
Ion Ratio Lower Upper
146 100
148 61.2 50.6 76.0
111 43.0 36.1 54.1



#14
1,2-Dichlorobenzene
Concen: 39.11 ng
RT: 6.01 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Tgt Ion:146 Resp: 378017
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.0
111 44.9 36.7 55.1

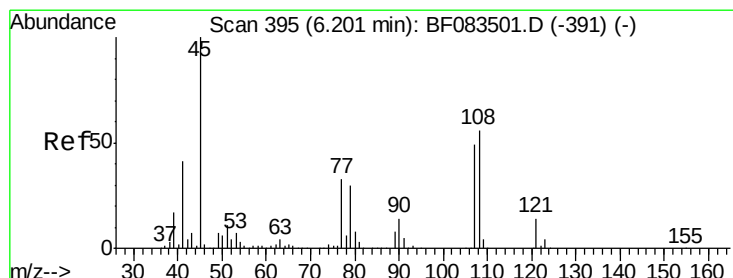
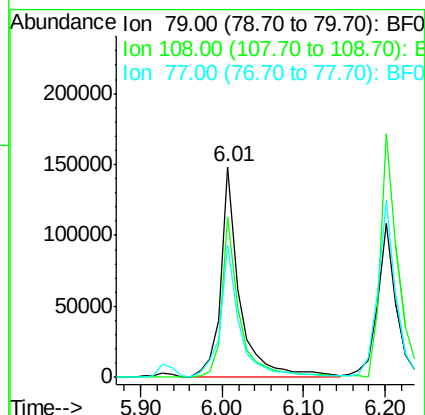
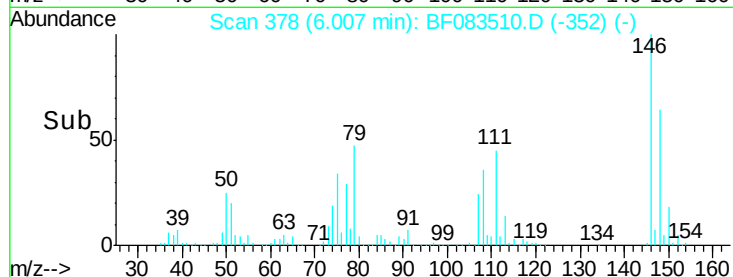
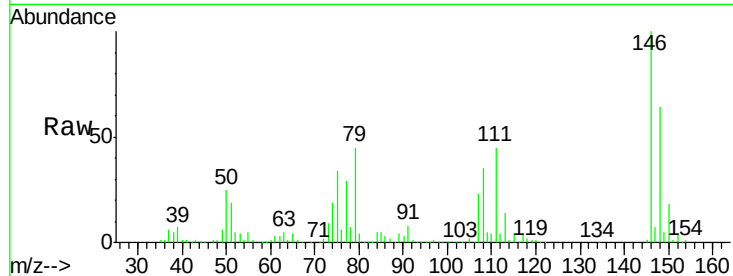




#15
Benzyl Alcohol
Concen: 30.24 ng
RT: 6.01 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

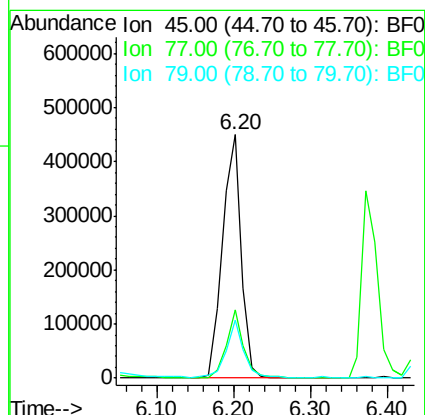
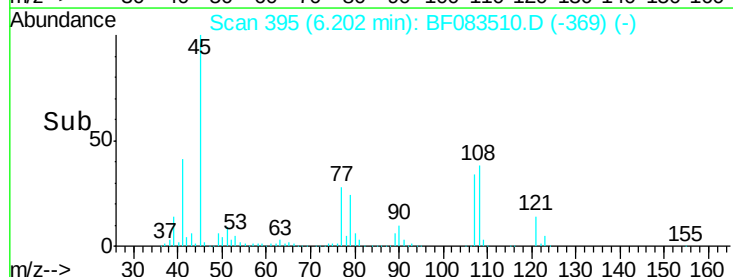
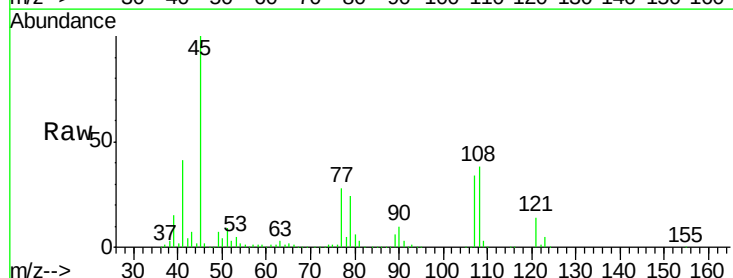
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

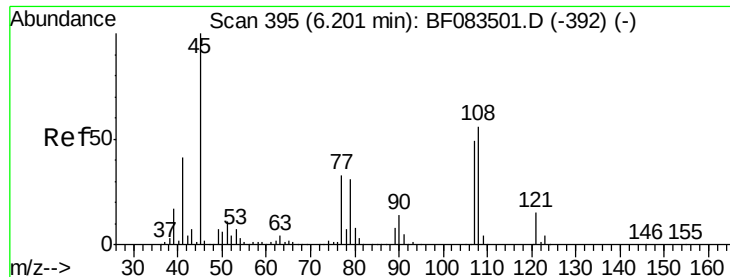
Tot Ion: 79 Resp: 241219
Ion Ratio Lower Upper
79 100
108 76.1 59.6 89.4
77 62.9 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.71 ng
RT: 6.20 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Tgt Ion: 45 Resp: 770517
Ion Ratio Lower Upper
45 100
77 27.8 12.8 52.8
79 24.0 10.7 50.7





#17

2-Methylphenol

Concen: 28.84 ng

RT: 6.20 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MSD

Tot Ion:107 Resp: 220873

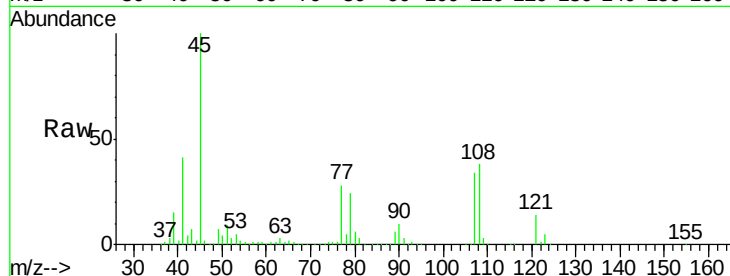
Ion Ratio Lower Upper

107 100

108 112.3 91.6 137.4

77 81.9 53.7 80.5#

79 70.8 50.2 75.4

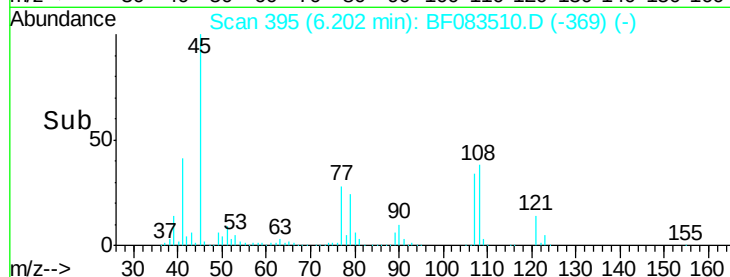


Abundance Ion 107.00 (106.70 to 107.70): E

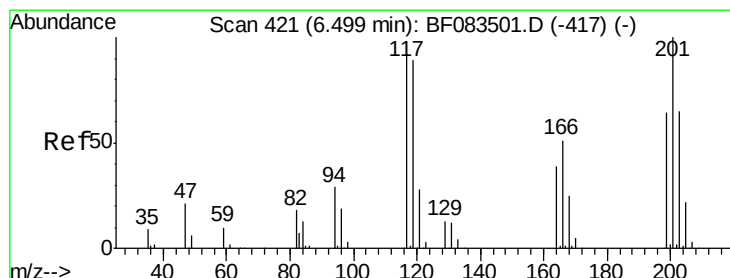
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time--> 6.10 6.20 6.30



#18

Hexachloroethane

Concen: 37.92 ng

RT: 6.49 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

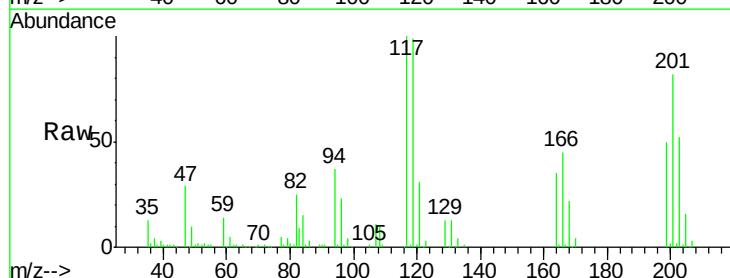
Tgt Ion:117 Resp: 139094

Ion Ratio Lower Upper

117 100

119 99.1 77.2 115.8

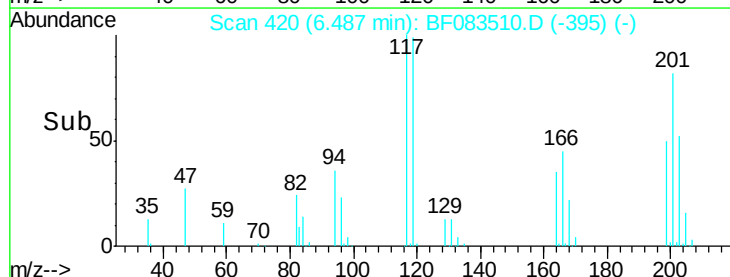
201 82.3 86.8 130.2#



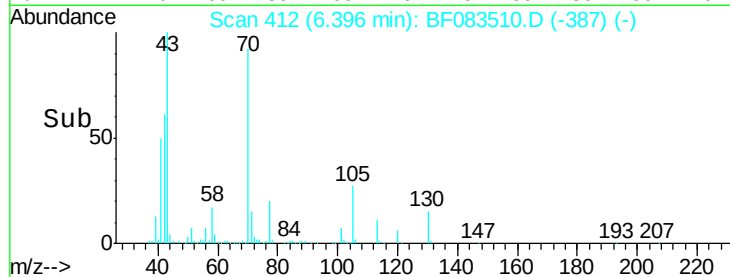
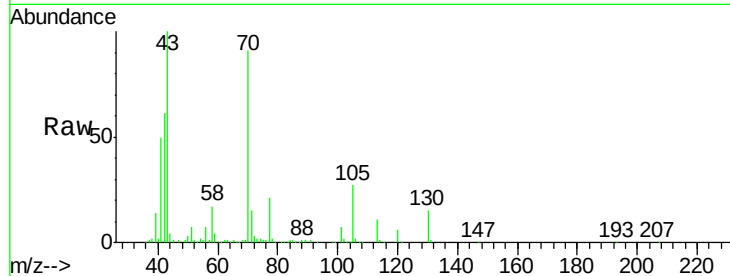
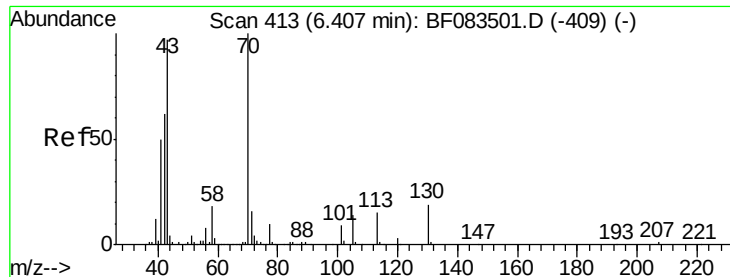
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



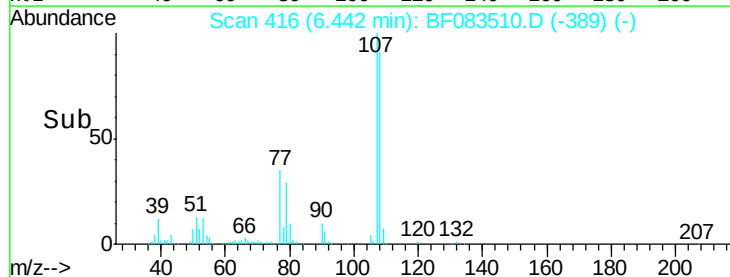
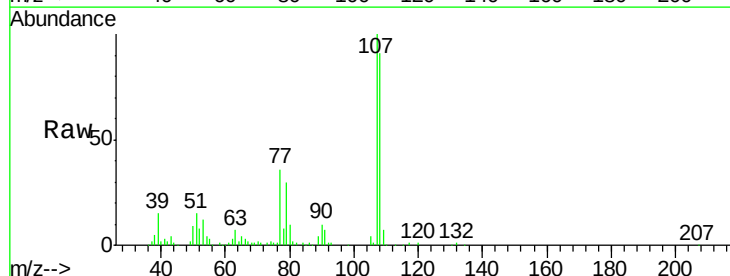
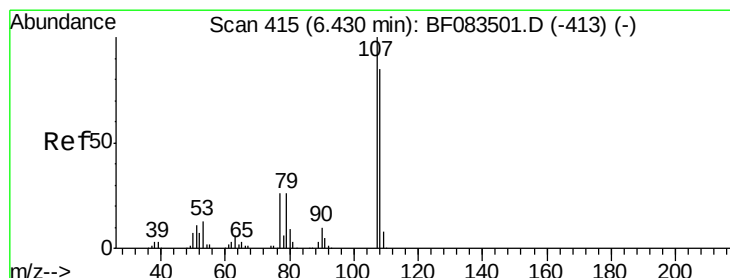
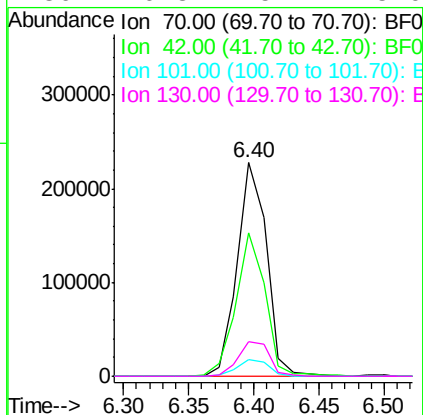
Time--> 6.40 6.50 6.60



#19
n-Nitroso-di-n-propylamine
Concen: 46.41 ng
RT: 6.40 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

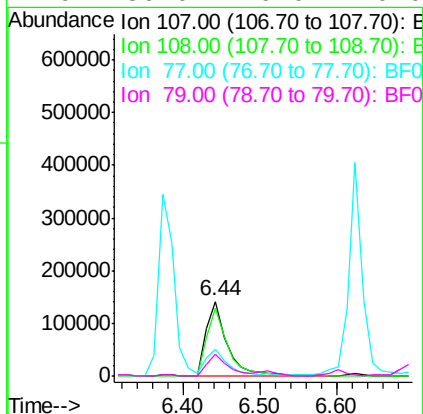
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

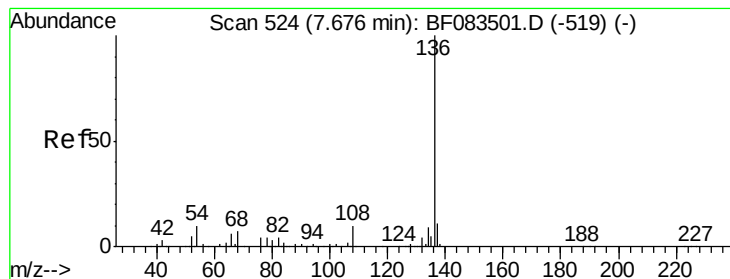
Tot Ion:	70	Resp:	355991
Ion	Ratio	Lower	Upper
70	100		
42	67.2	49.2	73.8
101	8.0	7.1	10.7
130	16.3	15.4	23.0



#20
3+4-Methylphenols
Concen: 26.83 ng
RT: 6.44 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Tgt Ion:	107	Resp:	266953
Ion	Ratio	Lower	Upper
107	100		
108	91.2	65.2	105.2
77	36.0	15.2	55.2
79	30.0	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MSD

Tot Ion:136 Resp: 499423

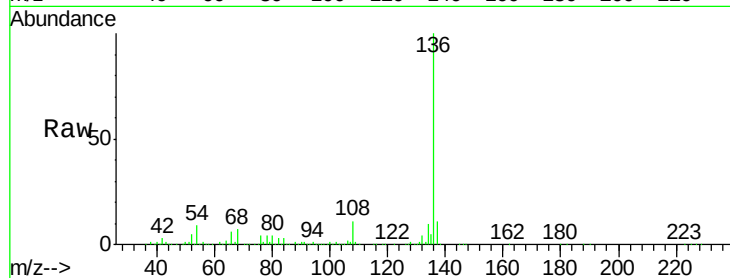
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.5 7.8 11.6

68 7.0 5.7 8.5

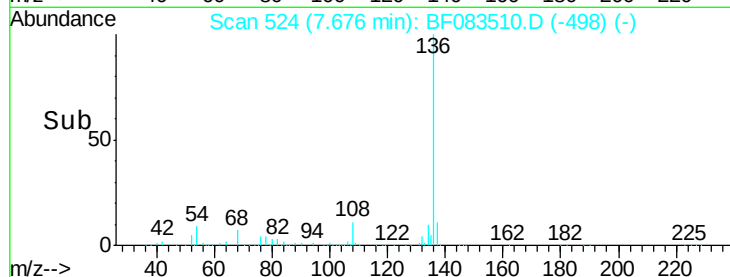


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

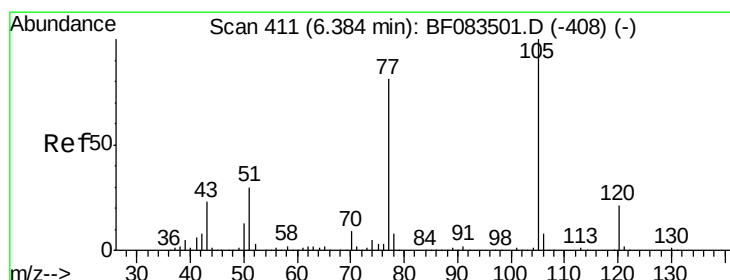
Ion 136.00 (135.70 to 136.70): E

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

Time-->



#22

Acetophenone

Concen: 42.02 ng

RT: 6.37 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Tgt Ion:105 Resp: 604571

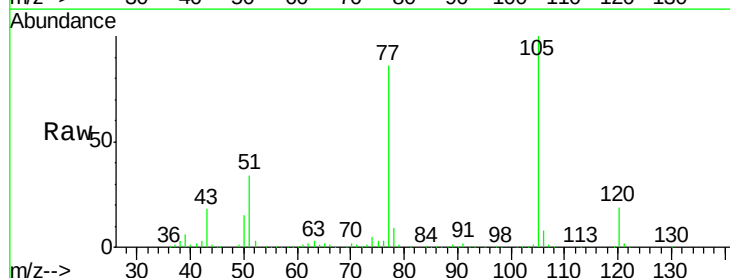
Ion Ratio Lower Upper

105 100

71 0.5 1.3 1.9#

51 33.8 23.8 35.8

120 19.5 16.7 25.1

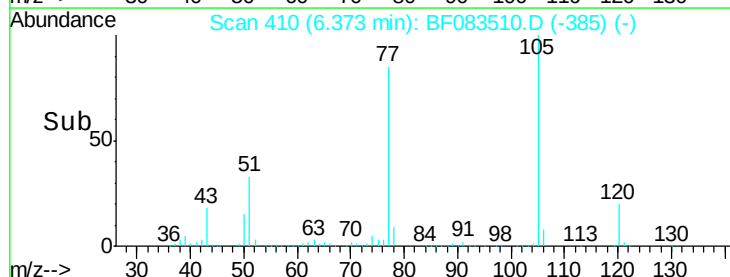


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Abundance

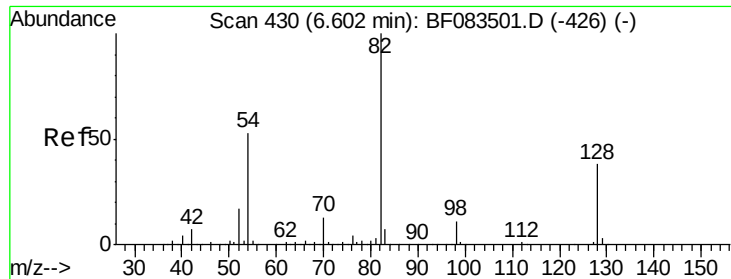
Ion 105.00 (104.70 to 105.70): E

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

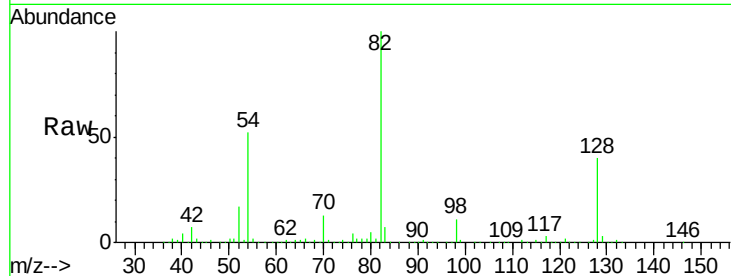
Time-->



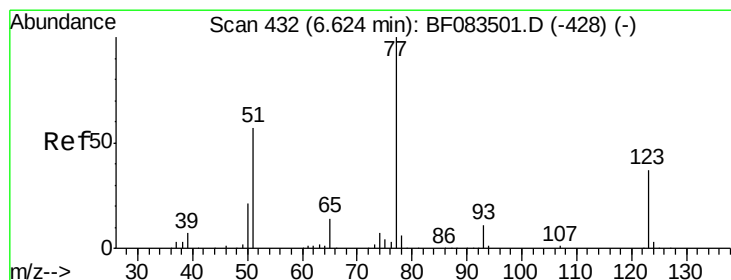
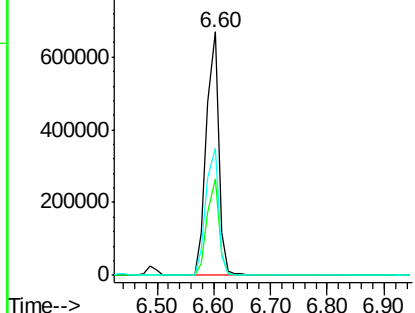
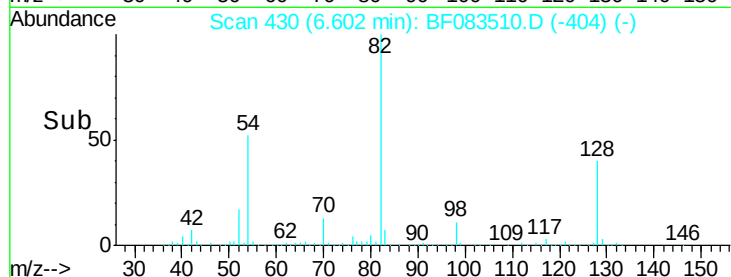
#23
 Nitrobenzene-d5
 Concen: 90.71 ng
 RT: 6.60 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MSD

Tot Ion	82	Resp	969140
Ion Ratio	Lower	Upper	
82	100		
128	39.8	30.7	46.1
54	52.2	42.5	63.7

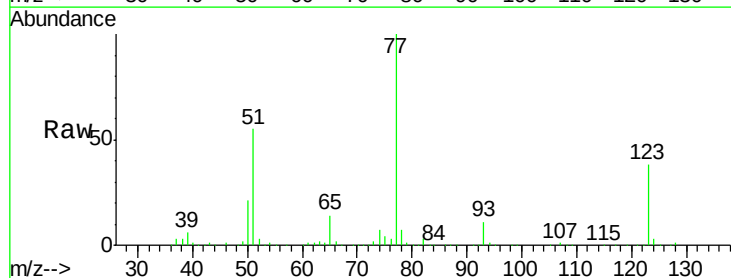


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

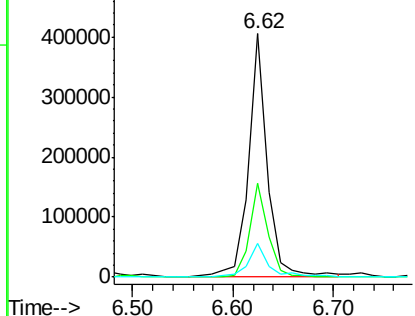
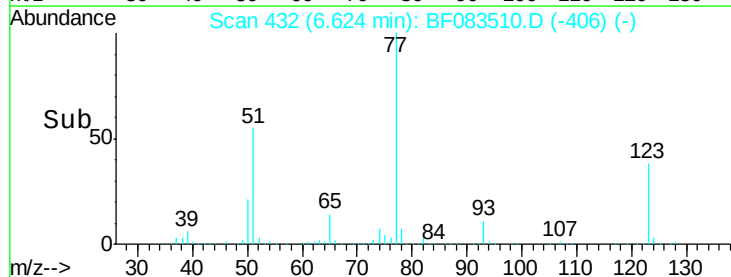


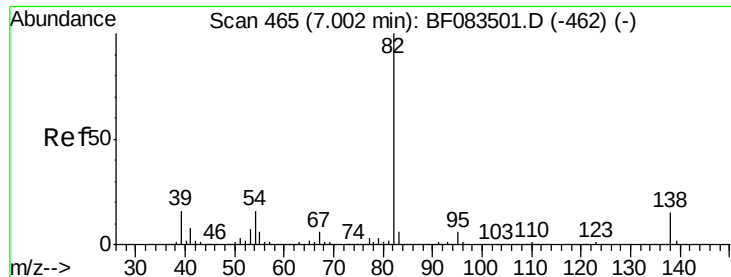
#24
 Nitrobenzene
 Concen: 43.89 ng
 RT: 6.62 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Tgt Ion	77	Resp	516445
Ion Ratio	Lower	Upper	
77	100		
123	38.3	29.8	44.6
65	13.8	11.1	16.7



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





#25

Isophorone

Concen: 43.99 ng

RT: 6.99 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MSD

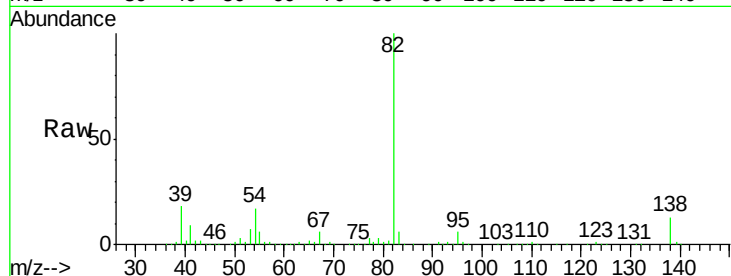
Tot Ion: 82 Resp: 902605

Ion Ratio Lower Upper

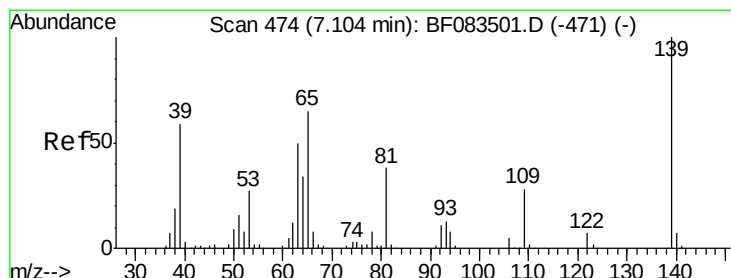
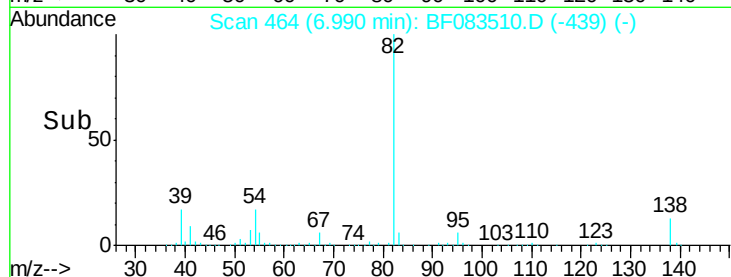
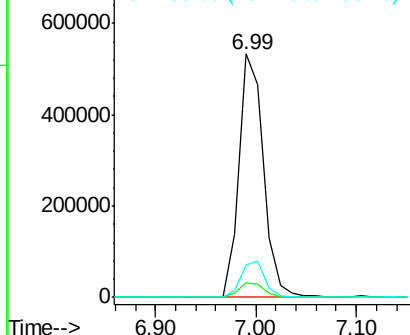
82 100

95 6.0 5.0 7.4

138 13.1 12.1 18.1



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: 43.31 ng

RT: 7.10 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

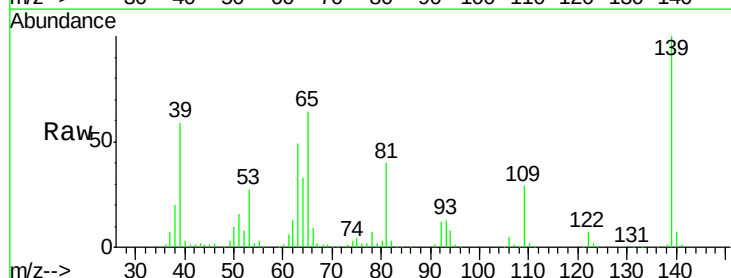
Tgt Ion: 139 Resp: 201090

Ion Ratio Lower Upper

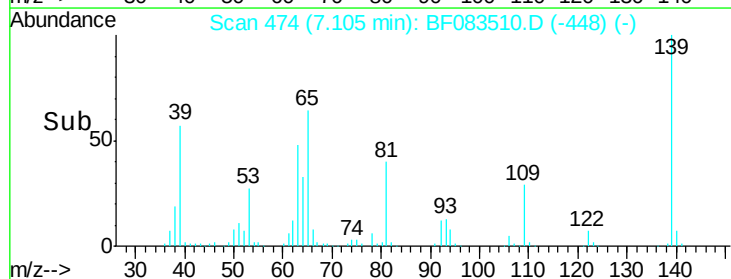
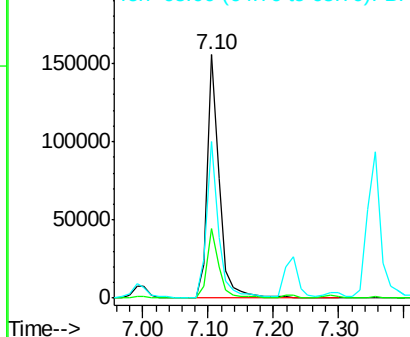
139 100

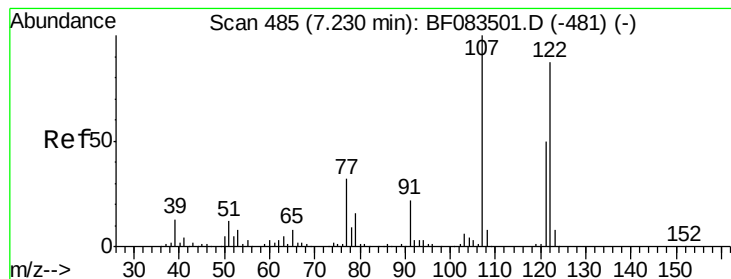
109 28.7 22.7 34.1

65 64.5 51.8 77.8



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: 40.35 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MSD

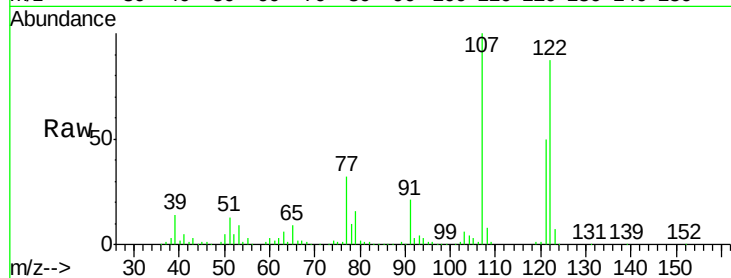
Tot Ion:122 Resp: 331037

Ion Ratio Lower Upper

122 100

107 115.3 92.4 138.6

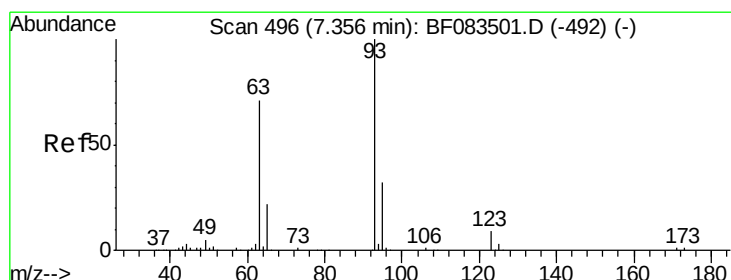
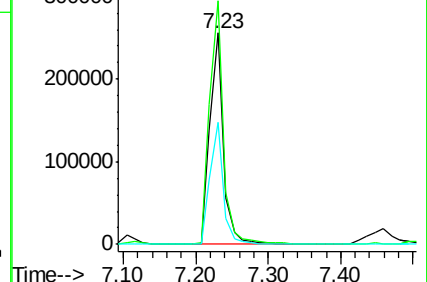
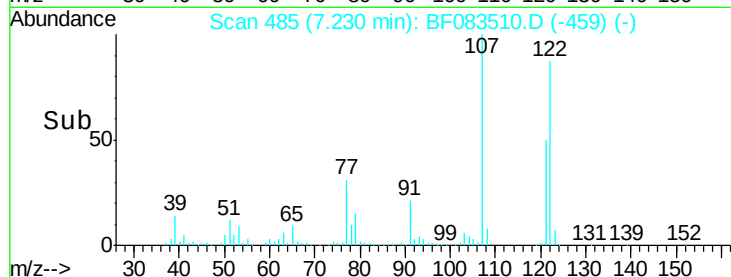
121 57.8 45.8 68.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.04 ng

RT: 7.36 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

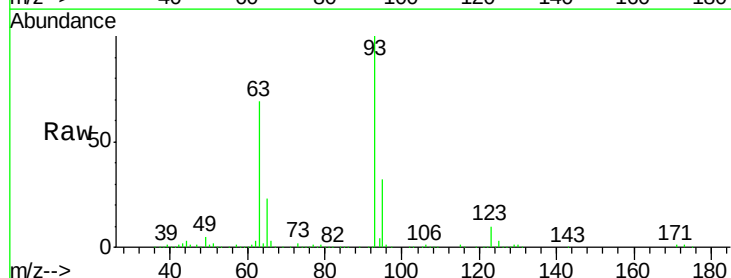
Tgt Ion: 93 Resp: 537930

Ion Ratio Lower Upper

93 100

95 32.1 25.6 38.4

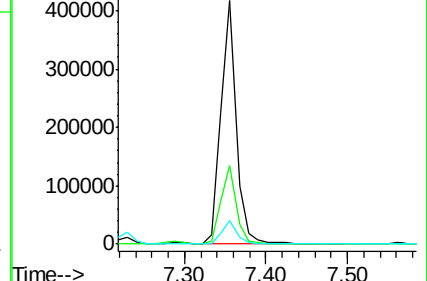
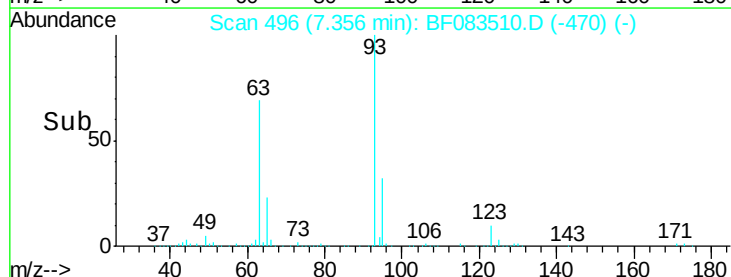
123 9.6 7.3 10.9

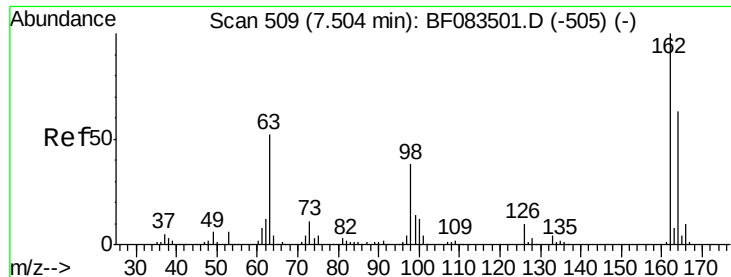


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

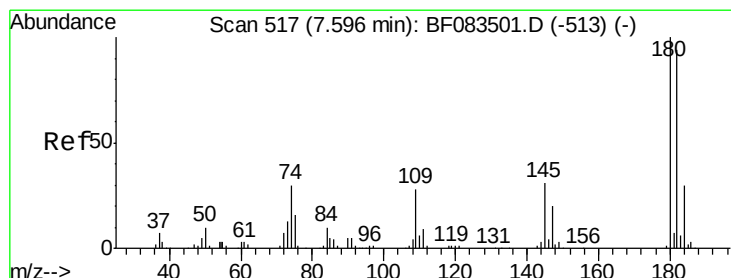
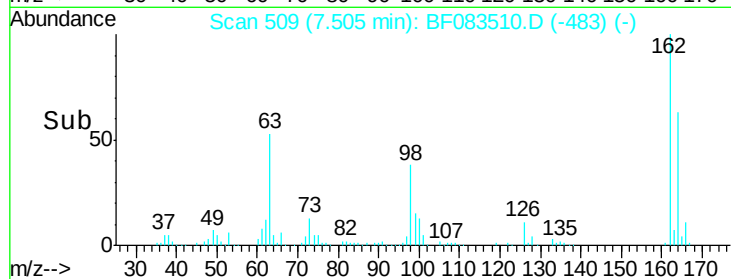
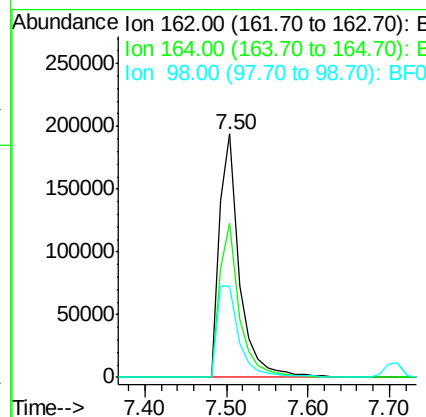
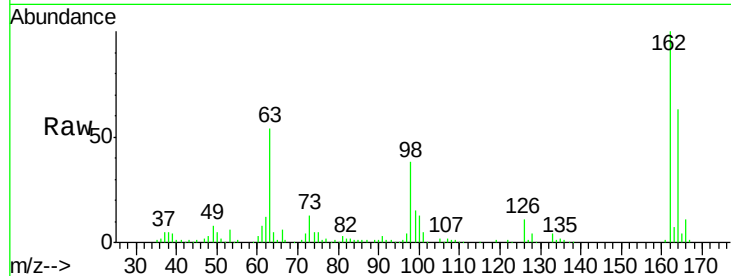




#29
 2,4-Dichlorophenol
 Concen: 44.41 ng
 RT: 7.50 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

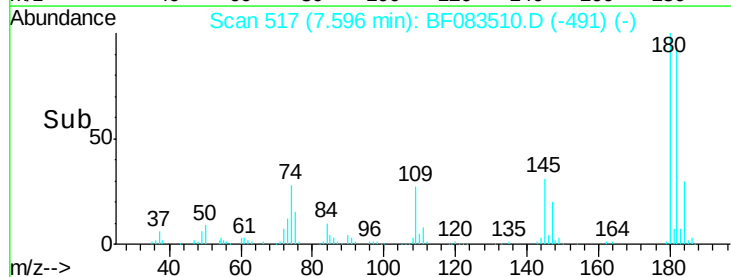
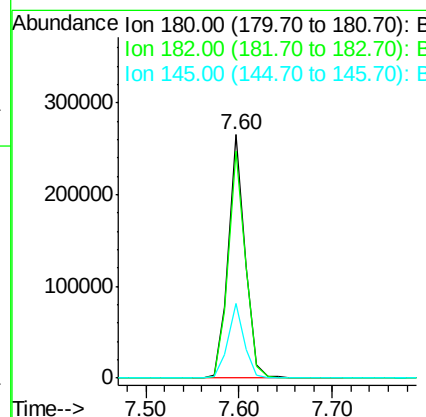
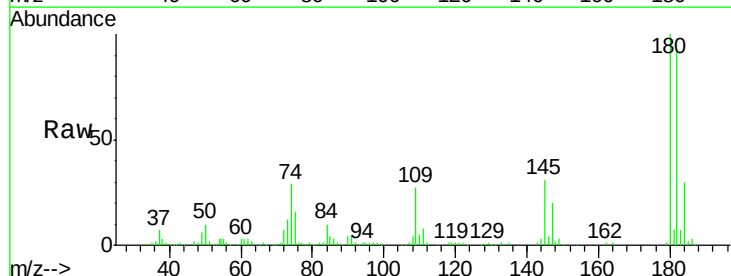
Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MSD

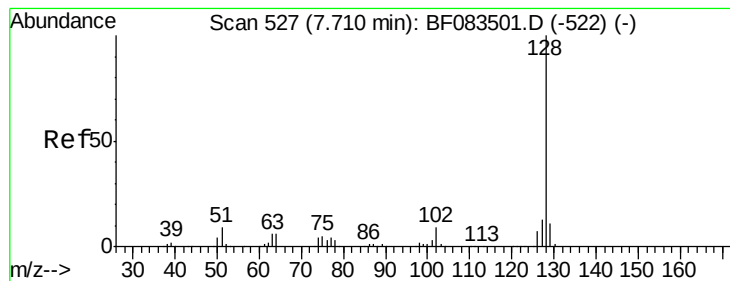
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.4	83.4
98	37.5	17.5	57.5



#30
 1,2,4-Trichlorobenzene
 Concen: 40.78 ng
 RT: 7.60 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	74.9	112.3
145	30.7	24.7	37.1





#31

Naphthalene

Concen: 43.99 ng

RT: 7.71 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MSD

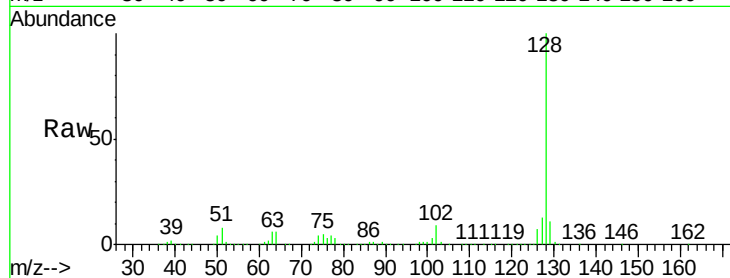
Tot Ion:128 Resp: 1169525

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

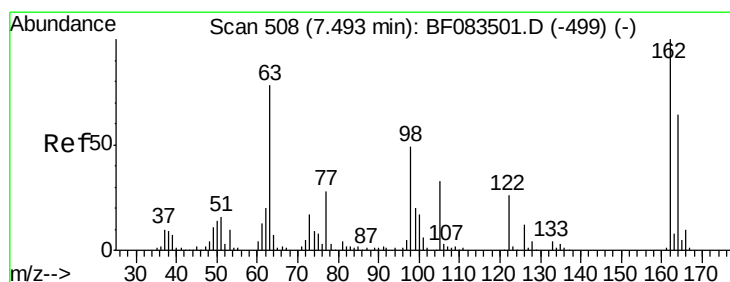
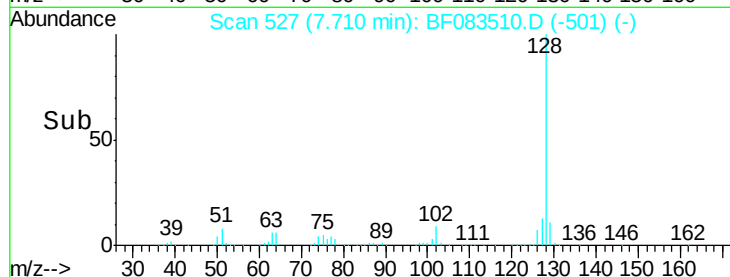
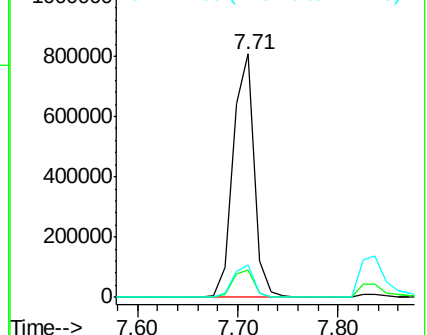
127 13.1 10.6 16.0



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: 13.69 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

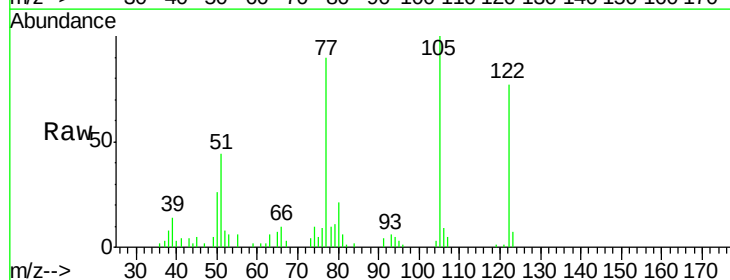
Tgt Ion:122 Resp: 52165

Ion Ratio Lower Upper

122 100

105 129.2 105.6 145.6

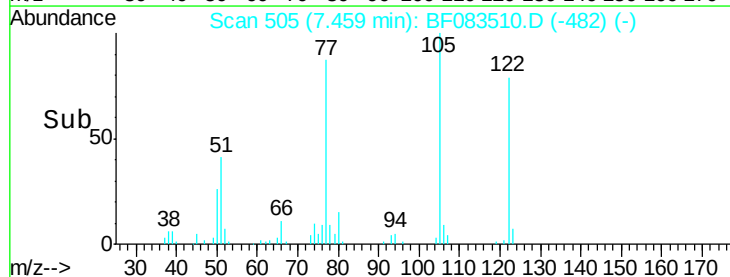
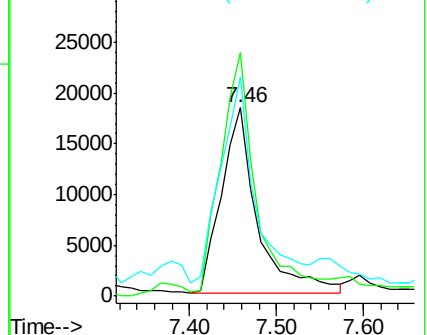
77 116.5 86.8 126.8

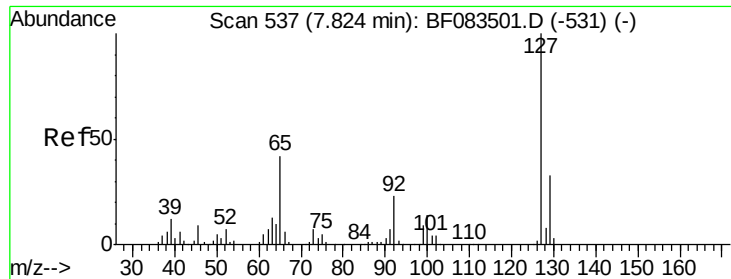


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

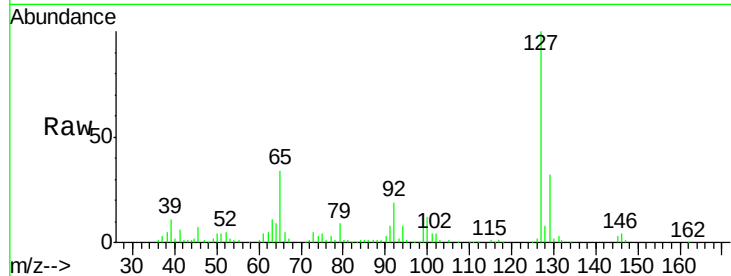




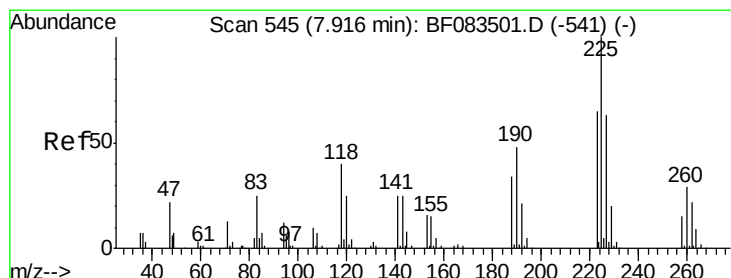
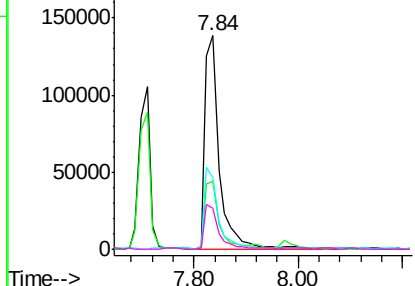
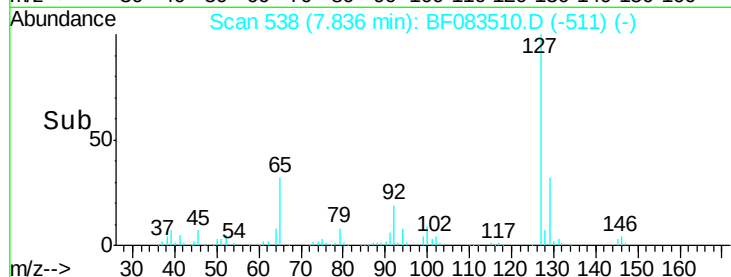
#33
4-Chloroaniline
Concen: 25.36 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

Tot Ion:	127	Resp:	263714
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	33.5	33.5	50.3
92	19.2	18.6	28.0

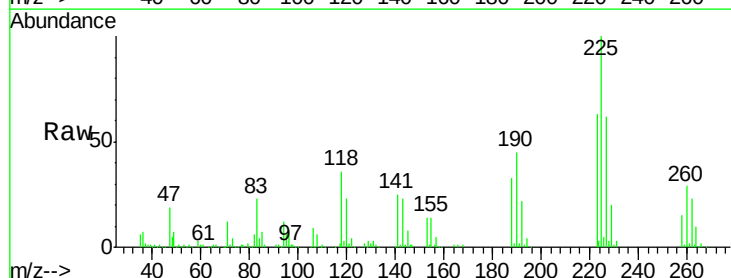


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

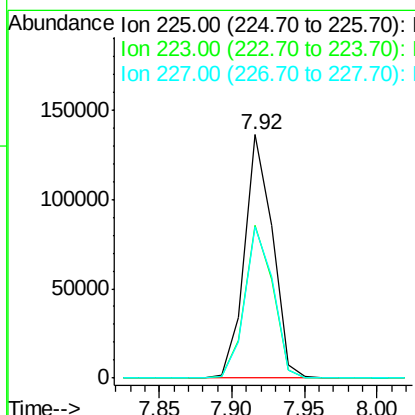
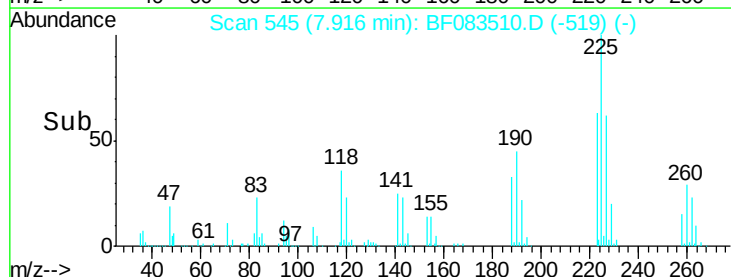


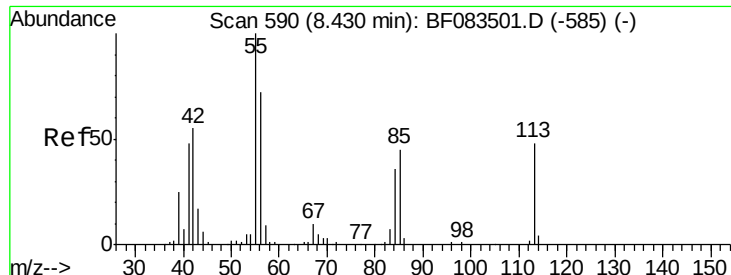
#34
Hexachlorobutadiene
Concen: 37.63 ng
RT: 7.92 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Tgt Ion:	225	Resp:	182123
Ion	Ratio	Lower	Upper
225	100		
223	62.9	52.3	78.5
227	62.0	50.4	75.6



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: 6.99 ng

RT: 8.43 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MSD

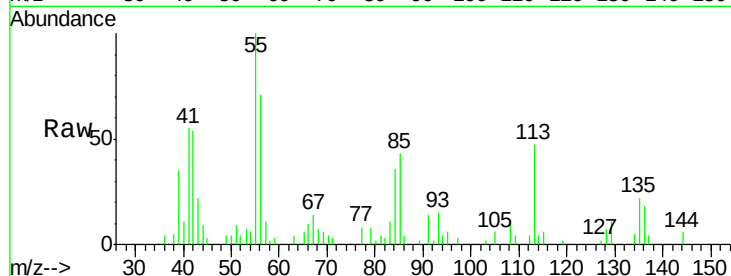
Tot Ion:113 Resp: 16462

Ion Ratio Lower Upper

113 100

55 214.2 189.7 229.7

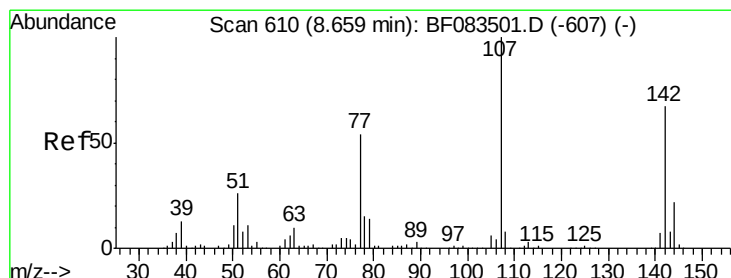
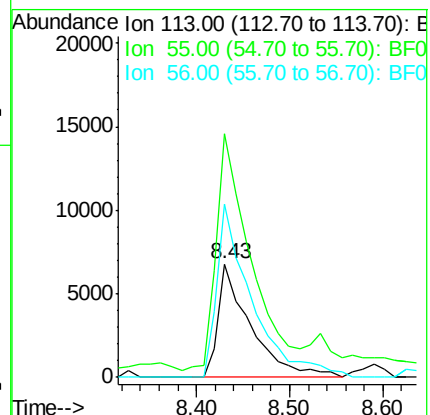
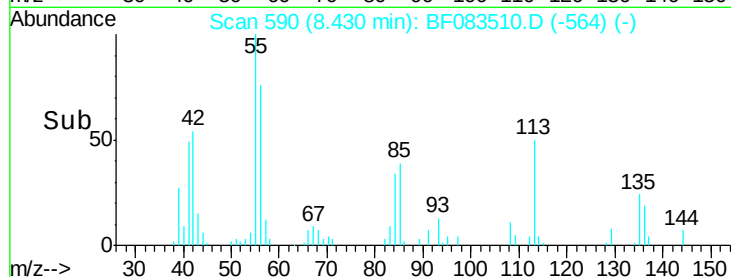
56 152.8 130.7 170.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.95 ng

RT: 8.66 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

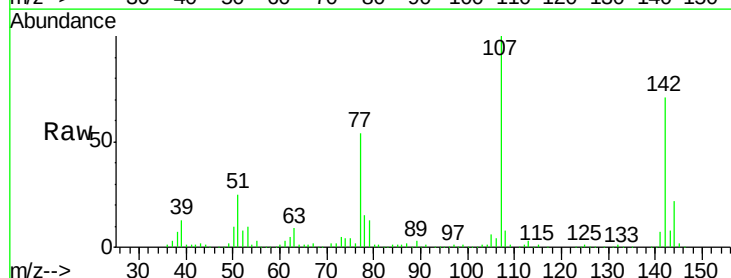
Tgt Ion:107 Resp: 333093

Ion Ratio Lower Upper

107 100

144 22.1 17.5 26.3

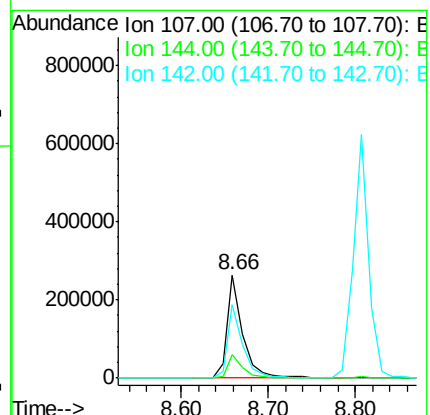
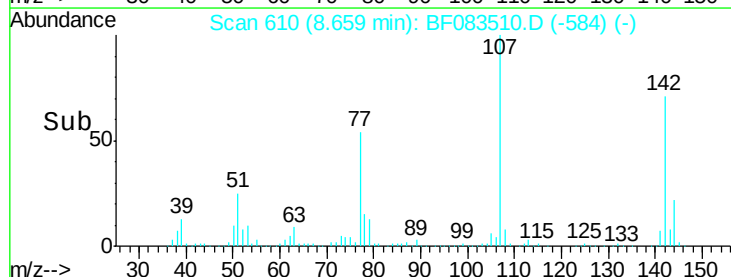
142 70.6 53.6 80.4

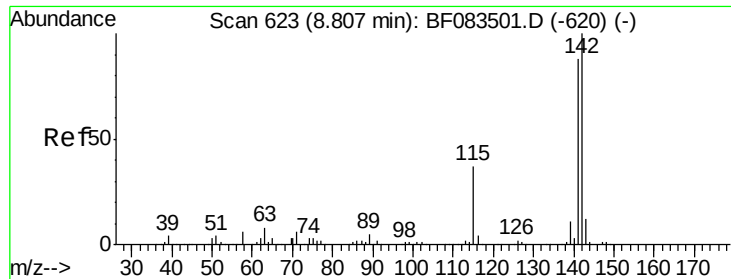


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

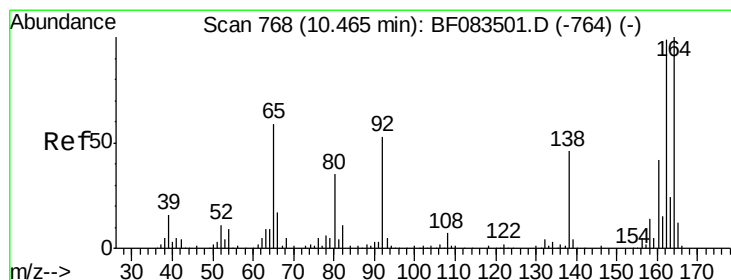
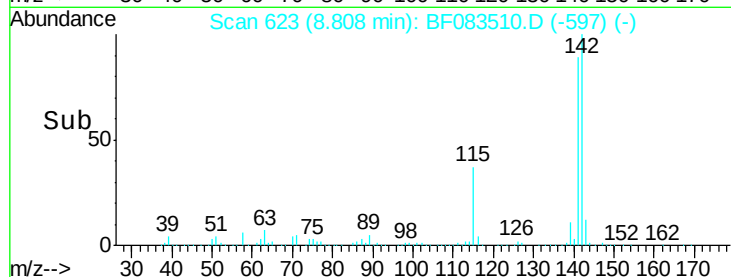
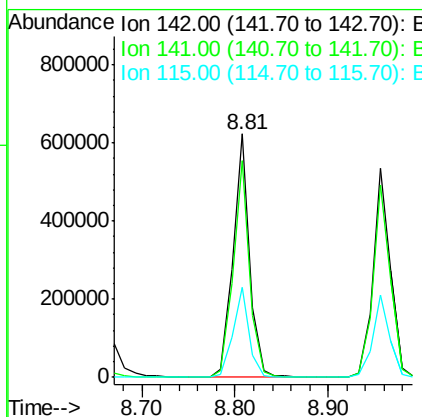
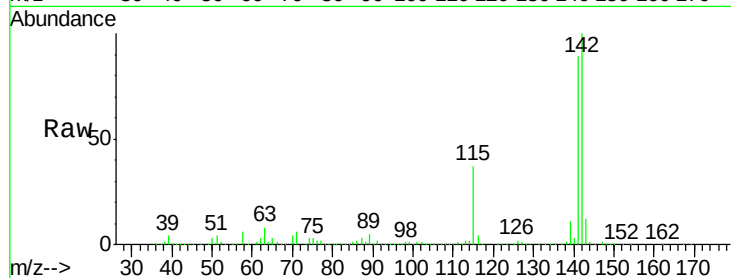




#37
2-Methylnaphthalene
Concen: 46.91 ng
RT: 8.81 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

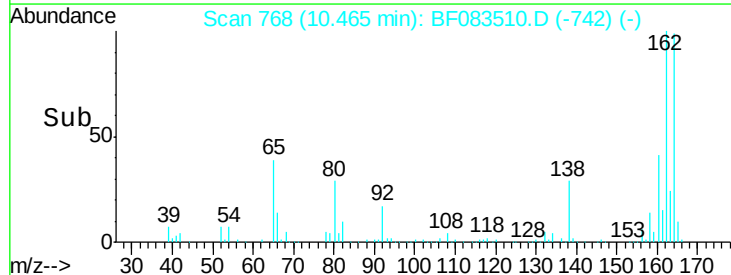
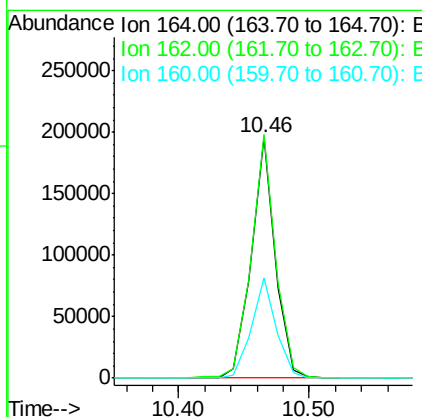
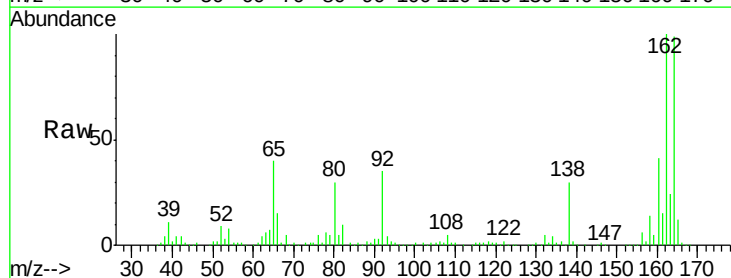
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

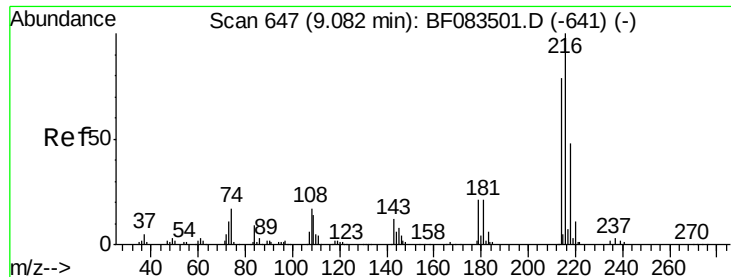
Tot Ion:142 Resp: 771196
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5
115 36.9 29.2 43.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.46 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Tgt Ion:164 Resp: 248933
Ion Ratio Lower Upper
164 100
162 101.2 78.8 118.2
160 41.8 33.4 50.2

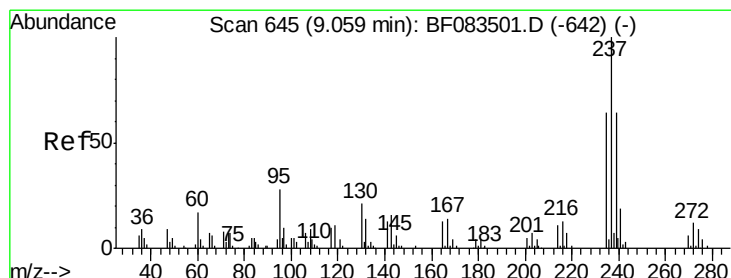
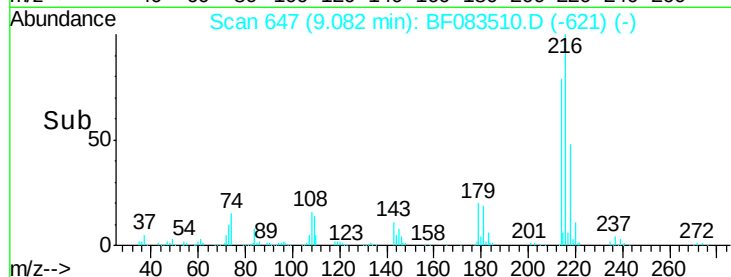
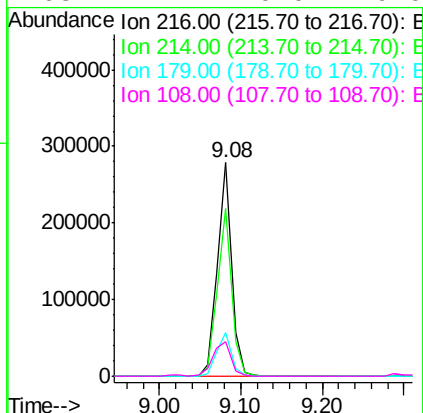
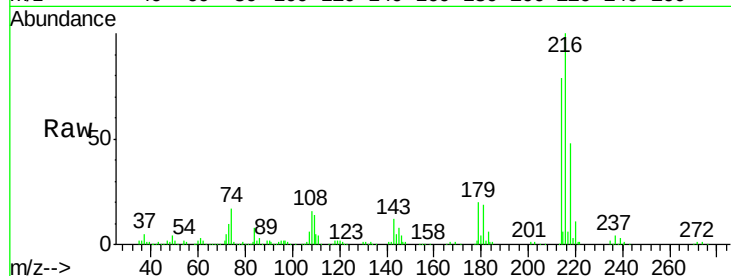




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.47 ng
 RT: 9.08 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

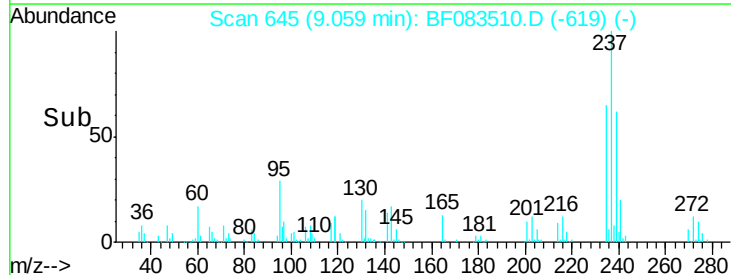
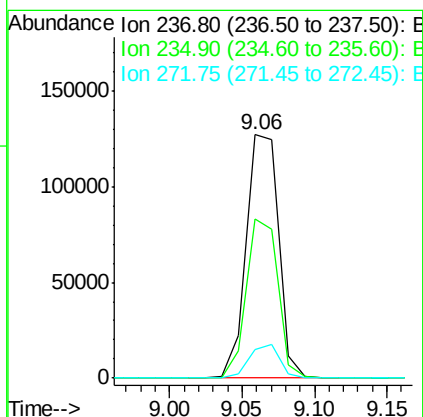
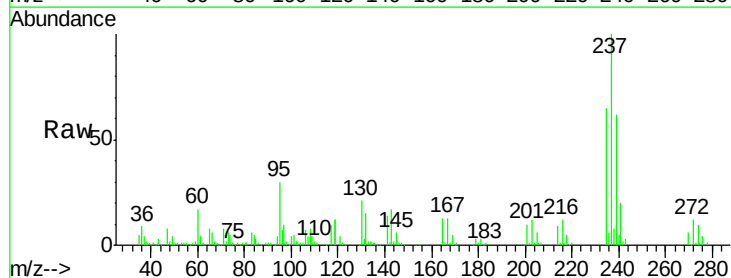
Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MSD

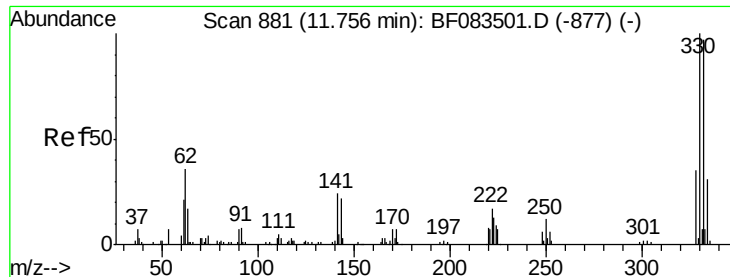
Tot Ion:216	Resp:	339489
Ion Ratio	Lower	Upper
216	100	
214	79.4	0.0 0.0#
179	21.0	0.0 0.0#
108	21.1	0.0 0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 63.96 ng
 RT: 9.06 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Tgt Ion:237	Resp:	197579
Ion Ratio	Lower	Upper
237	100	
235	65.2	43.9 83.9
272	11.5	0.0 31.8

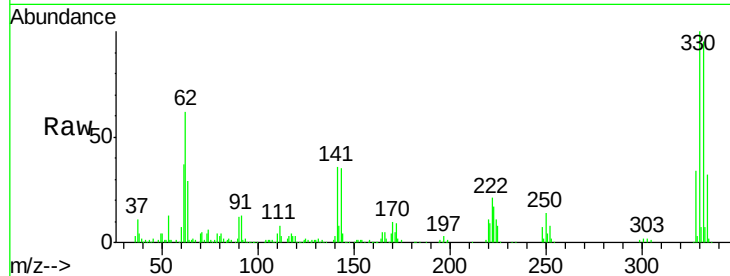




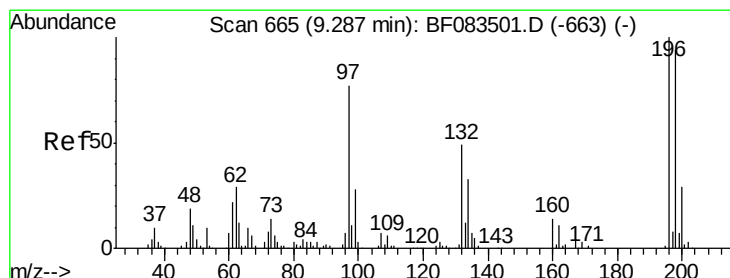
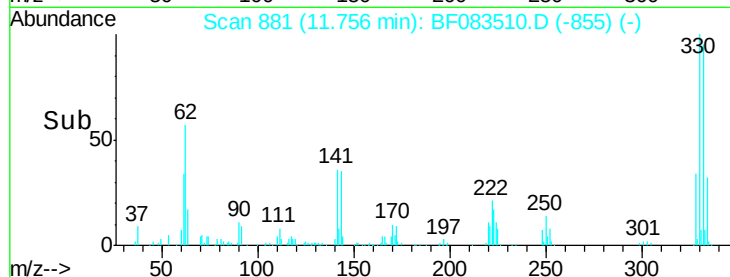
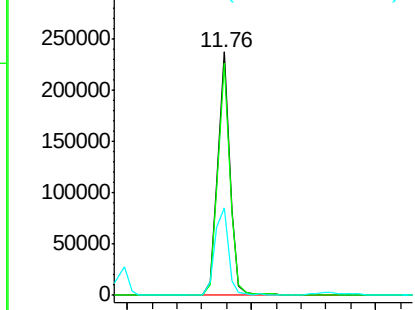
#41
 2,4,6-Tribromophenol
 Concen: 139.56 ng
 RT: 11.76 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	40.0	0.0	0.0#

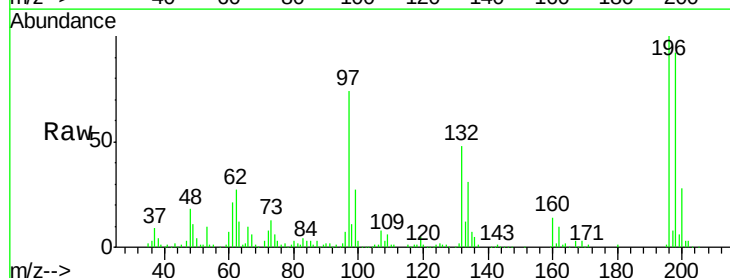


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

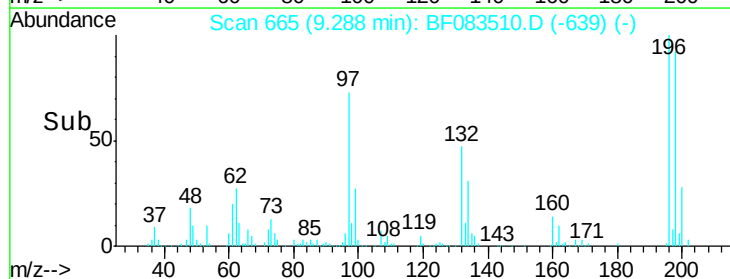
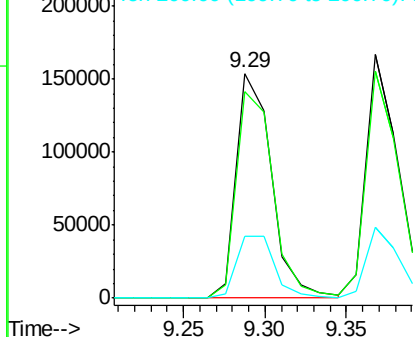


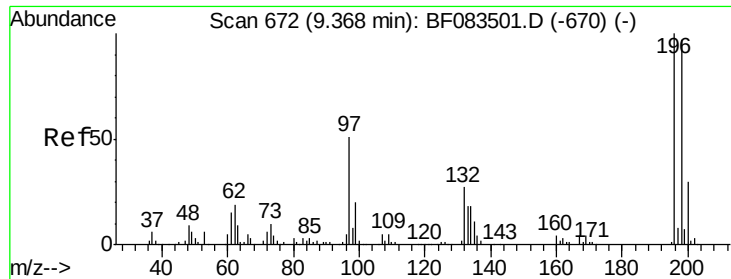
#42
 2,4,6-Trichlorophenol
 Concen: 44.81 ng
 RT: 9.29 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.6	75.2	112.8
200	27.6	23.0	34.6



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

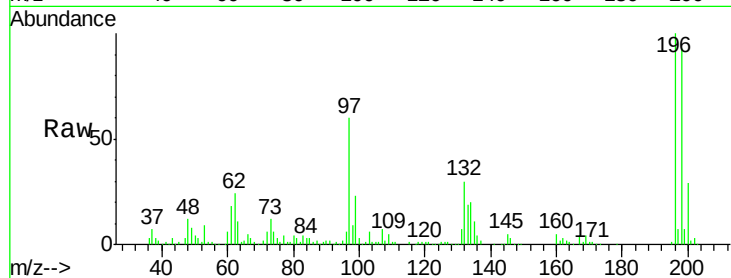




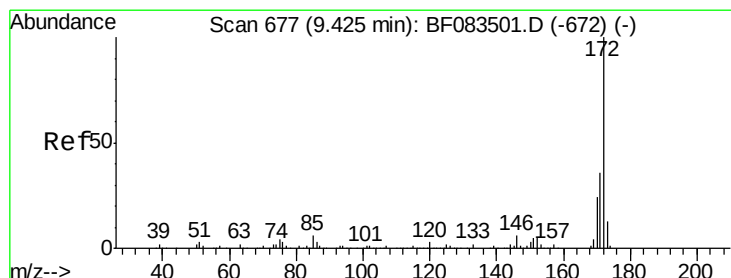
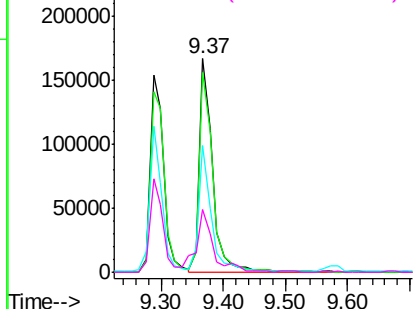
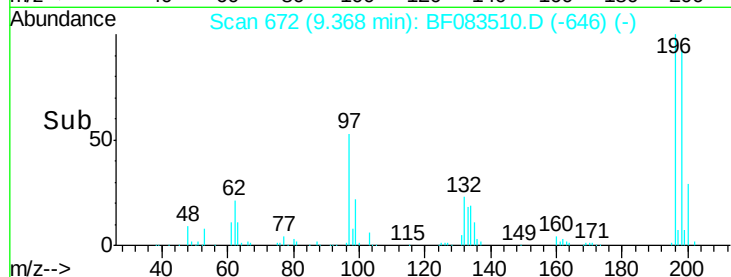
#43
 2,4,5-Trichlorophenol
 Concen: 46.79 ng
 RT: 9.37 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MSD

Tot Ion:196 Resp: 247711
 Ion Ratio Lower Upper
 196 100
 198 93.3 77.7 116.5
 97 59.5 41.2 61.8
 132 29.6 21.8 32.8

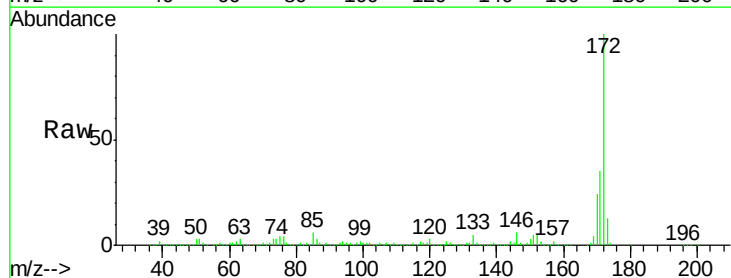


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

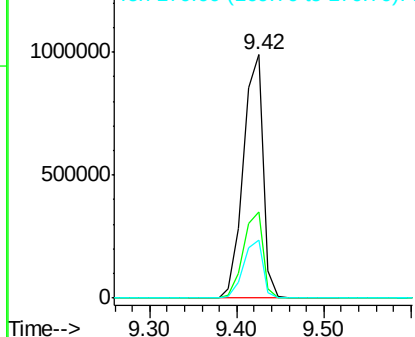
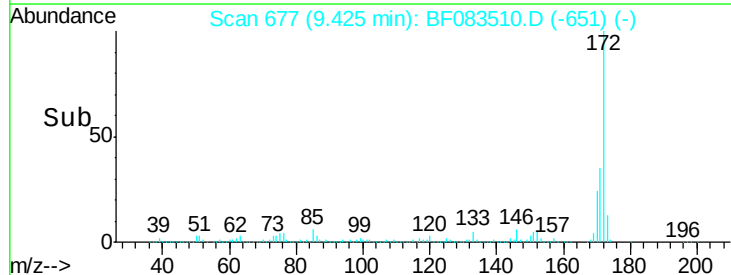


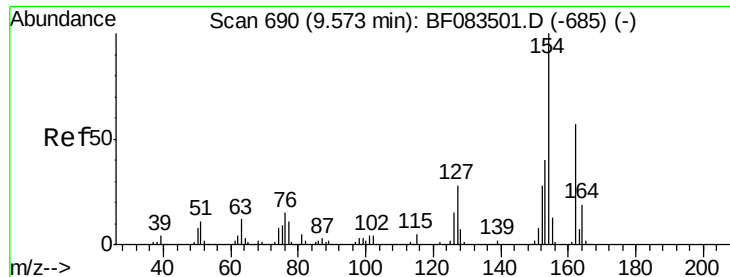
#44
 2-Fluorobiphenyl
 Concen: 85.53 ng
 RT: 9.42 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Tgt Ion:172 Resp: 1569689
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 24.0 19.4 29.0



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: 42.09 ng

RT: 9.57 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MSD

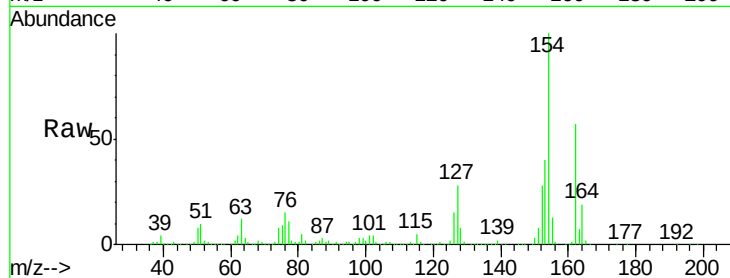
Tot Ion:154 Resp: 931091

Ion Ratio Lower Upper

154 100

153 39.7 20.2 60.2

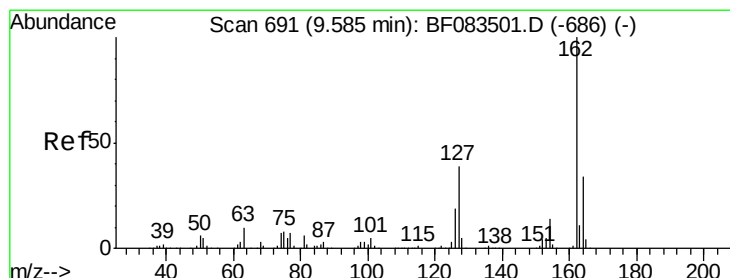
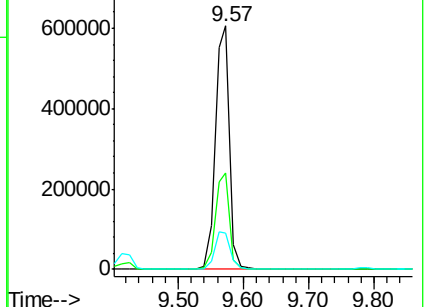
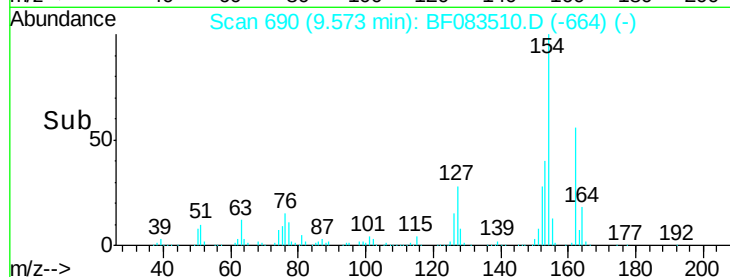
76 15.1 0.0 34.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.18 ng

RT: 9.58 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

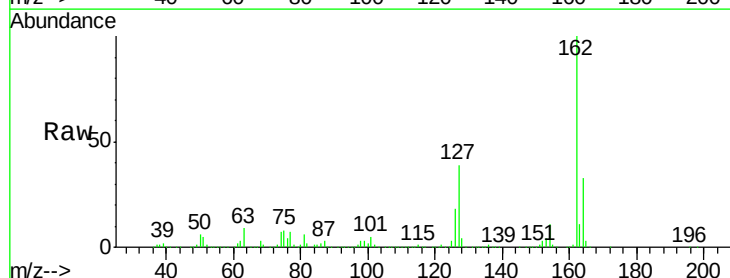
Tgt Ion:162 Resp: 736452

Ion Ratio Lower Upper

162 100

127 38.7 31.0 46.4

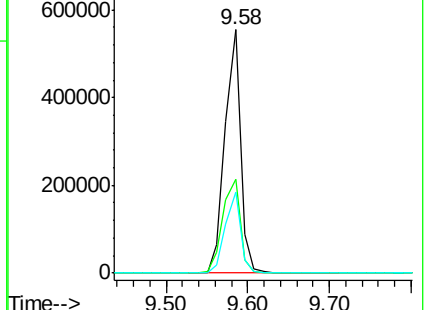
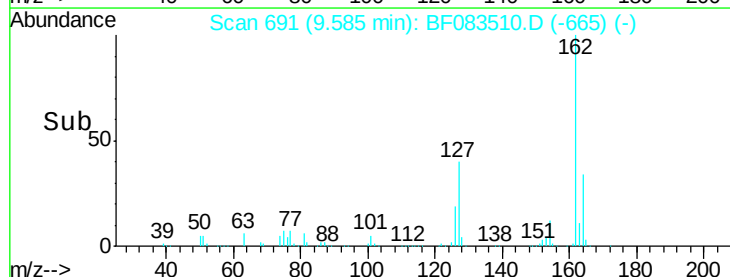
164 33.1 27.4 41.0

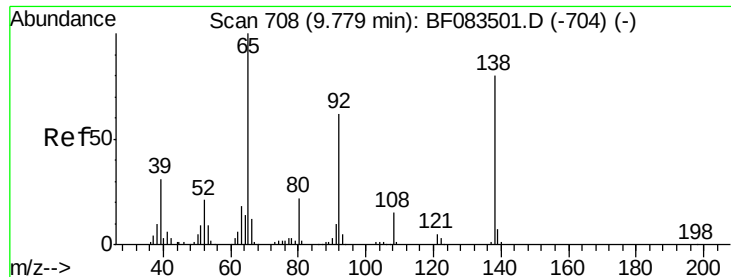


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

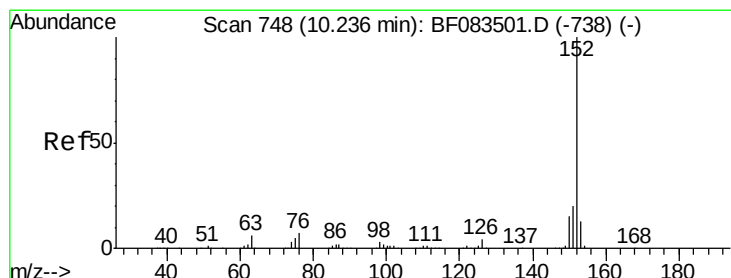
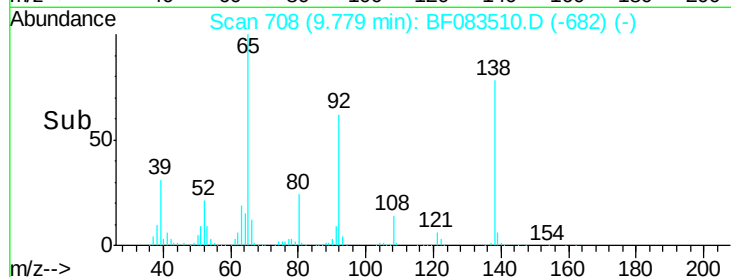
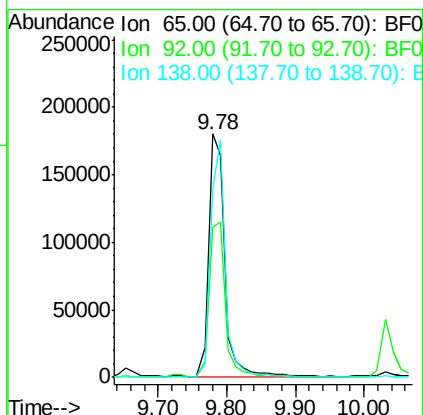
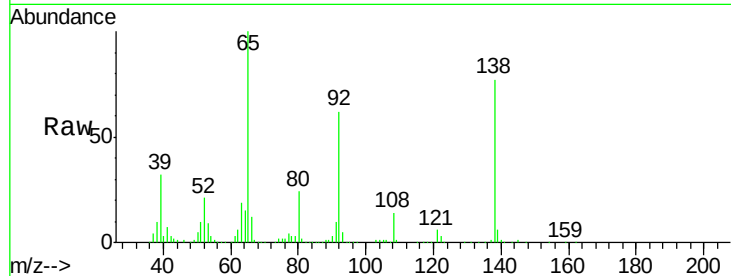




#47
2-Nitroaniline
Concen: 49.12 ng
RT: 9.78 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

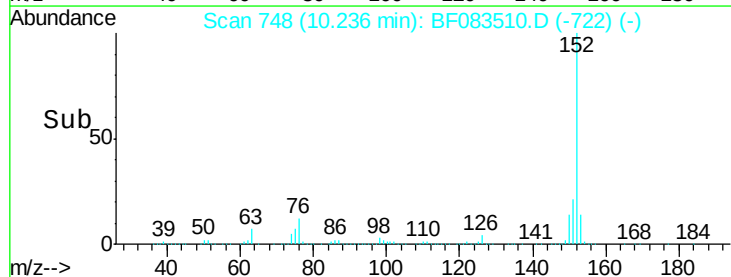
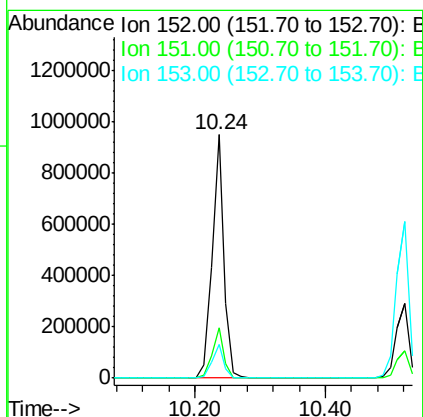
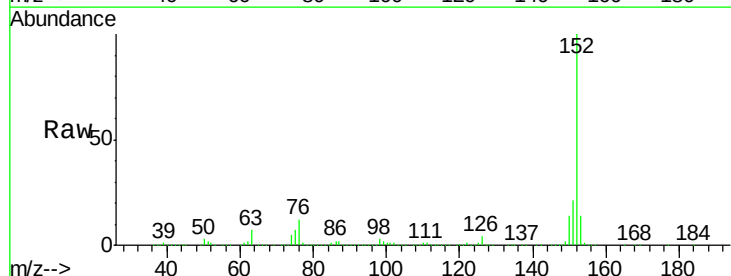
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

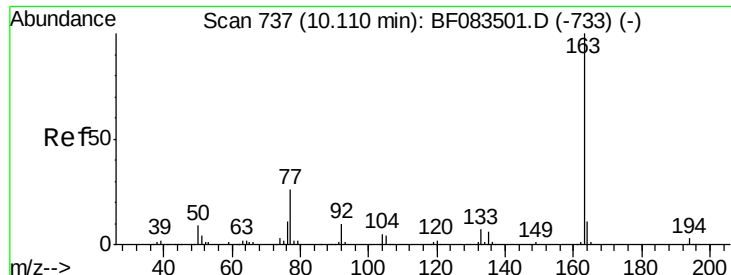
Tot Ion: 65 Resp: 291655
Ion Ratio Lower Upper
65 100
92 61.7 49.6 74.4
138 77.5 64.1 96.1



#48
Acenaphthylene
Concen: 44.22 ng
RT: 10.24 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Tgt Ion: 152 Resp: 1206957
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.7 10.8 16.2

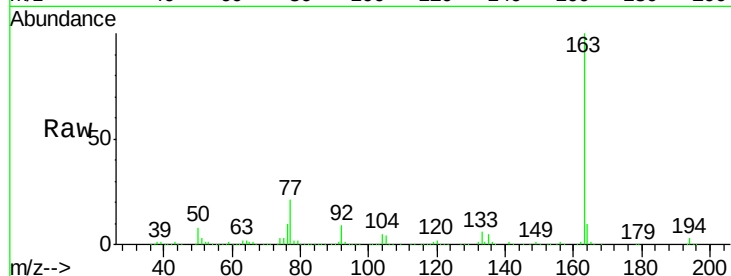




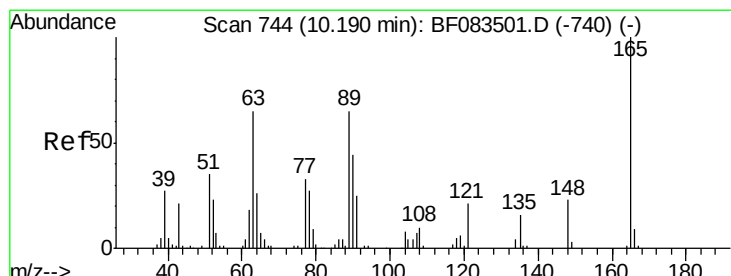
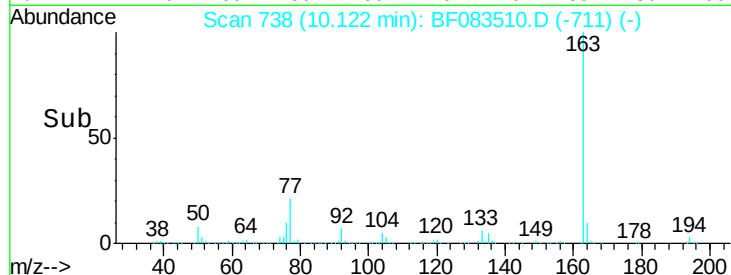
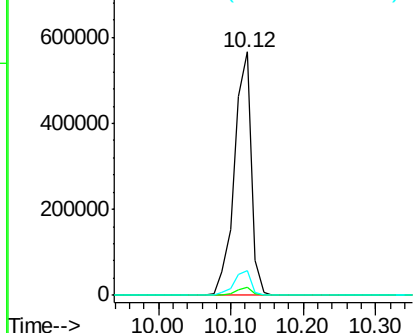
#49
Dimethylphthalate
Concen: 46.76 ng
RT: 10.12 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

Tot Ion:163 Resp: 916146
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.0 8.6 13.0

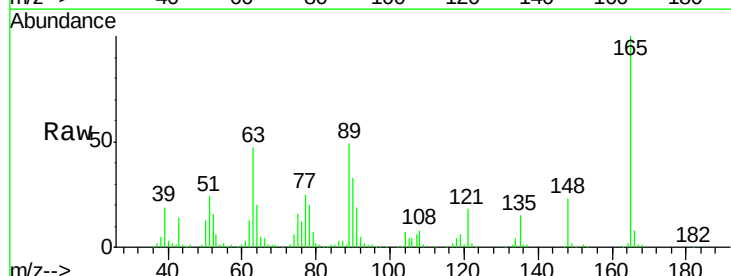


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

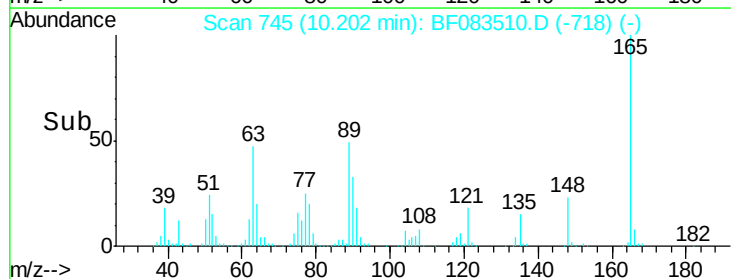
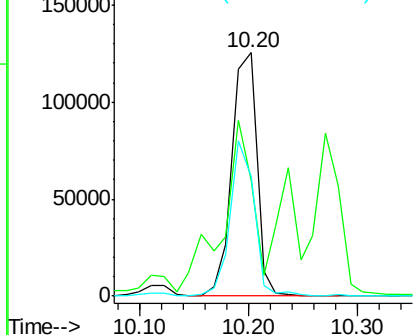


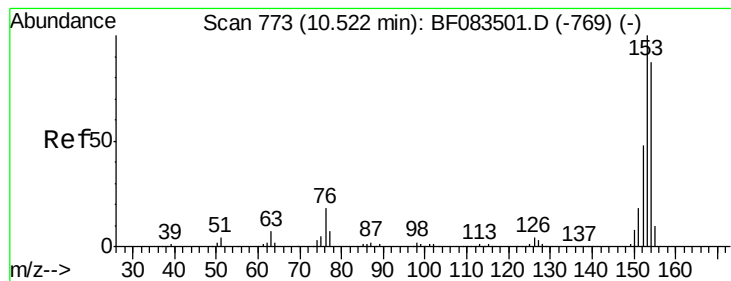
#50
2,6-Dinitrotoluene
Concen: 48.20 ng
RT: 10.20 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Tgt Ion:165 Resp: 198865
Ion Ratio Lower Upper
165 100
63 47.3 56.9 85.3#
89 48.8 52.1 78.1#



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: 46.72 ng

RT: 10.52 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MSD

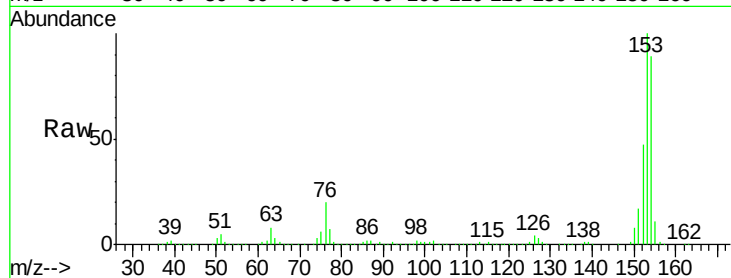
Tot Ion:154 Resp: 733831

Ion Ratio Lower Upper

154 100

153 112.5 91.4 137.0

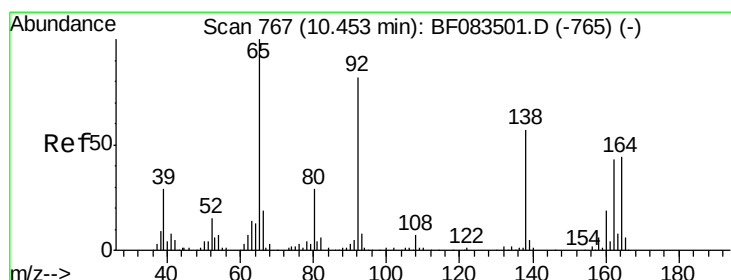
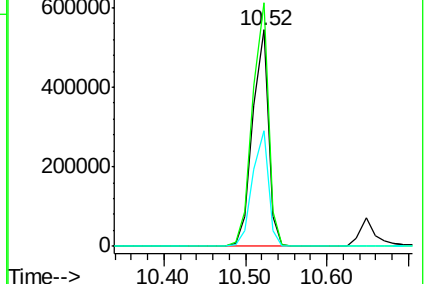
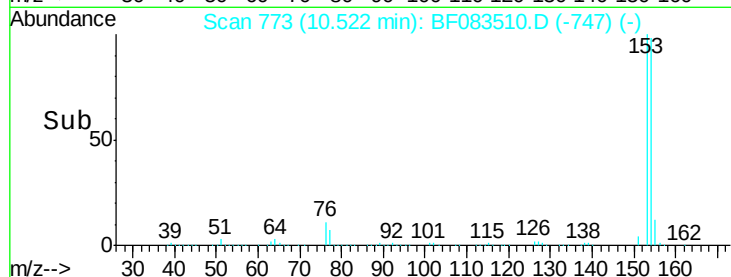
152 53.3 43.4 65.2



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: 27.75 ng

RT: 10.45 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

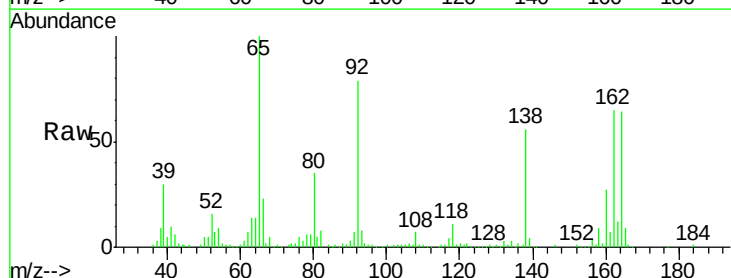
Tgt Ion:138 Resp: 123436

Ion Ratio Lower Upper

138 100

108 13.1 9.9 14.9

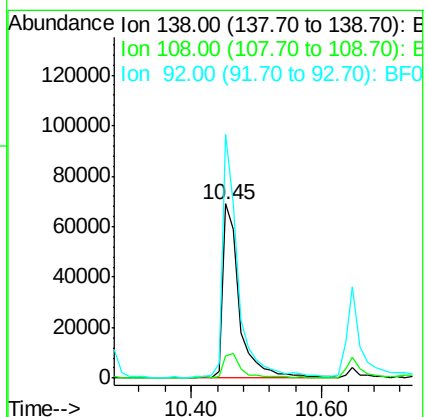
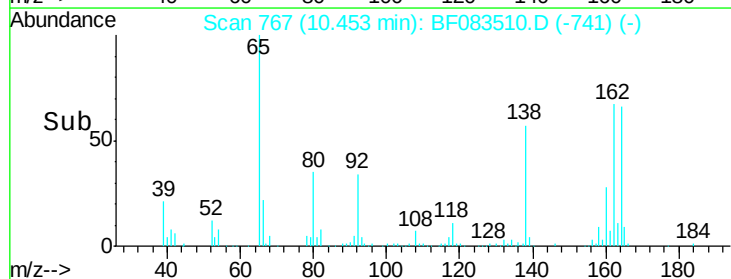
92 140.0 113.8 170.8

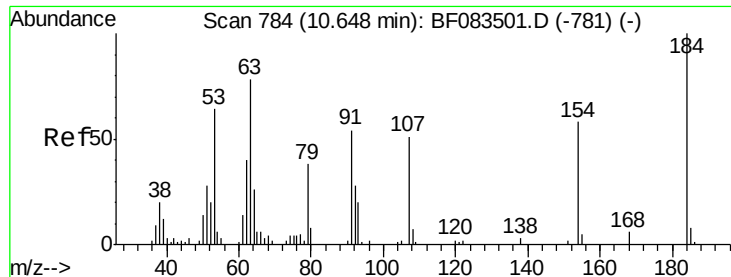


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

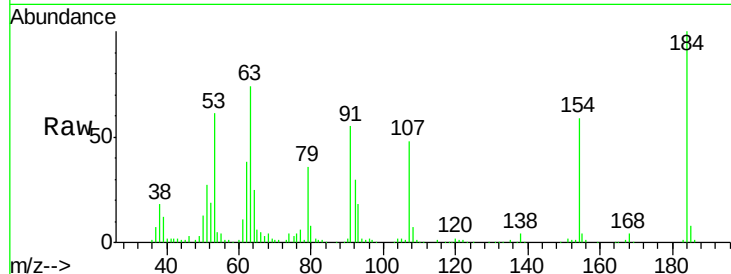




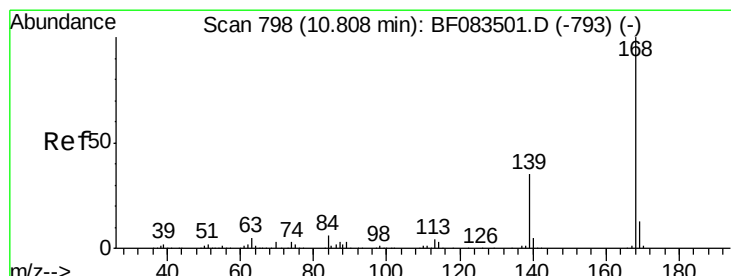
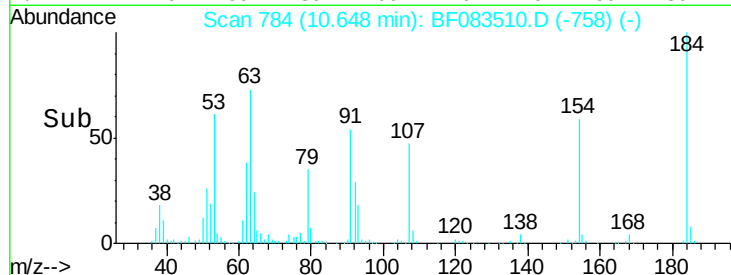
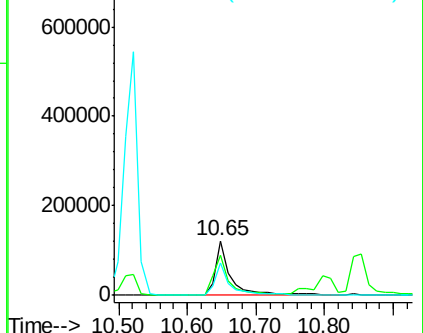
#53
 2,4-Dinitrophenol
 Concen: 90.43 ng
 RT: 10.65 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MSD

Tot Ion:184 Resp: 194475
 Ion Ratio Lower Upper
 184 100
 63 73.8 62.4 93.6
 154 58.9 46.6 69.8

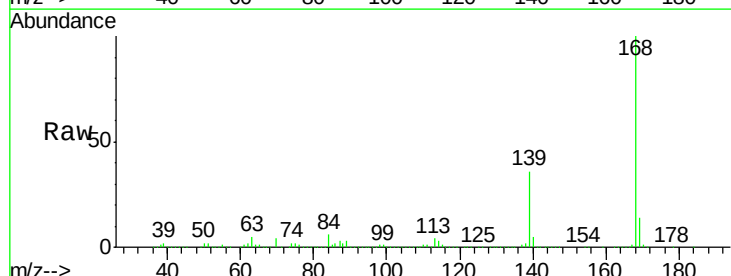


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

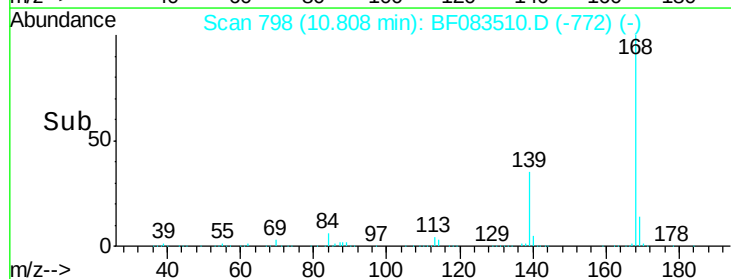
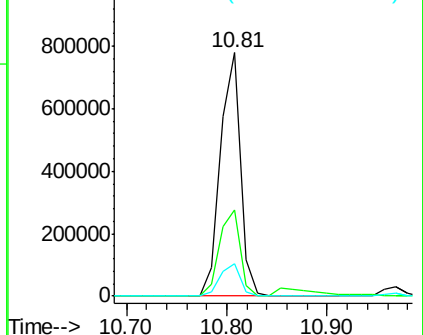


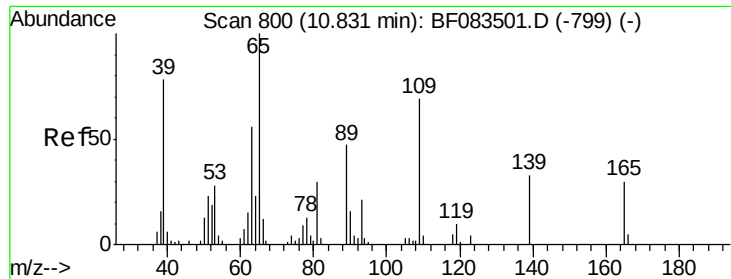
#54
 Dibenzofuran
 Concen: 49.73 ng
 RT: 10.81 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Tgt Ion:168 Resp: 1082079
 Ion Ratio Lower Upper
 168 100
 139 35.6 28.0 42.0
 169 13.5 10.8 16.2



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: 157.95 ng

RT: 10.81 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MSD

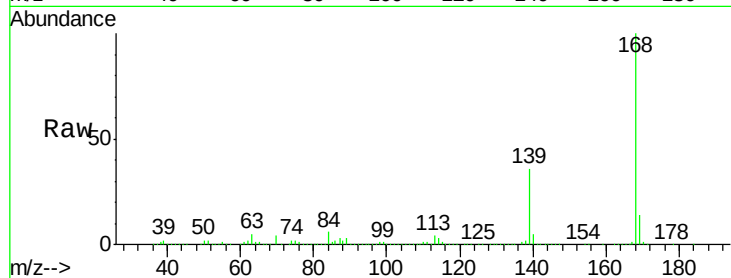
Tot Ion:139 Resp: 395692

Ion Ratio Lower Upper

139 100

109 0.8 42.0 82.0#

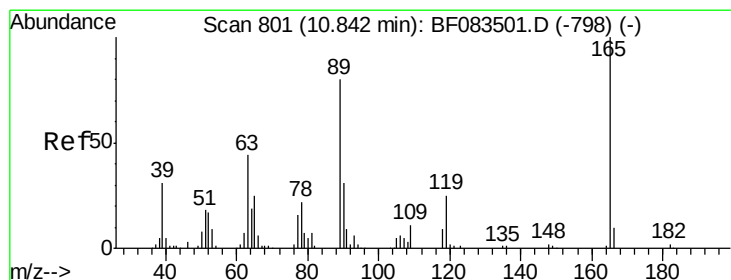
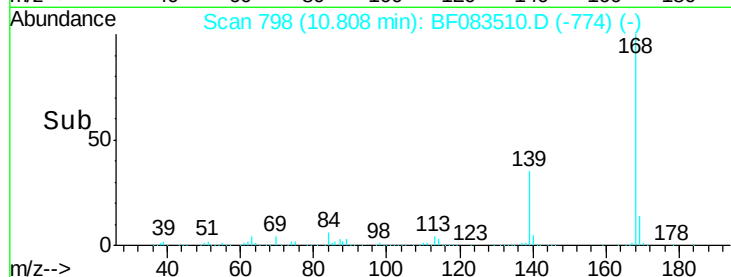
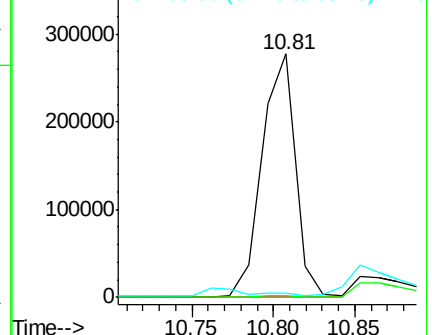
65 1.8 89.2 129.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.32 ng

RT: 10.85 min Scan# 802

Delta R.T. 0.01 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Tgt Ion:165 Resp: 271118

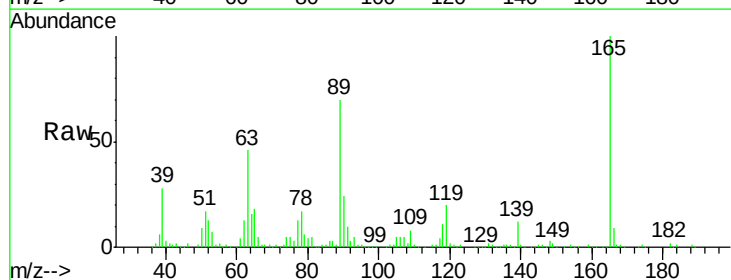
Ion Ratio Lower Upper

165 100

63 45.5 51.4 77.2#

89 69.8 72.6 108.8#

182 2.1 1.4 2.0#

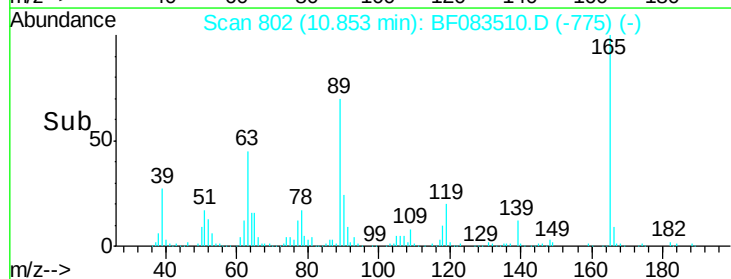
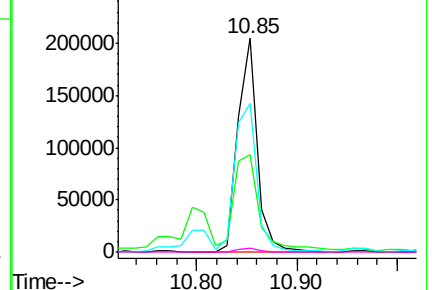


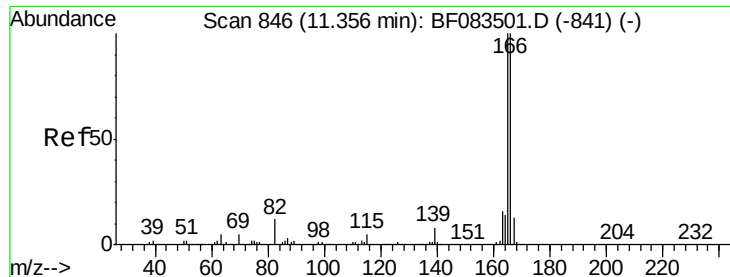
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

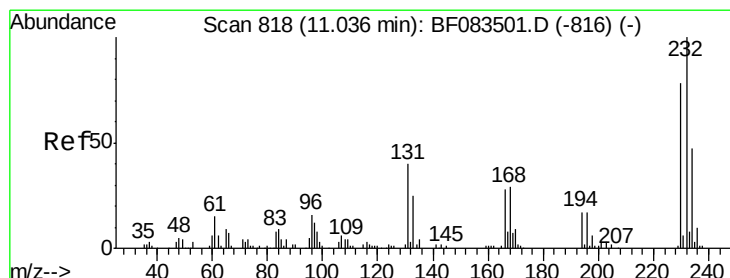
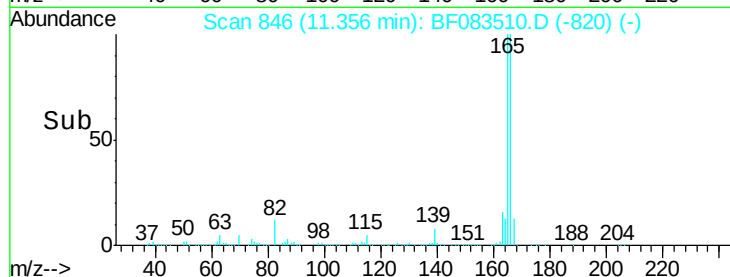
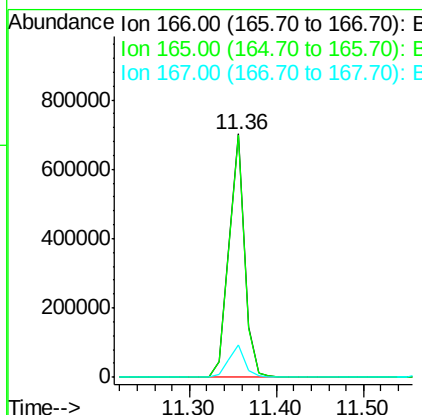
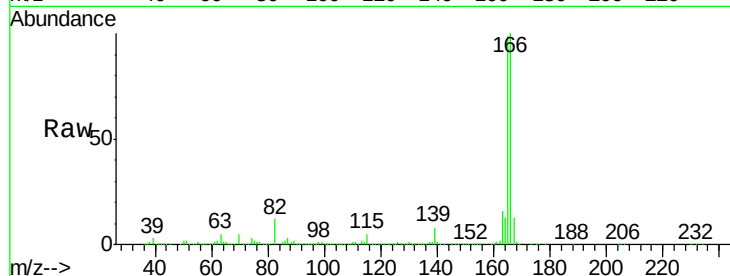




#57
 Fluorene
 Concen: 45.91 ng
 RT: 11.36 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

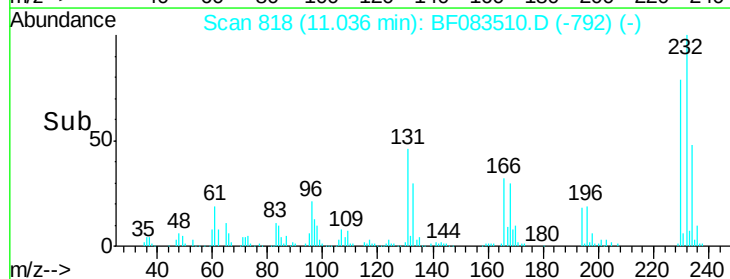
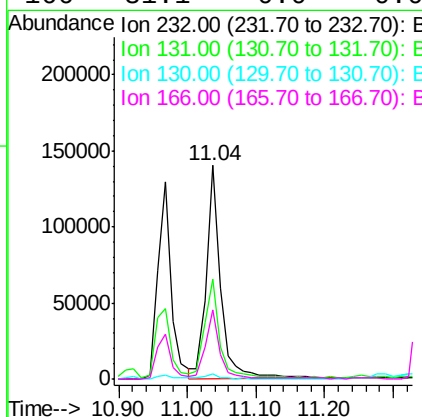
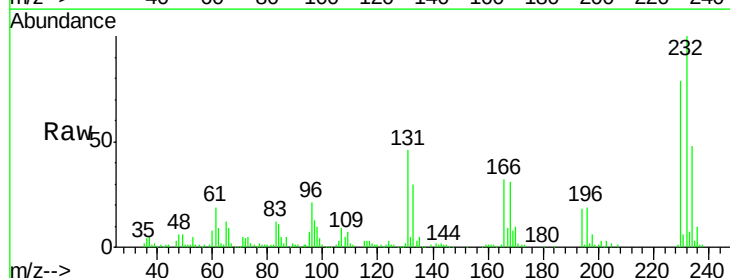
Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MSD

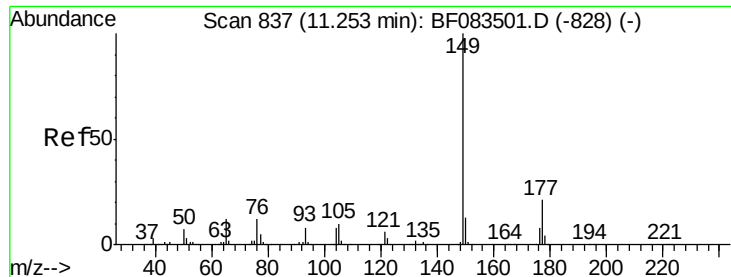
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.0	120.0
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.74 ng
 RT: 11.04 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.2	0.0	0.0#
130	2.5	0.0	0.0#
166	31.1	0.0	0.0#

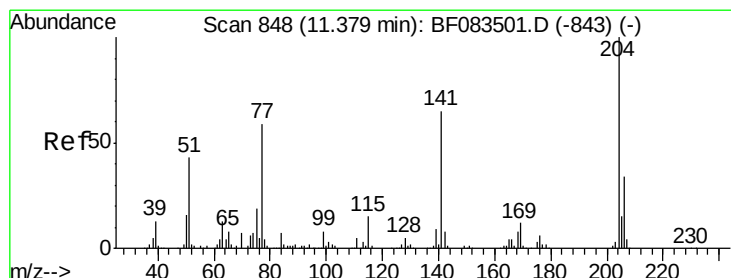
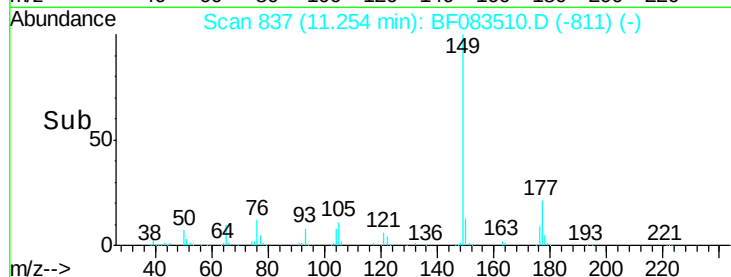
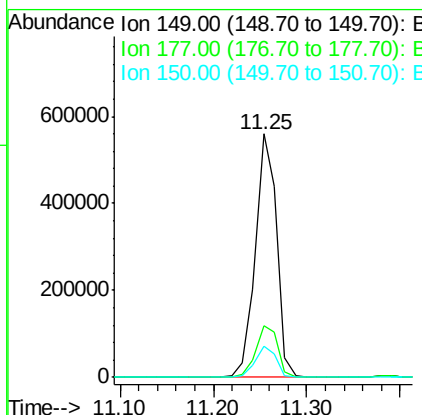
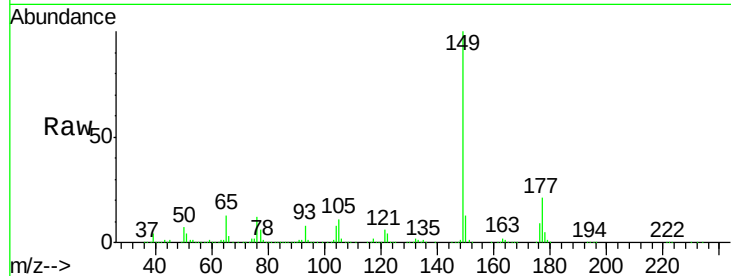




#59
Diethylphthalate
Concen: 46.93 ng
RT: 11.25 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

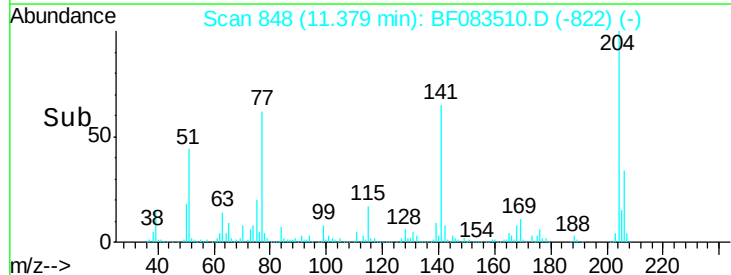
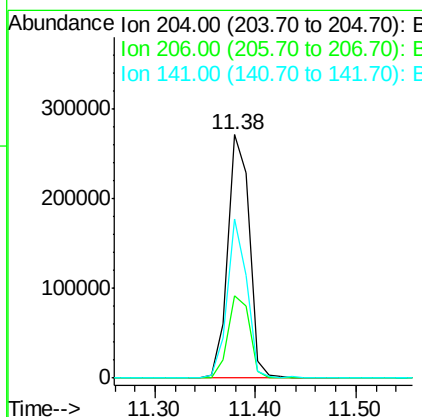
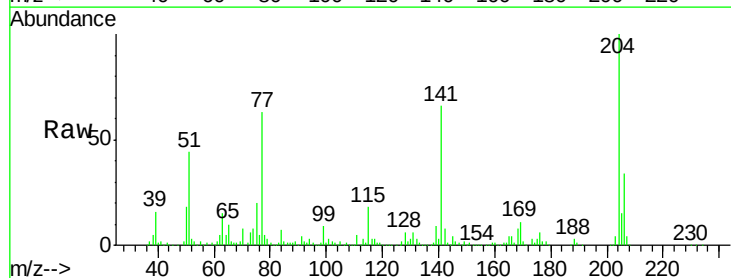
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

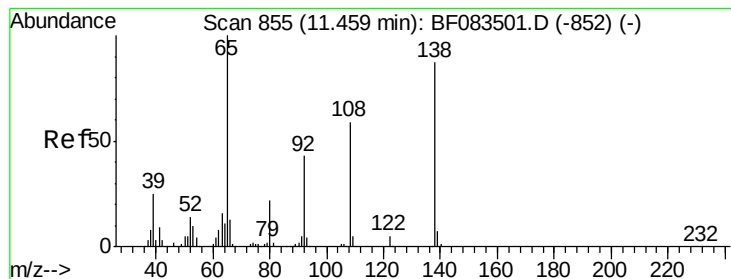
Tot Ion:149 Resp: 884865
Ion Ratio Lower Upper
149 100
177 21.3 16.9 25.3
150 12.9 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 44.47 ng
RT: 11.38 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Tgt Ion:204 Resp: 403478
Ion Ratio Lower Upper
204 100
206 33.6 27.3 40.9
141 65.6 51.9 77.9

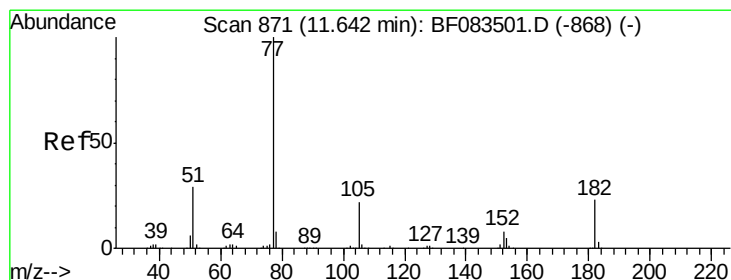
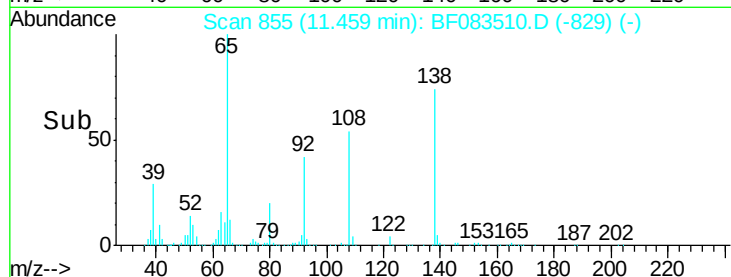
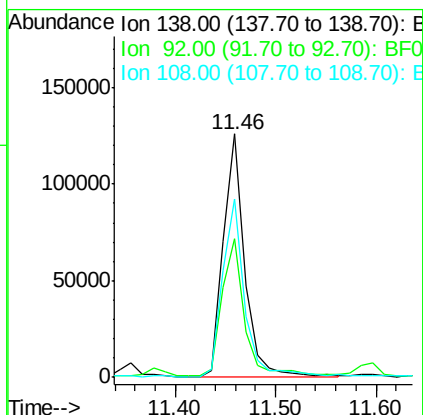
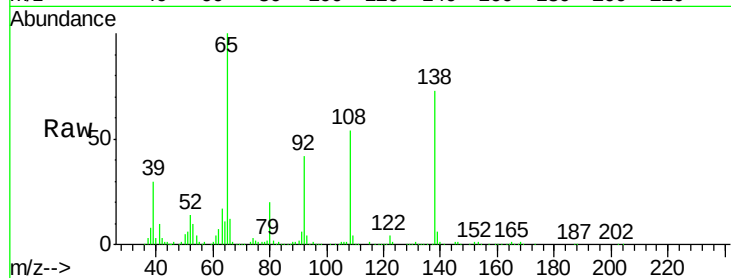




#61
4-Nitroaniline
Concen: 46.73 ng
RT: 11.46 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

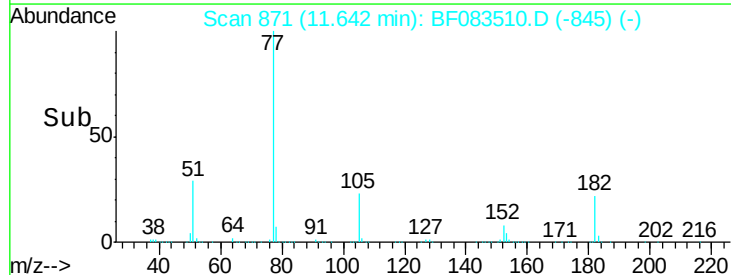
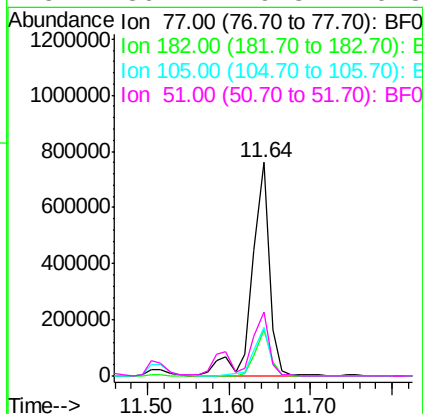
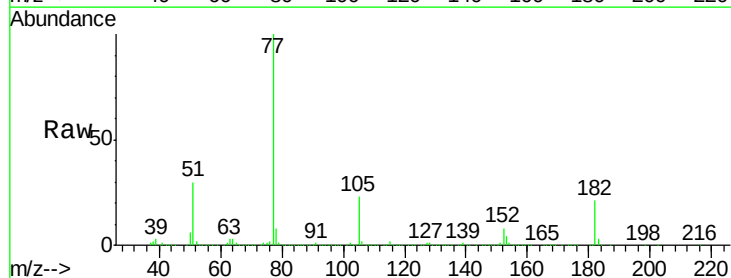
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

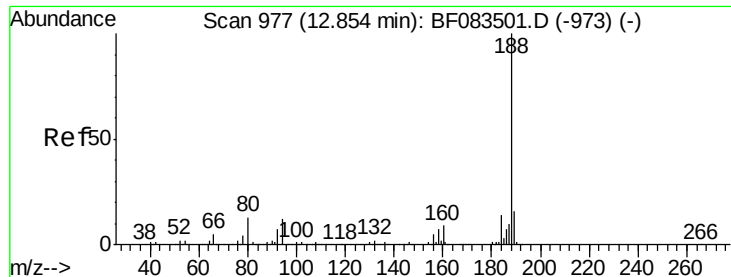
Tot Ion:138 Resp: 188334
Ion Ratio Lower Upper
138 100
92 57.1 29.0 69.0
108 73.4 47.4 87.4



#62
Azobenzene
Concen: 55.03 ng
RT: 11.64 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Tgt Ion: 77 Resp: 1107043
Ion Ratio Lower Upper
77 100
182 21.4 2.5 42.5
105 22.7 2.1 42.1
51 30.2 9.3 49.3

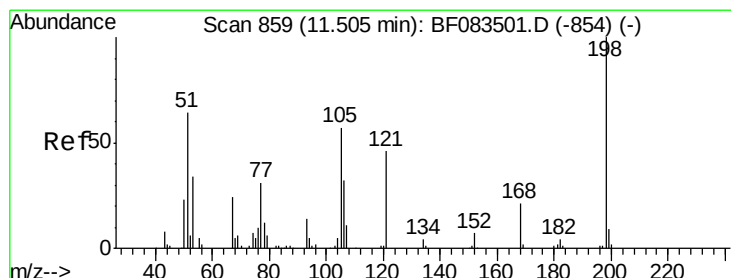
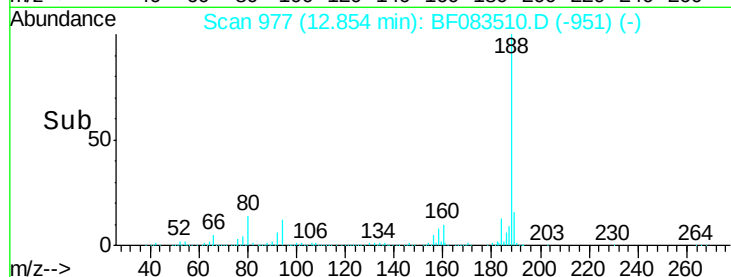
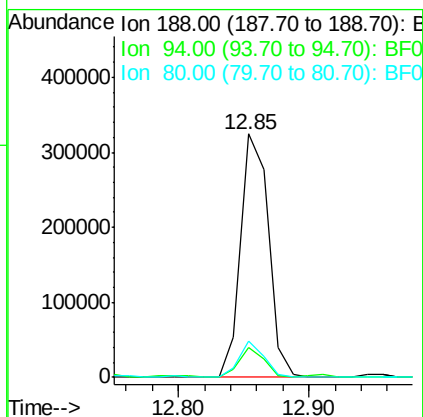
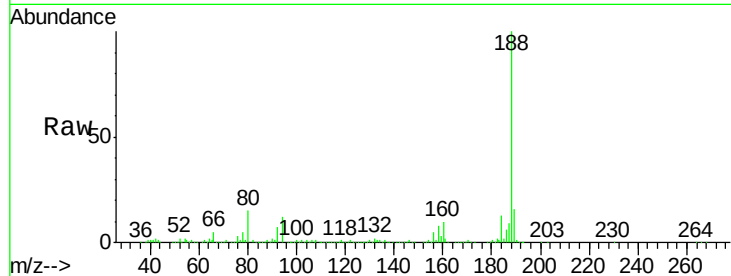




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

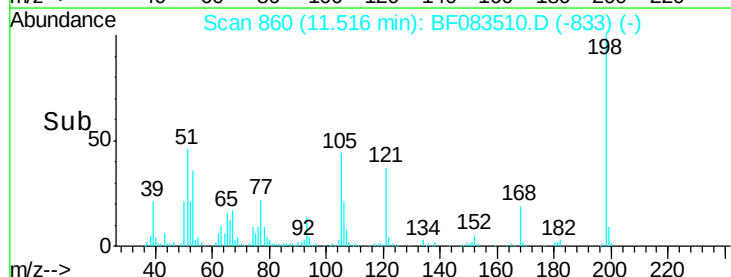
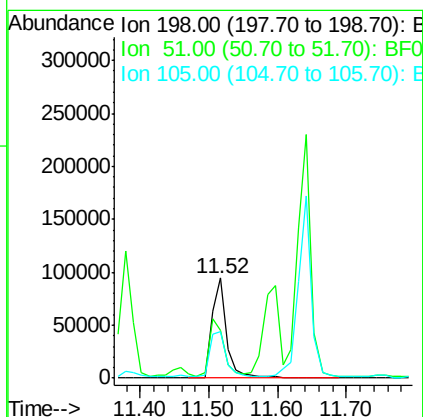
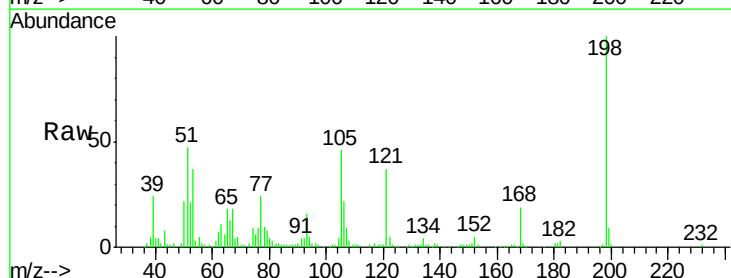
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

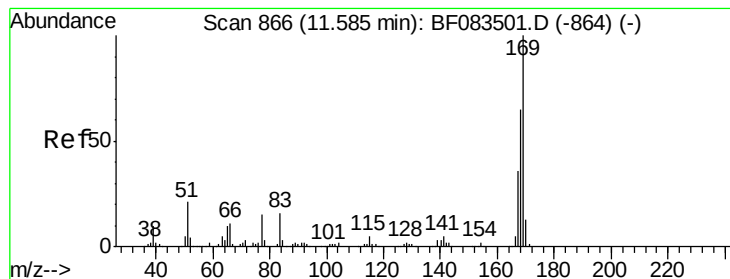
Tot Ion:188 Resp: 482237
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 14.7 10.6 16.0



#64
4,6-Dinitro-2-methylphenol
Concen: 44.26 ng
RT: 11.52 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Tgt Ion:198 Resp: 143058
Ion Ratio Lower Upper
198 100
51 47.3 53.8 93.8#
105 45.8 38.6 78.6





#65

n-Nitrosodiphenylamine

Concen: 46.12 ng

RT: 11.60 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MSD

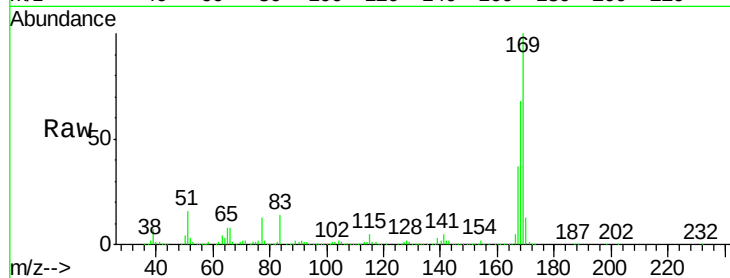
Tot Ion:169 Resp: 736367

Ion Ratio Lower Upper

169 100

168 68.1 53.0 79.6

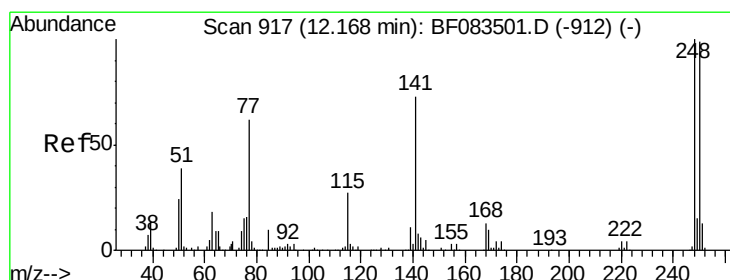
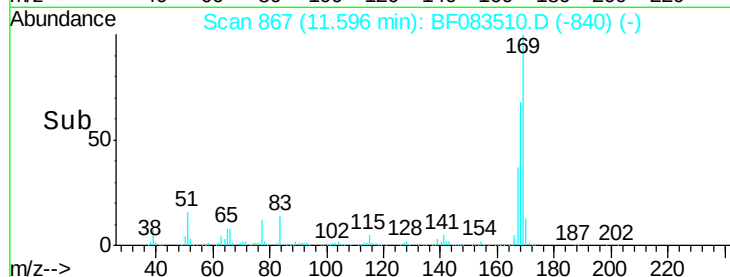
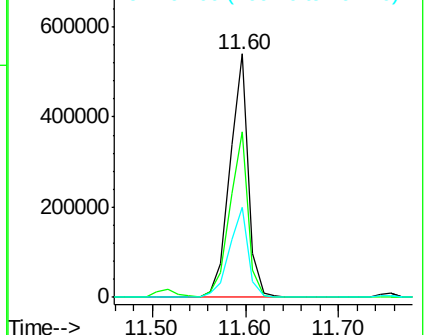
167 37.0 29.3 43.9



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: 44.27 ng

RT: 12.17 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

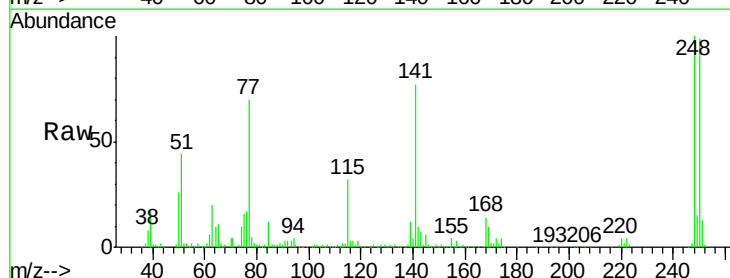
Tgt Ion:248 Resp: 233287

Ion Ratio Lower Upper

248 100

250 99.1 79.2 118.8

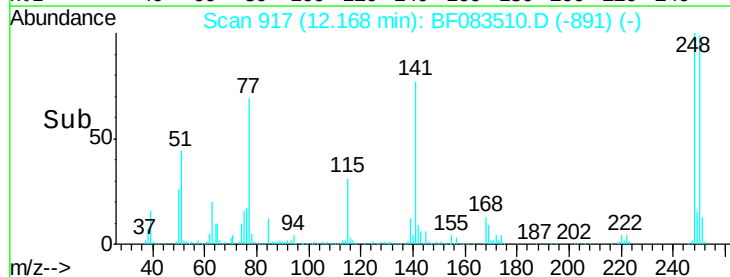
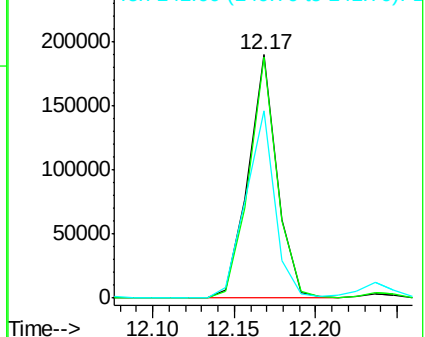
141 77.1 58.2 87.4

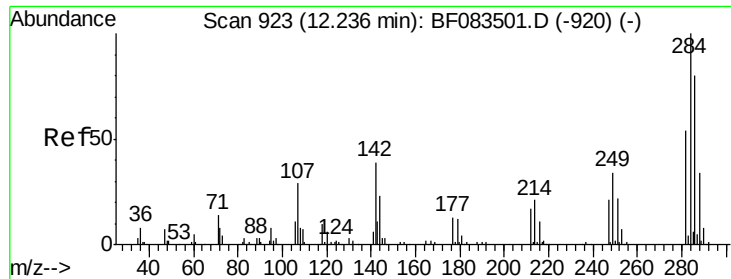


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

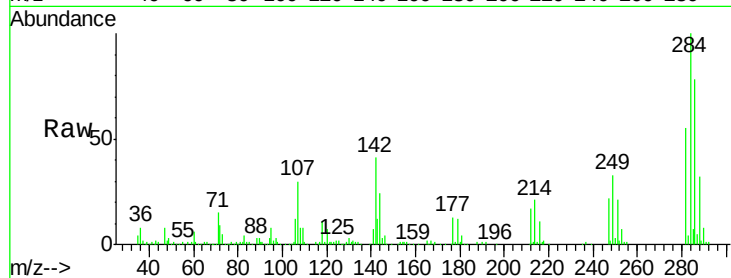




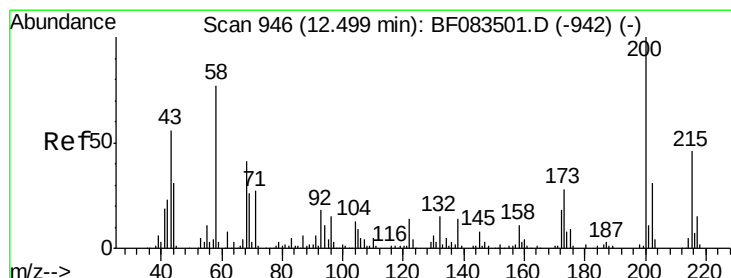
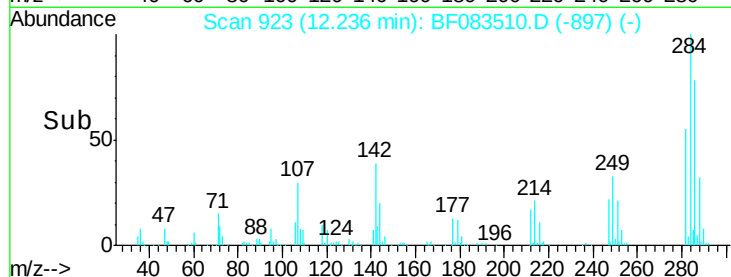
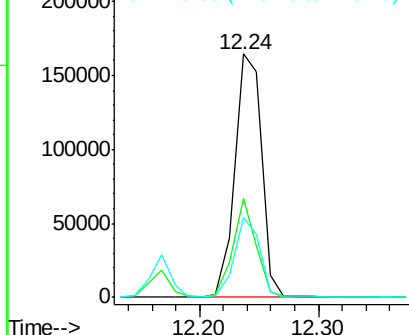
#67
Hexachlorobenzene
Concen: 45.67 ng
RT: 12.24 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

Tot Ion:284 Resp: 257255
Ion Ratio Lower Upper
284 100
142 40.5 31.0 46.4
249 32.7 26.9 40.3

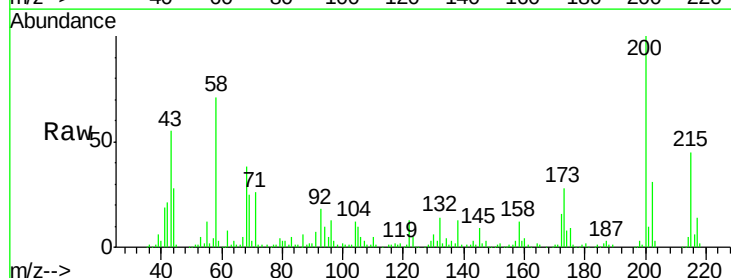


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

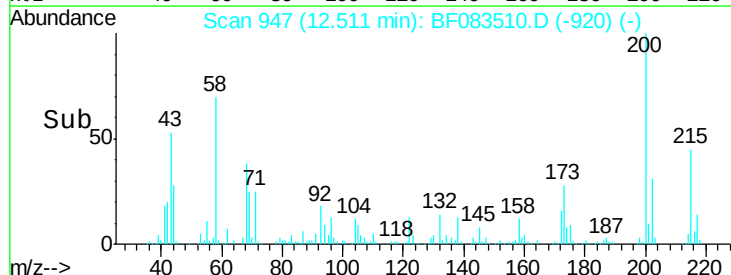
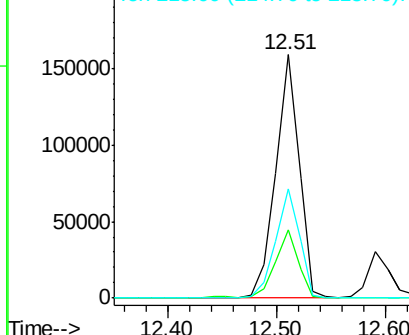


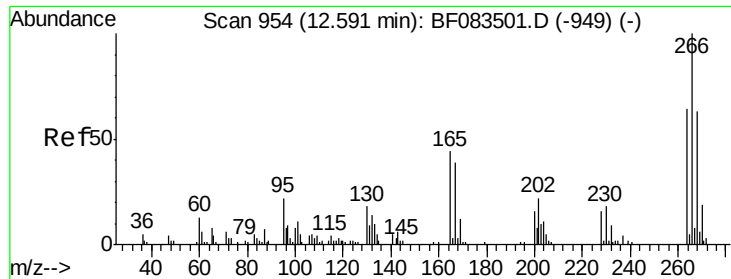
#68
Atrazine
Concen: 49.56 ng
RT: 12.51 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Tgt Ion:200 Resp: 239257
Ion Ratio Lower Upper
200 100
173 28.0 7.8 47.8
215 45.0 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

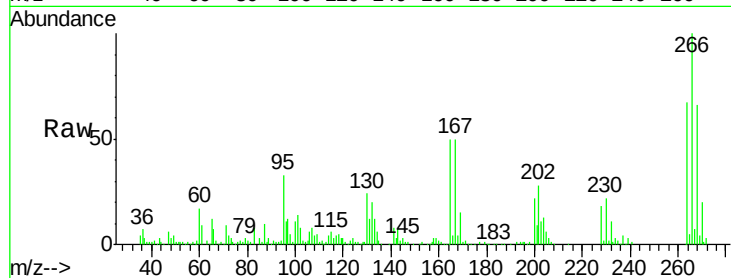




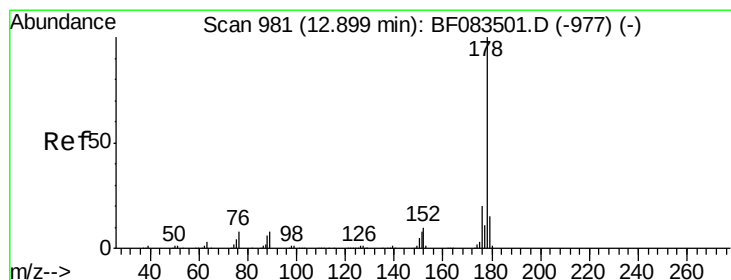
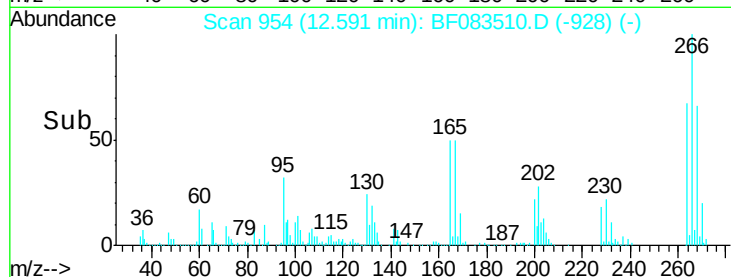
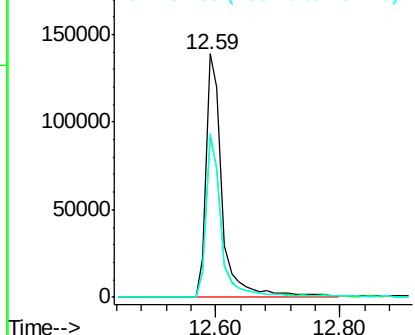
#69
 Pentachlorophenol
 Concen: 97.68 ng
 RT: 12.59 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MSD

Tot Ion:266 Resp: 252777
 Ion Ratio Lower Upper
 266 100
 268 65.8 50.2 75.2
 264 67.2 51.4 77.2

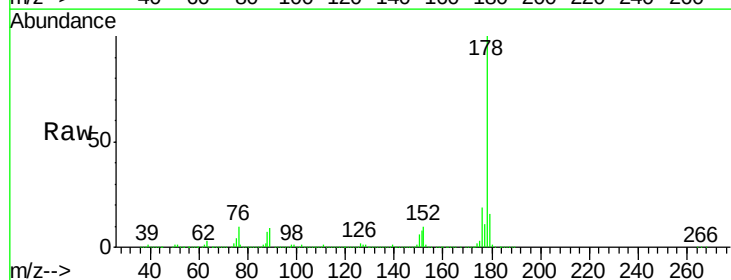


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

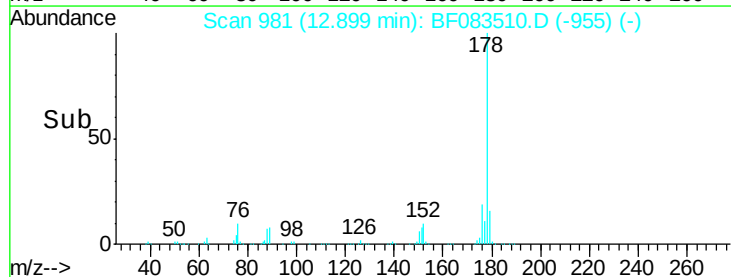
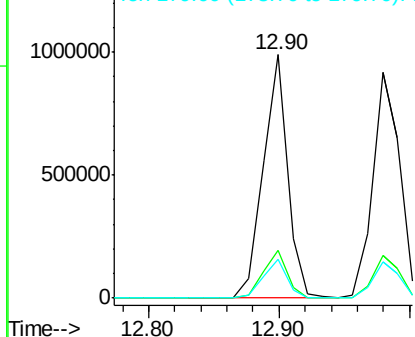


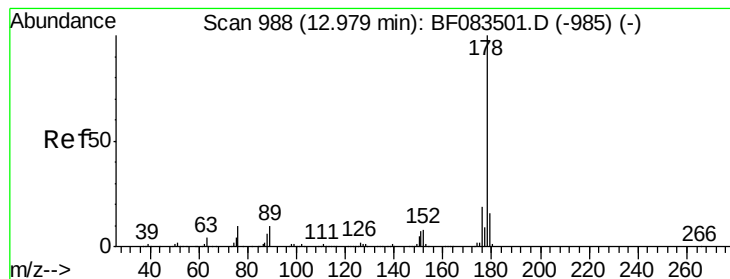
#70
 Phenanthrene
 Concen: 46.46 ng
 RT: 12.90 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Tgt Ion:178 Resp: 1304131
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.7 23.5
 179 16.1 12.2 18.4



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: 46.82 ng

RT: 12.98 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MSD

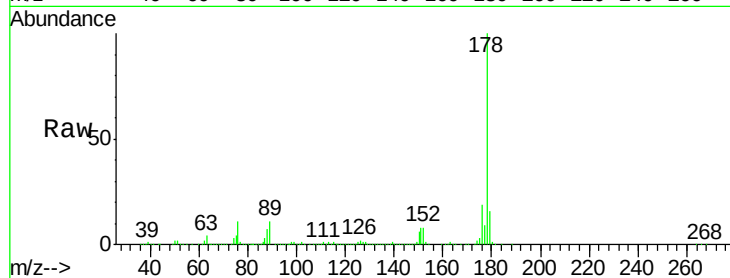
Tot Ion:178 Resp: 1340294

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

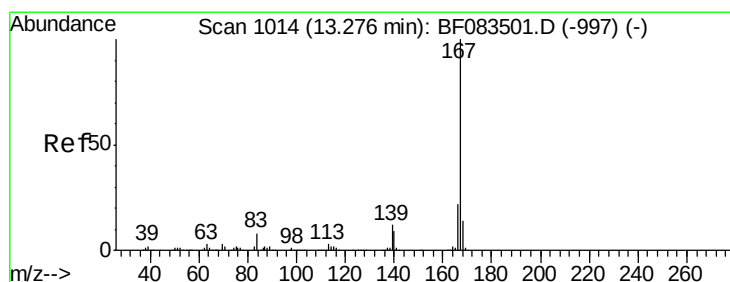
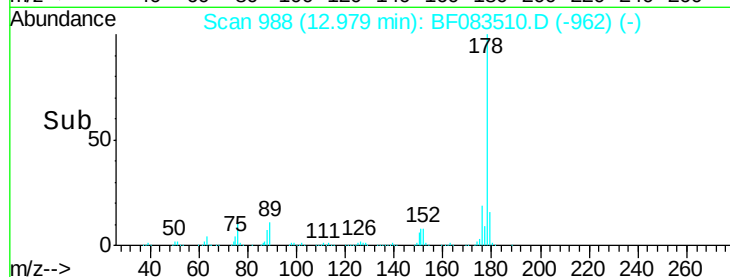
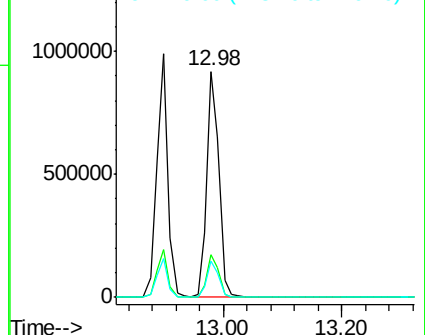
179 15.9 12.6 18.8



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: 49.70 ng

RT: 13.28 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

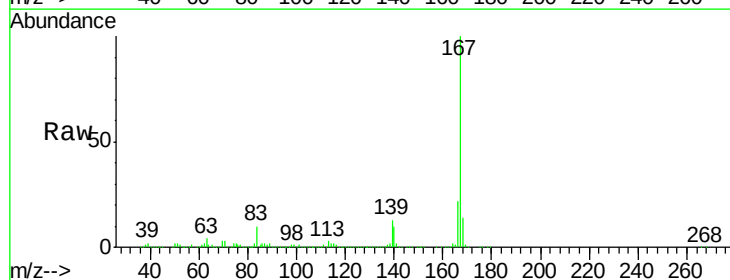
Tgt Ion:167 Resp: 1221693

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

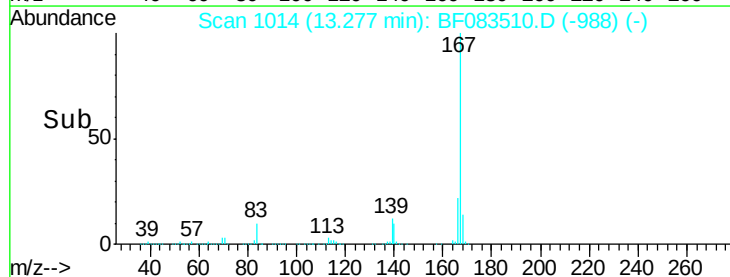
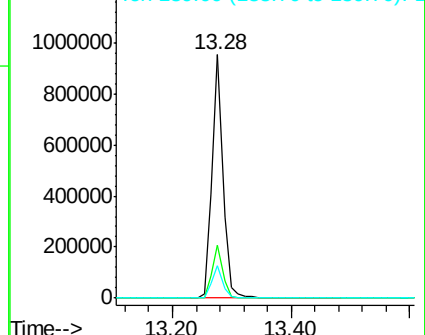
139 13.3 9.3 13.9

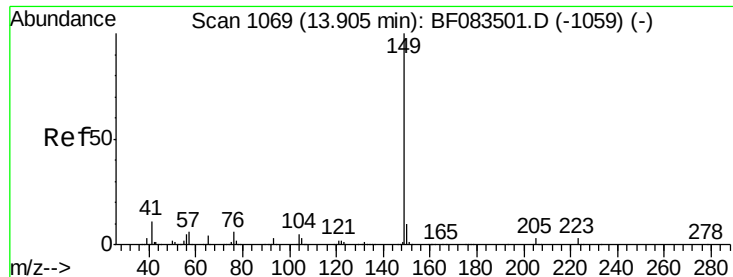


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.13 ng

RT: 13.92 min Scan# 1070

Delta R.T. 0.01 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MSD

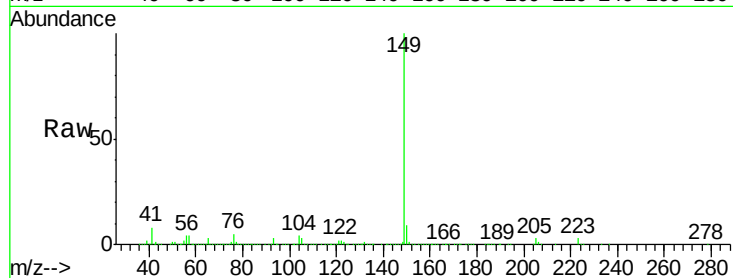
Tot Ion:149 Resp: 1454400

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

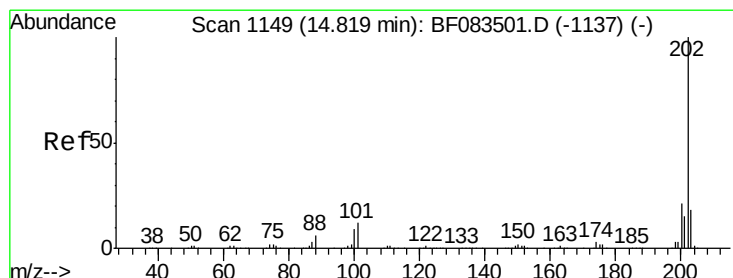
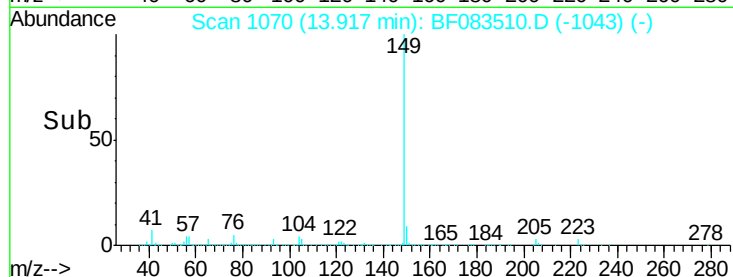
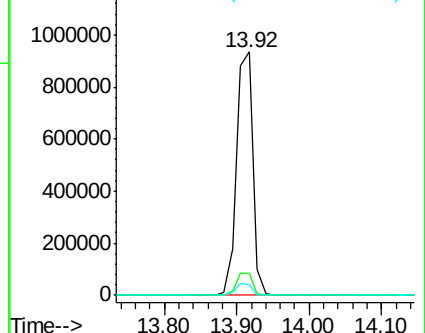
104 4.4 3.9 5.9



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: 49.55 ng

RT: 14.82 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

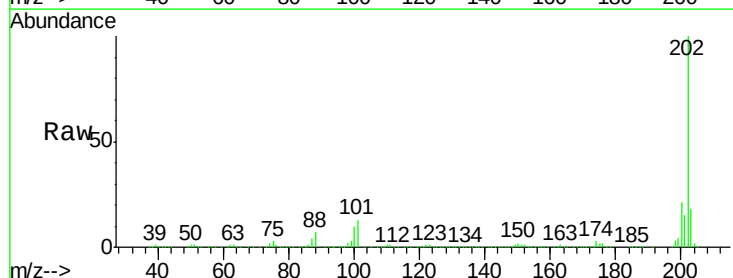
Tgt Ion:202 Resp: 1378323

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.5

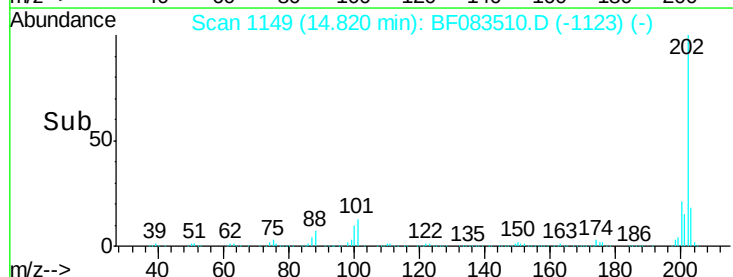
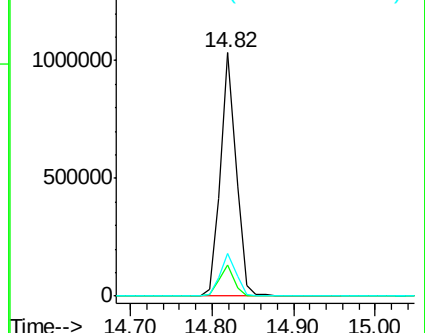
203 17.6 0.0 37.6

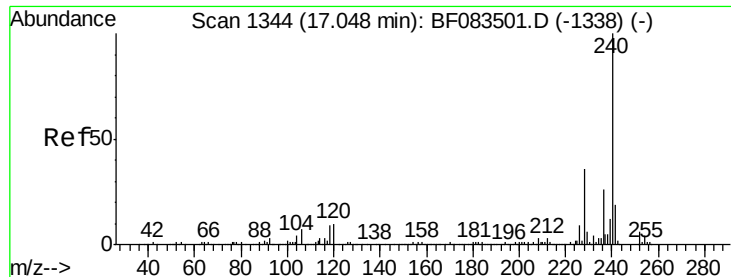


Abundance Ion 202.00 (201.70 to 202.70): E

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: 17.05 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MSD

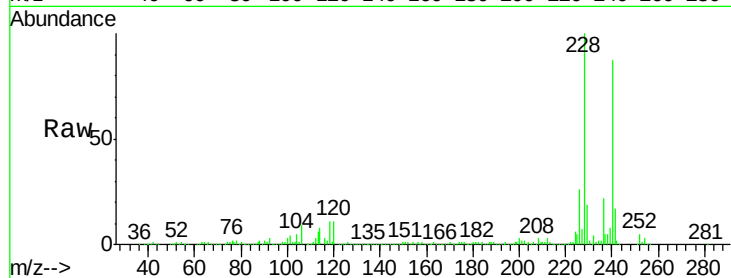
Tot Ion:240 Resp: 428274

Ion Ratio Lower Upper

240 100

120 13.0 8.1 12.1#

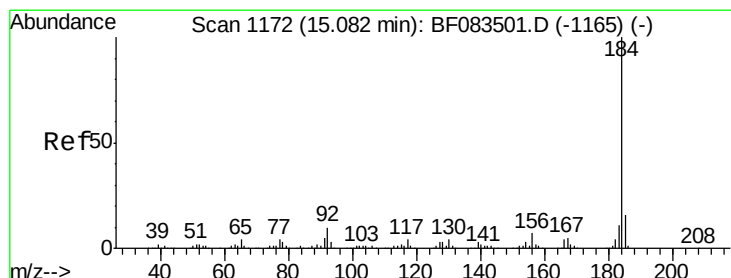
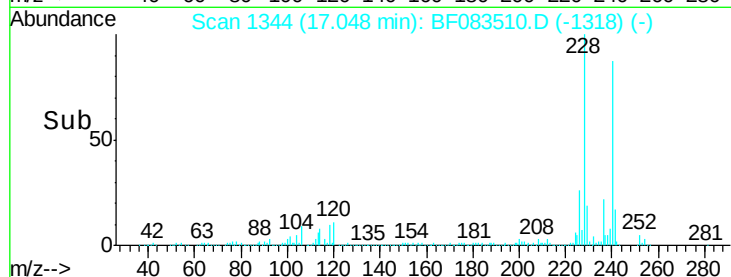
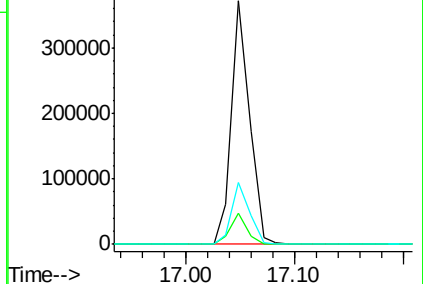
236 25.7 20.8 31.2



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: 5.62 ng

RT: 15.09 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

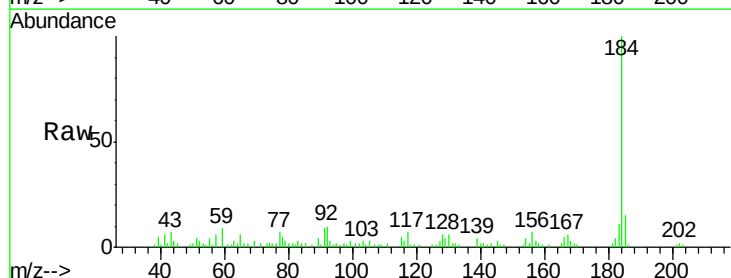
Tgt Ion:184 Resp: 86949

Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.6

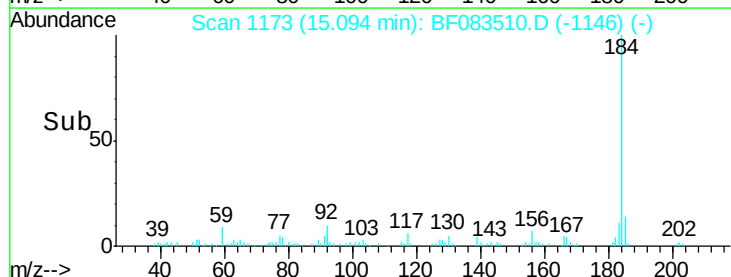
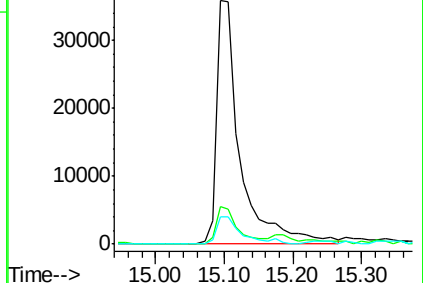
183 11.4 9.0 13.4

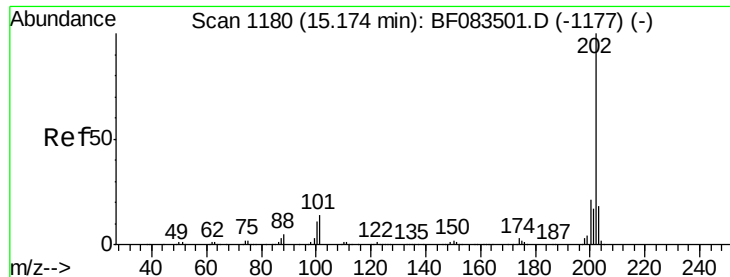


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



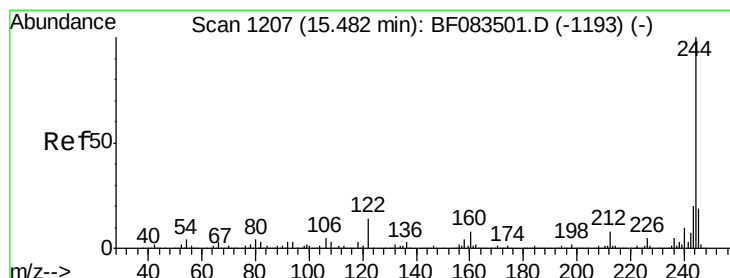
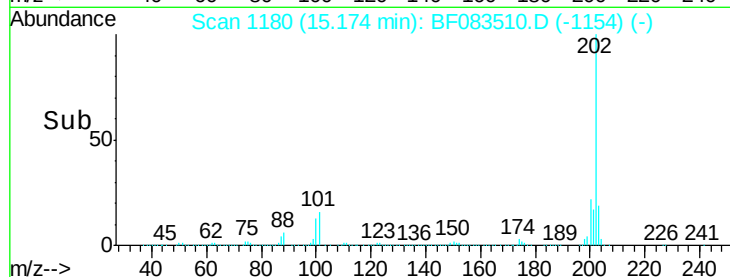
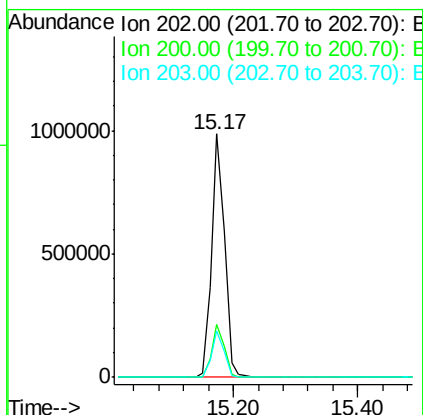
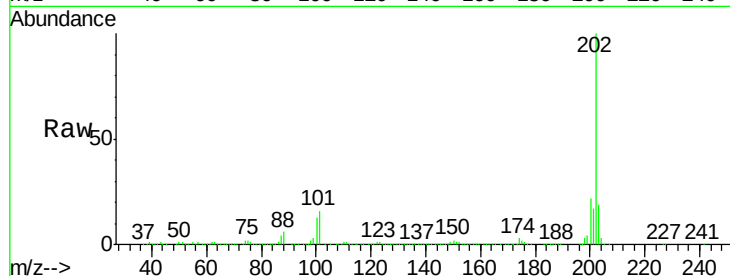


#77
 Pvrene
 Concen: 43.77 ng
 RT: 15.17 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MSD

Tot Ion:202 Resp: 1402157

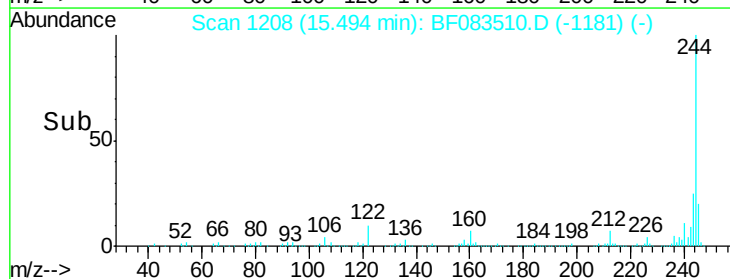
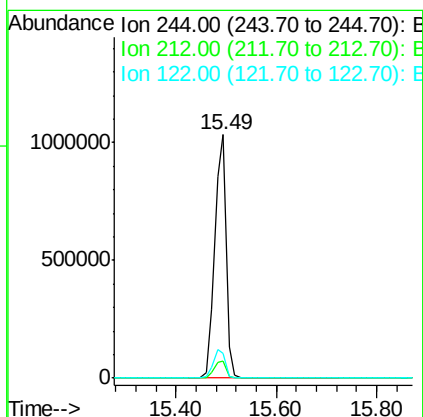
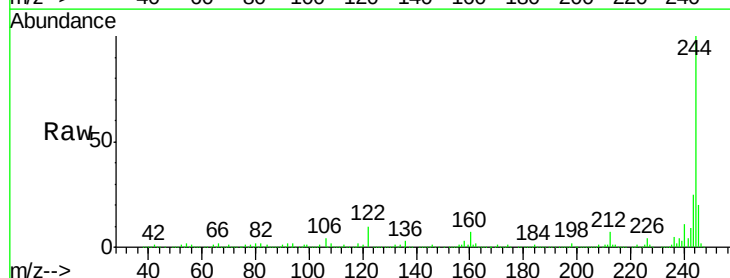
Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	19.0	14.3	21.5

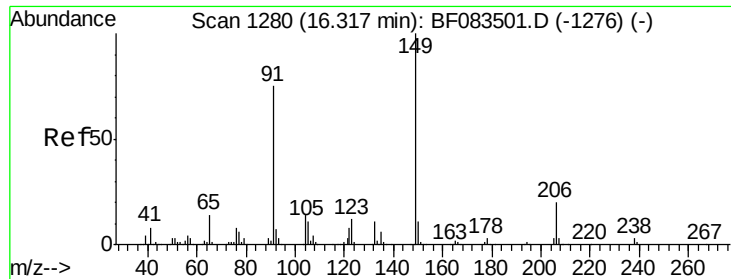


#78
 Terphenyl-d14
 Concen: 84.27 ng
 RT: 15.49 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Tgt Ion:244 Resp: 1621961

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.0	11.0	16.6





#79

Butylbenzylphthalate

Concen: 49.79 ng

RT: 16.32 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MSD

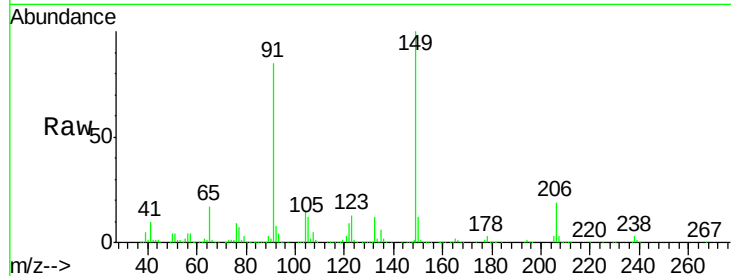
Tot Ion:149 Resp: 627266

Ion Ratio Lower Upper

149 100

91 84.5 60.0 90.0

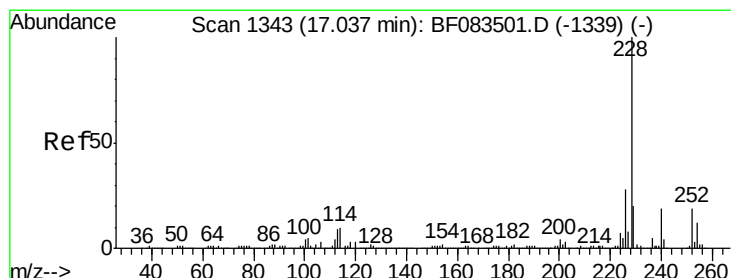
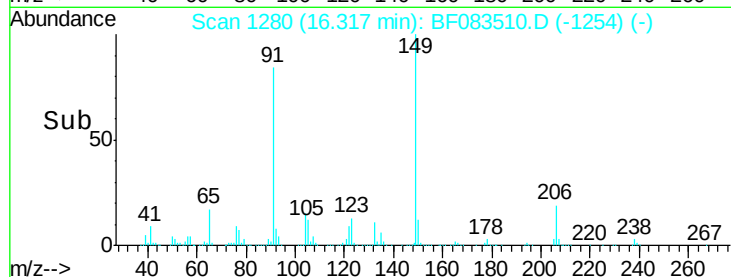
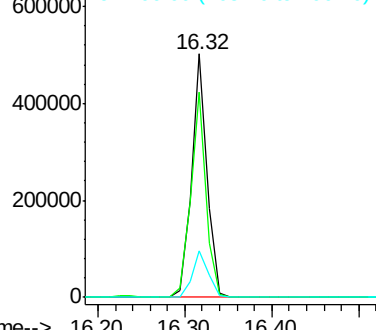
206 19.0 16.2 24.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.33 ng

RT: 17.04 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF083510.D

Acq: 5 Dec 2015 12:58

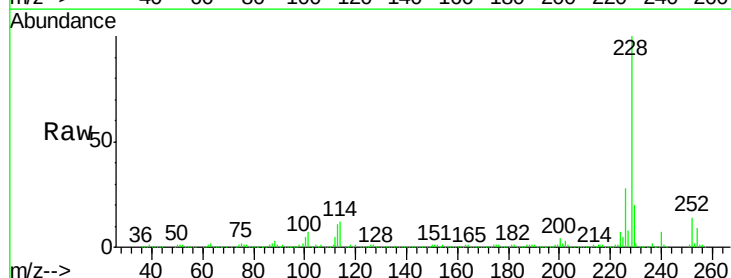
Tgt Ion:228 Resp: 1185868

Ion Ratio Lower Upper

228 100

226 28.3 22.3 33.5

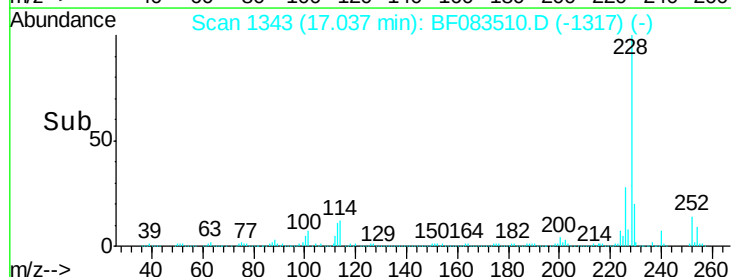
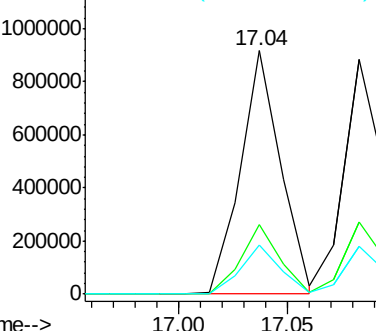
229 20.4 15.7 23.5

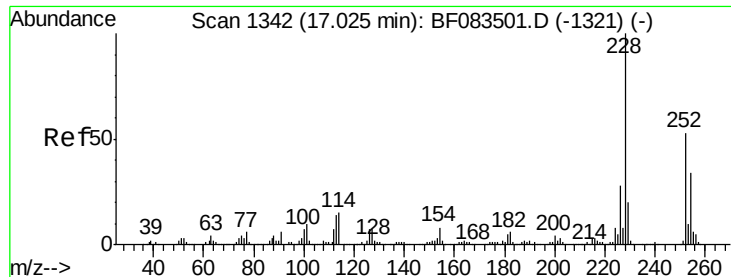


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

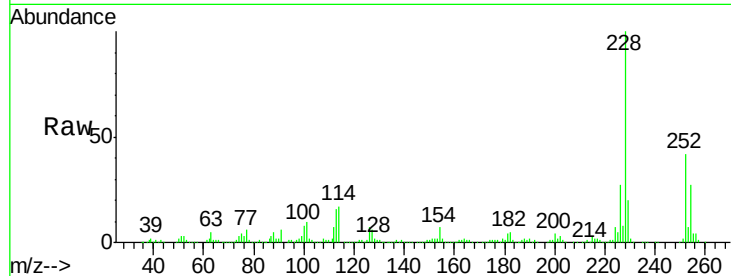




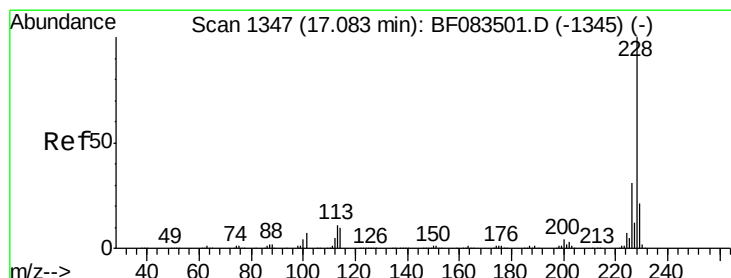
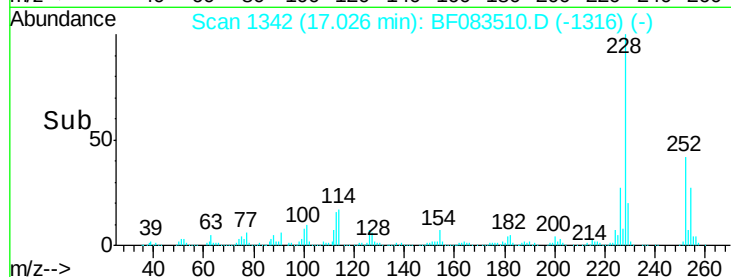
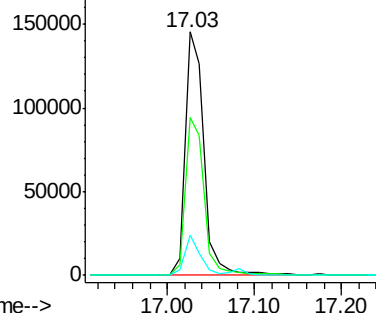
#81
 3,3'-Dichlorobenzidine
 Concen: 27.54 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MSD

Tot Ion:252 Resp: 220690
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.6 76.0
 126 16.7 11.0 16.4#

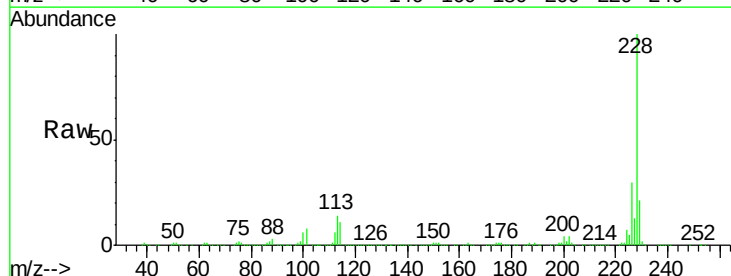


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

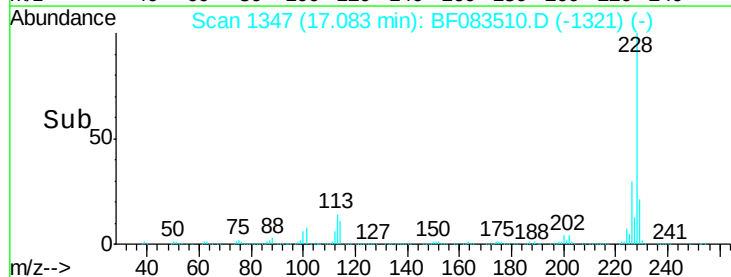
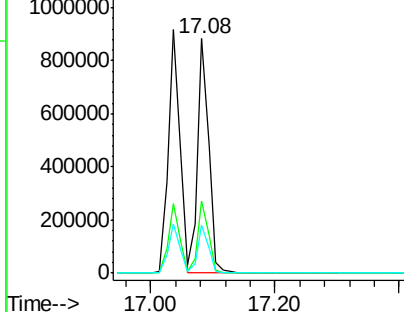


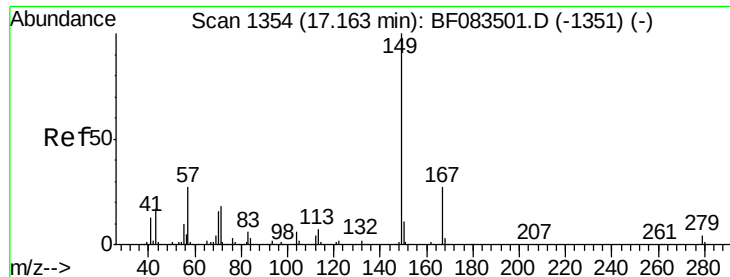
#82
 Chrysene
 Concen: 44.45 ng
 RT: 17.08 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Tgt Ion:228 Resp: 1109648
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.7 37.1
 229 20.6 16.3 24.5



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

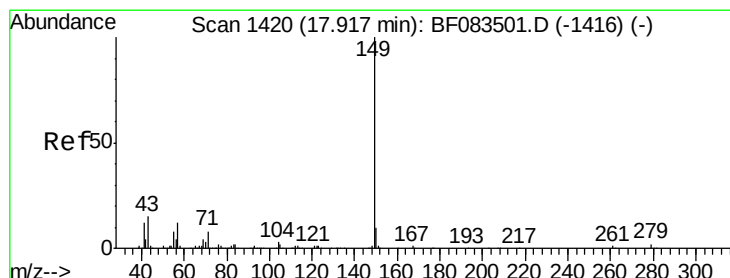
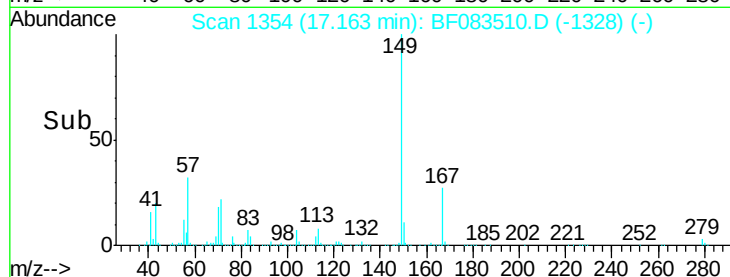
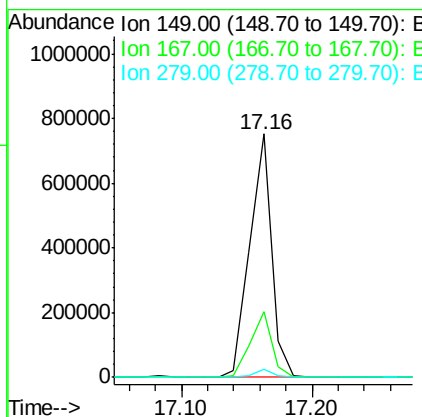
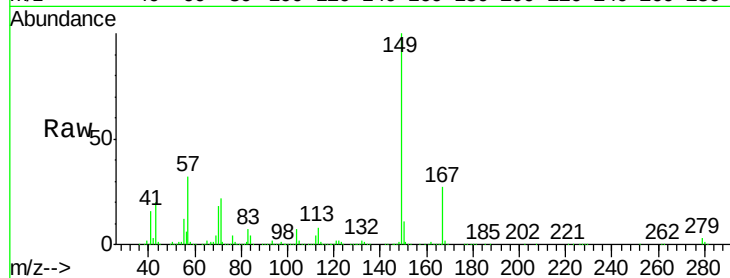




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.89 ng
 RT: 17.16 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

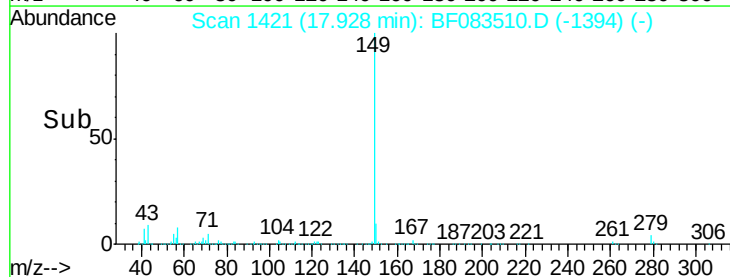
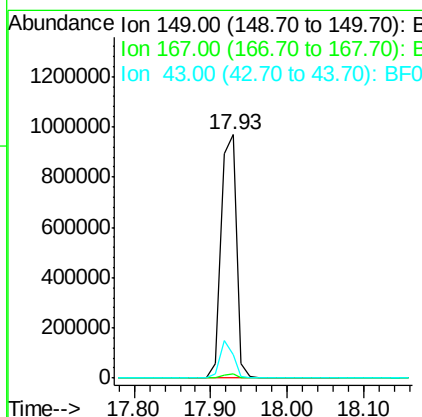
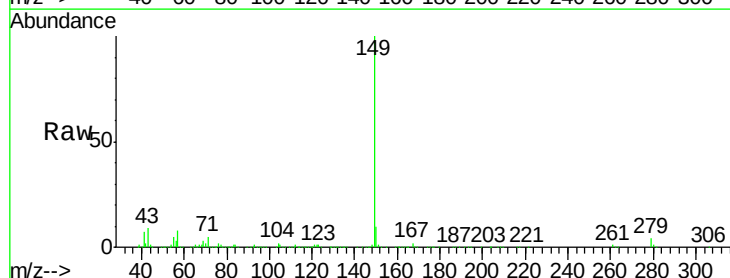
Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MSD

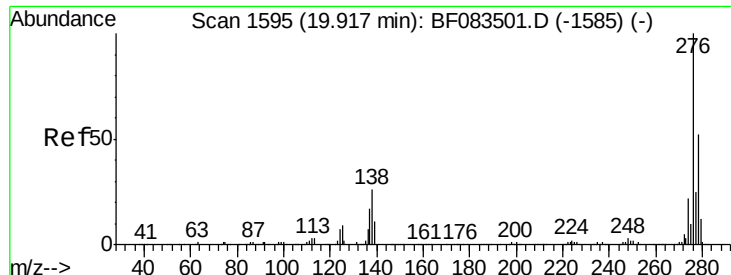
Tot Ion:149 Resp: 874373
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.8 32.8
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 58.02 ng
 RT: 17.93 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF083510.D
 Acq: 5 Dec 2015 12:58

Tgt Ion:149 Resp: 1367887
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 13.1 0.0 0.0#

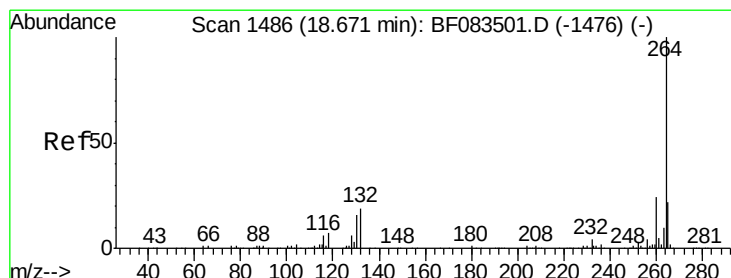
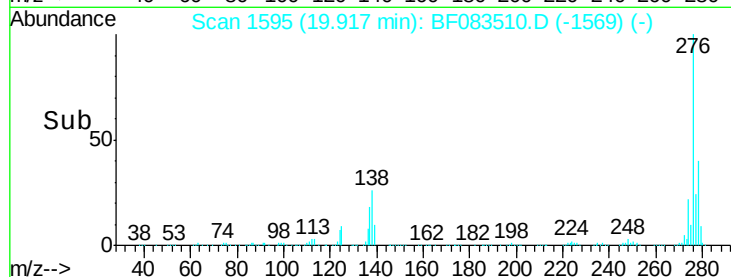
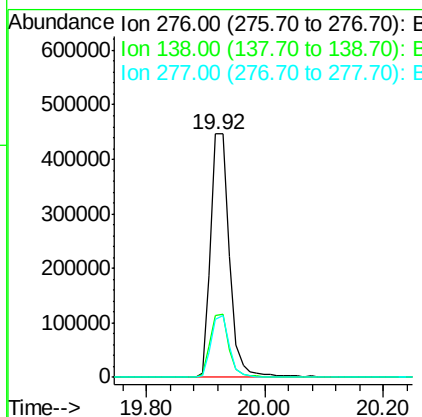
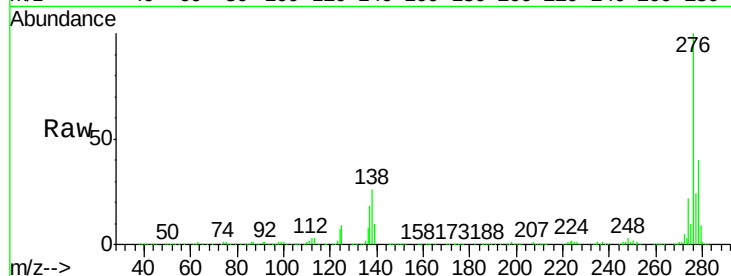




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.13 ng
RT: 19.92 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

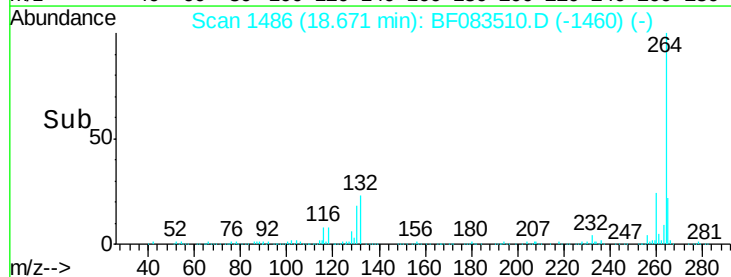
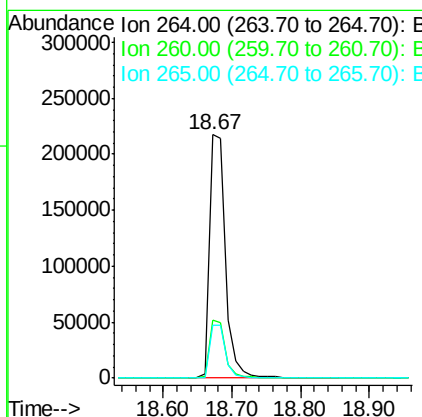
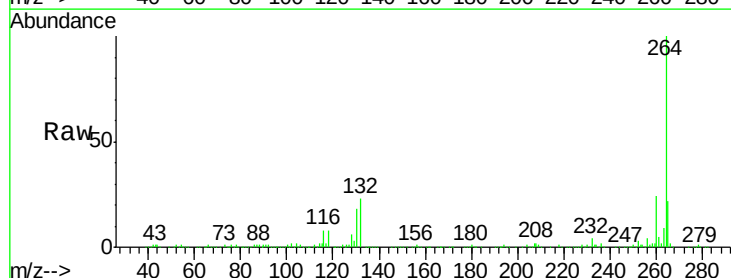
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

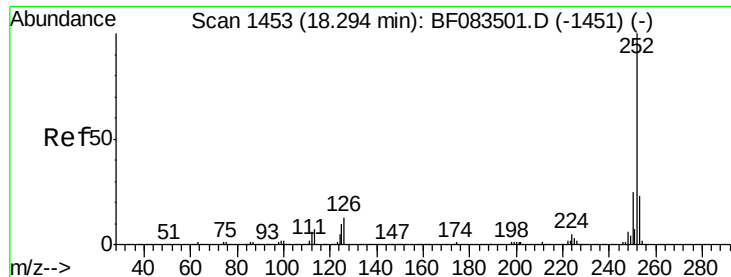
Tot Ion:276 Resp: 987121
Ion Ratio Lower Upper
276 100
138 26.4 0.0 0.0#
277 24.8 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Tgt Ion:264 Resp: 356580
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.0
265 21.6 17.8 26.6

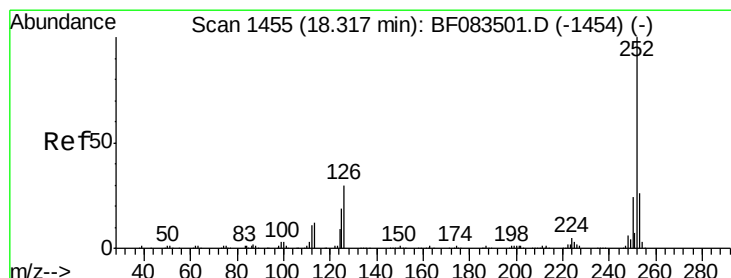
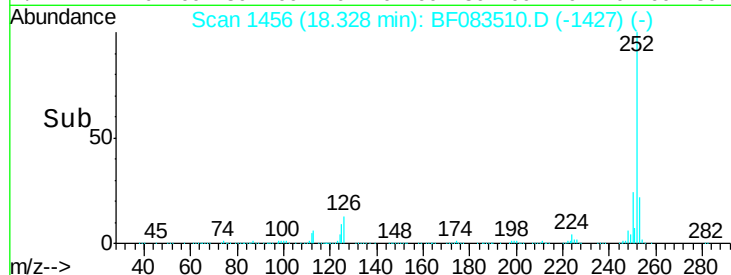
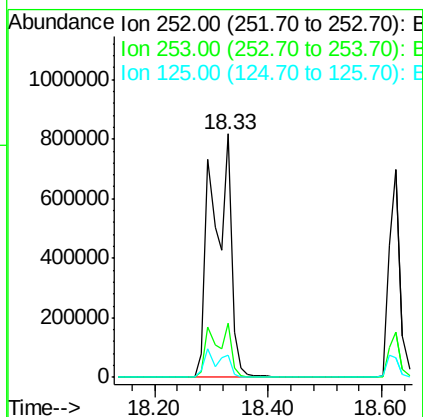
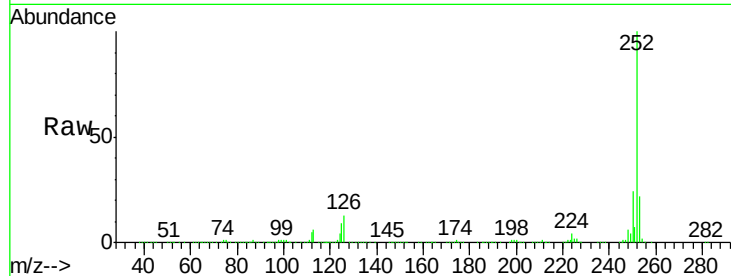




#87
Benzo(b)fluoranthene
Concen: 95.61 ng
RT: 18.33 min Scan# 1456
Delta R.T. 0.03 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

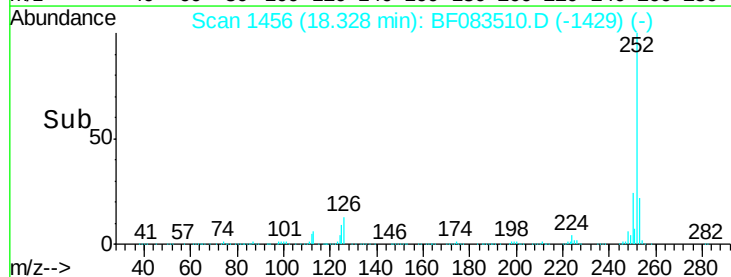
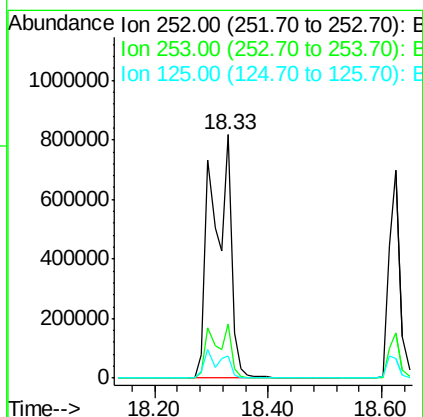
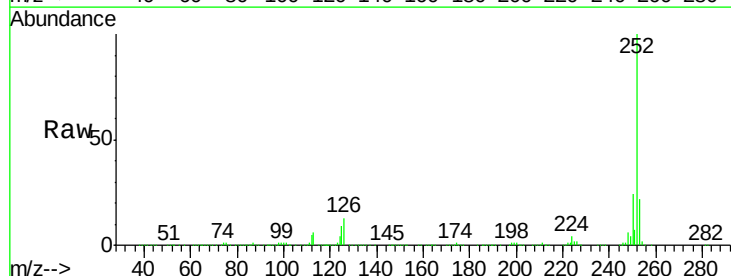
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

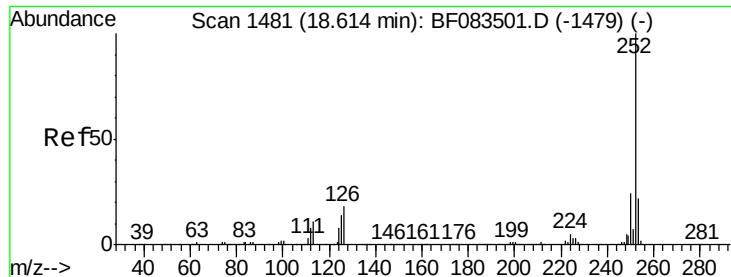
Tot Ion:252 Resp: 1914612
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 9.0 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 93.33 ng
RT: 18.33 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Tgt Ion:252 Resp: 1914612
Ion Ratio Lower Upper
252 100
253 22.5 18.6 27.8
125 9.0 11.5 17.3#

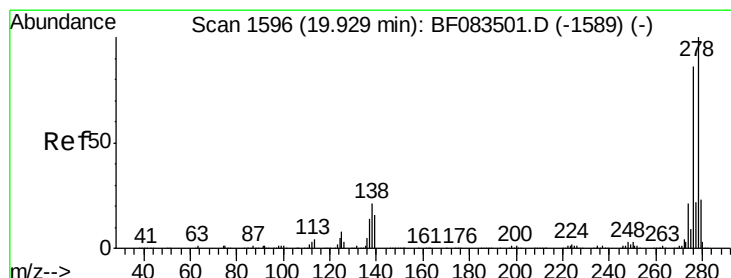
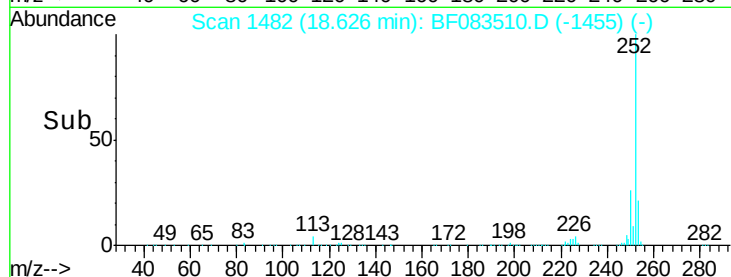
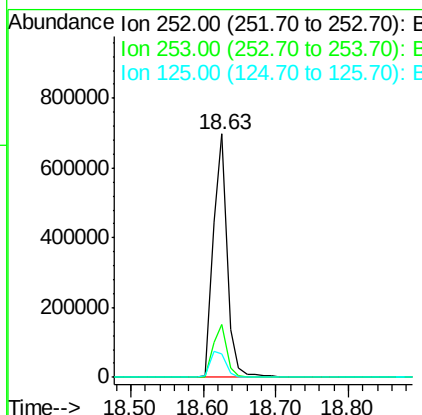
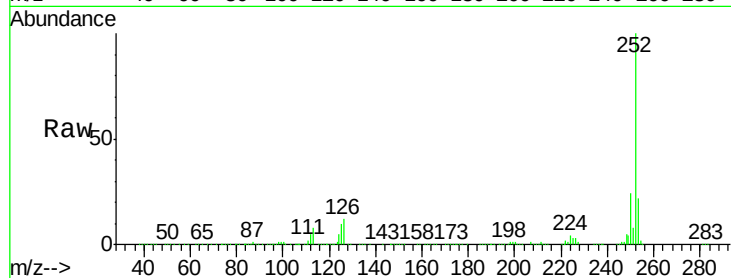




#89
Benzo(a)pyrene
Concen: 47.22 ng
RT: 18.63 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

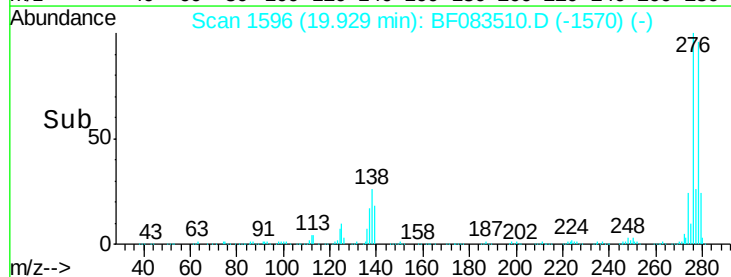
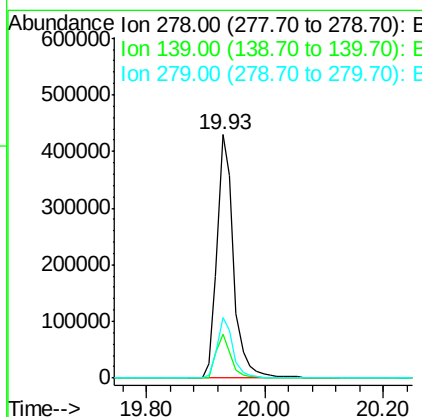
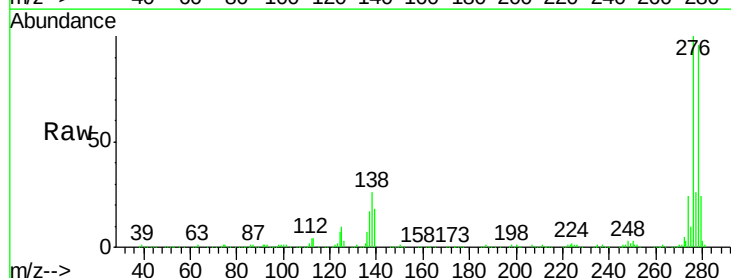
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MSD

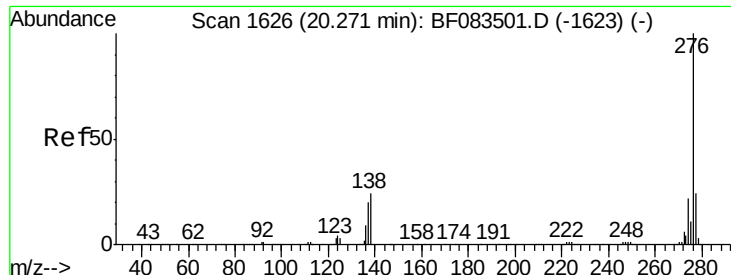
Tot Ion:252 Resp: 919784
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.6 11.0 16.6#



#90
Dibenzo(a,h)anthracene
Concen: 44.64 ng
RT: 19.93 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF083510.D
Acq: 5 Dec 2015 12:58

Tgt Ion:278 Resp: 836661
Ion Ratio Lower Upper
278 100
139 18.3 12.8 19.2
279 24.8 18.6 28.0





#91

Benzo(a,h,i)perylene

Concen: 44.34 ng

RT: 20.28 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BF083510.D

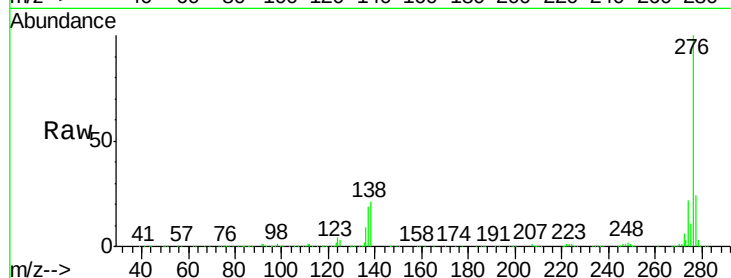
Acq: 5 Dec 2015 12:58

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MSD



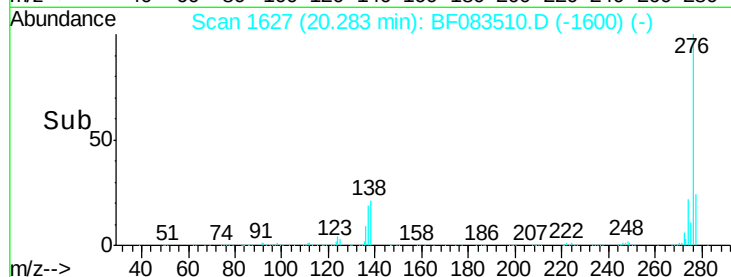
Tot Ion:276 Resp: 837329

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 21.3 19.5 29.3



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

