

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083554.D
 Acq On : 7 Dec 2015 10:48
 Operator : UM/IZ
 Sample : G4573-04MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 11:32:19 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	5.73	152	156205	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	585444	20.00	ng	-0.03
38) Acenaphthene-d10	10.43	164	270102	20.00	ng	-0.03
63) Phenanthrene-d10	12.82	188	433194	20.00	ng	-0.03
75) Chrysene-d12	17.03	240	336255	20.00	ng	-0.02
86) Perylene-d12	18.65	264	256032	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	1484169	144.15	ng	0.00
7) Phenol-d6	5.31	99	1995574	140.67	ng	-0.01
23) Nitrobenzene-d5	6.57	82	1264756	100.98	ng	-0.03
41) 2,4,6-Tribromophenol	11.72	330	323084	129.67	ng	-0.03
44) 2-Fluorobiphenyl	9.39	172	1821127	91.45	ng	-0.03
78) Terphenyl-d14	15.46	244	1322825	87.54	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	1.90	88	179486	33.24	ng	# 93
3) Pyridine	2.34	79	505097	39.19	ng	98
4) n-Nitrosodimethylamine	2.30	42	322441	49.67	ng	95
6) Aniline	5.30	93	353514	19.15	ng	91
8) 2-Chlorophenol	5.46	128	518434	45.28	ng	98
9) Benzaldehyde	5.13	77	249135	30.63	ng	98
10) Phenol	5.33	94	774667	46.70	ng	# 72
11) bis(2-Chloroethyl)ether	5.40	93	552638	44.95	ng	98
12) 1,3-Dichlorobenzene	5.65	146	552468	43.50	ng	98
13) 1,4-Dichlorobenzene	5.76	146	550797	42.47	ng	99
14) 1,2-Dichlorobenzene	5.97	146	512180	42.95	ng	98
15) Benzyl Alcohol	5.98	79	532624	54.12	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.17	45	999774	43.86	ng	83
17) 2-Methylphenol	6.18	107	445705	47.16	ng	97
18) Hexachloroethane	6.45	117	176399	38.98	ng	# 87
19) n-Nitroso-di-n-propylamine	6.38	70	470484	49.71	ng	98
20) 3+4-Methylphenols	6.42	107	601767	49.02	ng	94
22) Acetophenone	6.35	105	777618	46.11	ng	99
24) Nitrobenzene	6.60	77	644830	46.75	ng	93
25) Isophorone	6.97	82	1151547	47.88	ng	98
26) 2-Nitrophenol	7.07	139	241791	44.42	ng	96
27) 2,4-Dimethylphenol	7.21	122	467805	48.64	ng	100
28) bis(2-Chloroethoxy)methane	7.32	93	696558	51.97	ng	100
29) 2,4-Dichlorophenol	7.47	162	427318	49.21	ng	96
30) 1,2,4-Trichlorobenzene	7.56	180	438803	45.70	ng	96
31) Naphthalene	7.68	128	1443152	46.31	ng	99
32) Benzoic acid	7.21	122	438211	75.29	ng	# 11
33) 4-Chloroaniline	7.80	127	137978	11.32	ng	93
34) Hexachlorobutadiene	7.88	225	254720	44.90	ng	97
35) Caprolactam	8.41	113	118344	42.84	ng	89
36) 4-Chloro-3-methylphenol	8.65	107	462855	47.36	ng	100
37) 2-Methylnaphthalene	8.77	142	926413	48.08	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	411122	46.29	ng	# 100
40) Hexachlorocyclopentadiene	9.02	237	28018	17.37	ng	97

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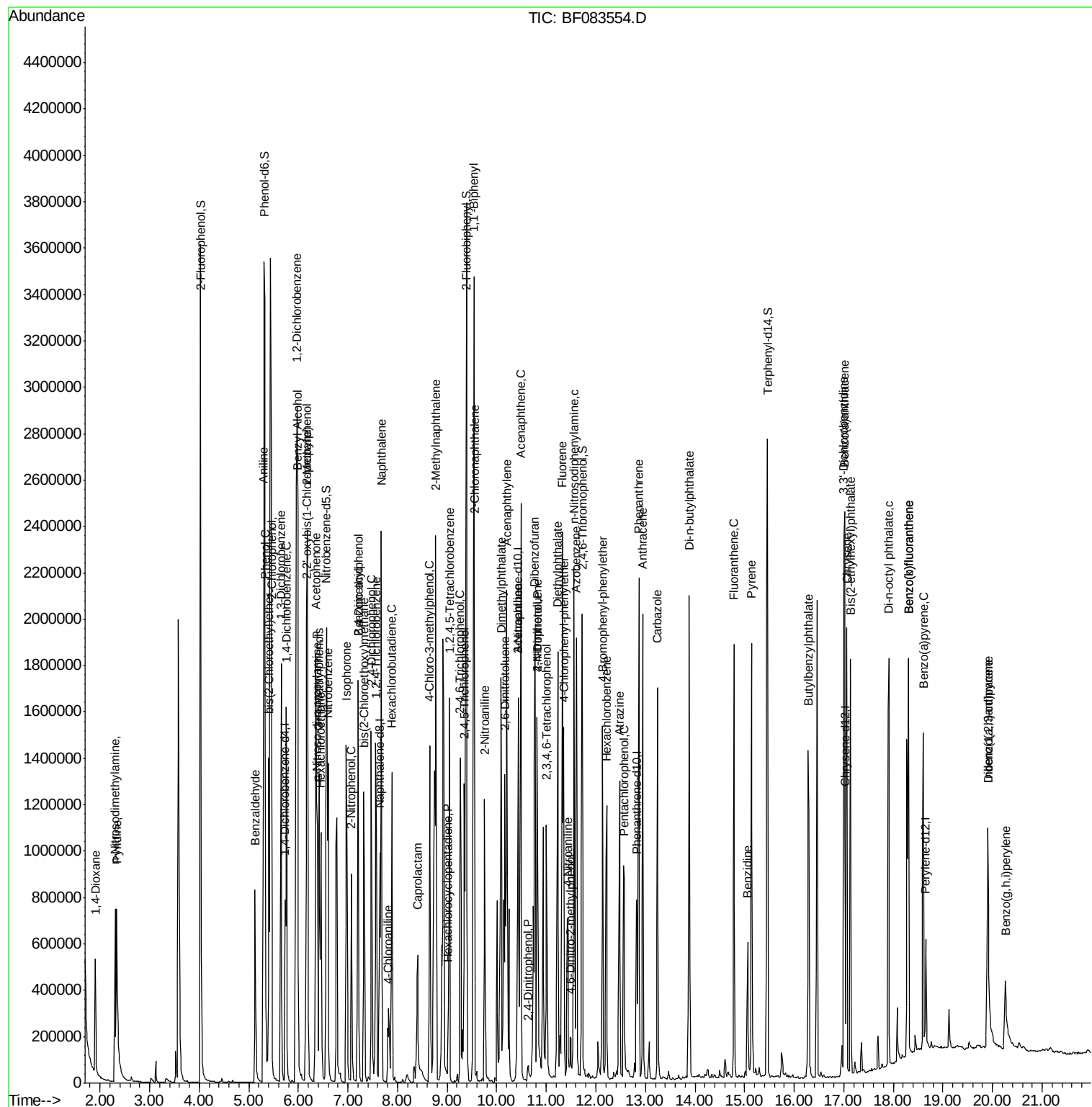
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	276103	49.51	nq	97
43) 2,4,5-Trichlorophenol	9.34	196	282209	49.13	nq	96
45) 1,1'-Biphenyl	9.54	154	1078403	44.93	nq	99
46) 2-Chloronaphthalene	9.55	162	840450	46.47	nq	97
47) 2-Nitroaniline	9.76	65	330483	51.29	nq	97
48) Acenaphthylene	10.20	152	1316695	44.46	nq	100
49) Dimethylphthalate	10.09	163	1449645	68.19	nq	99
50) 2,6-Dinitrotoluene	10.17	165	207301	46.31	nq	96
51) Acenaphthene	10.49	154	782634	45.92	nq	98
52) 3-Nitroaniline	10.43	138	152850	31.67	nq	89
53) 2,4-Dinitrophenol	10.64	184	24208	17.09	nq	93
54) Dibenzofuran	10.77	168	1185142	50.19	nq	99
55) 4-Nitrophenol	10.82	139	231349	85.11	nq	93
56) 2,4-Dinitrotoluene	10.82	165	257263	44.00	nq	94
57) Fluorene	11.32	166	897780	43.71	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.00	232	207284	48.25	nq #	100
59) Diethylphthalate	11.23	149	996566	48.71	nq	99
60) 4-Chlorophenyl-phenylether	11.36	204	443816	45.09	nq #	89
61) 4-Nitroaniline	11.44	138	188087	43.02	nq	98
62) Azobenzene	11.61	77	1163381	53.30	nq	98
64) 4,6-Dinitro-2-methylphenol	11.49	198	40026	16.18	nq	78
65) n-Nitrosodiphenylamine	11.56	169	783934	54.66	nq	99
66) 4-Bromophenyl-phenylether	12.13	248	242226	51.17	nq	94
67) Hexachlorobenzene	12.21	284	251231	49.65	nq #	89
68) Atrazine	12.48	200	224367	51.73	nq	98
69) Pentachlorophenol	12.57	266	202877	87.75	nq	98
70) Phenanthrene	12.87	178	1183059	46.92	nq	100
71) Anthracene	12.95	178	1198667	46.61	nq	100
72) Carbazole	13.24	167	1020177	46.20	nq	98
73) Di-n-butylphthalate	13.88	149	1451592	54.58	nq	99
74) Fluoranthene	14.79	202	1074827	43.01	nq	98
76) Benzidine	15.06	184	376958	31.03	nq	96
77) Pyrene	15.14	202	1092720	43.44	nq	99
79) Butylbenzylphthalate	16.28	149	516239	52.19	nq	87
80) Benzo(a)anthracene	17.01	228	955616	48.57	nq	99
81) 3,3'-Dichlorobenzidine	17.00	252	266628	42.37	nq	98
82) Chrysene	17.06	228	860929	43.93	nq	99
83) Bis(2-ethylhexyl)phthalate	17.14	149	727991	56.09	nq	99
84) Di-n-octyl phthalate	17.91	149	1149003	62.07	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.91	276	627380	37.34	nq #	100
87) Benzo(b)fluoranthene	18.31	252	1524467	106.02	nq	99
88) Benzo(k)fluoranthene	18.31	252	1524937	103.53	nq #	95
89) Benzo(a)pyrene	18.60	252	689758	49.32	nq #	96
90) Dibenzo(a,h)anthracene	19.91	278	544975	40.50	nq	99
91) Benzo(g,h,i)perylene	20.26	276	438988	32.37	nq	95

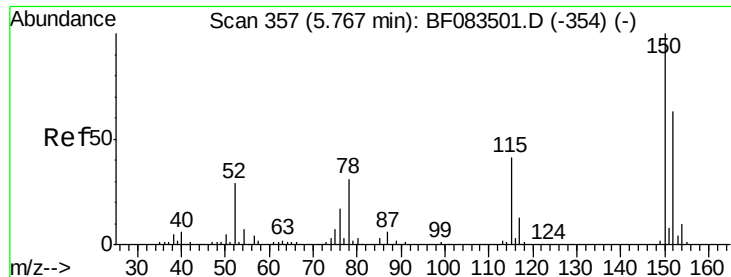
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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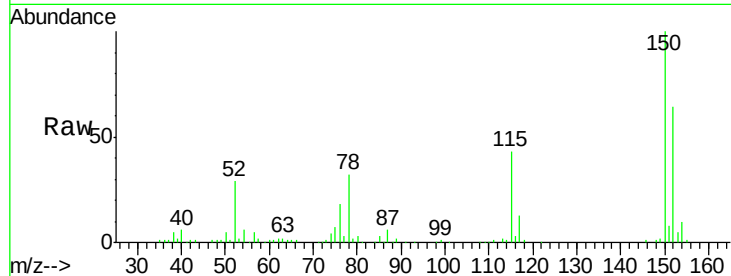


#1

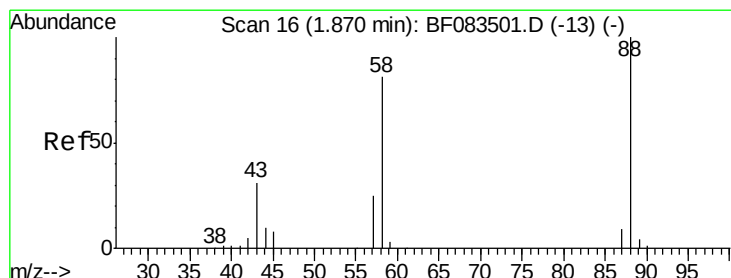
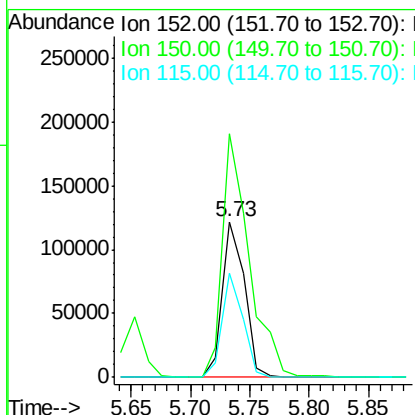
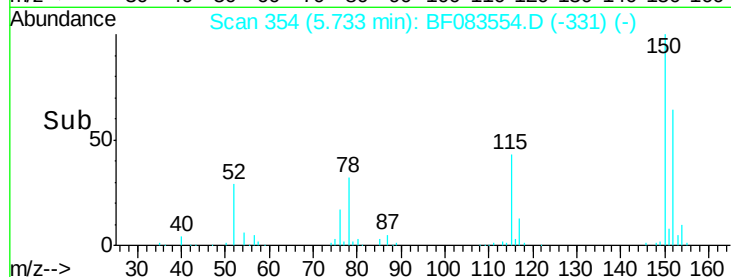
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.5	189.7
115	67.0	52.3	78.5



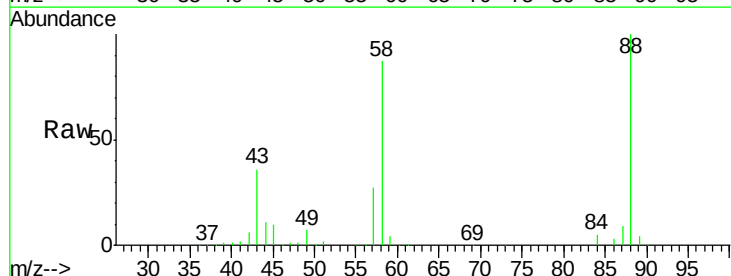
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



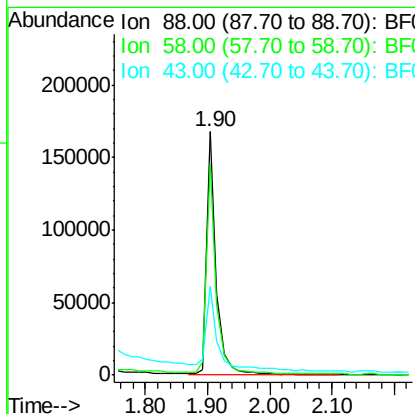
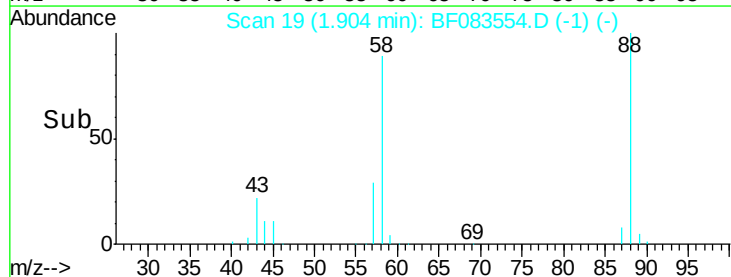
#2

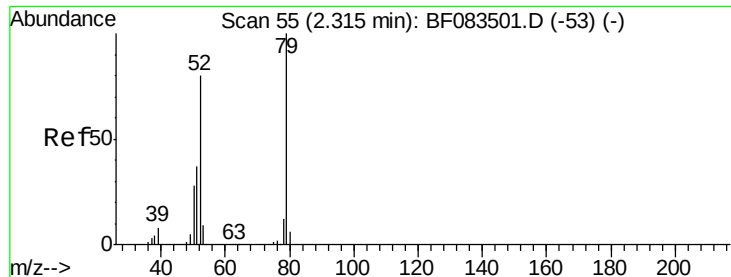
1,4-Dioxane
Concen: 33.24 ng
RT: 1.90 min Scan# 19
Delta R.T. 0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.1	68.0	102.0
43	45.3	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: 39.19 ng

RT: 2.34 min Scan# 57

Delta R.T. 0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

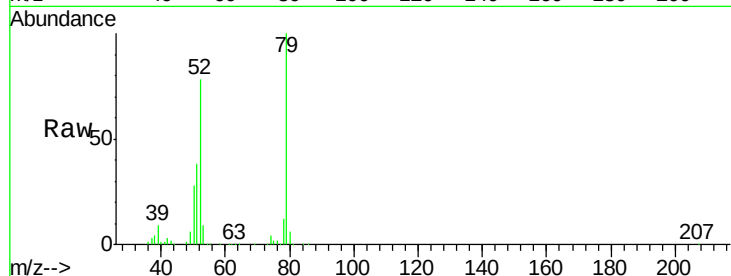
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 505097

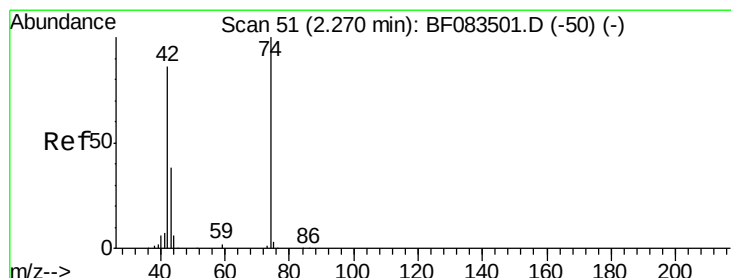
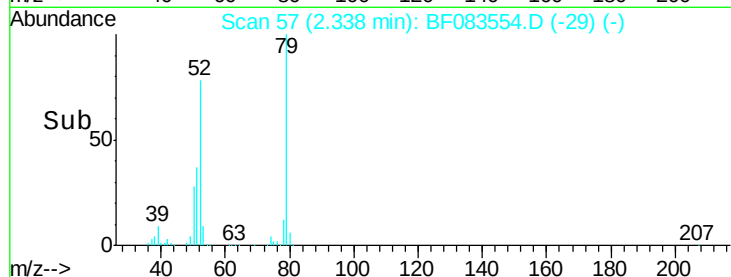
Ion	Ratio	Lower	Upper
79	100		
52	77.8	63.7	95.5
51	37.7	30.6	45.8



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: 49.67 ng

RT: 2.30 min Scan# 54

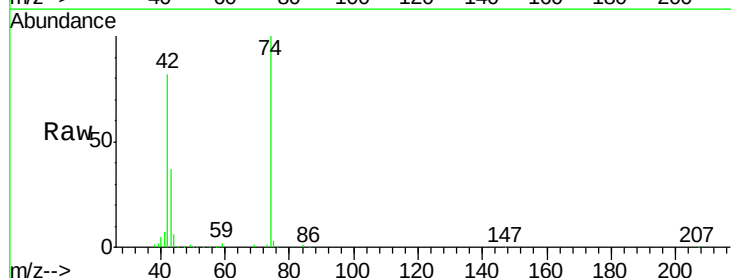
Delta R.T. 0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Tgt Ion: 42 Resp: 322441

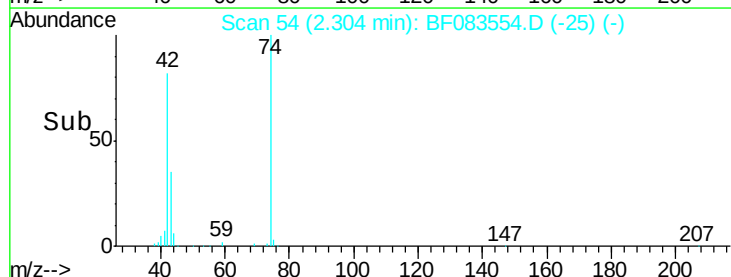
Ion	Ratio	Lower	Upper
42	100		
74	122.4	92.9	139.3
44	7.2	5.7	8.5

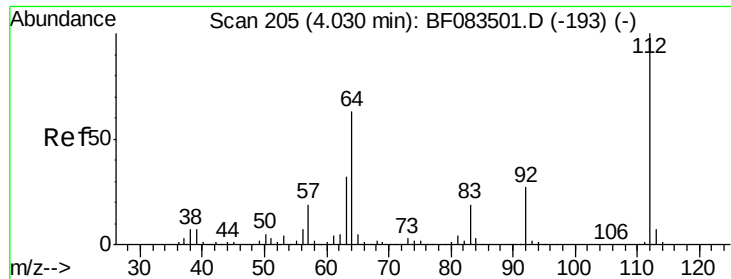


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 144.15 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampleId :

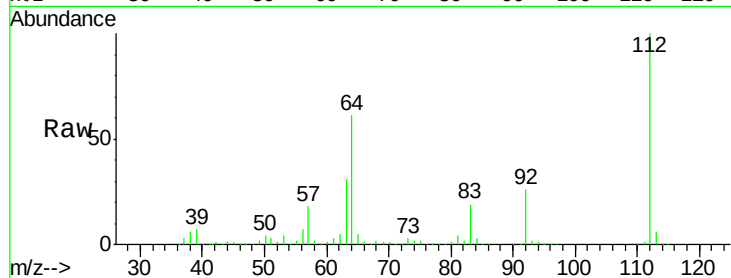
Tot Ion:112 Resp: 1484169

Ion Ratio Lower Upper

112 100

64 60.8 50.5 75.7

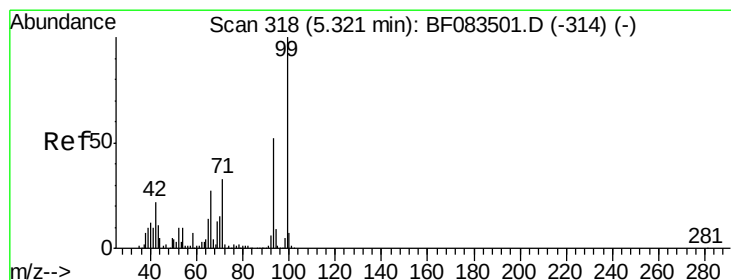
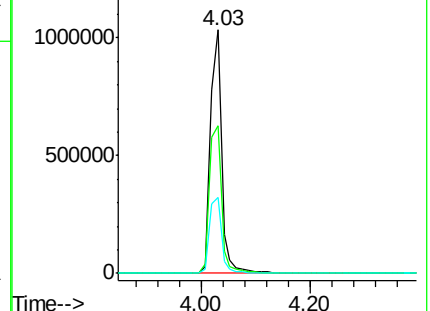
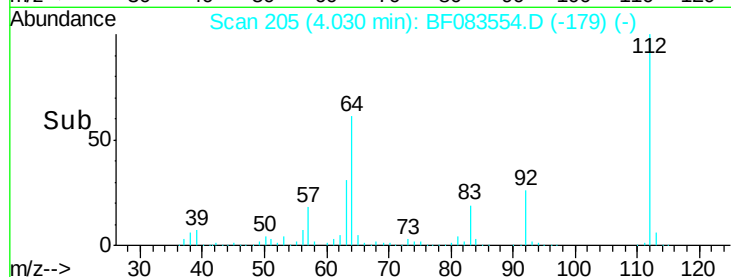
63 31.0 25.8 38.6



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: 19.15 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

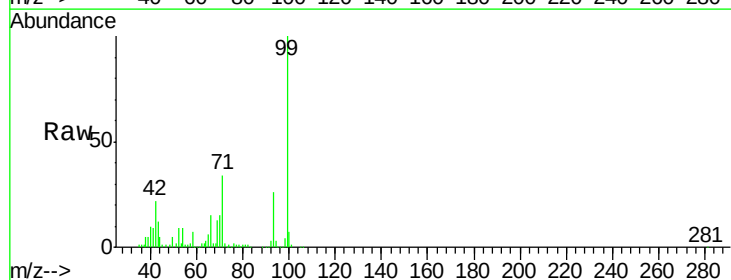
Tgt Ion: 93 Resp: 353514

Ion Ratio Lower Upper

93 100

66 59.7 41.3 61.9

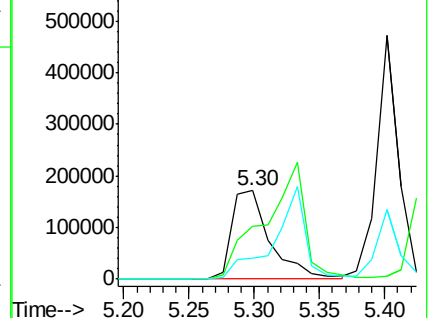
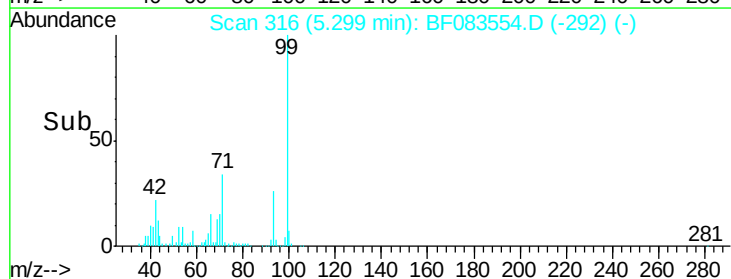
65 23.8 20.8 31.2

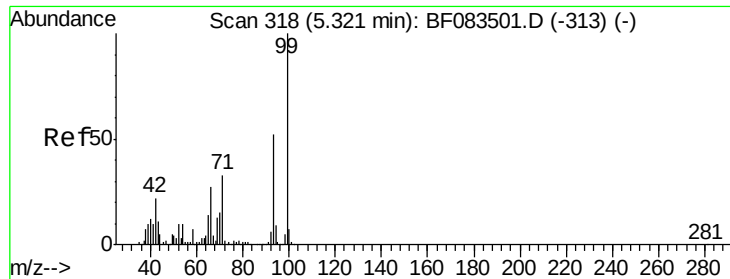


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 140.67 ng

RT: 5.31 min Scan# 317

Delta R.T. -0.01 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampled :

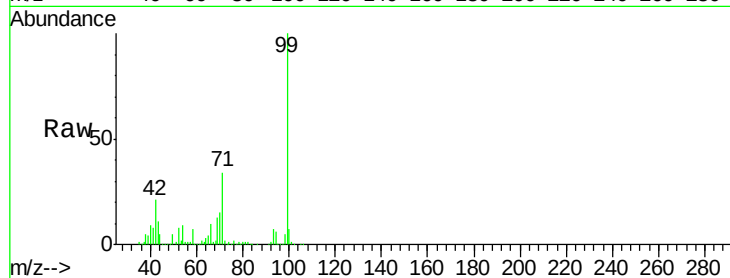
Tot Ion: 99 Resp: 1995574

Ion Ratio Lower Upper

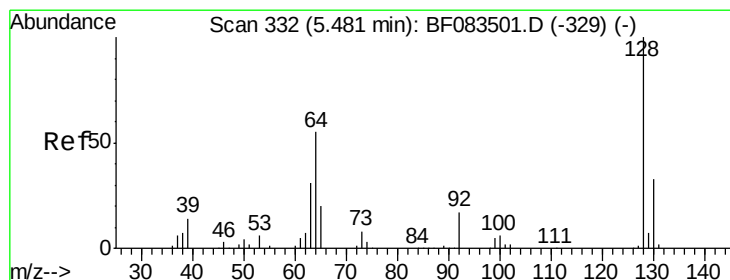
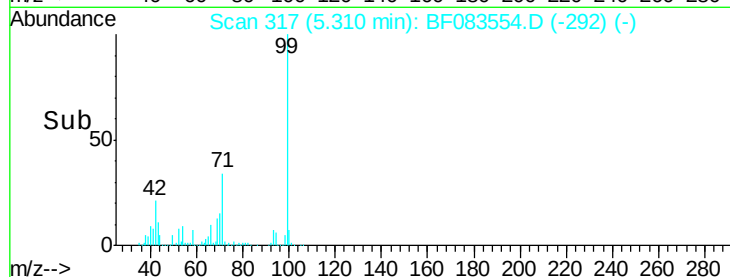
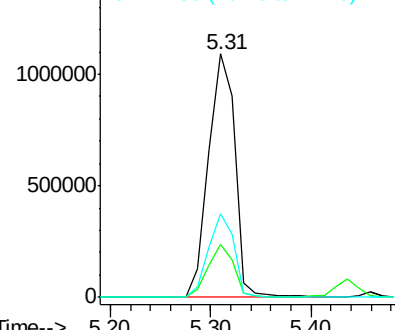
99 100

42 21.5 17.3 25.9

71 34.2 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: 45.28 ng

RT: 5.46 min Scan# 330

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

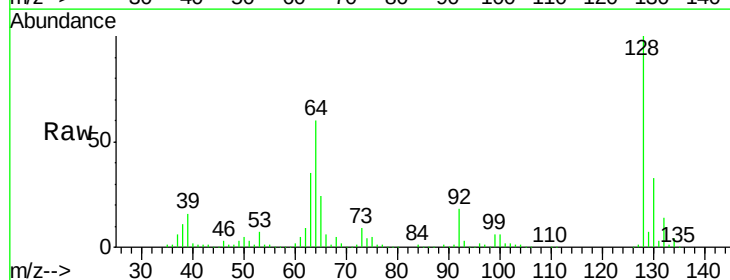
Tgt Ion:128 Resp: 518434

Ion Ratio Lower Upper

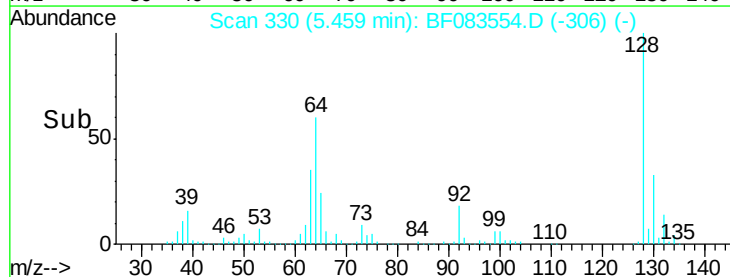
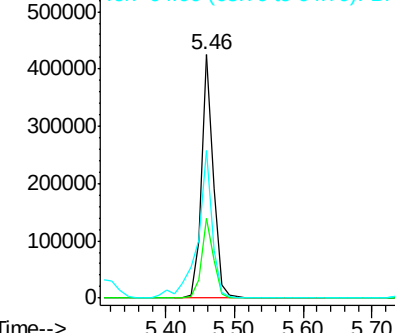
128 100

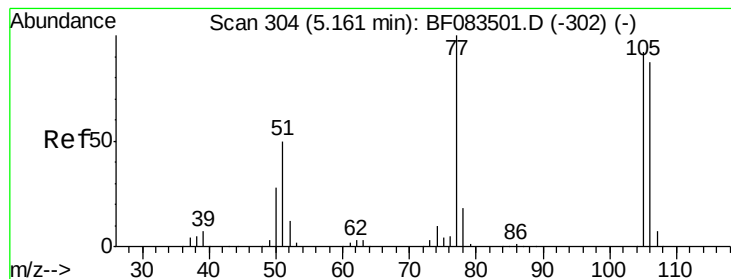
130 32.5 12.6 52.6

64 60.5 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: 30.63 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampled :

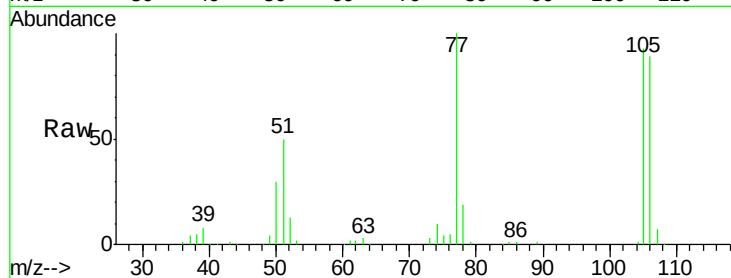
Tot Ion: 77 Resp: 249135

Ion Ratio Lower Upper

77 100

105 93.4 71.8 111.8

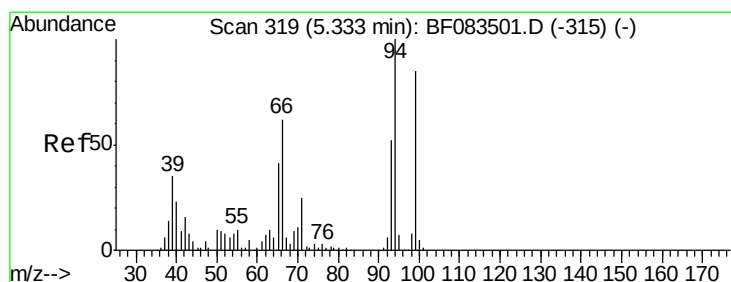
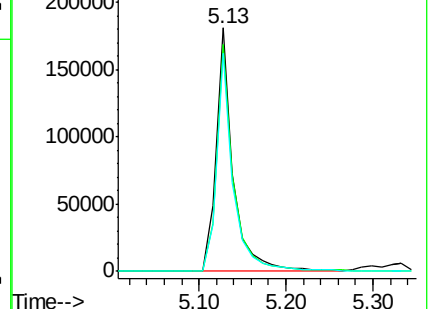
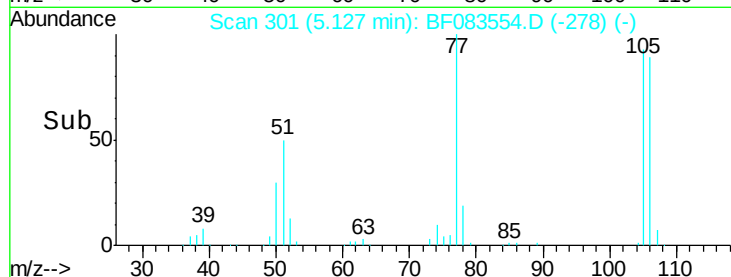
106 89.5 66.8 106.8



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: 46.70 ng

RT: 5.33 min Scan# 319

Delta R.T. 0.00 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

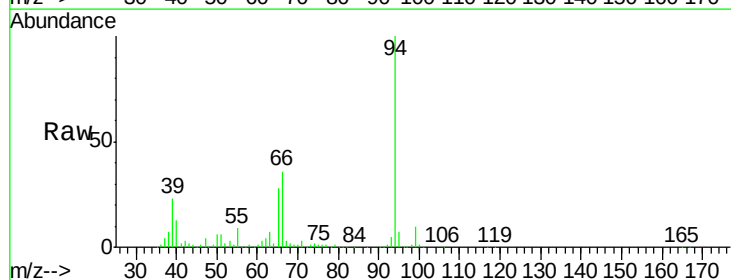
Tgt Ion: 94 Resp: 774667

Ion Ratio Lower Upper

94 100

65 28.5 20.9 60.9

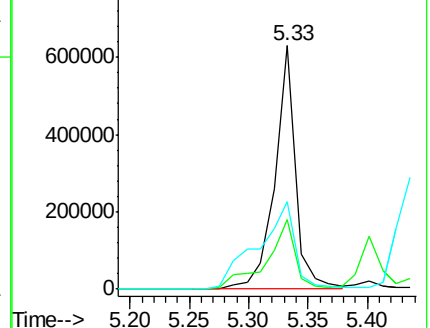
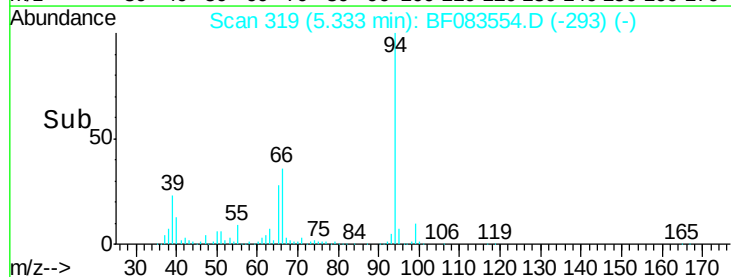
66 36.2 41.6 81.6#

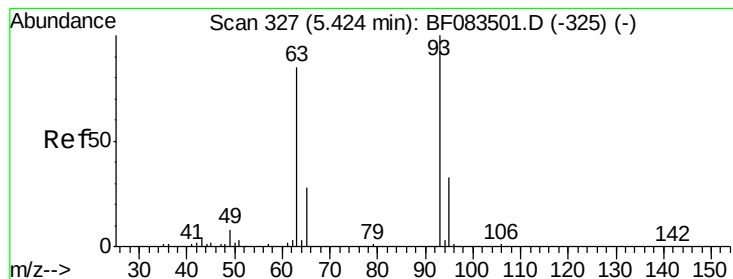


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

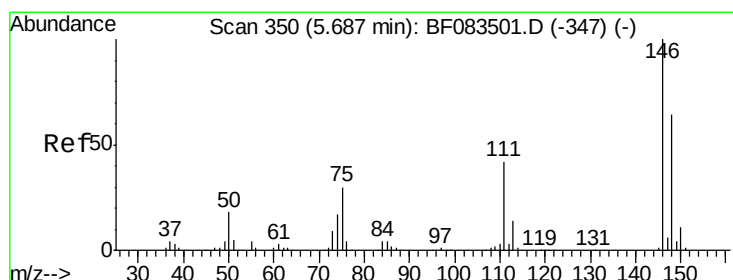
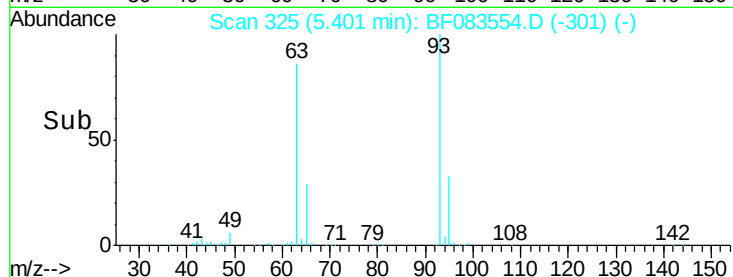
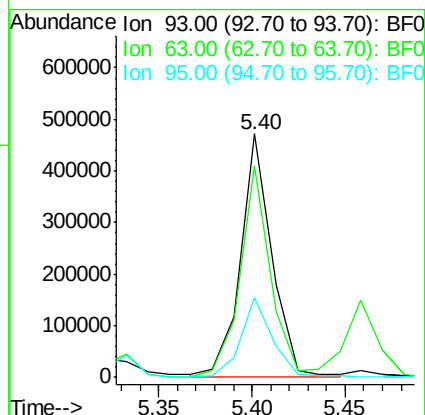
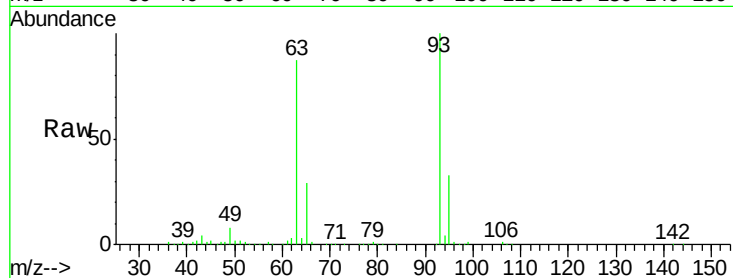




#11
bis(2-Chloroethyl)ether
Concen: 44.95 ng
RT: 5.40 min Scan# 325
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

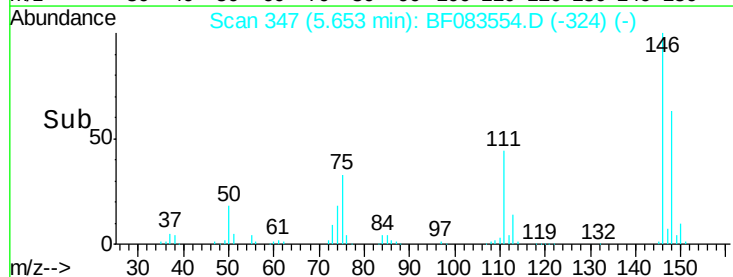
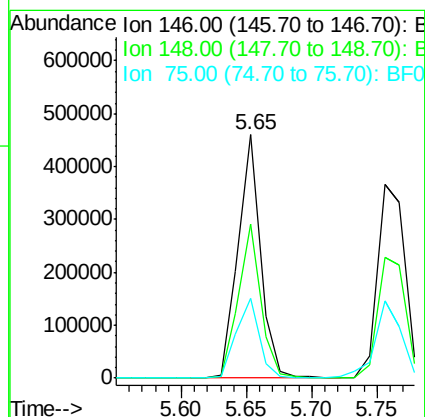
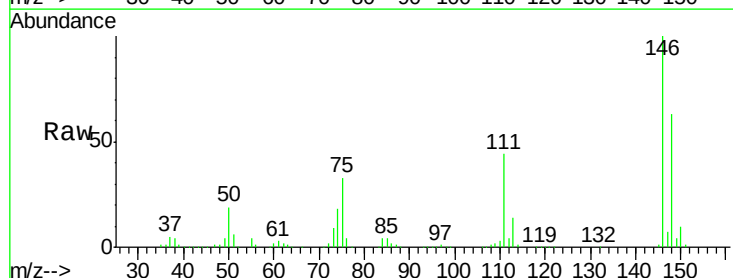
Instrument :
BNA_F
ClientSampleId :

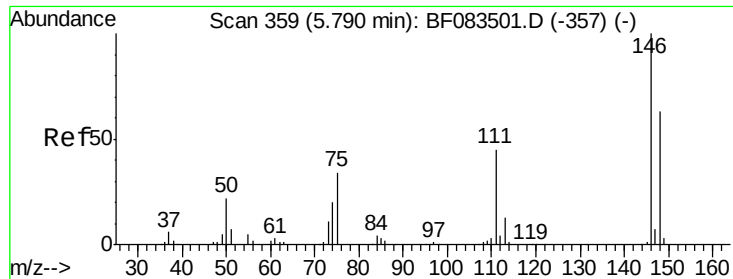
Tot Ion: 93 Resp: 552638
Ion Ratio Lower Upper
93 100
63 86.9 64.7 104.7
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 43.50 ng
RT: 5.65 min Scan# 347
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion: 146 Resp: 552468
Ion Ratio Lower Upper
146 100
148 63.2 51.3 76.9
75 32.6 24.1 36.1

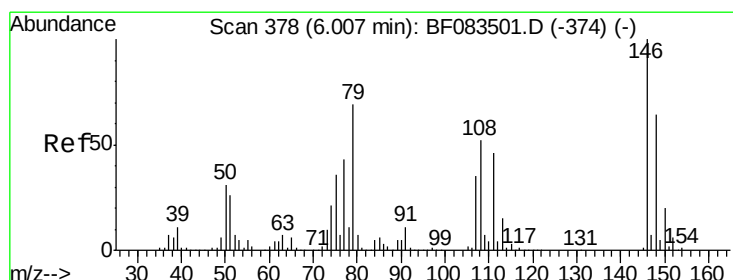
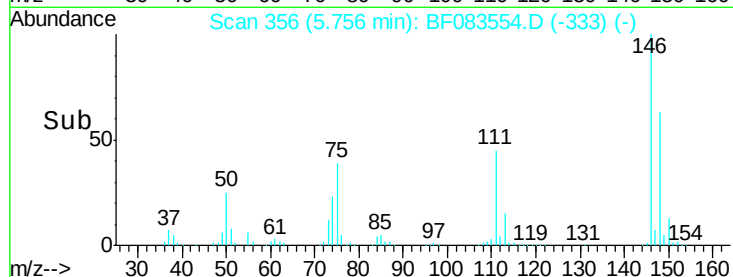
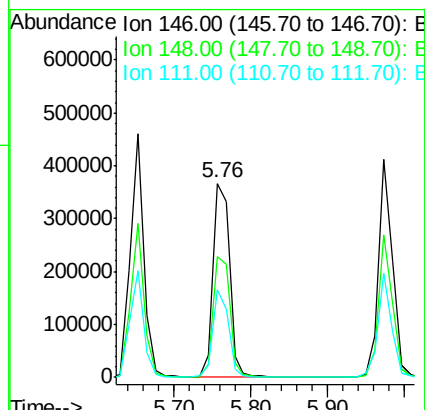
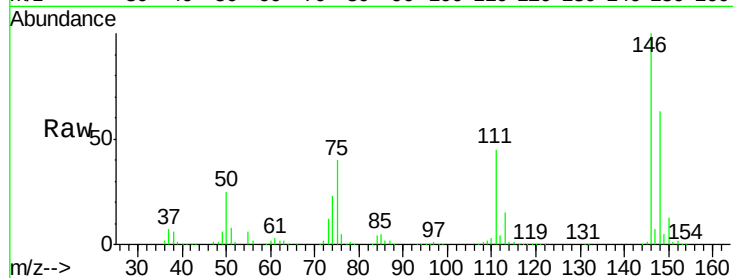




#13
 1,4-Dichlorobenzene
 Concen: 42.47 ng
 RT: 5.76 min Scan# 356
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

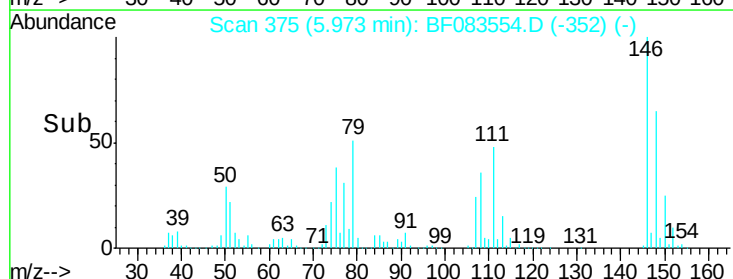
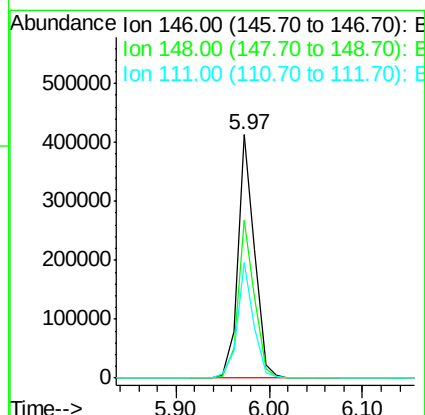
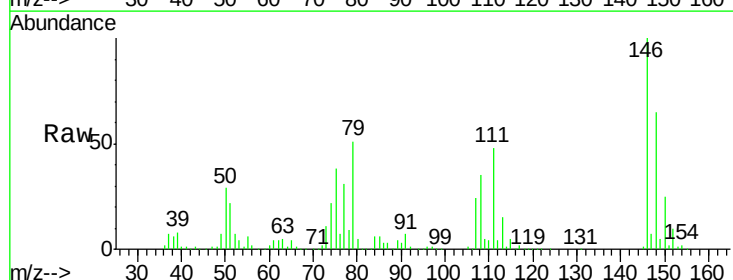
Instrument :
 BNA_F
 ClientSampleId :

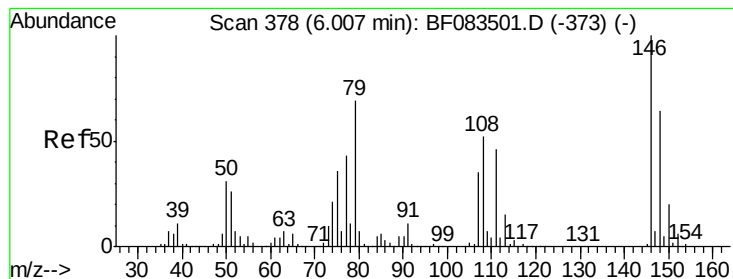
Tot Ion:146 Resp: 550797
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.6 76.0
 111 45.4 36.1 54.1



#14
 1,2-Dichlorobenzene
 Concen: 42.95 ng
 RT: 5.97 min Scan# 375
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion:146 Resp: 512180
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.4 77.0
 111 47.6 36.7 55.1





#15

Benzyl Alcohol

Concen: 54.12 ng

RT: 5.98 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampled :

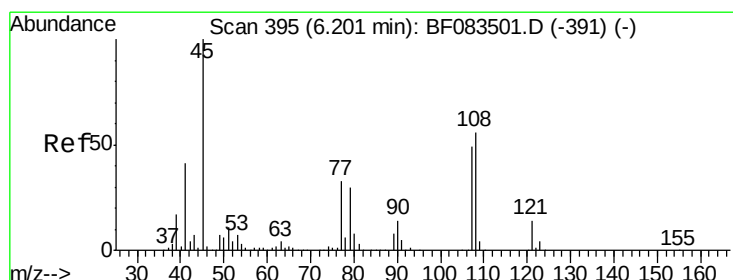
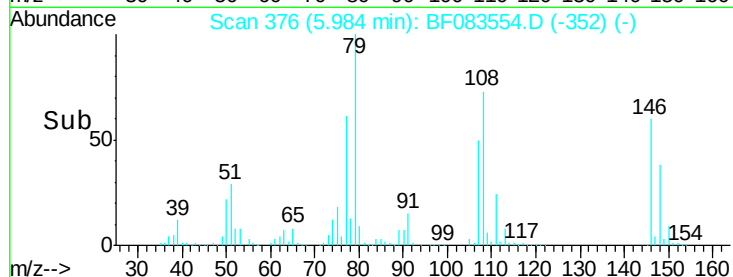
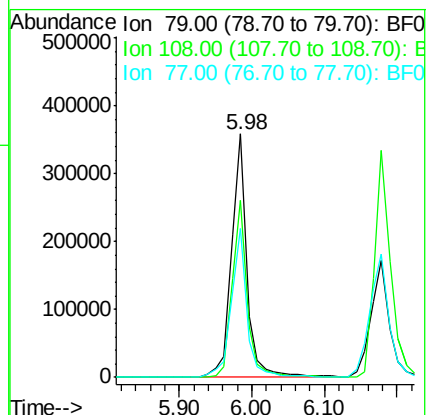
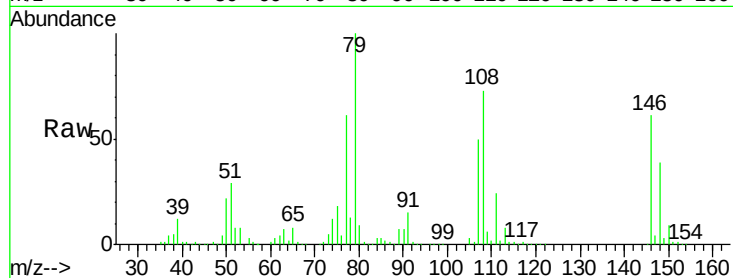
Tot Ion: 79 Resp: 532624

Ion Ratio Lower Upper

79 100

108 72.6 59.6 89.4

77 61.4 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.86 ng

RT: 6.17 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

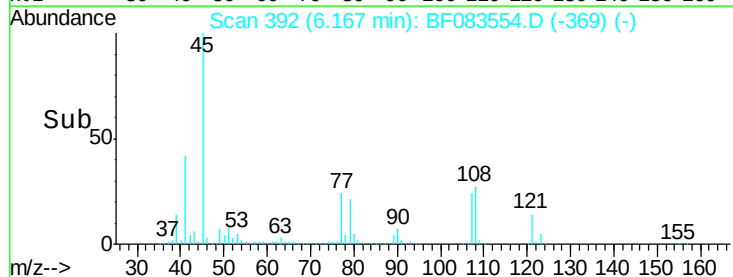
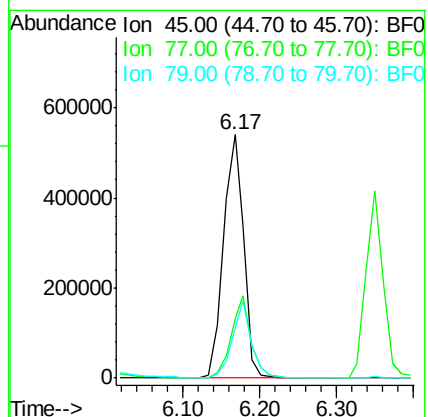
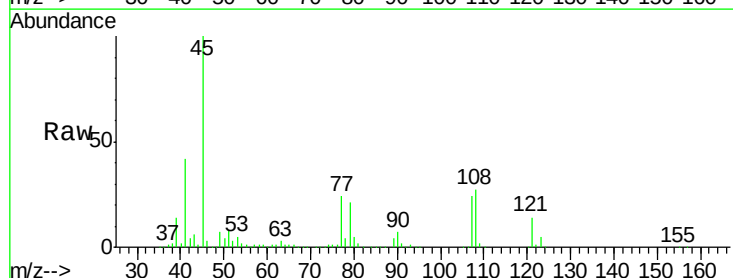
Tgt Ion: 45 Resp: 999774

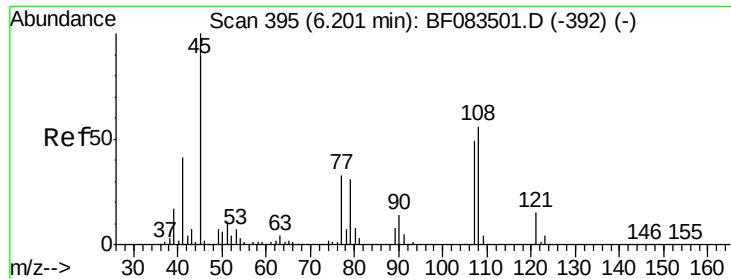
Ion Ratio Lower Upper

45 100

77 24.3 12.8 52.8

79 20.8 10.7 50.7

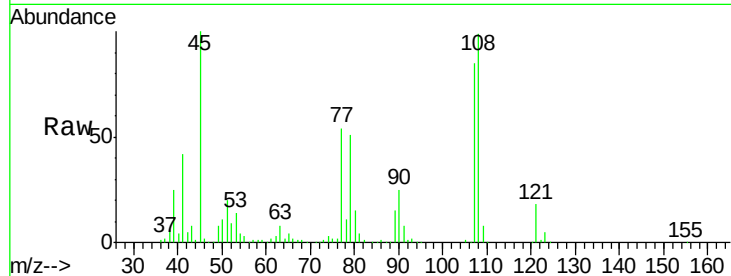




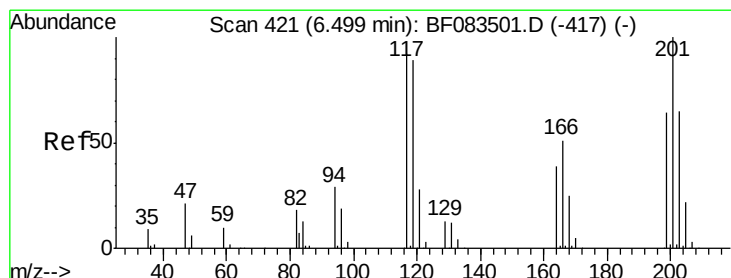
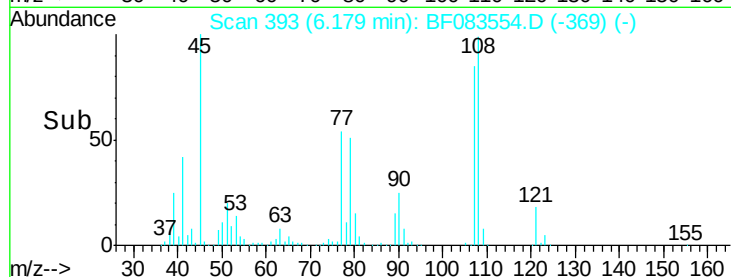
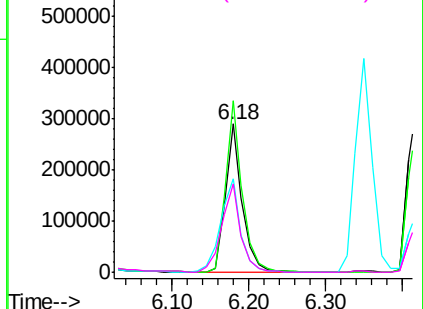
#17
2-Methylphenol
Concen: 47.16 ng
RT: 6.18 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	445705
Ion	Ratio	Lower	Upper
107	100		
108	115.7	91.6	137.4
77	62.8	53.7	80.5
79	59.6	50.2	75.4

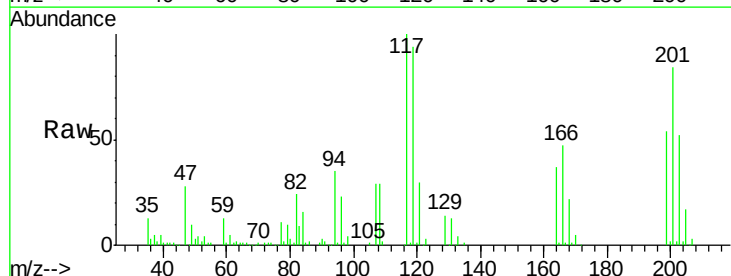


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

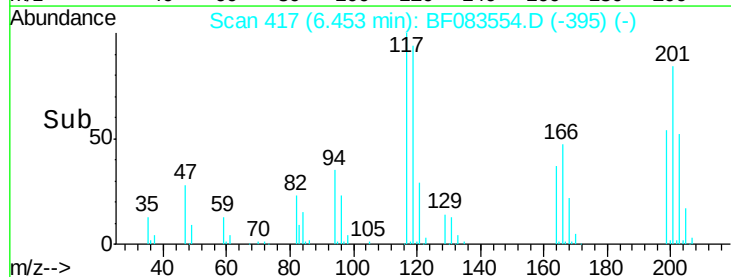
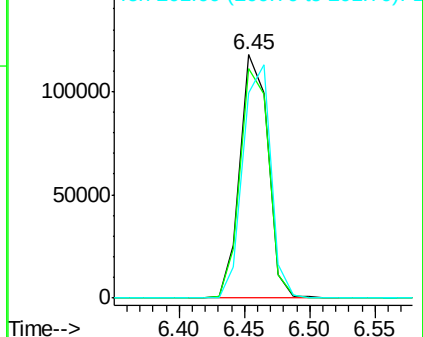


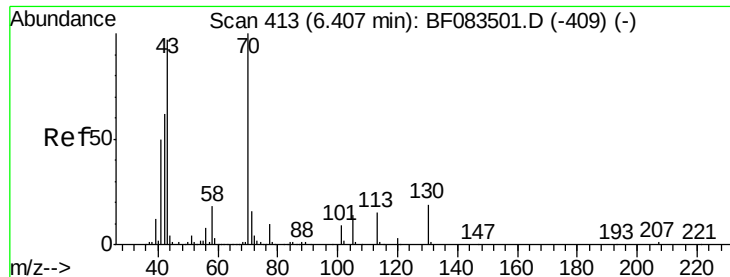
#18
Hexachloroethane
Concen: 38.98 ng
RT: 6.45 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion:	117	Resp:	176399
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.2	115.8
201	84.5	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

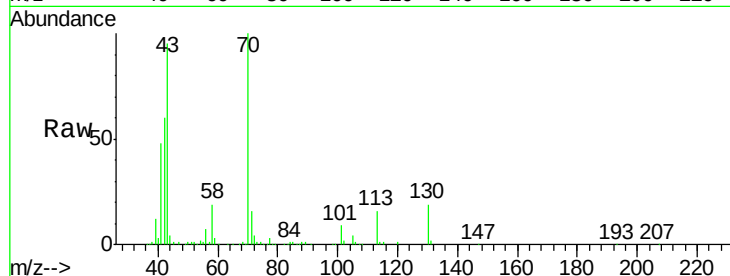




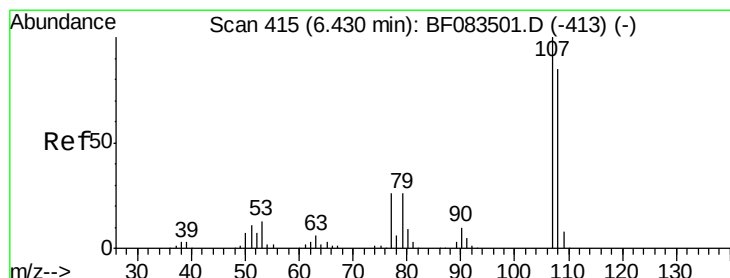
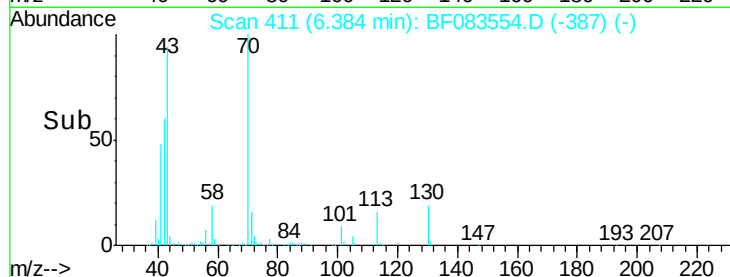
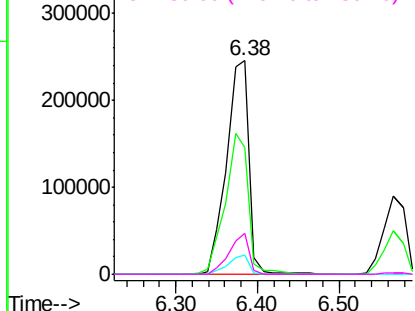
#19
n-Nitroso-di-n-propylamine
Concen: 49.71 ng
RT: 6.38 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 470484
Ion Ratio Lower Upper
70 100
42 59.6 49.2 73.8
101 8.9 7.1 10.7
130 19.4 15.4 23.0

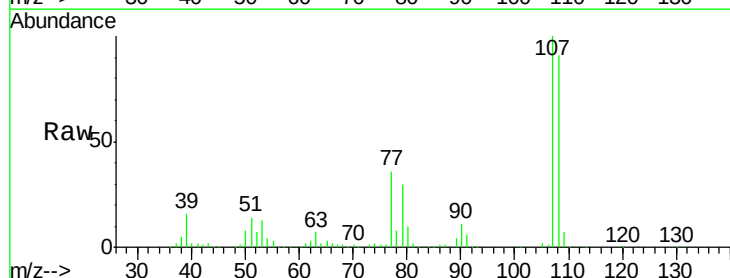


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

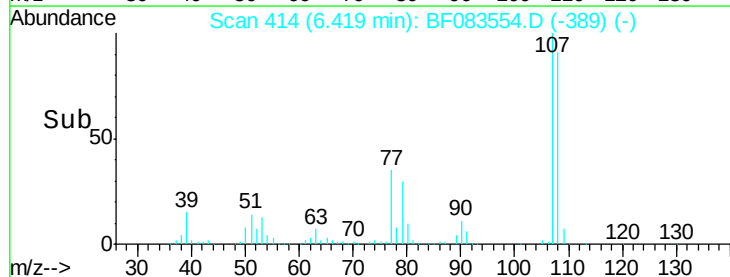
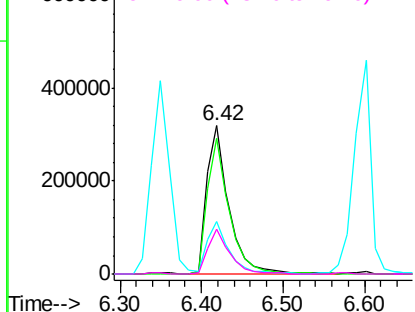


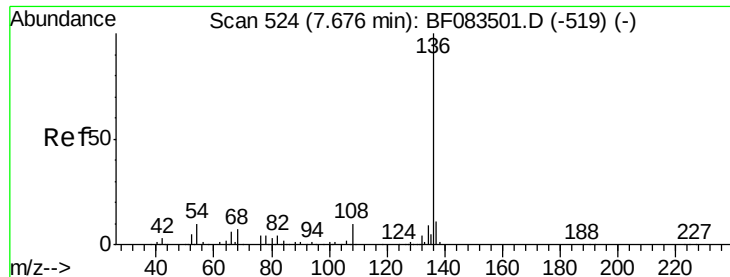
#20
3+4-Methylphenols
Concen: 49.02 ng
RT: 6.42 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion: 107 Resp: 601767
Ion Ratio Lower Upper
107 100
108 91.3 65.2 105.2
77 35.5 15.2 55.2
79 30.4 6.0 46.0



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 521

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 585444

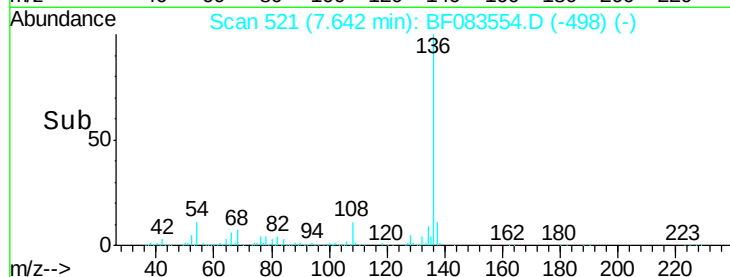
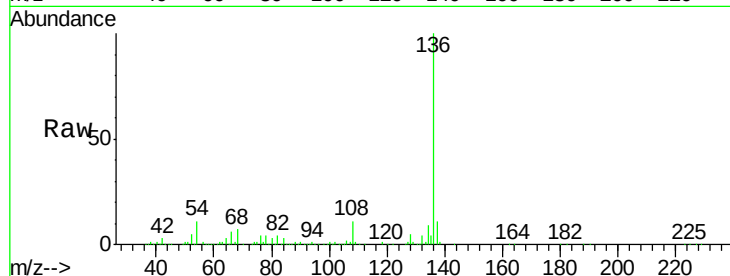
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.5 7.8 11.6

68 7.3 5.7 8.5

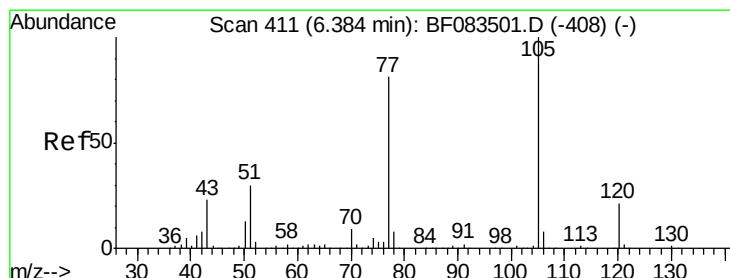
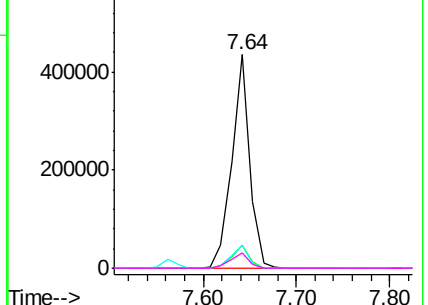


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 46.11 ng

RT: 6.35 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Tgt Ion:105 Resp: 777618

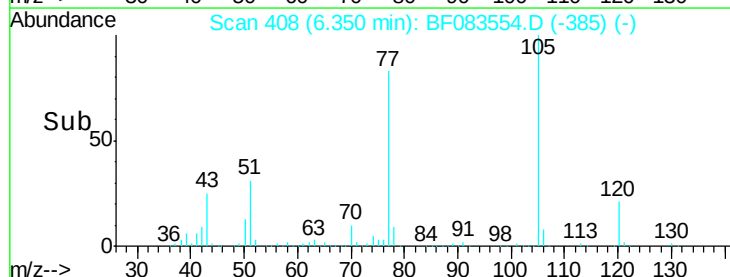
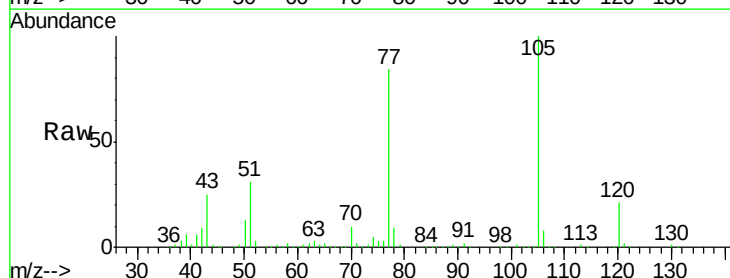
Ion Ratio Lower Upper

105 100

71 1.8 1.3 1.9

51 30.9 23.8 35.8

120 20.6 16.7 25.1

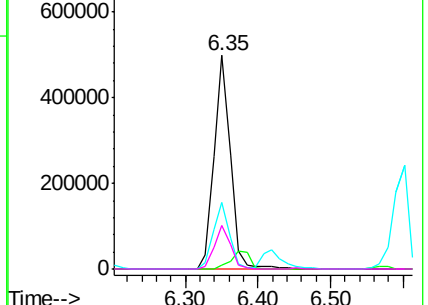


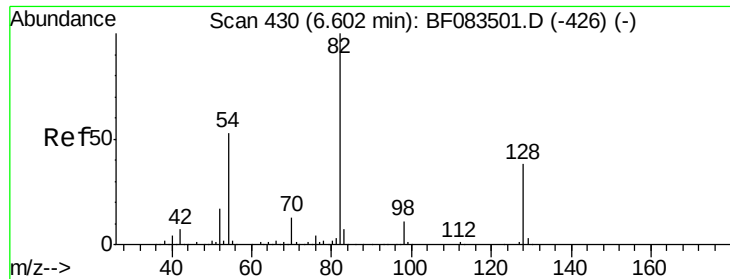
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

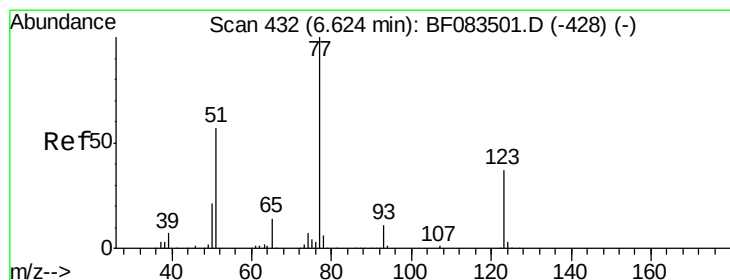
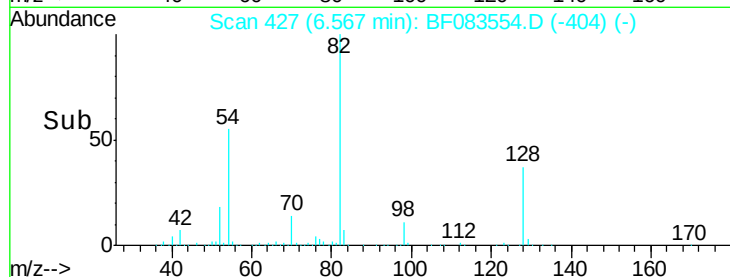
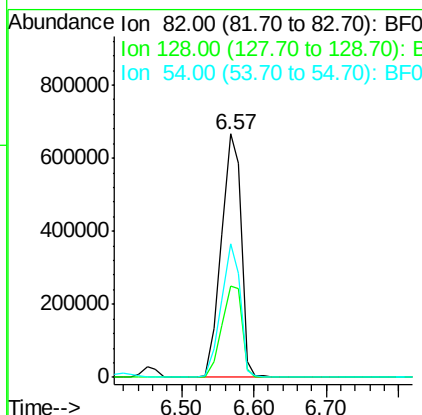
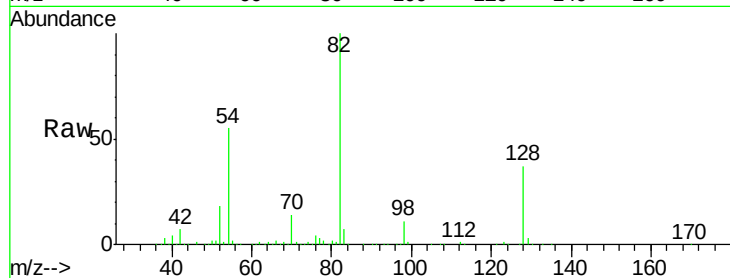




#23
 Nitrobenzene-d5
 Concen: 100.98 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

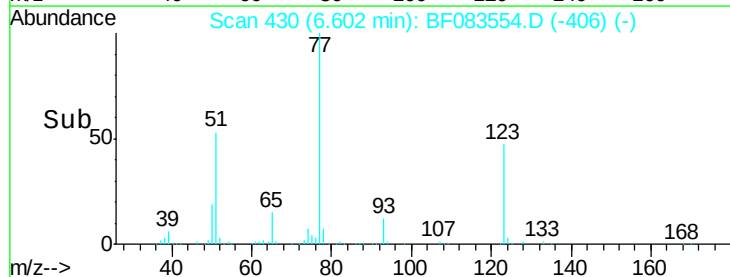
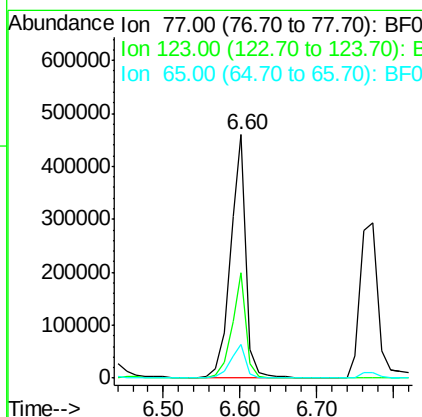
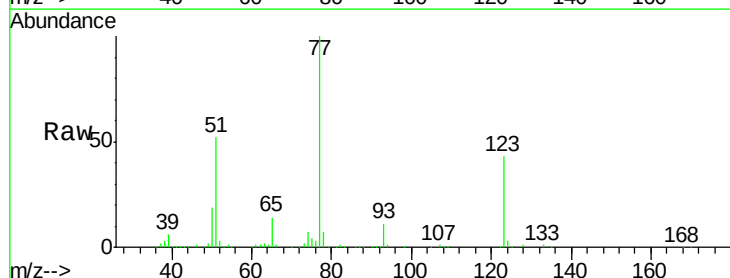
Instrument :
 BNA_F
 ClientSampled :

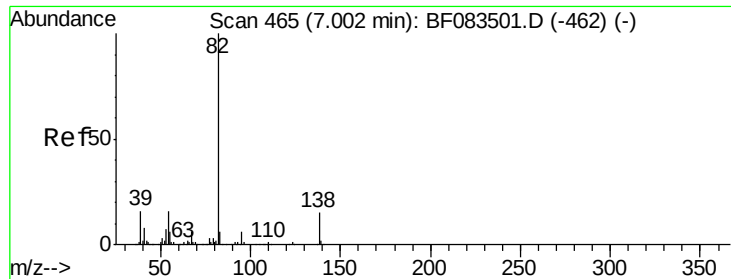
Tot Ion: 82 Resp: 1264756
 Ion Ratio Lower Upper
 82 100
 128 37.4 30.7 46.1
 54 54.6 42.5 63.7



#24
 Nitrobenzene
 Concen: 46.75 ng
 RT: 6.60 min Scan# 430
 Delta R.T. -0.02 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion: 77 Resp: 644830
 Ion Ratio Lower Upper
 77 100
 123 43.2 29.8 44.6
 65 13.8 11.1 16.7

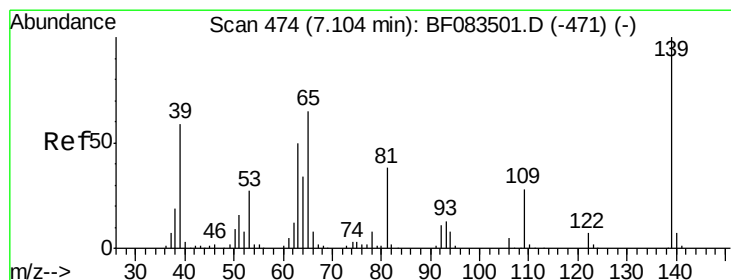
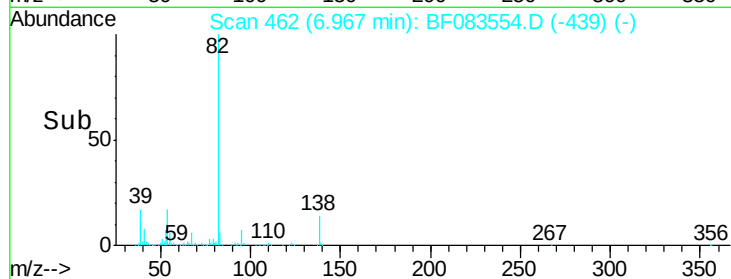
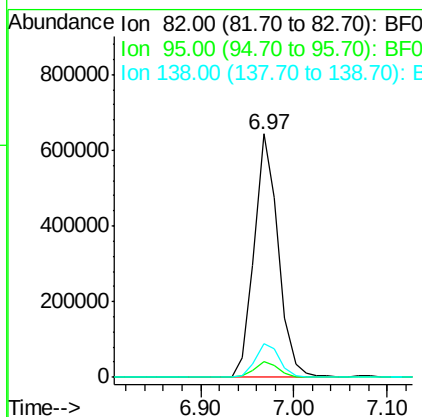
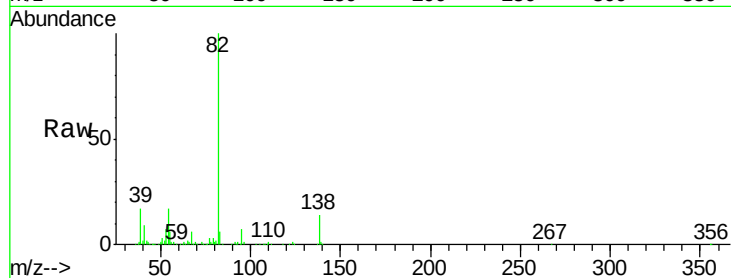




#25
Isophorone
Concen: 47.88 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

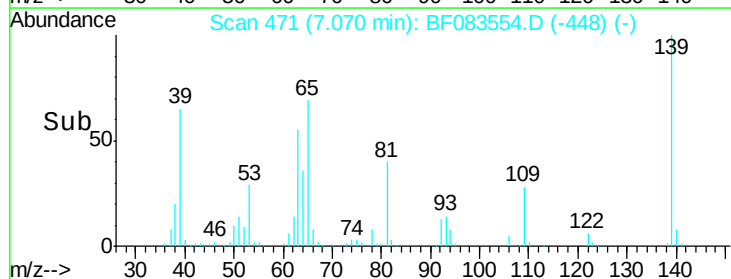
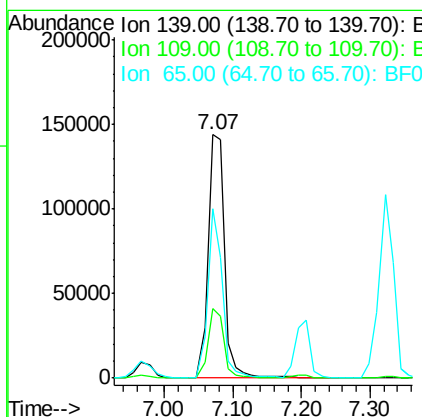
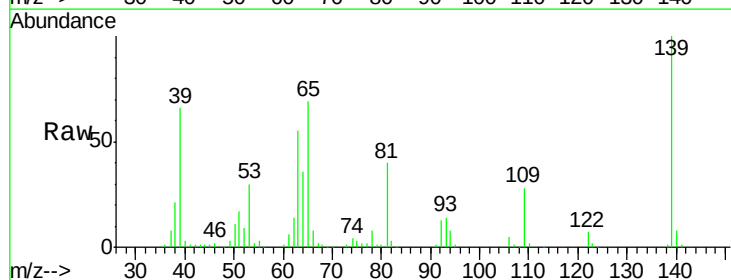
Instrument :
BNA_F
ClientSampleId :

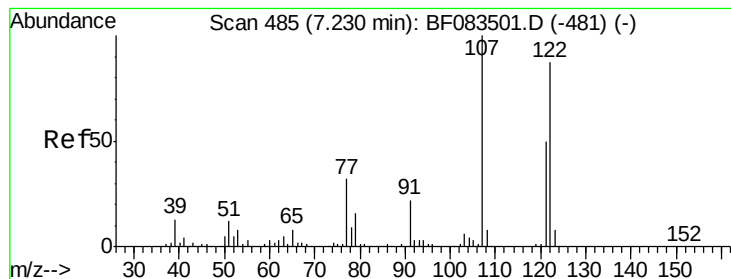
Tot Ion: 82 Resp: 1151547
Ion Ratio Lower Upper
82 100
95 6.5 5.0 7.4
138 13.8 12.1 18.1



#26
2-Nitrophenol
Concen: 44.42 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion:139 Resp: 241791
Ion Ratio Lower Upper
139 100
109 28.4 22.7 34.1
65 69.4 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 48.64 ng

RT: 7.21 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampled :

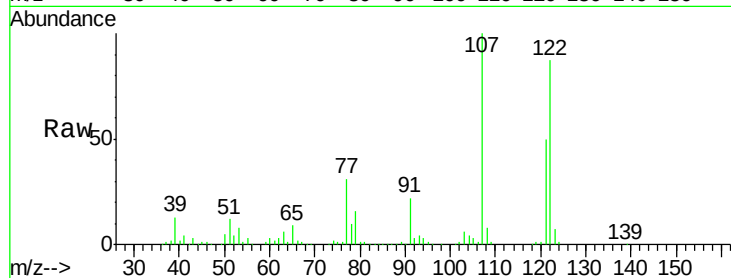
Tot Ion:122 Resp: 467805

Ion Ratio Lower Upper

122 100

107 115.5 92.4 138.6

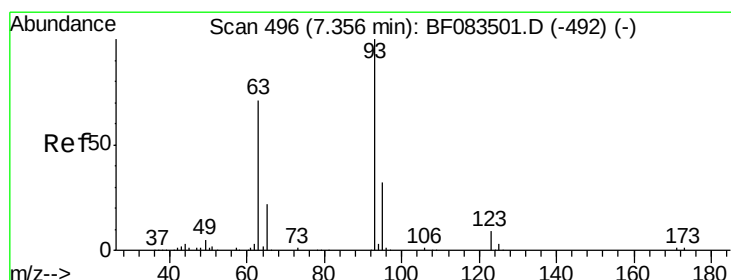
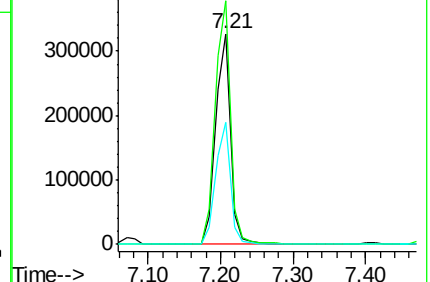
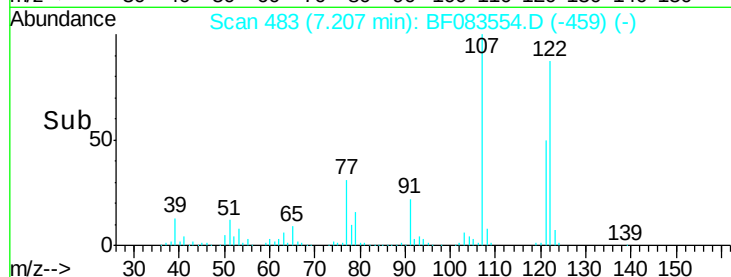
121 58.1 45.8 68.6



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: 51.97 ng

RT: 7.32 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

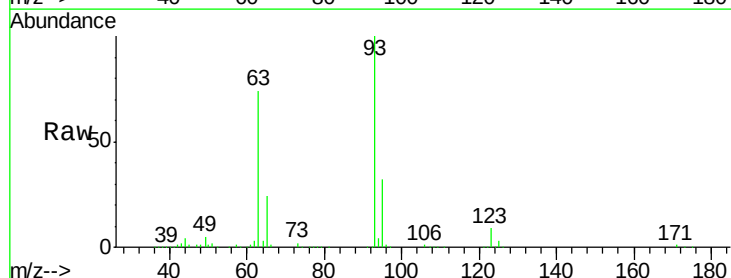
Tgt Ion: 93 Resp: 696558

Ion Ratio Lower Upper

93 100

95 32.2 25.6 38.4

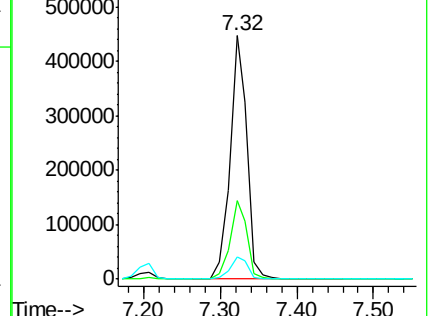
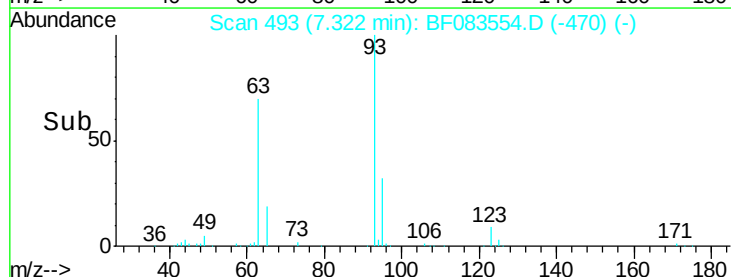
123 9.0 7.3 10.9

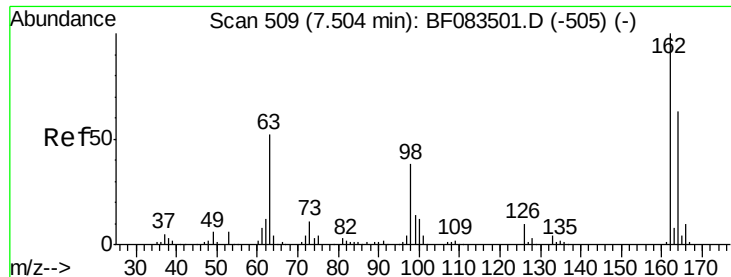


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

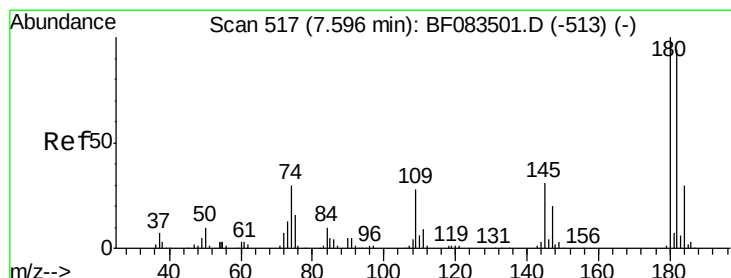
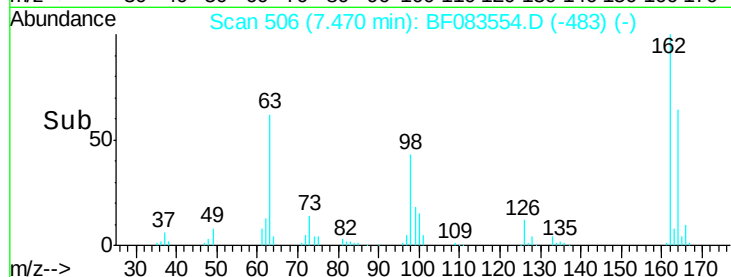
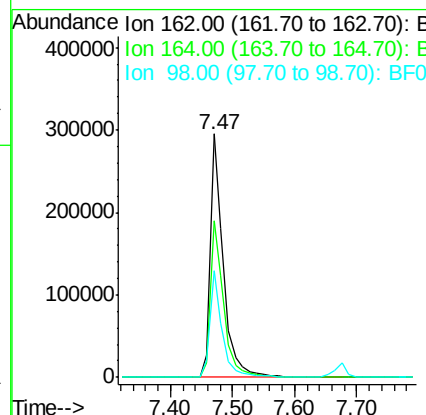
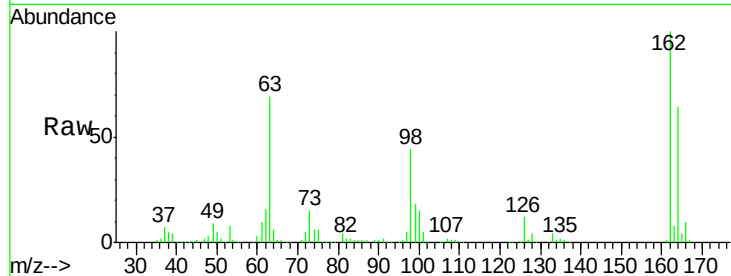




#29
 2,4-Dichlorophenol
 Concen: 49.21 ng
 RT: 7.47 min Scan# 506
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

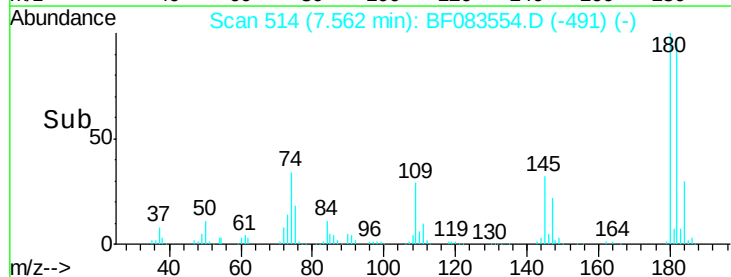
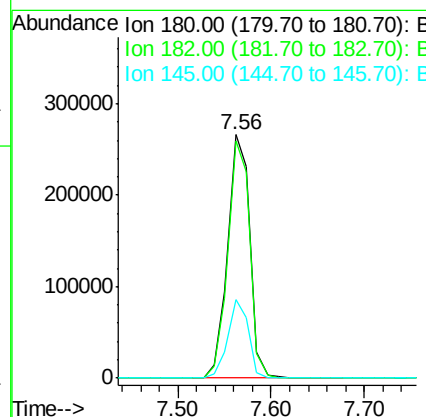
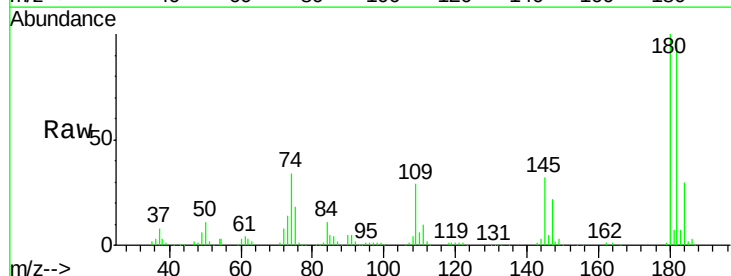
Instrument :
 BNA_F
 ClientSampled :

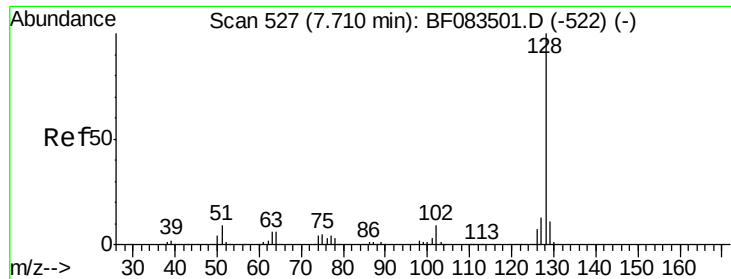
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.4	83.4
98	43.6	17.5	57.5



#30
 1,2,4-Trichlorobenzene
 Concen: 45.70 ng
 RT: 7.56 min Scan# 514
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	74.9	112.3
145	32.2	24.7	37.1

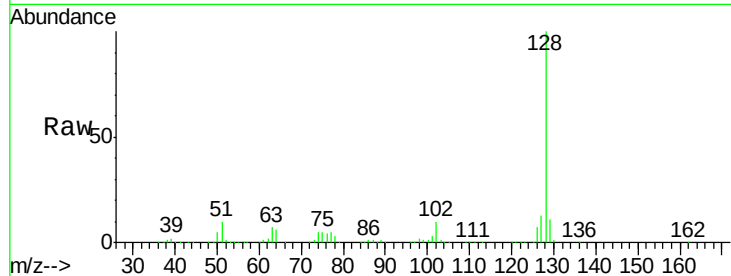




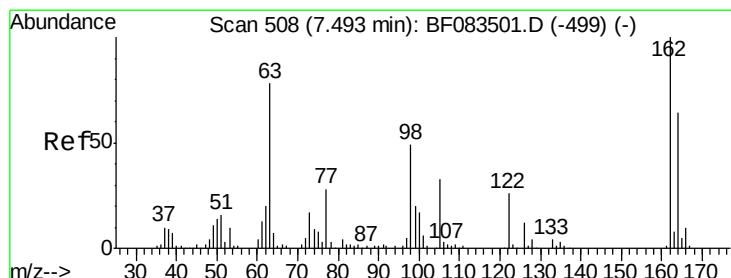
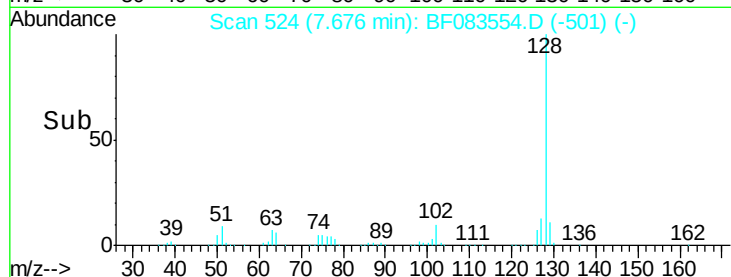
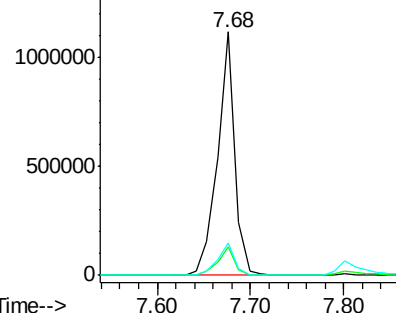
#31
Naphthalene
Concen: 46.31 ng
RT: 7.68 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1443152
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.2 10.6 16.0

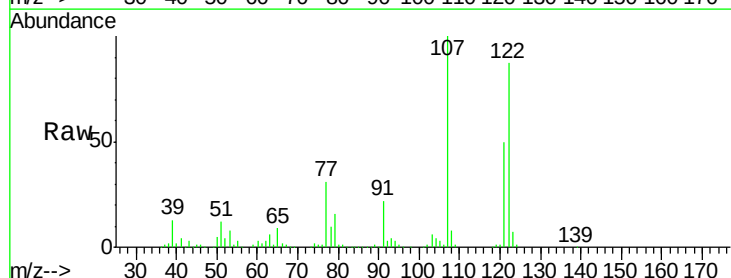


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

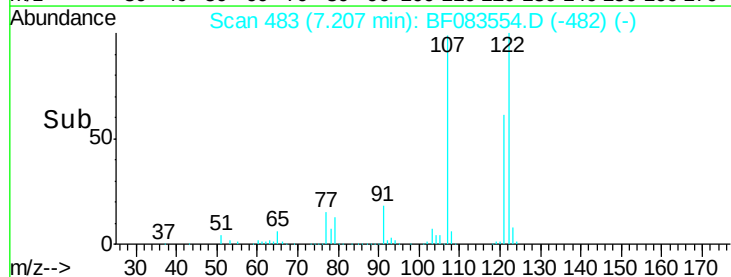
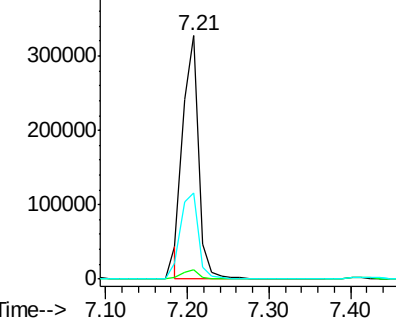


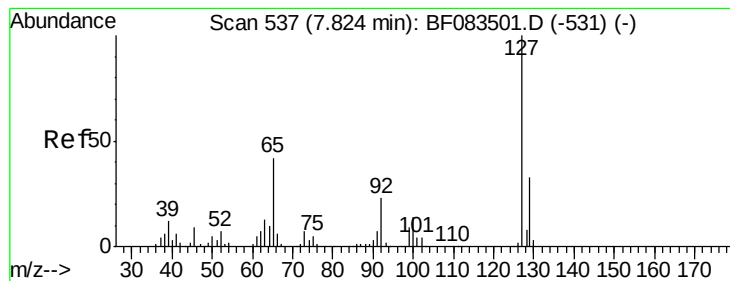
#32
Benzoic acid
Concen: 75.29 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.29 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion:122 Resp: 438211
Ion Ratio Lower Upper
122 100
105 3.9 105.6 145.6#
77 35.6 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: 11.32 ng

RT: 7.80 min Scan# 535

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 137978

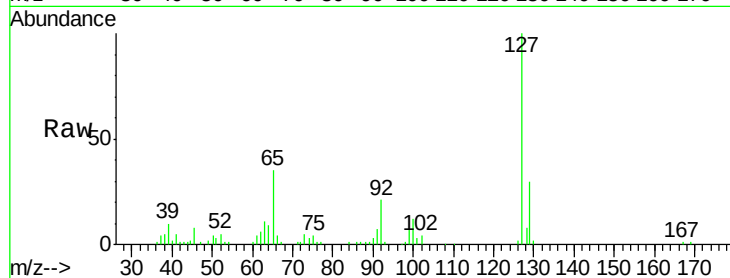
Ion Ratio Lower Upper

127 100

129 29.9 26.1 39.1

65 35.0 33.5 50.3

92 21.0 18.6 28.0

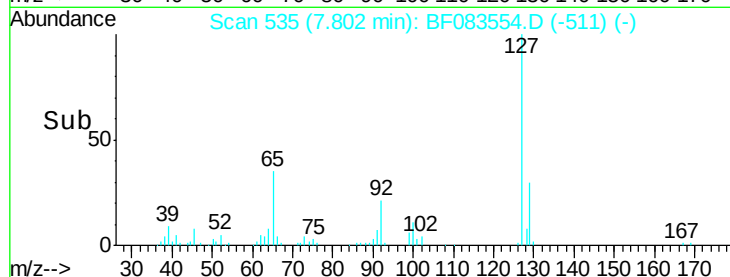


Abundance Ion 127.00 (126.70 to 127.70): E

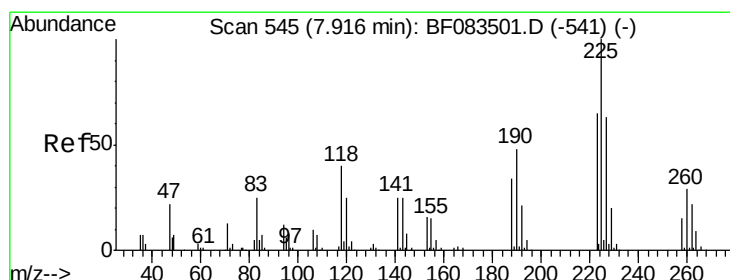
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 44.90 ng

RT: 7.88 min Scan# 542

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

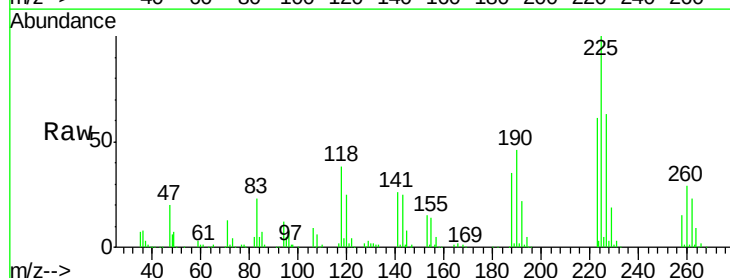
Tgt Ion:225 Resp: 254720

Ion Ratio Lower Upper

225 100

223 61.0 52.3 78.5

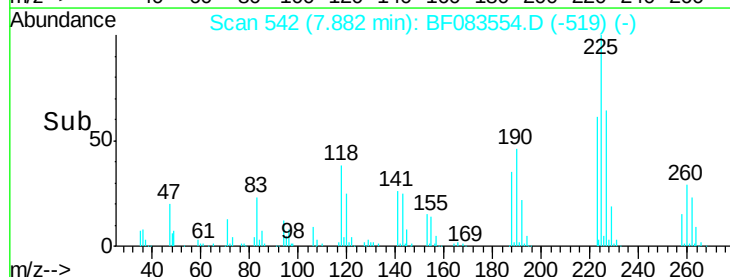
227 63.4 50.4 75.6



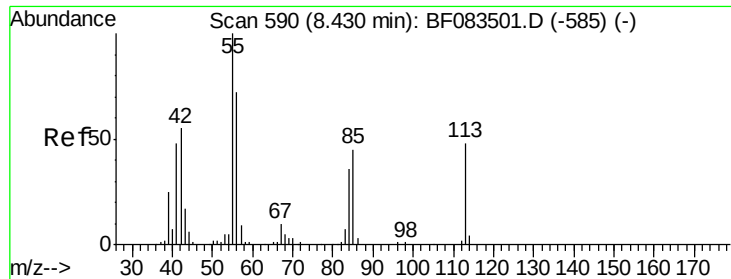
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#35

Caprolactam

Concen: 42.84 ng

RT: 8.41 min Scan# 588

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampleId :

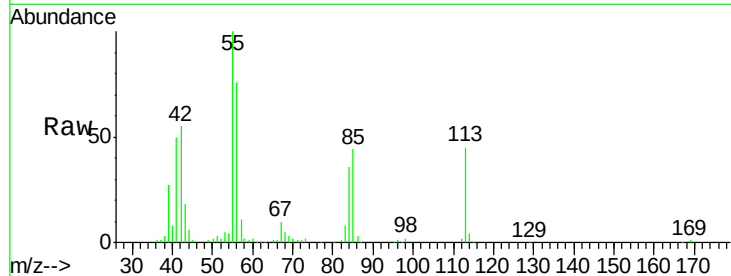
Tot Ion:113 Resp: 118344

Ion Ratio Lower Upper

113 100

55 223.7 189.7 229.7

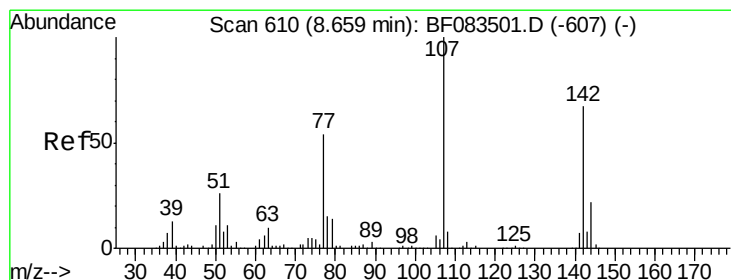
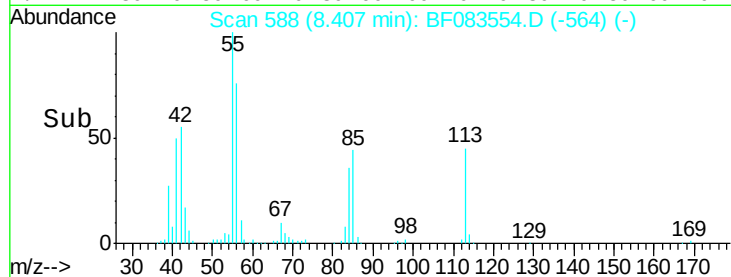
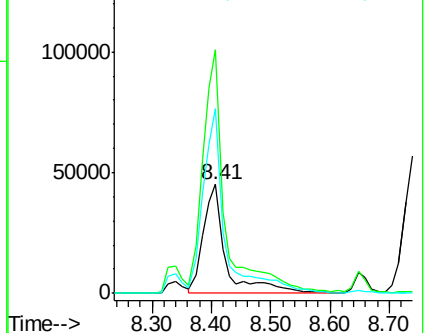
56 169.3 130.7 170.7



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: 47.36 ng

RT: 8.65 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

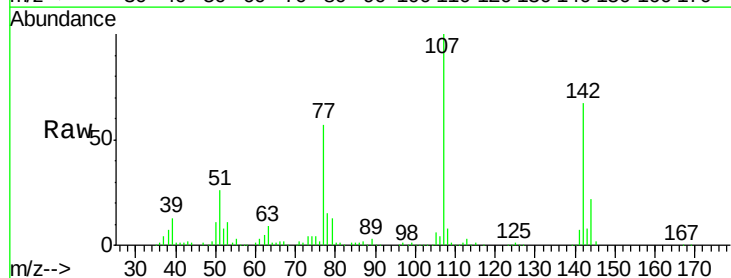
Tgt Ion:107 Resp: 462855

Ion Ratio Lower Upper

107 100

144 22.1 17.5 26.3

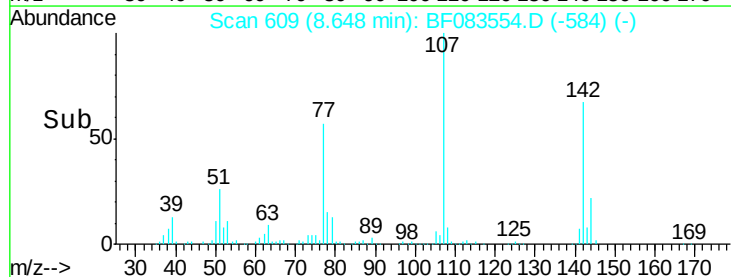
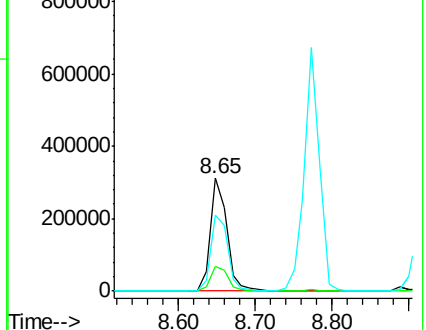
142 67.2 53.6 80.4

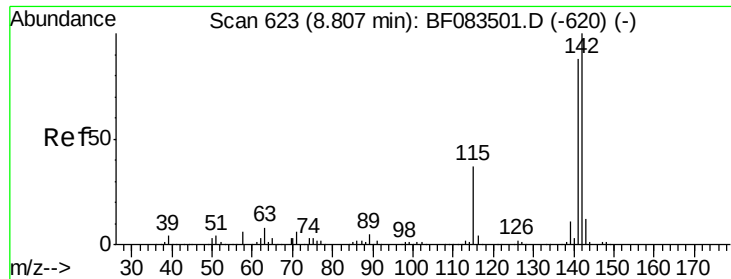


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

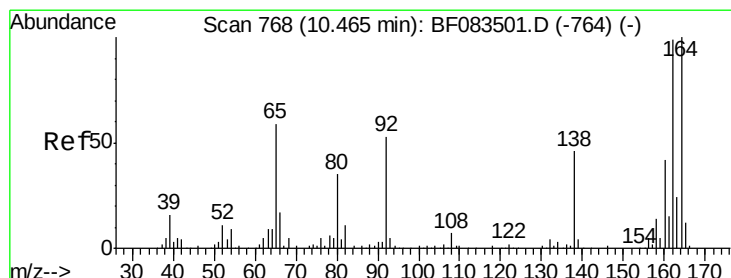
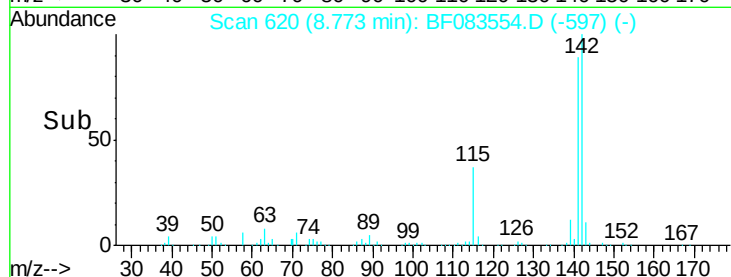
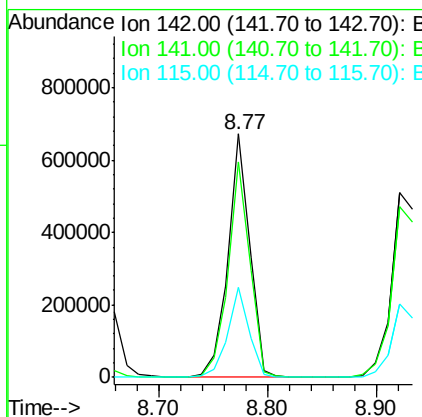
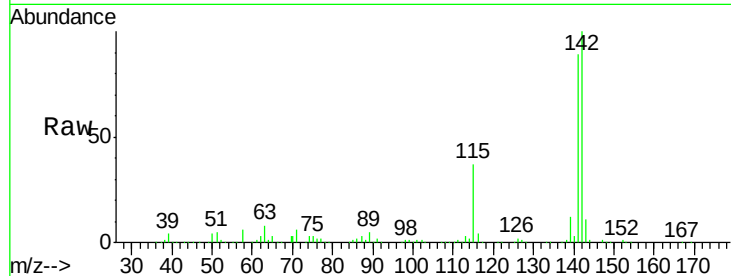




#37
2-Methylnaphthalene
Concen: 48.08 ng
RT: 8.77 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

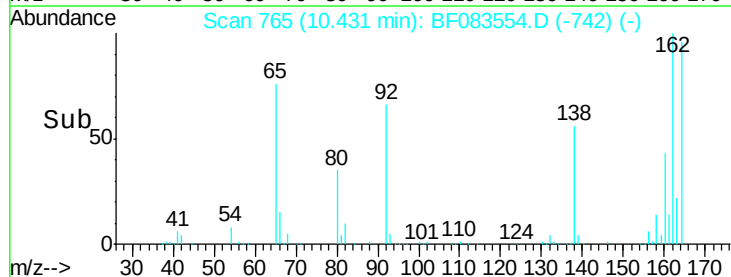
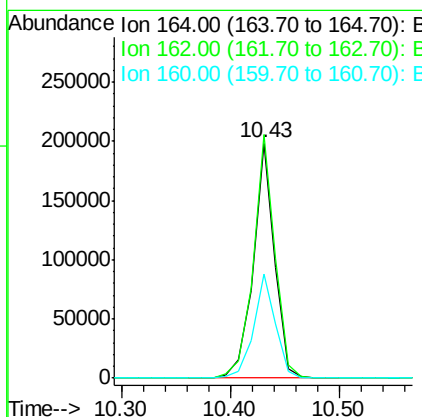
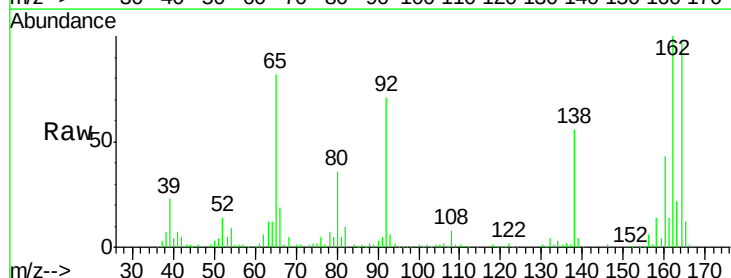
Instrument :
BNA_F
ClientSampled :

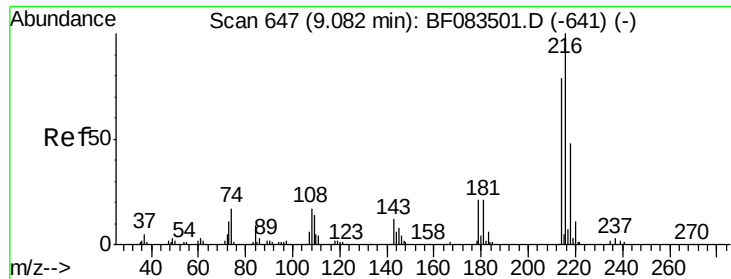
Tot Ion:142 Resp: 926413
Ion Ratio Lower Upper
142 100
141 88.7 70.3 105.5
115 37.2 29.2 43.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.43 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion:164 Resp: 270102
Ion Ratio Lower Upper
164 100
162 103.6 78.8 118.2
160 44.1 33.4 50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.29 ng

RT: 9.05 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 411122

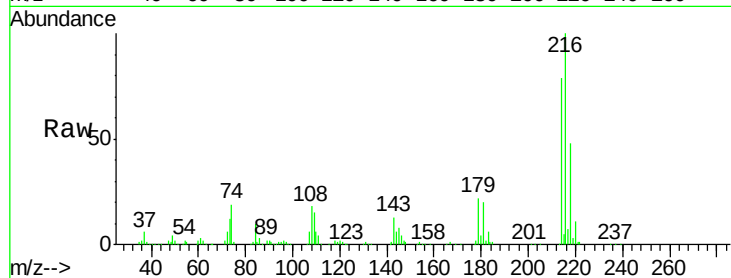
Ion Ratio Lower Upper

216 100

214 79.3 0.0 0.0#

179 21.7 0.0 0.0#

108 19.3 0.0 0.0#

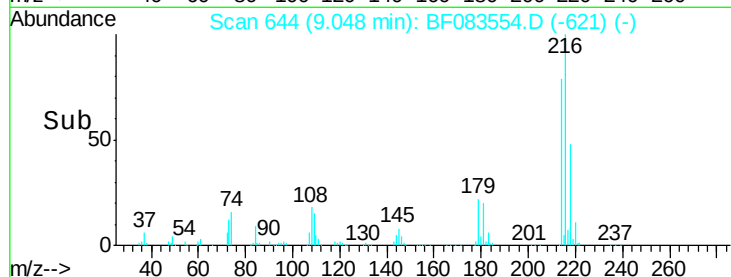


Abundance Ion 216.00 (215.70 to 216.70): E

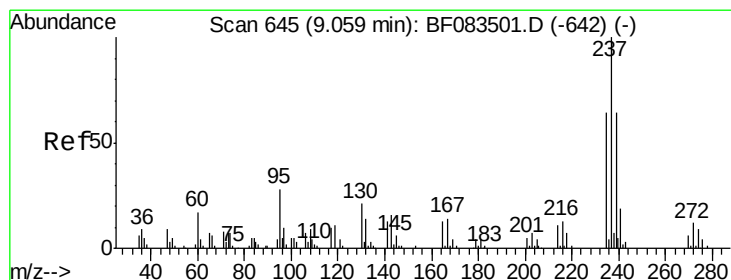
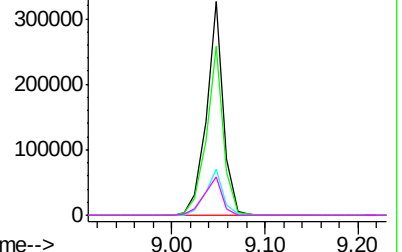
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 17.37 ng

RT: 9.02 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

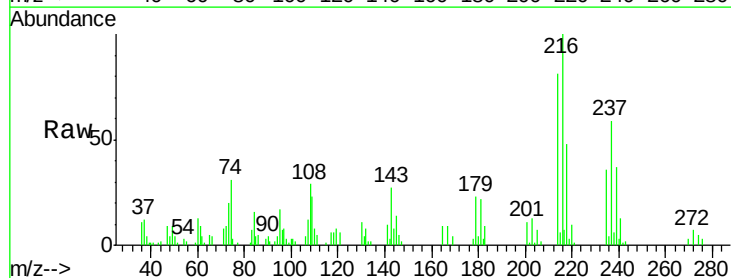
Tgt Ion:237 Resp: 28018

Ion Ratio Lower Upper

237 100

235 61.5 43.9 83.9

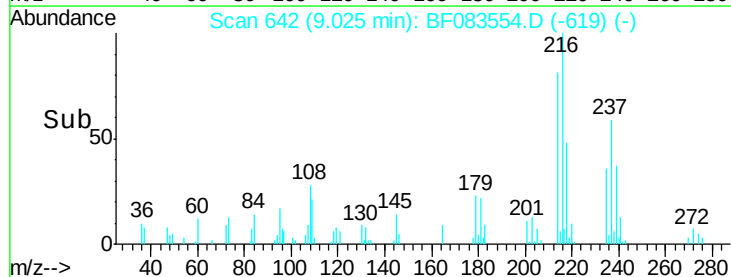
272 12.0 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

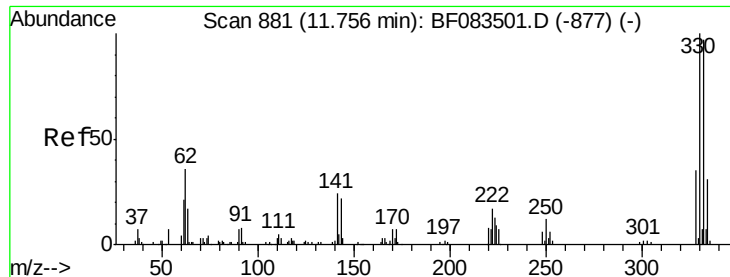
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

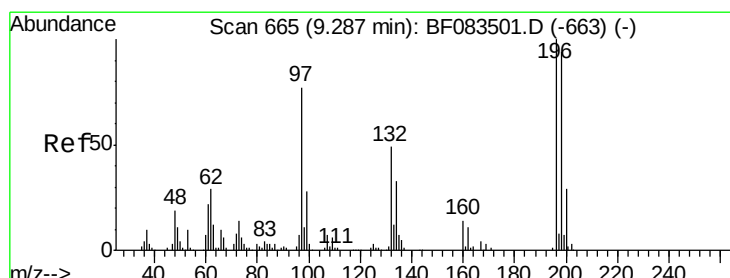
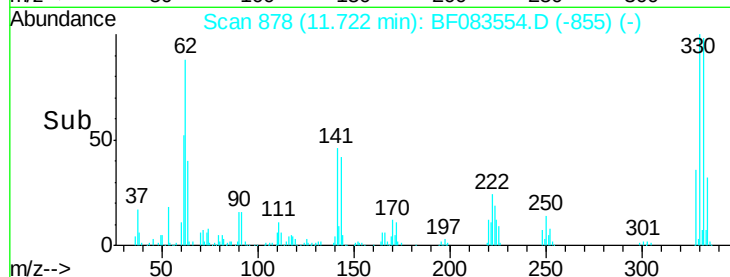
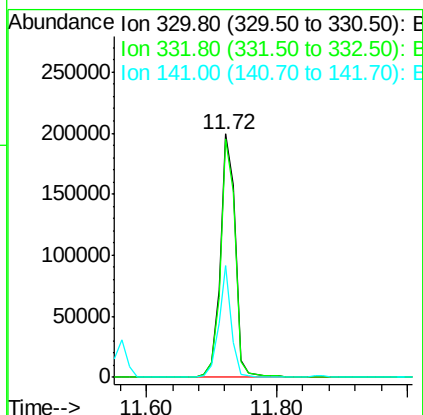
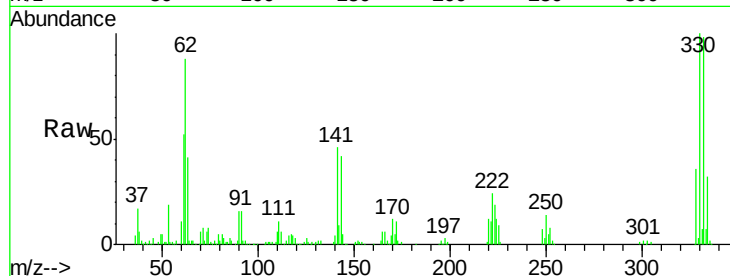




#41
 2,4,6-Tribromophenol
 Concen: 129.67 ng
 RT: 11.72 min Scan# 878
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

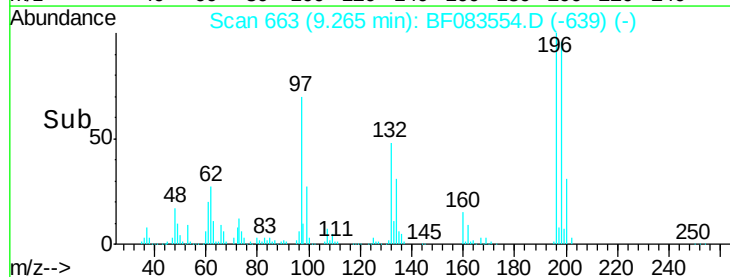
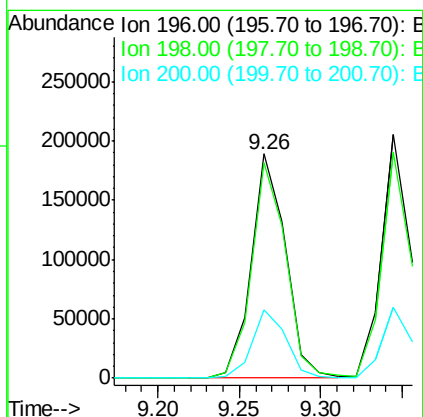
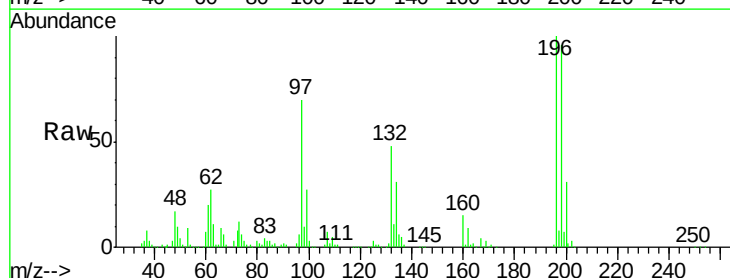
Instrument :
 BNA_F
 ClientSampleId :

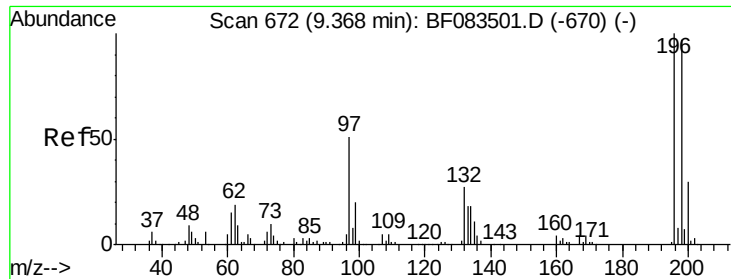
Tot Ion:330 Resp: 323084
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 38.9 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 49.51 ng
 RT: 9.26 min Scan# 663
 Delta R.T. -0.02 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion:196 Resp: 276103
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.2 112.8
 200 30.5 23.0 34.6

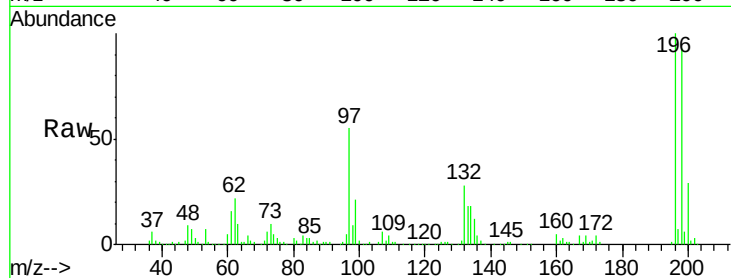




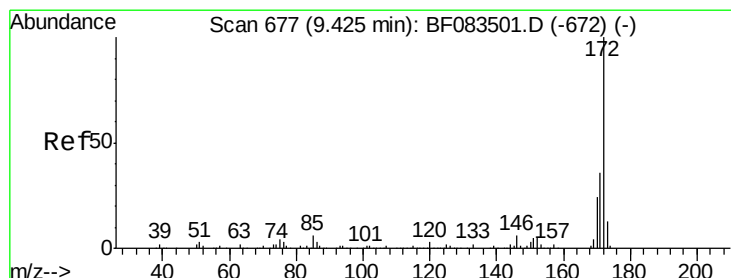
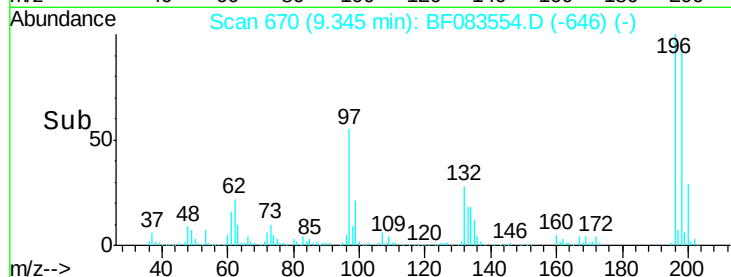
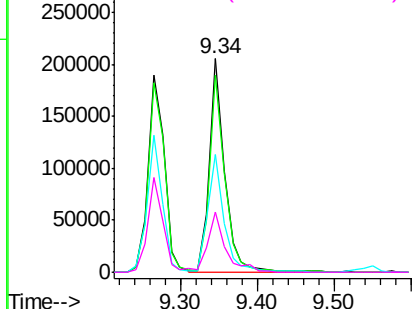
#43
 2,4,5-Trichlorophenol
 Concen: 49.13 ng
 RT: 9.34 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 282209
 Ion Ratio Lower Upper
 196 100
 198 92.6 77.7 116.5
 97 55.2 41.2 61.8
 132 28.3 21.8 32.8

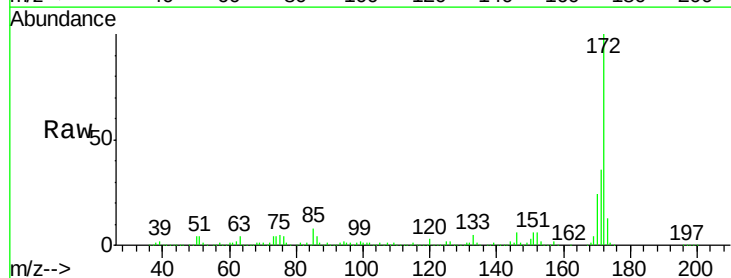


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

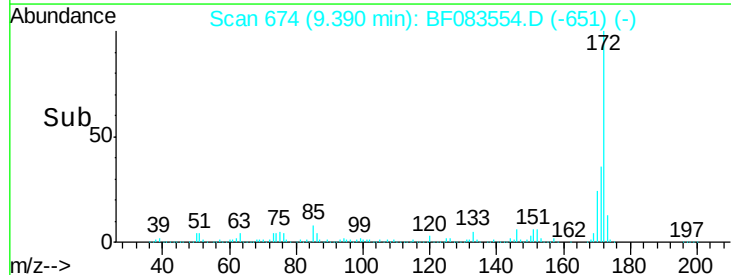
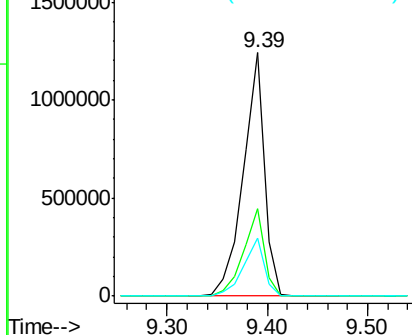


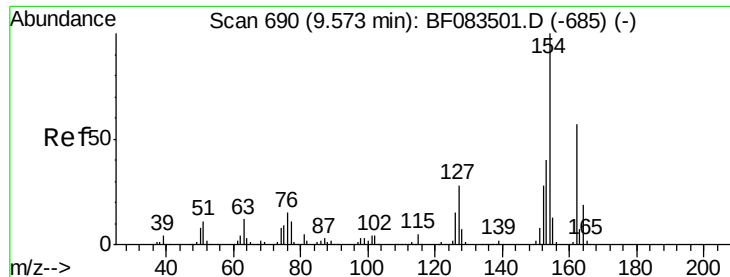
#44
 2-Fluorobiphenyl
 Concen: 91.45 ng
 RT: 9.39 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion:172 Resp: 1821127
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

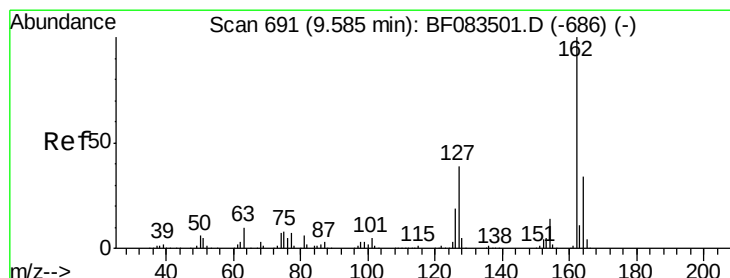
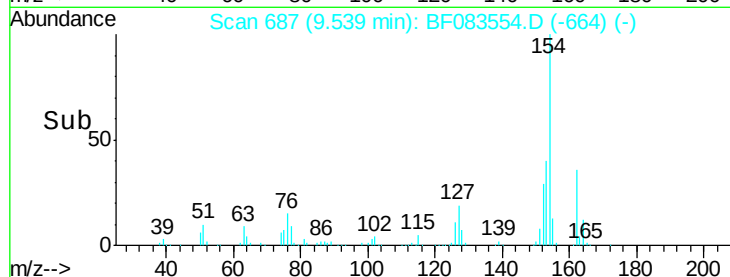
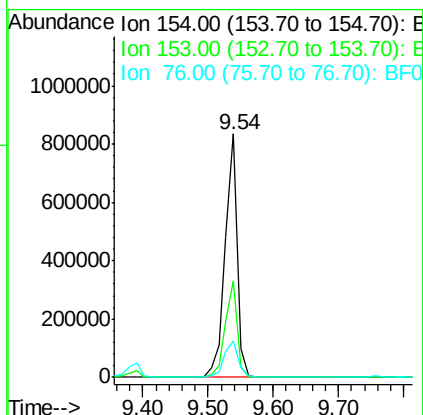
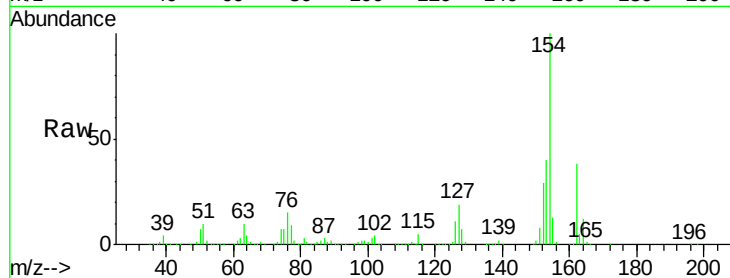




#45
 1,1'-Biphenyl
 Concen: 44.93 ng
 RT: 9.54 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

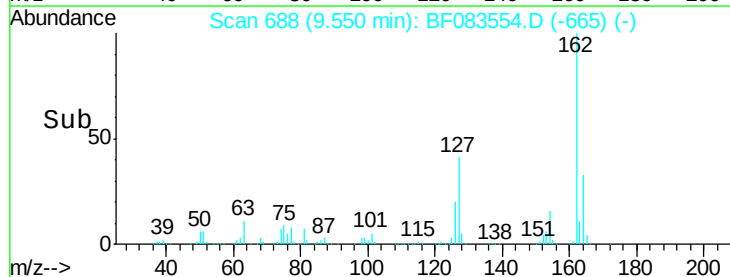
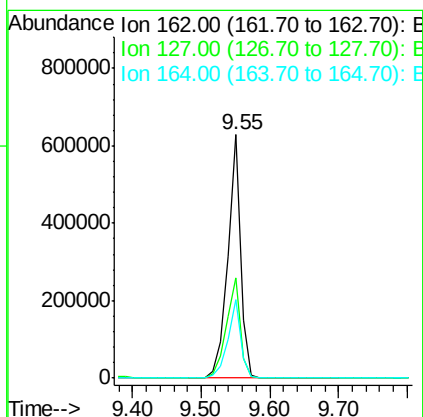
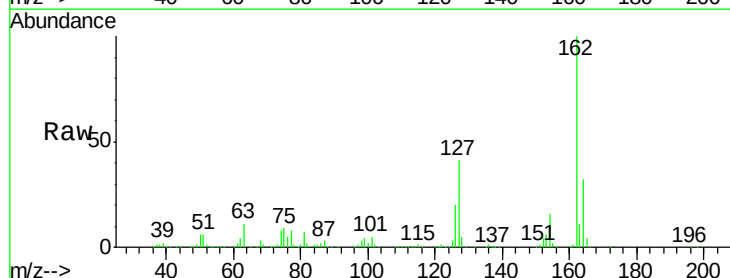
Instrument :
 BNA_F
 ClientSampleId :

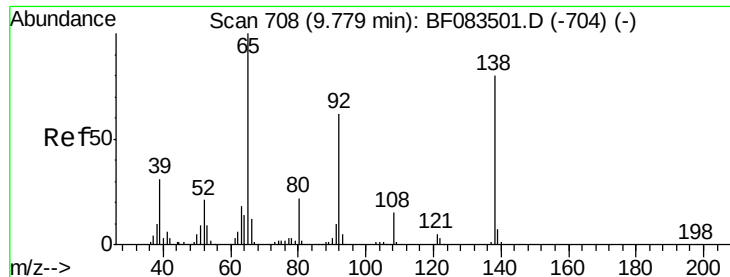
Tot Ion:154 Resp: 1078403
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.2 60.2
 76 15.1 0.0 34.8



#46
 2-Chloronaphthalene
 Concen: 46.47 ng
 RT: 9.55 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion:162 Resp: 840450
 Ion Ratio Lower Upper
 162 100
 127 41.0 31.0 46.4
 164 32.5 27.4 41.0

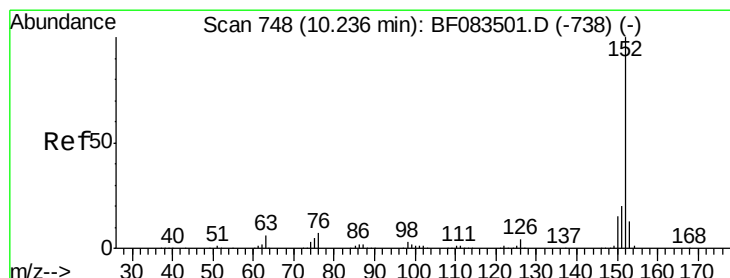
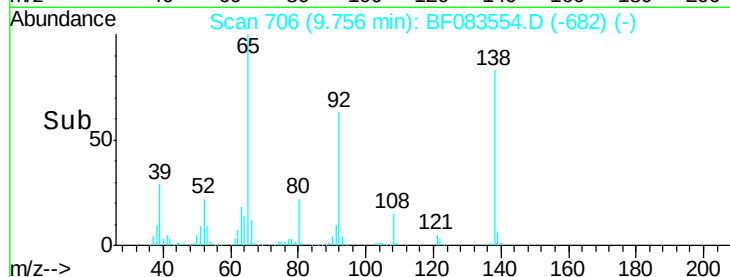
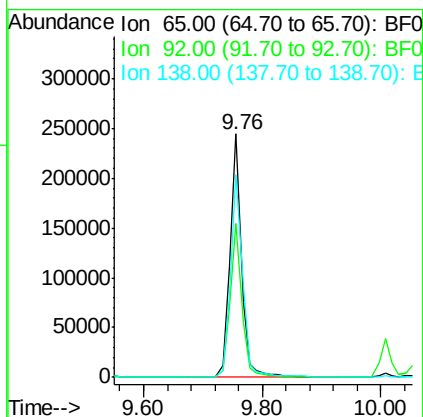
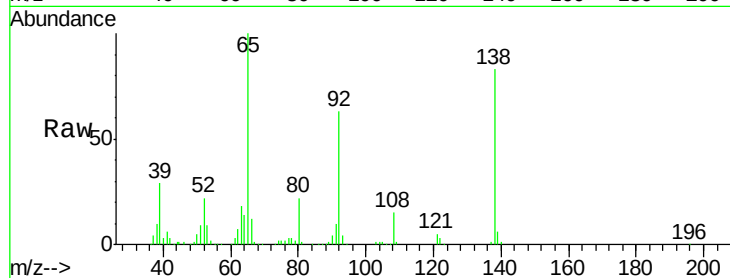




#47
2-Nitroaniline
Concen: 51.29 ng
RT: 9.76 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

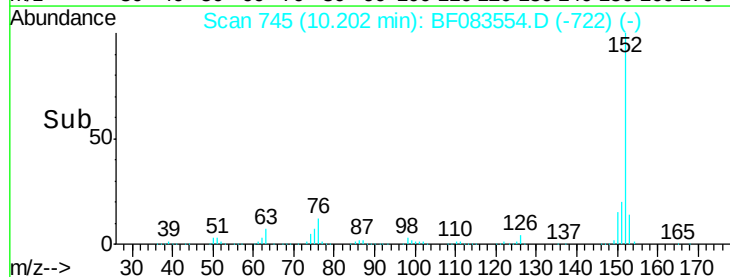
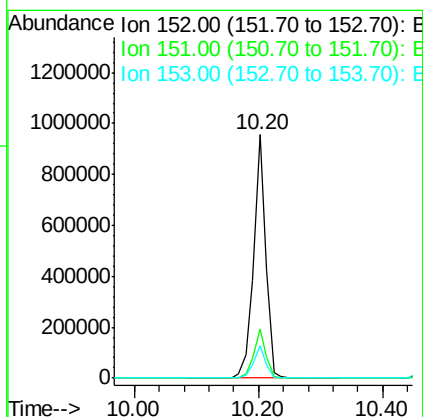
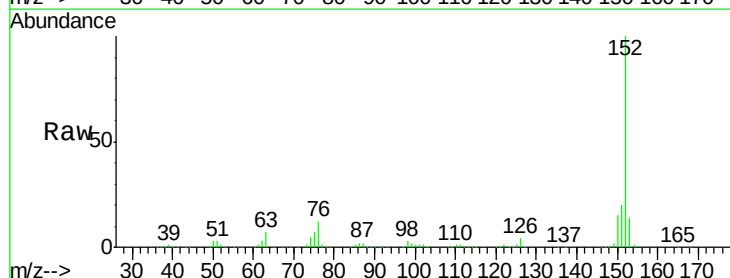
Instrument :
BNA_F
ClientSampled :

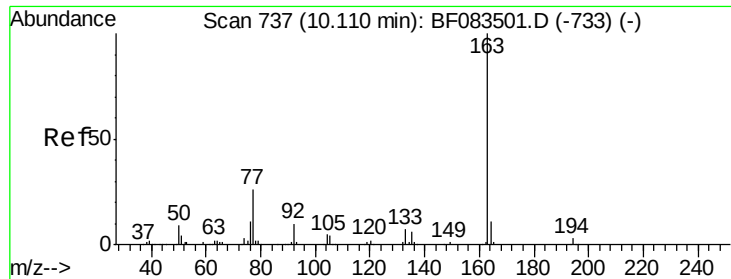
Tot Ion: 65 Resp: 330483
Ion Ratio Lower Upper
65 100
92 63.2 49.6 74.4
138 83.2 64.1 96.1



#48
Acenaphthylene
Concen: 44.46 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion: 152 Resp: 1316695
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.6 10.8 16.2

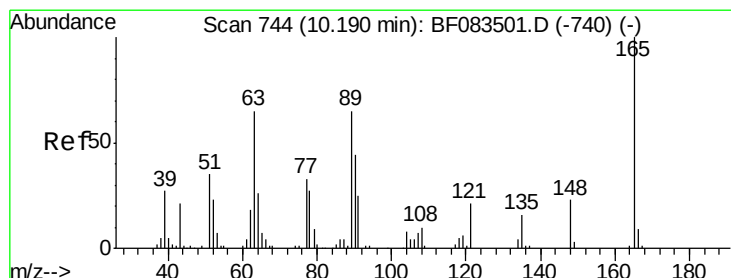
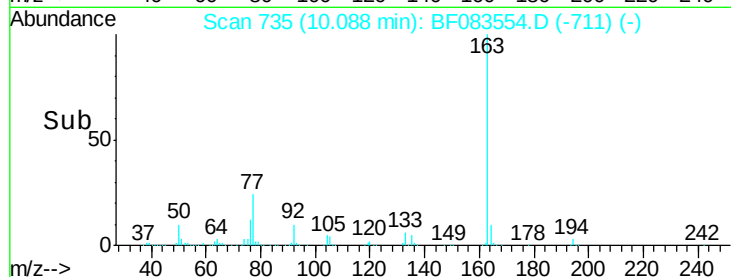
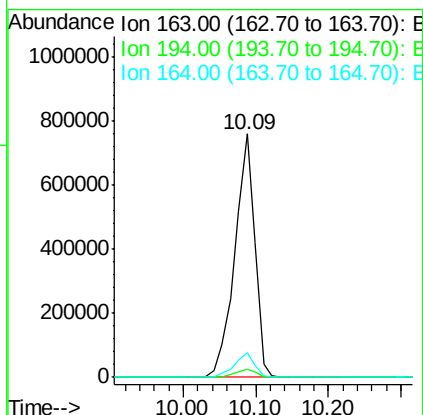
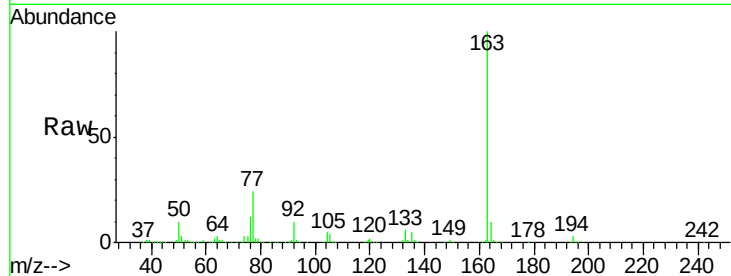




#49
Dimethylphthalate
Concen: 68.19 ng
RT: 10.09 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

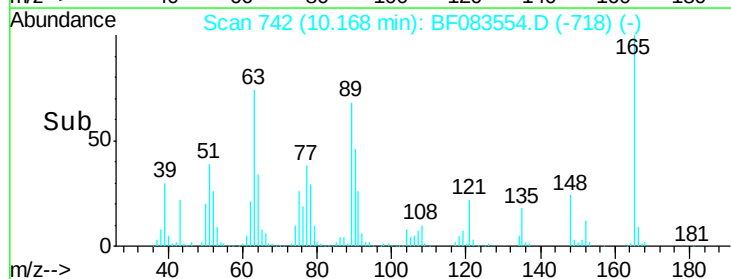
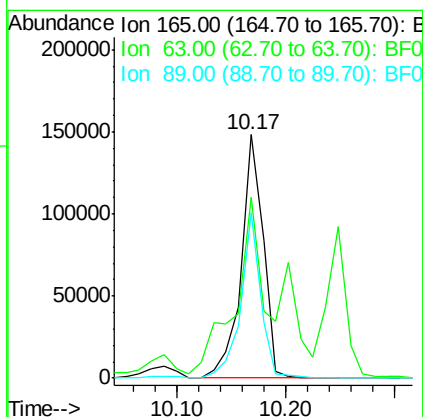
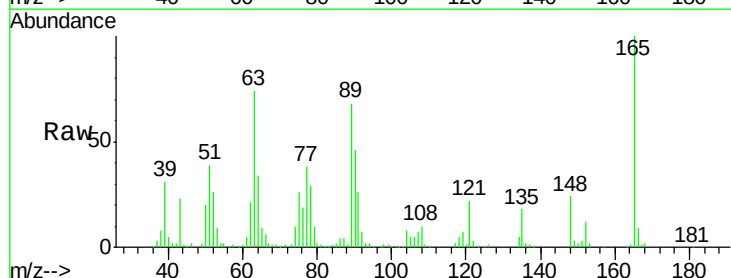
Instrument :
BNA_F
ClientSampleId :

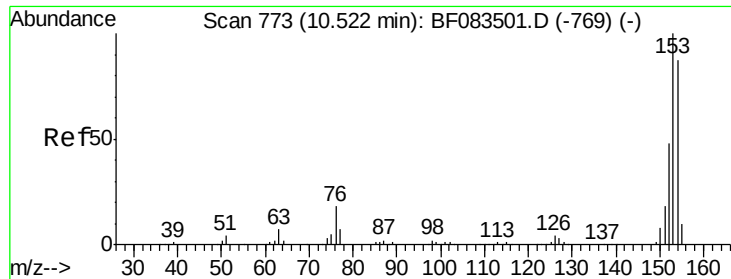
Tot Ion:163 Resp: 1449645
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.3 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 46.31 ng
RT: 10.17 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion:165 Resp: 207301
Ion Ratio Lower Upper
165 100
63 74.2 56.9 85.3
89 68.2 52.1 78.1

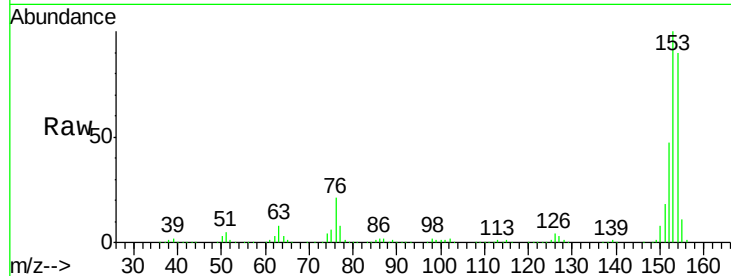




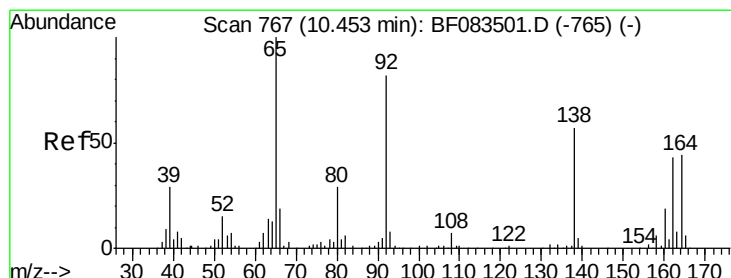
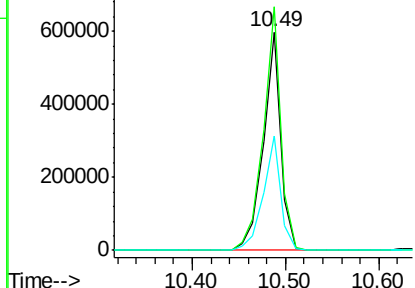
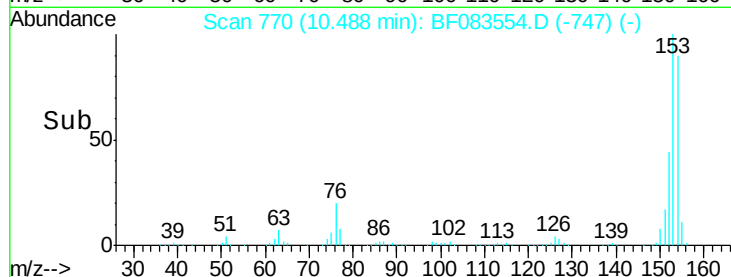
#51
Acenaphthene
Concen: 45.92 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 782634
Ion Ratio Lower Upper
154 100
153 111.7 91.4 137.0
152 52.6 43.4 65.2

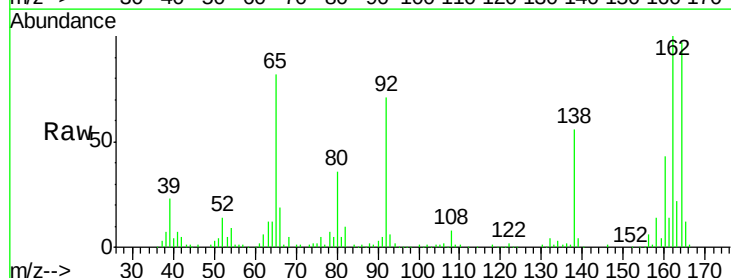


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

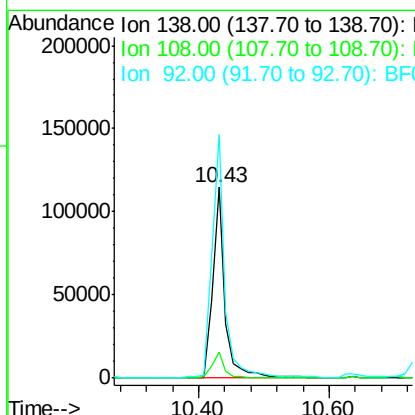
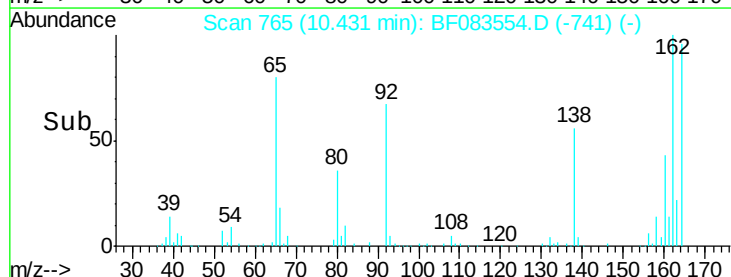


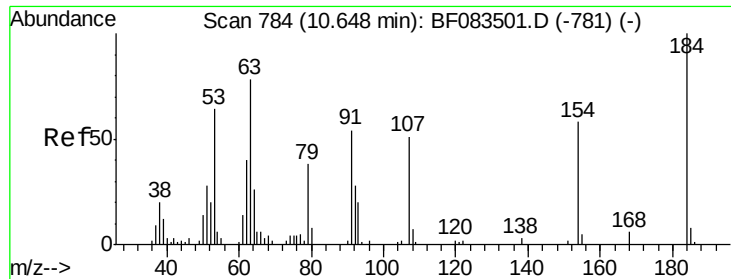
#52
3-Nitroaniline
Concen: 31.67 ng
RT: 10.43 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion:138 Resp: 152850
Ion Ratio Lower Upper
138 100
108 13.5 9.9 14.9
92 127.5 113.8 170.8



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

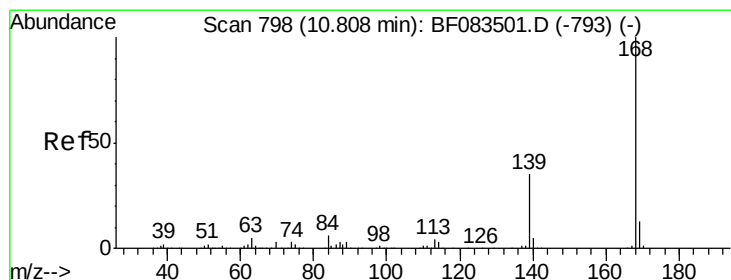
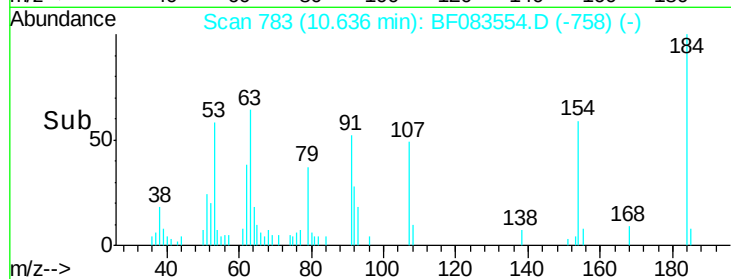
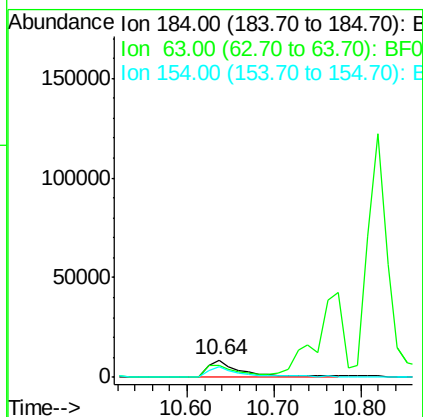
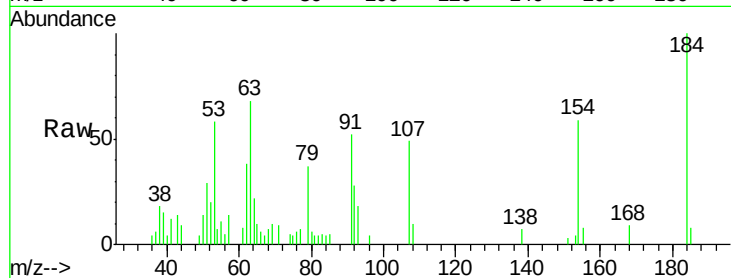




#53
 2,4-Dinitrophenol
 Concen: 17.09 ng
 RT: 10.64 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

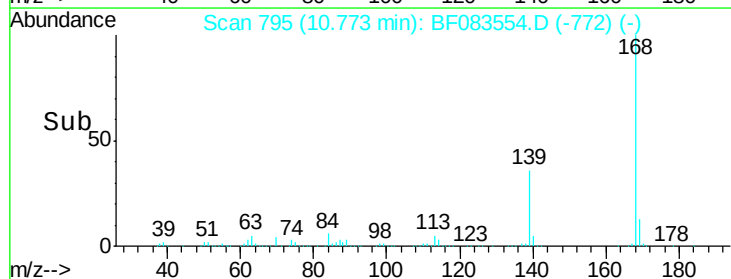
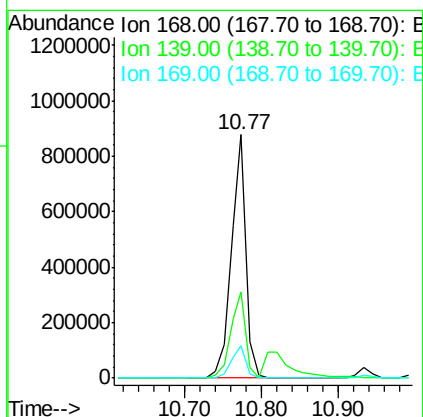
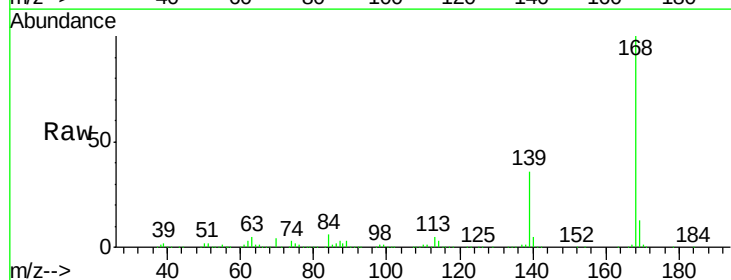
Instrument :
 BNA_F
 ClientSampleId :

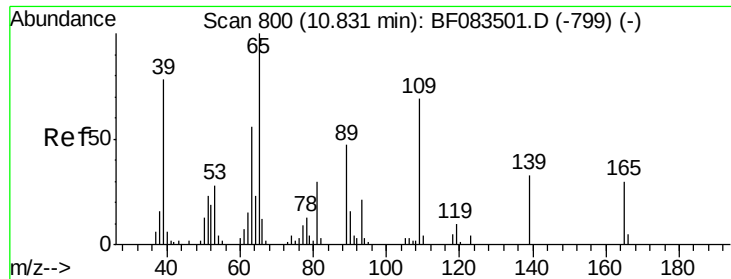
Tot Ion:184 Resp: 24208
 Ion Ratio Lower Upper
 184 100
 63 68.3 62.4 93.6
 154 59.1 46.6 69.8



#54
 Dibenzofuran
 Concen: 50.19 ng
 RT: 10.77 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion:168 Resp: 1185142
 Ion Ratio Lower Upper
 168 100
 139 35.6 28.0 42.0
 169 13.3 10.8 16.2

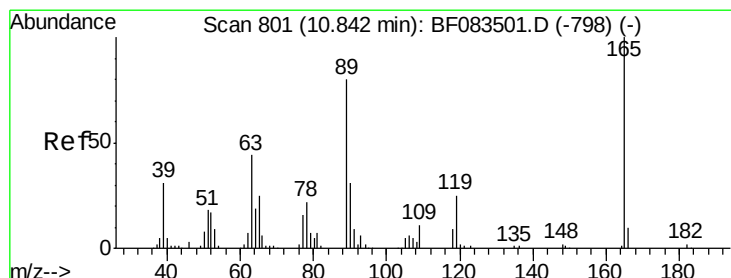
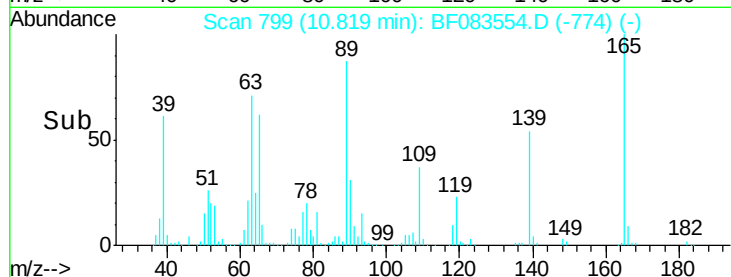
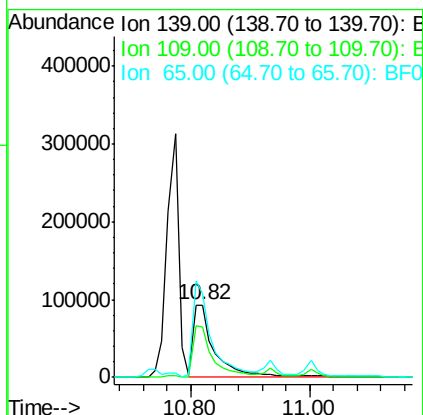
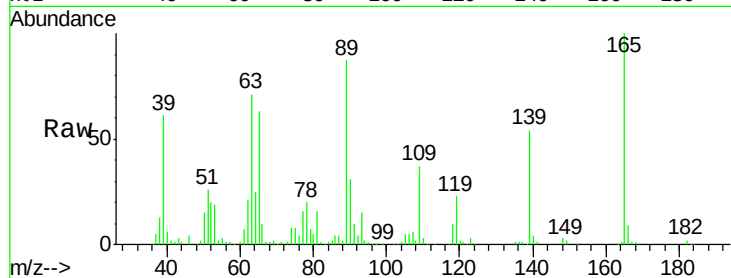




#55
4-Nitrophenol
Concen: 85.11 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

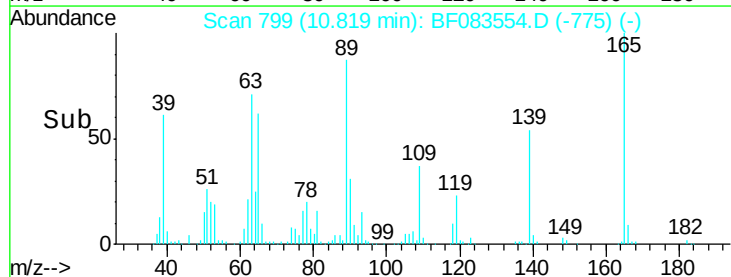
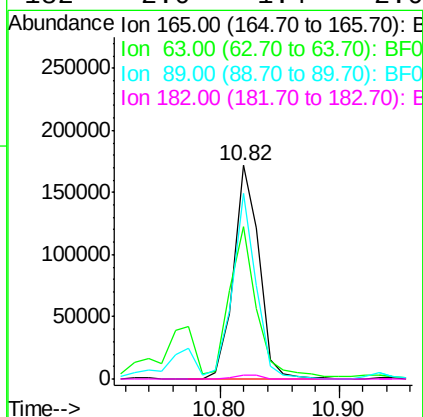
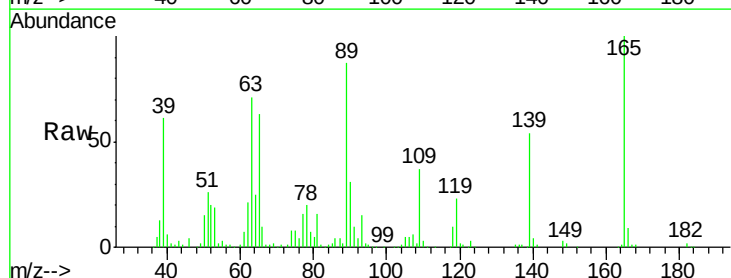
Instrument :
BNA_F
ClientSampleId :

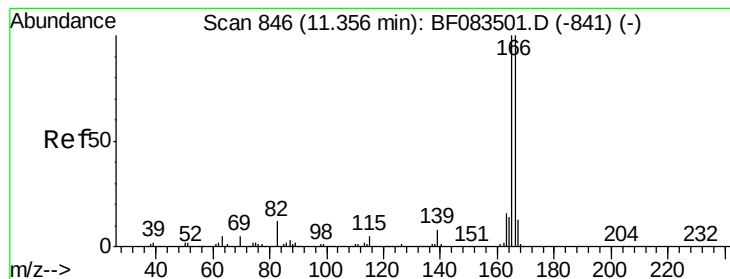
Tot Ion:139 Resp: 231349
Ion Ratio Lower Upper
139 100
109 68.7 42.0 82.0
65 115.6 89.2 129.2



#56
2,4-Dinitrotoluene
Concen: 44.00 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion:165 Resp: 257263
Ion Ratio Lower Upper
165 100
63 71.1 51.4 77.2
89 87.0 72.6 108.8
182 2.0 1.4 2.0





#57

Fluorene

Concen: 43.71 ng

RT: 11.32 min Scan# 843

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampleId :

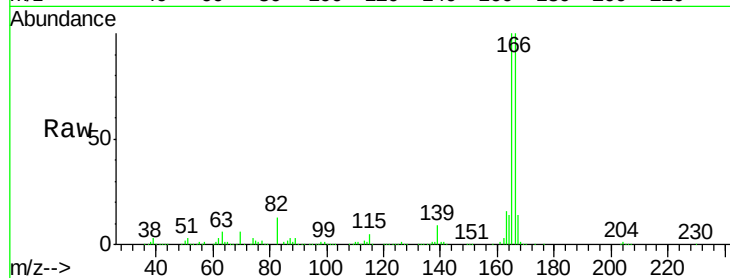
Tot Ion:166 Resp: 897780

Ion Ratio Lower Upper

166 100

165 100.0 80.0 120.0

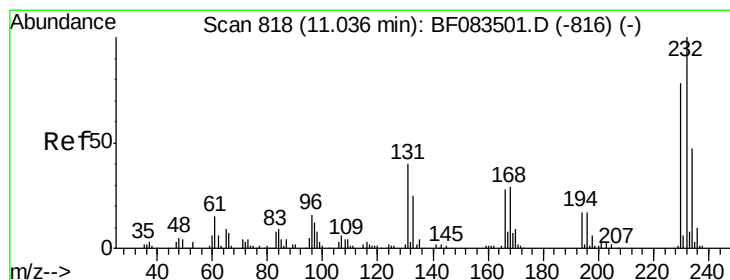
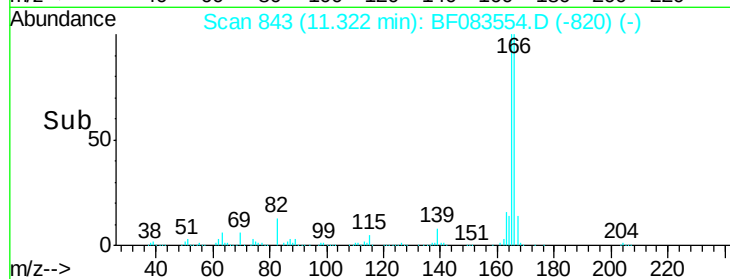
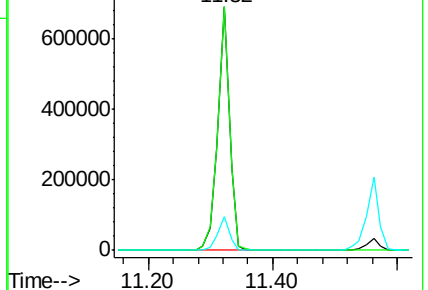
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.25 ng

RT: 11.00 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Tgt Ion:232 Resp: 207284

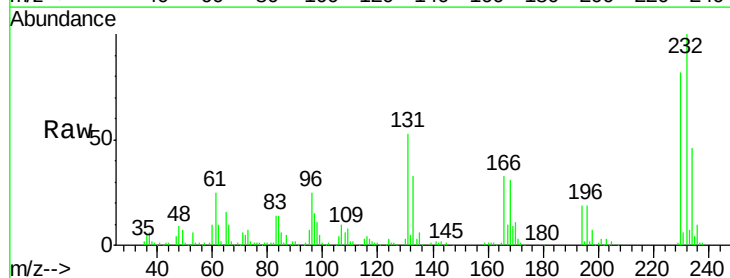
Ion Ratio Lower Upper

232 100

131 47.9 0.0 0.0#

130 3.5 0.0 0.0#

166 30.3 0.0 0.0#

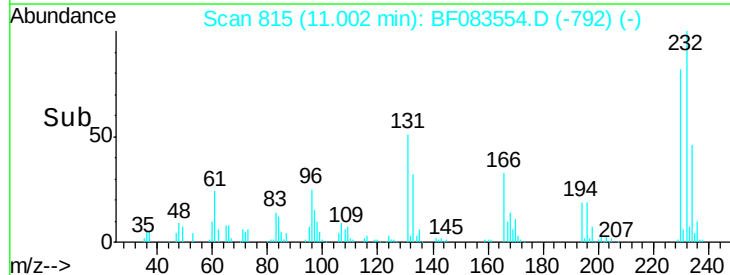
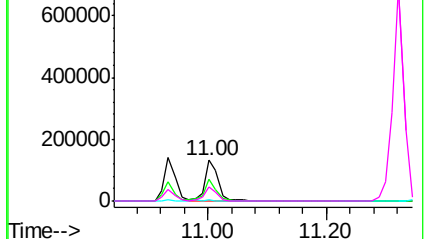


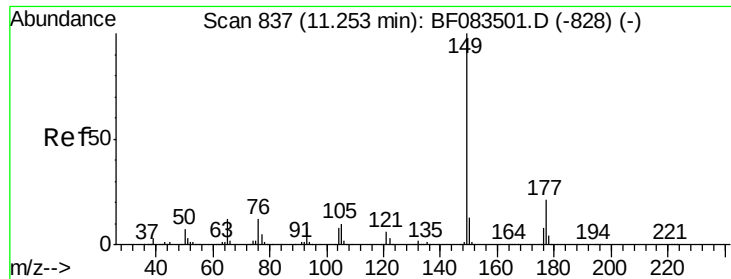
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

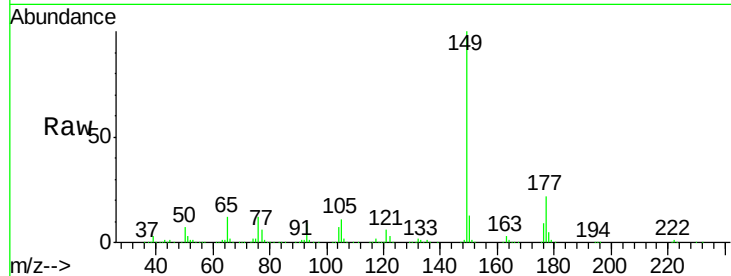




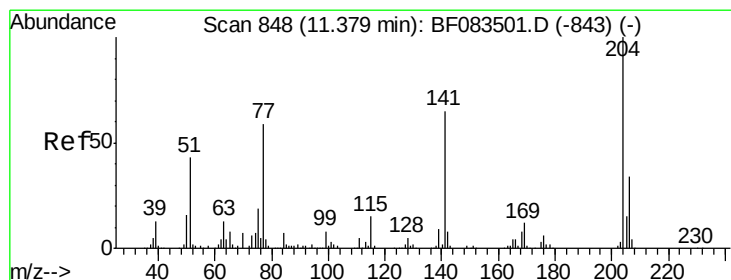
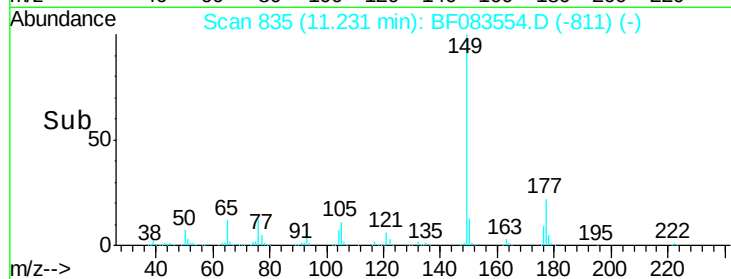
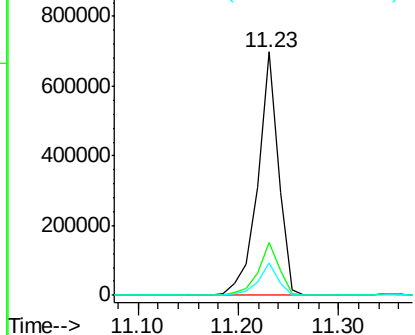
#59
Diethylphthalate
Concen: 48.71 ng
RT: 11.23 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 996566
Ion Ratio Lower Upper
149 100
177 21.8 16.9 25.3
150 13.2 10.2 15.4

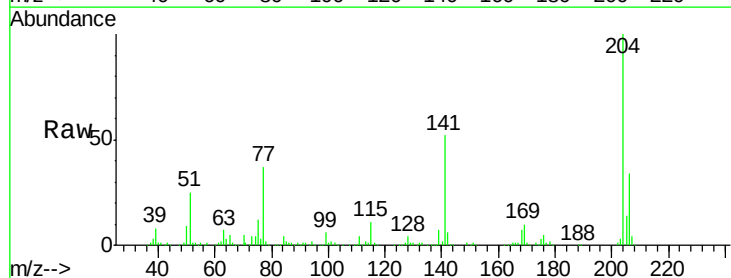


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

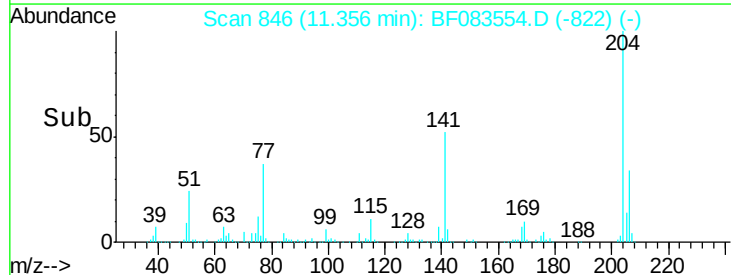
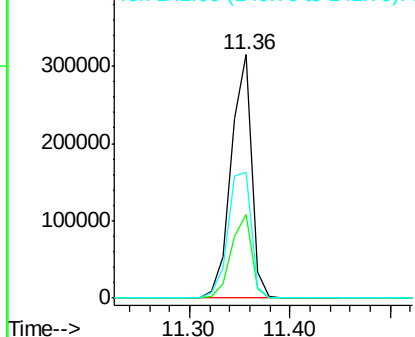


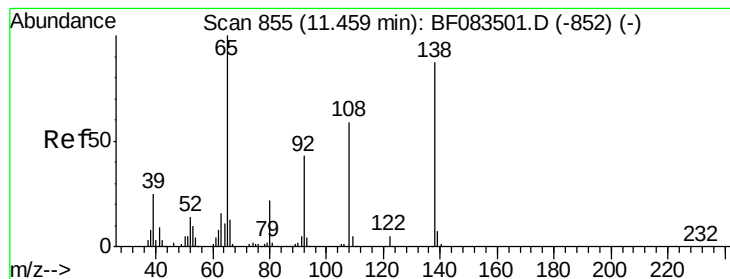
#60
4-Chlorophenyl-phenylether
Concen: 45.09 ng
RT: 11.36 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion:204 Resp: 443816
Ion Ratio Lower Upper
204 100
206 34.5 27.3 40.9
141 51.7 51.9 77.9#



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





#61

4-Nitroaniline

Concen: 43.02 ng

RT: 11.44 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampled :

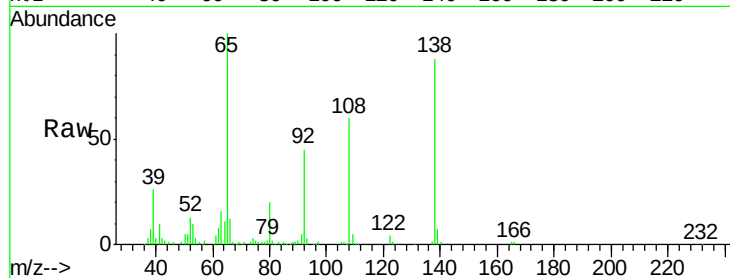
Tot Ion:138 Resp: 188087

Ion Ratio Lower Upper

138 100

92 51.3 29.0 69.0

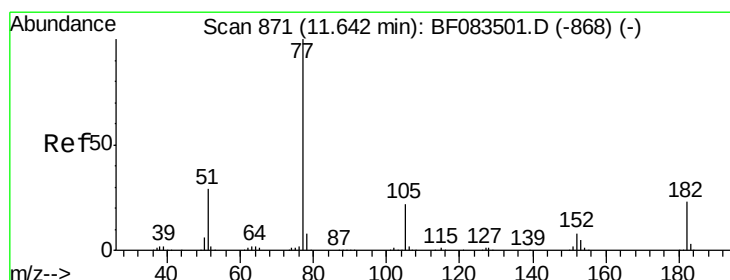
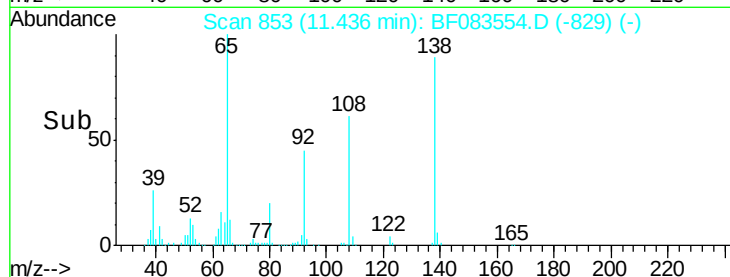
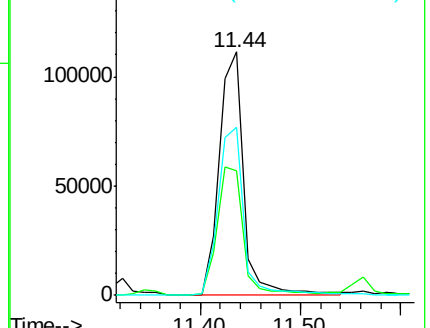
108 68.9 47.4 87.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 53.30 ng

RT: 11.61 min Scan# 868

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Tgt Ion: 77 Resp: 1163381

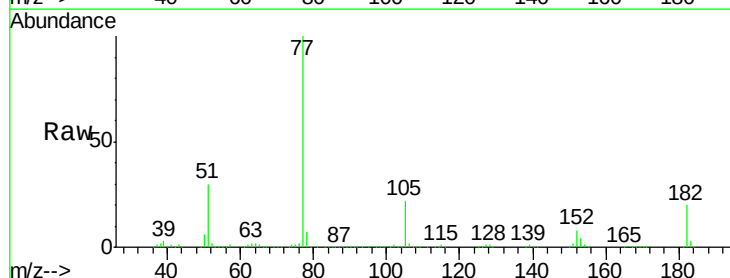
Ion Ratio Lower Upper

77 100

182 20.1 2.5 42.5

105 21.9 2.1 42.1

51 29.9 9.3 49.3

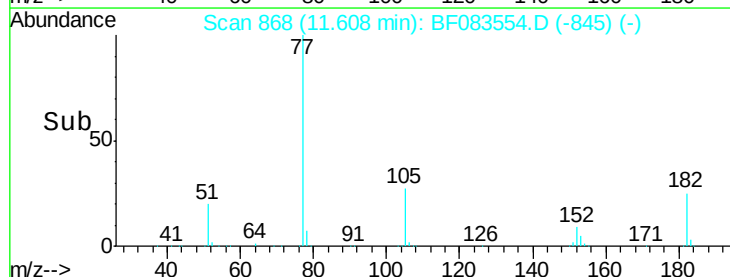
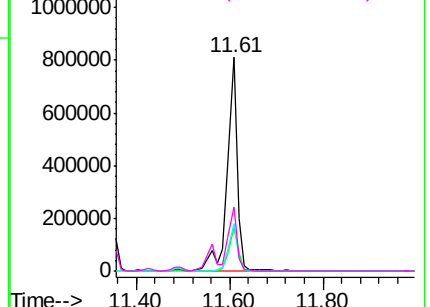


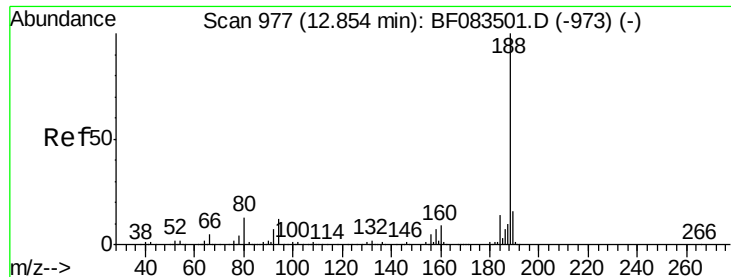
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

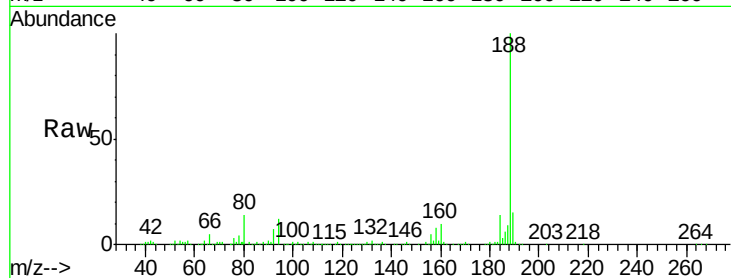




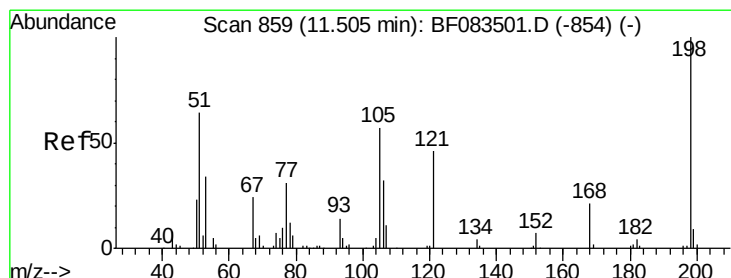
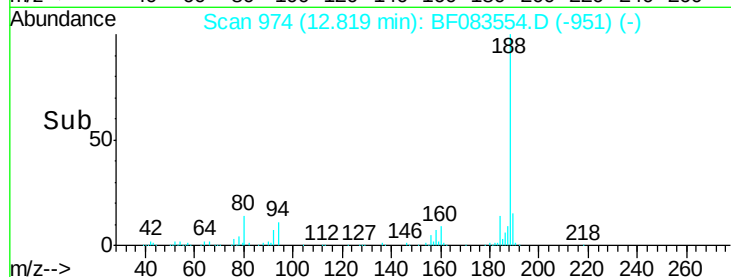
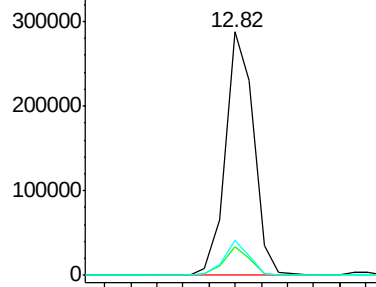
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 433194
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 14.2 10.6 16.0

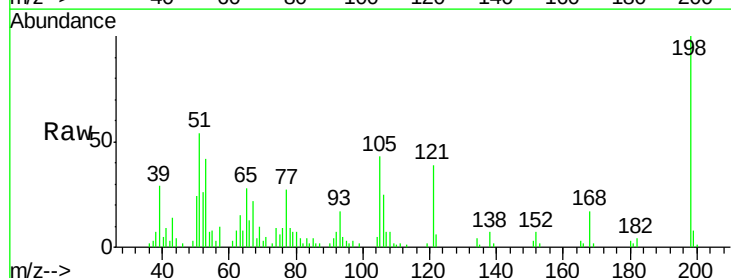


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

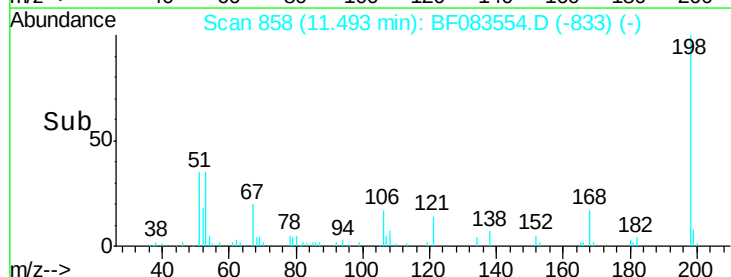
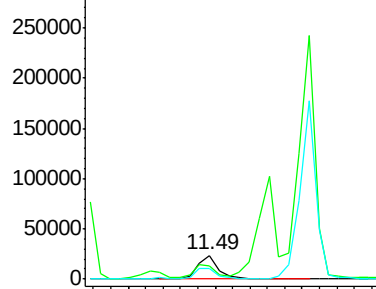


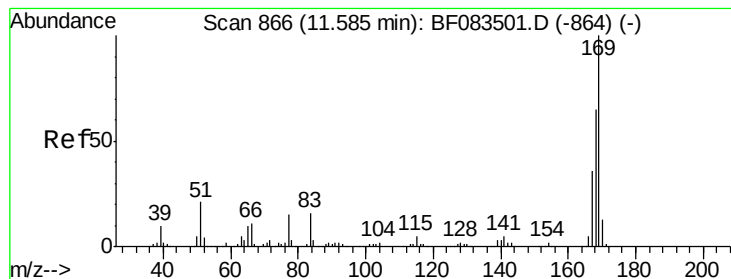
#64
4,6-Dinitro-2-methylphenol
Concen: 16.18 ng
RT: 11.49 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion:198 Resp: 40026
Ion Ratio Lower Upper
198 100
51 54.2 53.8 93.8
105 43.3 38.6 78.6



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





#65

n-Nitrosodiphenylamine

Concen: 54.66 ng

RT: 11.56 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampleId :

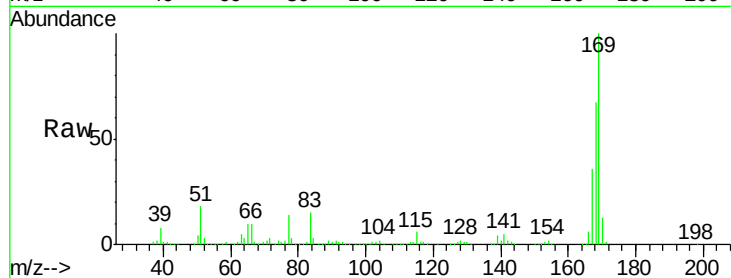
Tot Ion:169 Resp: 783934

Ion Ratio Lower Upper

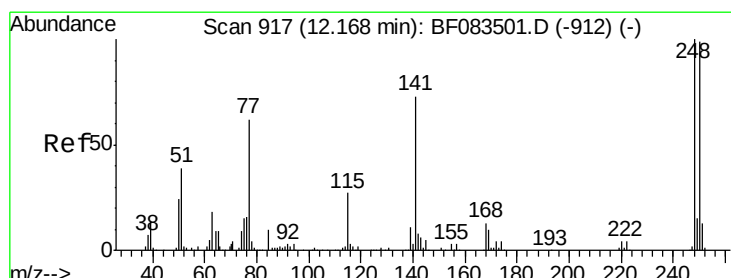
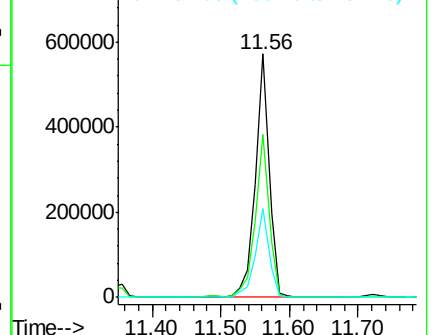
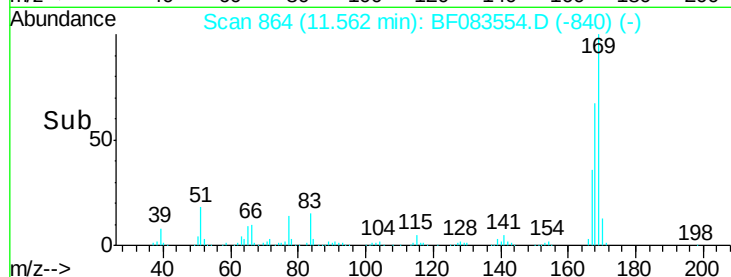
169 100

168 67.1 53.0 79.6

167 36.5 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: 51.17 ng

RT: 12.13 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

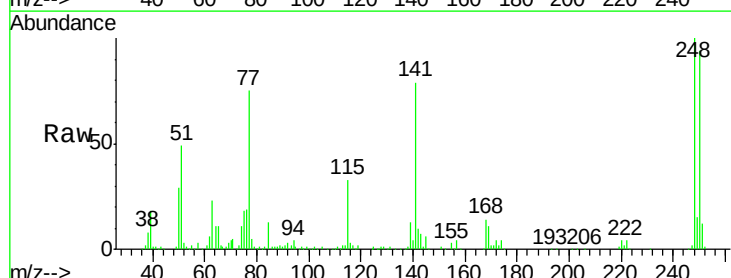
Tgt Ion:248 Resp: 242226

Ion Ratio Lower Upper

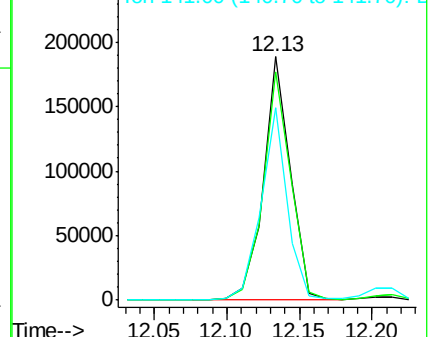
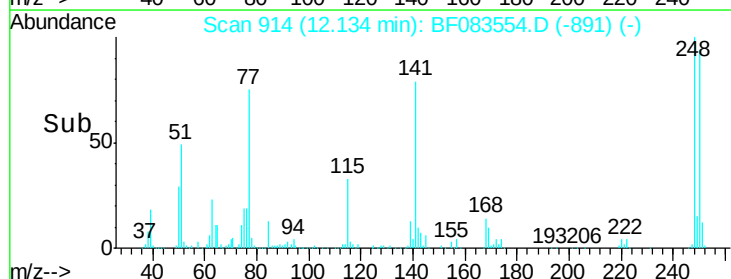
248 100

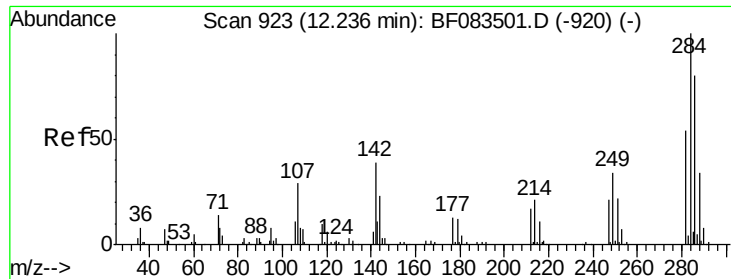
250 93.9 79.2 118.8

141 79.2 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

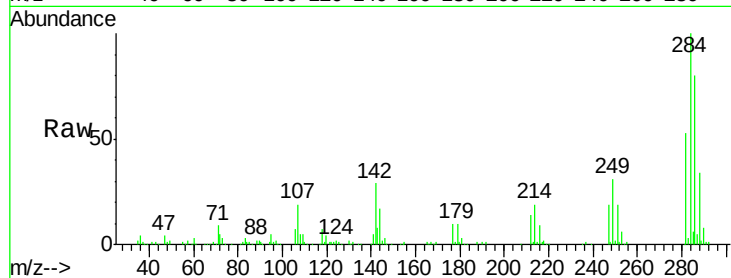




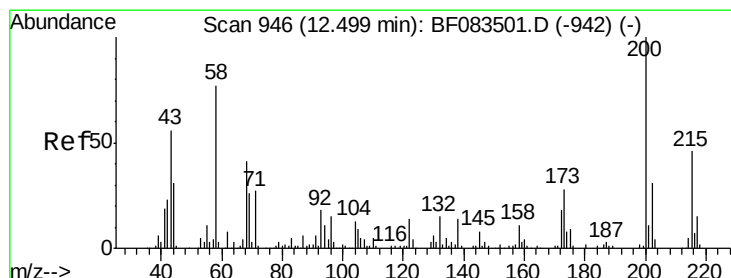
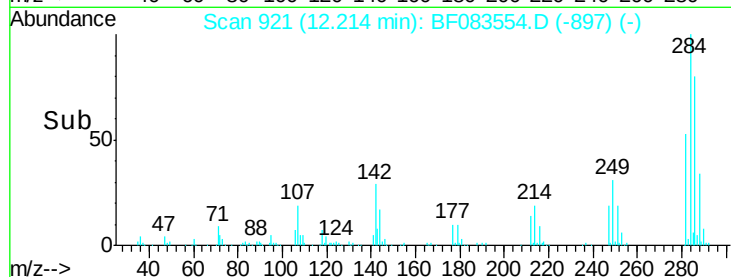
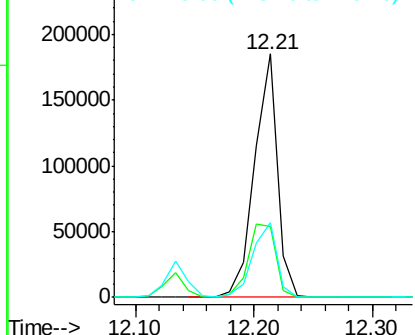
#67
Hexachlorobenzene
Concen: 49.65 ng
RT: 12.21 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 251231
Ion Ratio Lower Upper
284 100
142 29.0 31.0 46.4#
249 30.9 26.9 40.3

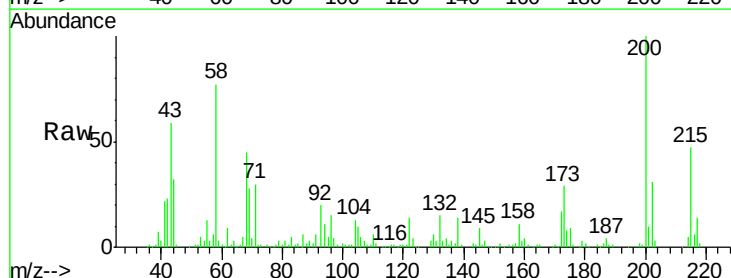


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

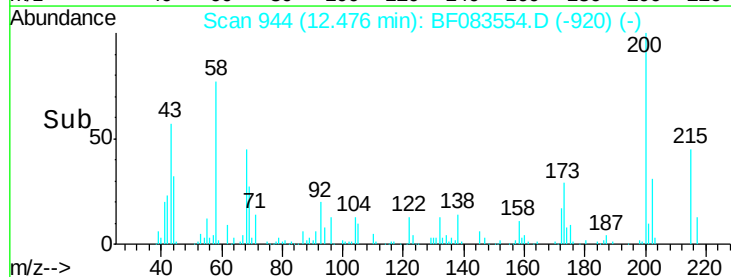
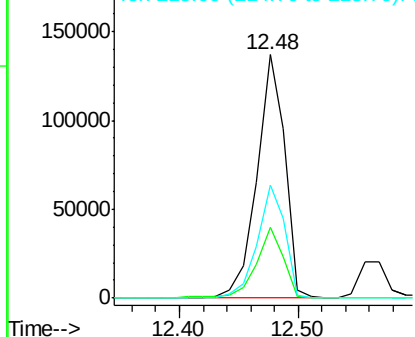


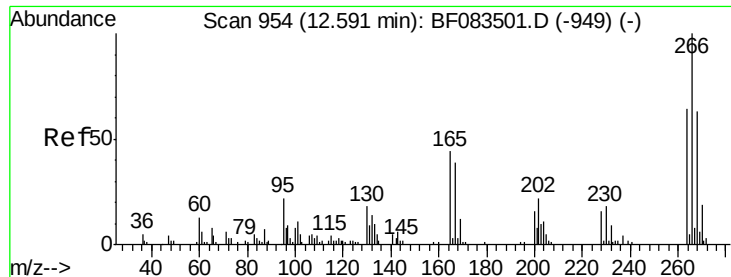
#68
Atrazine
Concen: 51.73 ng
RT: 12.48 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion:200 Resp: 224367
Ion Ratio Lower Upper
200 100
173 28.9 7.8 47.8
215 46.7 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

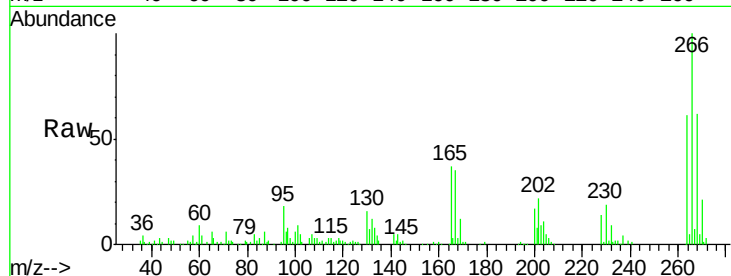




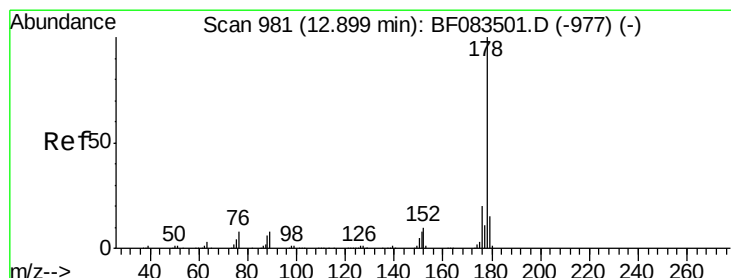
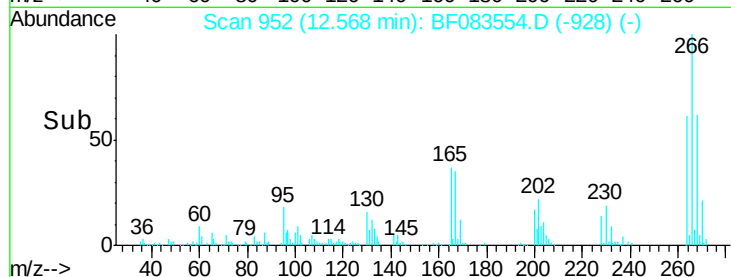
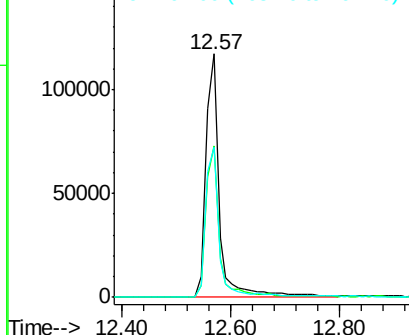
#69
 Pentachlorophenol
 Concen: 87.75 ng
 RT: 12.57 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	50.2	75.2
264	61.5	51.4	77.2

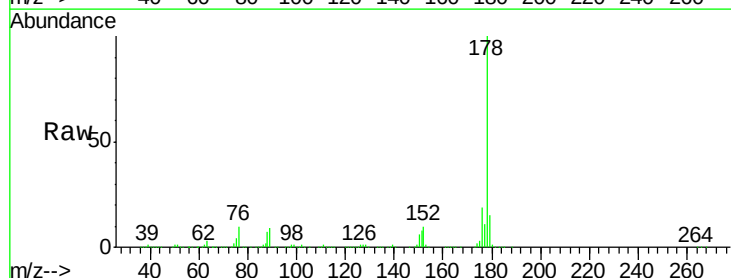


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

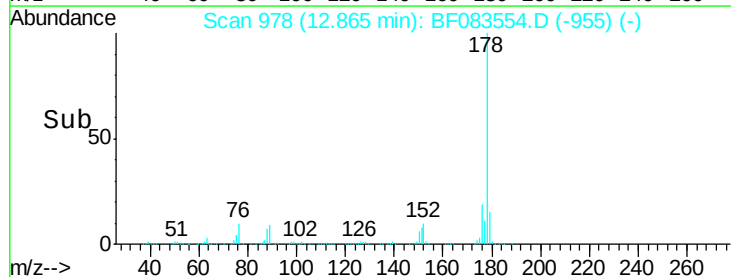
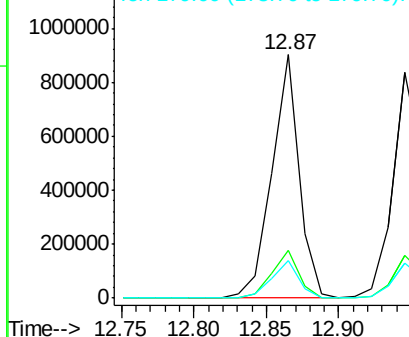


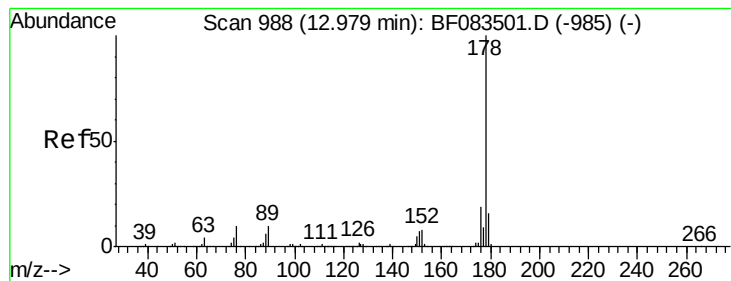
#70
 Phenanthrene
 Concen: 46.92 ng
 RT: 12.87 min Scan# 978
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.5	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: 46.61 ng

RT: 12.95 min Scan# 985

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

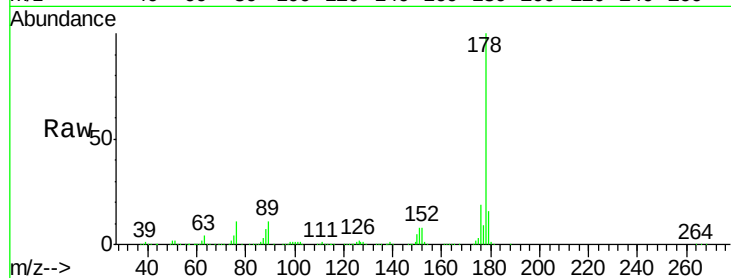
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1198667

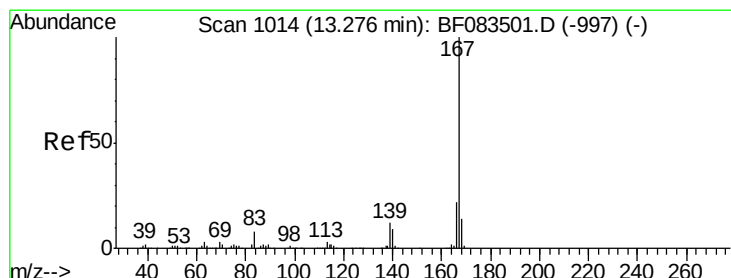
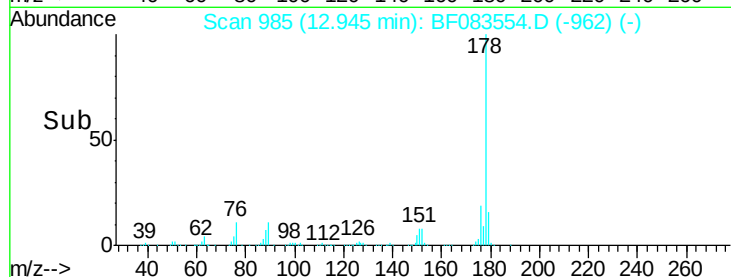
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.5	12.6	18.8



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: 46.20 ng

RT: 13.24 min Scan# 1011

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

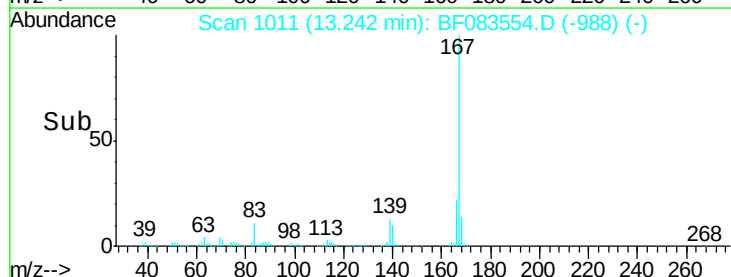
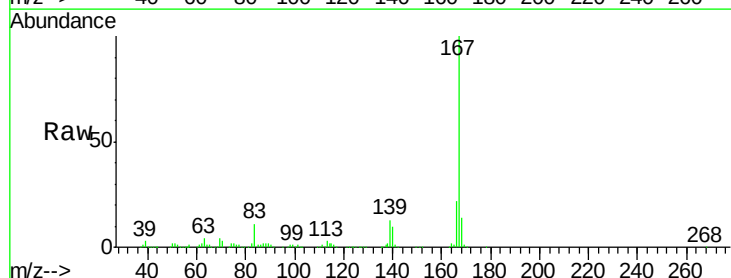
Tgt Ion:167 Resp: 1020177

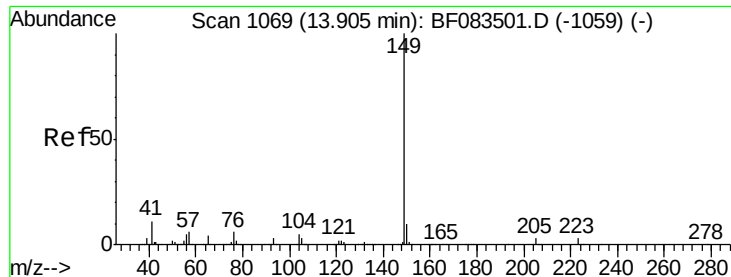
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.3	9.3	13.9

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: 54.58 ng

RT: 13.88 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampled :

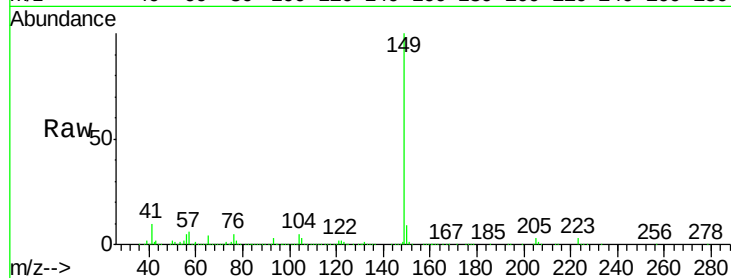
Tot Ion:149 Resp: 1451592

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

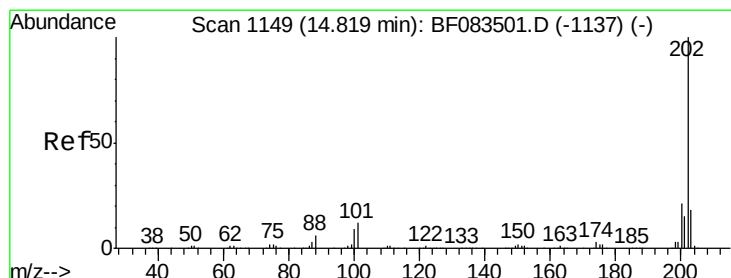
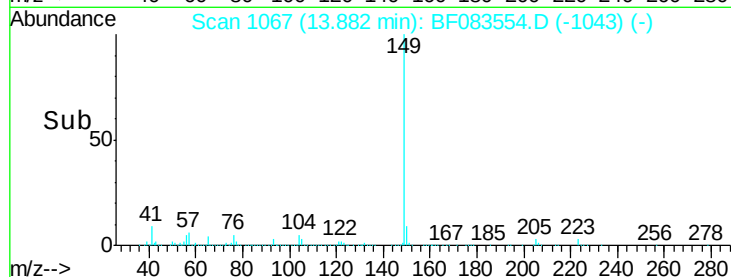
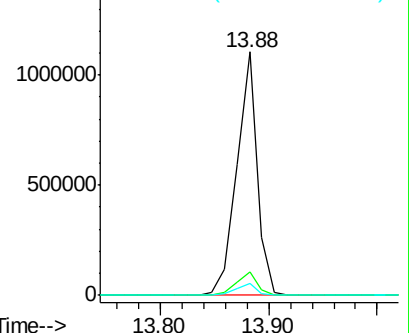
104 4.7 3.9 5.9



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: 43.01 ng

RT: 14.79 min Scan# 1146

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

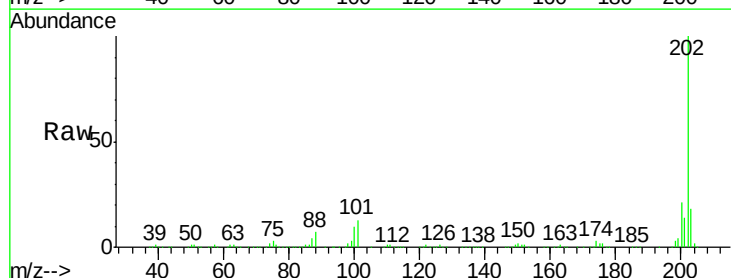
Tgt Ion:202 Resp: 1074827

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.5

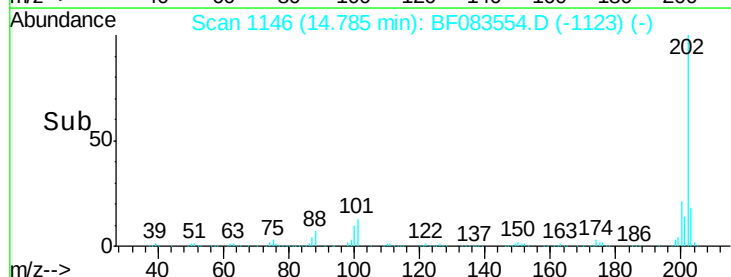
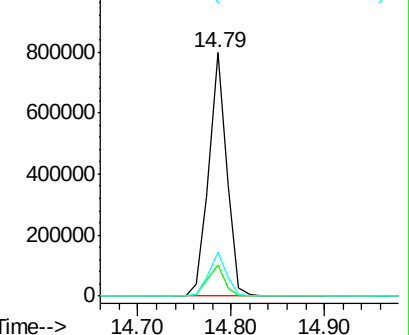
203 17.8 0.0 37.6

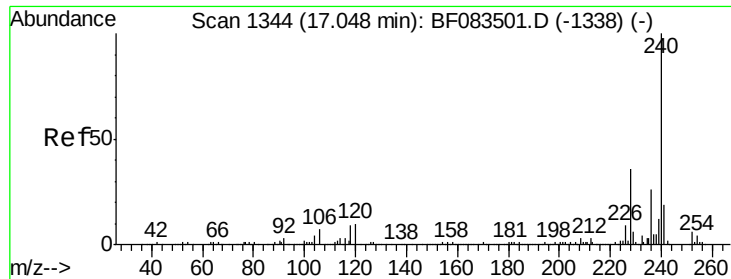


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

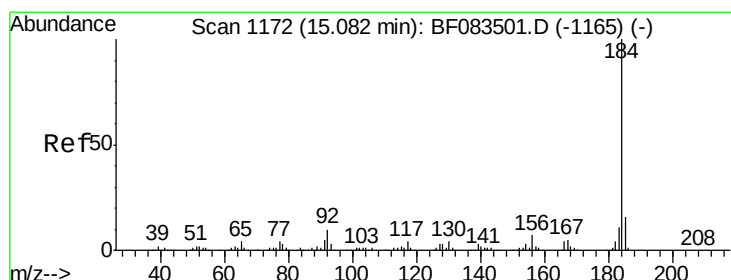
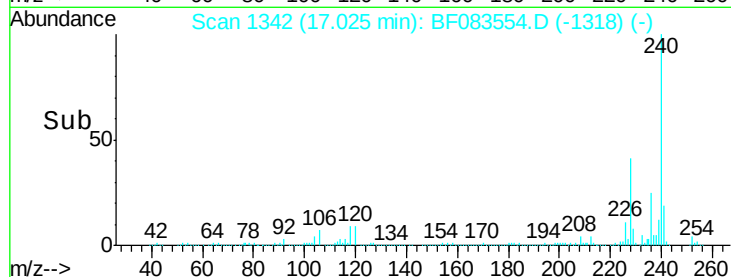
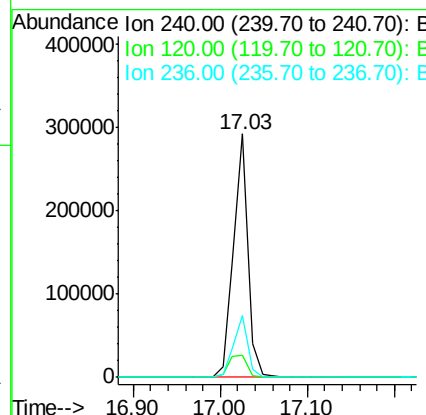
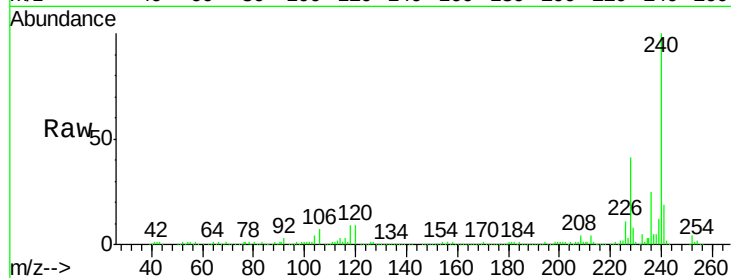




#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.03 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

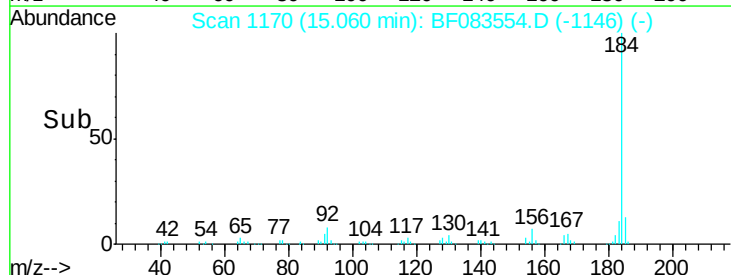
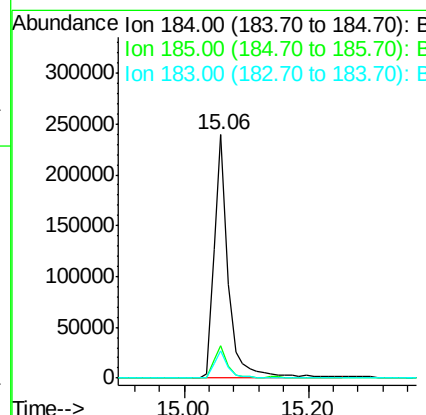
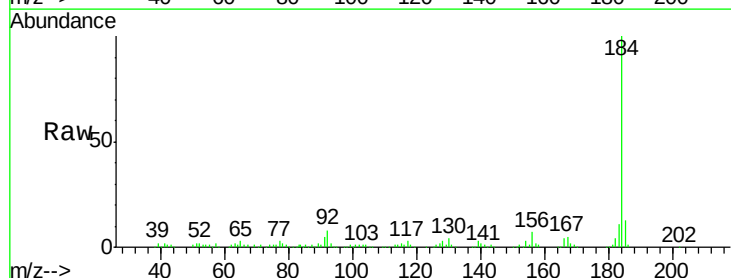
Instrument :
BNA_F
ClientSampleId :

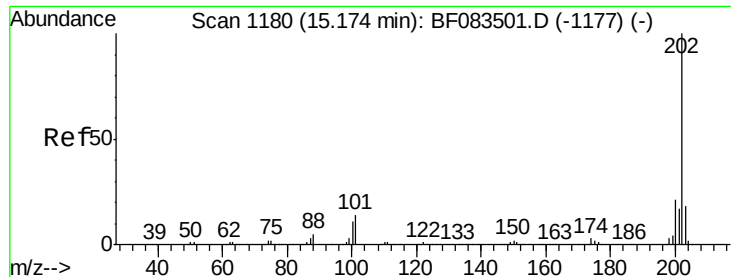
Tot Ion:240 Resp: 336255
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 25.5 20.8 31.2



#76
Benzidine
Concen: 31.03 ng
RT: 15.06 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion:184 Resp: 376958
Ion Ratio Lower Upper
184 100
185 13.2 13.0 19.6
183 11.2 9.0 13.4

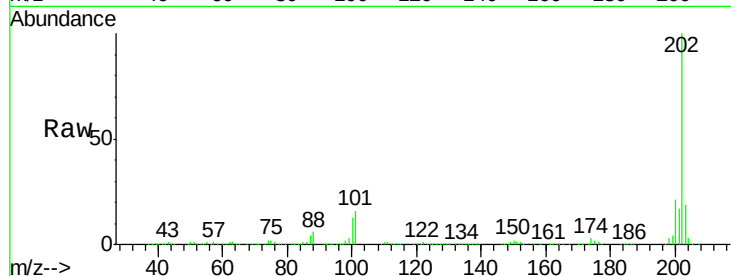




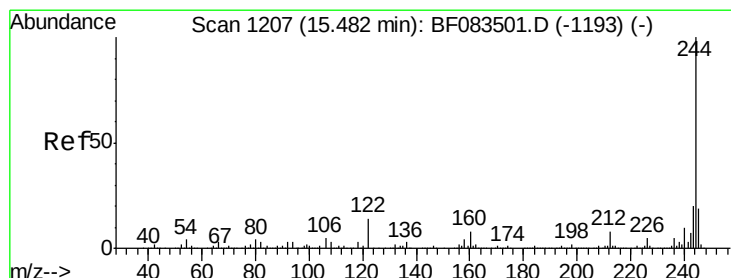
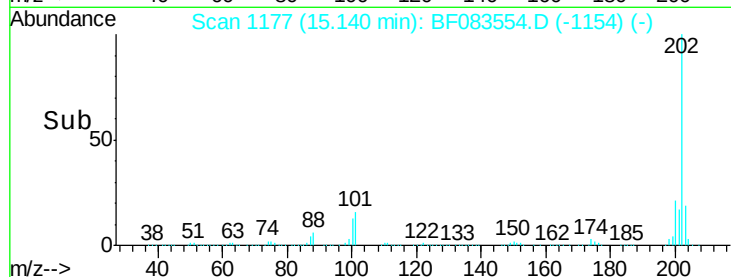
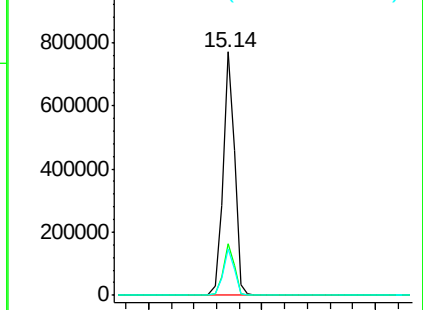
#77
Pvrene
Concen: 43.44 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1092720
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 18.8 14.3 21.5

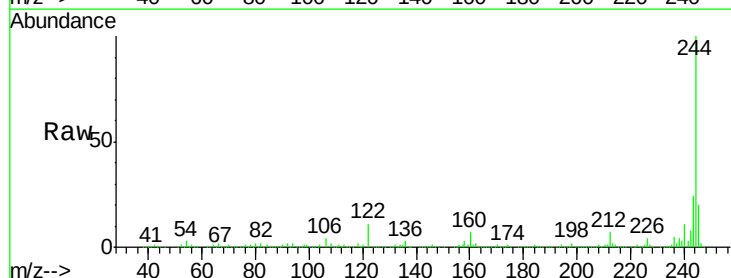


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

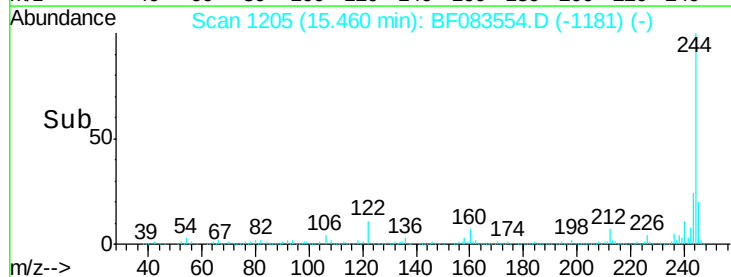
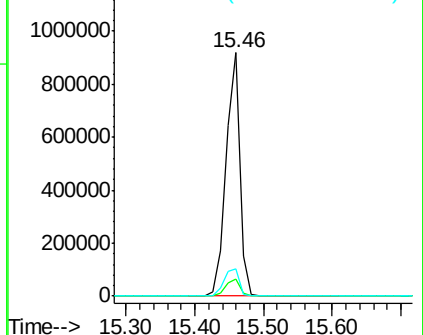


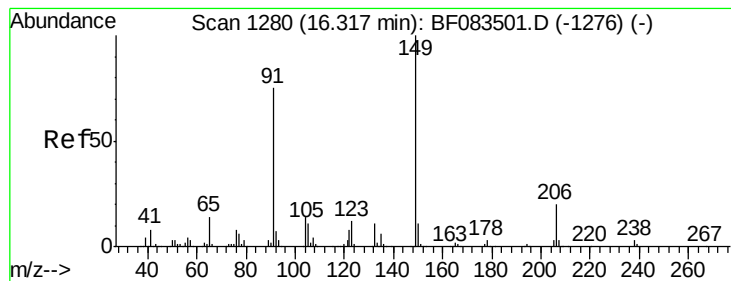
#78
Terphenyl-d14
Concen: 87.54 ng
RT: 15.46 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion:244 Resp: 1322825
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 11.0 11.0 16.6#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 52.19 ng

RT: 16.28 min Scan# 1277

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampleId :

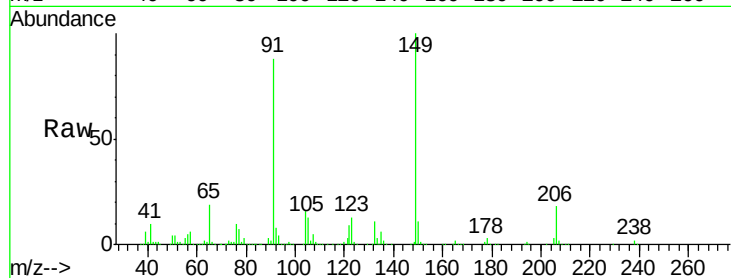
Tot Ion:149 Resp: 516239

Ion Ratio Lower Upper

149 100

91 88.4 60.0 90.0

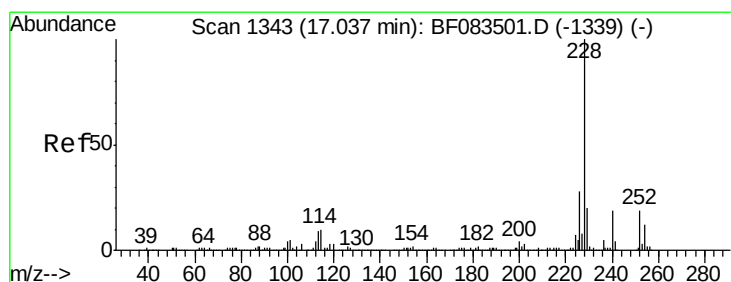
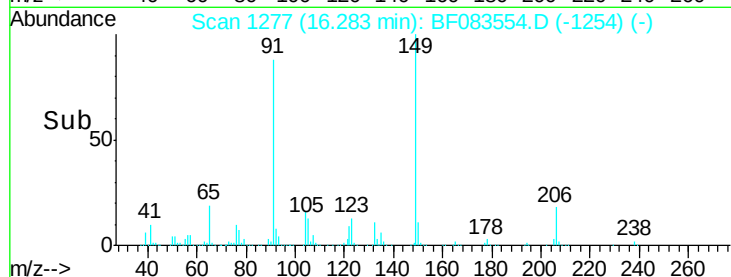
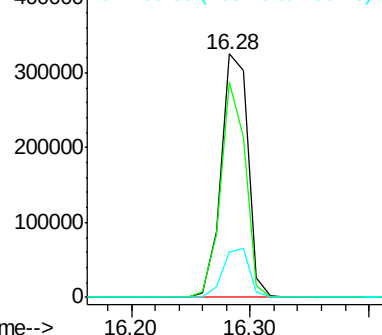
206 18.5 16.2 24.4



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: 48.57 ng

RT: 17.01 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

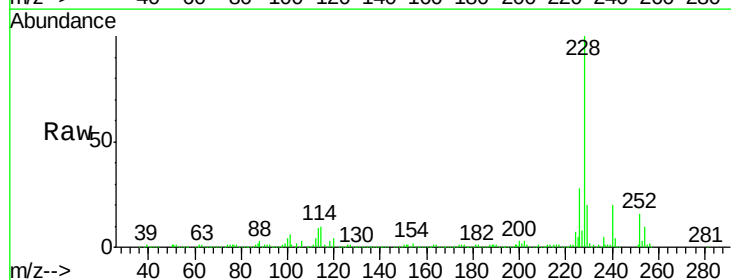
Tgt Ion:228 Resp: 955616

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

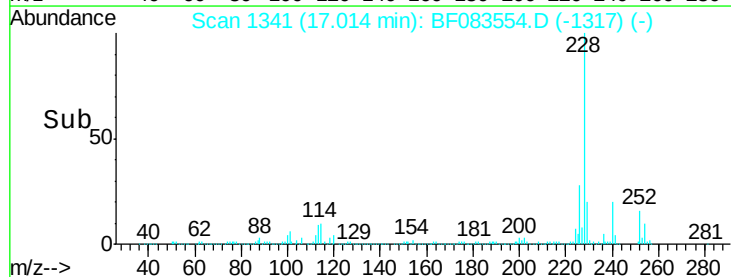
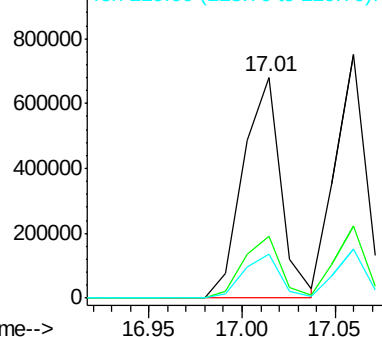
229 20.0 15.7 23.5

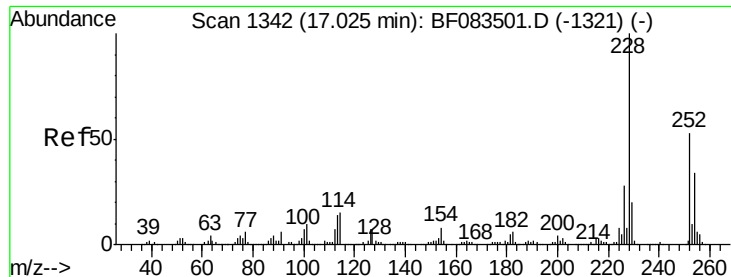


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

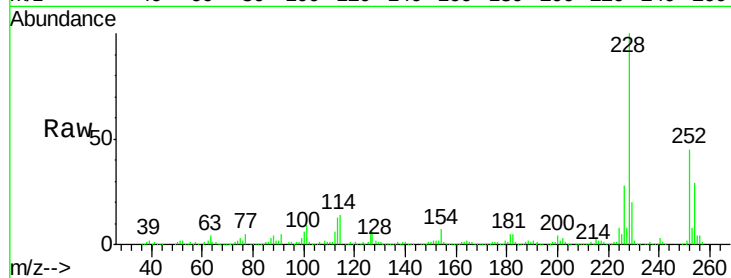




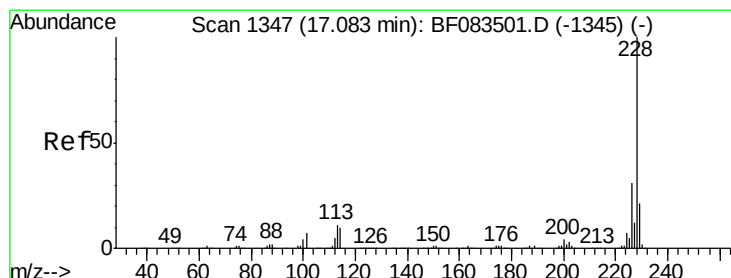
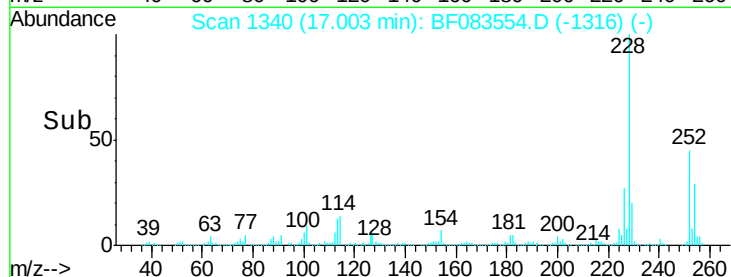
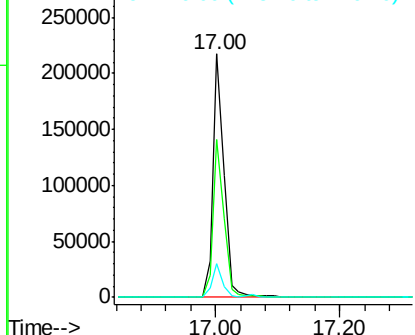
#81
 3,3'-Dichlorobenzidine
 Concen: 42.37 ng
 RT: 17.00 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:252 Resp: 266628
 Ion Ratio Lower Upper
 252 100
 254 65.1 50.6 76.0
 126 13.7 11.0 16.4

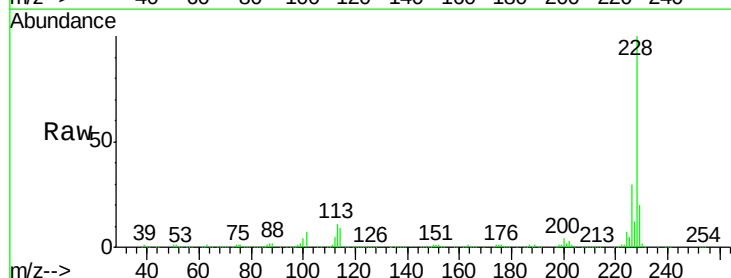


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

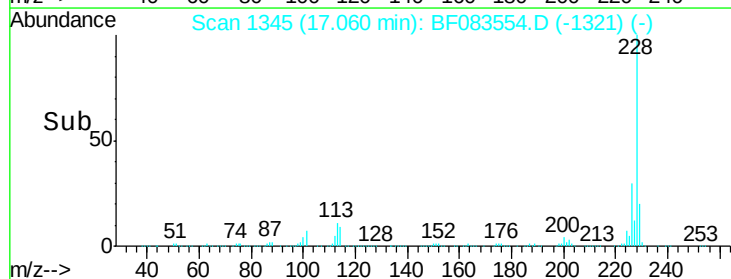
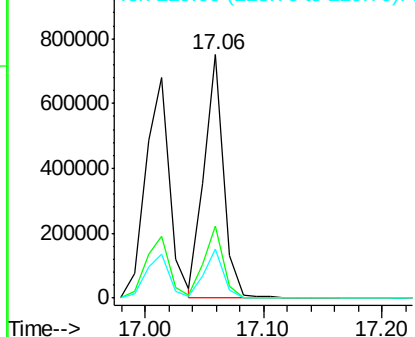


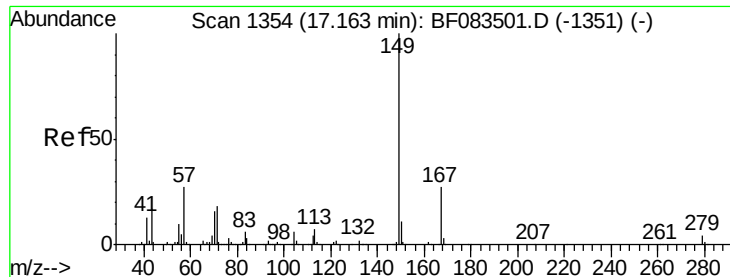
#82
 Chrysene
 Concen: 43.93 ng
 RT: 17.06 min Scan# 1345
 Delta R.T. -0.02 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion:228 Resp: 860929
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.7 37.1
 229 20.2 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: 56.09 ng

RT: 17.14 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

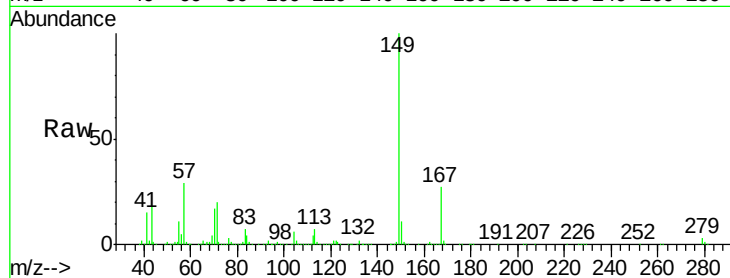
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 727991

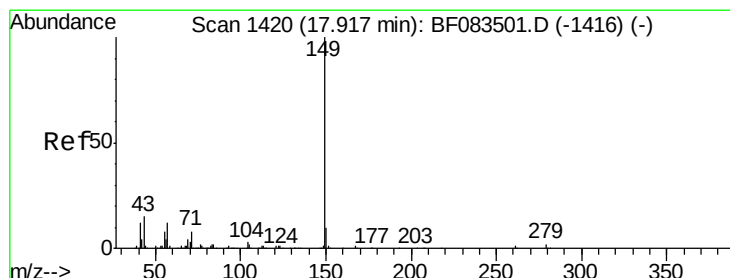
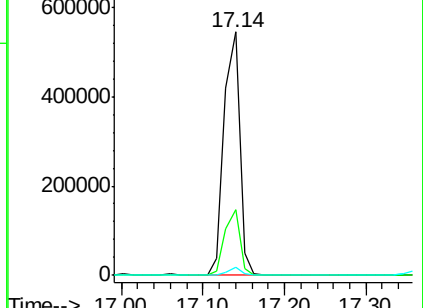
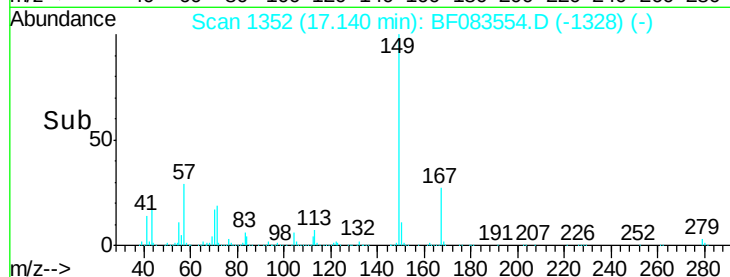
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.8
279	3.4	3.0	4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 62.07 ng

RT: 17.91 min Scan# 1419

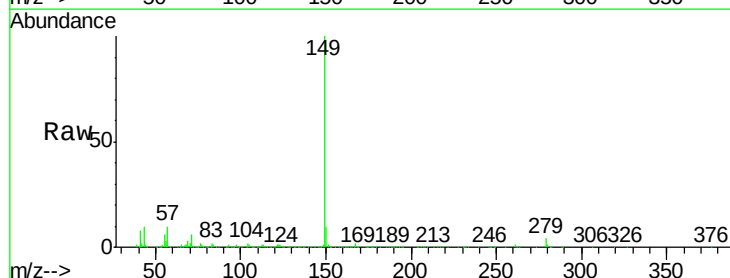
Delta R.T. -0.01 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Tgt Ion:149 Resp: 1149003

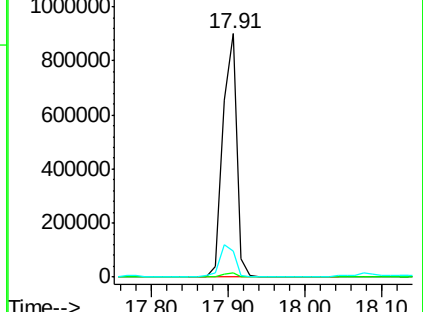
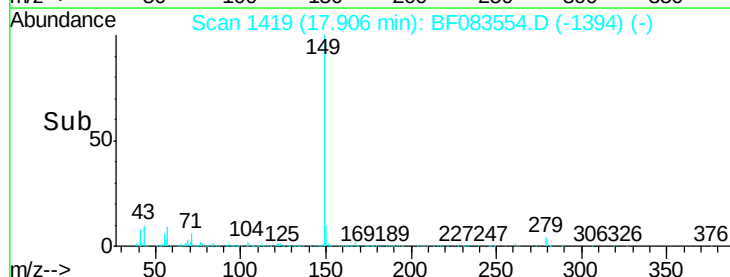
Ion	Ratio	Lower	Upper
149	100		
167	1.8	0.0	0.0#
43	13.8	0.0	0.0#

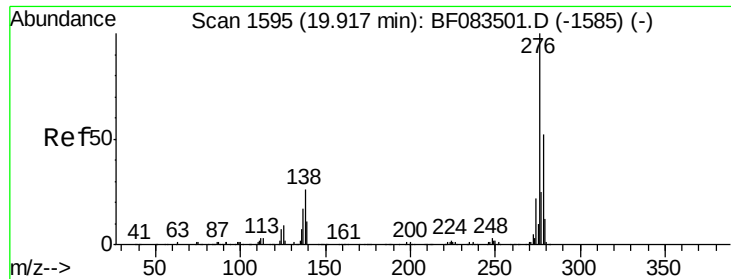


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.34 ng

RT: 19.91 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampled :

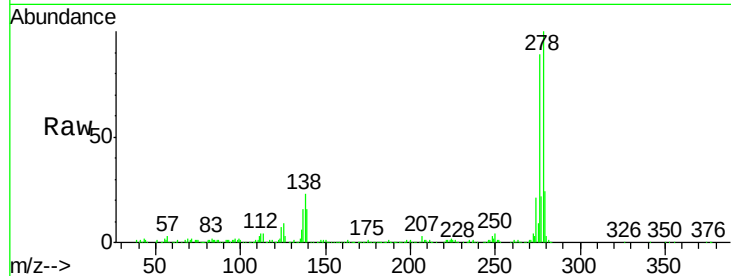
Tot Ion:276 Resp: 627380

Ion Ratio Lower Upper

276 100

138 26.9 0.0 0.0#

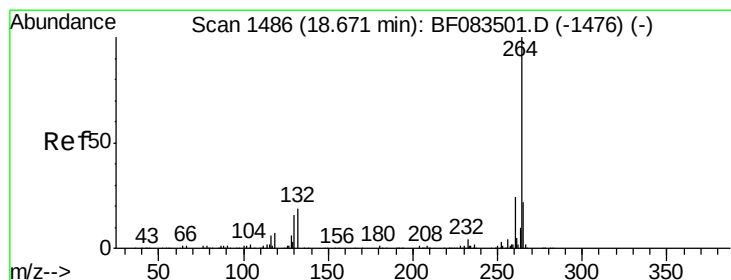
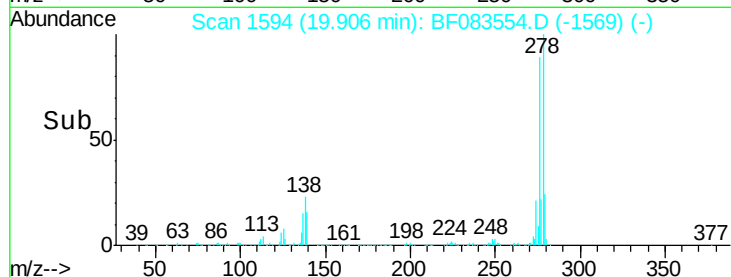
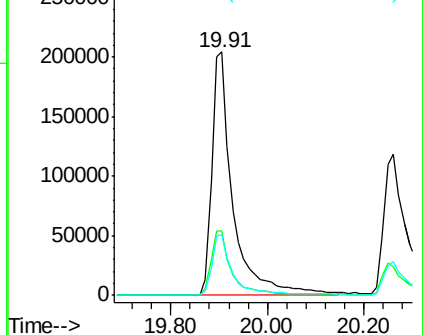
277 25.1 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.65 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

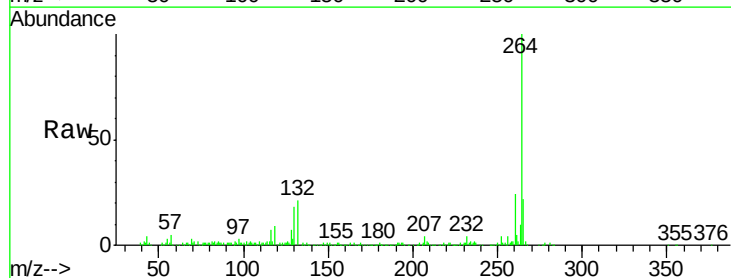
Tgt Ion:264 Resp: 256032

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

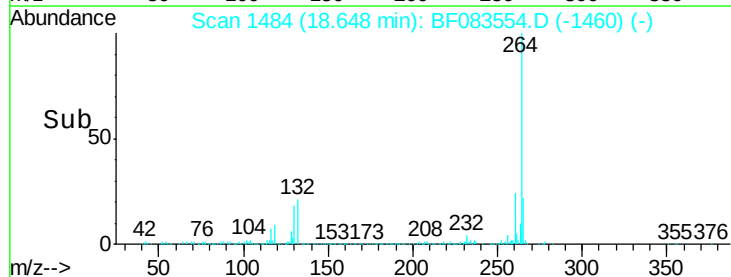
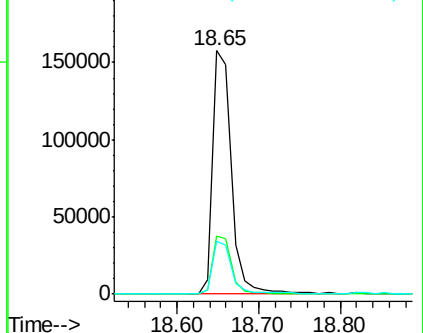
265 21.6 17.8 26.6

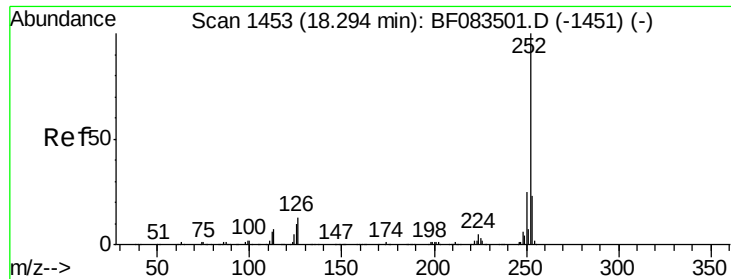


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

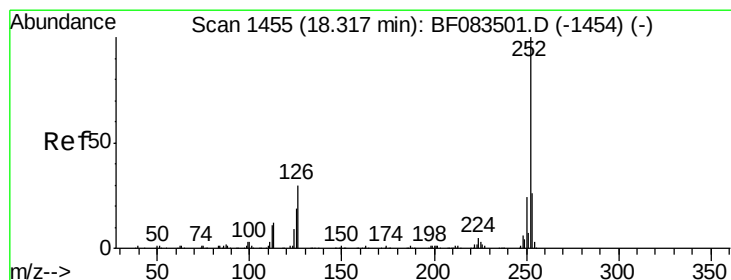
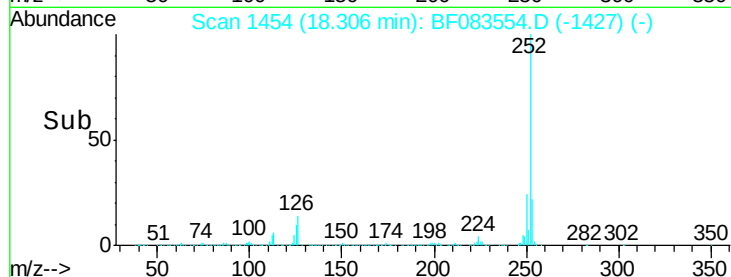
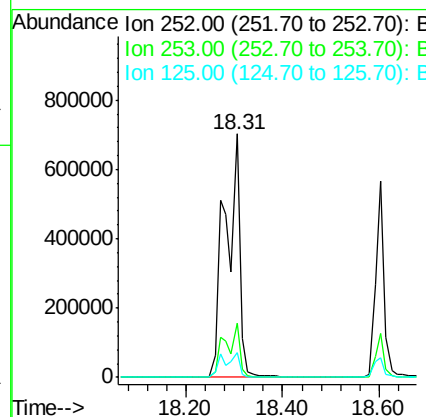
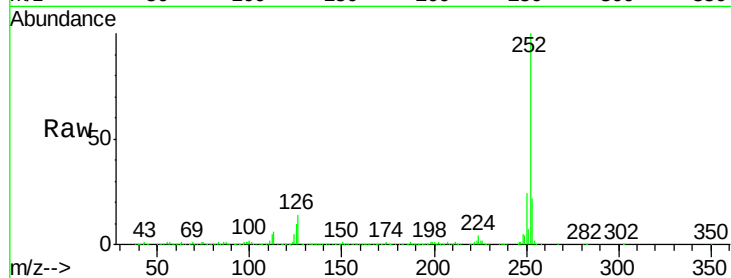




#87
Benzo(b)fluoranthene
Concen: 106.02 ng
RT: 18.31 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

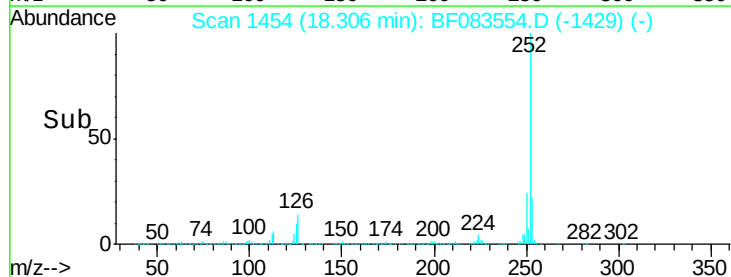
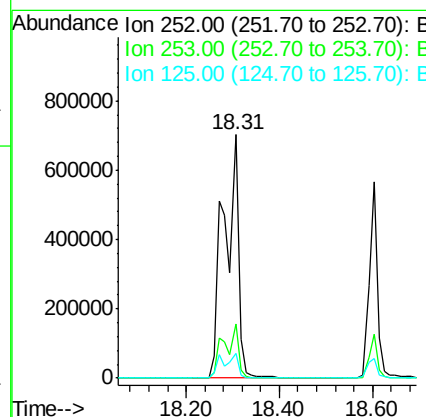
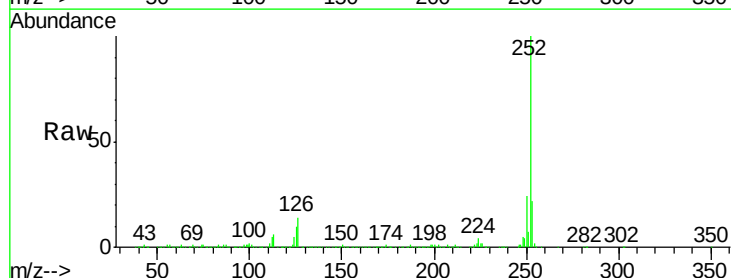
Instrument :
BNA_F
ClientSampleId :

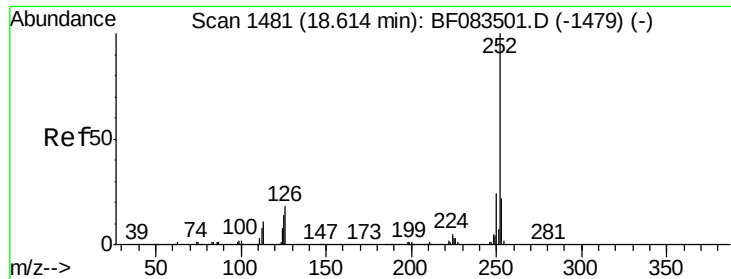
Tot Ion:252 Resp: 1524467
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 10.0 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 103.53 ng
RT: 18.31 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion:252 Resp: 1524937
Ion Ratio Lower Upper
252 100
253 22.2 18.6 27.8
125 10.0 11.5 17.3#

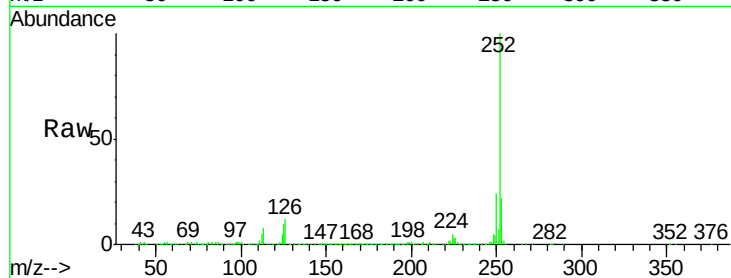




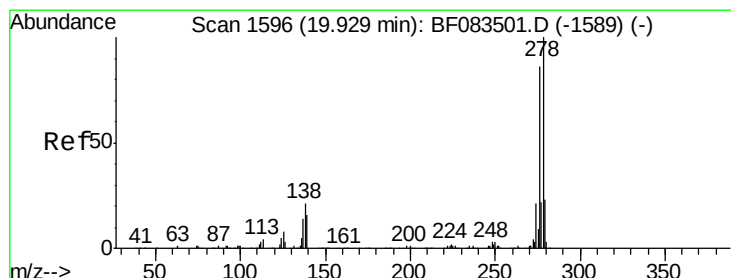
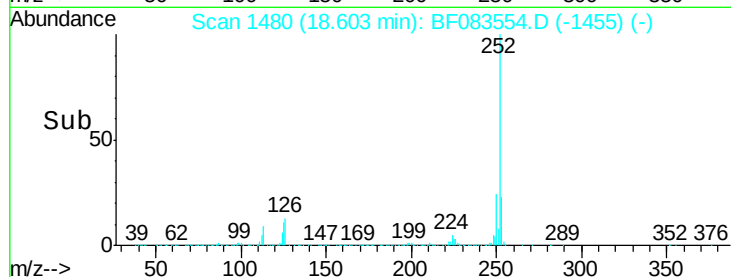
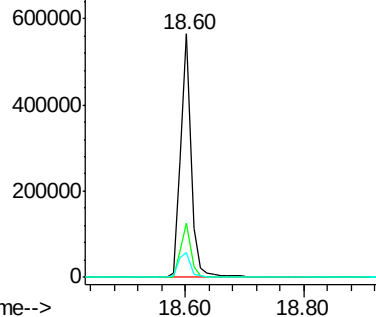
#89
Benzo(a)pyrene
Concen: 49.32 ng
RT: 18.60 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 689758
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.1 11.0 16.6#

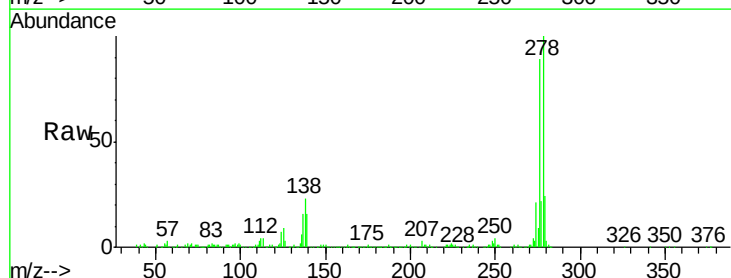


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

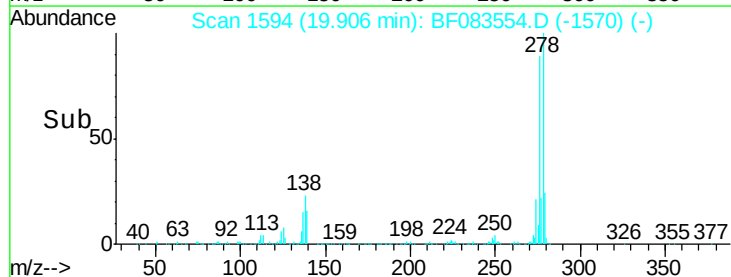
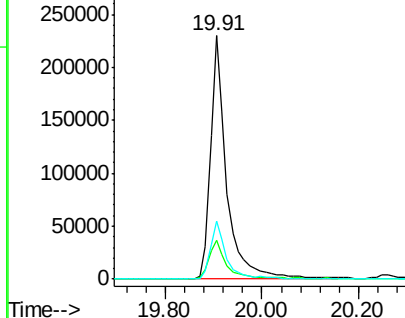


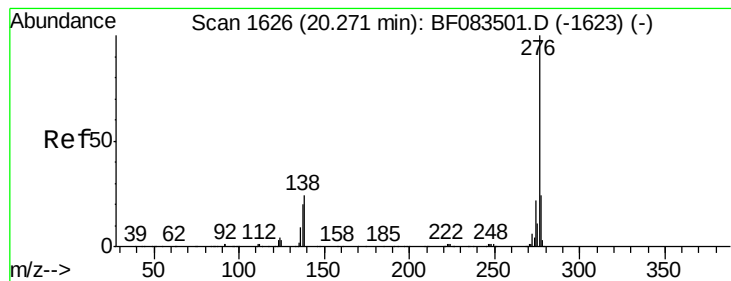
#90
Dibenzo(a,h)anthracene
Concen: 40.50 ng
RT: 19.91 min Scan# 1594
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion:278 Resp: 544975
Ion Ratio Lower Upper
278 100
139 15.9 12.8 19.2
279 23.7 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 32.37 ng

RT: 20.26 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampleId :

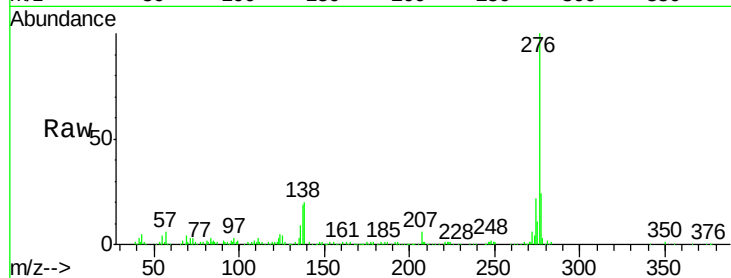
Tot Ion: 276 Resp: 438988

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 20.5 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

