

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
 Data File : BF083914.D
 Acq On : 18 Dec 2015 15:49
 Operator : UM/SJ
 Sample : PB87340BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Quant Time: Dec 19 04:15:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	55103	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	214476	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	103791	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	198399	20.00	ng	0.00
75) Chrysene-d12	14.03	240	164995	20.00	ng	0.00
86) Perylene-d12	15.47	264	119956	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	379945	107.91	ng	0.01
7) Phenol-d6	6.52	99	498983	115.78	ng	0.01
23) Nitrobenzene-d5	7.44	82	306942	81.68	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	155496	135.99	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	590566	79.01	ng	-0.01
78) Terphenyl-d14	12.98	244	673339	96.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	41140	26.93	ng	97
3) Pyridine	3.28	79	123843	32.79	ng	99
4) n-Nitrosodimethylamine	3.22	42	57312	39.78	ng	97
6) Aniline	6.53	93	135532	24.42	ng	# 38
8) 2-Chlorophenol	6.66	128	165613	39.52	ng	93
9) Benzaldehyde	6.41	77	49077	18.90	ng	97
10) Phenol	6.53	94	186997	38.88	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	130267	35.66	ng	95
12) 1,3-Dichlorobenzene	6.89	146	169461	37.60	ng	100
13) 1,4-Dichlorobenzene	6.81	146	165419	35.95	ng	97
14) 1,2-Dichlorobenzene	7.04	146	149598	39.93	ng	97
15) Benzyl Alcohol	7.01	79	131275	40.25	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	132242	35.10	ng	97
17) 2-Methylphenol	7.14	107	126228	38.40	ng	95
18) Hexachloroethane	7.38	117	61958	36.70	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	104037	41.41	ng	# 91
20) 3+4-Methylphenols	7.29	107	159547	41.30	ng	# 61
22) Acetophenone	7.28	105	209541	40.58	ng	96
24) Nitrobenzene	7.45	77	143323	36.88	ng	96
25) Isophorone	7.69	82	281020	39.74	ng	98
26) 2-Nitrophenol	7.77	139	80817	40.17	ng	# 86
27) 2,4-Dimethylphenol	7.81	122	145984	42.13	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	179103	42.82	ng	98
29) 2,4-Dichlorophenol	8.02	162	138077	43.92	ng	95
30) 1,2,4-Trichlorobenzene	8.10	180	133692	39.59	ng	95
31) Naphthalene	8.18	128	457340	42.19	ng	99
32) Benzoic acid	7.95	122	75415	55.63	ng	96
33) 4-Chloroaniline	8.22	127	85013	17.46	ng	# 92
34) Hexachlorobutadiene	8.29	225	73209	34.72	ng	99
35) Caprolactam	8.59	113	30615	29.47	ng	96
36) 4-Chloro-3-methylphenol	8.72	107	147903	41.55	ng	93
37) 2-Methylnaphthalene	8.86	142	302930	40.64	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	133579	40.82	ng	97
40) Hexachlorocyclopentadiene	9.02	237	73288	68.14	ng	97

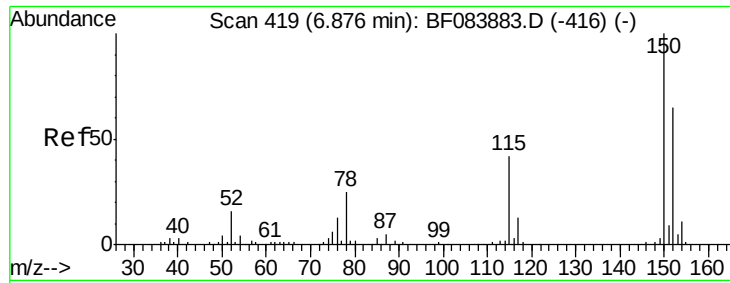
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
 Data File : BF083914.D
 Acq On : 18 Dec 2015 15:49
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	91499	42.35	ng	97
43) 2,4,5-Trichlorophenol	9.20	196	96396	45.08	ng	# 92
45) 1,1'-Biphenyl	9.33	154	400659	46.04	ng	98
46) 2-Chloronaphthalene	9.36	162	292917	42.87	ng	96
47) 2-Nitroaniline	9.45	65	75743	36.90	ng	91
48) Acenaphthylene	9.77	152	450241	37.21	ng	99
49) Dimethylphthalate	9.63	163	344570	39.56	ng	# 90
50) 2,6-Dinitrotoluene	9.70	165	81337	42.81	ng	90
51) Acenaphthene	9.94	154	311928	41.93	ng	100
52) 3-Nitroaniline	9.86	138	44880	22.41	ng	93
53) 2,4-Dinitrophenol	9.97	184	67243	96.19	ng	# 83
54) Dibenzofuran	10.11	168	401584	41.56	ng	# 89
55) 4-Nitrophenol	10.04	139	107456	85.95	ng	85
56) 2,4-Dinitrotoluene	10.10	165	99560	40.88	ng	95
57) Fluorene	10.45	166	313413	42.48	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	75733	47.87	ng	99
59) Diethylphthalate	10.34	149	377413	41.92	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	146400	39.53	ng	# 87
61) 4-Nitroaniline	10.48	138	72673	35.07	ng	98
62) Azobenzene	10.61	77	342920	45.44	ng	92
64) 4,6-Dinitro-2-methylphenol	10.51	198	49216	40.99	ng	78
65) n-Nitrosodiphenylamine	10.57	169	289946	40.16	ng	98
66) 4-Bromophenyl-phenylether	10.93	248	89055	36.72	ng	# 67
67) Hexachlorobenzene	11.01	284	107944	42.26	ng	93
68) Atrazine	11.09	200	89470	39.12	ng	99
69) Pentachlorophenol	11.21	266	98805	90.51	ng	99
70) Phenanthrene	11.41	178	464685	38.77	ng	100
71) Anthracene	11.47	178	498517	43.02	ng	99
72) Carbazole	11.62	167	434662	37.97	ng	99
73) Di-n-butylphthalate	11.95	149	562836	41.84	ng	# 97
74) Fluoranthene	12.60	202	472589	39.51	ng	100
76) Benzidine	12.72	184	157549	23.85	ng	99
77) Pyrene	12.83	202	484227	45.91	ng	100
79) Butylbenzylphthalate	13.45	149	247198	45.01	ng	99
80) Benzo(a)anthracene	14.02	228	419558	41.36	ng	100
81) 3,3'-Dichlorobenzidine	13.99	252	93516	24.66	ng	98
82) Chrysene	14.07	228	381410	38.92	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	336450	45.88	ng	99
84) Di-n-octyl phthalate	14.63	149	567911	49.49	ng	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	305403	41.68	ng	99
87) Benzo(b)fluoranthene	15.06	252	693949	79.35	ng	99
88) Benzo(k)fluoranthene	15.06	252	693949	96.19	ng	97
89) Benzo(a)pyrene	15.41	252	311891	43.19	ng	# 98
90) Dibenzo(a,h)anthracene	16.91	278	255058	45.40	ng	97
91) Benzo(g,h,i)perylene	17.33	276	251729	45.72	ng	100

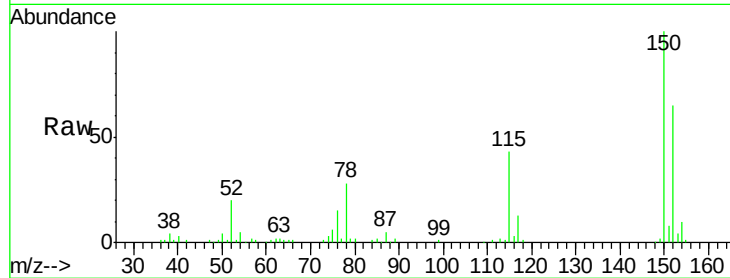
(#) = qualifier out of range (m) = manual integration (+) = signals summed



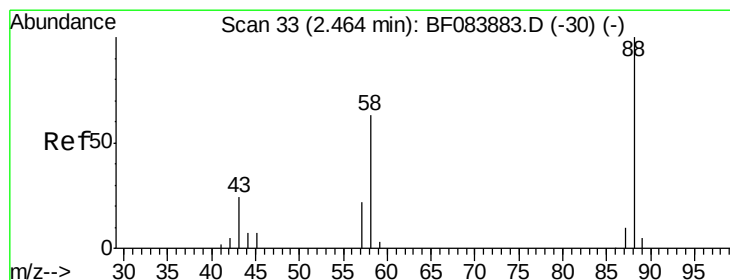
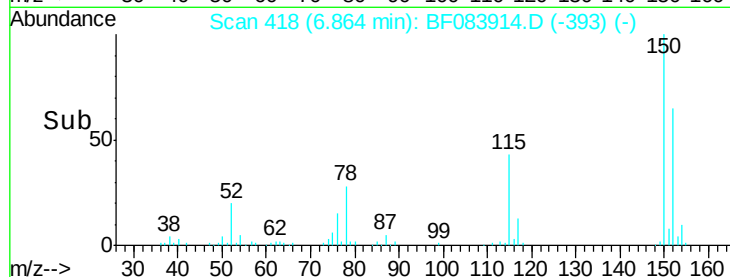
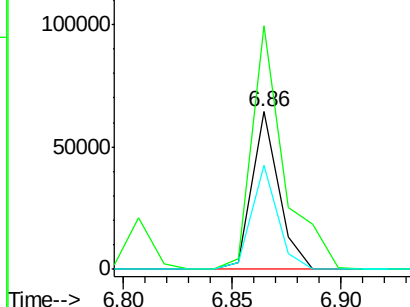
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tgt Ion:152 Resp: 55103
Ion Ratio Lower Upper
152 100
150 154.8 123.0 184.4
115 66.0 51.4 77.2

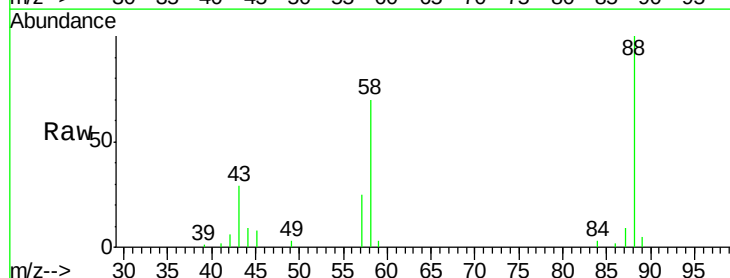


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

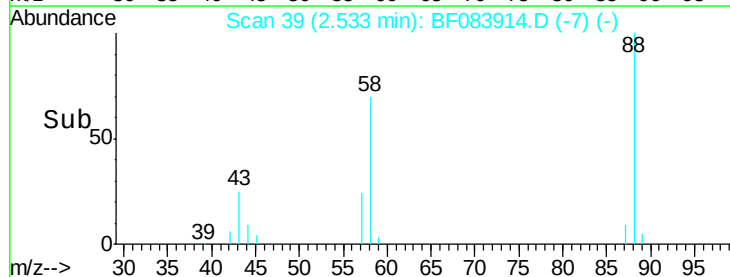
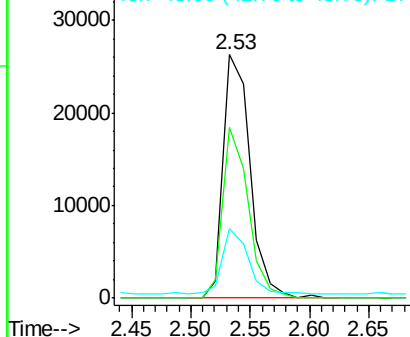


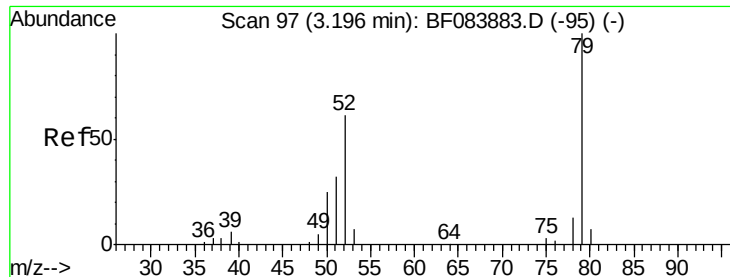
#2
1,4-Dioxane
Concen: 26.93 ng
RT: 2.53 min Scan# 39
Delta R.T. 0.07 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion: 88 Resp: 41140
Ion Ratio Lower Upper
88 100
58 66.5 51.2 76.8
43 26.4 19.5 29.3



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





#3

Pyridine

Concen: 32.79 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.08 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

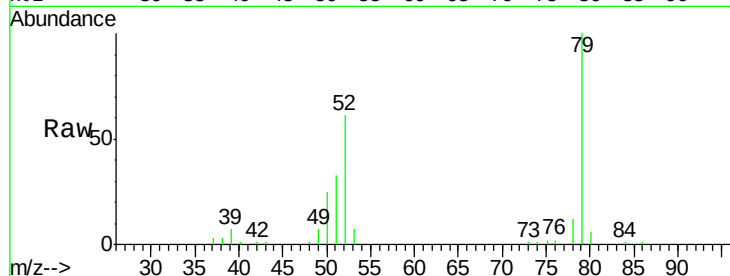
Tgt Ion: 79 Resp: 123843

Ion Ratio Lower Upper

79 100

52 60.8 49.0 73.4

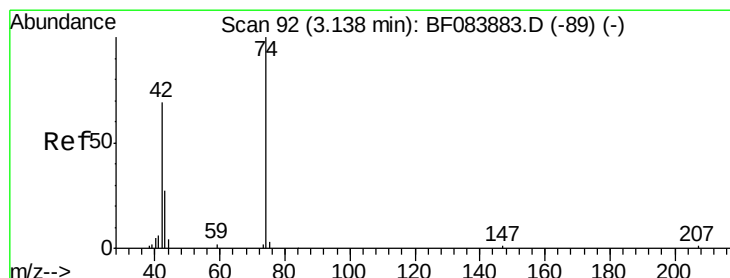
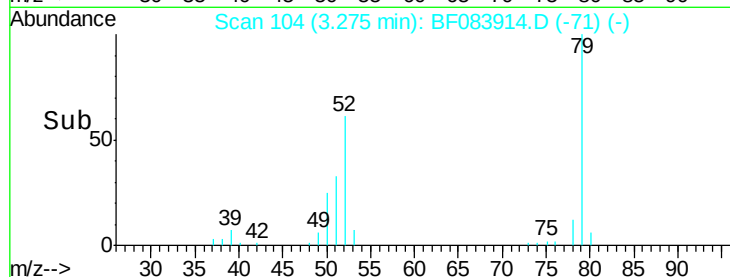
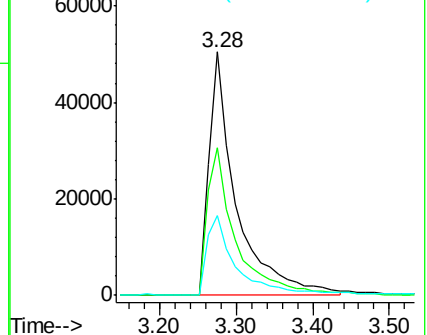
51 32.6 25.2 37.8



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: 39.78 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.08 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

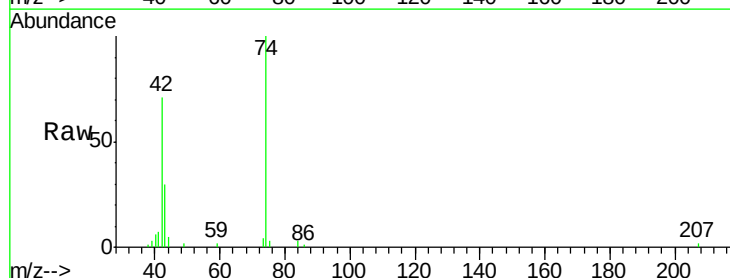
Tgt Ion: 42 Resp: 57312

Ion Ratio Lower Upper

42 100

74 141.0 115.7 173.5

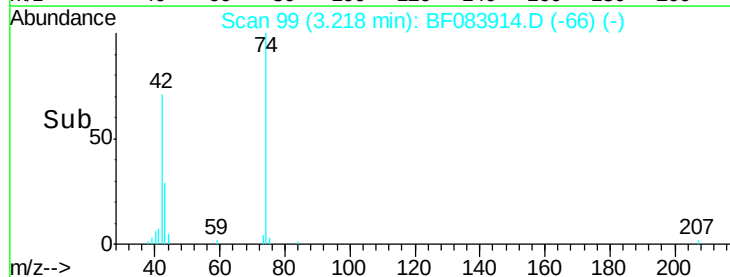
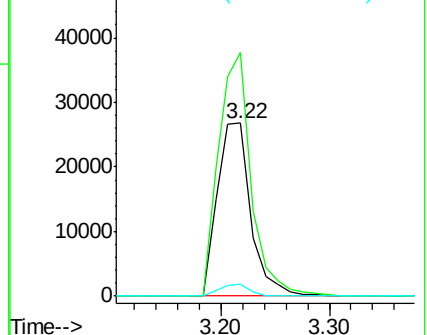
44 6.7 5.1 7.7

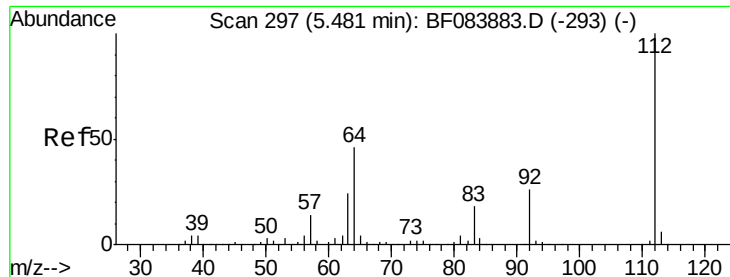


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 107.91 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

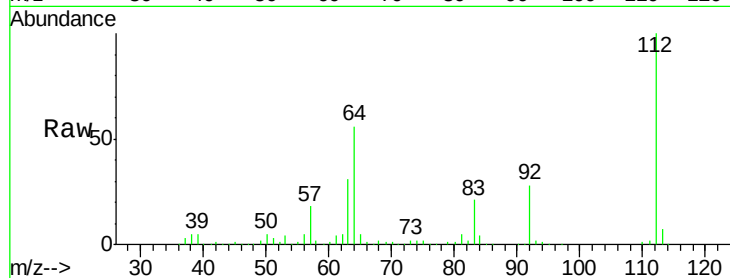
Tgt Ion: 112 Resp: 379945

Ion Ratio Lower Upper

112 100

64 56.0 36.6 55.0#

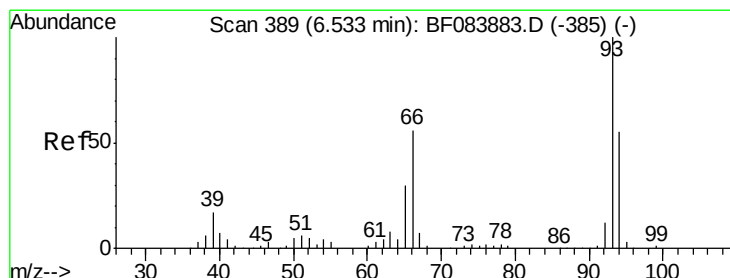
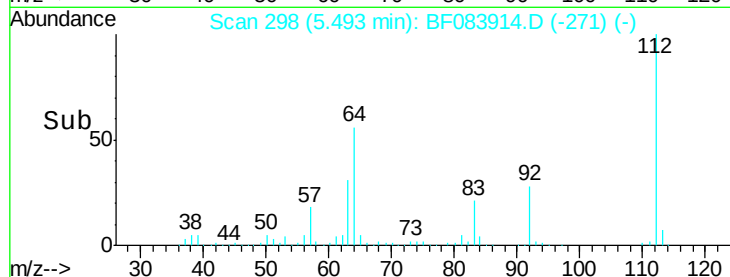
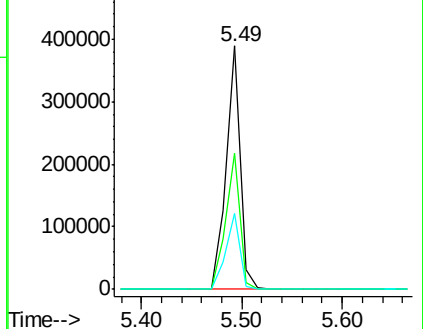
63 30.9 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.42 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

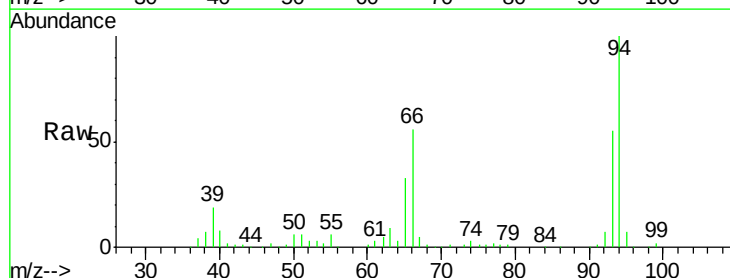
Tgt Ion: 93 Resp: 135532

Ion Ratio Lower Upper

93 100

66 102.9 44.9 67.3#

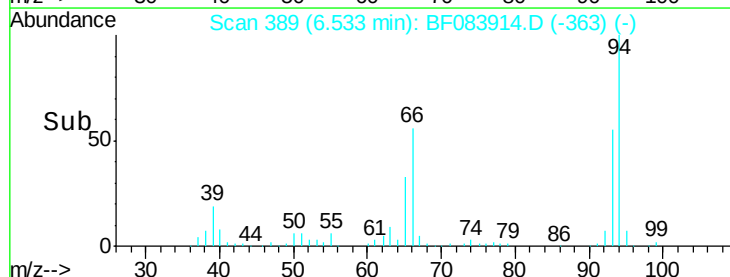
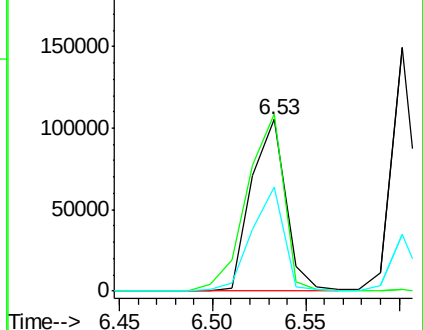
65 61.0 23.7 35.5#

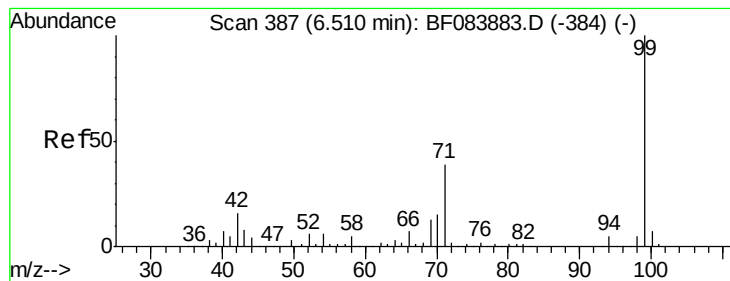


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.78 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

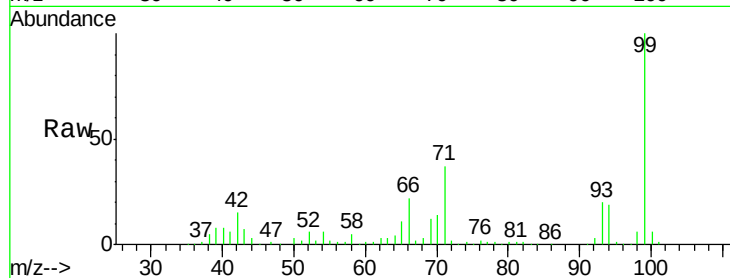
Tgt Ion: 99 Resp: 498983

Ion Ratio Lower Upper

99 100

42 14.6 12.8 19.2

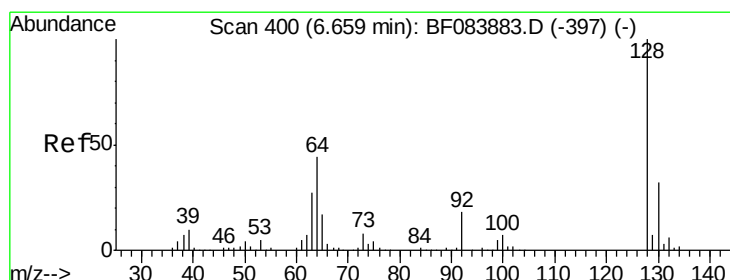
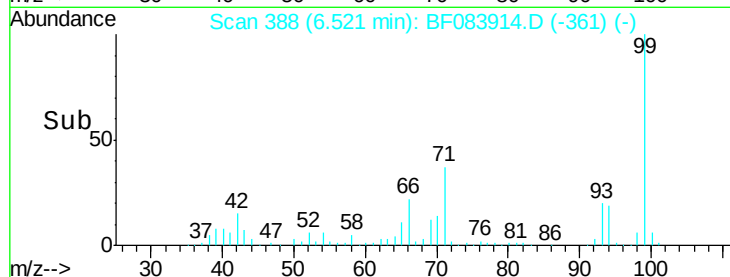
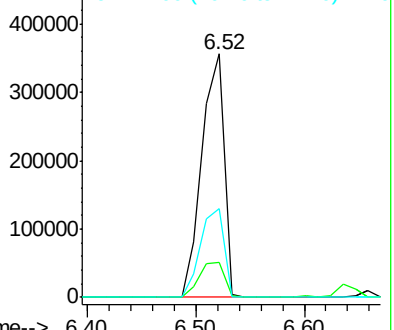
71 36.6 30.9 46.3



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: 39.52 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

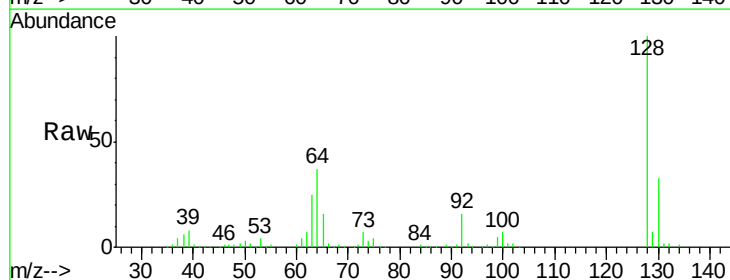
Tgt Ion: 128 Resp: 165613

Ion Ratio Lower Upper

128 100

130 32.9 11.6 51.6

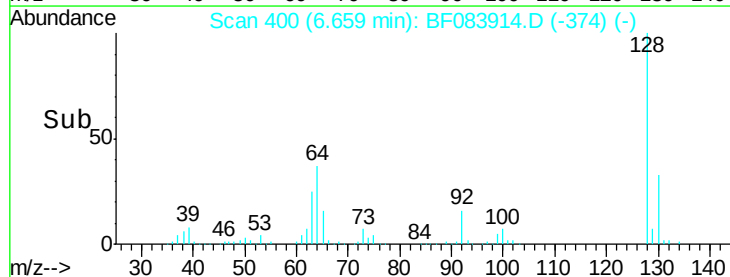
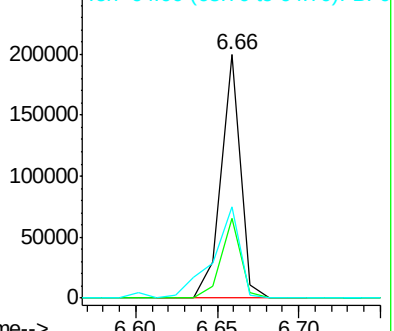
64 37.4 23.8 63.8

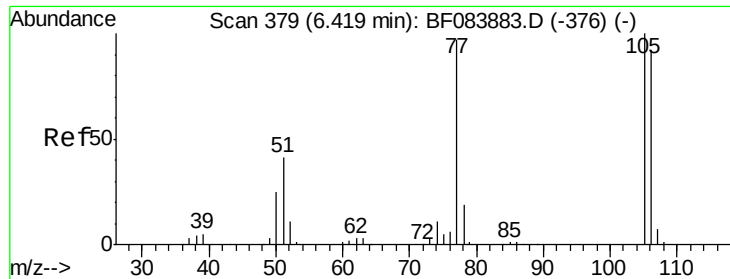


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.90 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

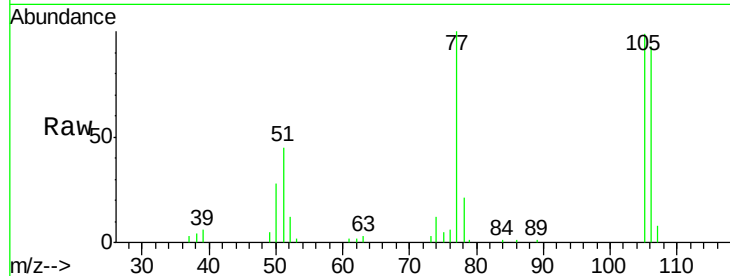
Tgt Ion: 77 Resp: 49077

Ion Ratio Lower Upper

77 100

105 98.7 83.0 123.0

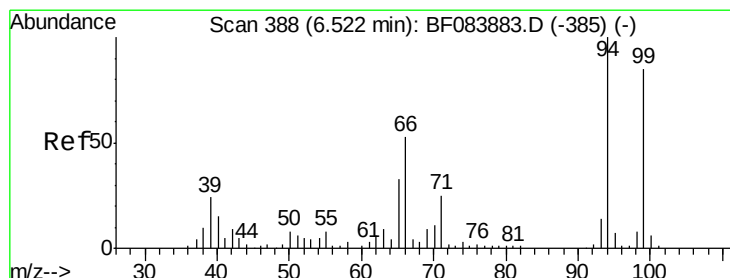
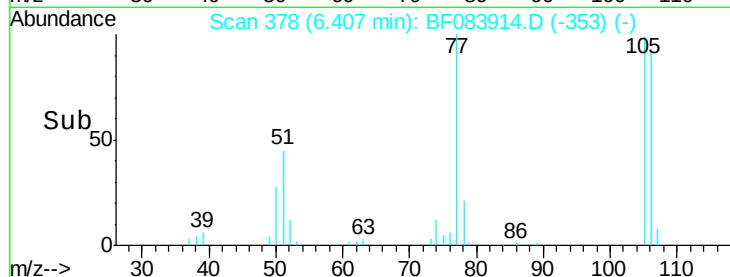
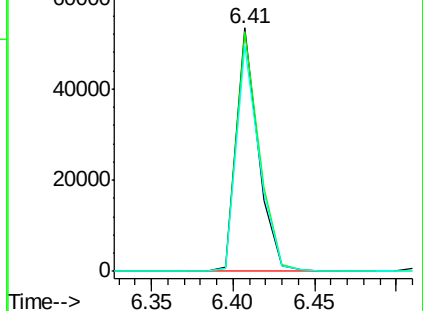
106 92.5 74.6 114.6



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: 38.88 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

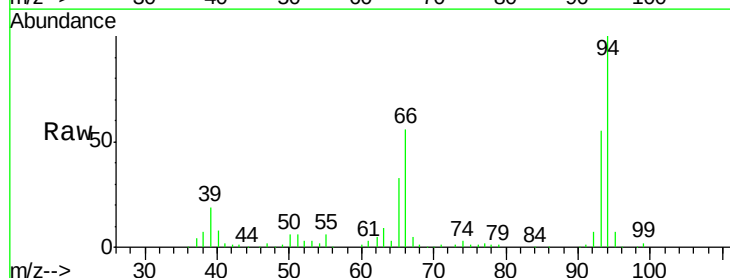
Tgt Ion: 94 Resp: 186997

Ion Ratio Lower Upper

94 100

65 33.5 12.9 52.9

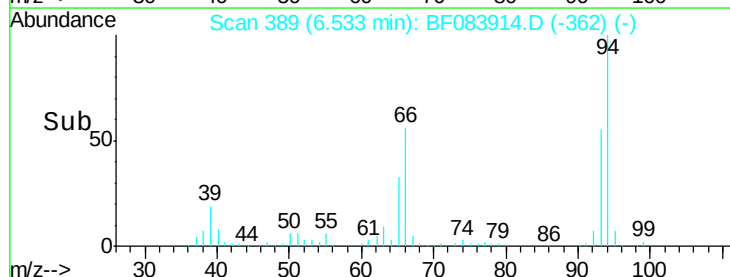
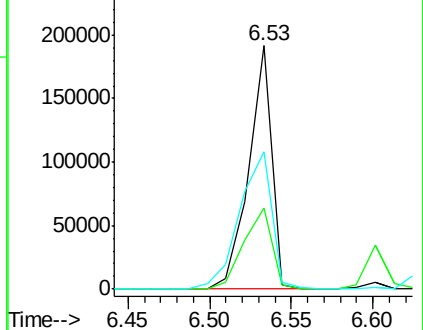
66 56.5 32.7 72.7

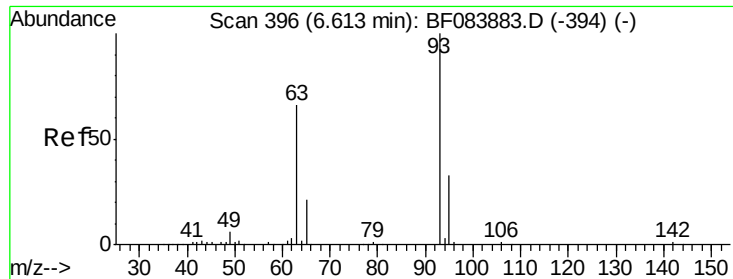


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

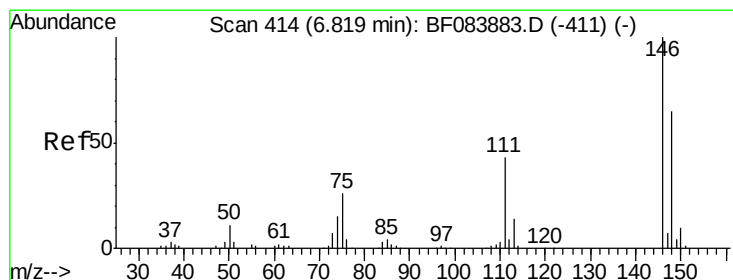
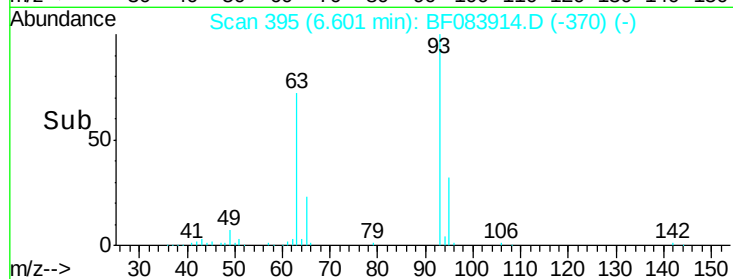
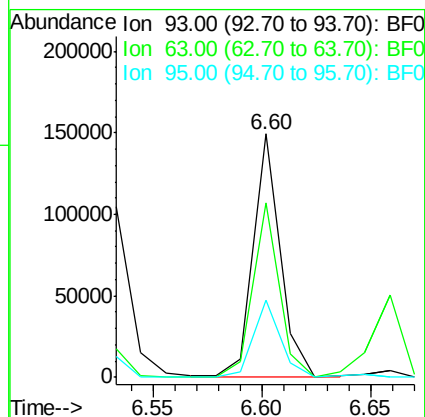
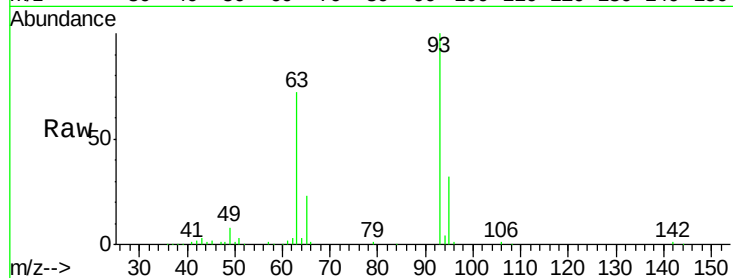




#11
bis(2-Chloroethyl)ether
Concen: 35.66 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

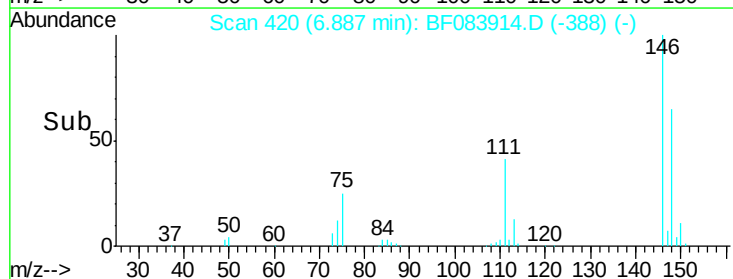
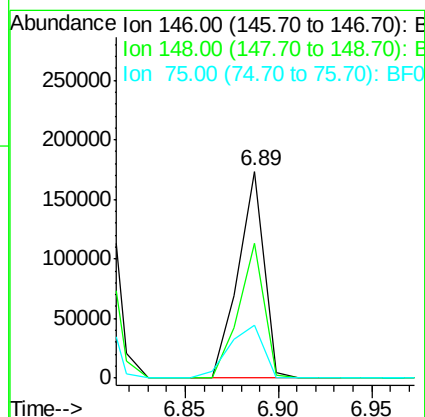
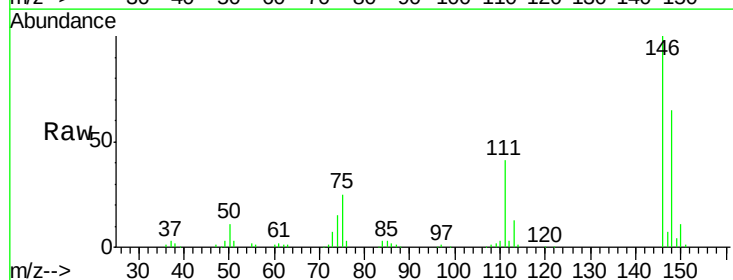
Instrument :
BNA_F
ClientSampleId :
PB87340BSD

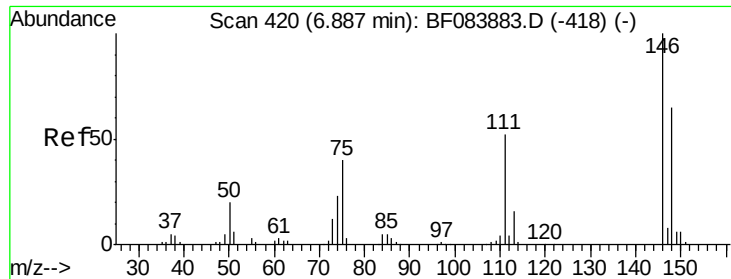
Tgt Ion:	93	Resp:	130267
Ion	Ratio	Lower	Upper
93	100		
63	71.9	45.9	85.9
95	31.7	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 37.60 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.07 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion:	146	Resp:	169461
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
75	25.5	20.5	30.7

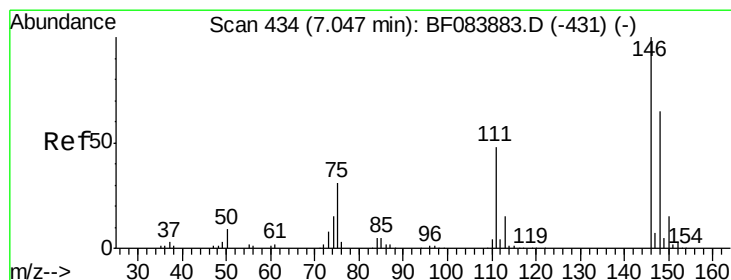
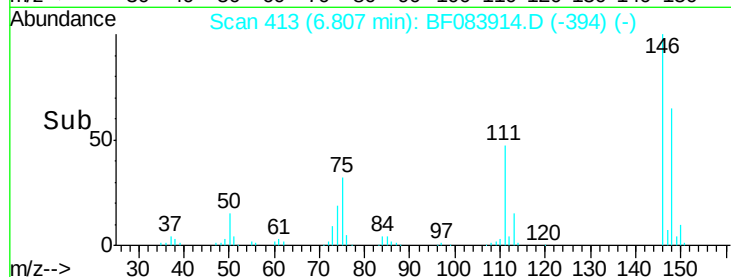
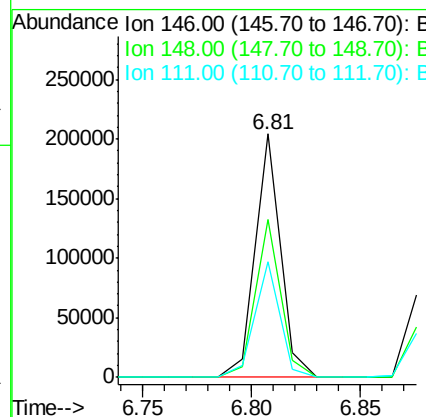
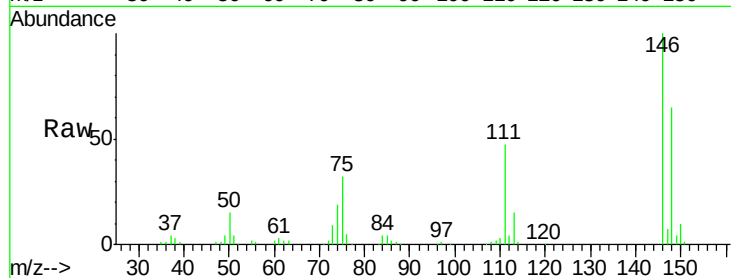




#13
 1,4-Dichlorobenzene
 Concen: 35.95 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.08 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

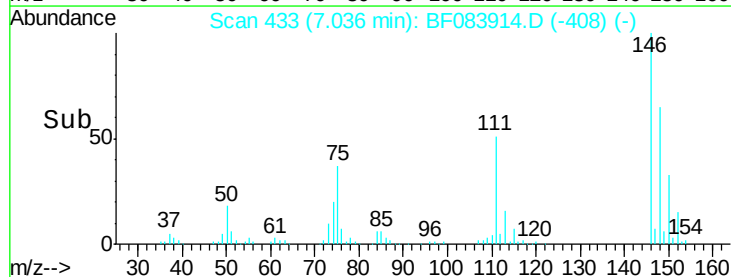
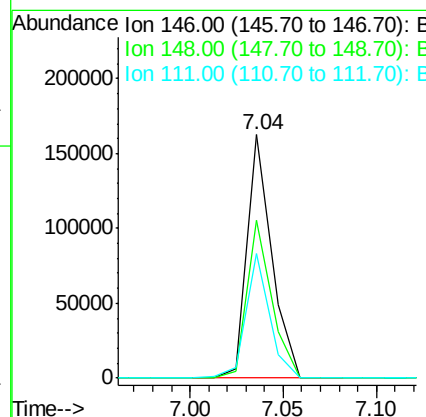
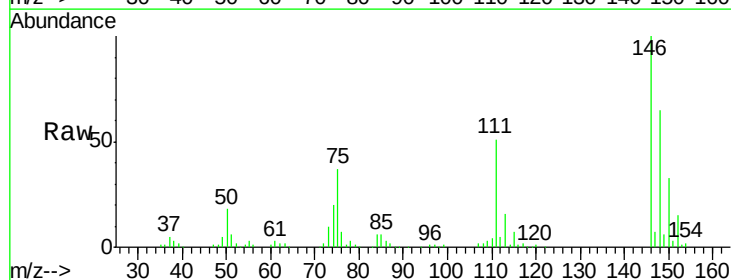
Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

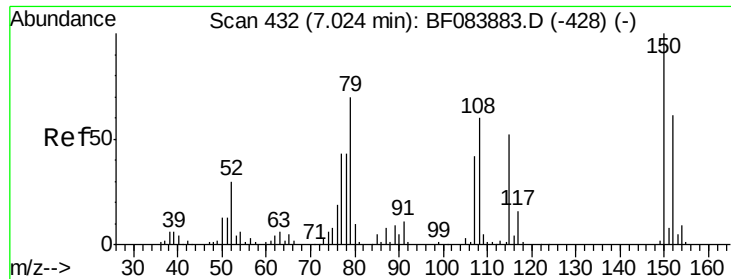
Tgt Ion:146 Resp: 165419
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.9 77.9
 111 47.2 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 39.93 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.01 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion:146 Resp: 149598
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.6 77.4
 111 51.3 38.0 57.0

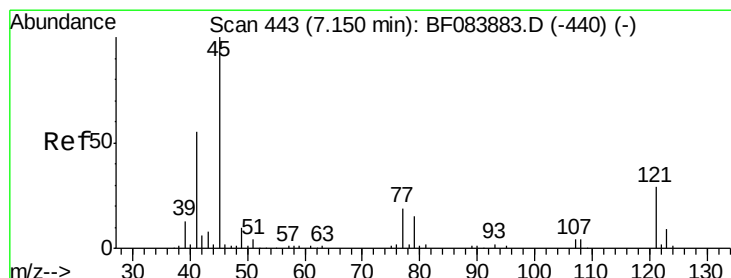
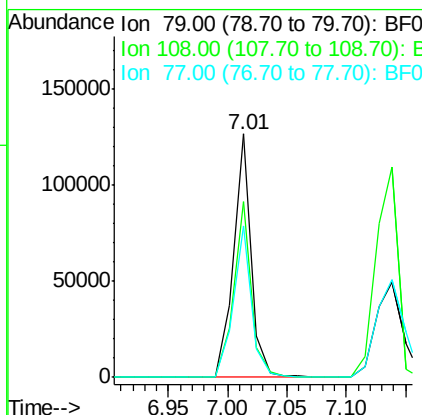
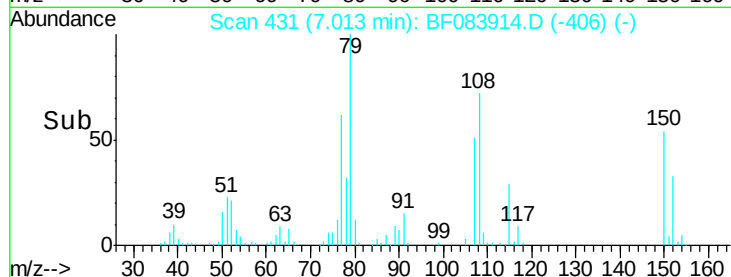
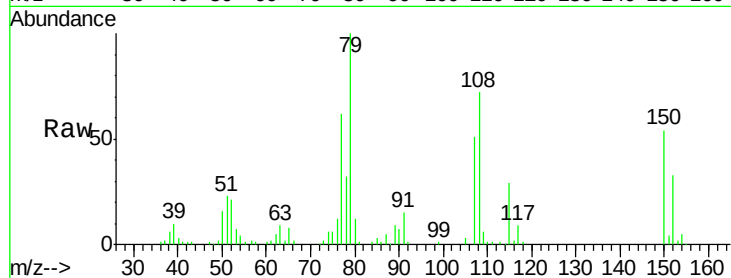




#15
Benzyl Alcohol
Concen: 40.25 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

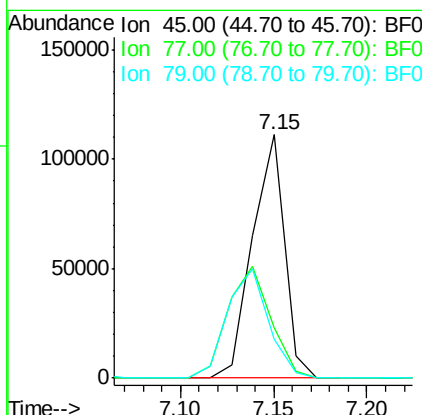
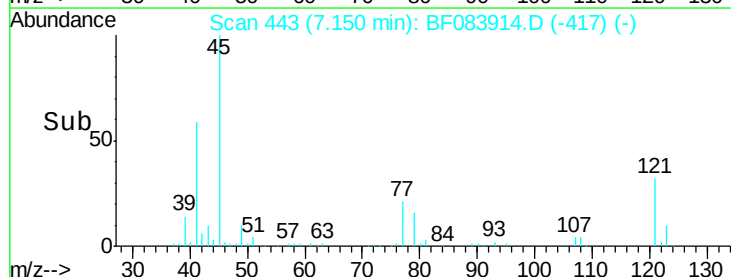
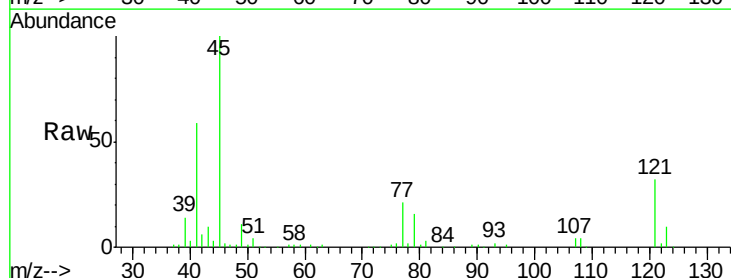
Instrument :
BNA_F
ClientSampleId :
PB87340BSD

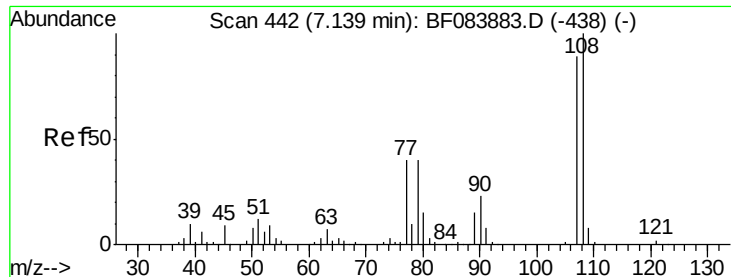
Tgt Ion: 79 Resp: 131275
Ion Ratio Lower Upper
79 100
108 72.3 69.0 103.4
77 62.2 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.10 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion: 45 Resp: 132242
Ion Ratio Lower Upper
45 100
77 20.9 0.0 39.6
79 15.9 0.0 35.0

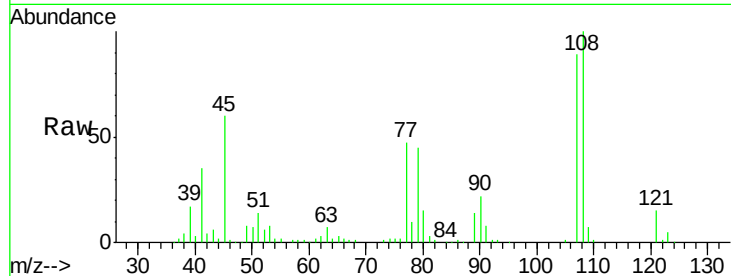




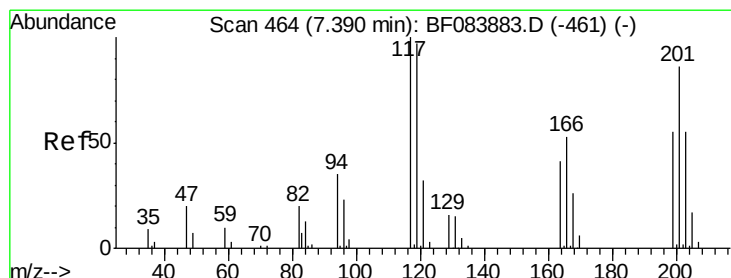
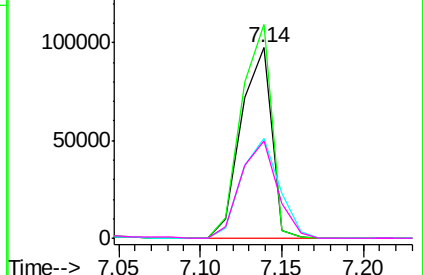
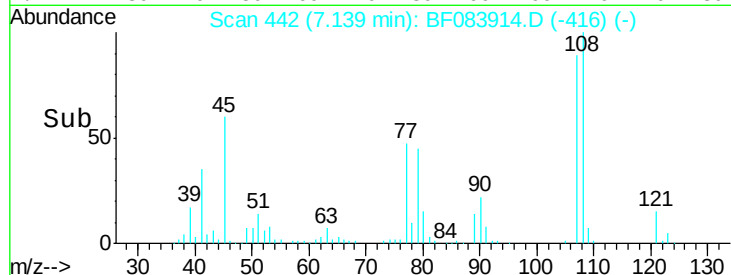
#17
2-Methylphenol
Concen: 38.40 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tgt Ion:107 Resp: 126228
Ion Ratio Lower Upper
107 100
108 112.1 89.8 134.6
77 52.5 35.7 53.5
79 50.9 35.7 53.5

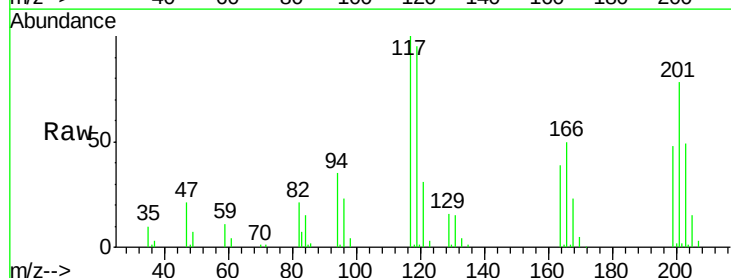


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

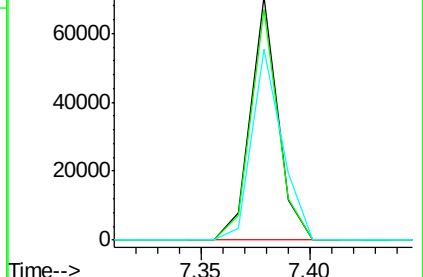
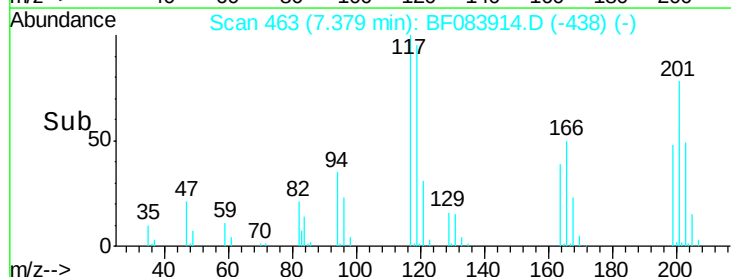


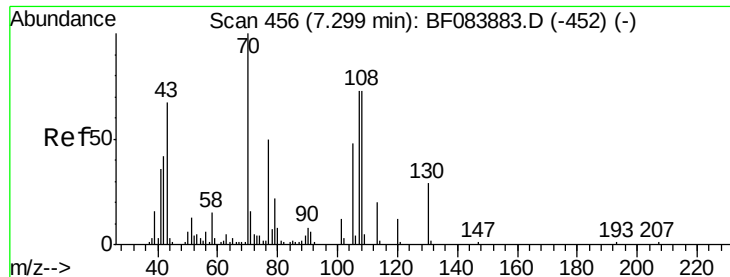
#18
Hexachloroethane
Concen: 36.70 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion:117 Resp: 61958
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.0
201 78.4 68.6 103.0



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

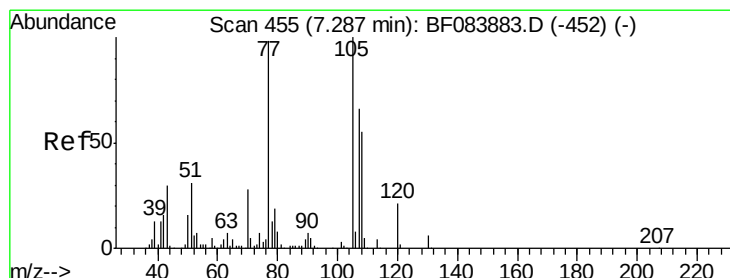
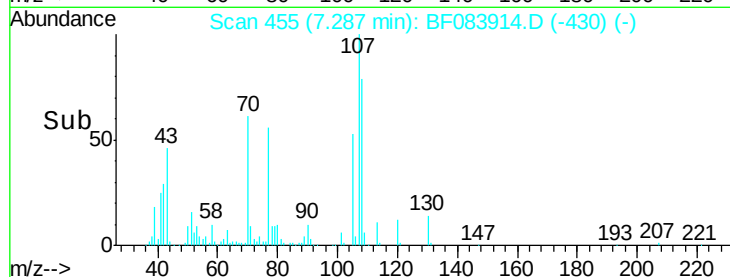
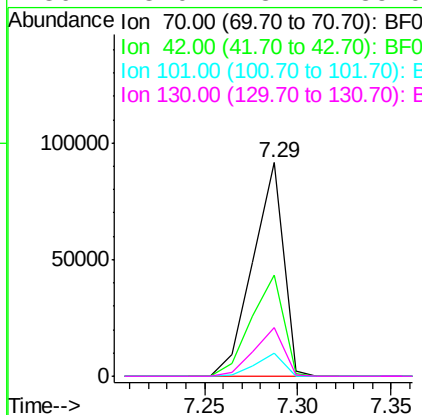
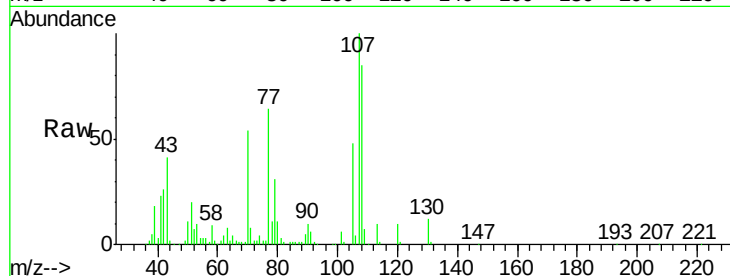




#19
n-Nitroso-di-n-propylamine
Concen: 41.41 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

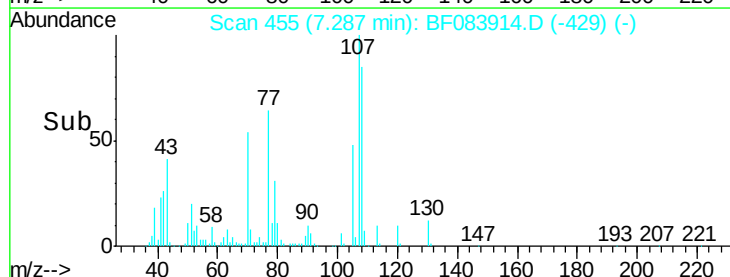
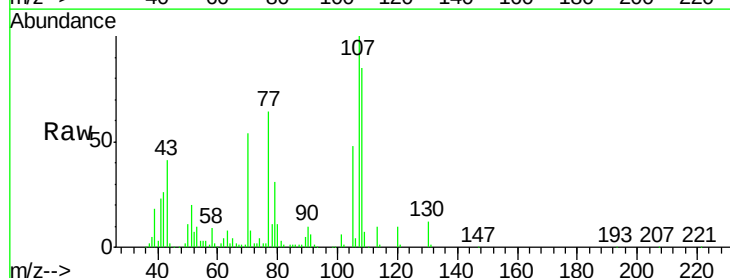
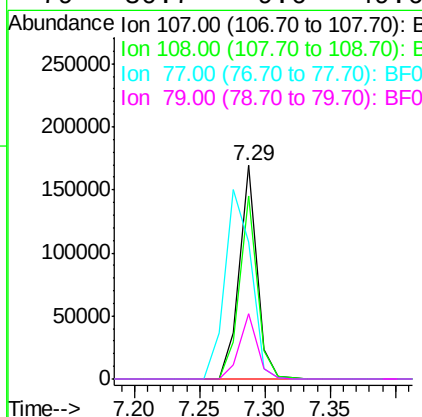
Instrument :
BNA_F
ClientSampleId :
PB87340BSD

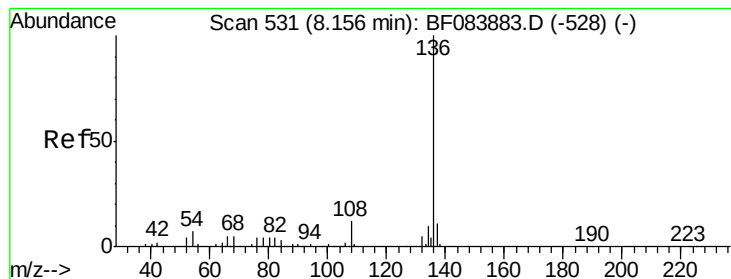
Tgt Ion: 70 Resp: 104037
Ion Ratio Lower Upper
70 100
42 47.3 33.3 49.9
101 10.6 9.3 13.9
130 23.0 23.4 35.0#



#20
3+4-Methylphenols
Concen: 41.30 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion: 107 Resp: 159547
Ion Ratio Lower Upper
107 100
108 85.5 64.1 104.1
77 64.4 128.9 168.9#
79 30.7 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

Tgt Ion:136 Resp: 214476

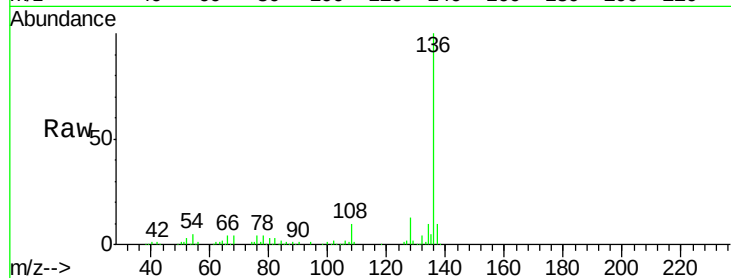
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 4.5 5.8 8.8#

68 3.9 4.2 6.2#

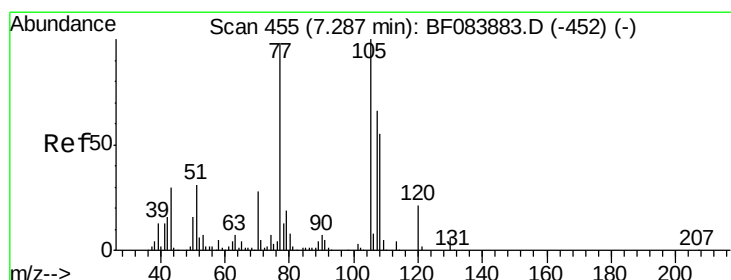
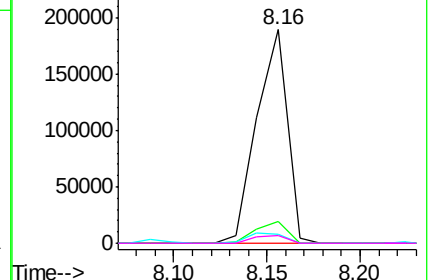
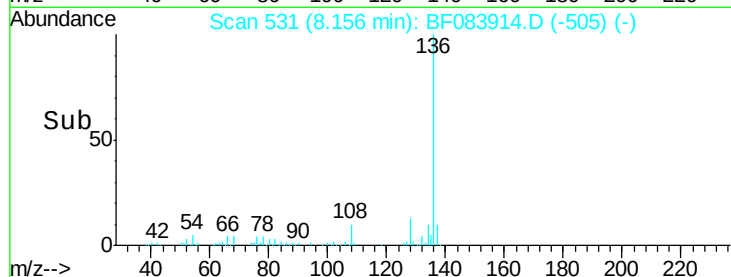


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.58 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Tgt Ion:105 Resp: 209541

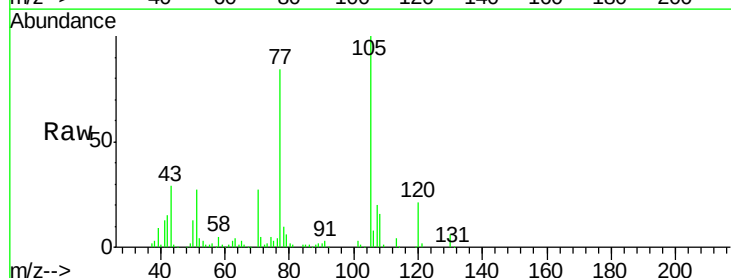
Ion Ratio Lower Upper

105 100

71 4.5 3.7 5.5

51 27.3 25.1 37.7

120 20.6 16.6 25.0

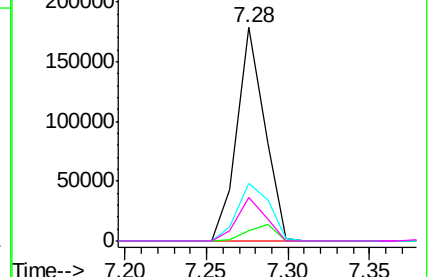
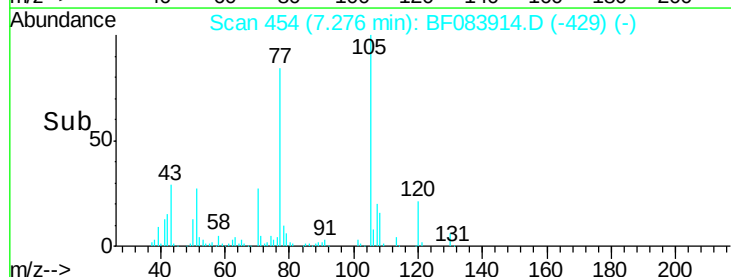


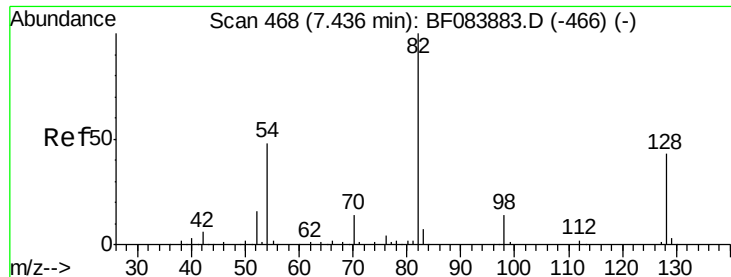
Abundance Ion 105.00 (104.70 to 105.70): E

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

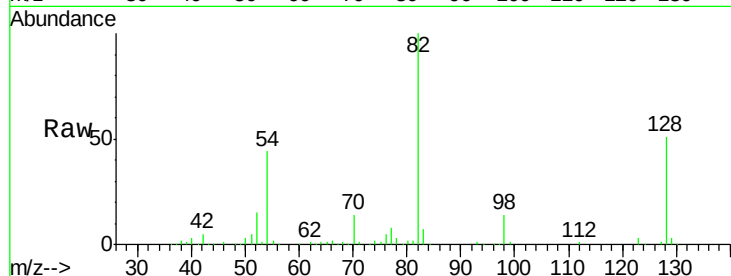




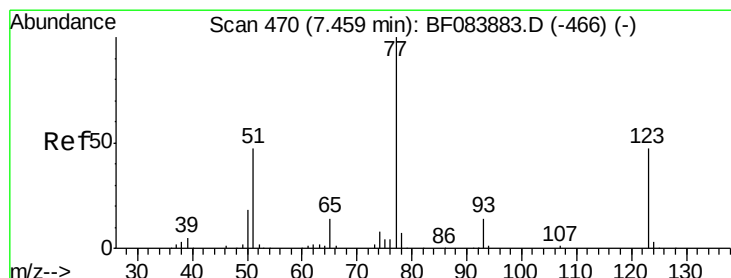
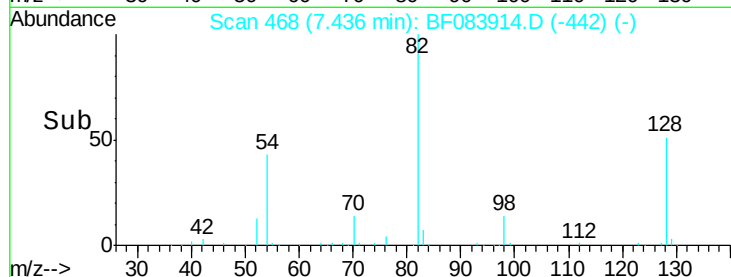
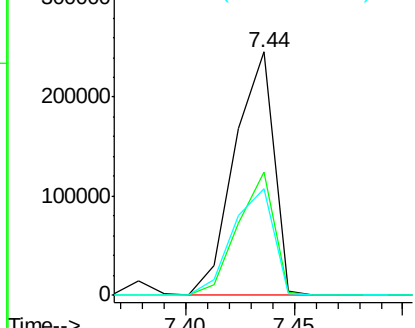
#23
 Nitrobenzene-d5
 Concen: 81.68 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Tgt Ion: 82 Resp: 306942
 Ion Ratio Lower Upper
 82 100
 128 50.9 34.6 51.8
 54 43.9 38.4 57.6

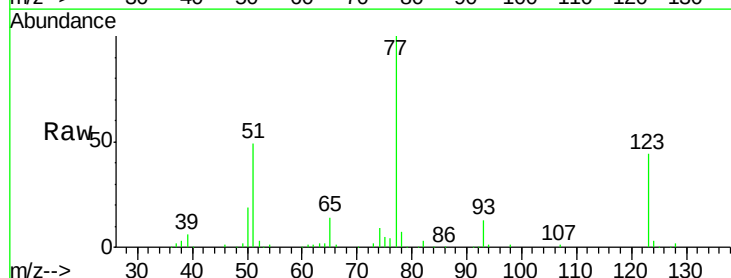


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

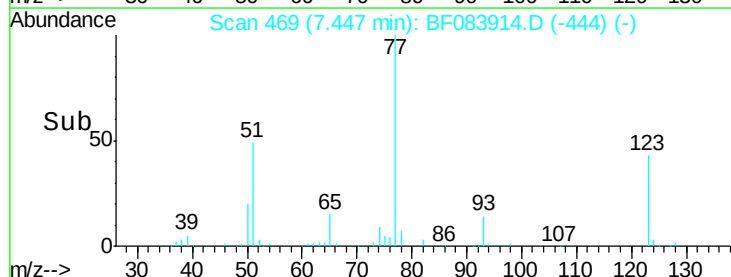
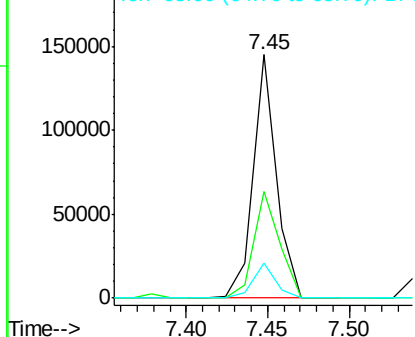


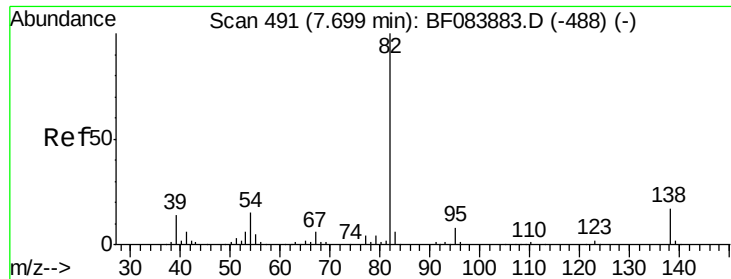
#24
 Nitrobenzene
 Concen: 36.88 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion: 77 Resp: 143323
 Ion Ratio Lower Upper
 77 100
 123 43.7 37.4 56.2
 65 14.3 10.9 16.3



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





#25

Isophorone

Concen: 39.74 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

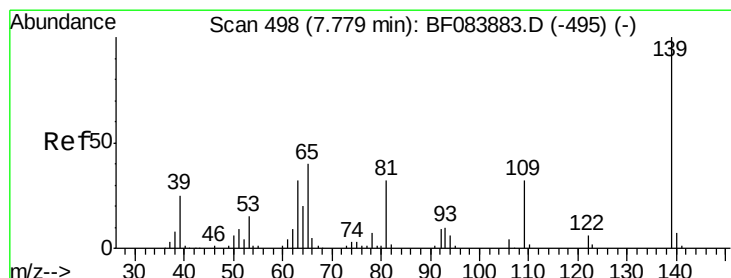
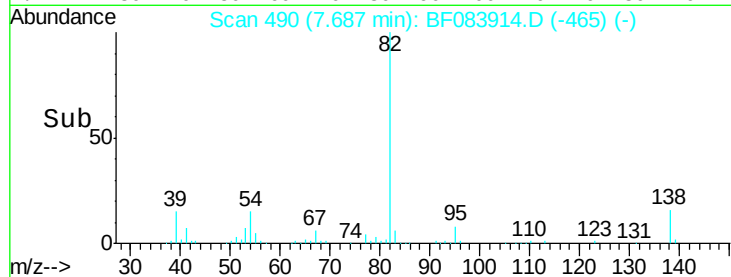
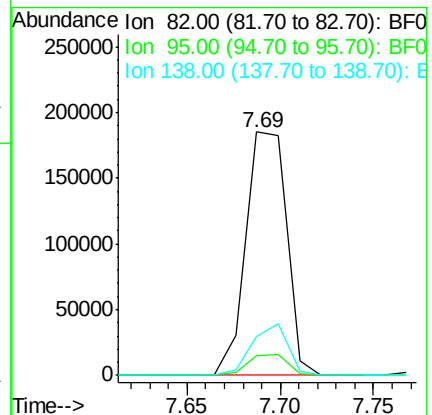
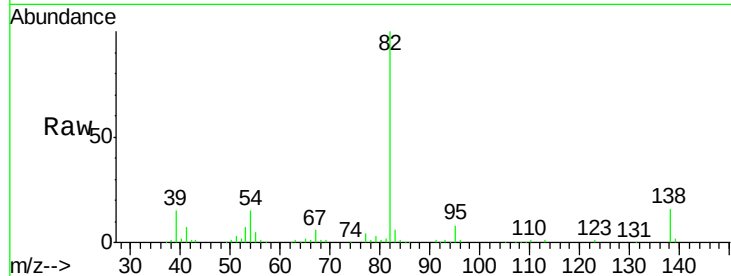
Tgt Ion: 82 Resp: 281020

Ion Ratio Lower Upper

82 100

95 8.0 6.6 10.0

138 16.0 13.6 20.4



#26

2-Nitrophenol

Concen: 40.17 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

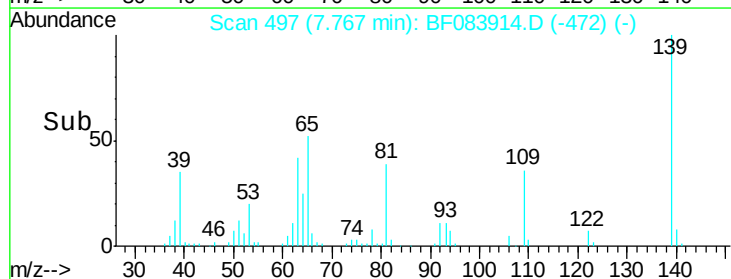
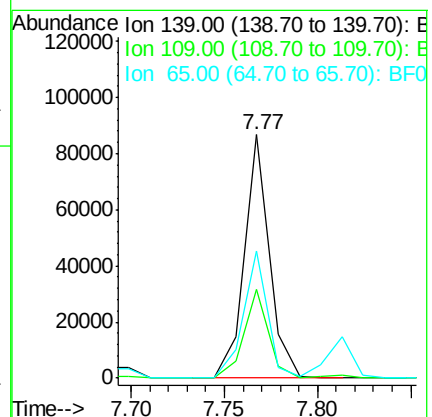
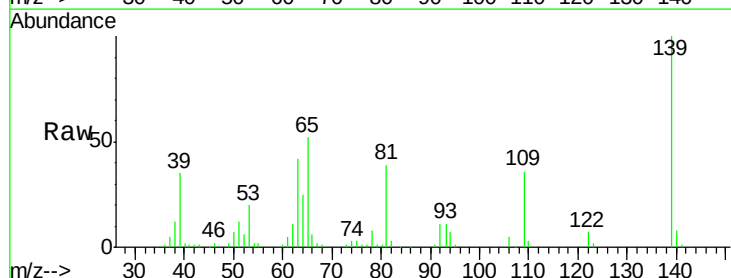
Tgt Ion: 139 Resp: 80817

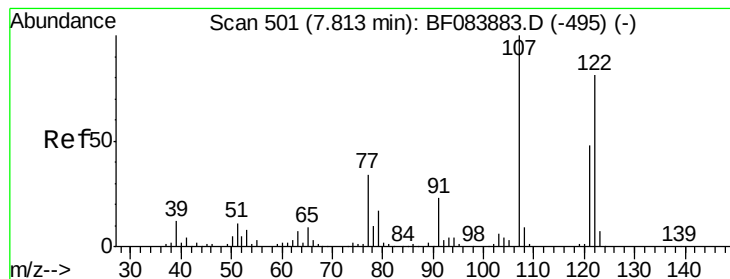
Ion Ratio Lower Upper

139 100

109 36.4 25.4 38.2

65 52.2 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 42.13 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

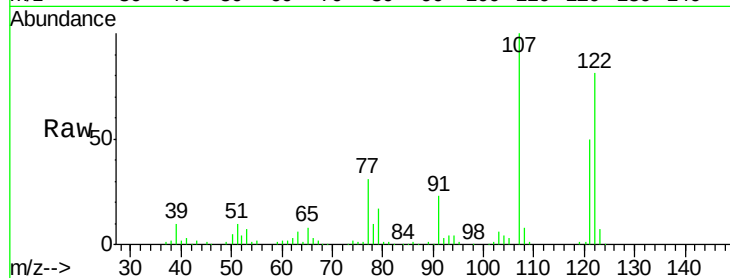
Tgt Ion:122 Resp: 145984

Ion Ratio Lower Upper

122 100

107 123.2 99.1 148.7

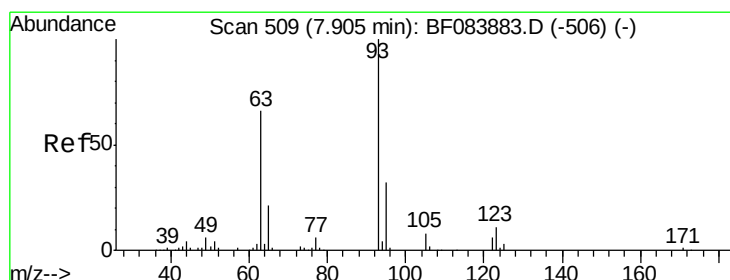
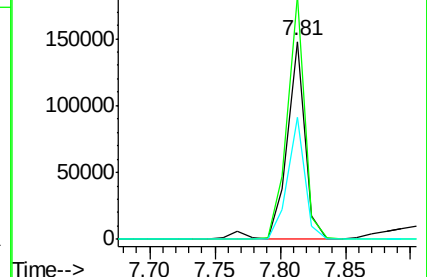
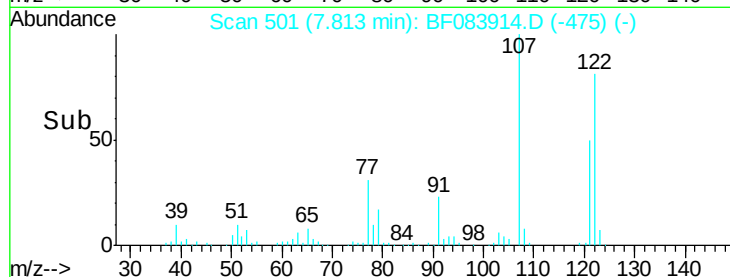
121 61.9 47.9 71.9



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: 42.82 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

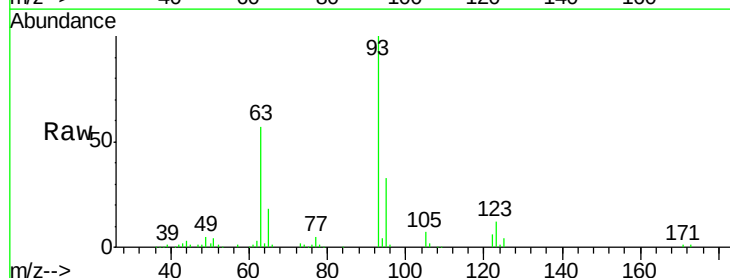
Tgt Ion: 93 Resp: 179103

Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.6

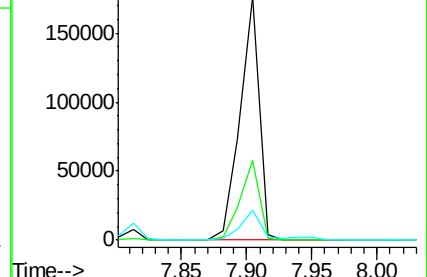
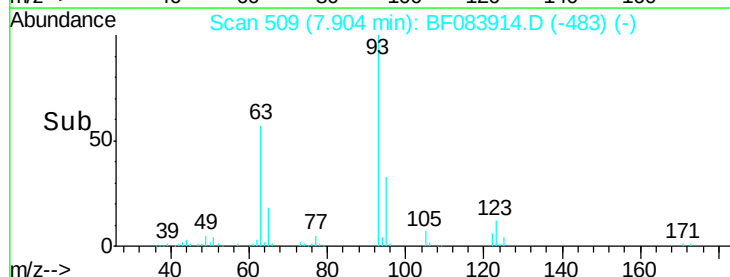
123 12.1 8.6 12.8

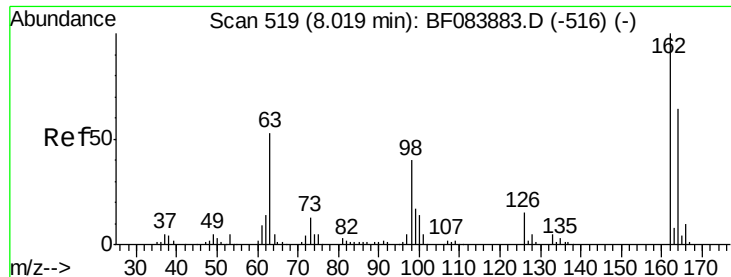


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

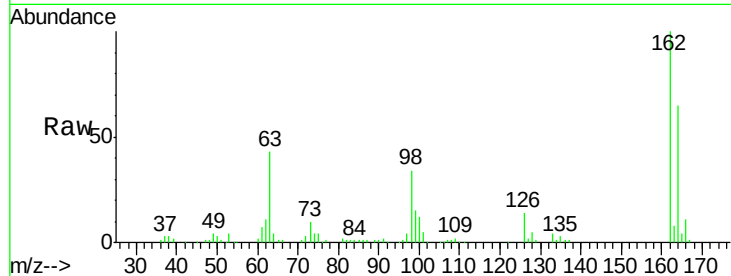




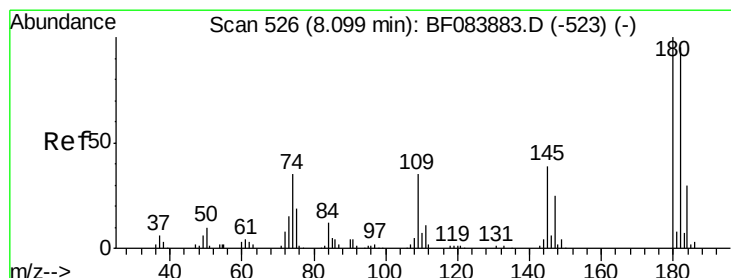
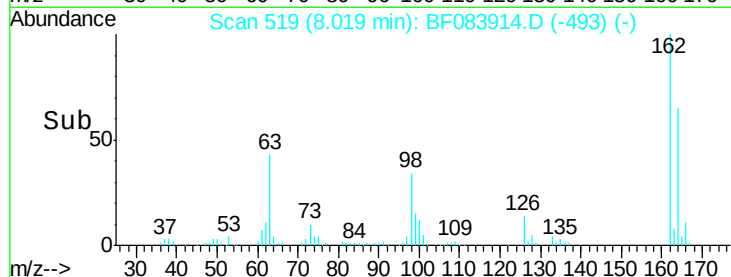
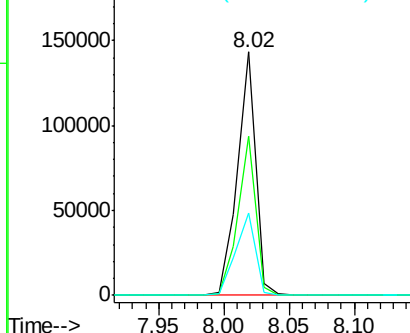
#29
 2,4-Dichlorophenol
 Concen: 43.92 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.1	84.1
98	33.9	20.2	60.2

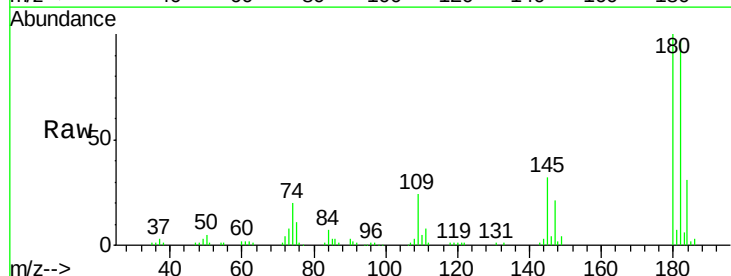


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

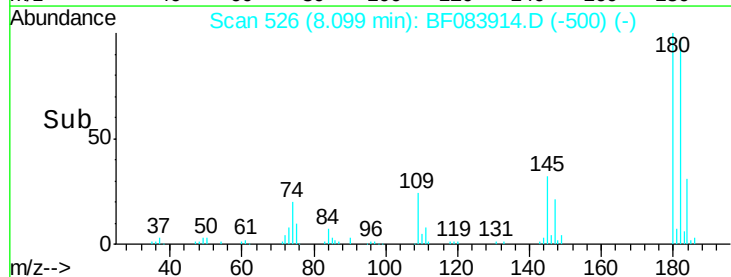
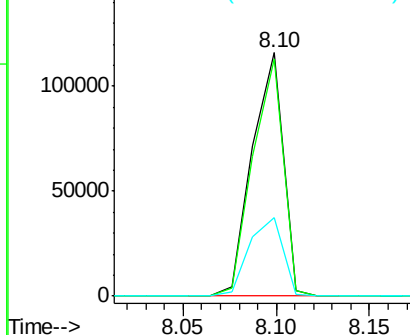


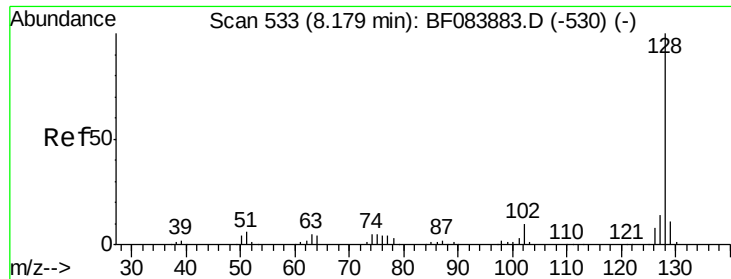
#30
 1,2,4-Trichlorobenzene
 Concen: 39.59 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.4	114.6
145	32.2	31.6	47.4



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

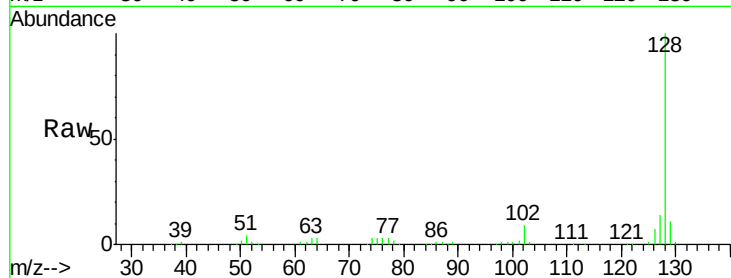




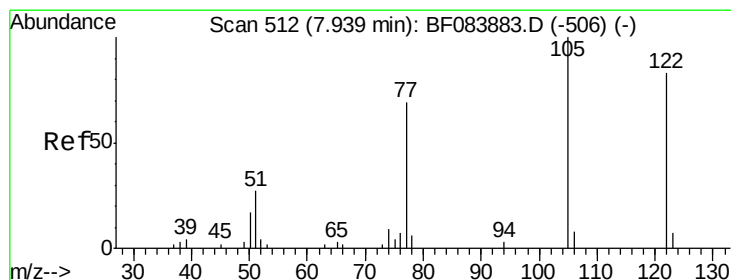
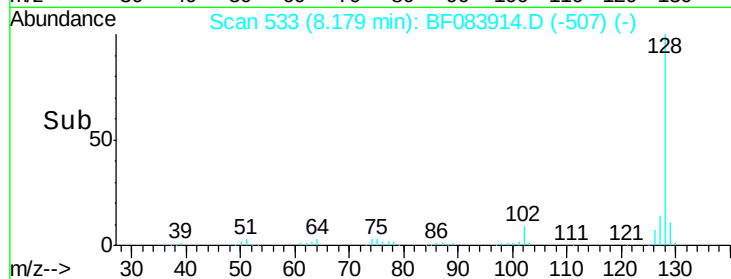
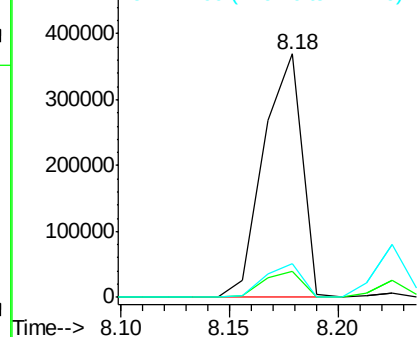
#31
Naphthalene
Concen: 42.19 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tgt Ion:128 Resp: 457340
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.9 11.1 16.7

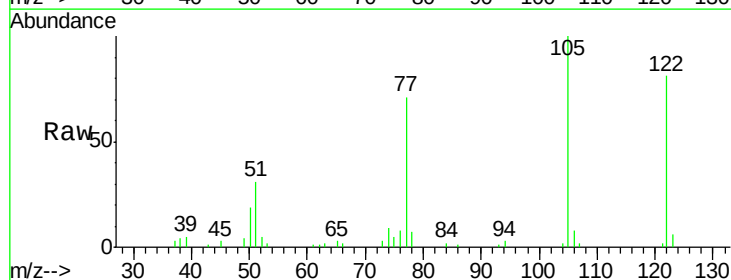


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

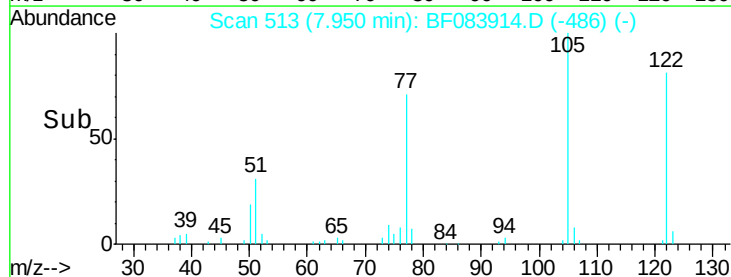
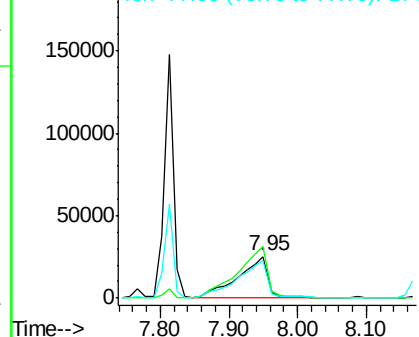


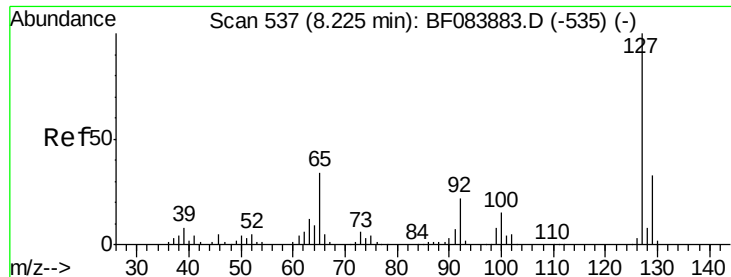
#32
Benzoic acid
Concen: 55.63 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion:122 Resp: 75415
Ion Ratio Lower Upper
122 100
105 123.5 100.3 140.3
77 88.0 63.5 103.5



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

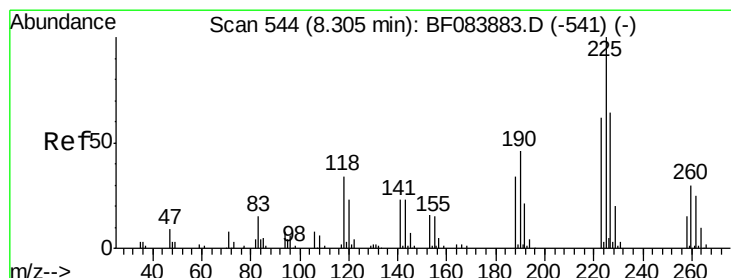
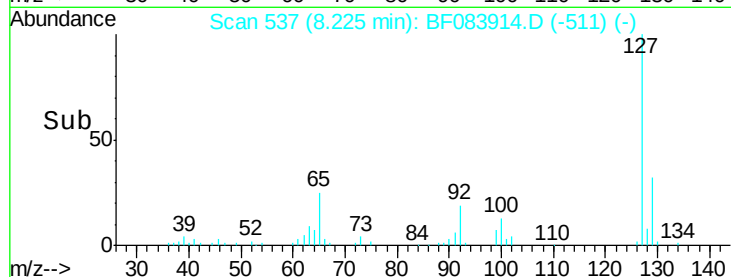
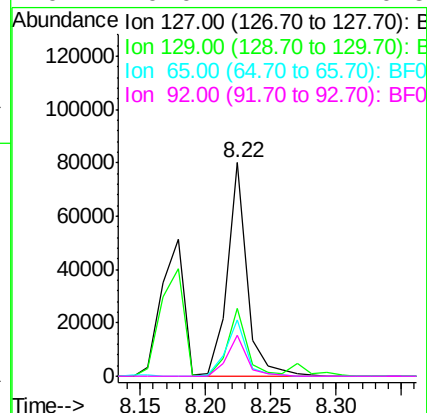
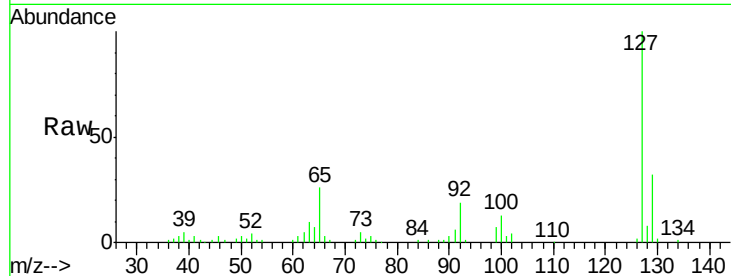




#33
4-Chloroaniline
Concen: 17.46 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

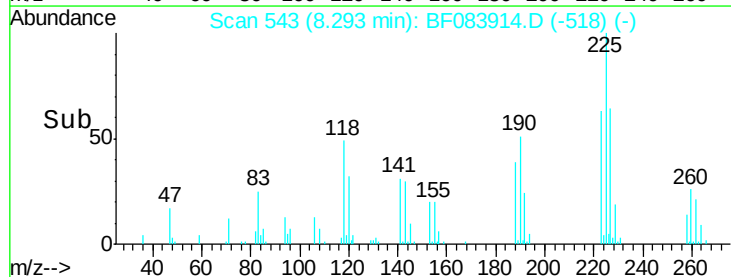
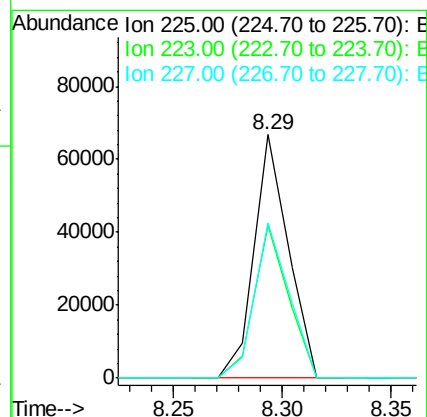
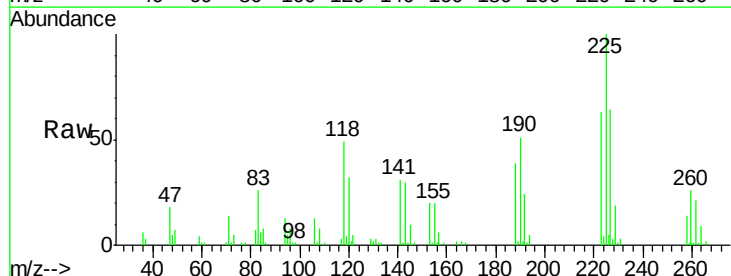
Instrument :
BNA_F
ClientSampleId :
PB87340BSD

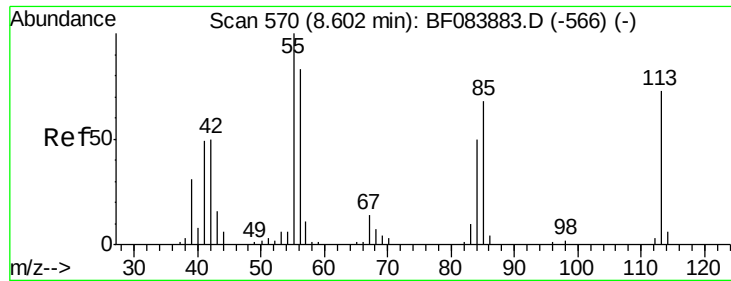
Tgt Ion:	127	Resp:	85013
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.5	39.7
65	26.2	27.2	40.8#
92	19.0	17.7	26.5



#34
Hexachlorobutadiene
Concen: 34.72 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion:	225	Resp:	73209
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.0
227	64.0	50.8	76.2

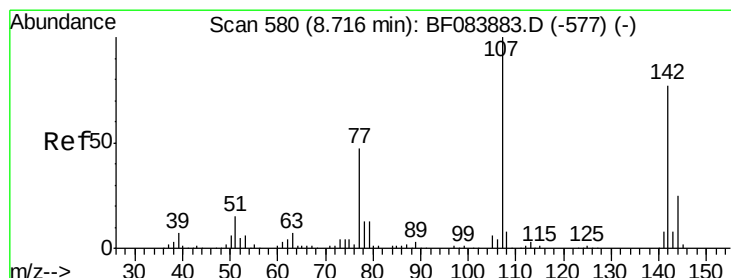
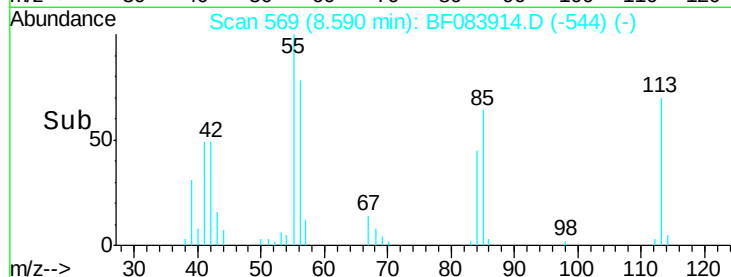
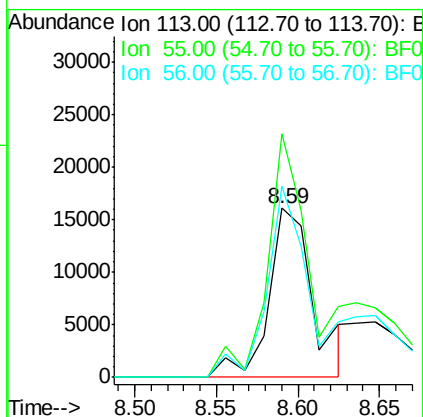
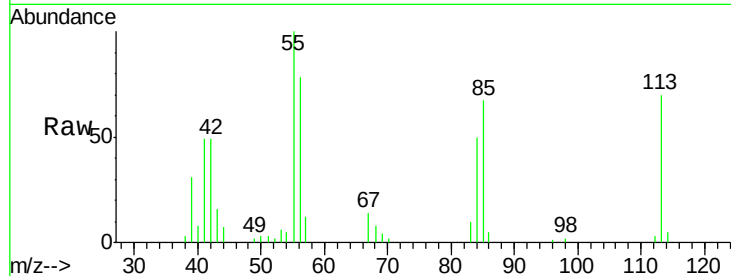




#35
 Caprolactam
 Concen: 29.47 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

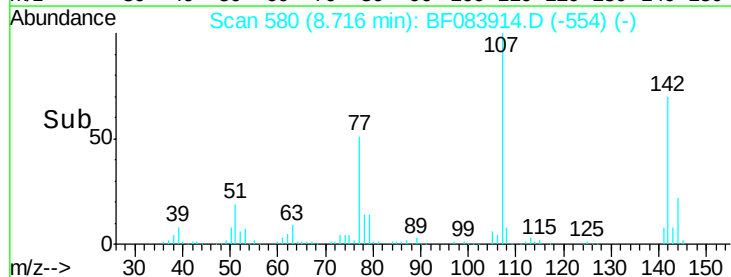
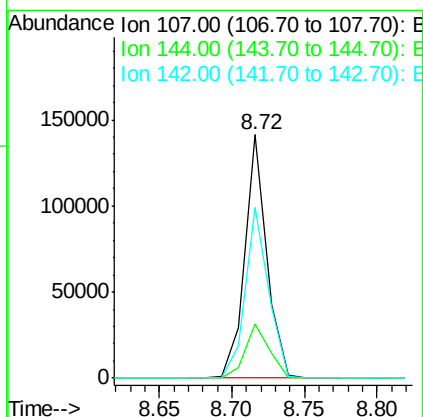
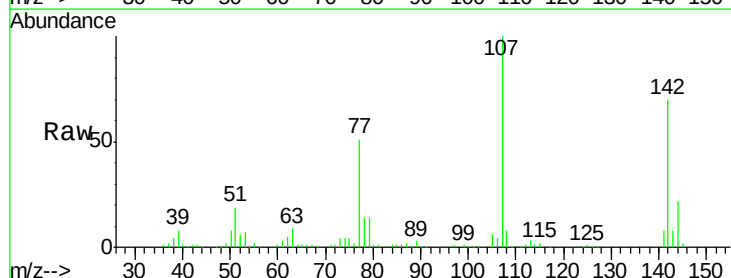
Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

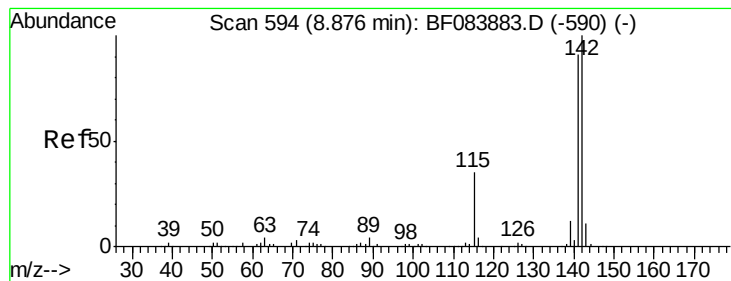
Tgt Ion:113 Resp: 30615
 Ion Ratio Lower Upper
 113 100
 55 143.8 116.9 156.9
 56 112.6 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 41.55 ng
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion:107 Resp: 147903
 Ion Ratio Lower Upper
 107 100
 144 22.4 19.7 29.5
 142 69.9 61.8 92.6





#37

2-Methylnaphthalene

Concen: 40.64 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

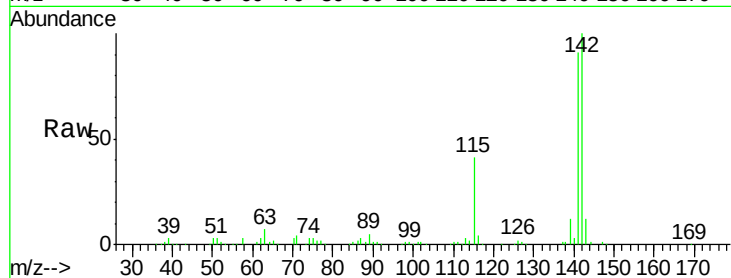
Tgt Ion:142 Resp: 302930

Ion Ratio Lower Upper

142 100

141 91.4 72.4 108.6

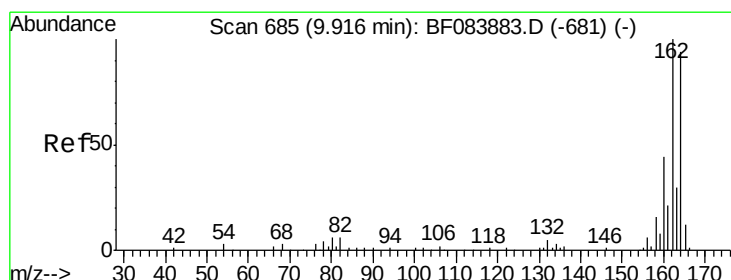
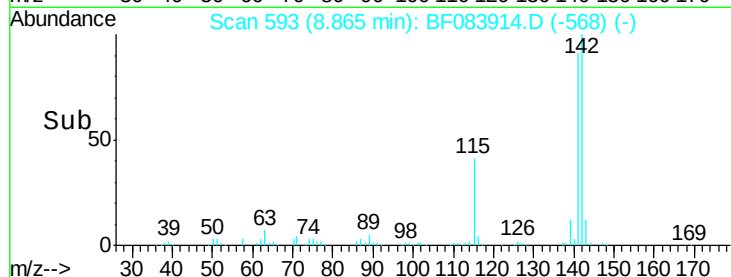
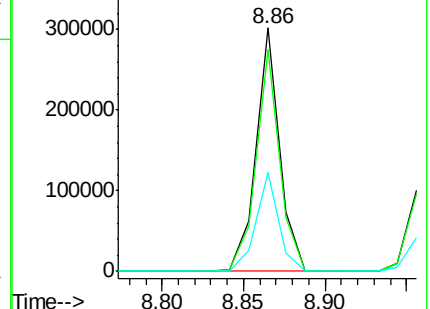
115 40.8 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

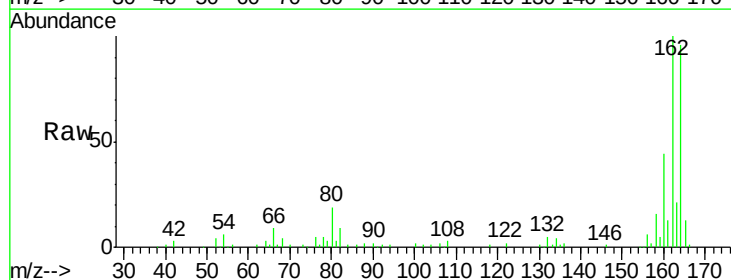
Tgt Ion:164 Resp: 103791

Ion Ratio Lower Upper

164 100

162 104.6 85.1 127.7

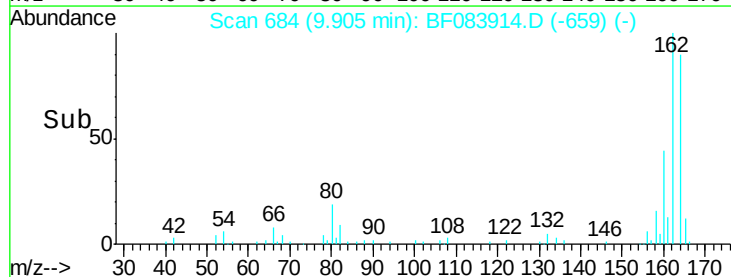
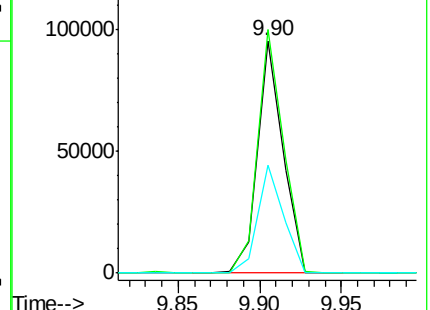
160 46.5 37.5 56.3

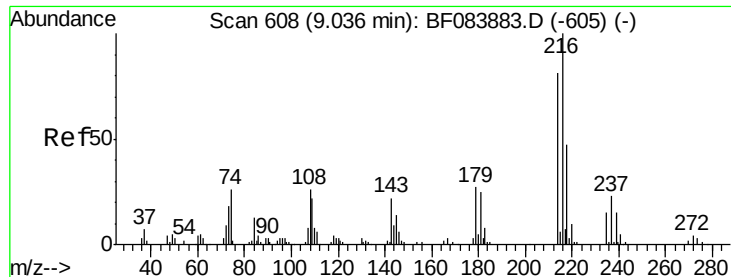


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

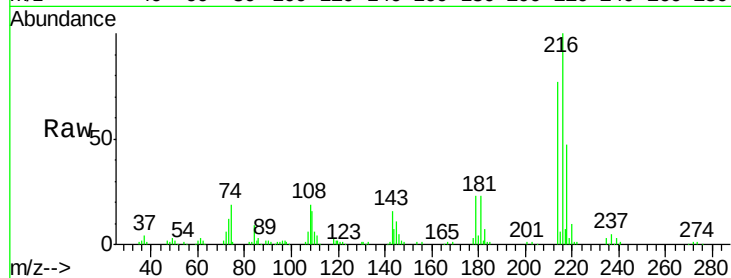




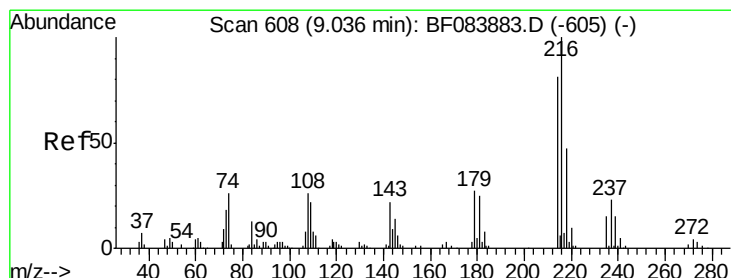
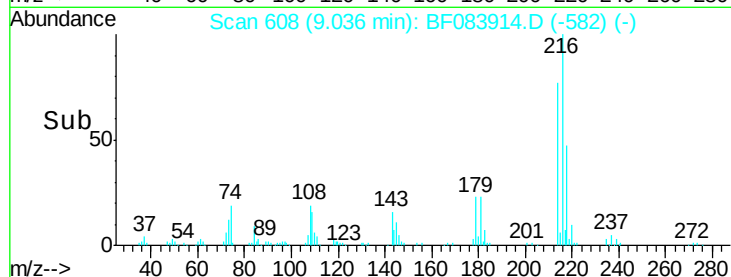
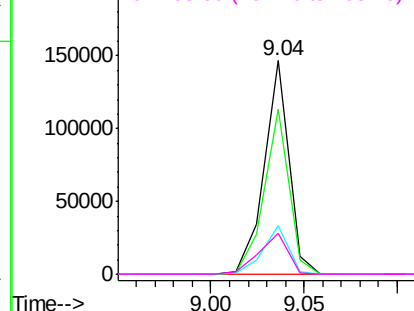
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.82 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Tgt Ion:	216	Resp:	133579
Ion	Ratio	Lower	Upper
216	100		
214	77.7	64.2	96.2
179	23.6	18.7	28.1
108	23.1	16.8	25.2

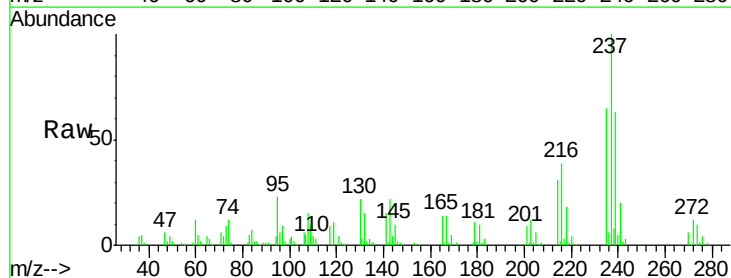


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

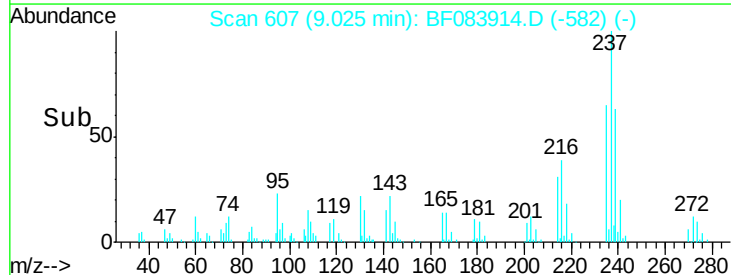
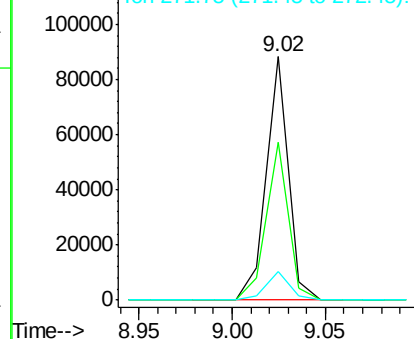


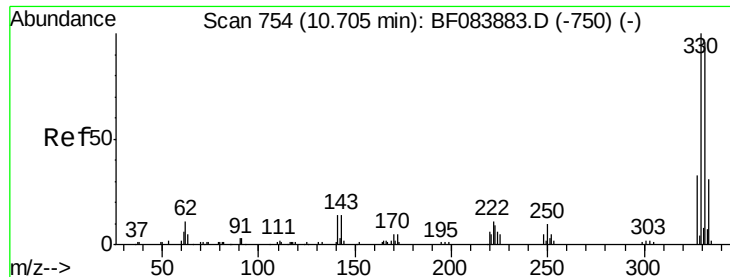
#40
 Hexachlorocyclopentadiene
 Concen: 68.14 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion:	237	Resp:	73288
Ion	Ratio	Lower	Upper
237	100		
235	64.8	43.1	83.1
272	11.9	0.0	35.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

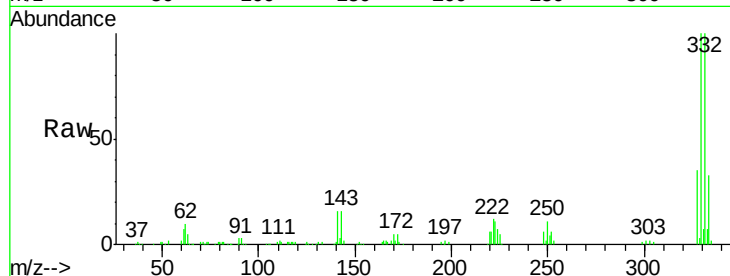




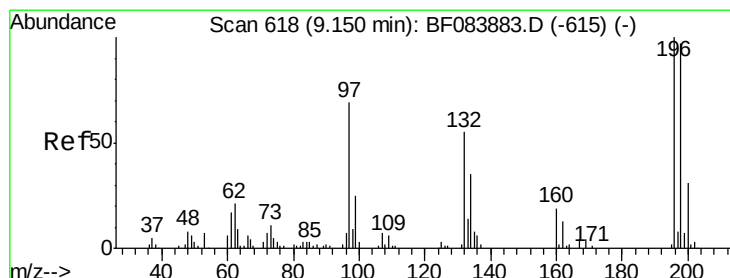
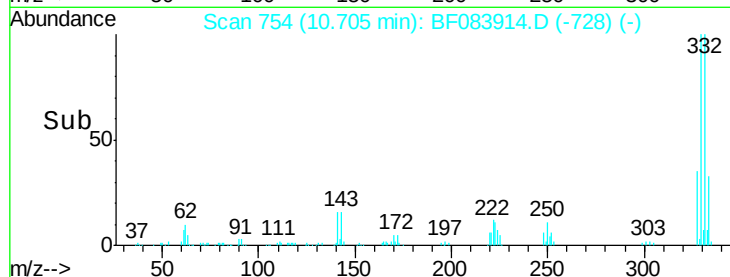
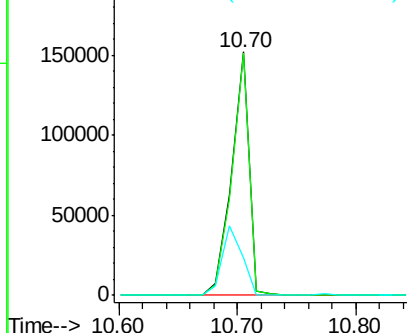
#41
 2,4,6-Tribromophenol
 Concen: 135.99 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Tgt Ion:330 Resp: 155496
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 114.8
 141 32.5 27.8 41.6

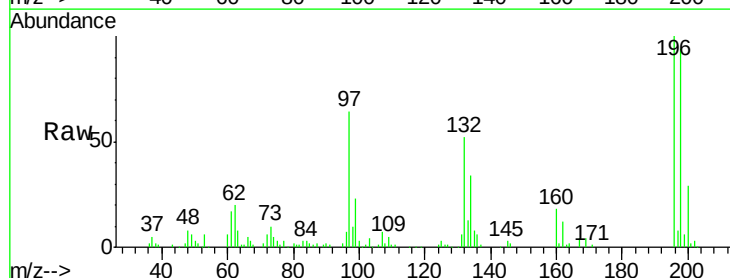


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

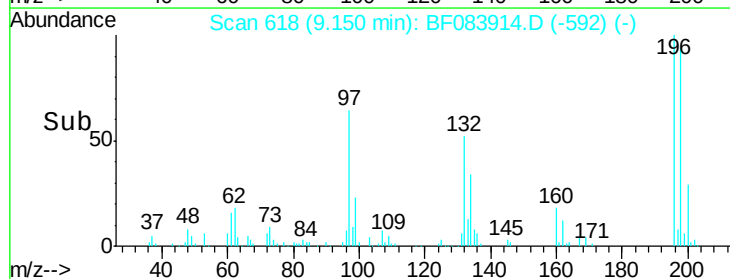
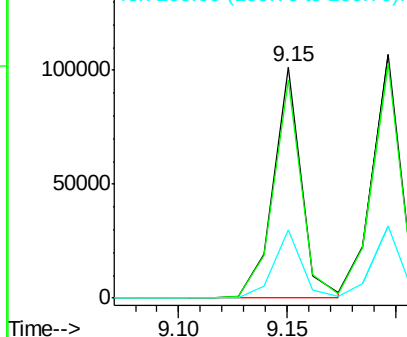


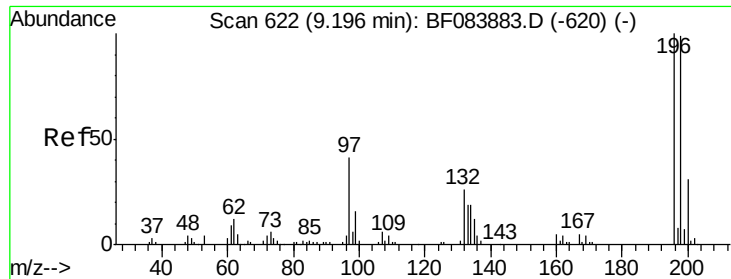
#42
 2,4,6-Trichlorophenol
 Concen: 42.35 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion:196 Resp: 91499
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.7 116.5
 200 29.5 24.6 37.0



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

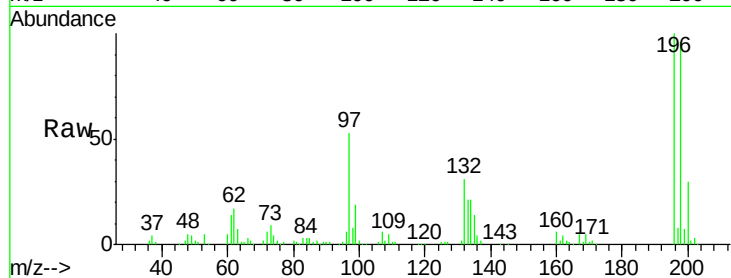




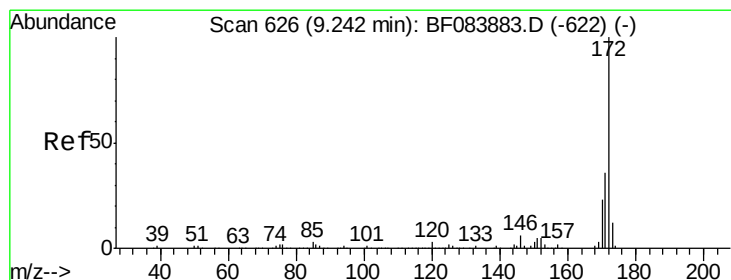
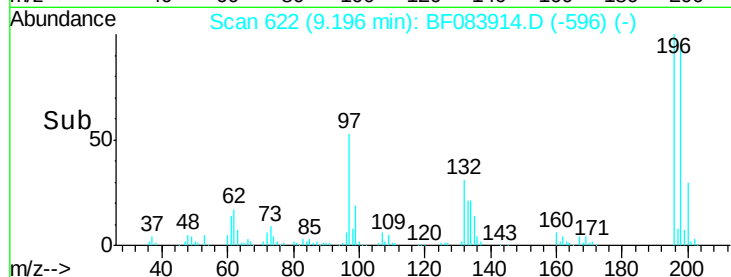
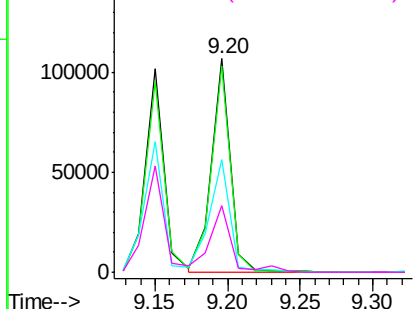
#43
 2,4,5-Trichlorophenol
 Concen: 45.08 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Tgt Ion:	196	Resp:	96396
Ion	Ratio	Lower	Upper
196	100		
198	96.3	79.0	118.6
97	52.9	33.0	49.6
132	31.2	21.1	31.7

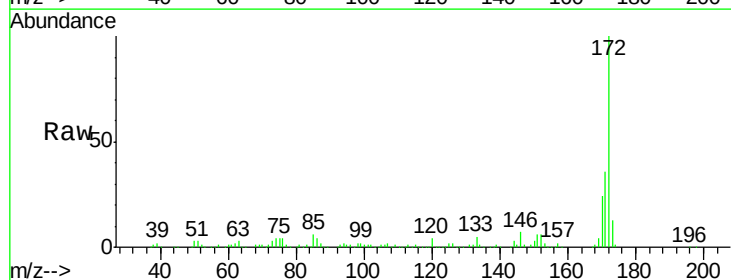


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

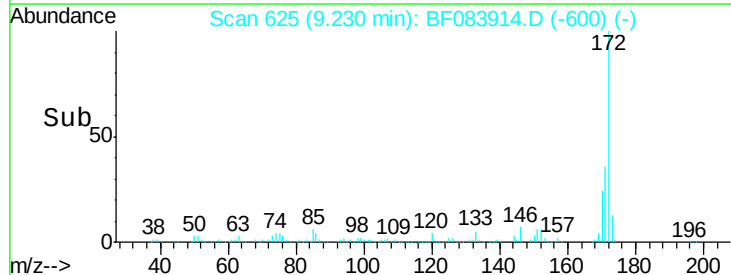
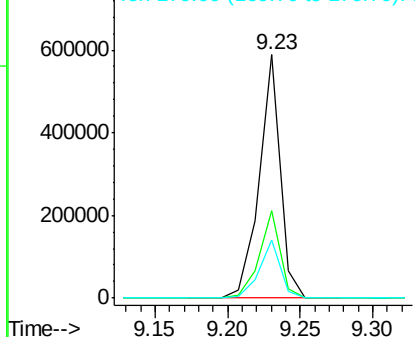


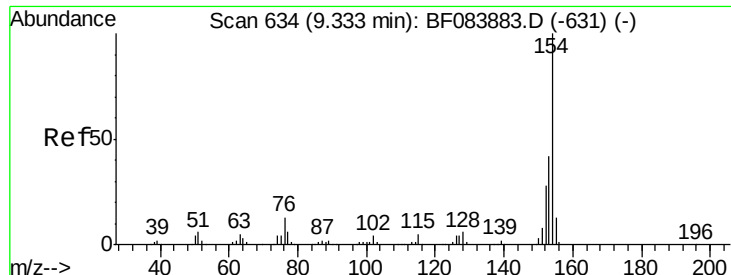
#44
 2-Fluorobiphenyl
 Concen: 79.01 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion:	172	Resp:	590566
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	23.6	18.6	27.8



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: 46.04 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

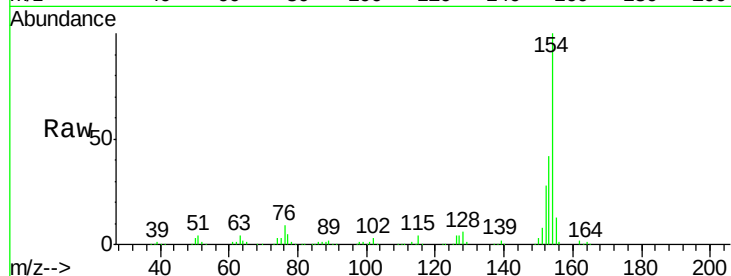
Tgt Ion:154 Resp: 400659

Ion Ratio Lower Upper

154 100

153 41.7 21.6 61.6

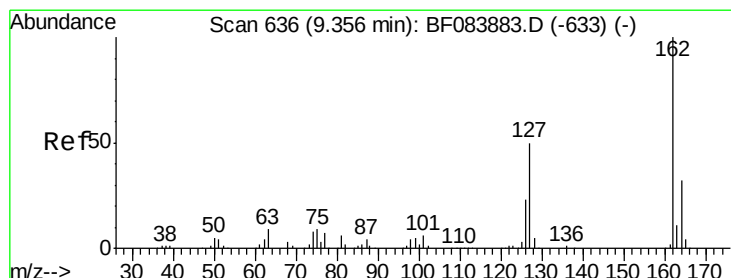
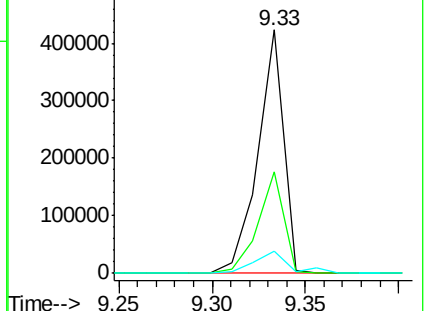
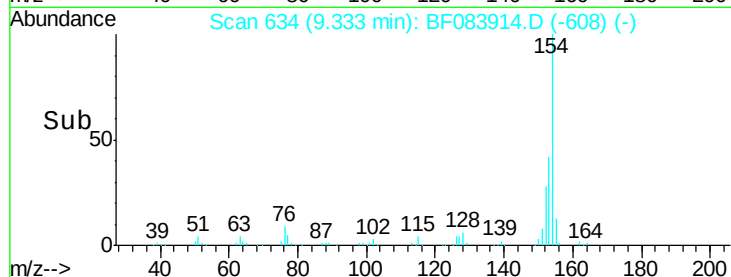
76 9.0 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.87 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

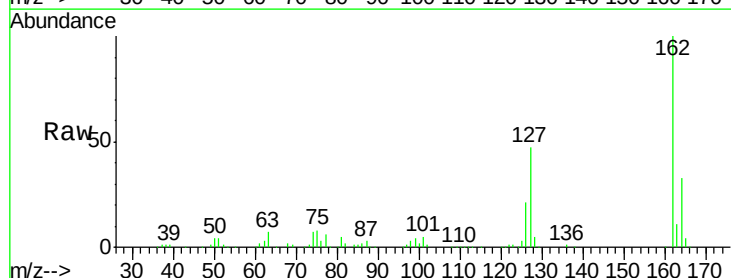
Tgt Ion:162 Resp: 292917

Ion Ratio Lower Upper

162 100

127 47.2 40.2 60.4

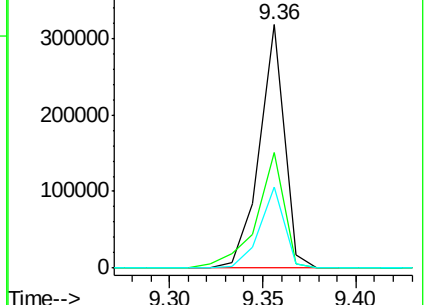
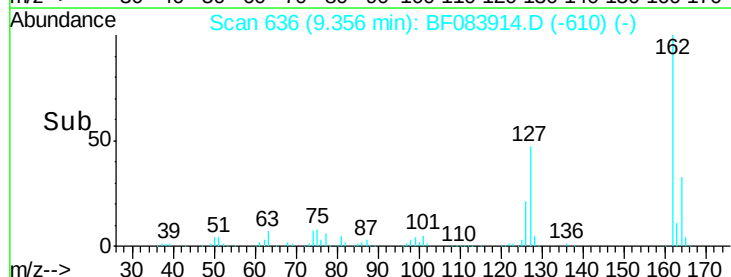
164 33.4 25.7 38.5

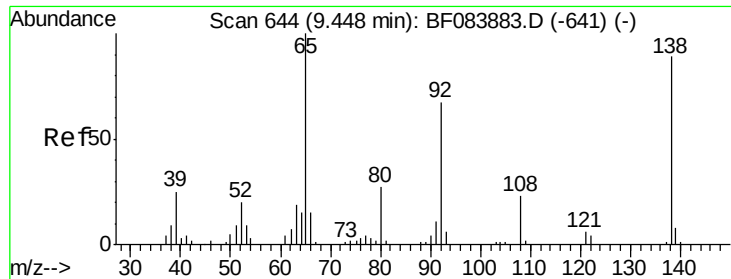


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.90 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

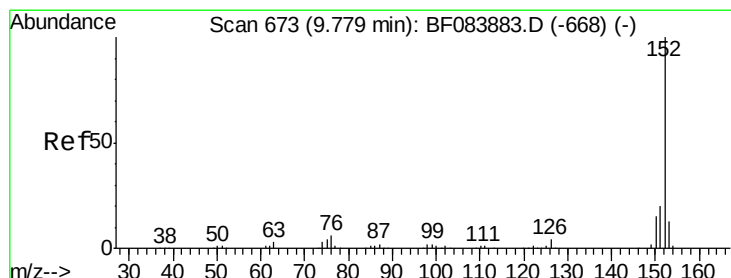
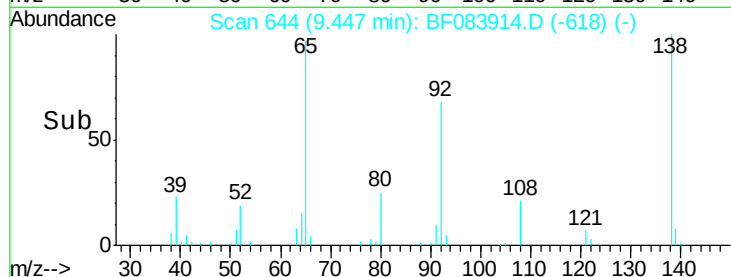
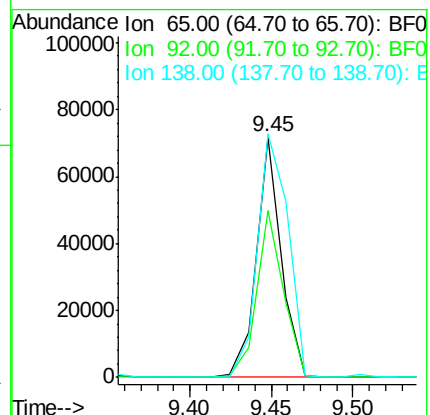
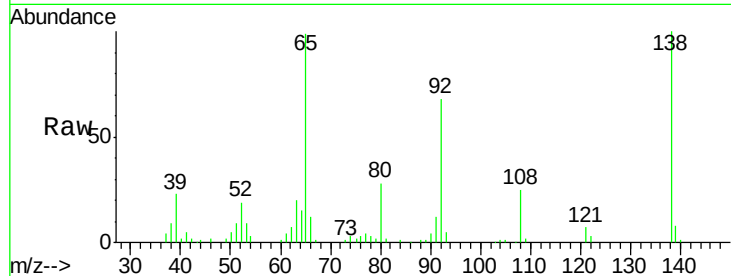
Tgt Ion: 65 Resp: 75743

Ion Ratio Lower Upper

65 100

92 69.3 53.4 80.2

138 101.4 71.1 106.7



#48

Acenaphthylene

Concen: 37.21 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

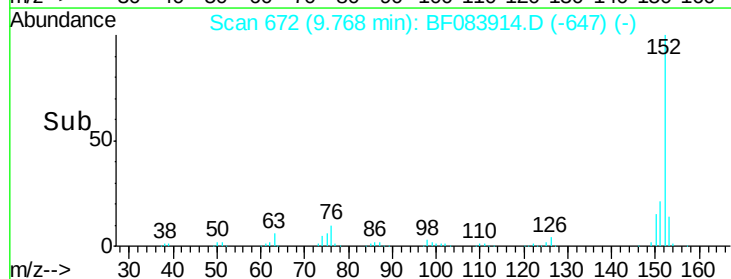
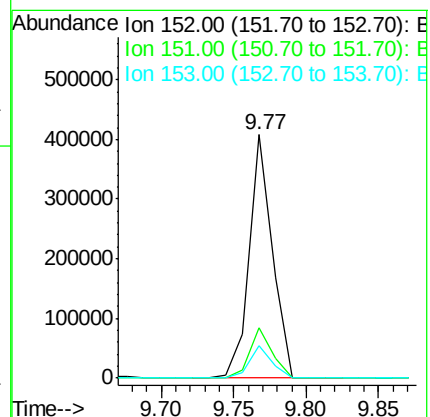
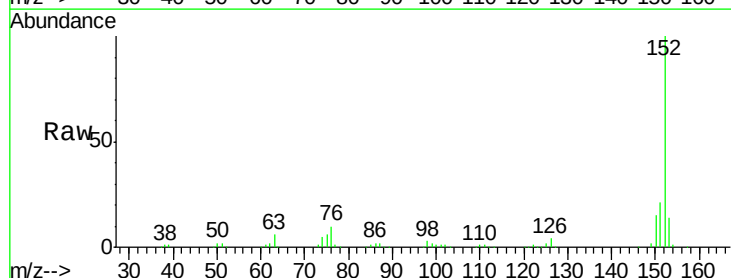
Tgt Ion: 152 Resp: 450241

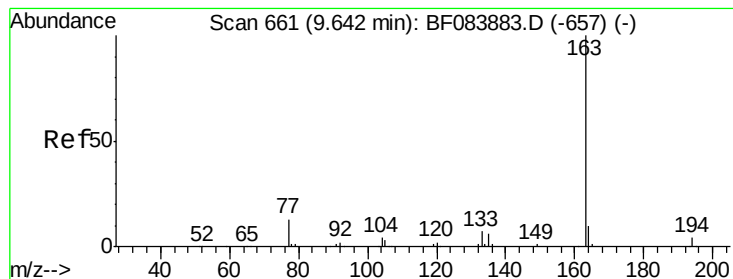
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 13.6 10.4 15.6





#49

Dimethylphthalate

Concen: 39.56 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

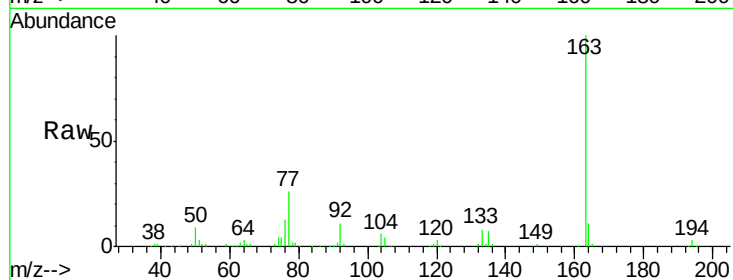
Tgt Ion:163 Resp: 344570

Ion Ratio Lower Upper

163 100

194 3.1 8.0 12.0#

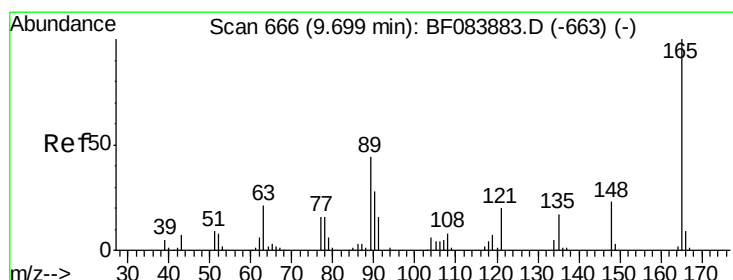
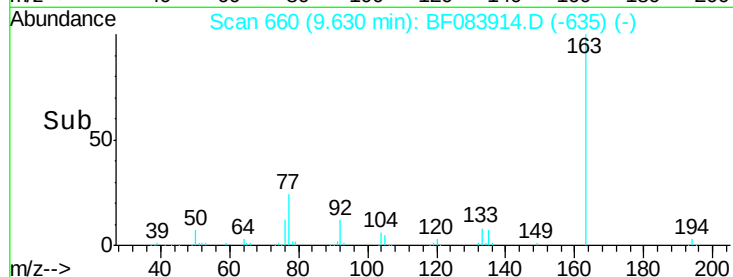
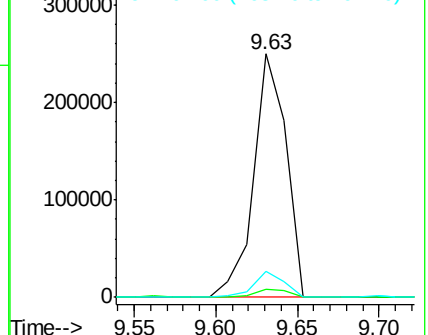
164 10.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.81 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

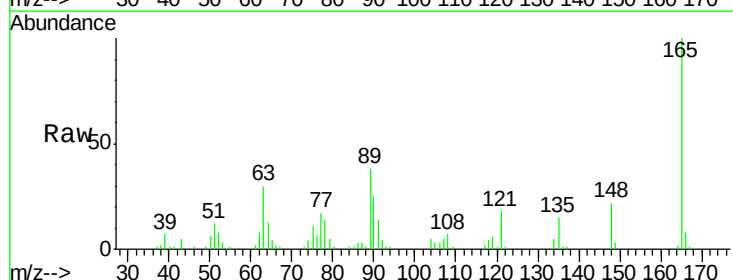
Tgt Ion:165 Resp: 81337

Ion Ratio Lower Upper

165 100

63 29.9 28.8 43.2

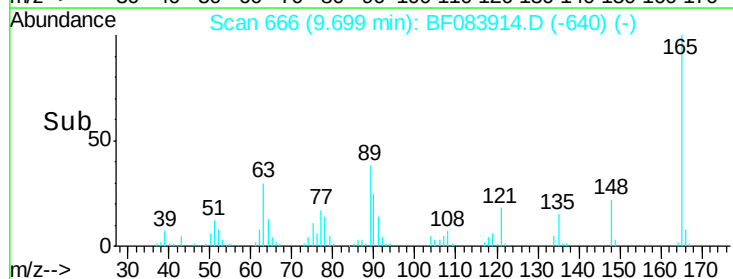
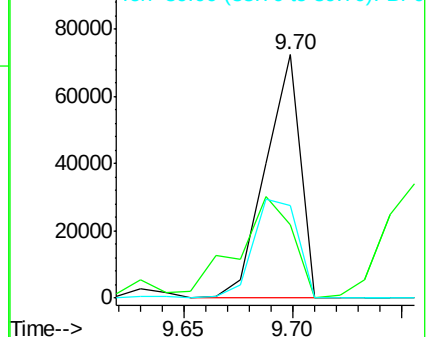
89 37.8 35.1 52.7

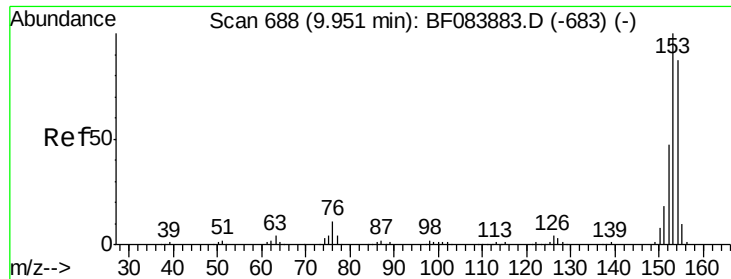


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

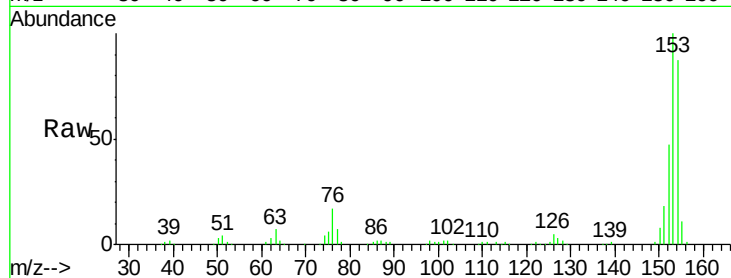




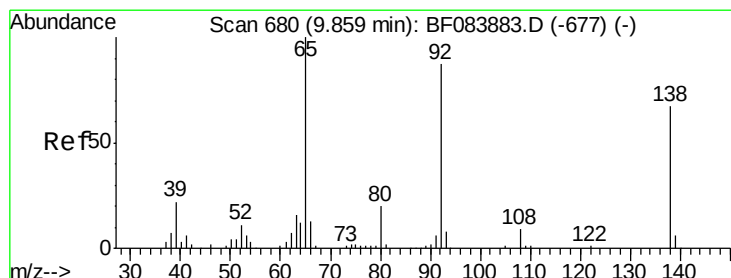
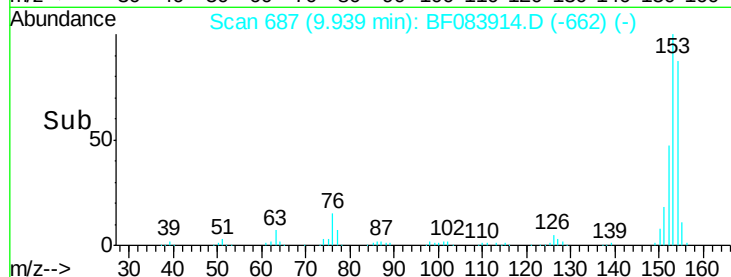
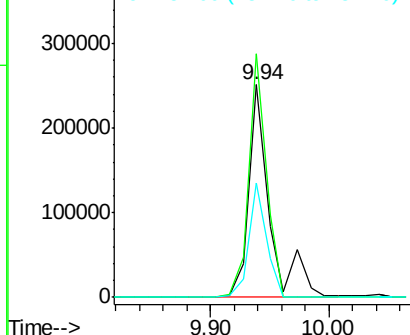
#51
Acenaphthene
Concen: 41.93 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tgt Ion:154 Resp: 311928
Ion Ratio Lower Upper
154 100
153 114.7 91.5 137.3
152 53.8 43.0 64.6

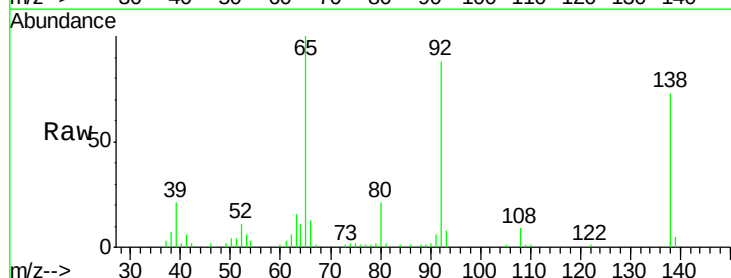


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

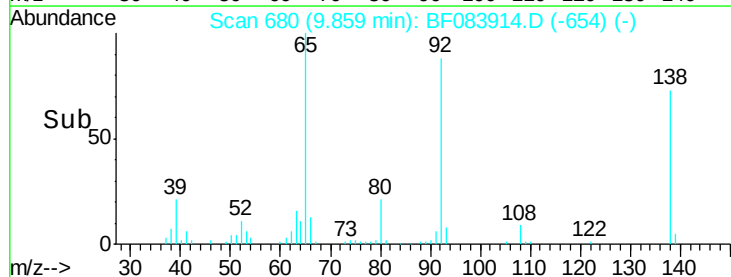
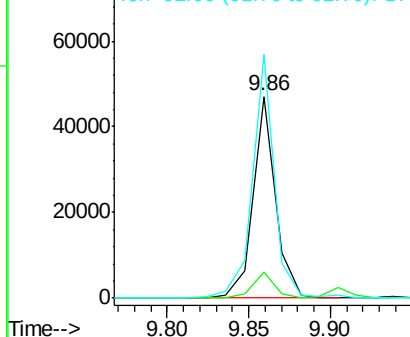


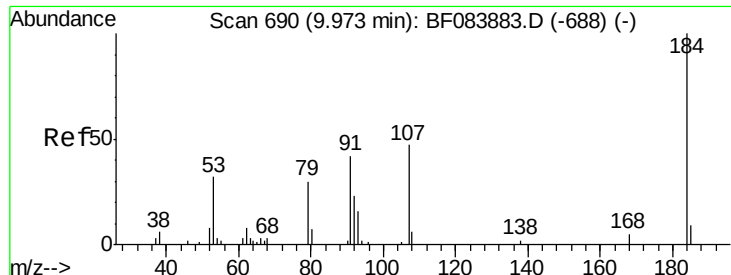
#52
3-Nitroaniline
Concen: 22.41 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion:138 Resp: 44880
Ion Ratio Lower Upper
138 100
108 12.6 10.5 15.7
92 120.6 103.9 155.9



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

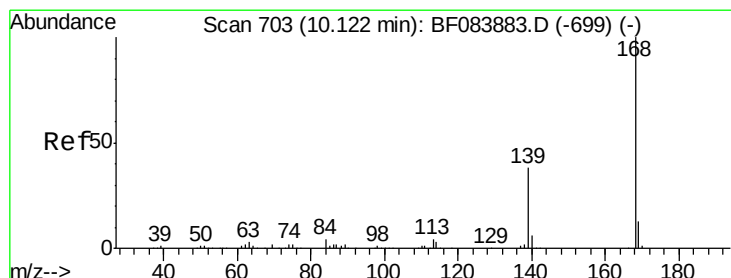
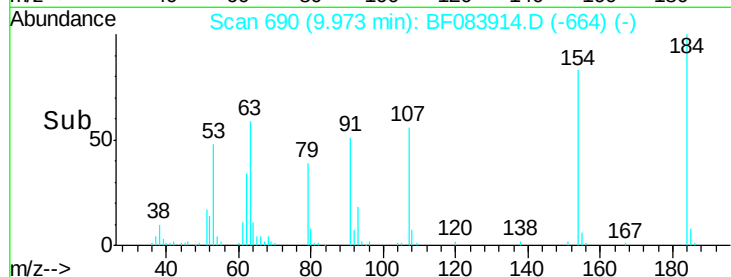
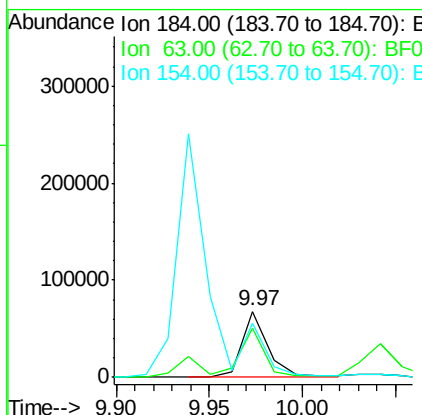
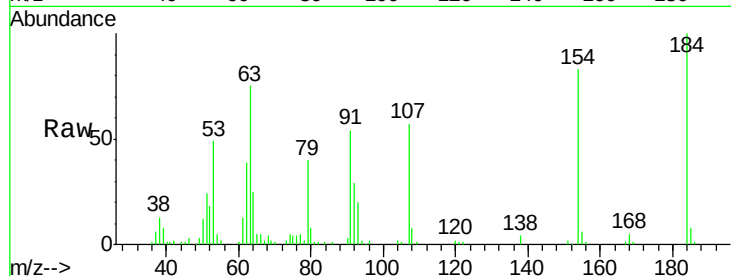




#53
 2,4-Dinitrophenol
 Concen: 96.19 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

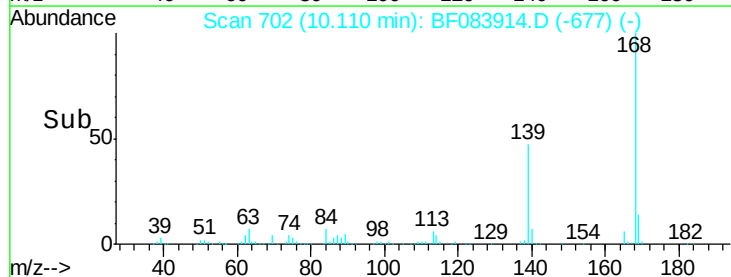
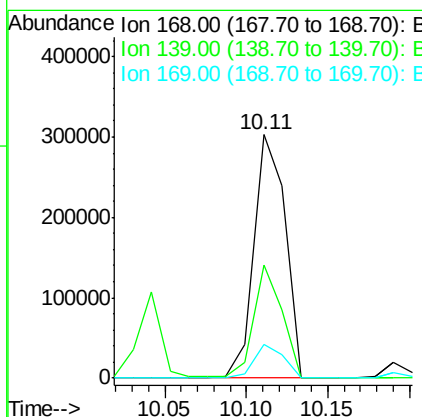
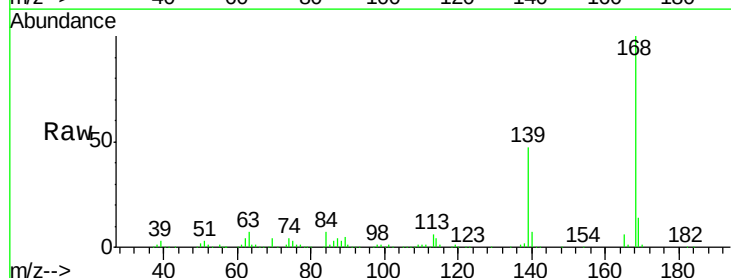
Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

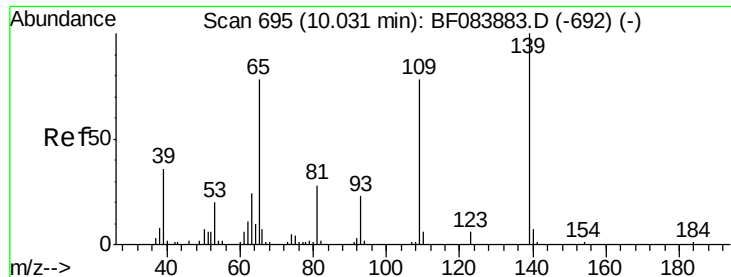
Tgt Ion:184 Resp: 67243
 Ion Ratio Lower Upper
 184 100
 63 75.4 43.1 64.7#
 154 82.6 60.5 90.7



#54
 Dibenzofuran
 Concen: 41.56 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion:168 Resp: 401584
 Ion Ratio Lower Upper
 168 100
 139 46.5 30.5 45.7#
 169 14.0 10.4 15.6

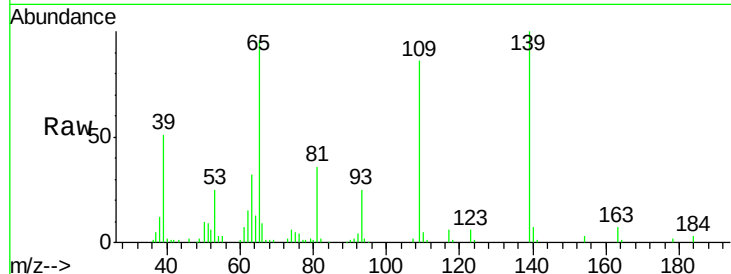




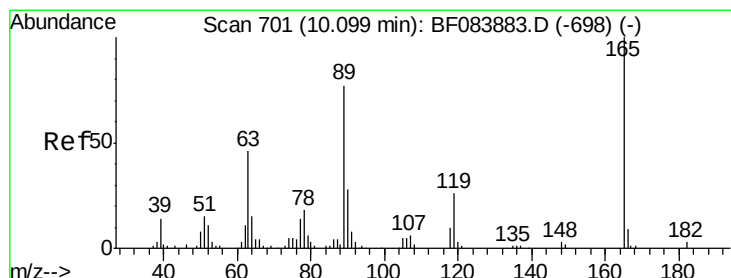
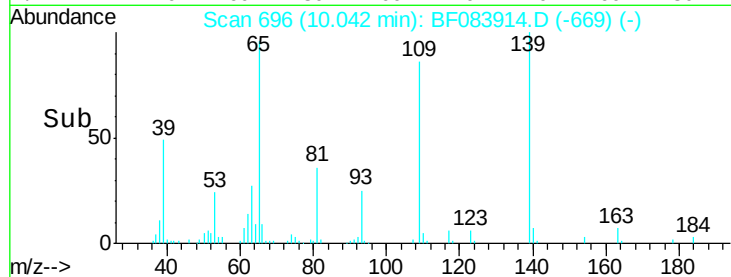
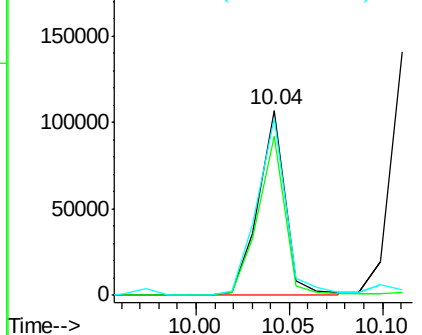
#55
4-Nitrophenol
Concen: 85.95 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tgt Ion:139 Resp: 107456
Ion Ratio Lower Upper
139 100
109 86.1 58.5 98.5
65 96.0 57.6 97.6

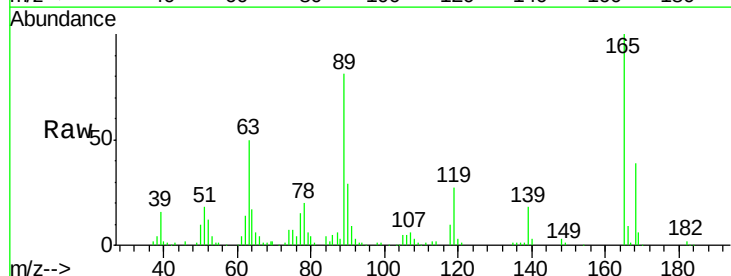


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

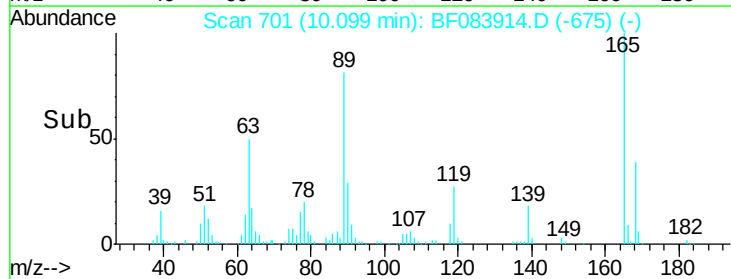
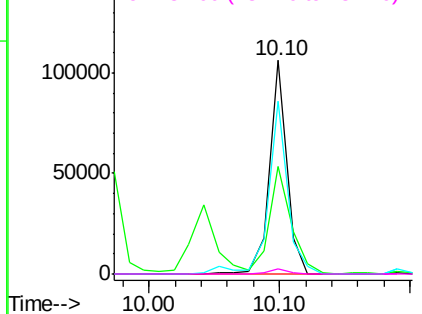


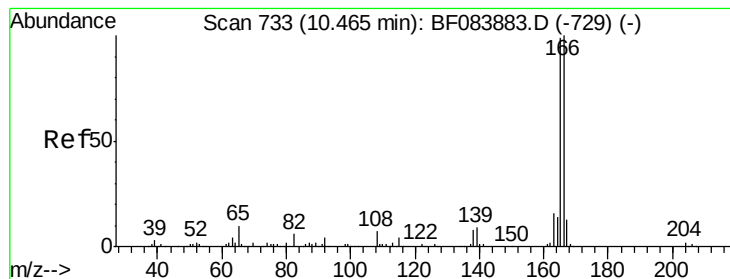
#56
2,4-Dinitrotoluene
Concen: 40.88 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion:165 Resp: 99560
Ion Ratio Lower Upper
165 100
63 50.3 36.7 55.1
89 81.2 61.9 92.9
182 2.4 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.48 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

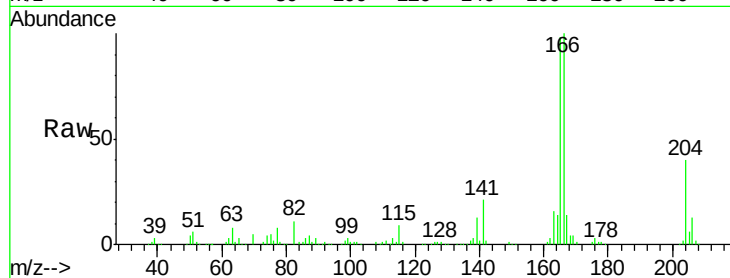
Tgt Ion:166 Resp: 313413

Ion Ratio Lower Upper

166 100

165 98.2 79.1 118.7

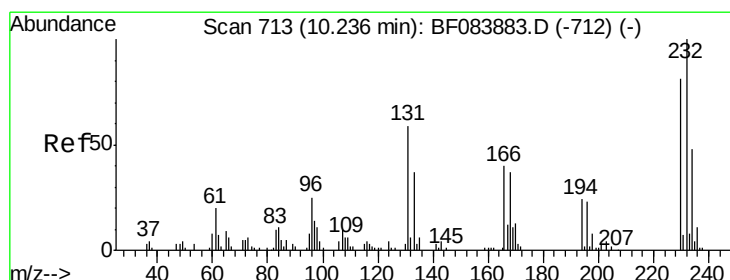
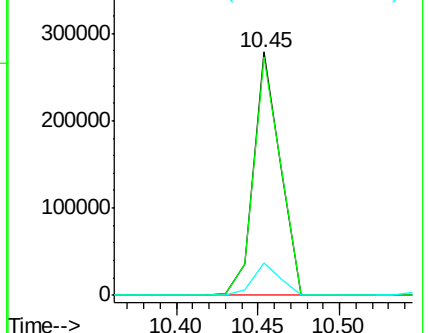
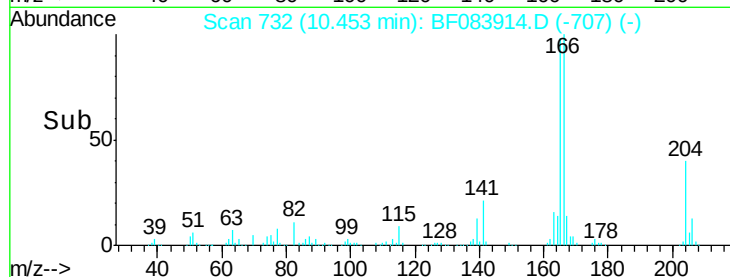
167 13.5 10.4 15.6



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: 47.87 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Tgt Ion:232 Resp: 75733

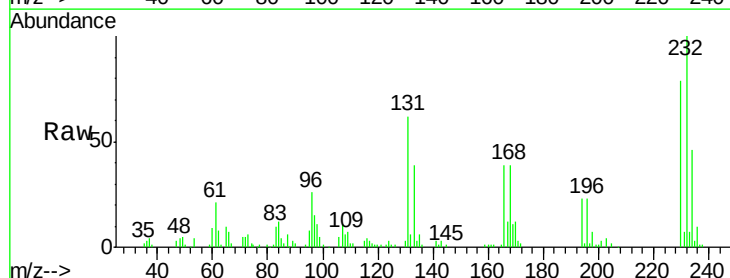
Ion Ratio Lower Upper

232 100

131 59.2 47.0 70.6

130 2.8 2.0 3.0

166 37.6 30.5 45.7

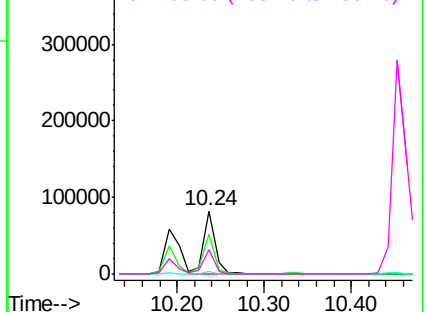
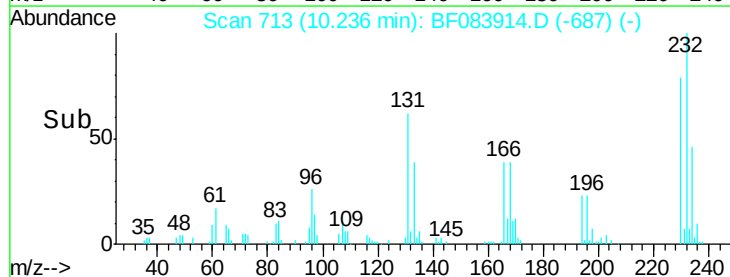


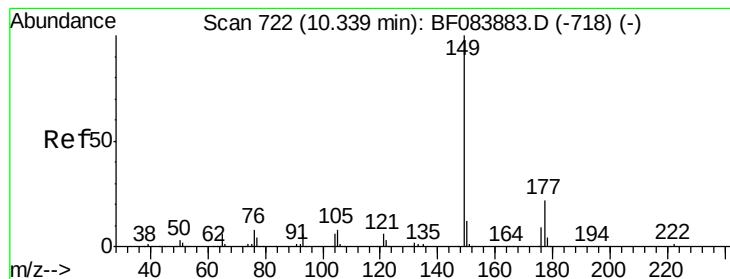
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.92 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

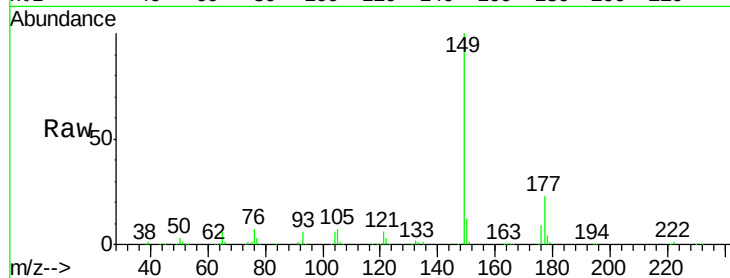
Tgt Ion:149 Resp: 377413

Ion Ratio Lower Upper

149 100

177 22.7 17.3 25.9

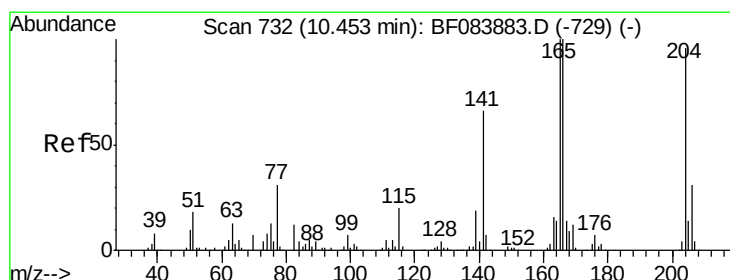
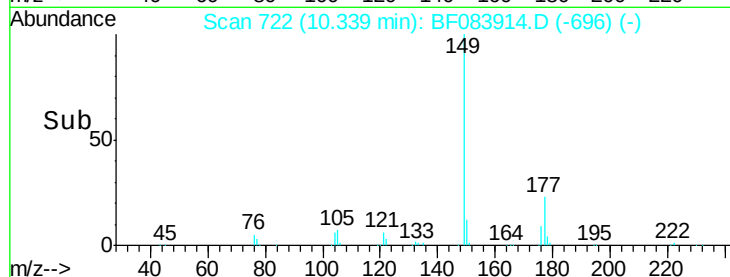
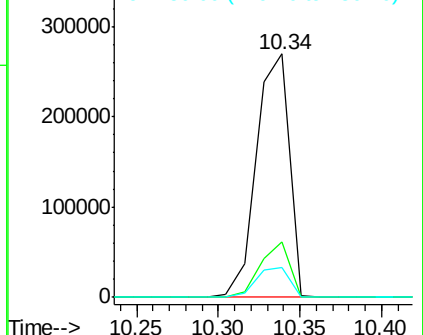
150 12.1 9.8 14.8



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: 39.53 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

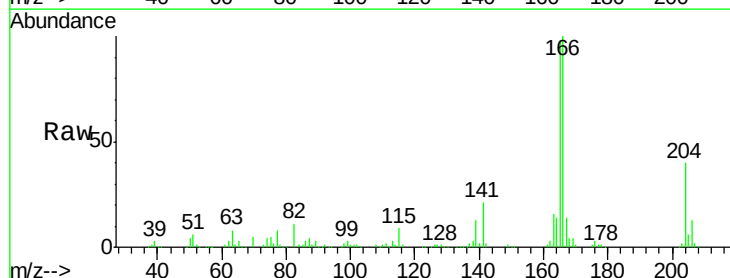
Tgt Ion:204 Resp: 146400

Ion Ratio Lower Upper

204 100

206 32.3 25.7 38.5

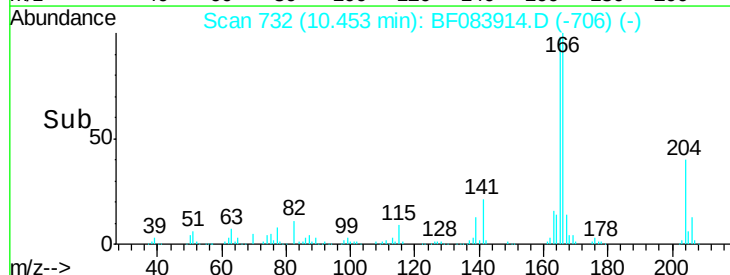
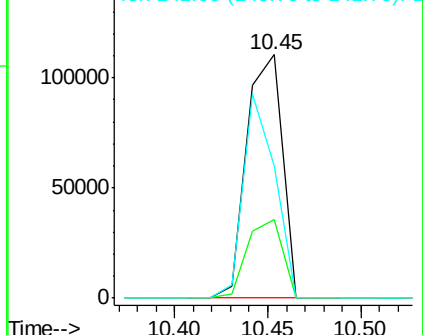
141 54.1 55.1 82.7#

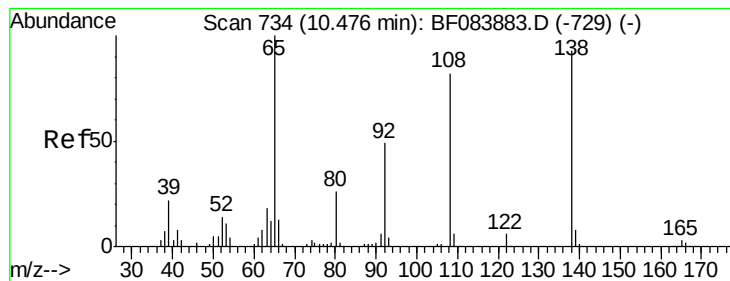


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.07 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

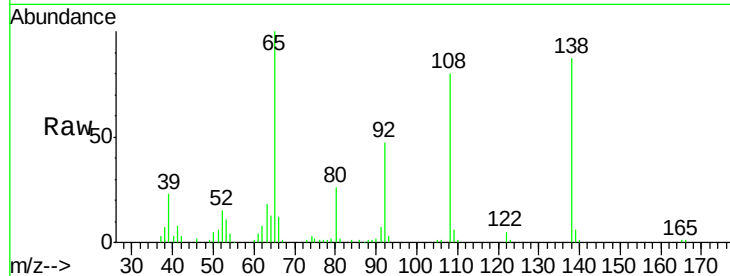
Tgt Ion:138 Resp: 72673

Ion Ratio Lower Upper

138 100

92 53.5 32.6 72.6

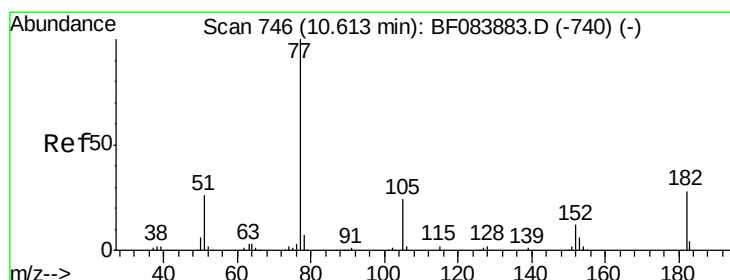
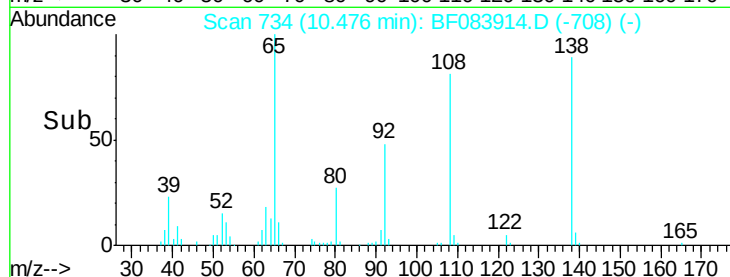
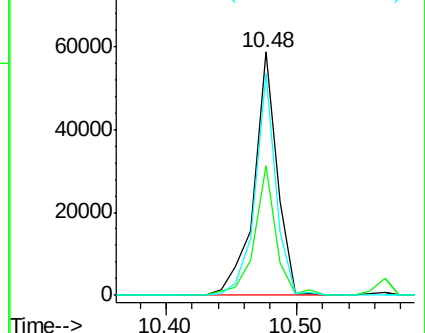
108 91.1 68.6 108.6



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: 45.44 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Tgt Ion: 77 Resp: 342920

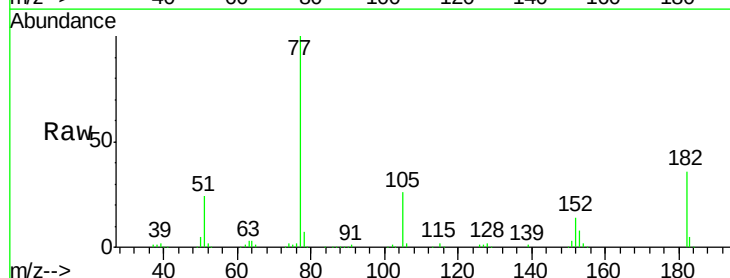
Ion Ratio Lower Upper

77 100

182 36.3 8.3 48.3

105 26.2 4.6 44.6

51 24.5 6.2 46.2

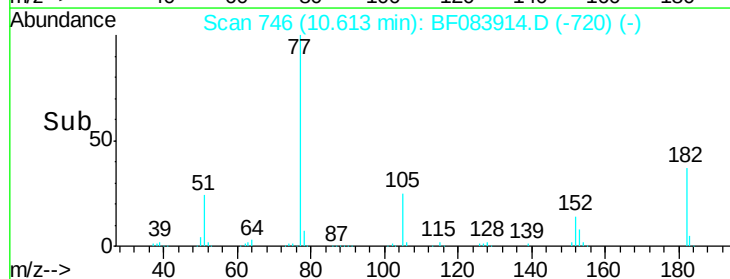
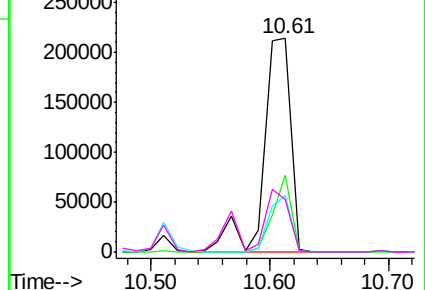


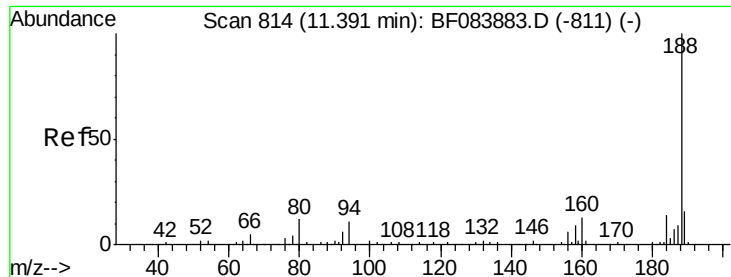
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

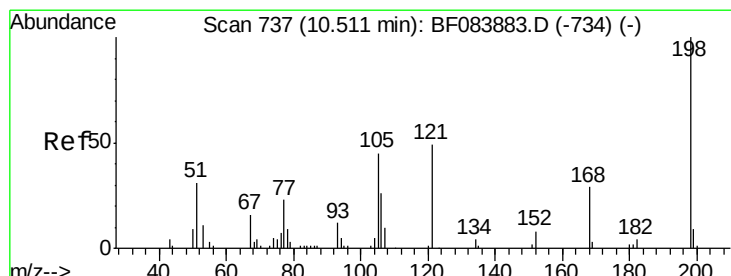
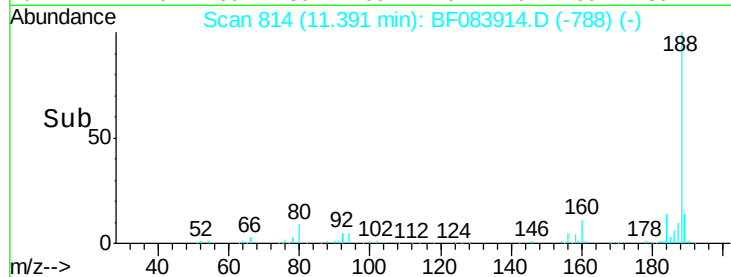
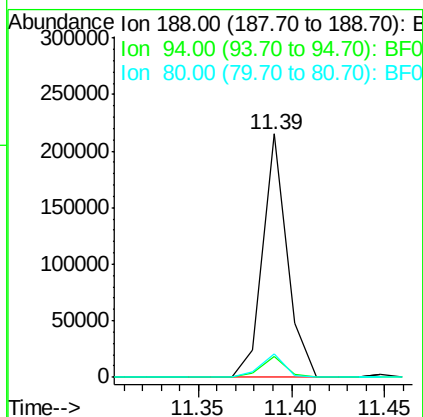
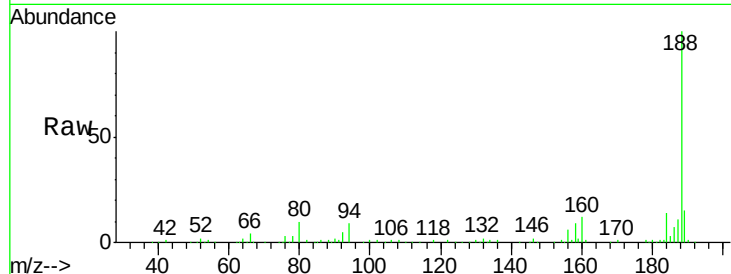




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

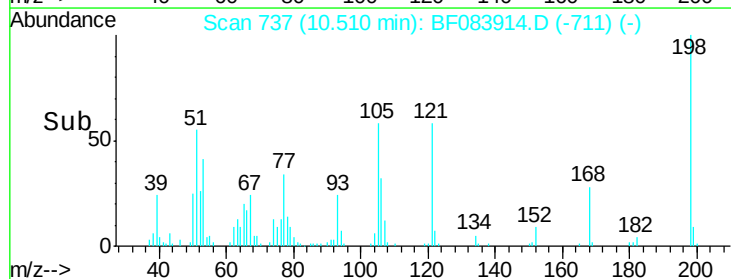
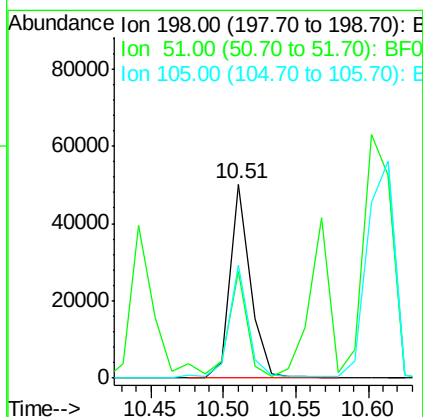
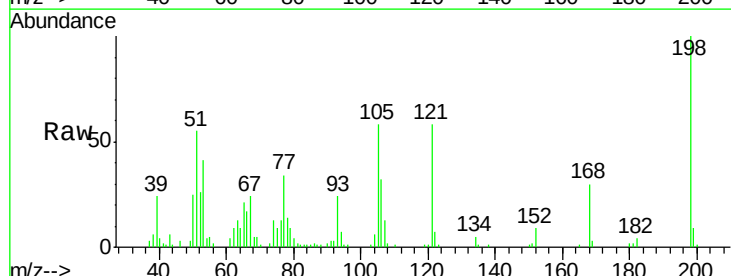
Instrument :
BNA_F
ClientSampleId :
PB87340BSD

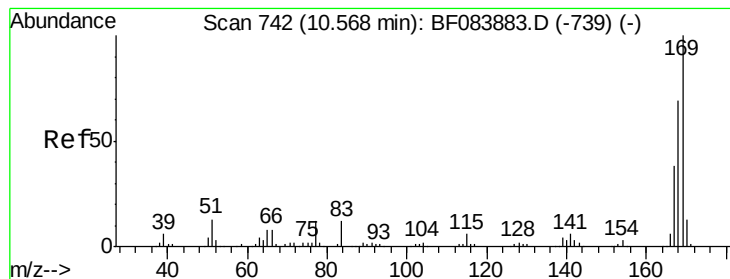
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	9.8	9.6	14.4



#64
4,6-Dinitro-2-methylphenol
Concen: 40.99 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion	Ratio	Lower	Upper
198	100		
51	54.9	18.9	58.9
105	58.1	26.4	66.4

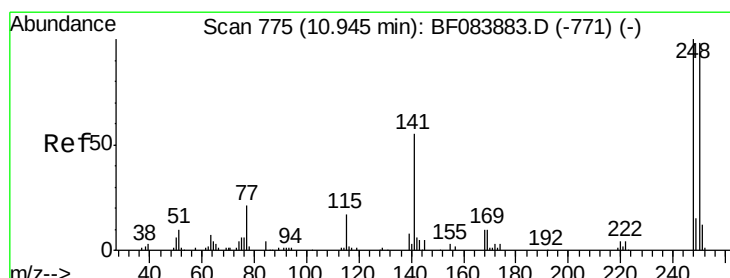
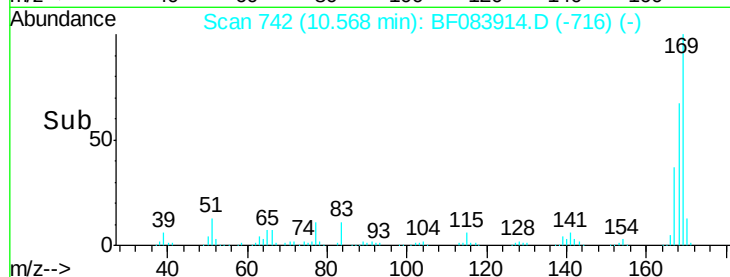
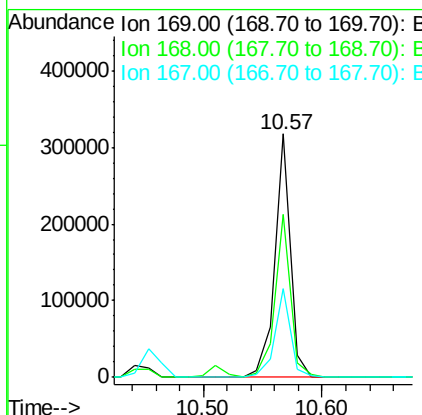
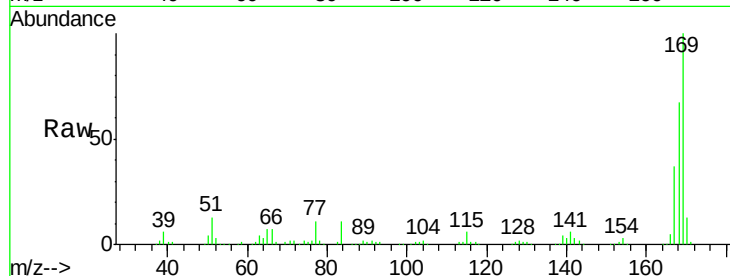




#65
 n-Nitrosodiphenylamine
 Concen: 40.16 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

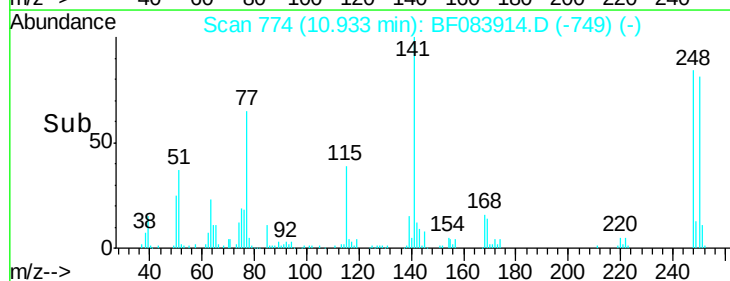
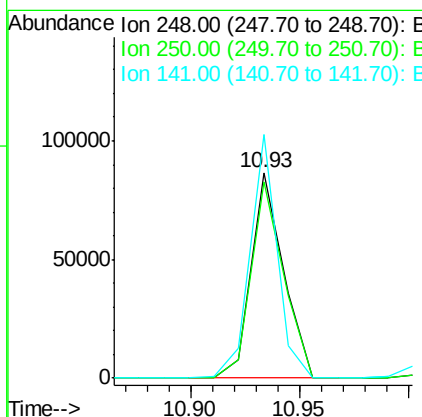
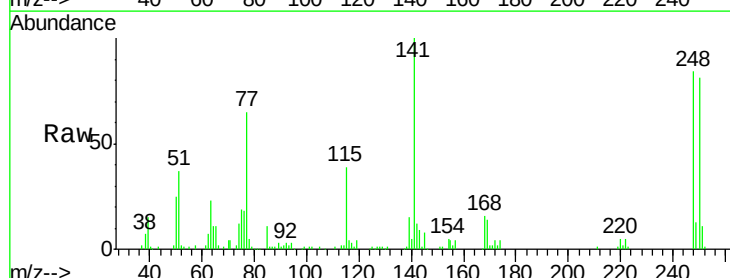
Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

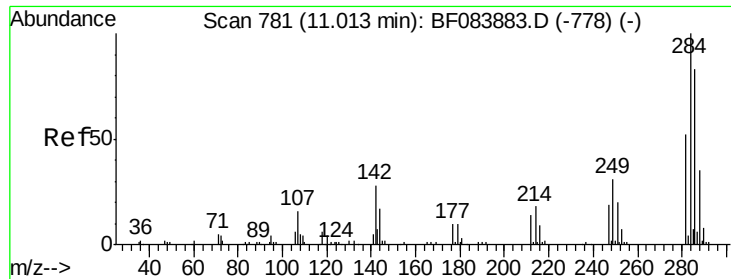
Tgt Ion:169 Resp: 289946
 Ion Ratio Lower Upper
 169 100
 168 66.8 55.1 82.7
 167 36.5 30.0 45.0



#66
 4-Bromophenyl-phenylether
 Concen: 36.72 ng
 RT: 10.93 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion:248 Resp: 89055
 Ion Ratio Lower Upper
 248 100
 250 95.6 78.4 117.6
 141 118.6 44.0 66.0#

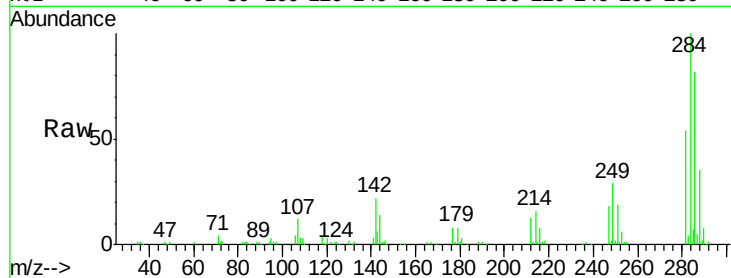




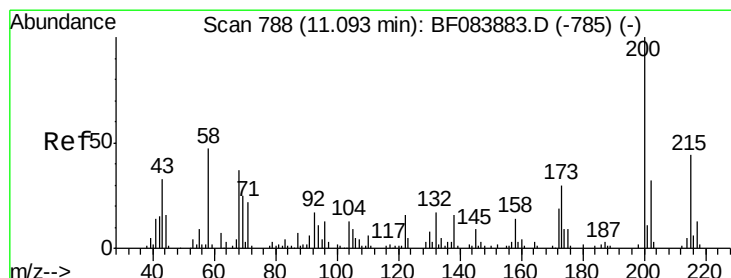
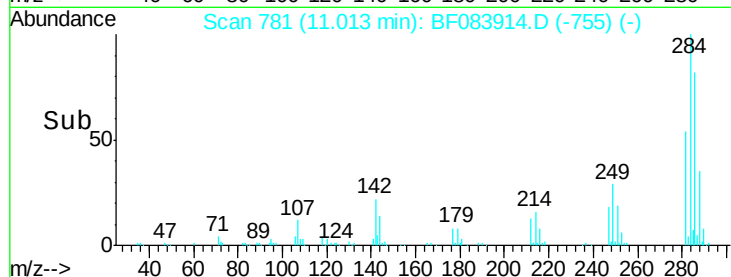
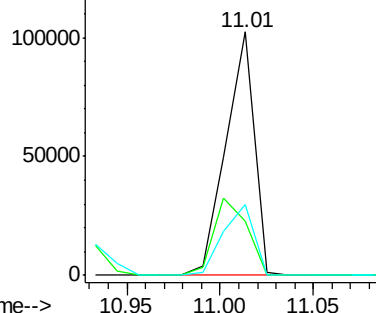
#67
Hexachlorobenzene
Concen: 42.26 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tgt Ion: 284 Resp: 107944
Ion Ratio Lower Upper
284 100
142 22.3 22.2 33.4
249 29.1 24.6 37.0

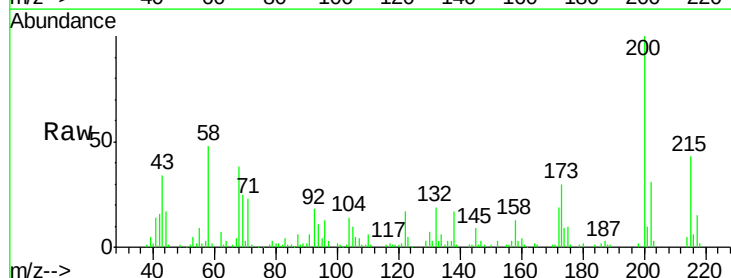


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

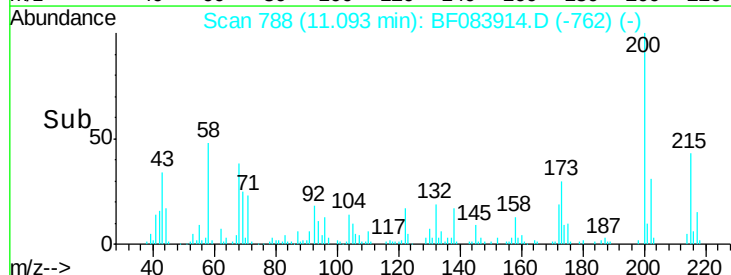
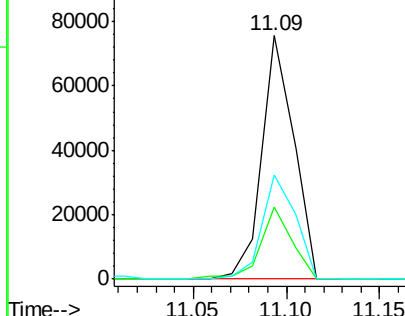


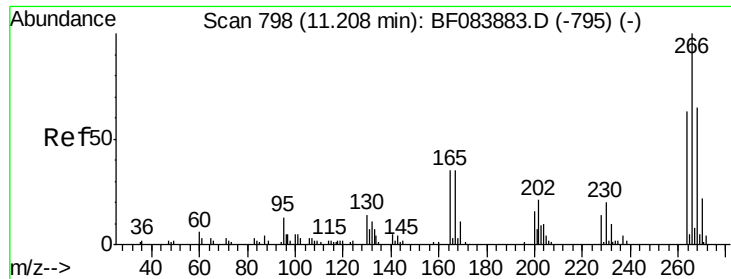
#68
Atrazine
Concen: 39.12 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF083914.D
Acq: 18 Dec 2015 15:49

Tgt Ion: 200 Resp: 89470
Ion Ratio Lower Upper
200 100
173 29.6 9.5 49.5
215 42.5 23.8 63.8



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

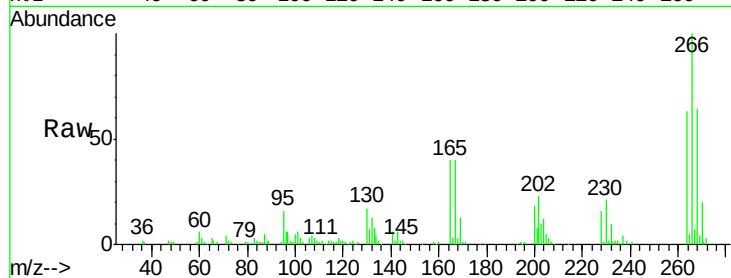




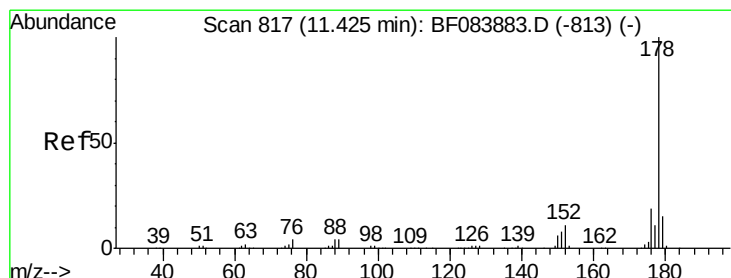
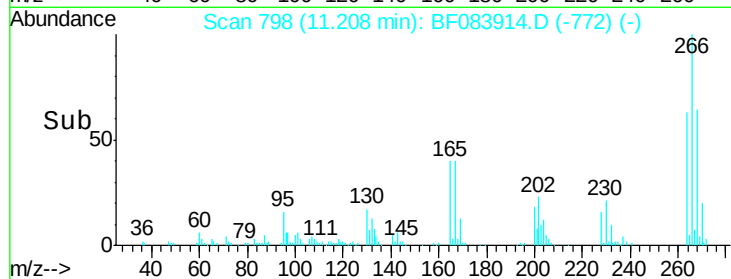
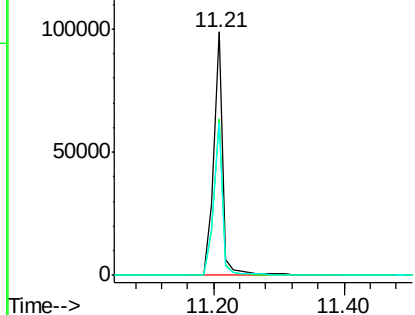
#69
 Pentachlorophenol
 Concen: 90.51 ng
 RT: 11.21 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Tgt Ion: 266 Resp: 98805
 Ion Ratio Lower Upper
 266 100
 268 64.1 52.4 78.6
 264 62.7 50.2 75.2

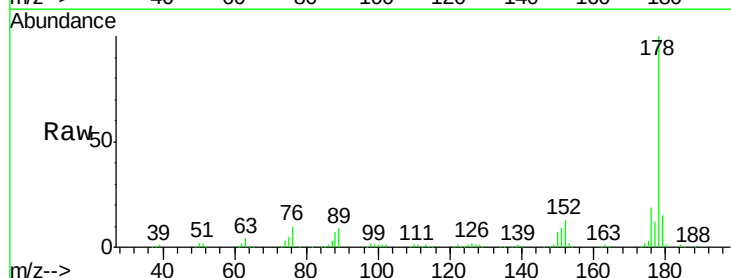


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

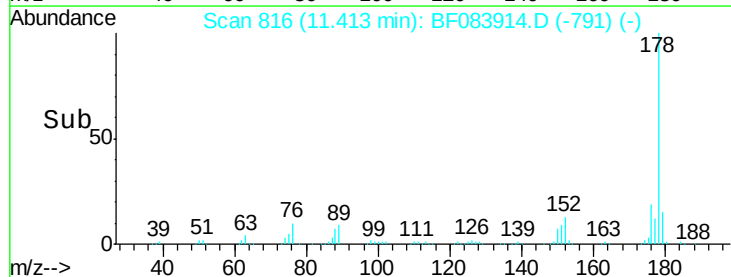
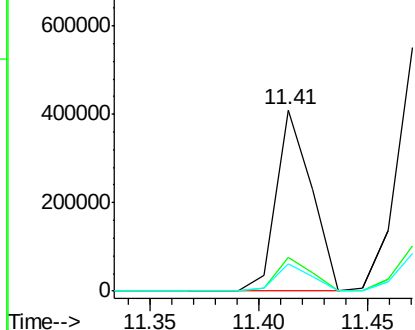


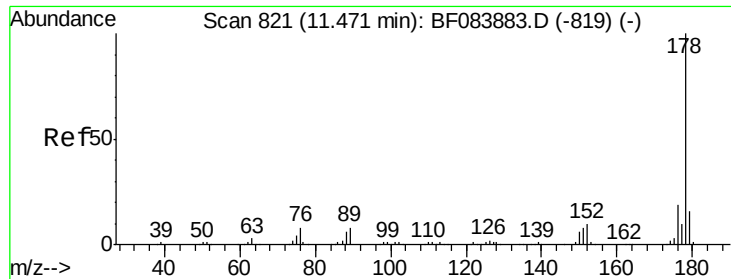
#70
 Phenanthrene
 Concen: 38.77 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion: 178 Resp: 464685
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.3 22.9
 179 15.2 12.0 18.0



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

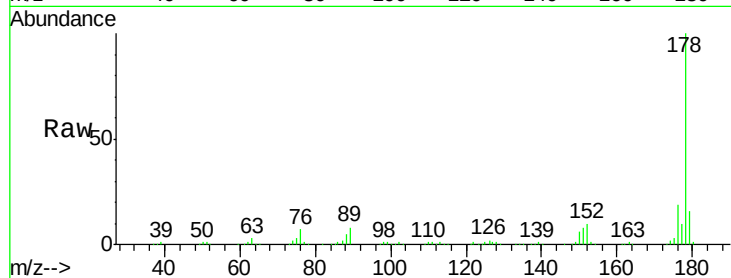




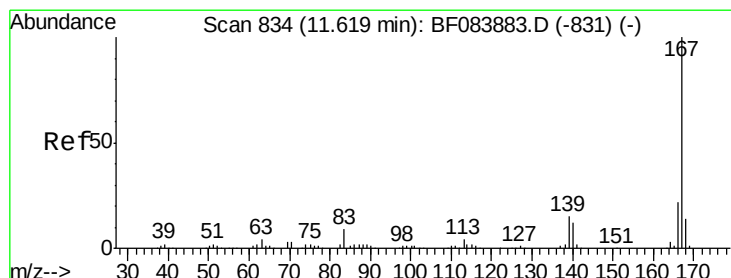
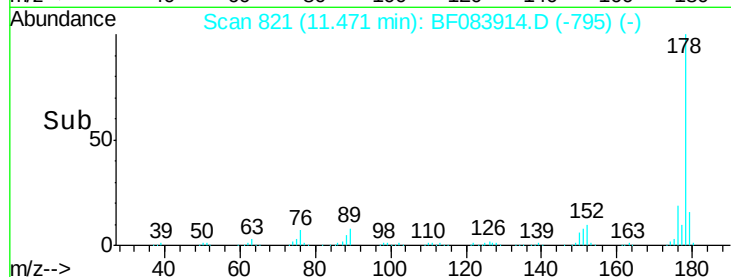
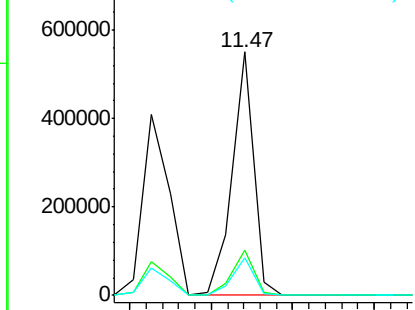
#71
 Anthracene
 Concen: 43.02 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Tgt Ion:178 Resp: 498517
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 15.5 12.5 18.7

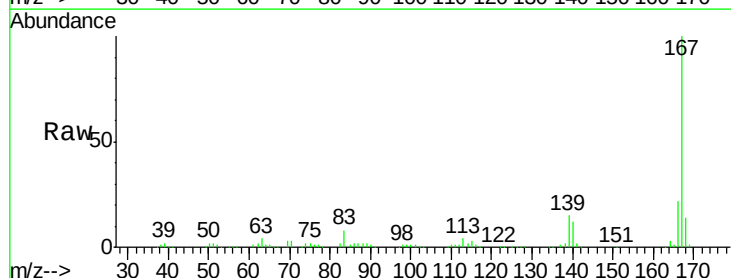


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

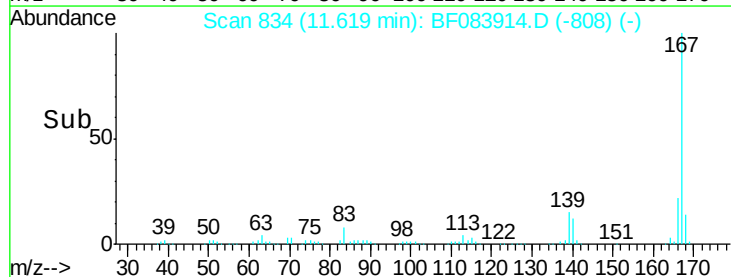
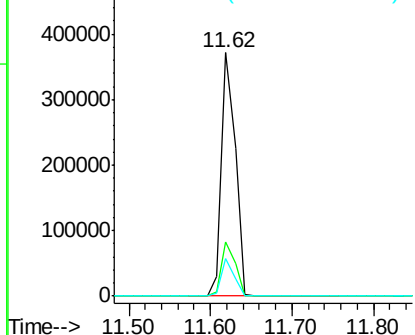


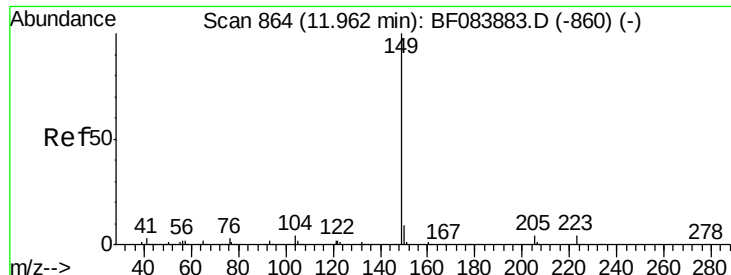
#72
 Carbazole
 Concen: 37.97 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion:167 Resp: 434662
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 15.2 11.8 17.8



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: 41.84 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

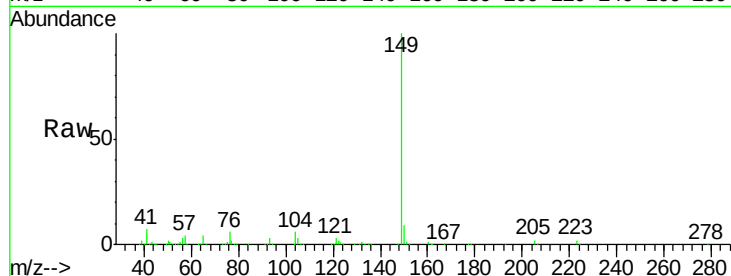
Tgt Ion:149 Resp: 562836

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

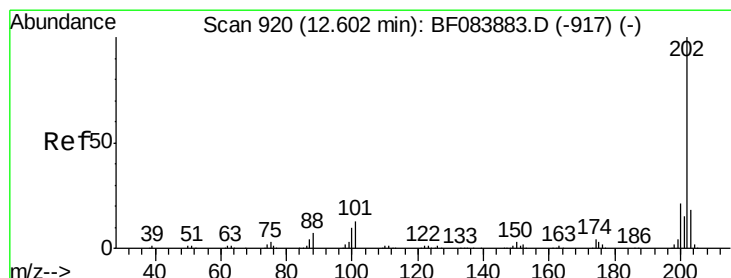
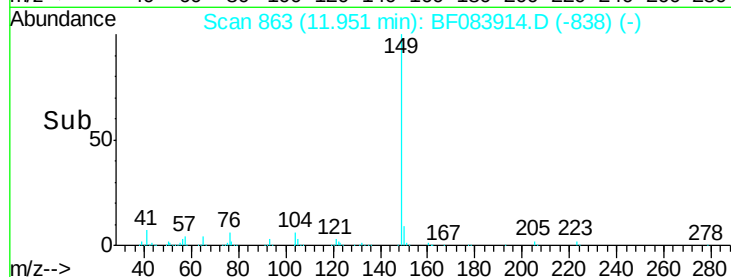
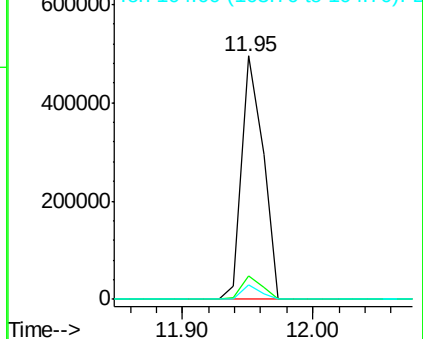
104 5.7 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.51 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

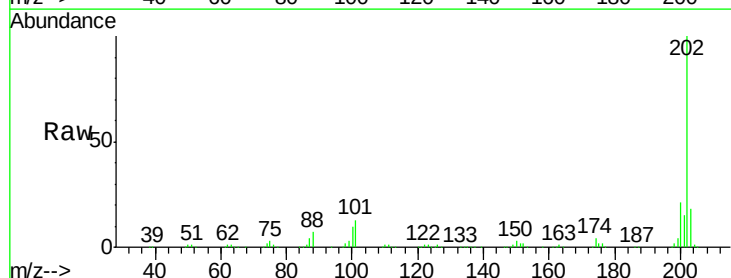
Tgt Ion:202 Resp: 472589

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.8

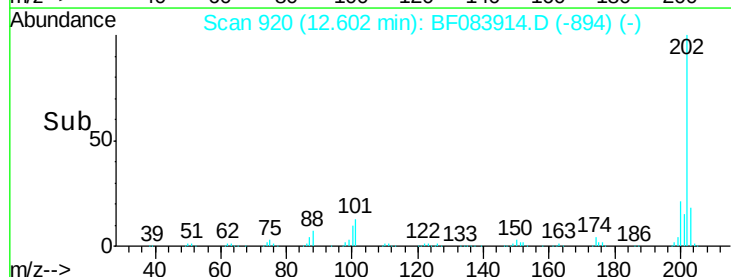
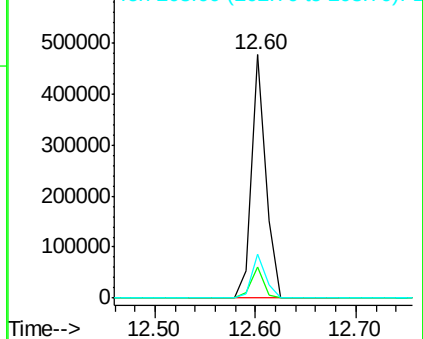
203 18.0 0.0 37.9

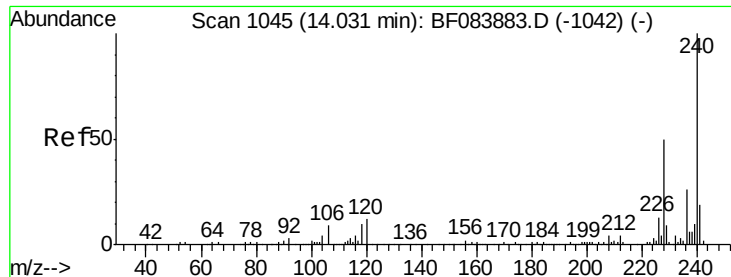


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

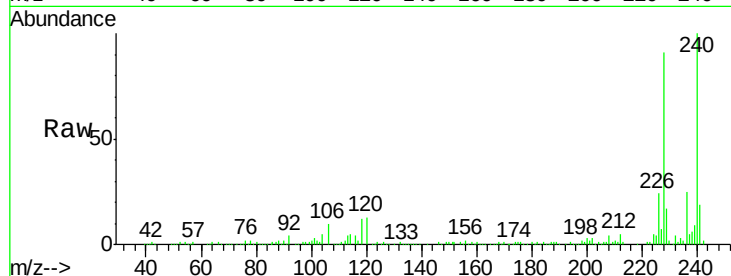
Tgt Ion:240 Resp: 164995

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

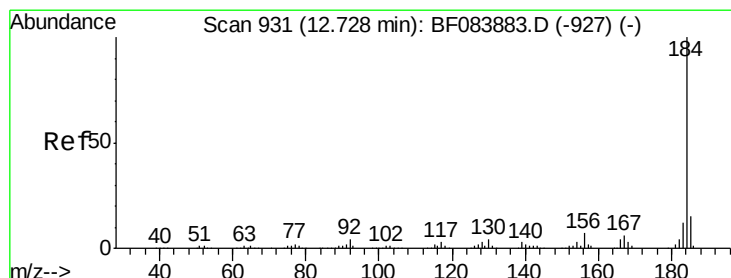
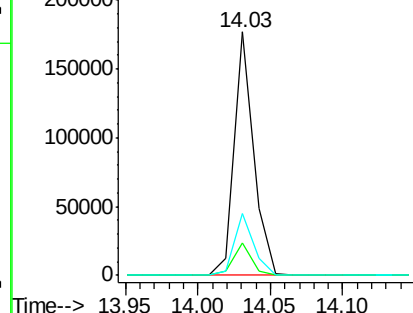
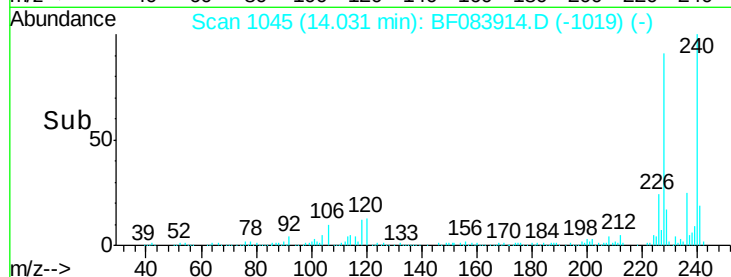
236 25.5 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.85 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

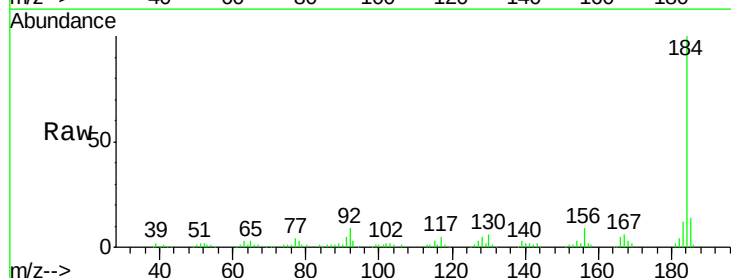
Tgt Ion:184 Resp: 157549

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

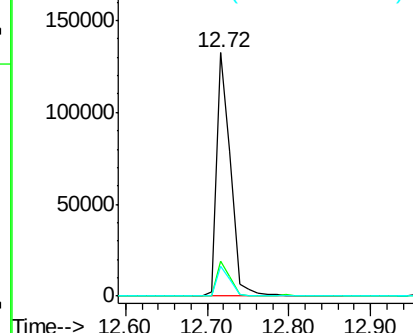
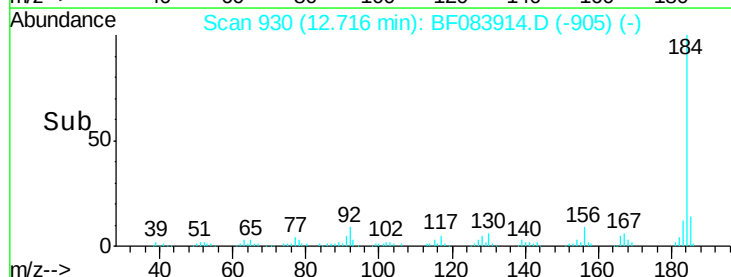
183 12.3 9.8 14.8

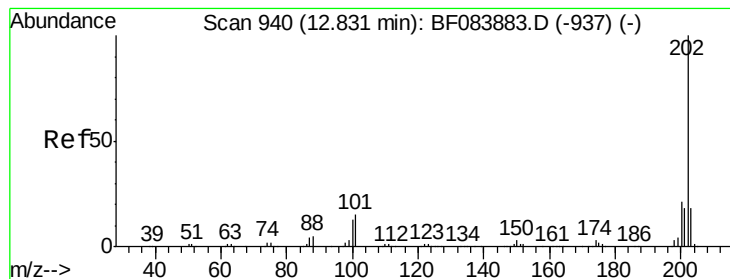


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.91 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

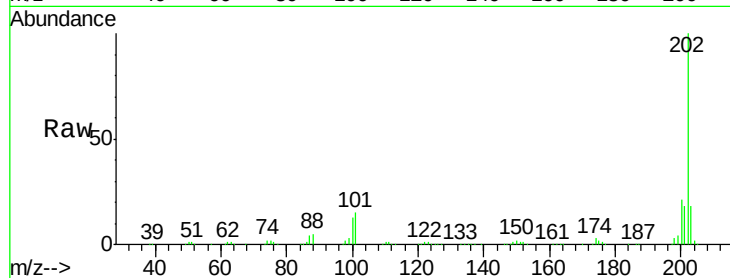
Tgt Ion:202 Resp: 484227

Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

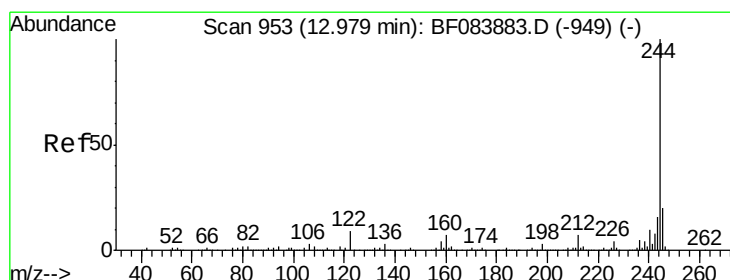
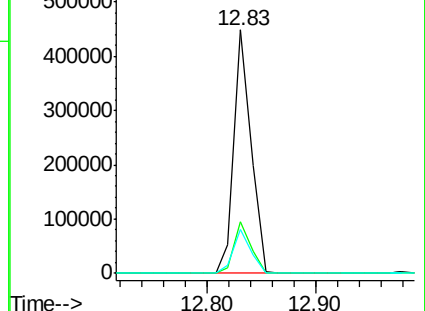
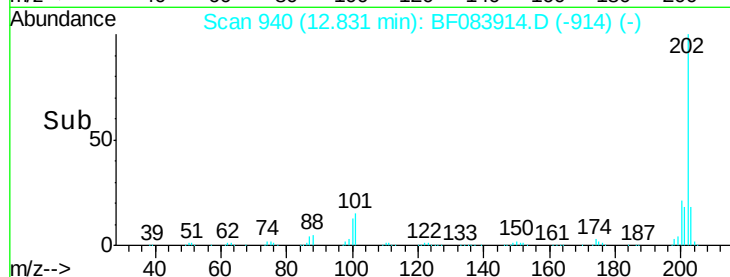
203 18.2 14.3 21.5



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: 96.24 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

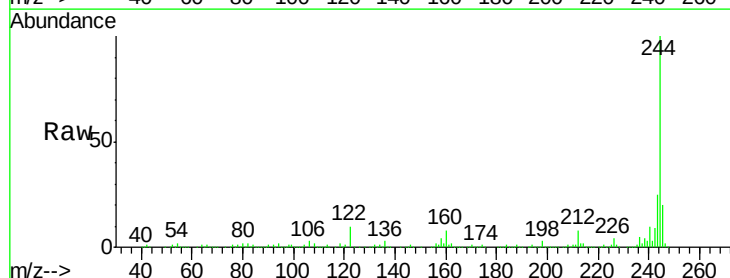
Tgt Ion:244 Resp: 673339

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

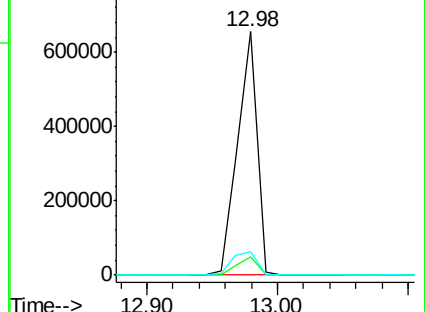
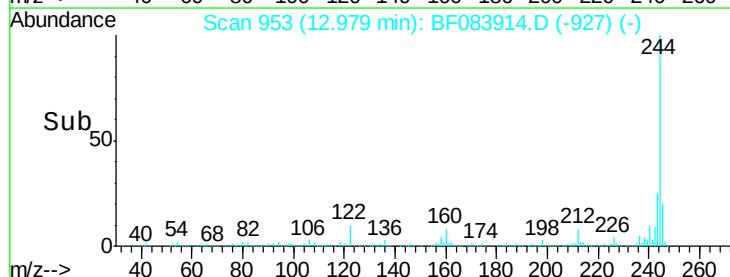
122 9.6 7.4 11.0

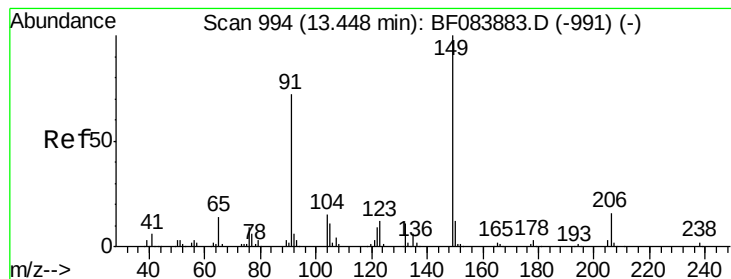


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.01 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

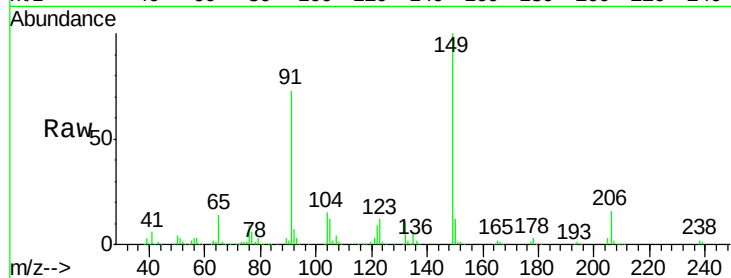
Tgt Ion:149 Resp: 247198

Ion Ratio Lower Upper

149 100

91 73.1 57.6 86.4

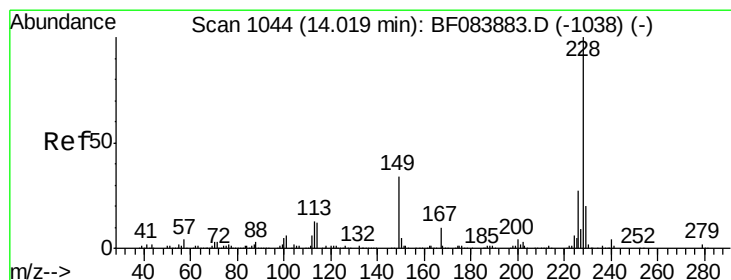
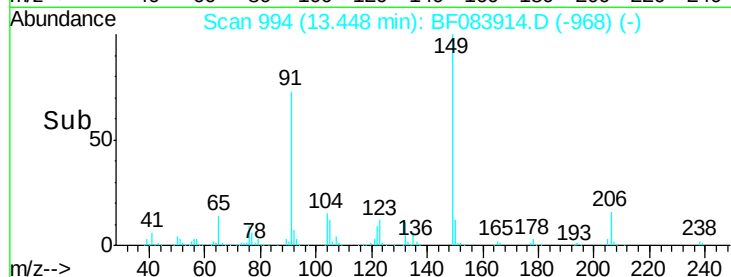
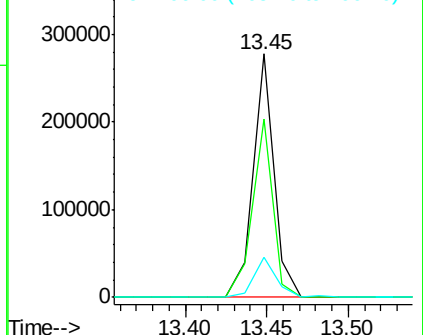
206 16.3 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.36 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

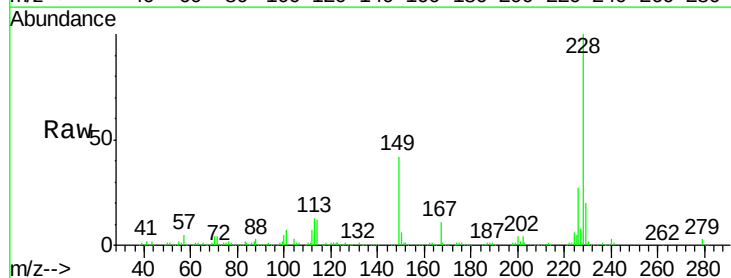
Tgt Ion:228 Resp: 419558

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.6

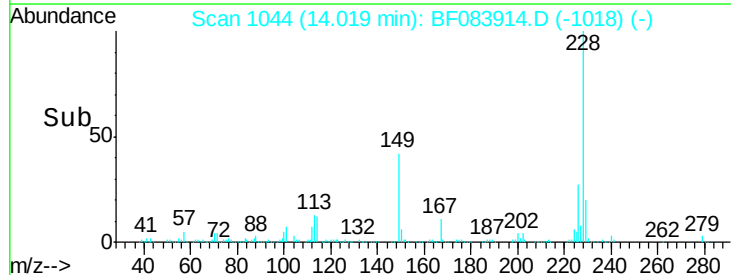
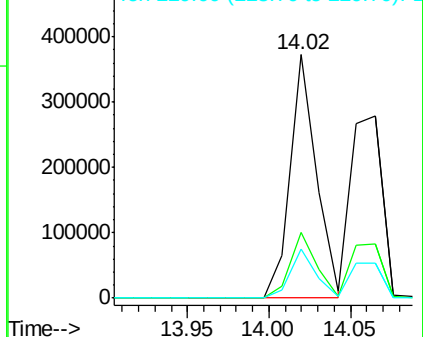
229 19.9 15.8 23.8

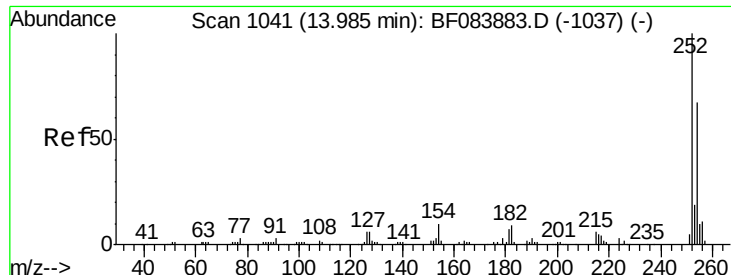


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

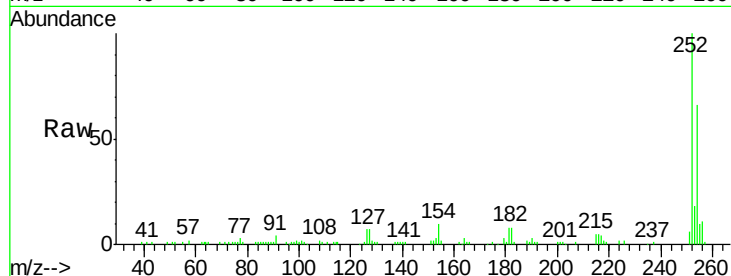




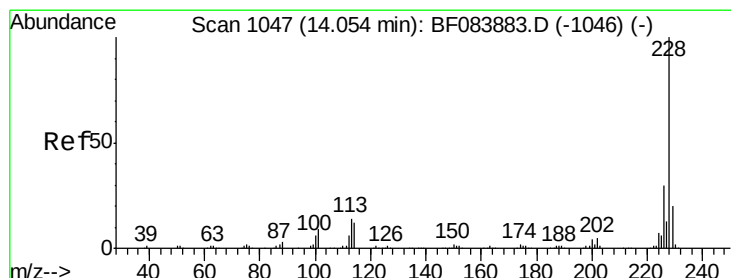
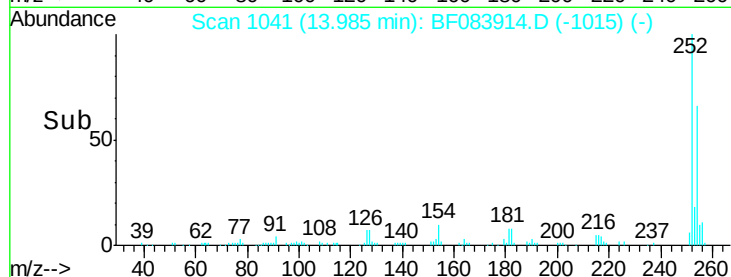
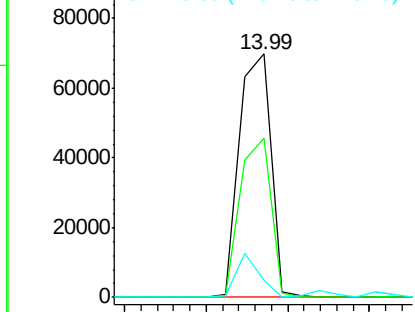
#81
 3,3'-Dichlorobenzidine
 Concen: 24.66 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Tgt Ion:	252	Resp:	93516
Ion	Ratio	Lower	Upper
252	100		
254	65.5	53.5	80.3
126	6.9	4.9	7.3

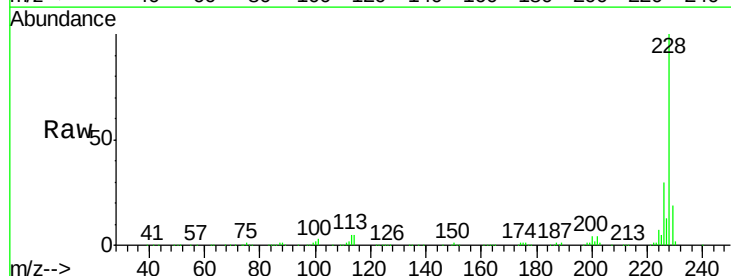


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

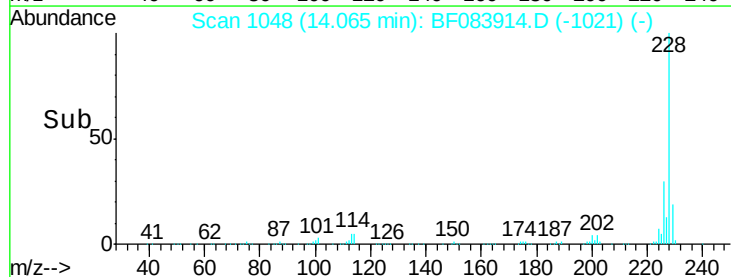
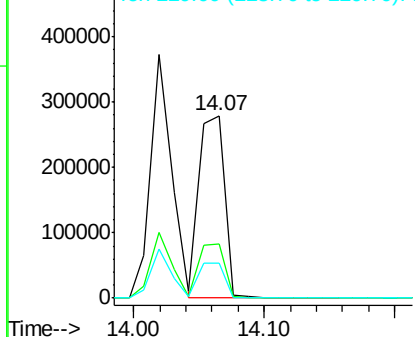


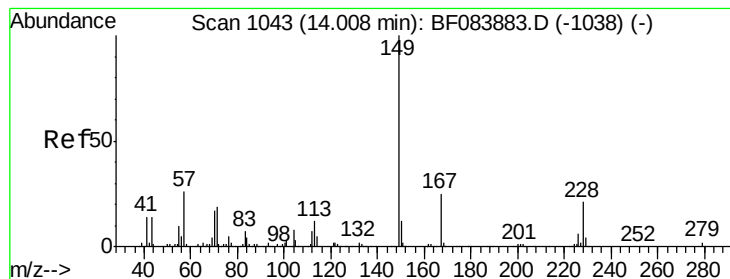
#82
 Chrysene
 Concen: 38.92 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion:	228	Resp:	381410
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	19.5	16.1	24.1



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.88 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

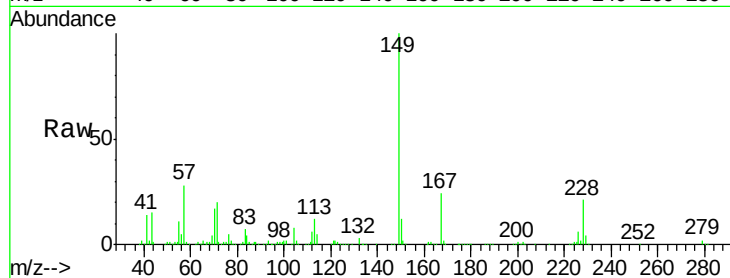
Tgt Ion:149 Resp: 336450

Ion Ratio Lower Upper

149 100

167 24.1 19.7 29.5

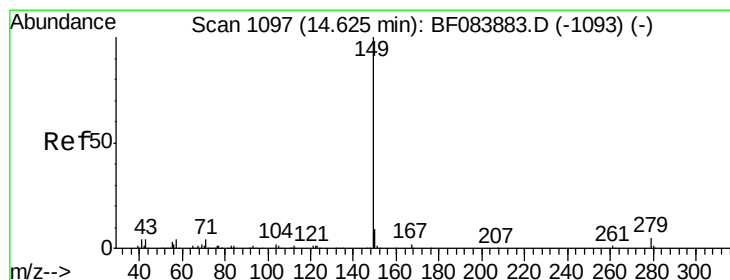
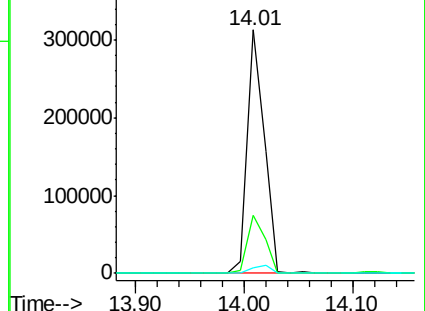
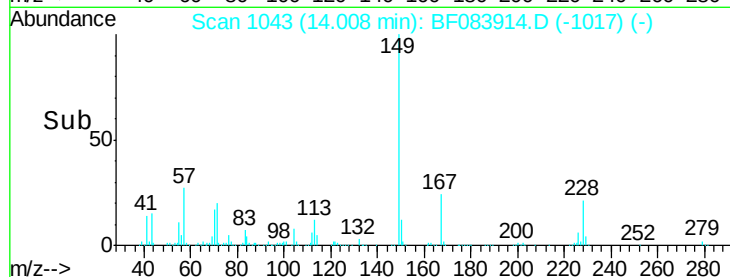
279 2.2 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.49 ng

RT: 14.63 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

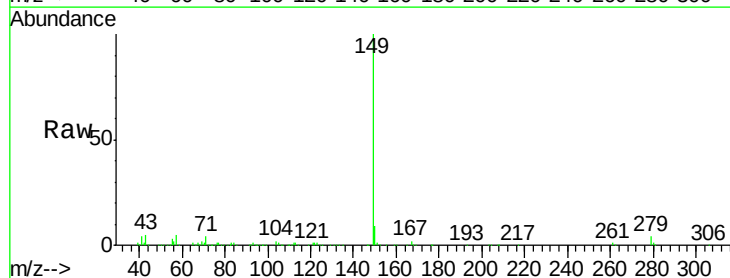
Tgt Ion:149 Resp: 567911

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

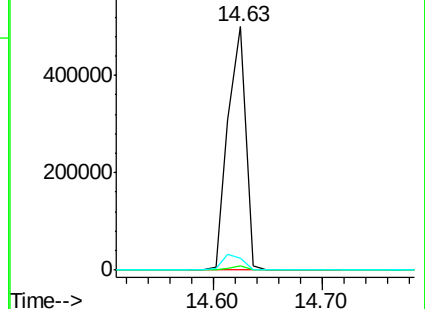
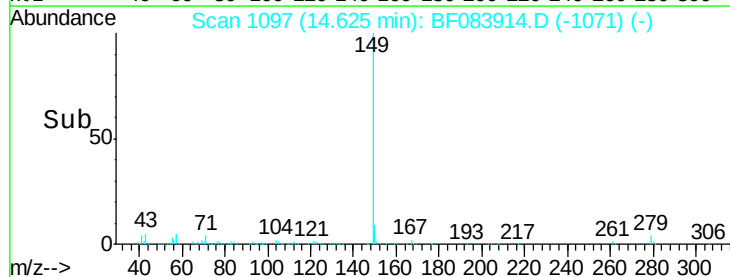
43 7.0 5.6 8.4

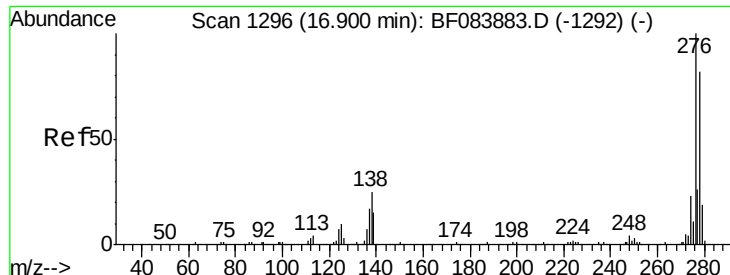


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

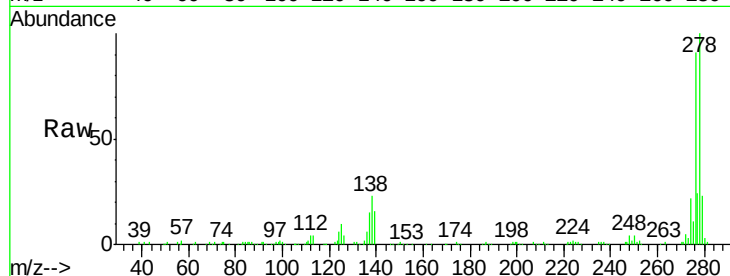




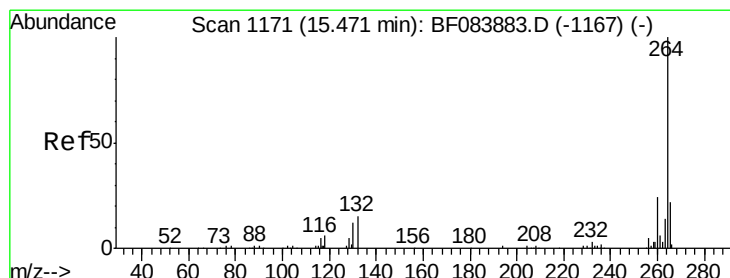
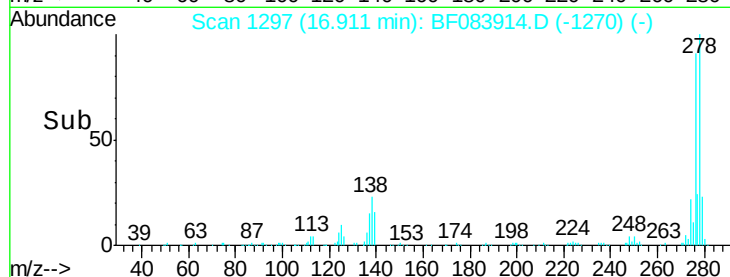
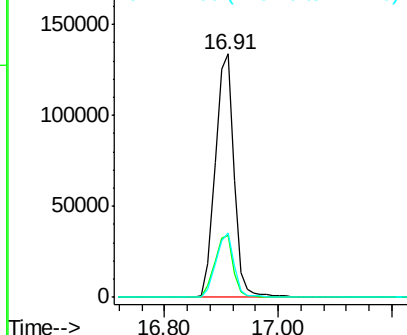
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.68 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BSD

Tgt Ion: 276 Resp: 305403
 Ion Ratio Lower Upper
 276 100
 138 25.1 20.6 30.8
 277 25.3 20.1 30.1

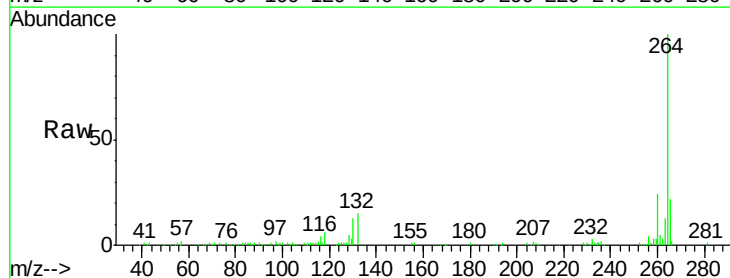


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

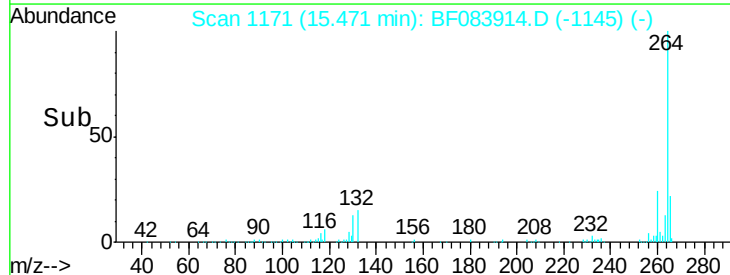
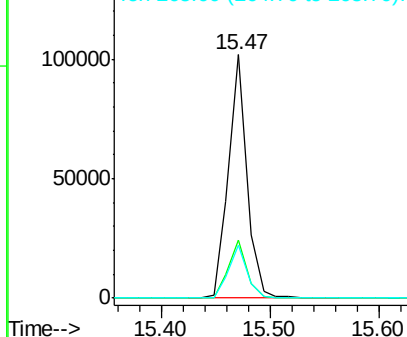


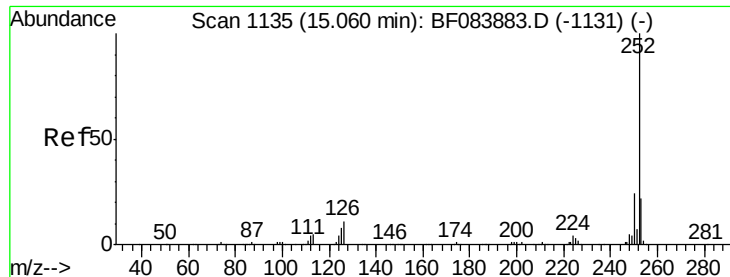
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF083914.D
 Acq: 18 Dec 2015 15:49

Tgt Ion: 264 Resp: 119956
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.7 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: 79.35 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.00 min

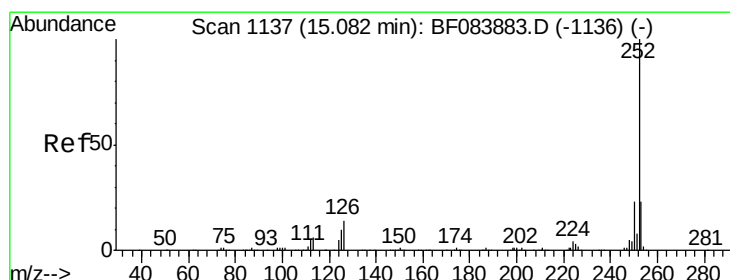
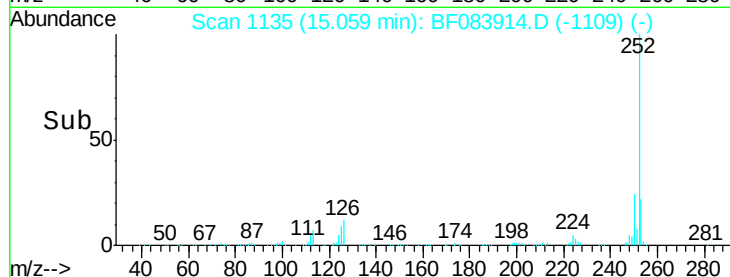
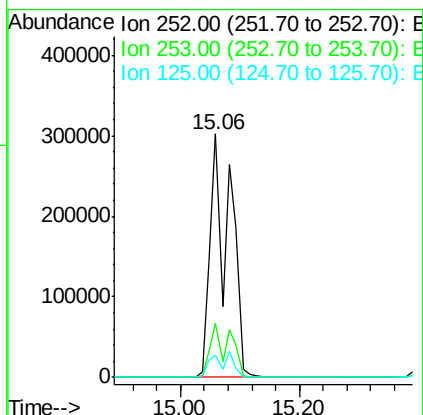
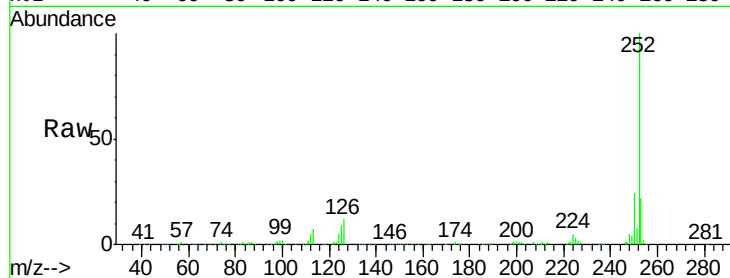
Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB87340BSD

Tgt Ion:252 Resp: 693949

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	9.2	6.5	9.7



#88

Benzo(k)fluoranthene

Concen: 96.19 ng

RT: 15.06 min Scan# 1135

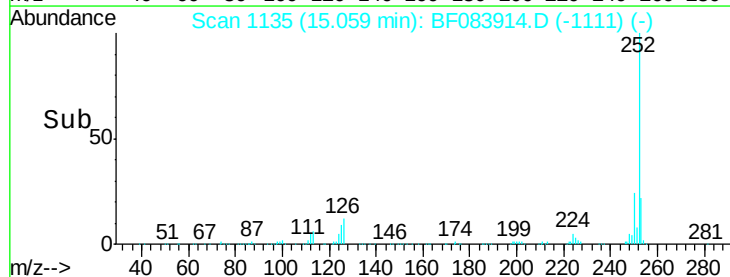
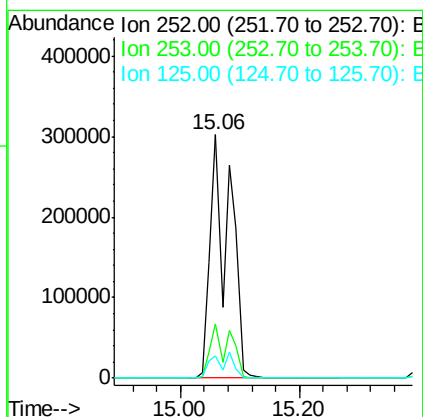
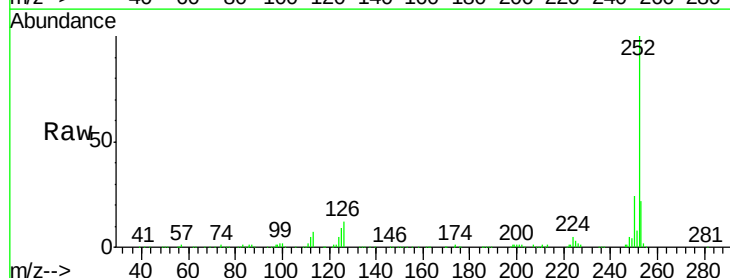
Delta R.T. -0.02 min

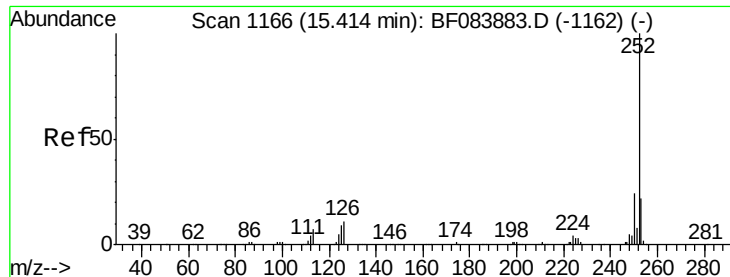
Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Tgt Ion:252 Resp: 693949

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	9.2	9.0	13.6





#89

Benzo(a)pyrene

Concen: 43.19 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

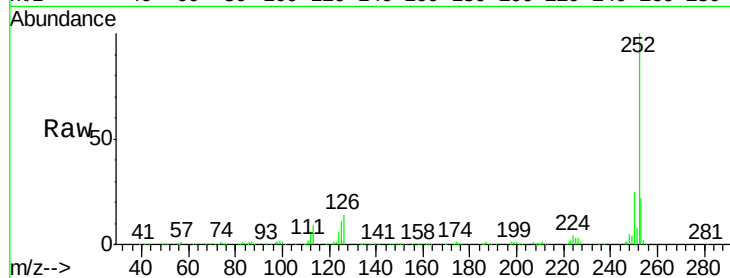
Tgt Ion:252 Resp: 311891

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

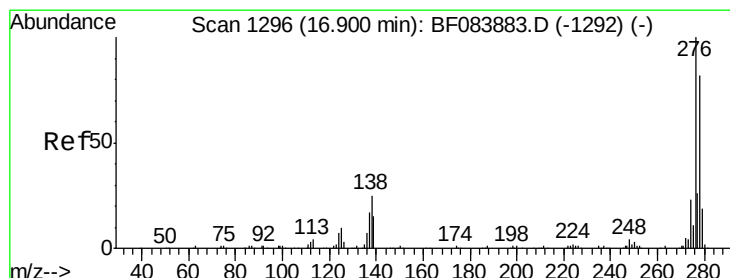
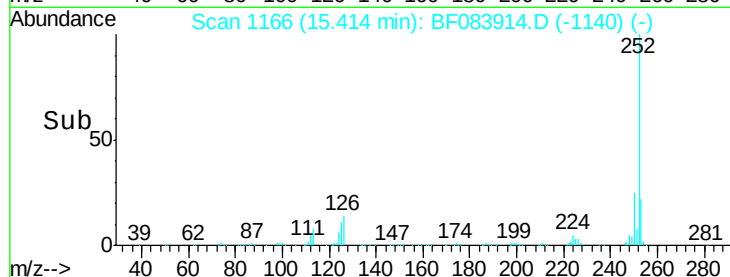
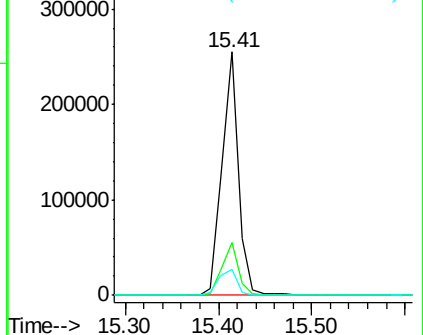
125 10.8 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.40 ng

RT: 16.91 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

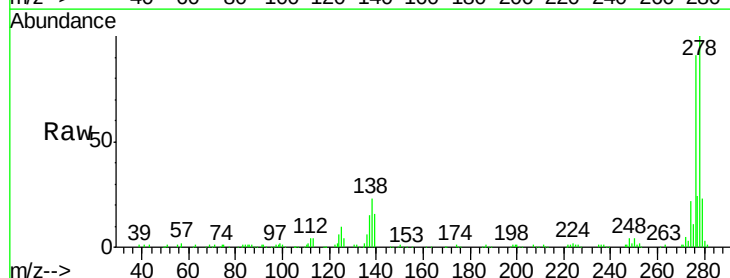
Tgt Ion:278 Resp: 255058

Ion Ratio Lower Upper

278 100

139 16.4 15.0 22.4

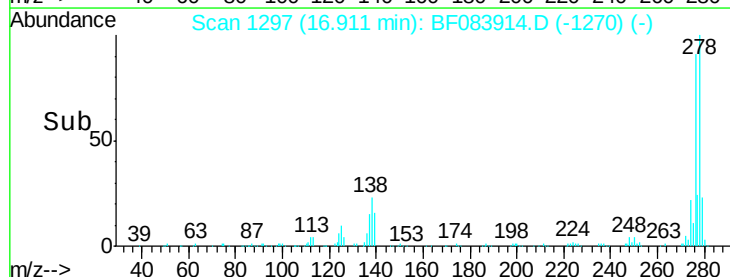
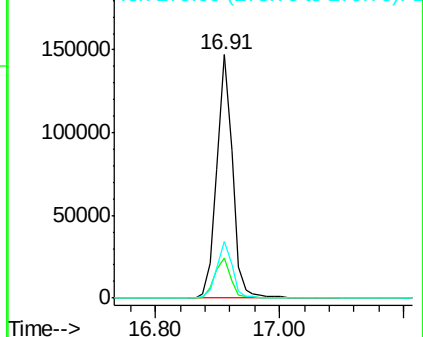
279 23.3 18.9 28.3

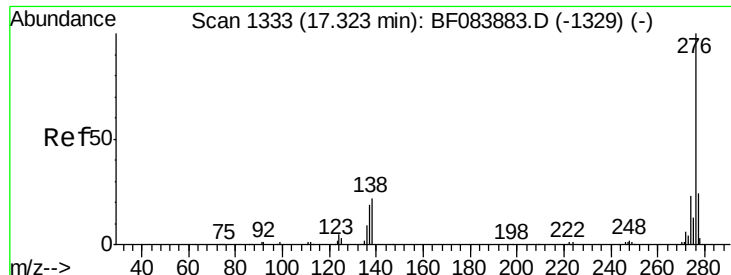


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.72 ng

RT: 17.33 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF083914.D

Acq: 18 Dec 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB87340BSD

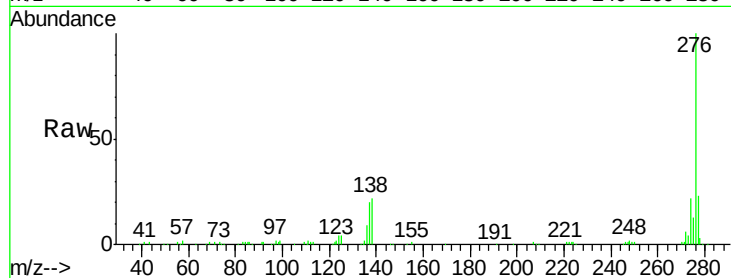
Tgt Ion: 276 Resp: 251729

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 22.1 17.8 26.6



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

