

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083978.D
 Acq On : 20 Dec 2015 4:31
 Operator : UM/SJ
 Sample : G4838-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMS

Quant Time: Dec 20 07:09:28 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	6.85	152	74809	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	286396	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	147880	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	254541	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	173891	20.00	ng	-0.02
86) Perylene-d12	15.44	264	151813	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	598812	125.27	ng	0.00
7) Phenol-d6	6.51	99	722109	123.41	ng	0.00
23) Nitrobenzene-d5	7.41	82	509655	101.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	204059	125.26	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1002573	97.43	ng	-0.02
78) Terphenyl-d14	12.96	244	880845	121.09	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	76597	36.94	ng	97
3) Pyridine	3.23	79	133625	26.06	ng	95
4) n-Nitrosodimethylamine	3.17	42	83550	42.72	ng	99
6) Aniline	6.52	93	116490	15.46	ng	# 1
8) 2-Chlorophenol	6.65	128	245208	43.10	ng	88
9) Benzaldehyde	6.40	77	30360	8.61	ng	95
10) Phenol	6.52	94	282374	43.25	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	231809	46.74	ng	97
12) 1,3-Dichlorobenzene	6.80	146	258338	42.22	ng	98
13) 1,4-Dichlorobenzene	6.86	146	246436	39.45	ng	96
14) 1,2-Dichlorobenzene	7.02	146	257748	51.78	ng	98
15) Benzyl Alcohol	7.00	79	205804	46.48	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.14	45	227215	44.43	ng	91
17) 2-Methylphenol	7.13	107	193358	43.33	ng	# 90
18) Hexachloroethane	7.37	117	95098	41.49	ng	# 88
19) n-Nitroso-di-n-propylamine	7.28	70	160883	47.17	ng	94
20) 3+4-Methylphenols	7.28	107	238865	45.55	ng	# 54
22) Acetophenone	7.26	105	319698	46.37	ng	93
24) Nitrobenzene	7.44	77	245527	47.31	ng	100
25) Isophorone	7.68	82	444864	47.12	ng	99
26) 2-Nitrophenol	7.76	139	140151	52.17	ng	98
27) 2,4-Dimethylphenol	7.80	122	249389	53.89	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	269964	48.34	ng	# 97
29) 2,4-Dichlorophenol	8.01	162	210496	50.14	ng	94
30) 1,2,4-Trichlorobenzene	8.08	180	204163	45.28	ng	99
31) Naphthalene	8.16	128	1041676	73.59	ng	99
32) Benzoic acid	7.95	122	125405	64.82	ng	94
33) 4-Chloroaniline	8.21	127	66256	10.19	ng	# 93
34) Hexachlorobutadiene	8.28	225	106858	37.95	ng	99
35) Caprolactam	8.59	113	61256	44.16	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	228612	48.38	ng	97
37) 2-Methylnaphthalene	8.85	142	553211	55.58	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	199441	42.77	ng	97
40) Hexachlorocyclopentadiene	9.00	237	78418	57.11	ng	96

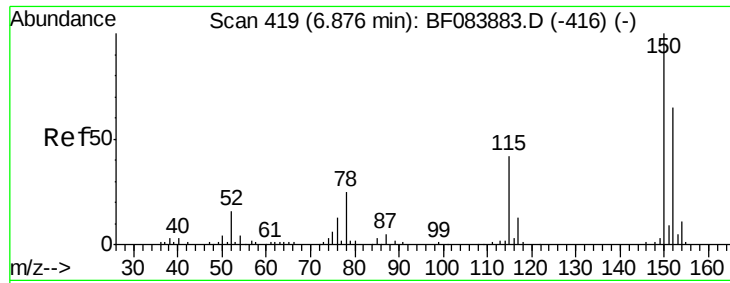
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	133010	43.20	ng	97
43) 2,4,5-Trichlorophenol	9.18	196	156022	51.21	ng	93
45) 1,1'-Biphenyl	9.31	154	548963	44.20	ng	100
46) 2-Chloronaphthalene	9.33	162	434153	44.67	ng	99
47) 2-Nitroaniline	9.44	65	136866	46.80	ng	# 74
48) Acenaphthylene	9.76	152	783278	45.43	ng	100
49) Dimethylphthalate	9.62	163	556129	44.82	ng	# 90
50) 2,6-Dinitrotoluene	9.68	165	109826	40.57	ng	# 67
51) Acenaphthene	9.93	154	461319	43.52	ng	99
52) 3-Nitroaniline	9.85	138	60527	21.21	ng	# 75
53) 2,4-Dinitrophenol	9.96	184	96735	97.02	ng	# 88
54) Dibenzofuran	10.10	168	663743	48.21	ng	96
55) 4-Nitrophenol	10.03	139	150979	84.76	ng	91
56) 2,4-Dinitrotoluene	10.09	165	170960	49.27	ng	# 84
57) Fluorene	10.44	166	517424	49.73	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	113317	50.27	ng	92
59) Diethylphthalate	10.32	149	555348	43.29	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	235860	44.70	ng	99
61) 4-Nitroaniline	10.46	138	117119	39.67	ng	92
62) Azobenzene	10.59	77	536366	49.88	ng	99
64) 4,6-Dinitro-2-methylphenol	10.50	198	74123	47.44	ng	76
65) n-Nitrosodiphenylamine	10.54	169	420046	45.35	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	145138	46.64	ng	99
67) Hexachlorobenzene	10.99	284	158843	48.48	ng	96
68) Atrazine	11.08	200	95795	32.65	ng	95
69) Pentachlorophenol	11.18	266	130327	92.92	ng	99
70) Phenanthrene	11.40	178	721278	46.90	ng	100
71) Anthracene	11.45	178	660181	44.41	ng	100
72) Carbazole	11.61	167	658047	44.80	ng	97
73) Di-n-butylphthalate	11.94	149	829600	48.07	ng	100
74) Fluoranthene	12.58	202	627236	40.87	ng	99
77) Pyrene	12.81	202	640716	55.74	ng	100
79) Butylbenzylphthalate	13.43	149	310114	53.57	ng	97
80) Benzo(a)anthracene	14.00	228	483593	45.23	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	60746	15.20	ng	# 92
82) Chrysene	14.03	228	422908	40.95	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	431594	55.84	ng	99
84) Di-n-octyl phthalate	14.59	149	656914	54.31	ng	98
85) Indeno(1,2,3-cd)pyrene	16.87	276	516762	66.91	ng	98
87) Benzo(b)fluoranthene	15.06	252	917027	82.85	ng	99
88) Benzo(k)fluoranthene	15.06	252	917027	100.44	ng	# 97
89) Benzo(a)pyrene	15.38	252	433203	47.40	ng	# 96
90) Dibenzo(a,h)anthracene	16.87	278	432970	60.89	ng	97
91) Benzo(g,h,i)perylene	17.28	276	411104	58.99	ng	97

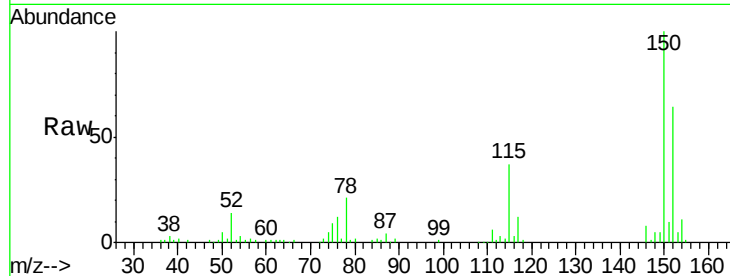
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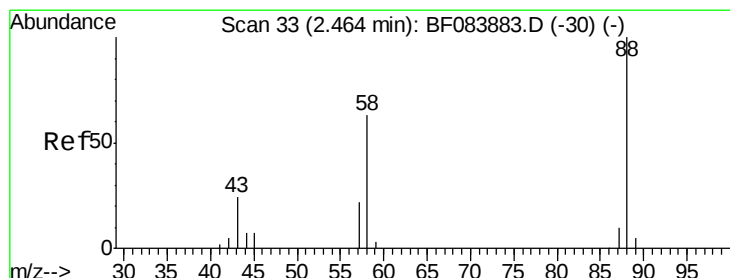
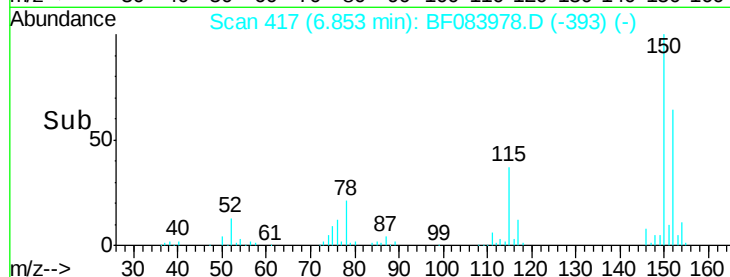
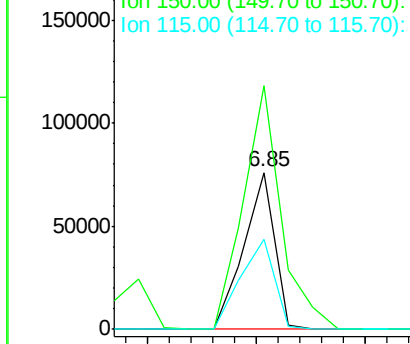
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMS

Tgt Ion:152 Resp: 74809
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.0 184.4
 115 57.1 51.4 77.2

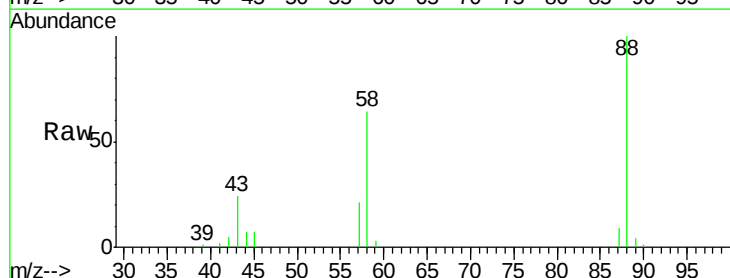


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

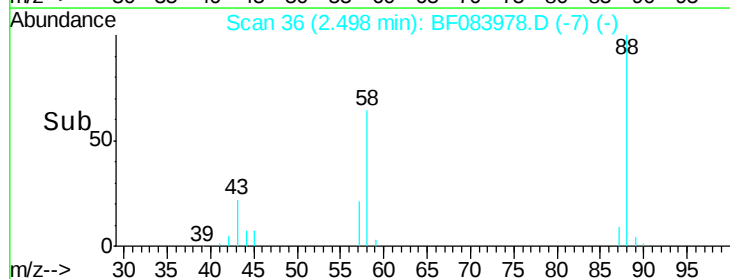
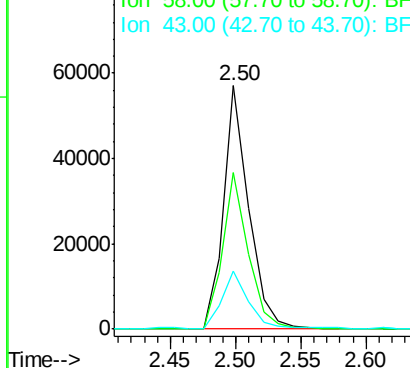


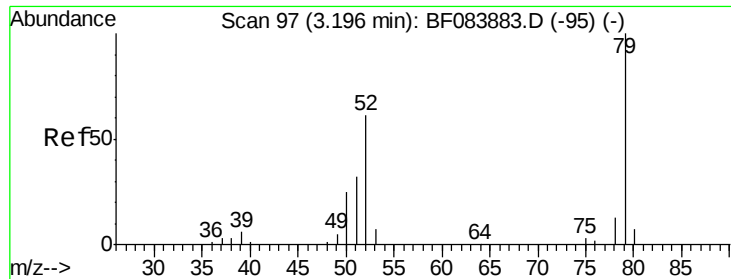
#2
 1,4-Dioxane
 Concen: 36.94 ng
 RT: 2.50 min Scan# 36
 Delta R.T. 0.03 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Tgt Ion: 88 Resp: 76597
 Ion Ratio Lower Upper
 88 100
 58 65.9 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: 26.06 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.03 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

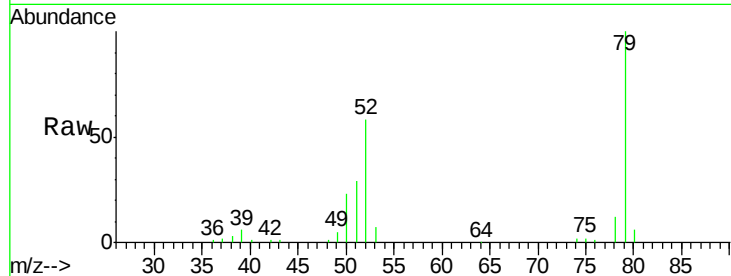
Tgt Ion: 79 Resp: 133625

Ion Ratio Lower Upper

79 100

52 57.8 49.0 73.4

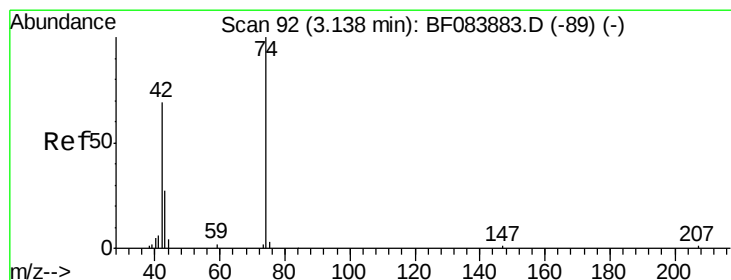
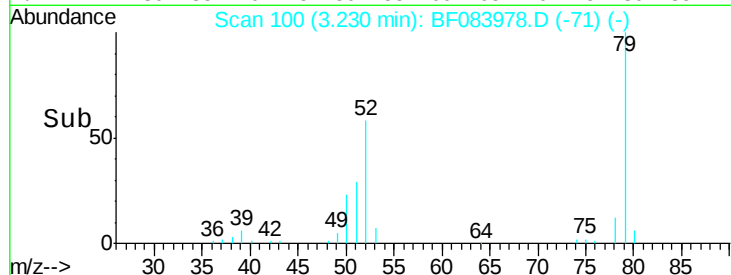
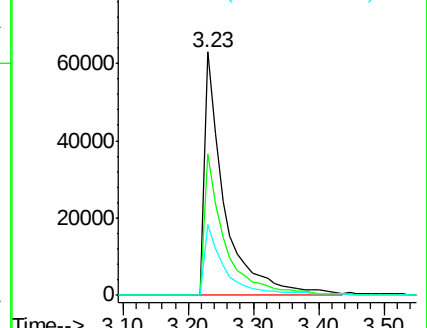
51 28.9 25.2 37.8



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: 42.72 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.03 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

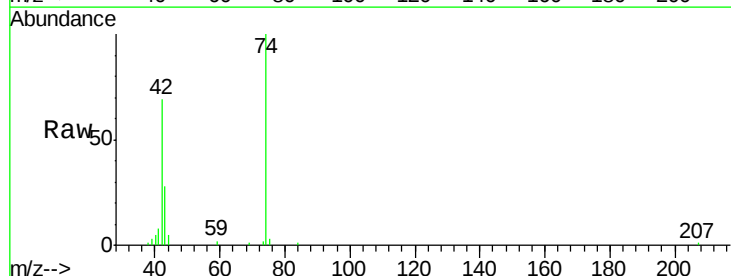
Tgt Ion: 42 Resp: 83550

Ion Ratio Lower Upper

42 100

74 145.8 115.7 173.5

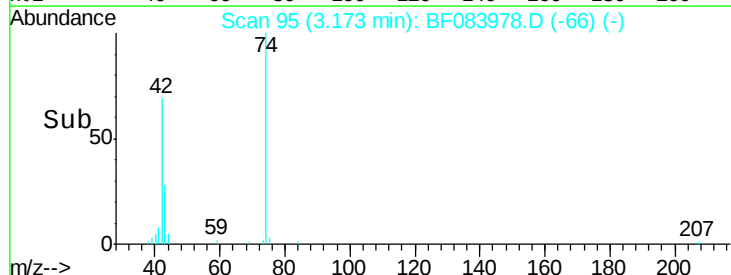
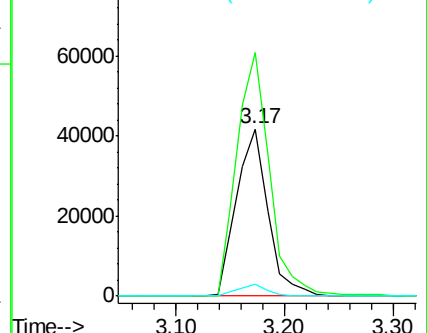
44 7.1 5.1 7.7

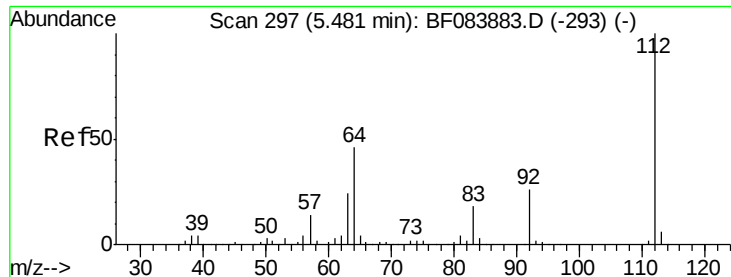


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

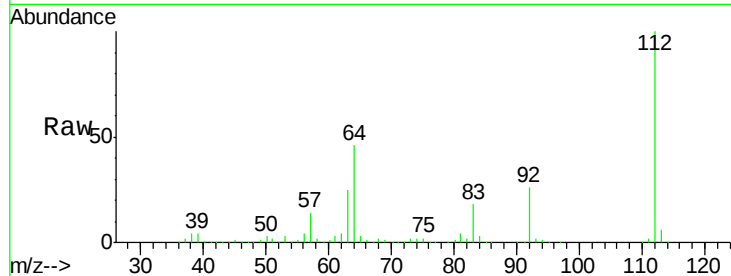




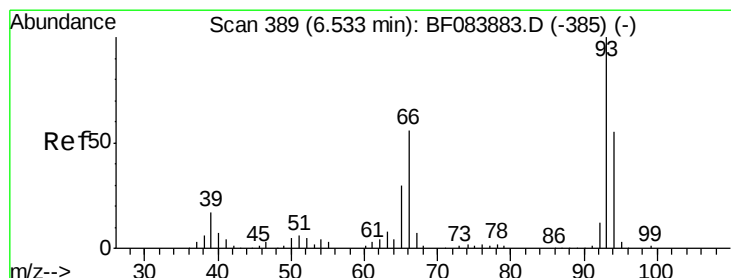
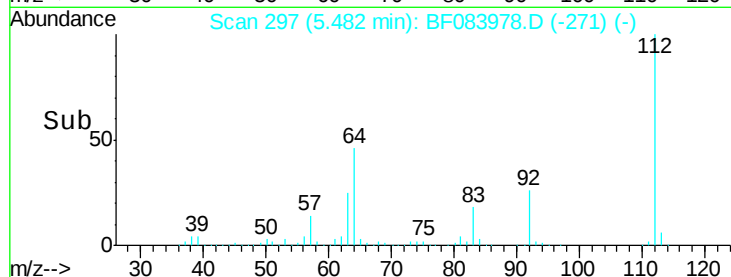
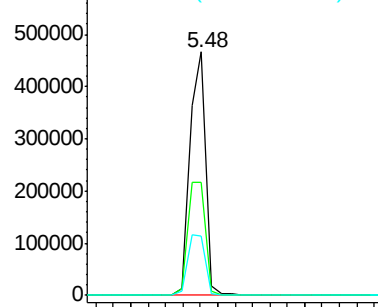
#5
 2-Fluorophenol
 Concen: 125.27 ng
 RT: 5.48 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMS

Tgt Ion: 112 Resp: 598812
 Ion Ratio Lower Upper
 112 100
 64 46.5 36.6 55.0
 63 24.6 19.4 29.0

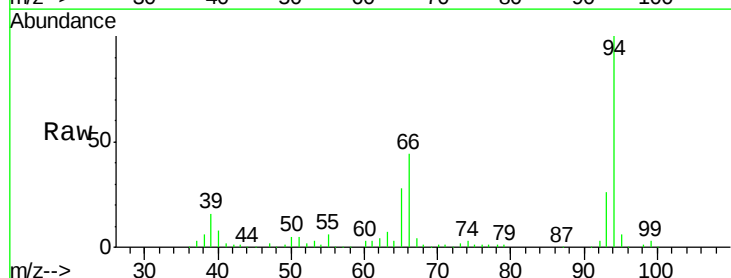


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

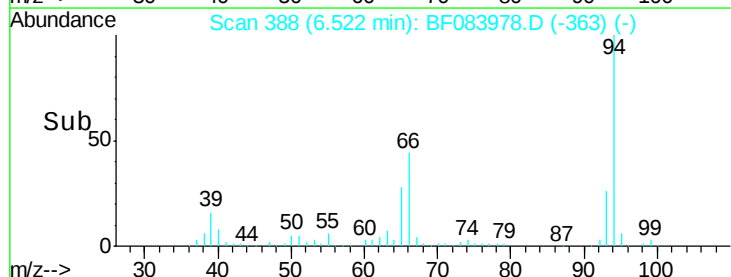
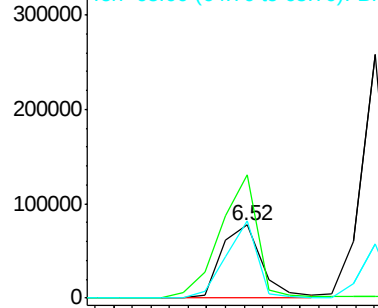


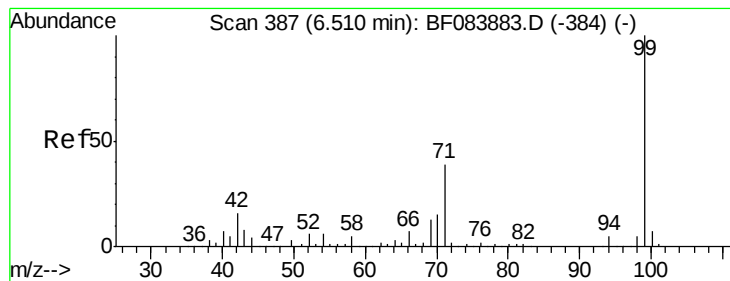
#6
 Aniline
 Concen: 15.46 ng
 RT: 6.52 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Tgt Ion: 93 Resp: 116490
 Ion Ratio Lower Upper
 93 100
 66 169.3 44.9 67.3#
 65 106.2 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: 123.41 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

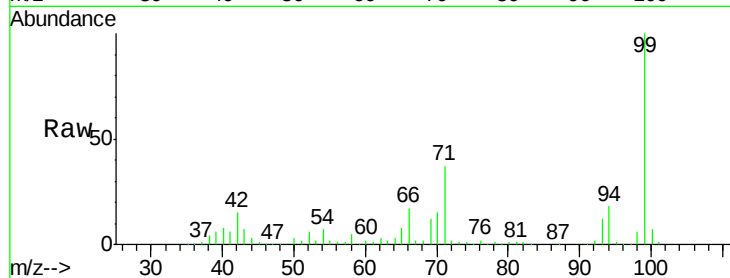
Tgt Ion: 99 Resp: 722109

Ion Ratio Lower Upper

99 100

42 14.6 12.8 19.2

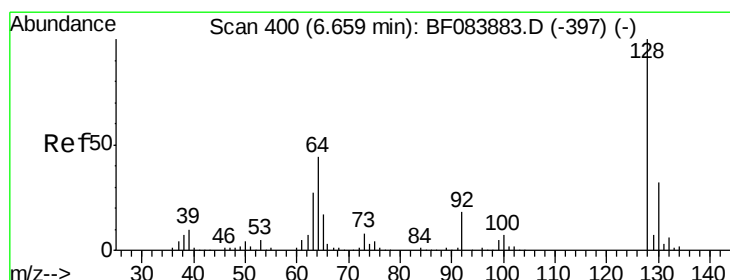
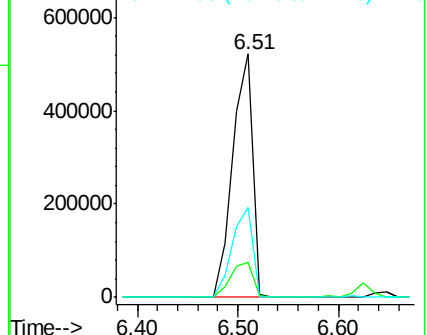
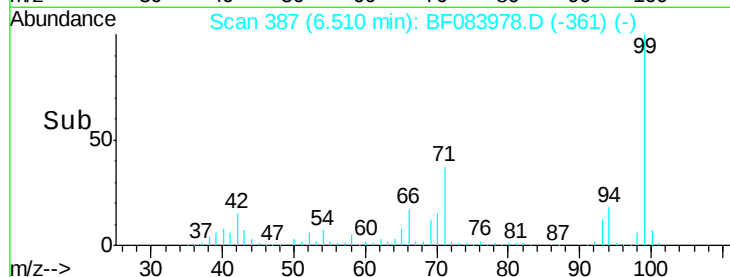
71 36.8 30.9 46.3



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: 43.10 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

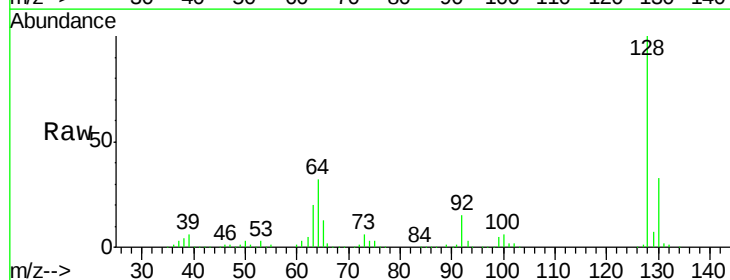
Tgt Ion: 128 Resp: 245208

Ion Ratio Lower Upper

128 100

130 33.3 11.6 51.6

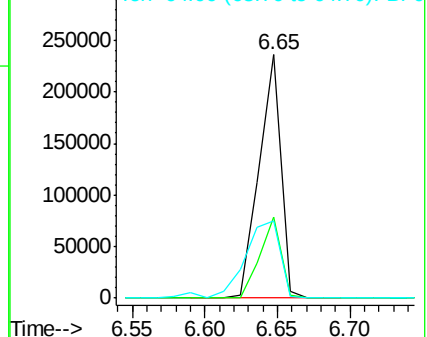
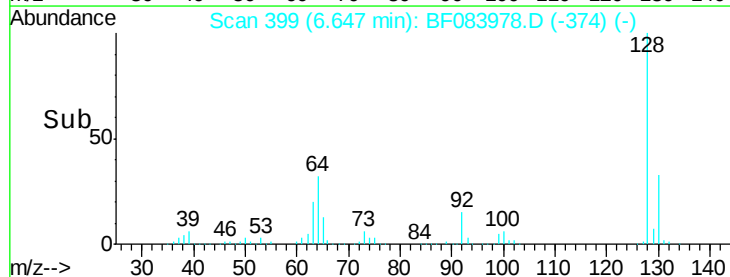
64 31.7 23.8 63.8

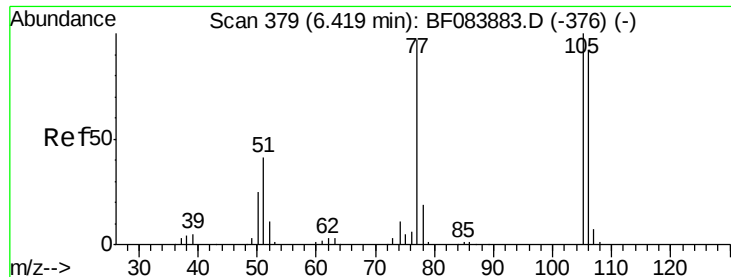


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.61 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

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ClientSampleId :

WC121515-LIQUID-POPHMS

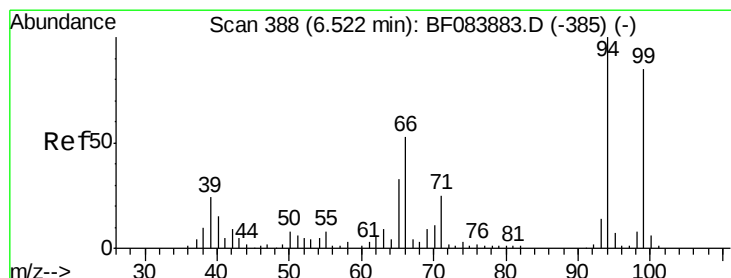
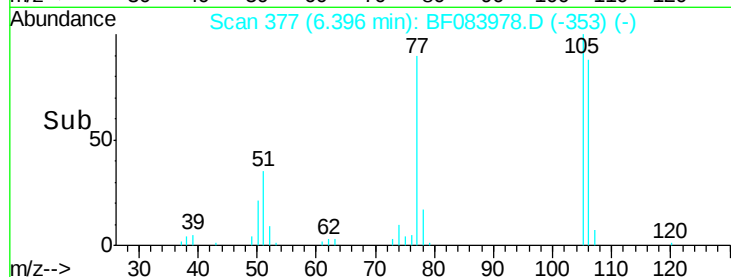
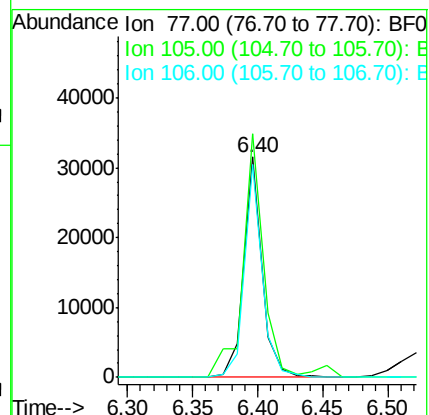
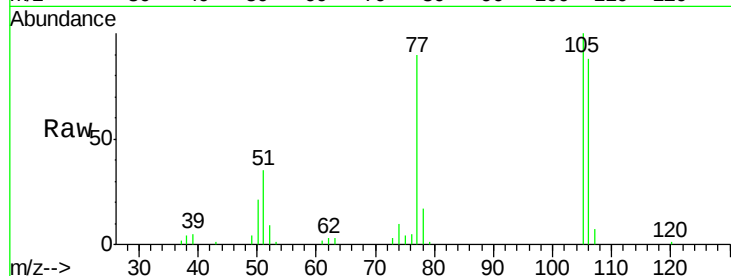
Tgt Ion: 77 Resp: 30360

Ion Ratio Lower Upper

77 100

105 110.6 83.0 123.0

106 96.9 74.6 114.6



#10

Phenol

Concen: 43.25 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

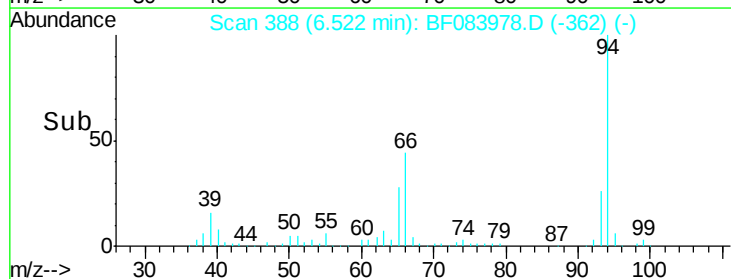
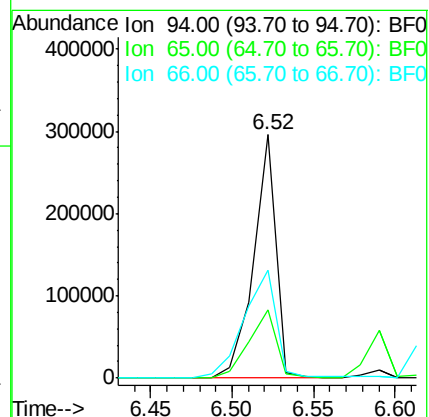
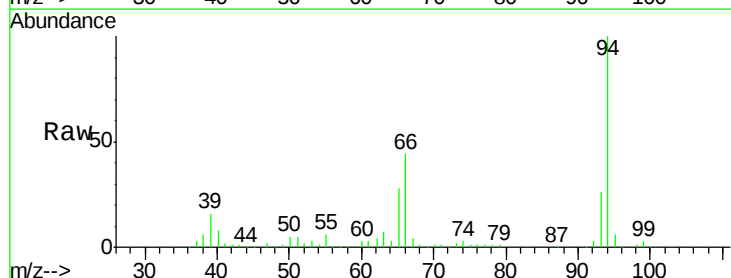
Tgt Ion: 94 Resp: 282374

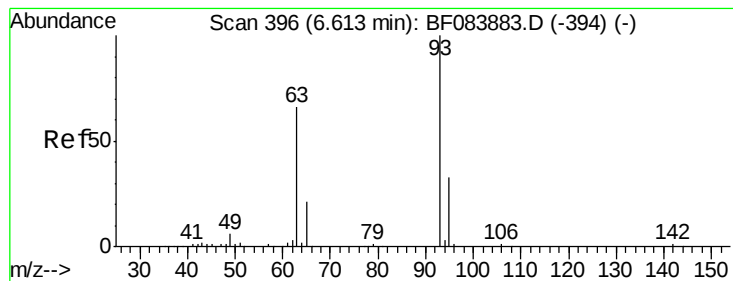
Ion Ratio Lower Upper

94 100

65 27.8 12.9 52.9

66 44.4 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 46.74 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

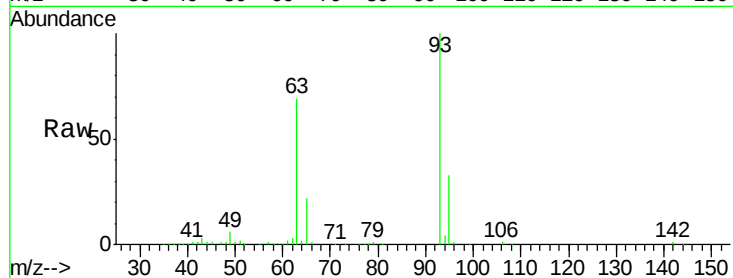
Tgt Ion: 93 Resp: 231809

Ion Ratio Lower Upper

93 100

63 68.7 45.9 85.9

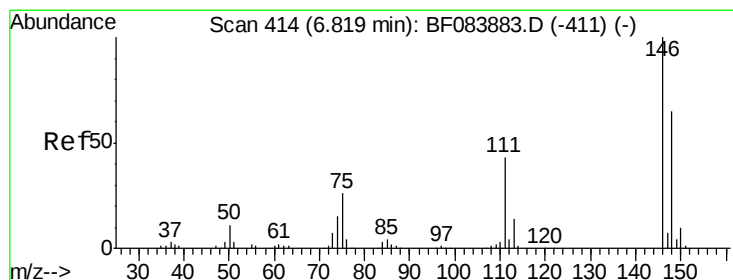
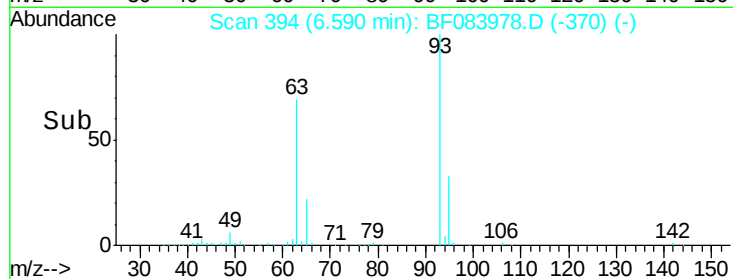
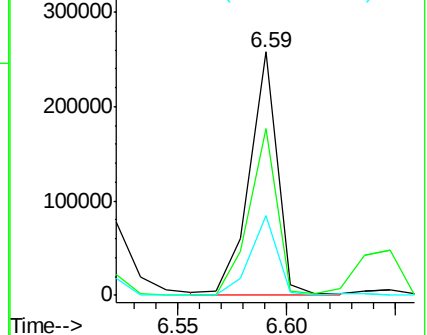
95 33.0 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.22 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

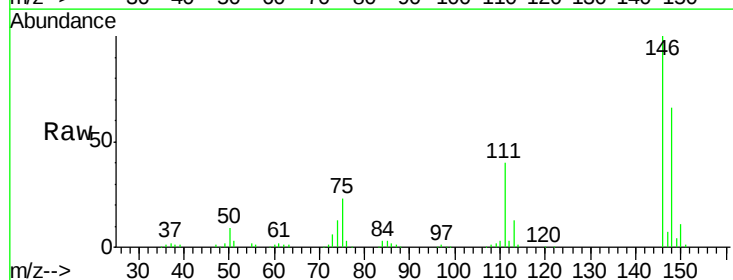
Tgt Ion: 146 Resp: 258338

Ion Ratio Lower Upper

146 100

148 65.8 51.9 77.9

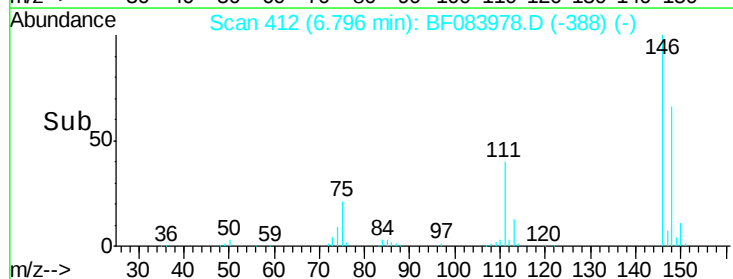
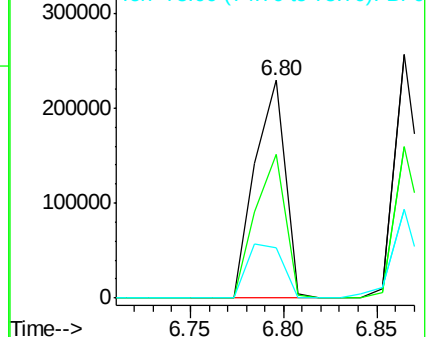
75 22.9 20.5 30.7

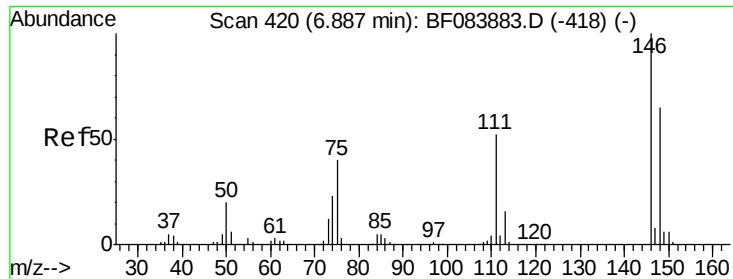


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

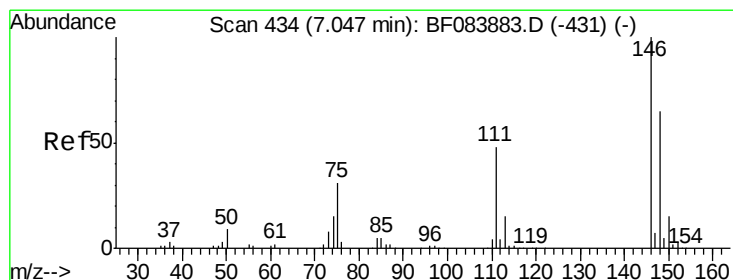
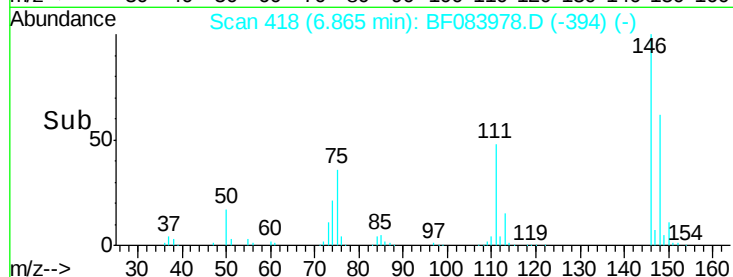
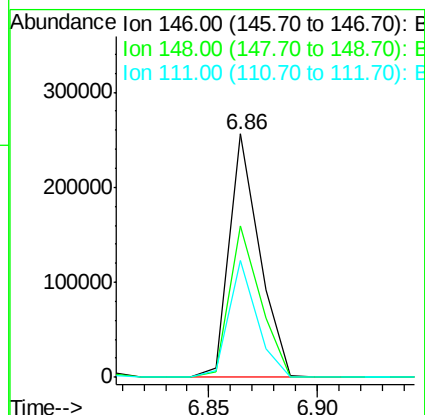
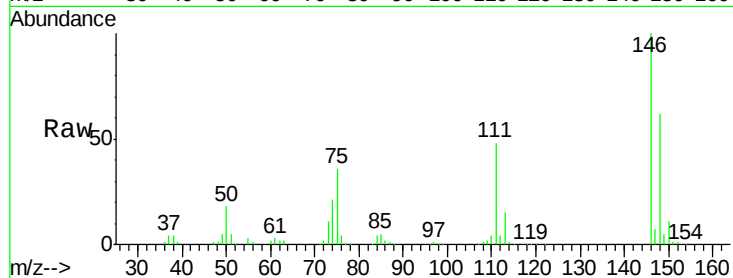




#13
1,4-Dichlorobenzene
Concen: 39.45 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

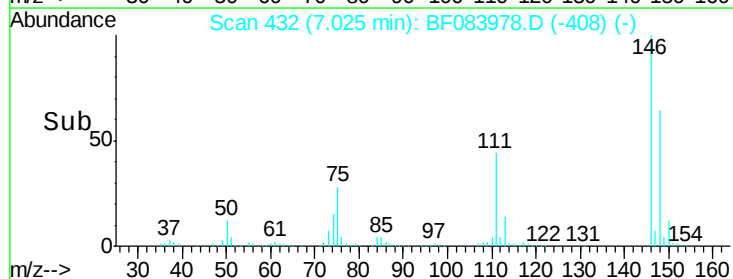
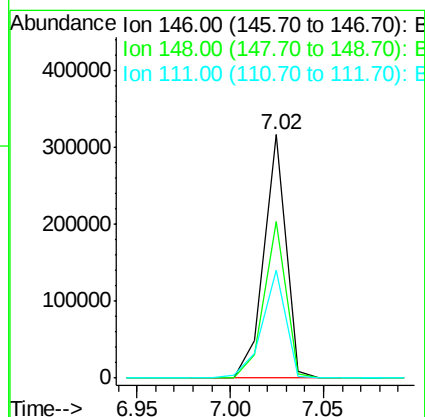
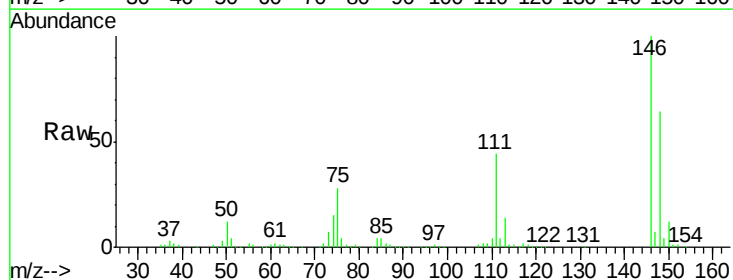
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

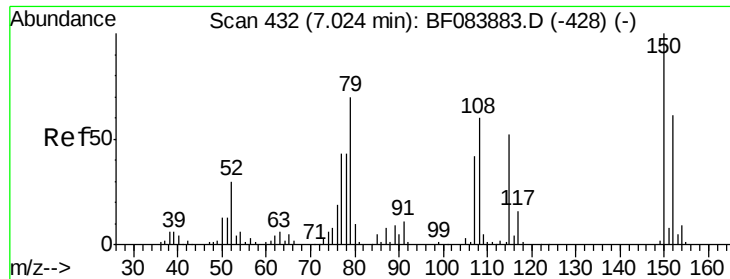
Tgt Ion:146 Resp: 246436
Ion Ratio Lower Upper
146 100
148 62.4 51.9 77.9
111 47.9 41.6 62.4



#14
1,2-Dichlorobenzene
Concen: 51.78 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:146 Resp: 257748
Ion Ratio Lower Upper
146 100
148 64.2 51.6 77.4
111 44.1 38.0 57.0





#15

Benzyl Alcohol

Concen: 46.48 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

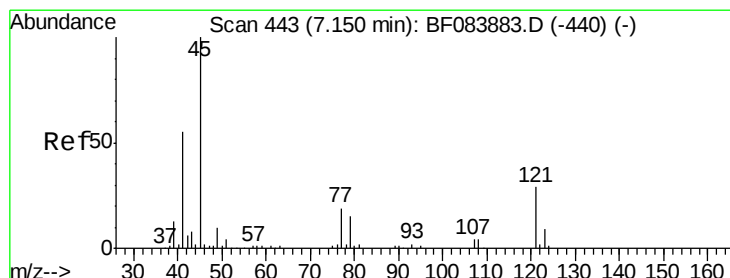
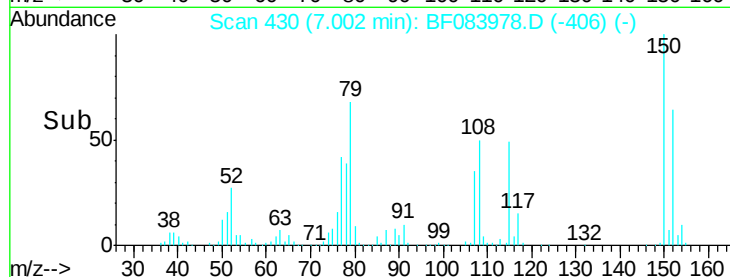
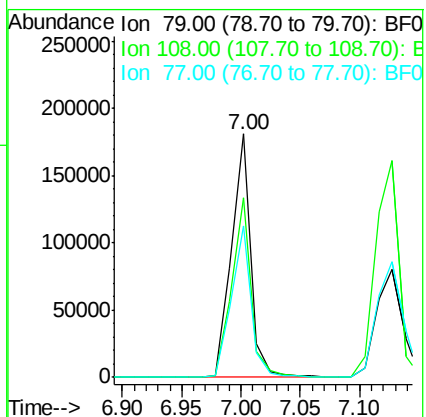
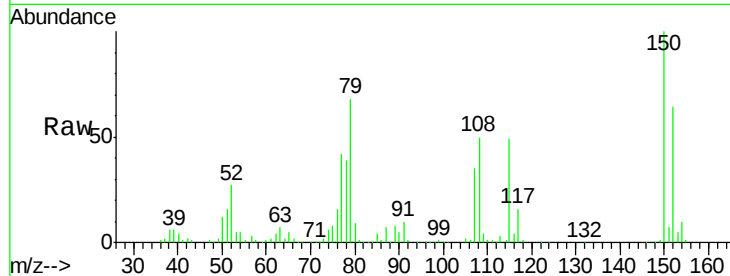
Tgt Ion: 79 Resp: 205804

Ion Ratio Lower Upper

79 100

108 73.9 69.0 103.4

77 62.3 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.43 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

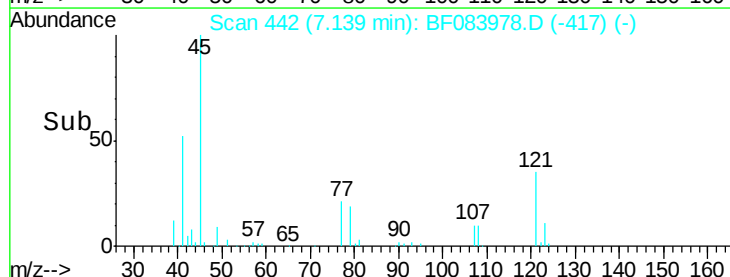
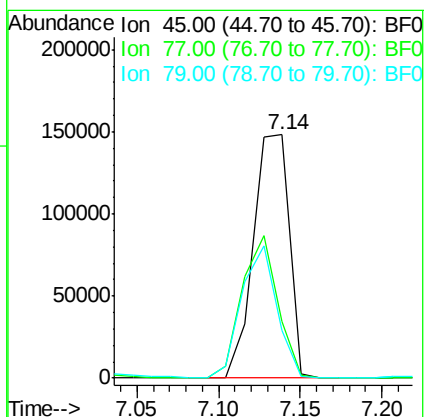
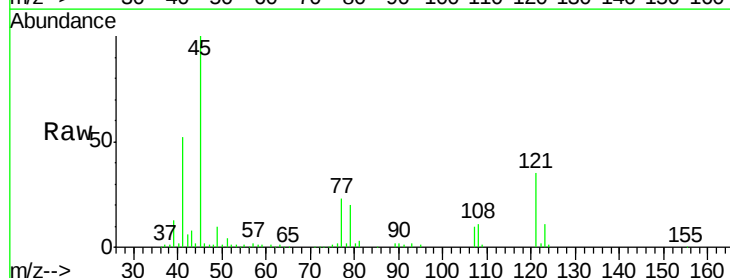
Tgt Ion: 45 Resp: 227215

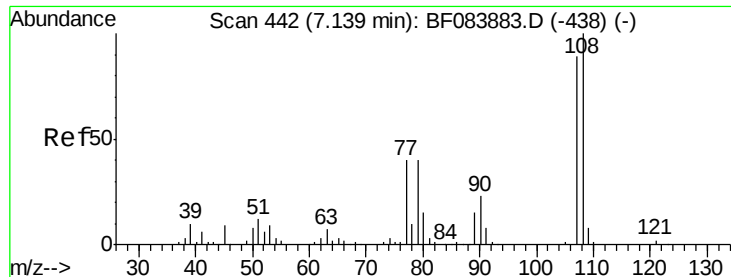
Ion Ratio Lower Upper

45 100

77 23.4 0.0 39.6

79 19.6 0.0 35.0

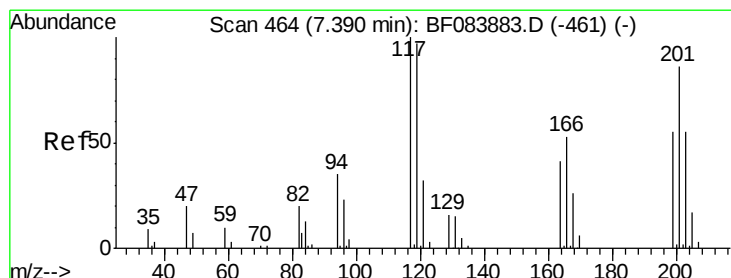
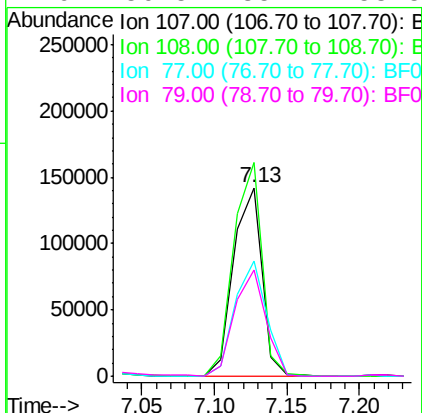
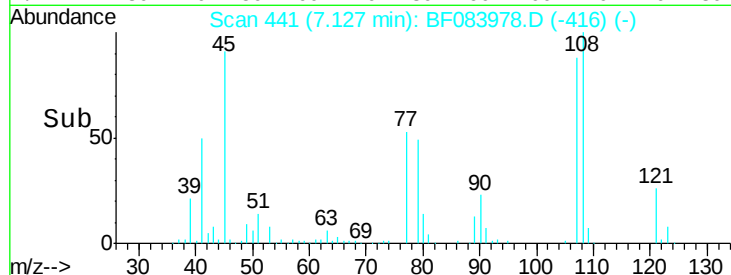
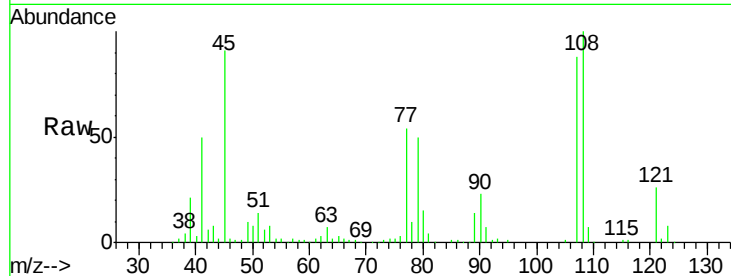




#17
 2-Methylphenol
 Concen: 43.33 ng
 RT: 7.13 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

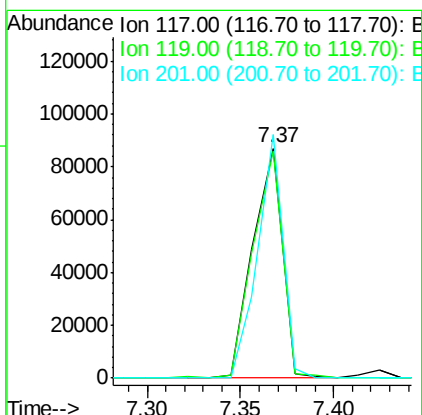
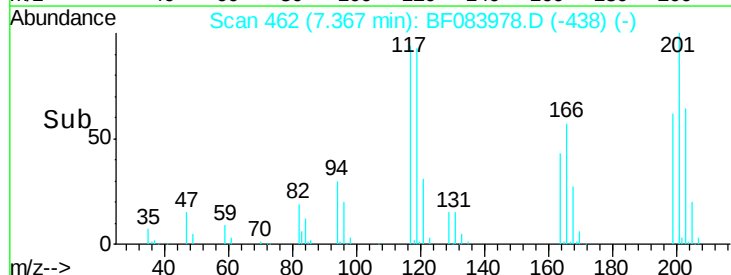
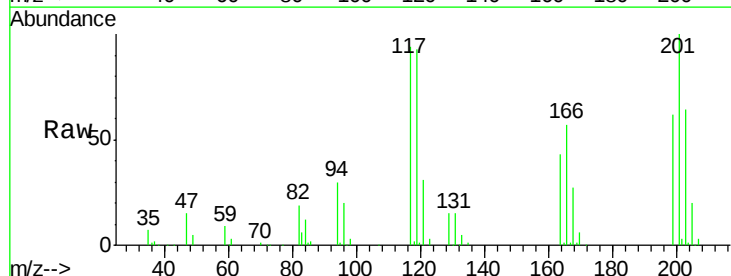
Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMS

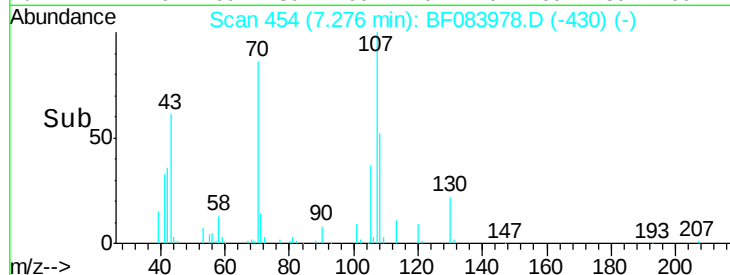
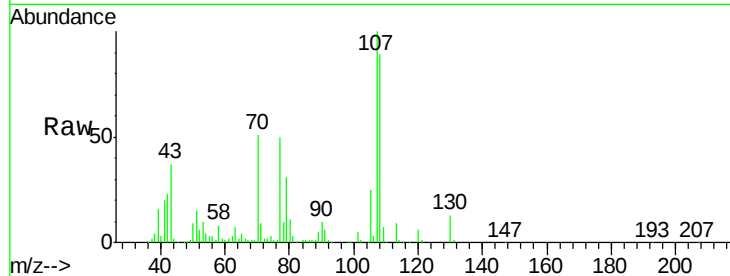
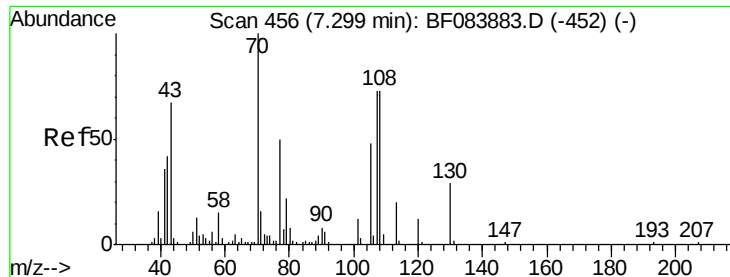
Tgt Ion:	107	Resp:	193358
Ion	Ratio	Lower	Upper
107	100		
108	113.5	89.8	134.6
77	60.9	35.7	53.5#
79	56.5	35.7	53.5#



#18
 Hexachloroethane
 Concen: 41.49 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Tgt Ion:	117	Resp:	95098
Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.4	116.0
201	106.0	68.6	103.0#

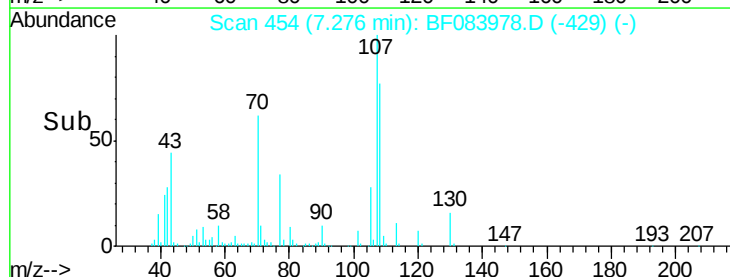
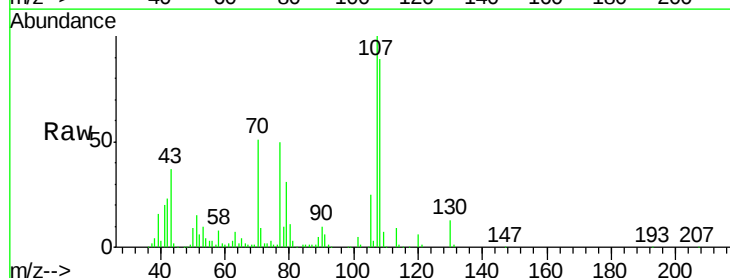
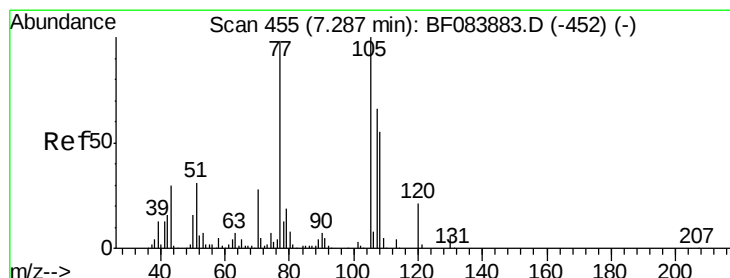
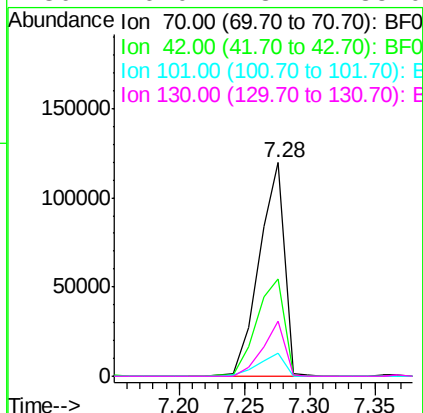




#19
n-Nitroso-di-n-propylamine
Concen: 47.17 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

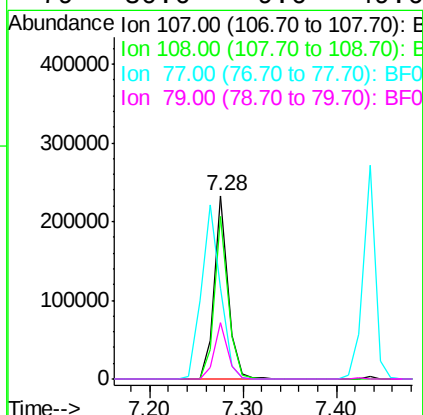
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

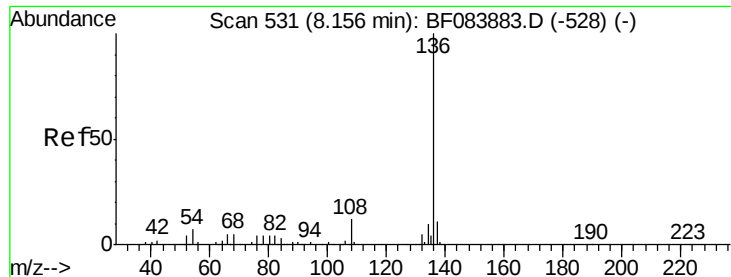
Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.4	33.3	49.9
101	10.7	9.3	13.9
130	26.0	23.4	35.0



#20
3+4-Methylphenols
Concen: 45.55 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	64.1	104.1
77	49.6	128.9	168.9#
79	30.6	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

Tgt Ion:136 Resp: 286396

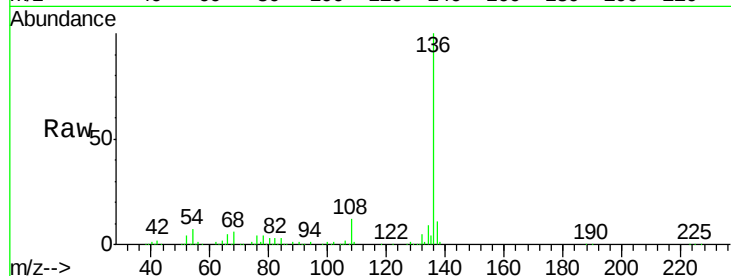
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.2 5.8 8.8

68 5.5 4.2 6.2

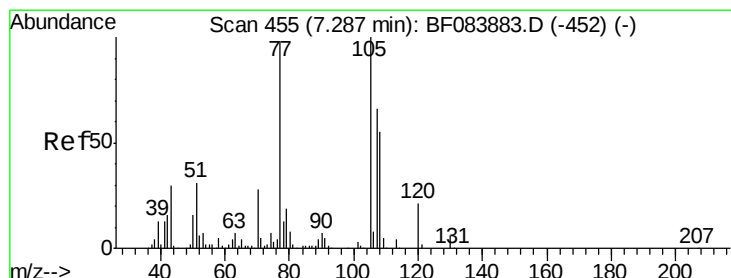
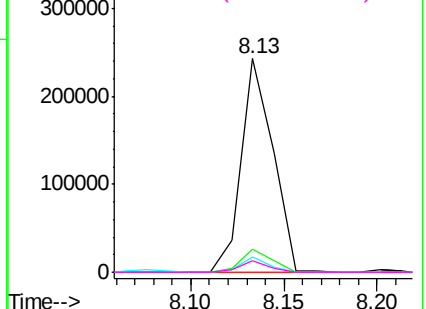
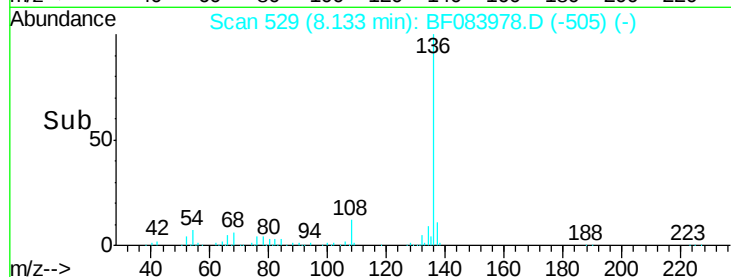


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.37 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Tgt Ion:105 Resp: 319698

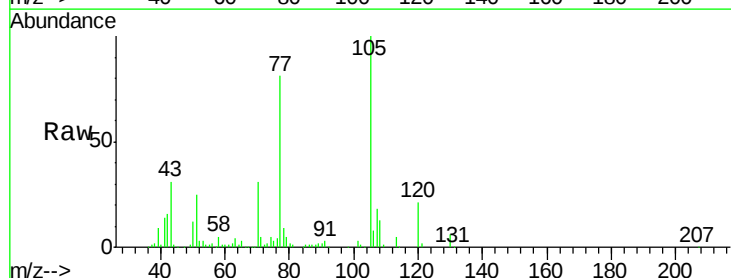
Ion Ratio Lower Upper

105 100

71 5.4 3.7 5.5

51 25.1 25.1 37.7

120 21.5 16.6 25.0

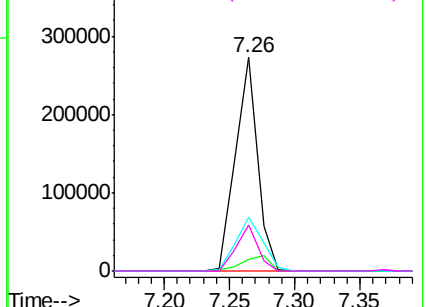
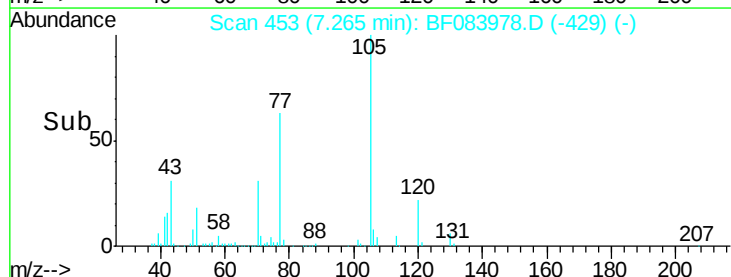


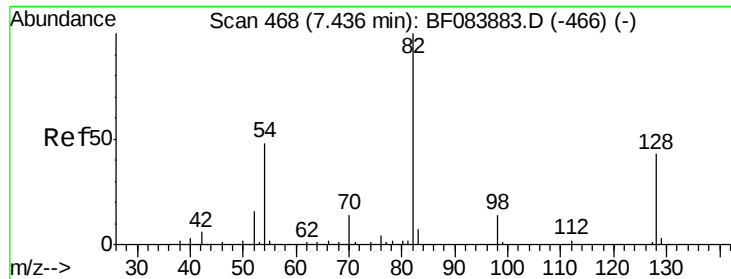
Abundance Ion 105.00 (104.70 to 105.70): E

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

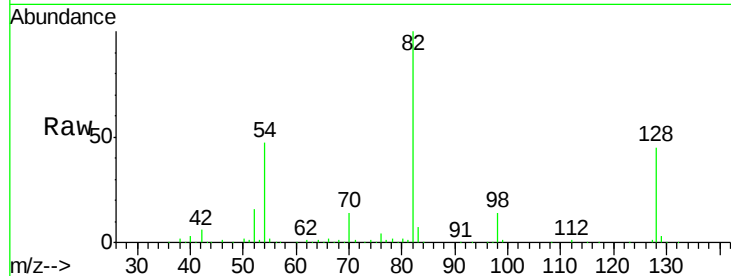




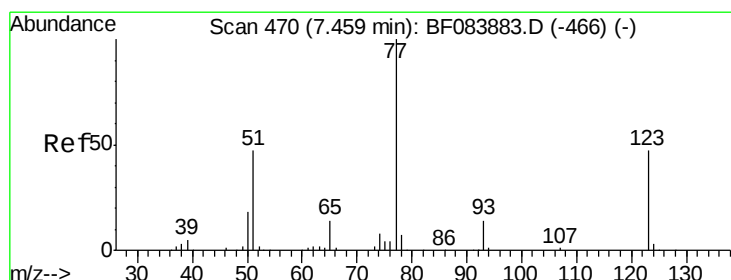
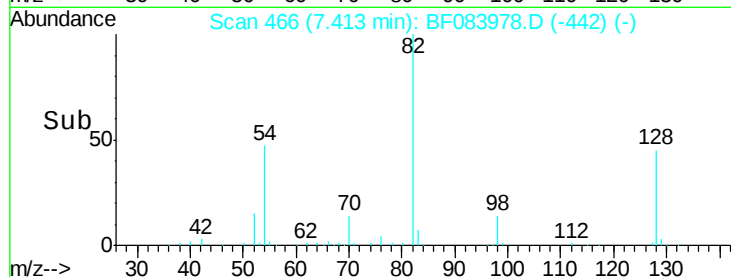
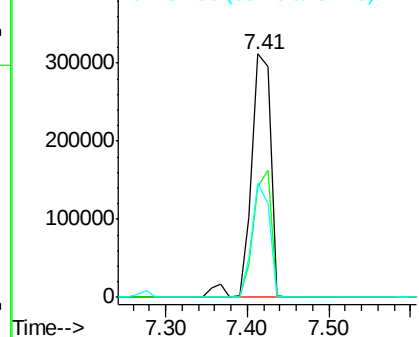
#23
 Nitrobenzene-d5
 Concen: 101.56 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	46.8	38.4	57.6

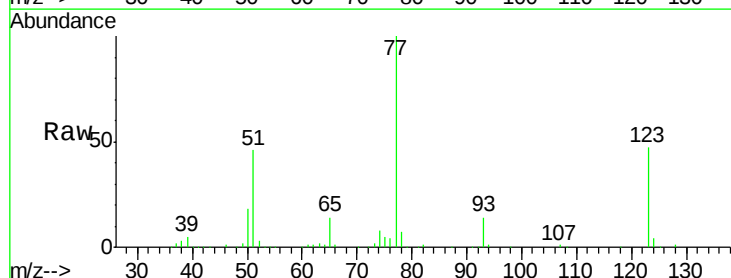


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

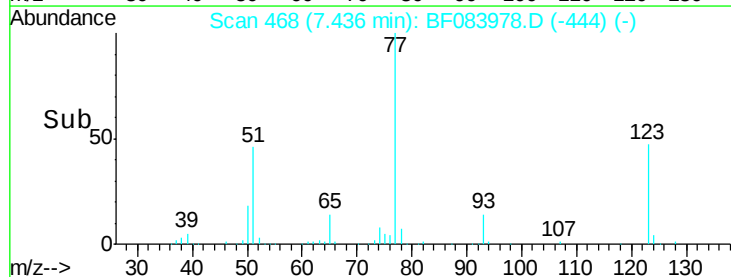
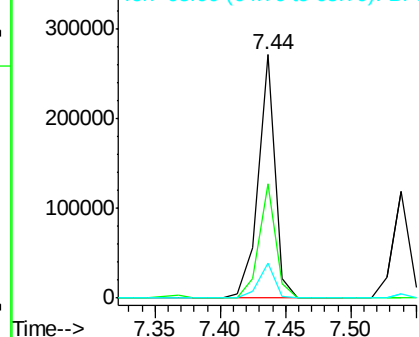


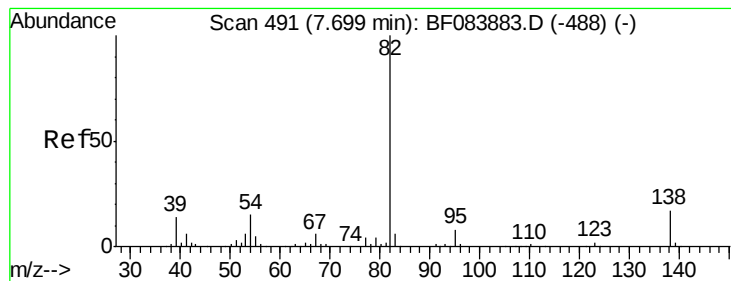
#24
 Nitrobenzene
 Concen: 47.31 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	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: 47.12 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

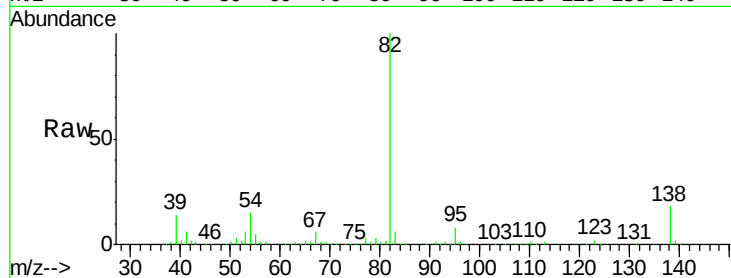
Tgt Ion: 82 Resp: 444864

Ion Ratio Lower Upper

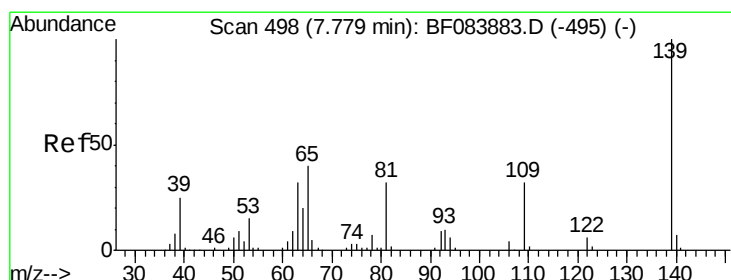
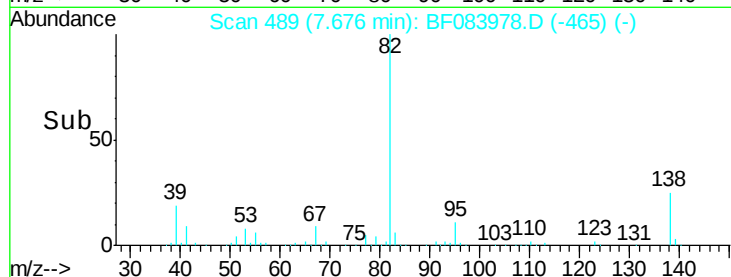
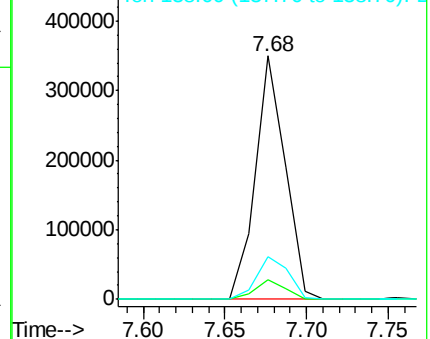
82 100

95 7.8 6.6 10.0

138 17.6 13.6 20.4



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



#26

2-Nitrophenol

Concen: 52.17 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

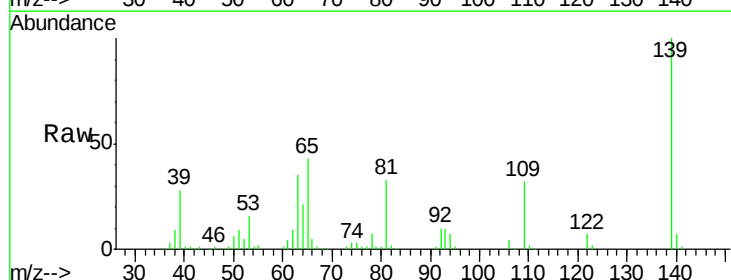
Tgt Ion: 139 Resp: 140151

Ion Ratio Lower Upper

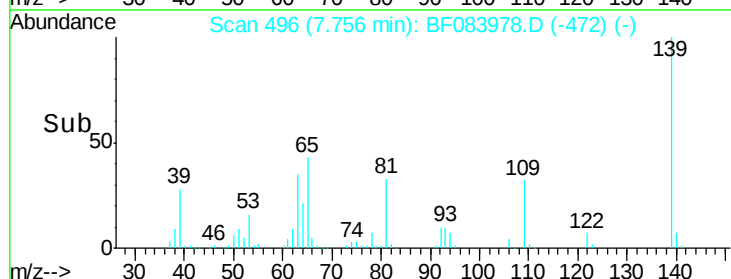
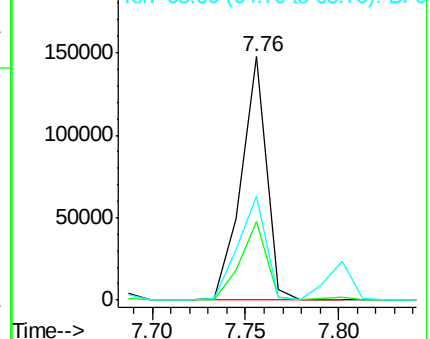
139 100

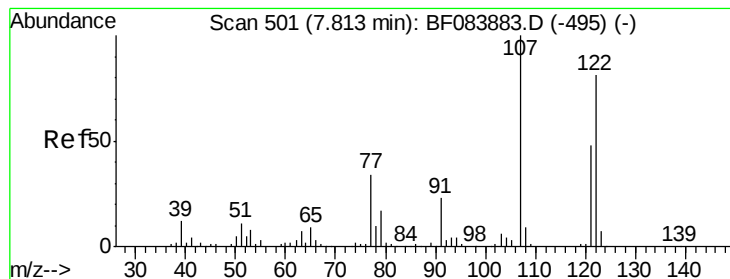
109 32.1 25.4 38.2

65 42.6 32.3 48.5



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





#27

2,4-Dimethylphenol

Concen: 53.89 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

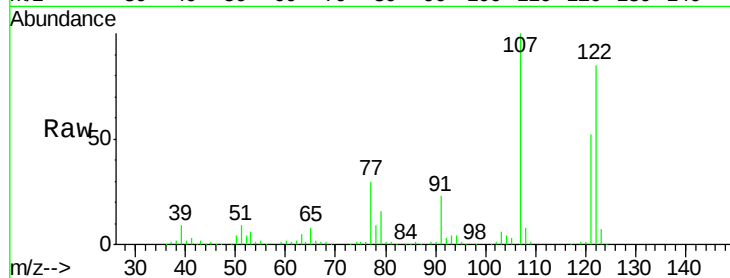
Tgt Ion:122 Resp: 249389

Ion Ratio Lower Upper

122 100

107 117.2 99.1 148.7

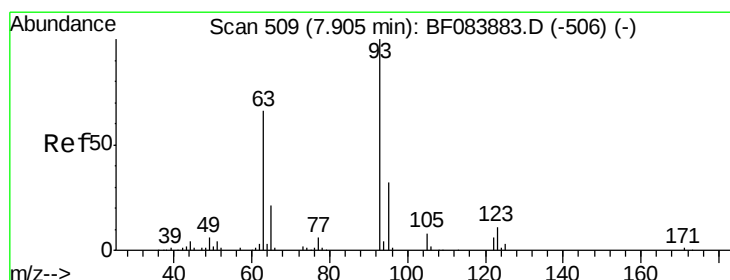
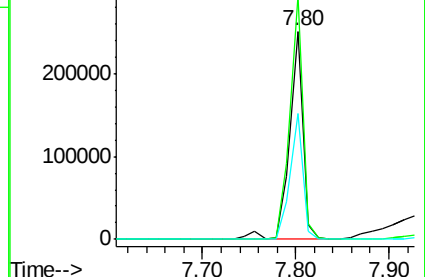
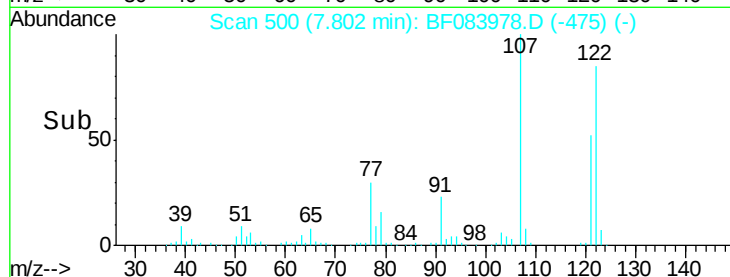
121 60.4 47.9 71.9



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: 48.34 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

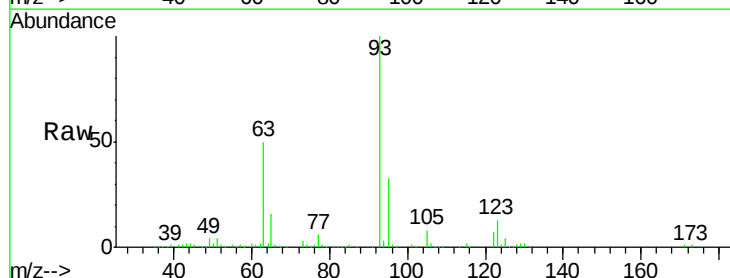
Tgt Ion: 93 Resp: 269964

Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.6

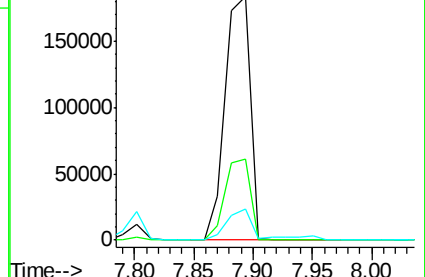
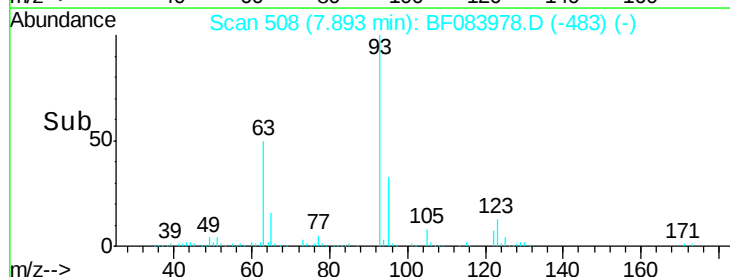
123 13.0 8.6 12.8#

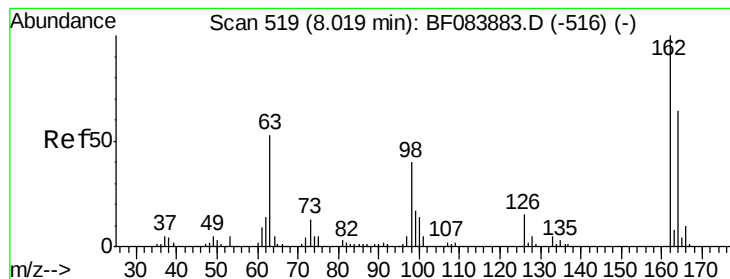


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 50.14 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

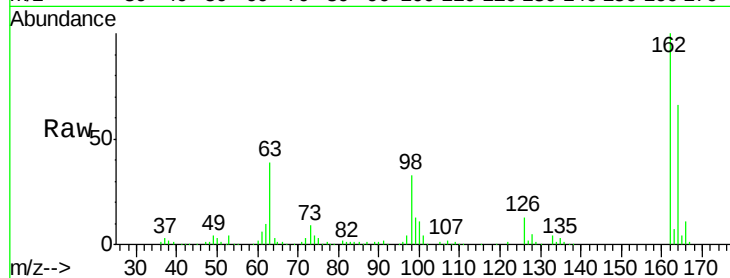
Tgt Ion:162 Resp: 210496

Ion Ratio Lower Upper

162 100

164 66.4 44.1 84.1

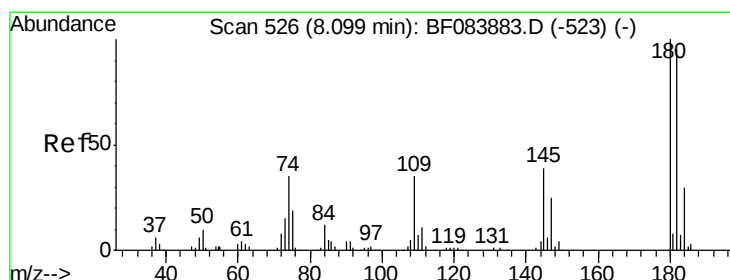
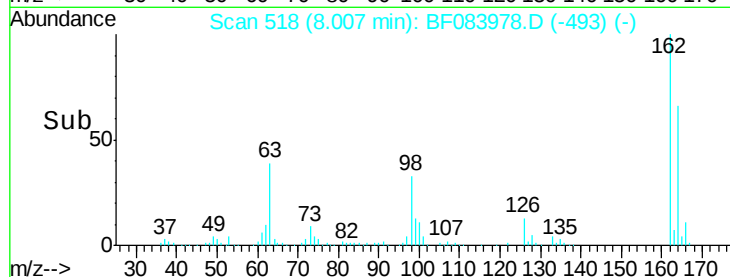
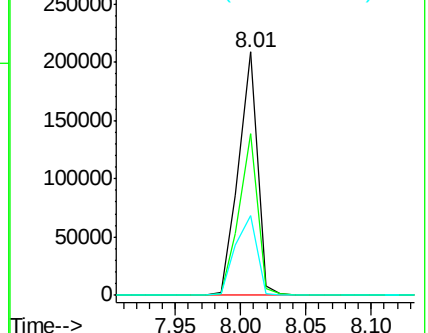
98 32.8 20.2 60.2



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: 45.28 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

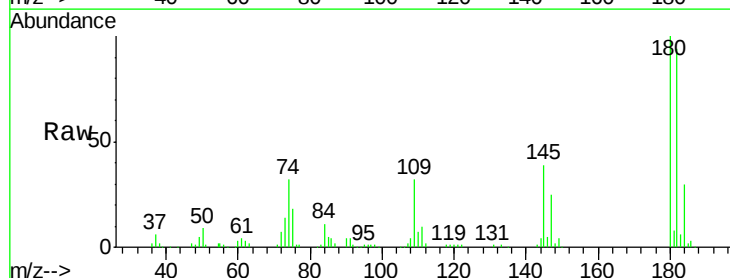
Tgt Ion:180 Resp: 204163

Ion Ratio Lower Upper

180 100

182 94.1 76.4 114.6

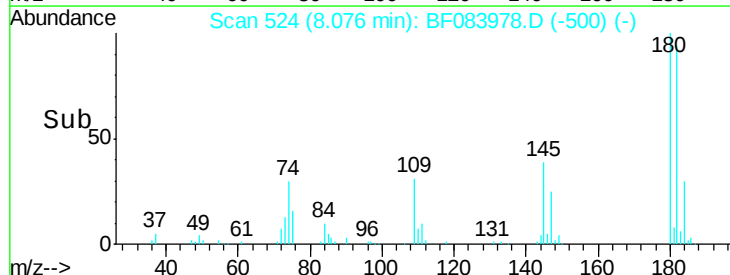
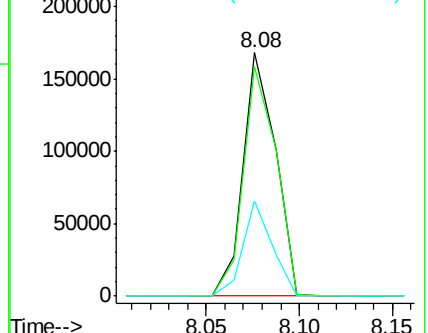
145 38.9 31.6 47.4

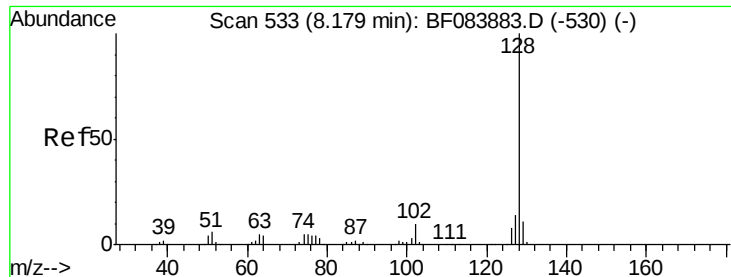


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

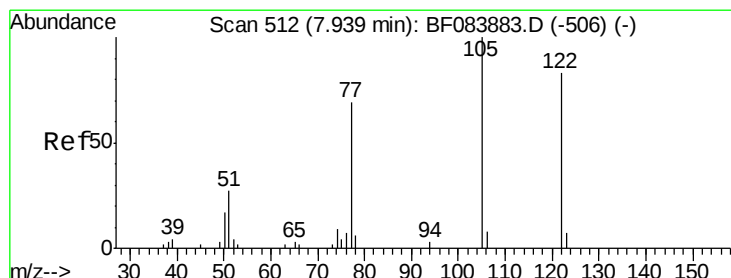
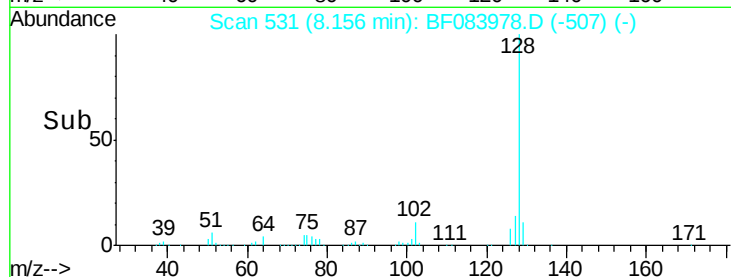
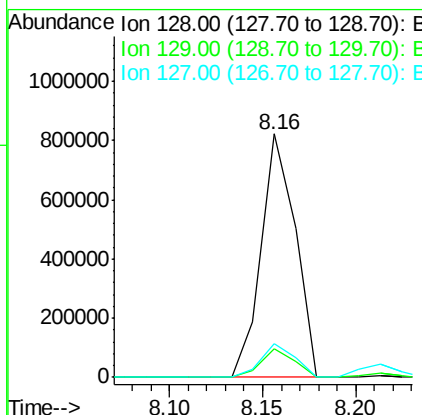
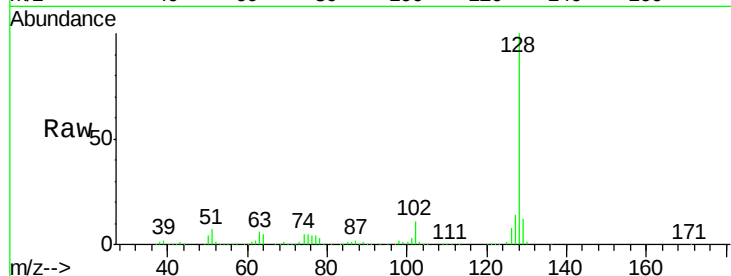




#31
Naphthalene
Concen: 73.59 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

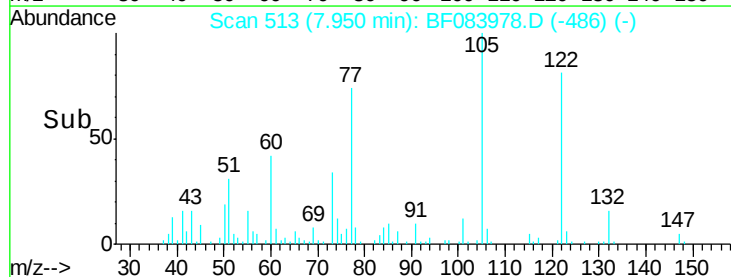
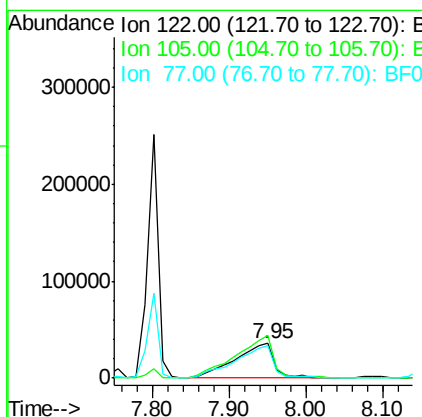
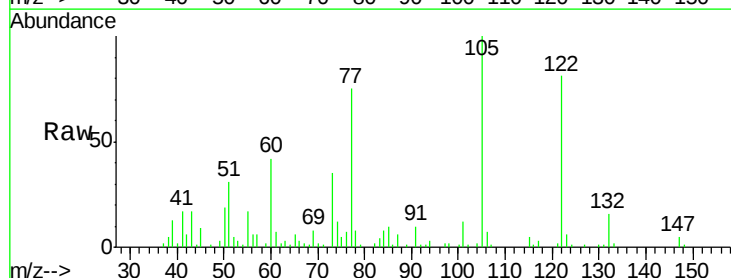
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

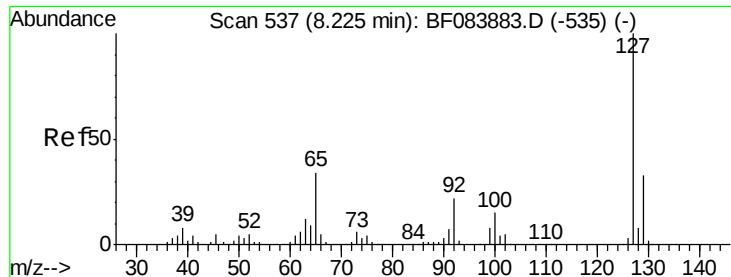
Tgt Ion:128 Resp: 1041676
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 64.82 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:122 Resp: 125405
Ion Ratio Lower Upper
122 100
105 122.9 100.3 140.3
77 92.6 63.5 103.5

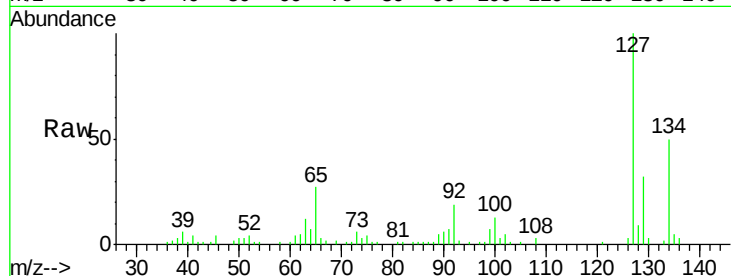




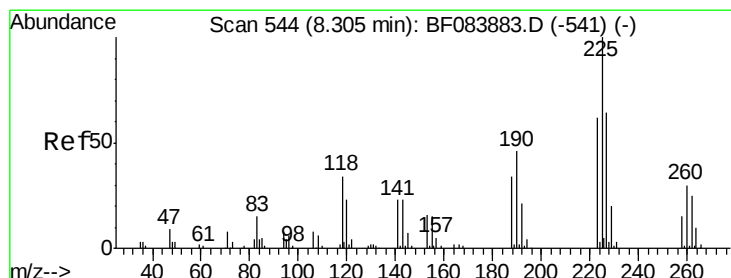
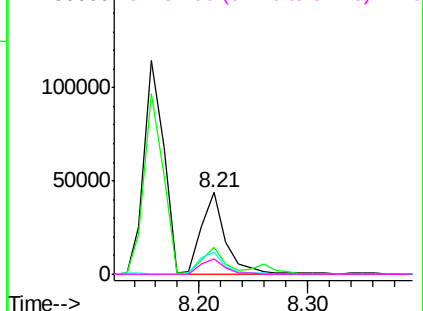
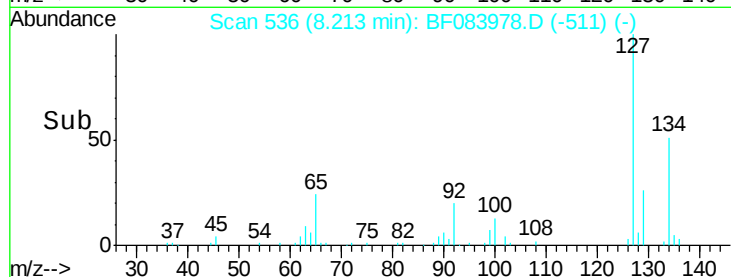
#33
4-Chloroaniline
Concen: 10.19 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

Tgt Ion:	127	Resp:	66256
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	26.7	27.2	40.8#
92	19.4	17.7	26.5

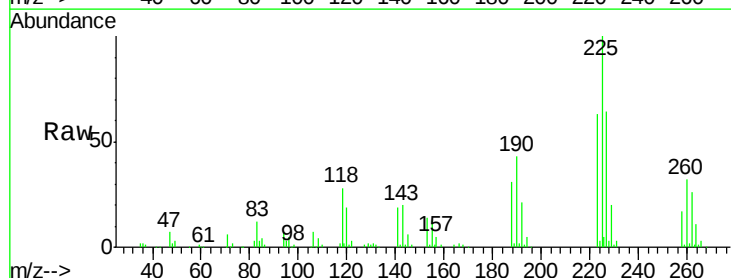


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

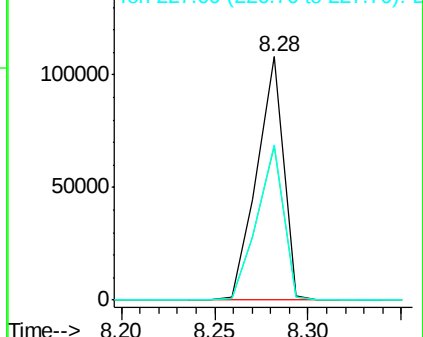
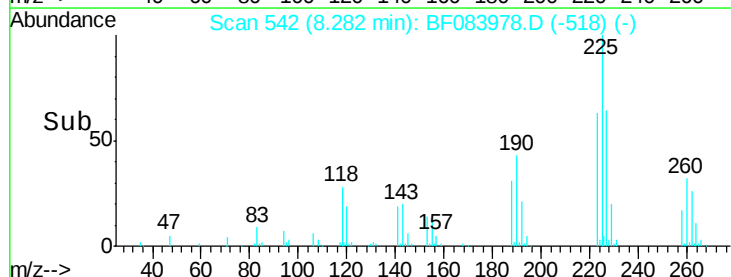


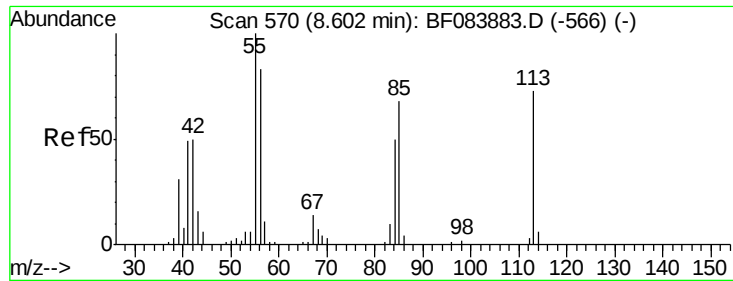
#34
Hexachlorobutadiene
Concen: 37.95 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:	225	Resp:	106858
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.0
227	63.8	50.8	76.2



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

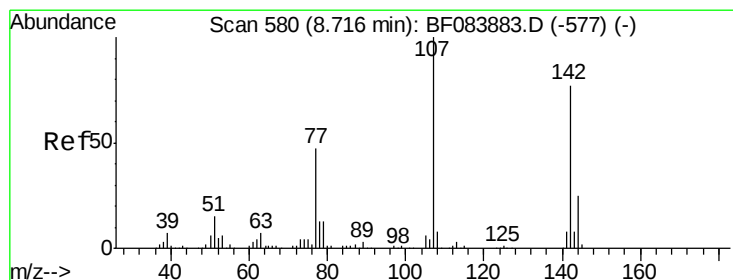
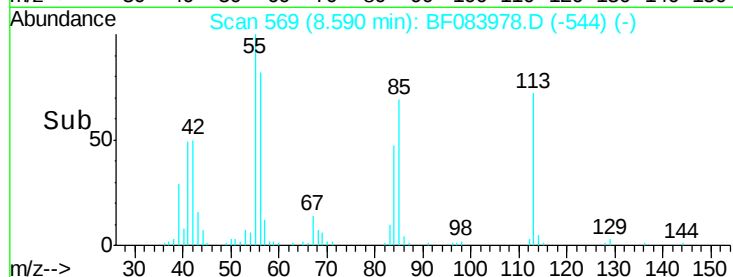
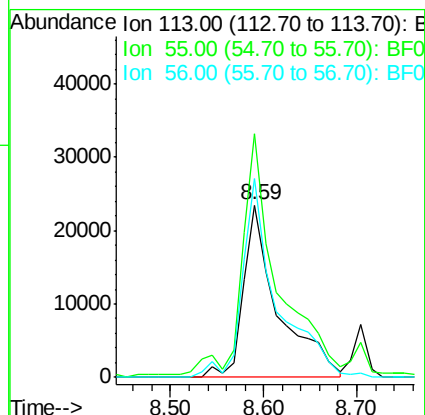
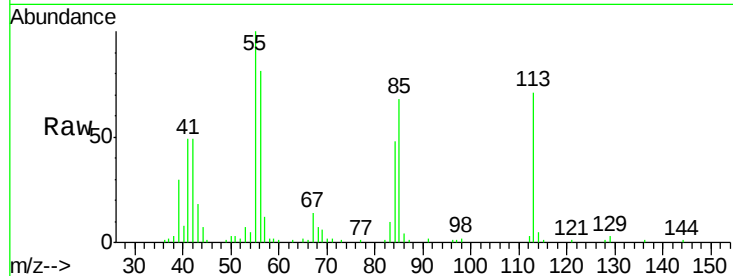




#35
 Caprolactam
 Concen: 44.16 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

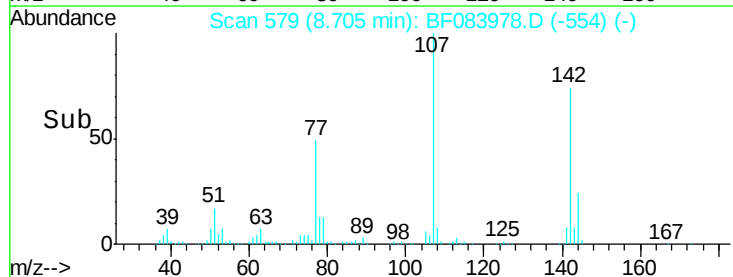
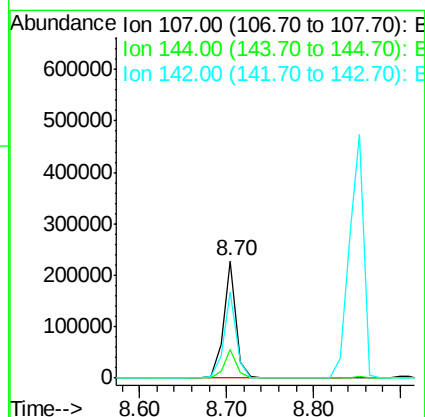
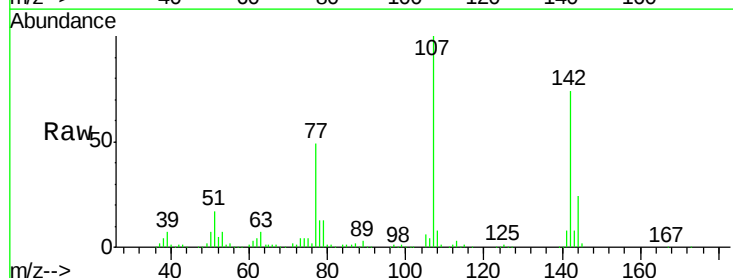
Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMS

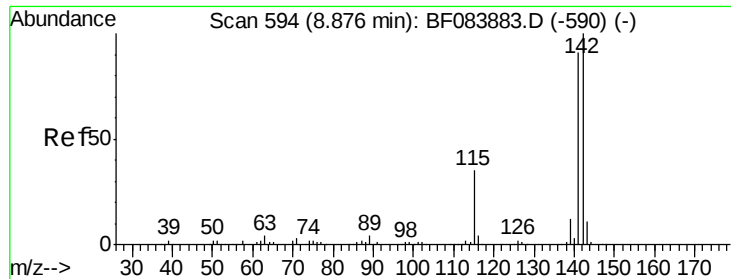
Tgt Ion:113 Resp: 61256
 Ion Ratio Lower Upper
 113 100
 55 141.5 116.9 156.9
 56 115.2 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 48.38 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Tgt Ion:107 Resp: 228612
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.7 29.5
 142 74.0 61.8 92.6

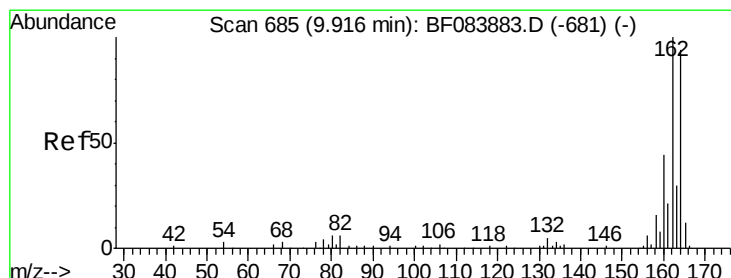
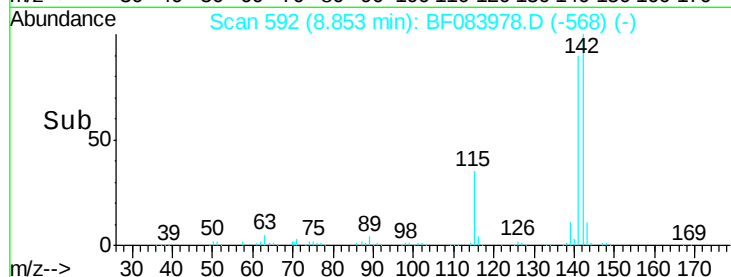
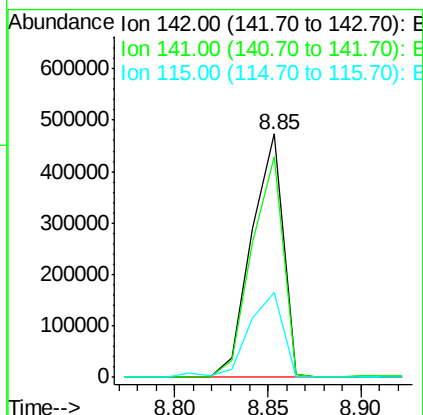
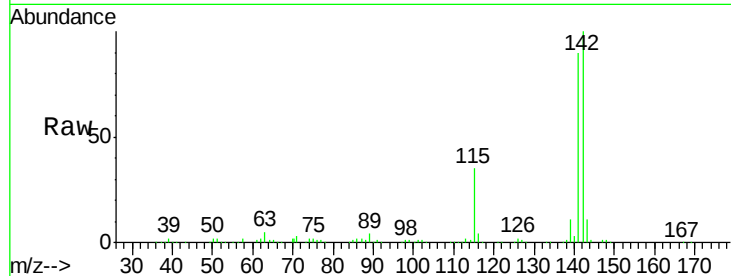




#37
2-Methylnaphthalene
Concen: 55.58 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

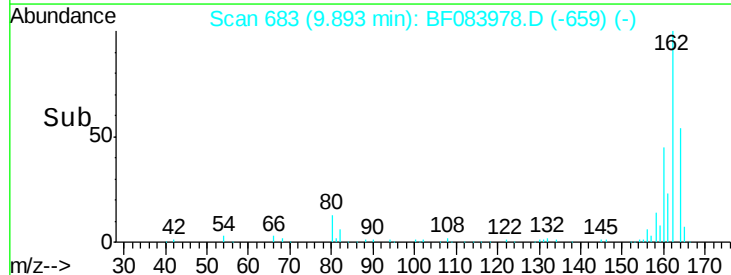
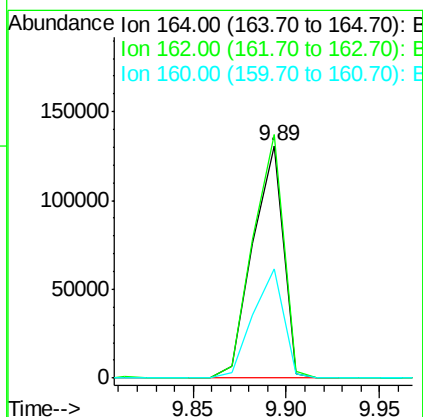
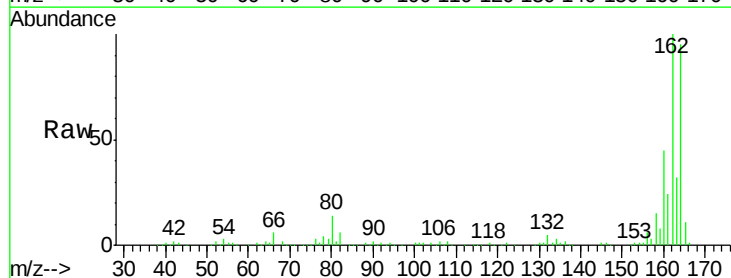
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

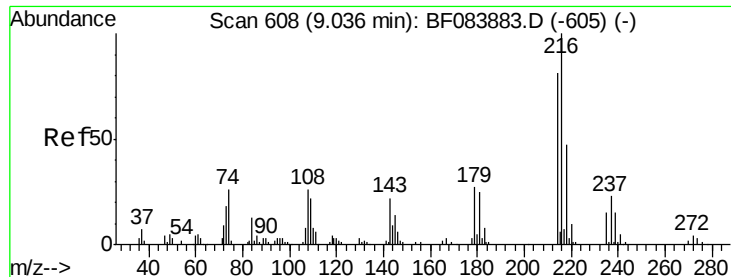
Tgt Ion:142 Resp: 553211
Ion Ratio Lower Upper
142 100
141 90.5 72.4 108.6
115 34.6 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:164 Resp: 147880
Ion Ratio Lower Upper
164 100
162 104.9 85.1 127.7
160 47.1 37.5 56.3

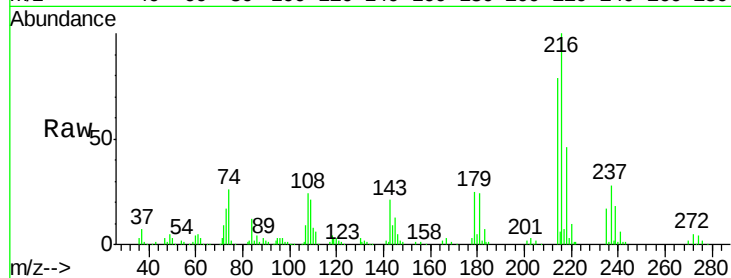




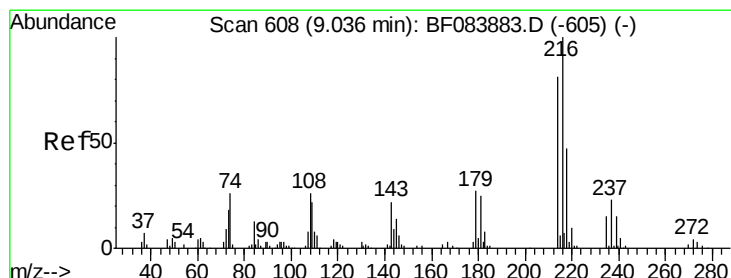
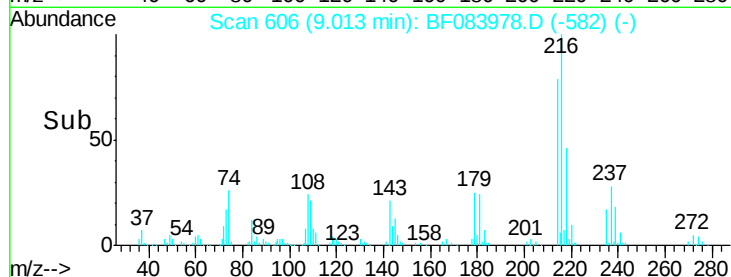
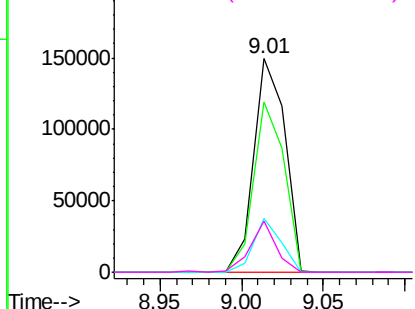
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.77 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMS

Tgt Ion:	216	Resp:	199441
Ion	Ratio	Lower	Upper
216	100		
214	77.5	64.2	96.2
179	22.1	18.7	28.1
108	20.0	16.8	25.2

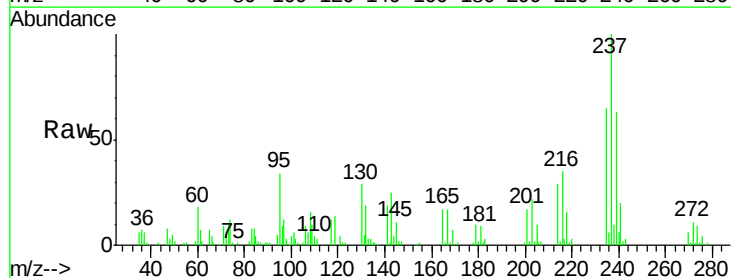


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

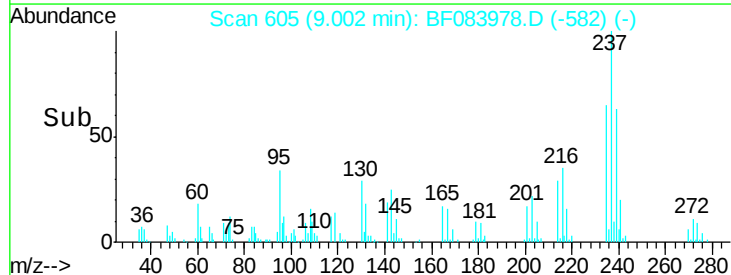
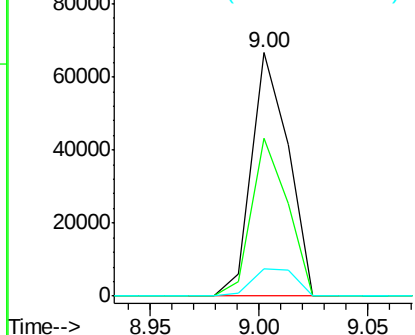


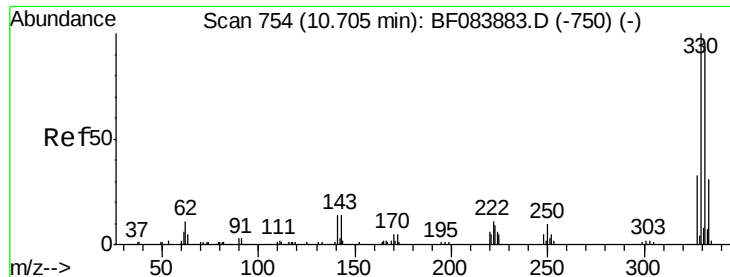
#40
 Hexachlorocyclopentadiene
 Concen: 57.11 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.03 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Tgt Ion:	237	Resp:	78418
Ion	Ratio	Lower	Upper
237	100		
235	64.9	43.1	83.1
272	11.5	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

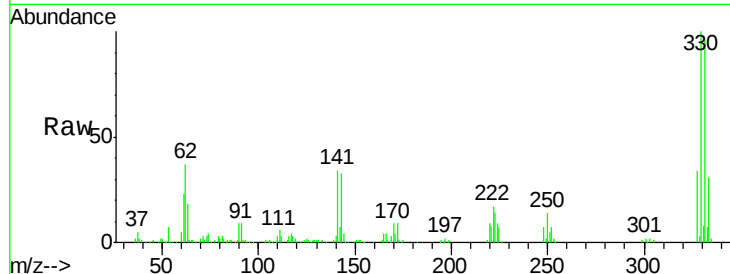




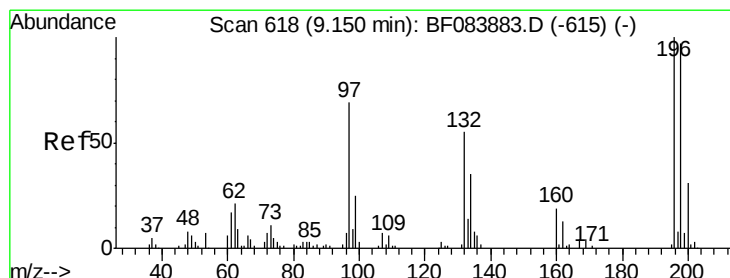
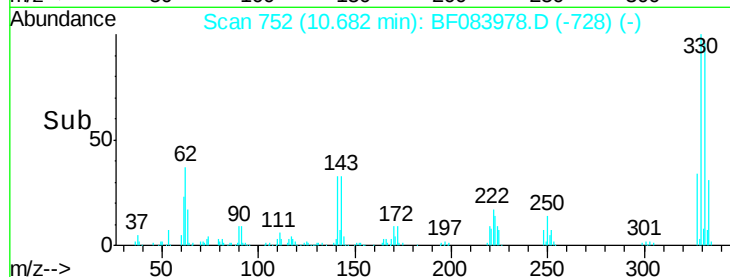
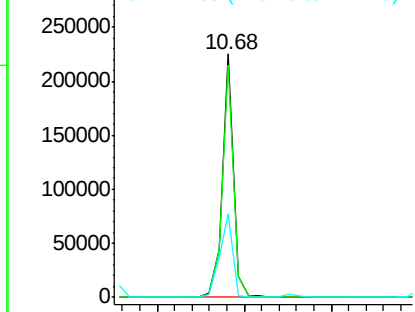
#41
 2,4,6-Tribromophenol
 Concen: 125.26 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMS

Tgt Ion:330 Resp: 204059
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 40.3 27.8 41.6

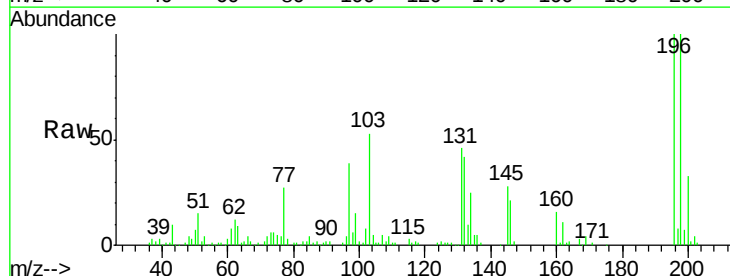


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

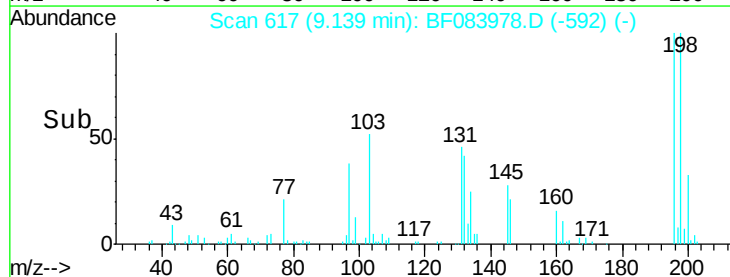
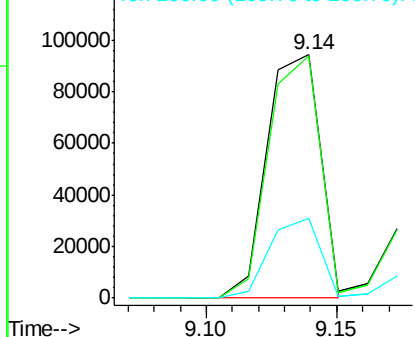


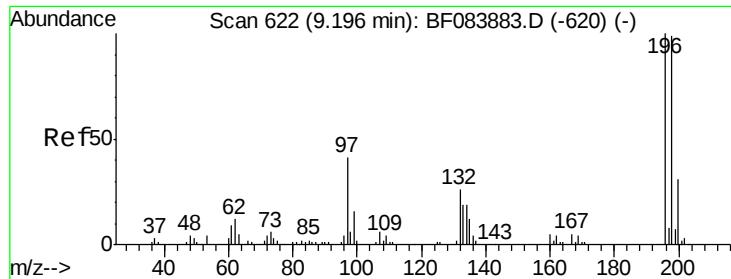
#42
 2,4,6-Trichlorophenol
 Concen: 43.20 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Tgt Ion:196 Resp: 133010
 Ion Ratio Lower Upper
 196 100
 198 99.6 77.7 116.5
 200 32.6 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

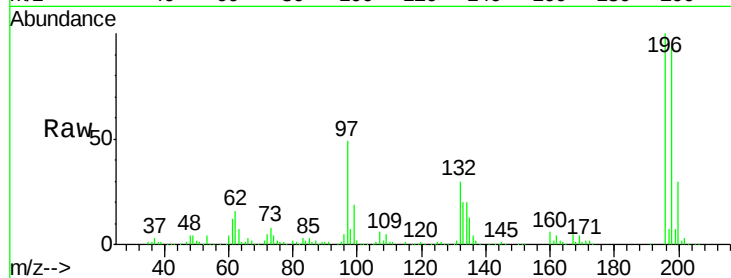




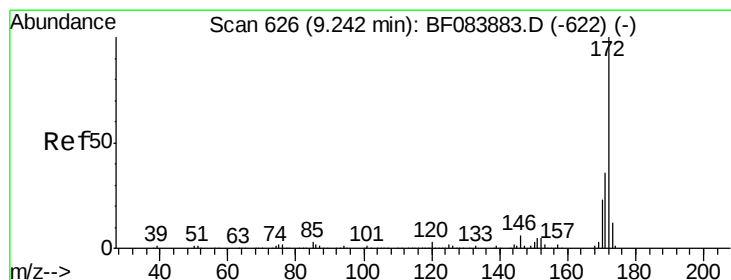
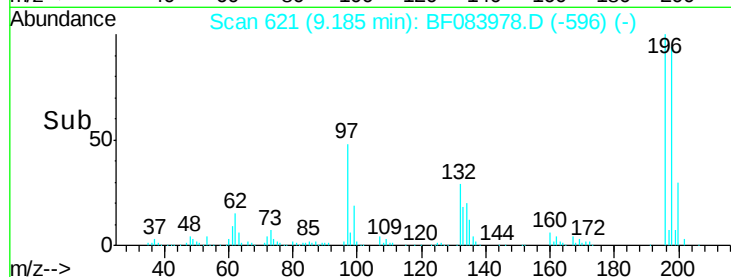
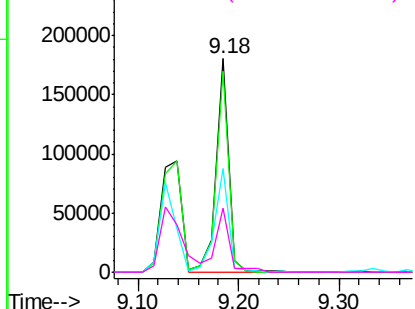
#43
 2,4,5-Trichlorophenol
 Concen: 51.21 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMS

Tgt Ion:196 Resp: 156022
 Ion Ratio Lower Upper
 196 100
 198 94.2 79.0 118.6
 97 48.8 33.0 49.6
 132 29.9 21.1 31.7

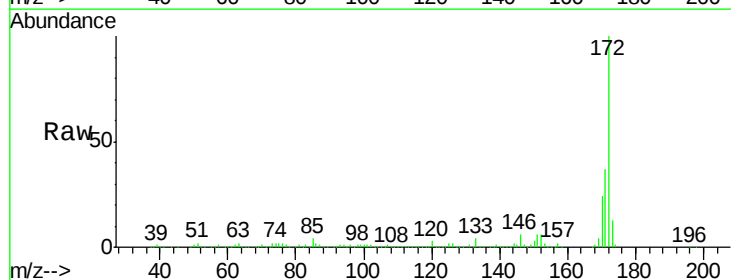


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

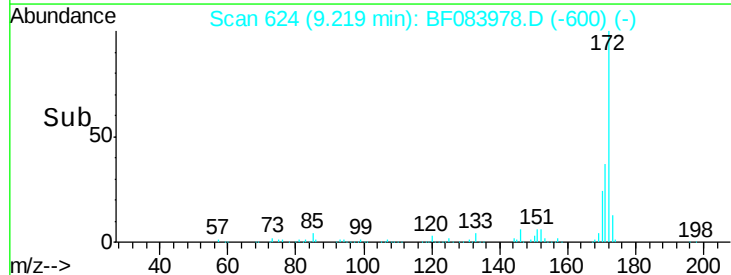
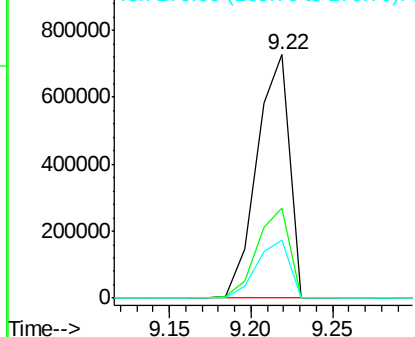


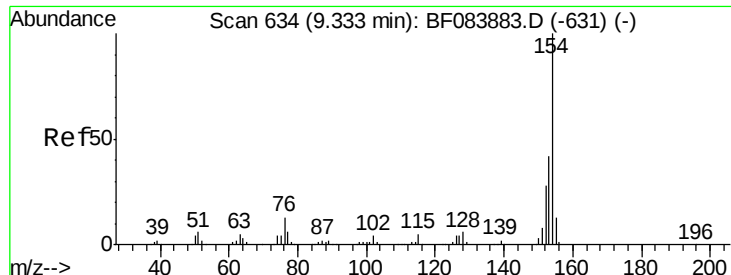
#44
 2-Fluorobiphenyl
 Concen: 97.43 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Tgt Ion:172 Resp: 1002573
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.1 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: 44.20 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

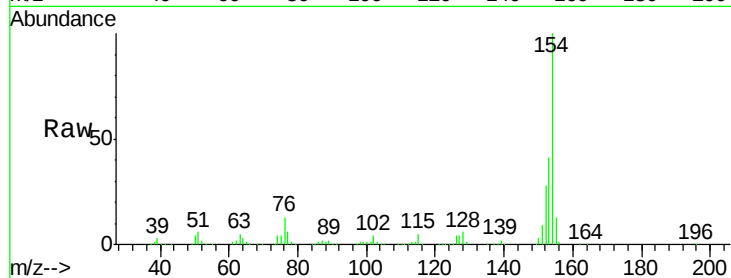
Tgt Ion:154 Resp: 548963

Ion Ratio Lower Upper

154 100

153 41.4 21.6 61.6

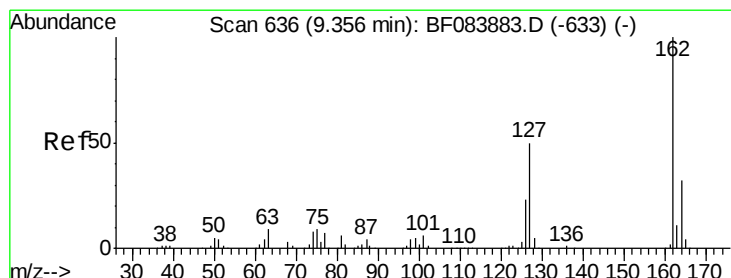
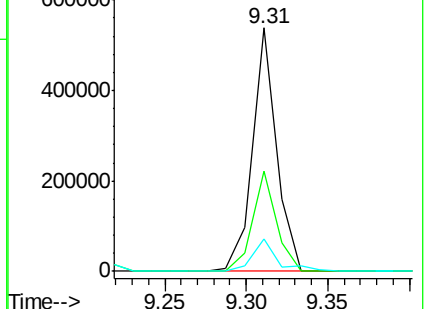
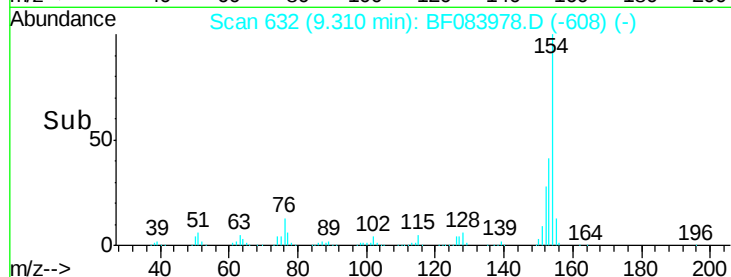
76 13.1 0.0 32.7



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: 44.67 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

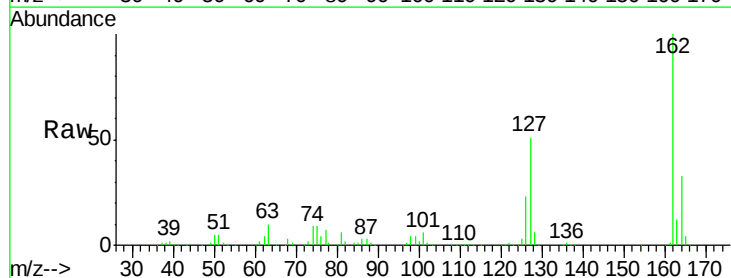
Tgt Ion:162 Resp: 434153

Ion Ratio Lower Upper

162 100

127 50.6 40.2 60.4

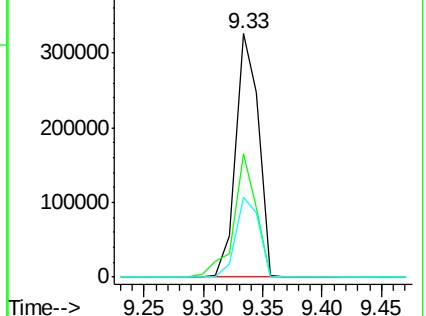
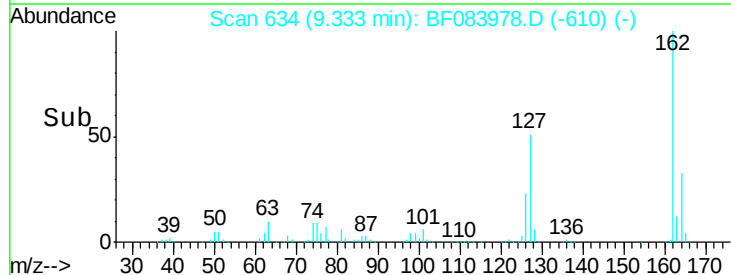
164 32.5 25.7 38.5

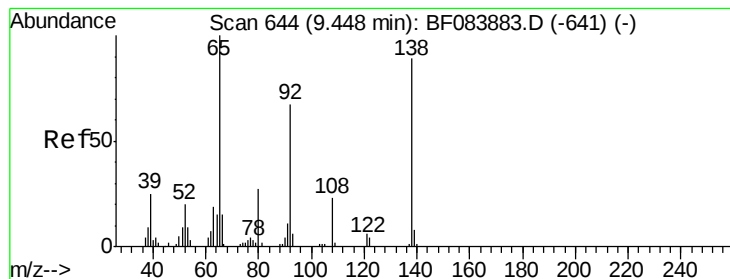


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.80 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.01 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

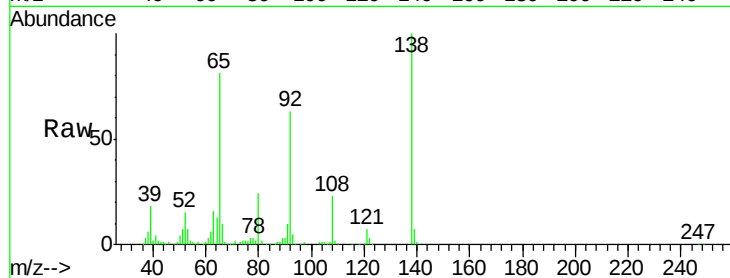
Tgt Ion: 65 Resp: 136866

Ion Ratio Lower Upper

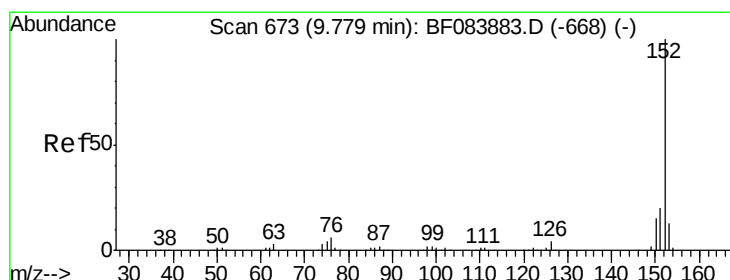
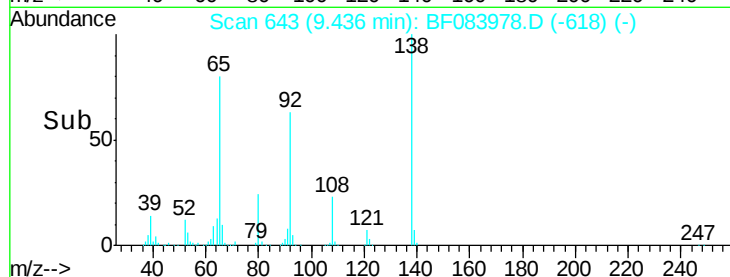
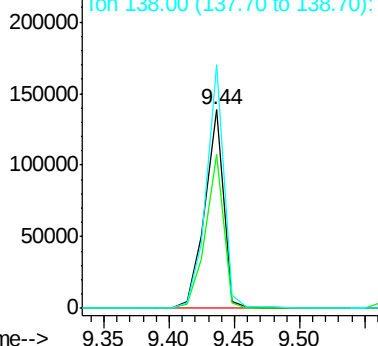
65 100

92 77.6 53.4 80.2

138 122.8 71.1 106.7#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 45.43 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

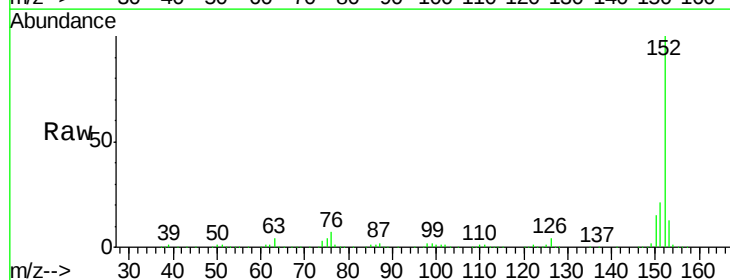
Tgt Ion: 152 Resp: 783278

Ion Ratio Lower Upper

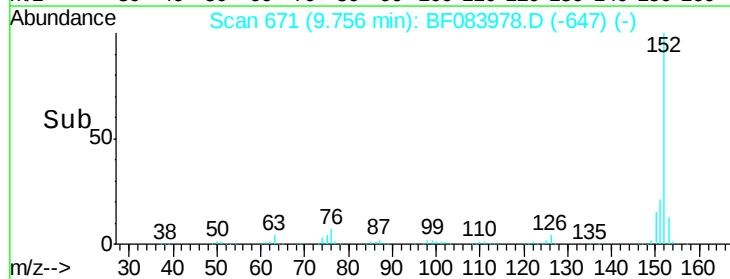
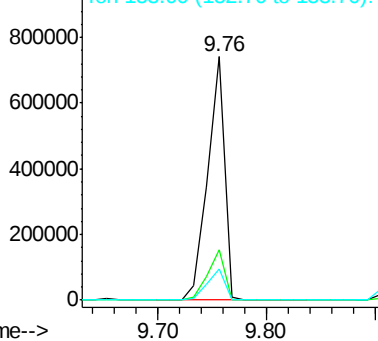
152 100

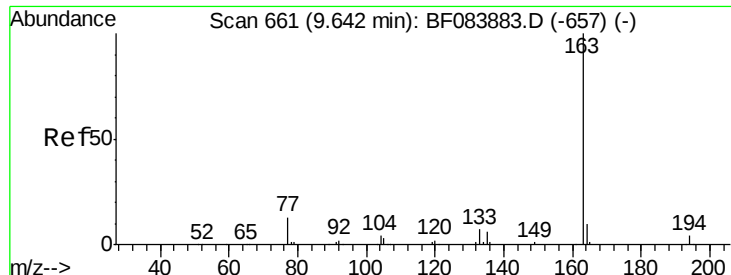
151 20.7 16.3 24.5

153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

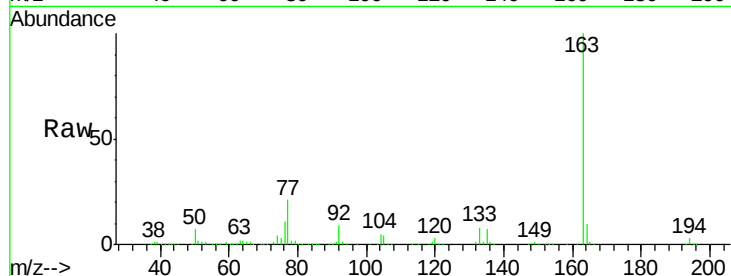




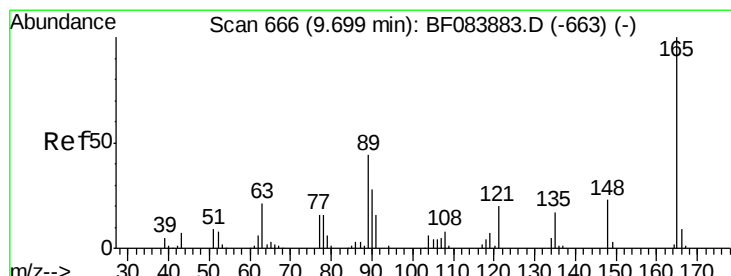
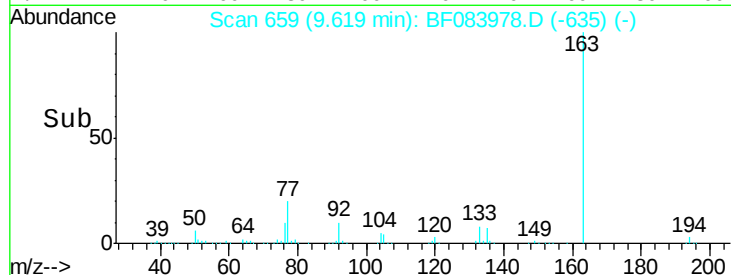
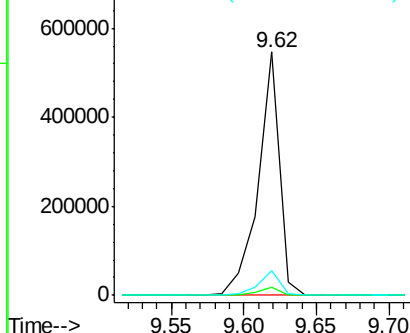
#49
Dimethylphthalate
Concen: 44.82 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

Tgt Ion:163 Resp: 556129
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.4 8.0 12.0

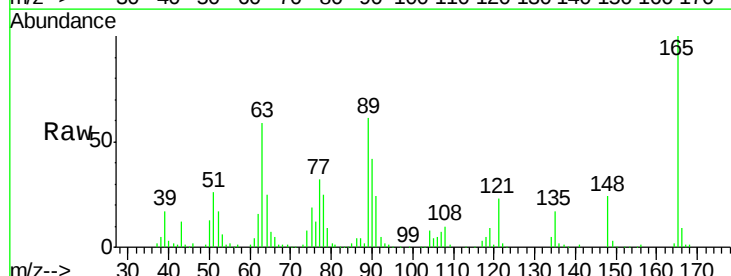


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

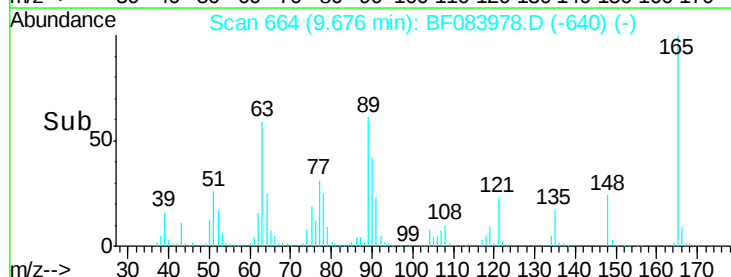
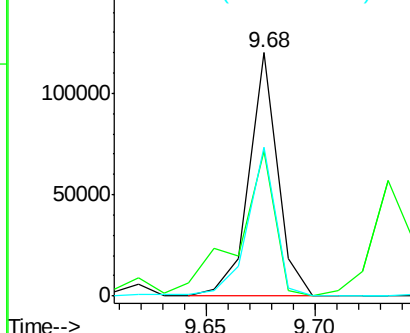


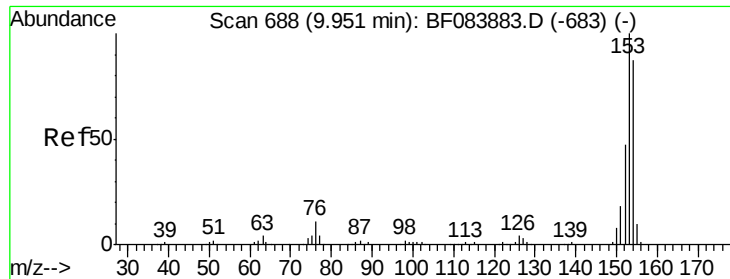
#50
2,6-Dinitrotoluene
Concen: 40.57 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:165 Resp: 109826
Ion Ratio Lower Upper
165 100
63 59.5 28.8 43.2#
89 61.2 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: 43.52 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

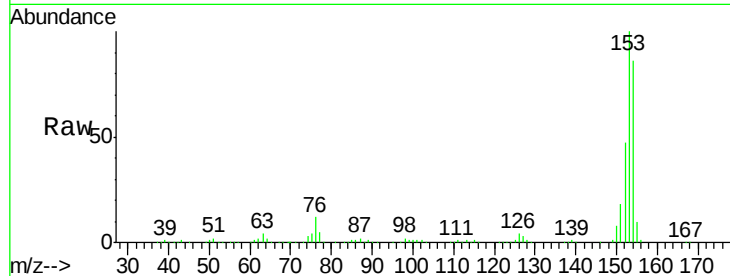
Tgt Ion:154 Resp: 461319

Ion Ratio Lower Upper

154 100

153 116.0 91.5 137.3

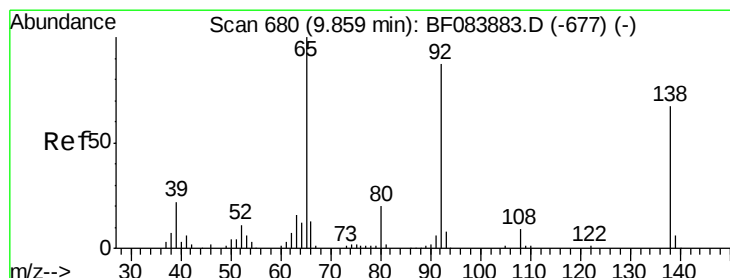
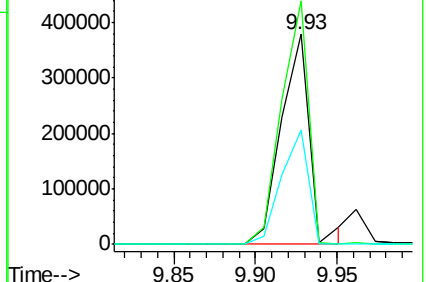
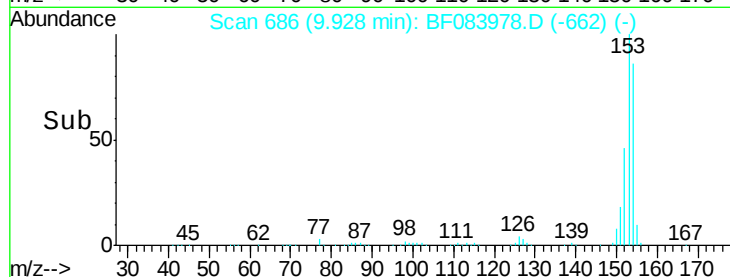
152 54.6 43.0 64.6



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: 21.21 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

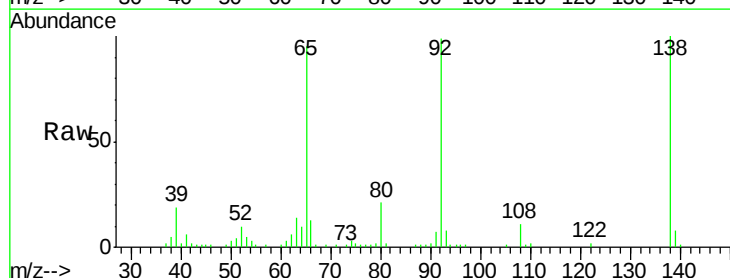
Tgt Ion:138 Resp: 60527

Ion Ratio Lower Upper

138 100

108 10.5 10.5 15.7

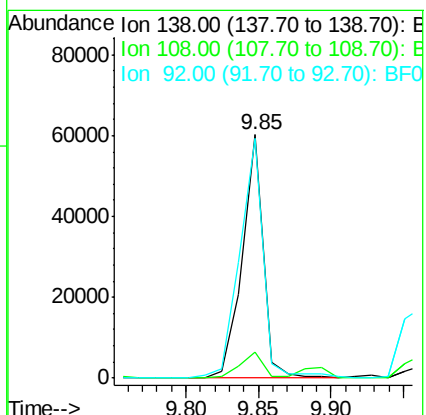
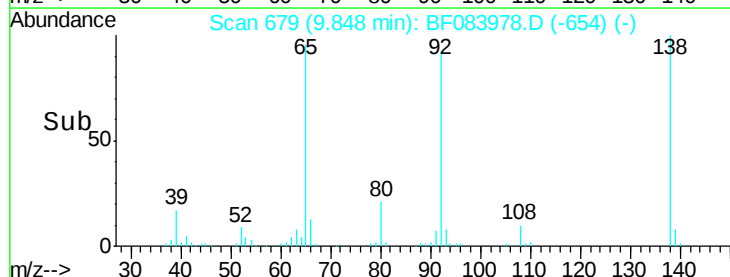
92 98.6 103.9 155.9#

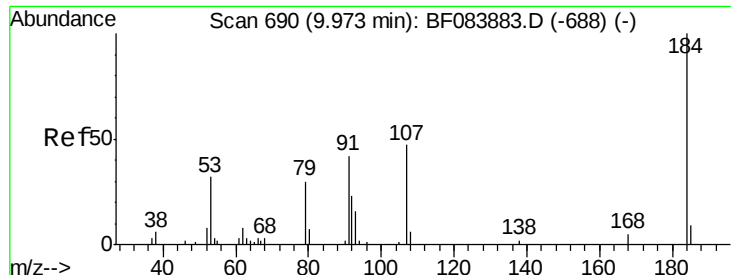


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

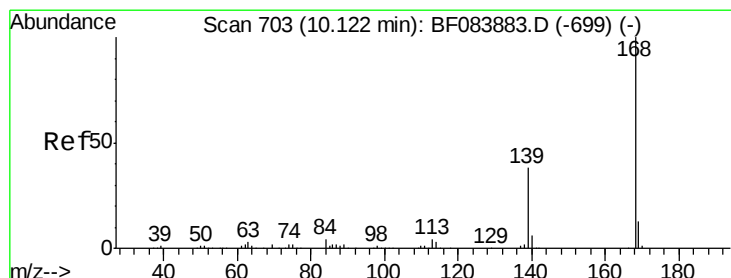
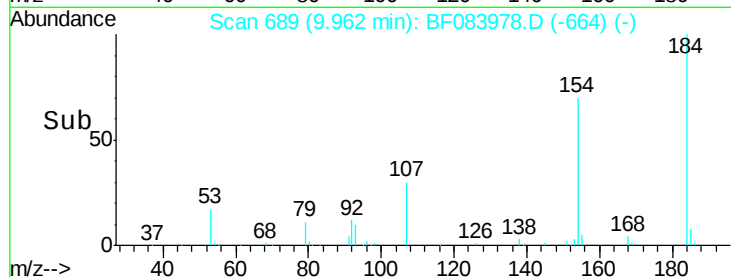
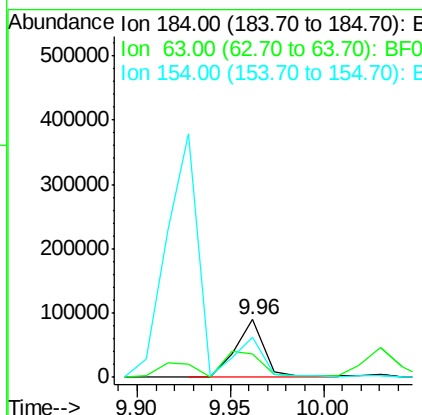
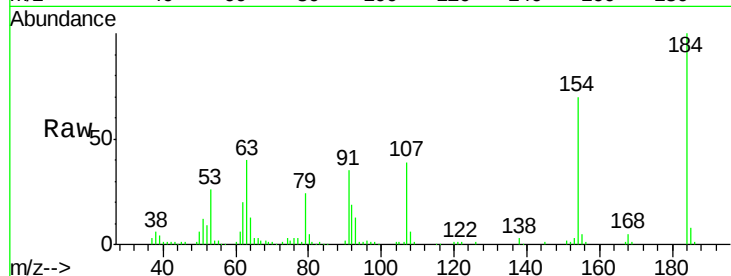




#53
 2,4-Dinitrophenol
 Concen: 97.02 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

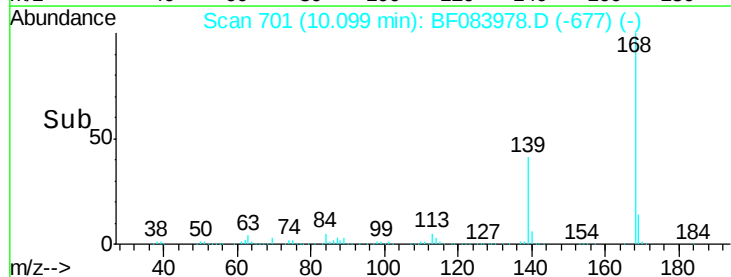
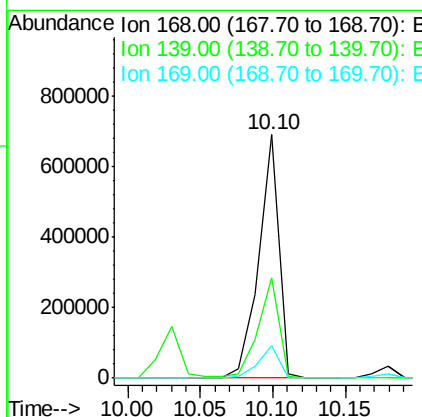
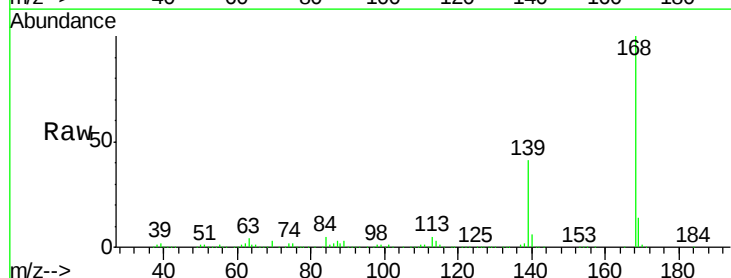
Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMS

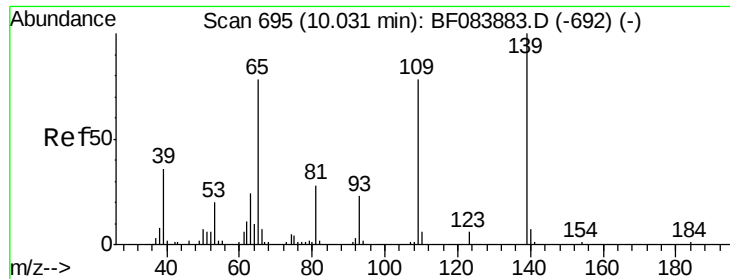
Tgt Ion:184 Resp: 96735
 Ion Ratio Lower Upper
 184 100
 63 39.9 43.1 64.7#
 154 70.0 60.5 90.7



#54
 Dibenzofuran
 Concen: 48.21 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.02 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Tgt Ion:168 Resp: 663743
 Ion Ratio Lower Upper
 168 100
 139 41.2 30.5 45.7
 169 13.6 10.4 15.6

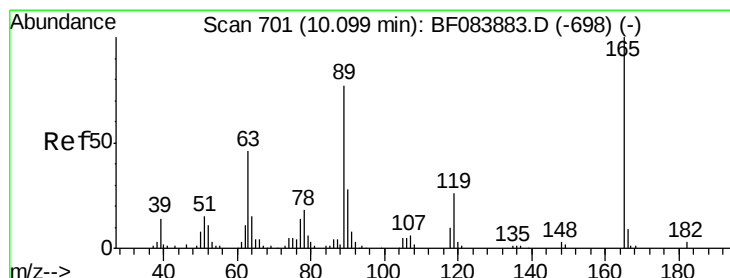
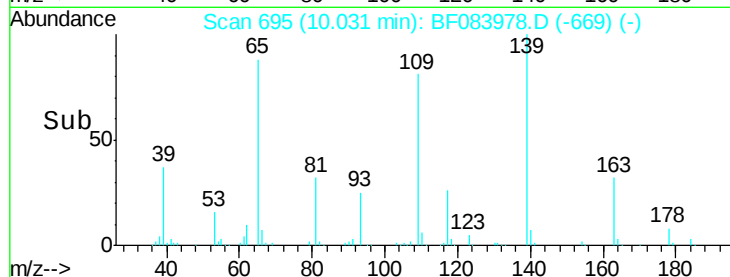
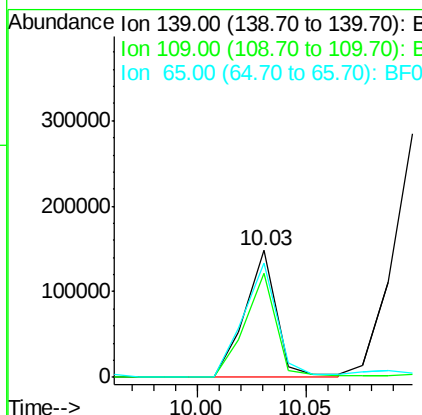
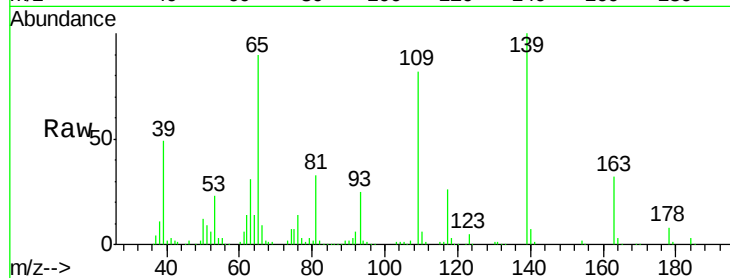




#55
4-Nitrophenol
Concen: 84.76 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

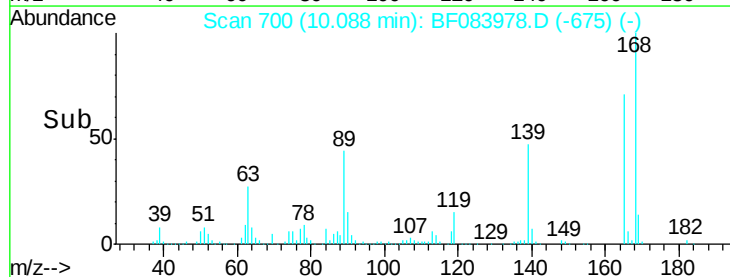
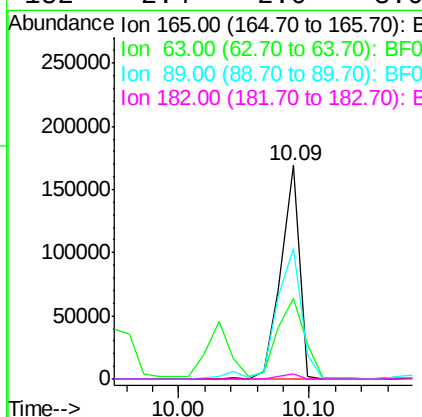
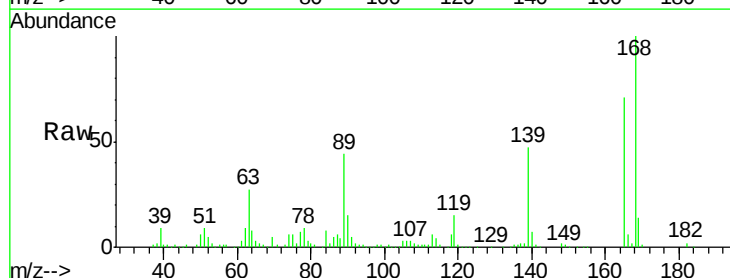
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

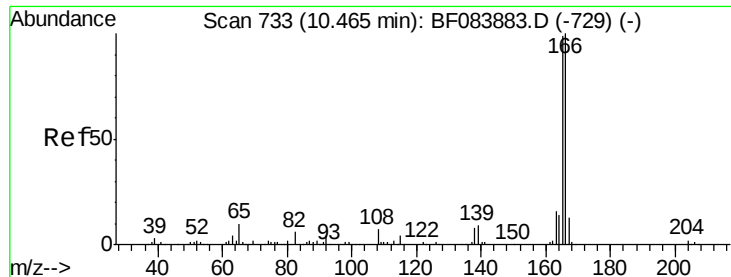
Tgt Ion:139 Resp: 150979
Ion Ratio Lower Upper
139 100
109 81.7 58.5 98.5
65 90.4 57.6 97.6



#56
2,4-Dinitrotoluene
Concen: 49.27 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:165 Resp: 170960
Ion Ratio Lower Upper
165 100
63 37.7 36.7 55.1
89 61.1 61.9 92.9#
182 2.4 2.0 3.0

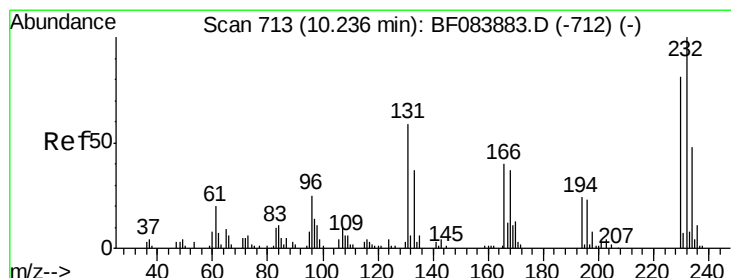
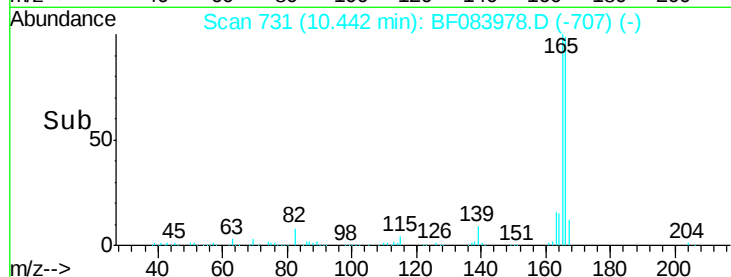
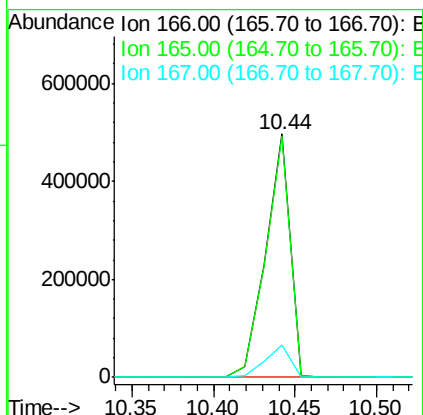
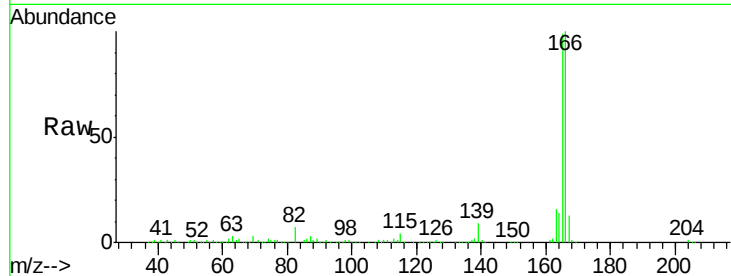




#57
 Fluorene
 Concen: 49.73 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

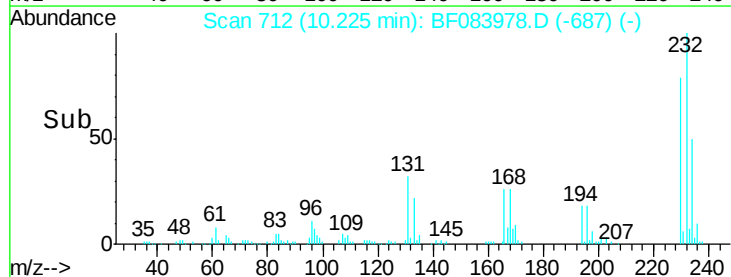
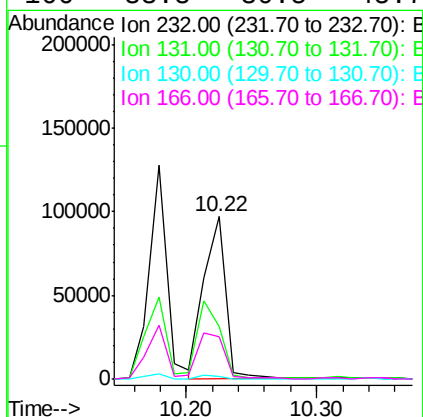
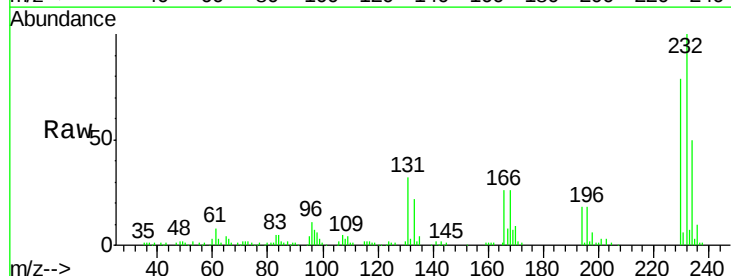
Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMS

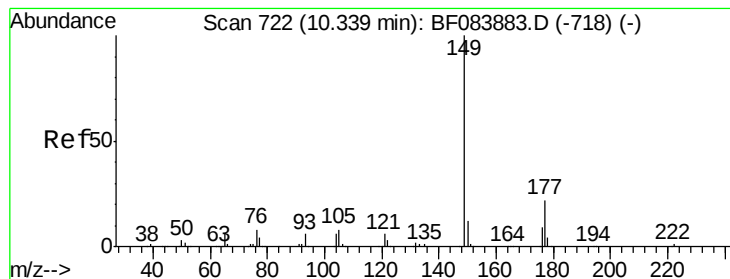
Tgt Ion:166 Resp: 517424
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.1 118.7
 167 13.1 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.27 ng
 RT: 10.22 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Tgt Ion:232 Resp: 113317
 Ion Ratio Lower Upper
 232 100
 131 52.3 47.0 70.6
 130 2.7 2.0 3.0
 166 33.8 30.5 45.7





#59

Diethylphthalate

Concen: 43.29 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

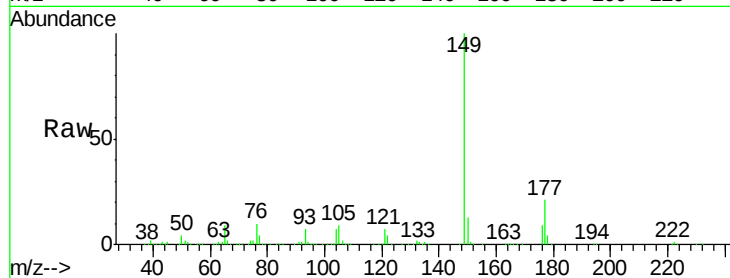
Tgt Ion:149 Resp: 555348

Ion Ratio Lower Upper

149 100

177 21.0 17.3 25.9

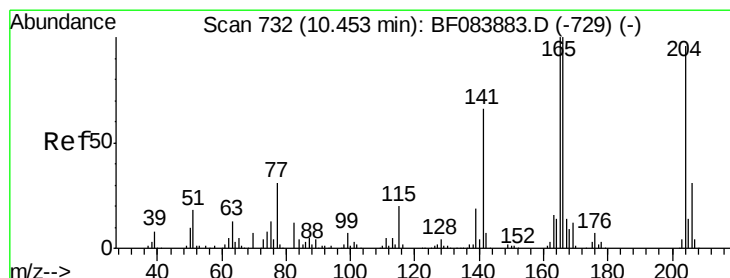
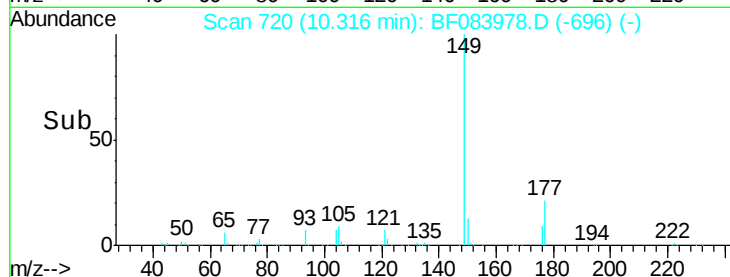
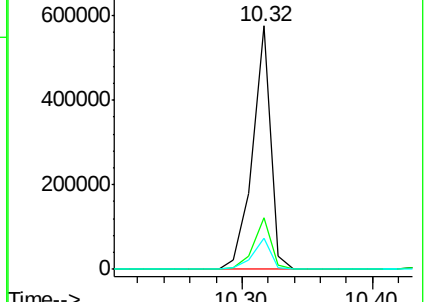
150 13.0 9.8 14.8



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: 44.70 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

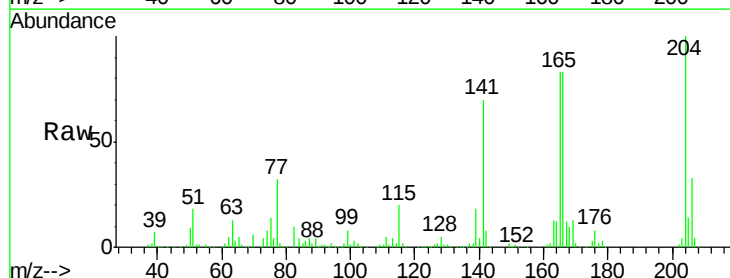
Tgt Ion:204 Resp: 235860

Ion Ratio Lower Upper

204 100

206 33.1 25.7 38.5

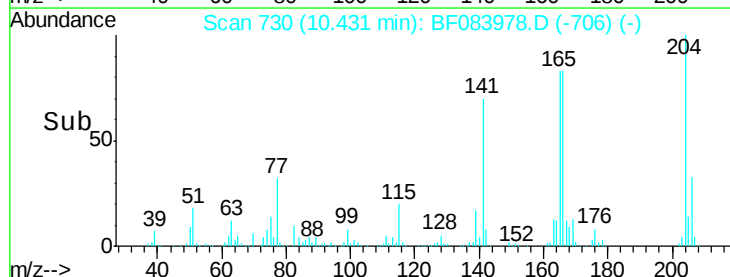
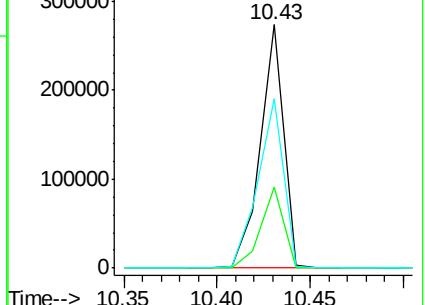
141 69.5 55.1 82.7

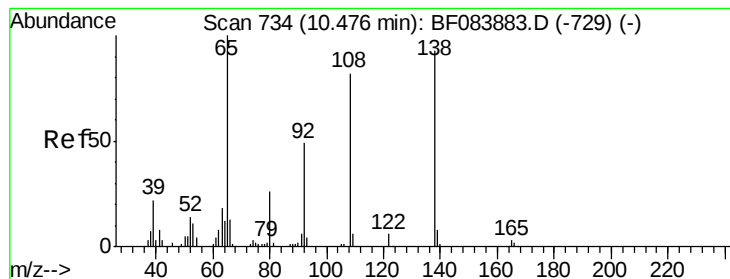


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.67 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

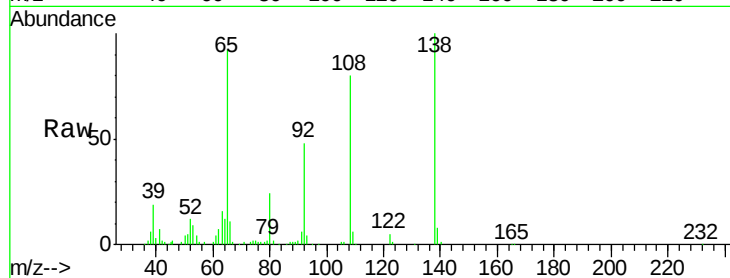
Tgt Ion:138 Resp: 117119

Ion Ratio Lower Upper

138 100

92 48.0 32.6 72.6

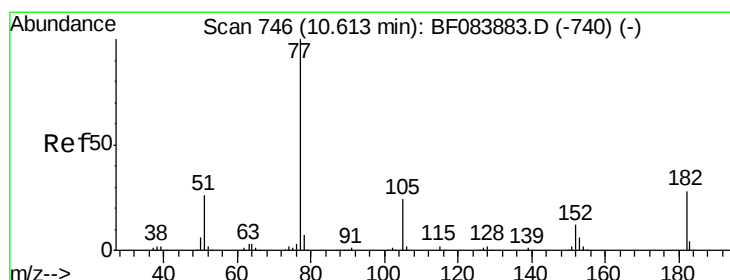
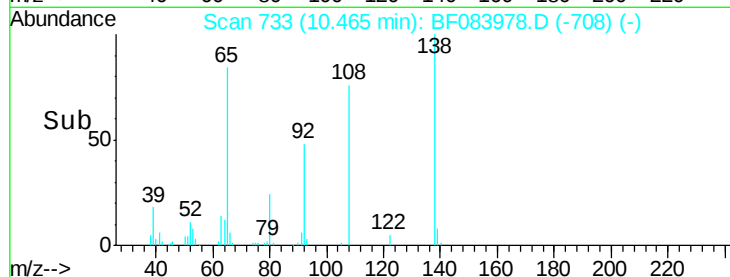
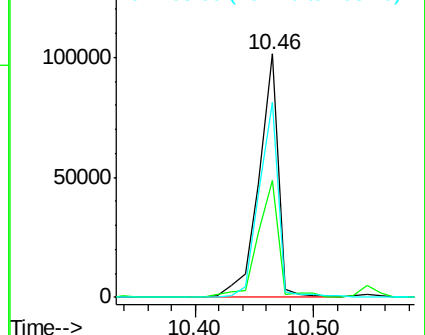
108 80.1 68.6 108.6



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: 49.88 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Tgt Ion: 77 Resp: 536366

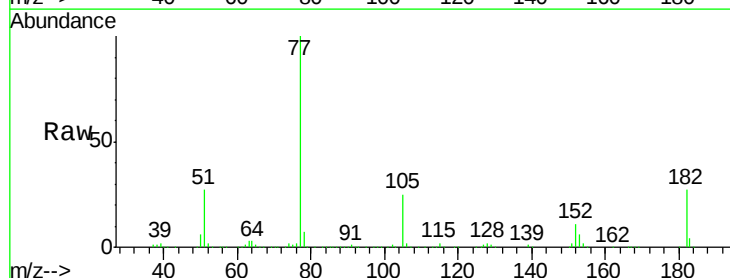
Ion Ratio Lower Upper

77 100

182 27.2 8.3 48.3

105 24.7 4.6 44.6

51 26.6 6.2 46.2

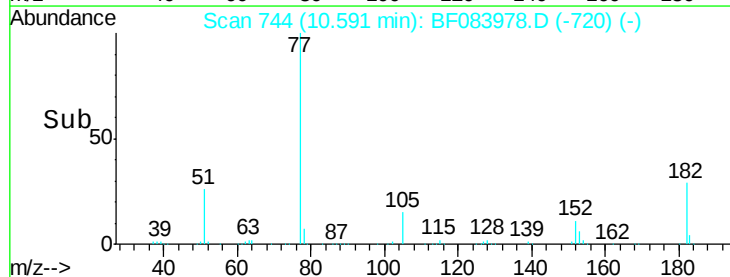
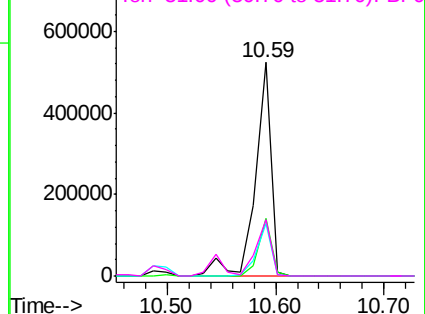


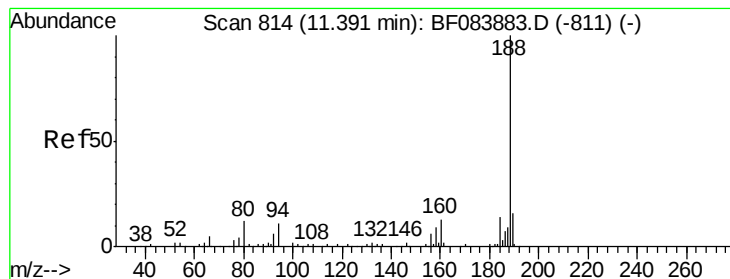
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.37 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

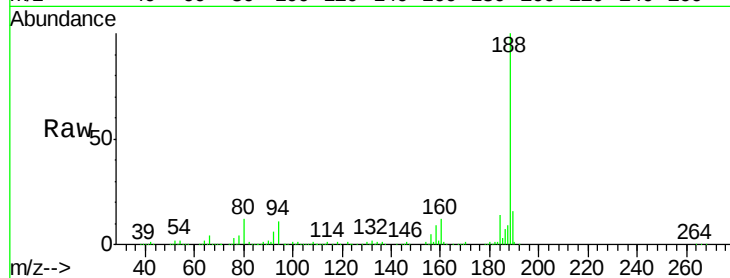
Tgt Ion:188 Resp: 254541

Ion Ratio Lower Upper

188 100

94 10.7 9.0 13.4

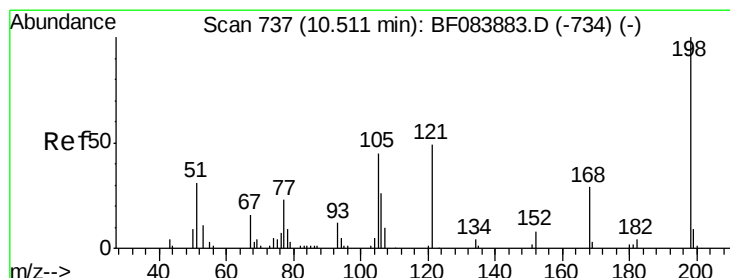
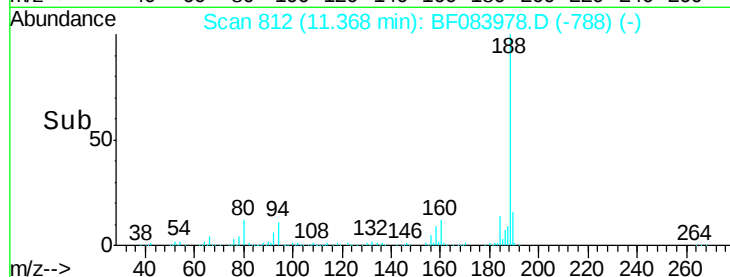
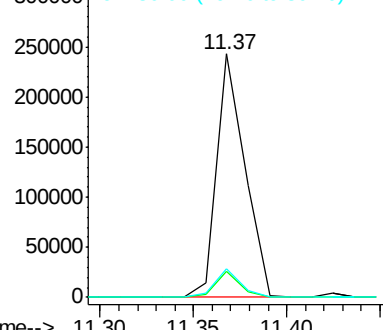
80 11.5 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.44 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

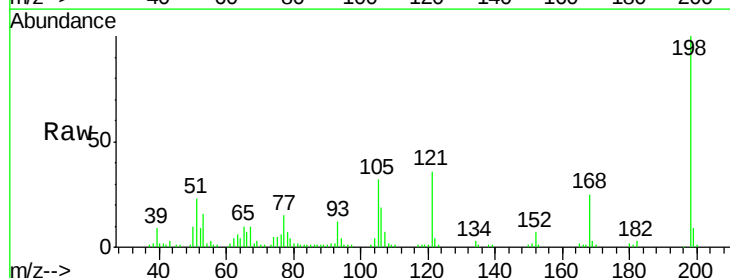
Tgt Ion:198 Resp: 74123

Ion Ratio Lower Upper

198 100

51 22.7 18.9 58.9

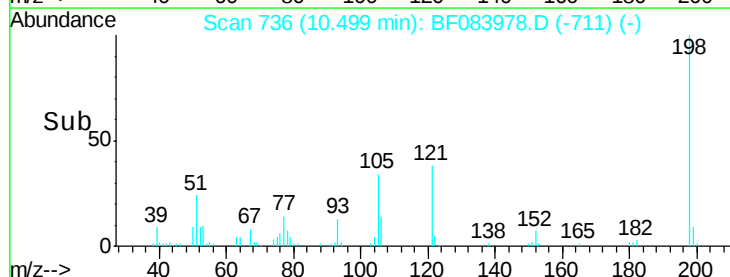
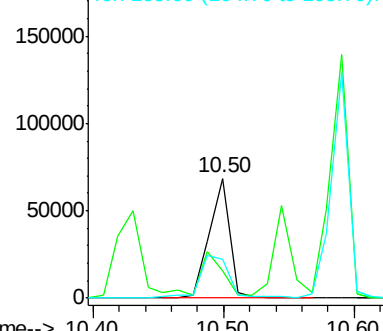
105 32.4 26.4 66.4

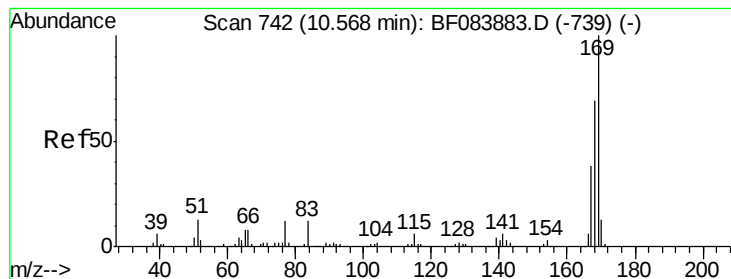


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.35 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

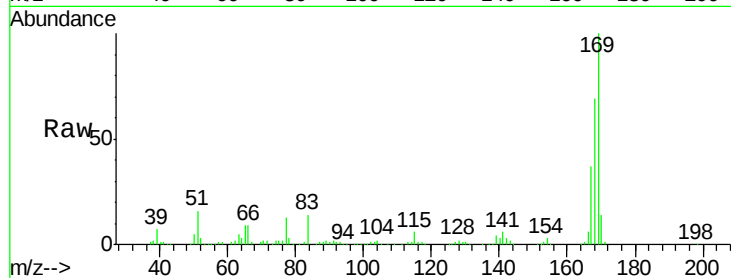
Tgt Ion:169 Resp: 420046

Ion Ratio Lower Upper

169 100

168 69.2 55.1 82.7

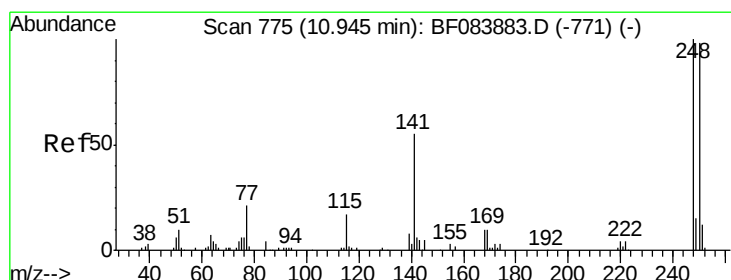
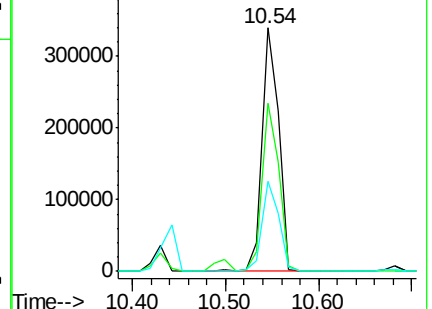
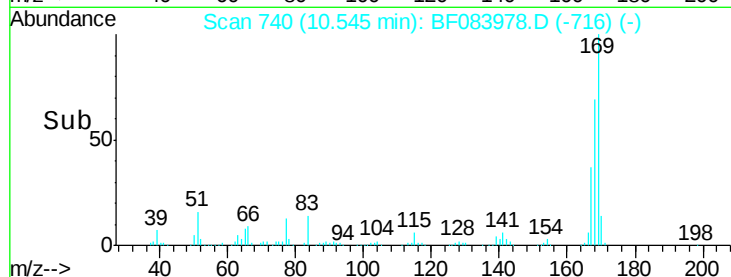
167 37.1 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.64 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

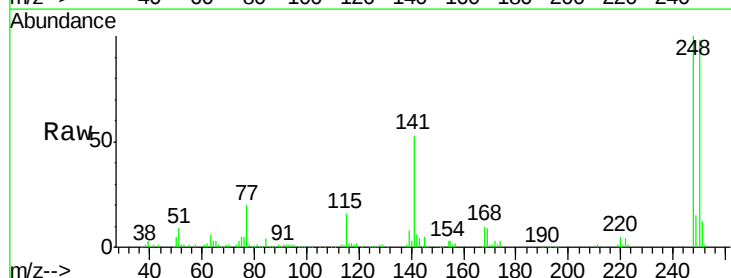
Tgt Ion:248 Resp: 145138

Ion Ratio Lower Upper

248 100

250 97.7 78.4 117.6

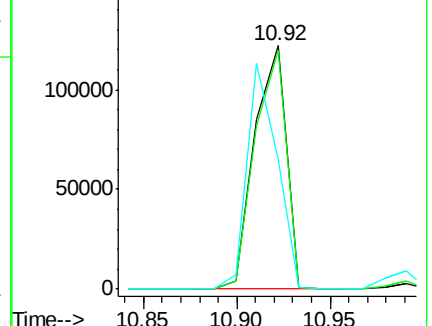
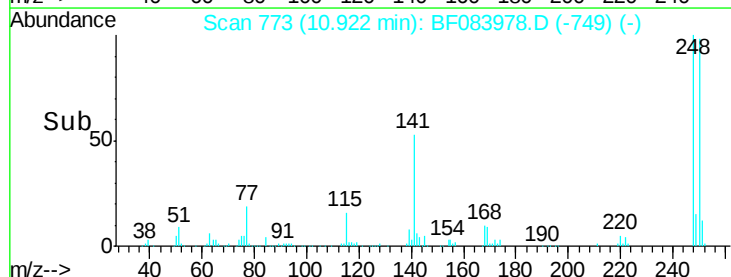
141 53.4 44.0 66.0

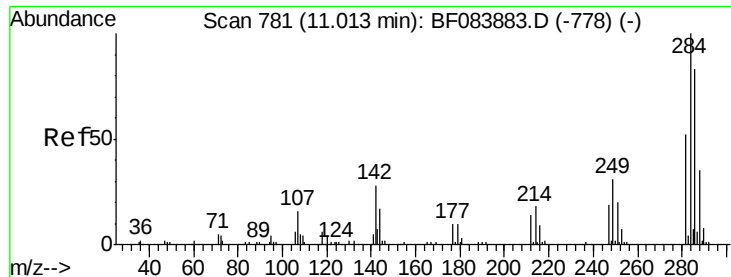


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

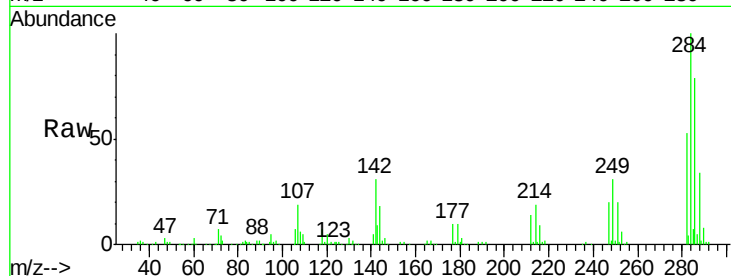




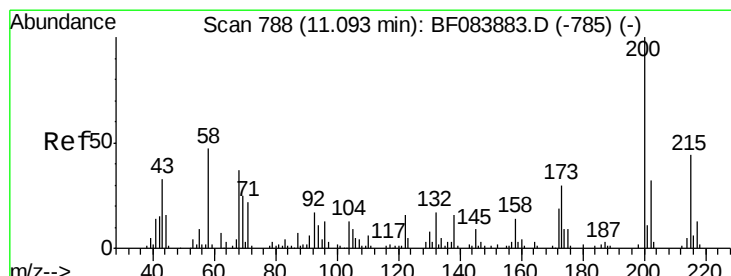
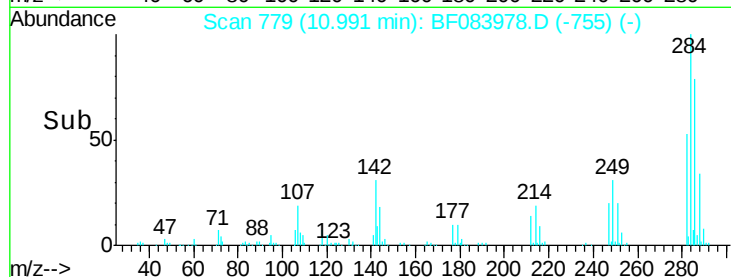
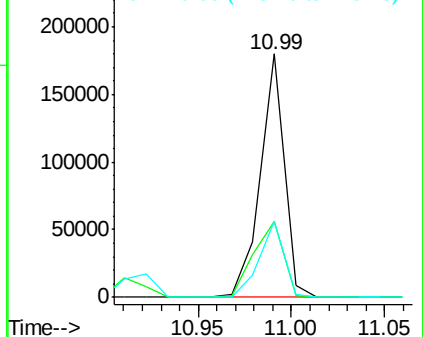
#67
Hexachlorobenzene
Concen: 48.48 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

Tgt Ion:284 Resp: 158843
Ion Ratio Lower Upper
284 100
142 31.1 22.2 33.4
249 31.4 24.6 37.0

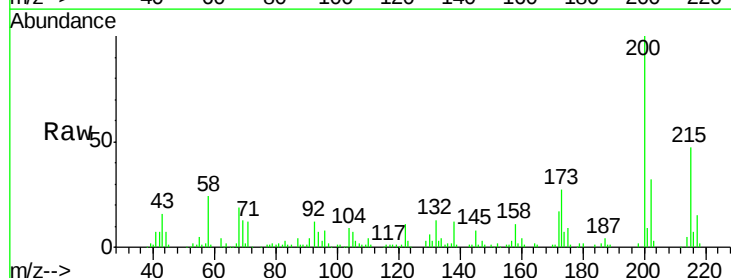


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

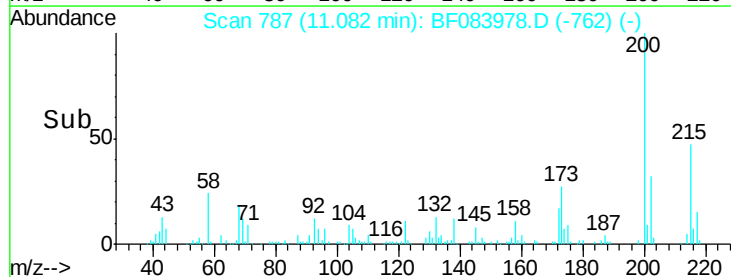
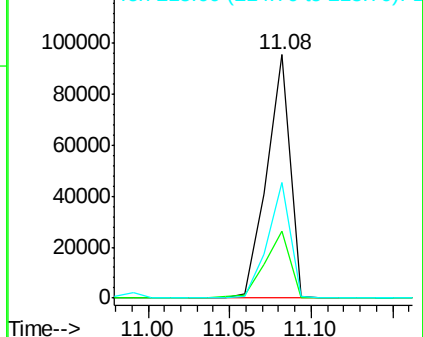


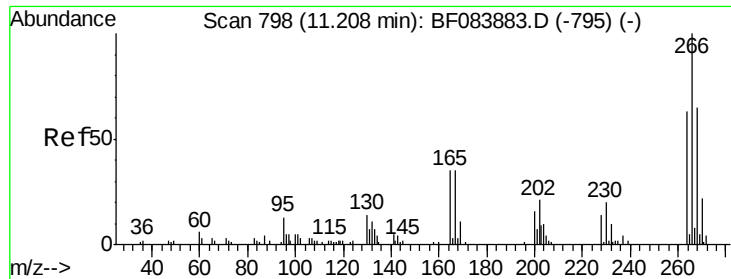
#68
Atrazine
Concen: 32.65 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:200 Resp: 95795
Ion Ratio Lower Upper
200 100
173 27.3 9.5 49.5
215 47.3 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

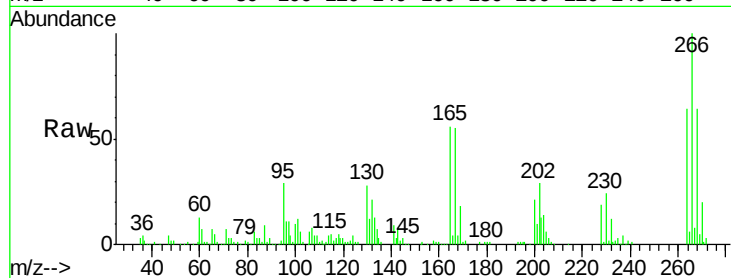




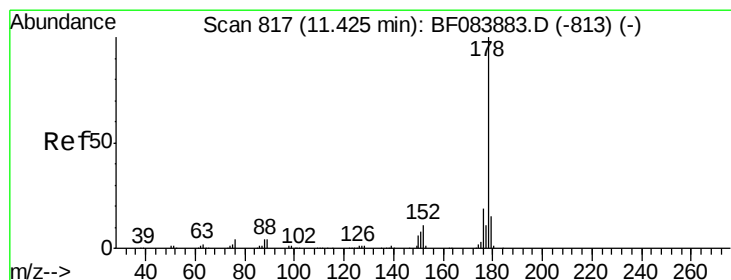
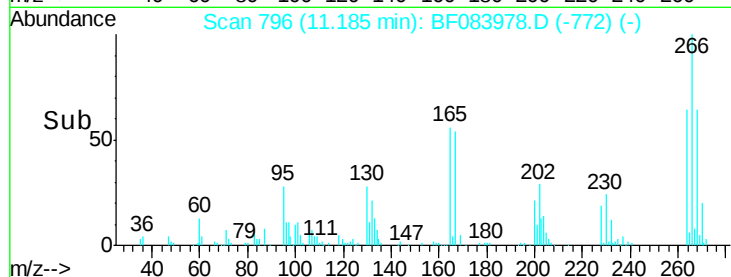
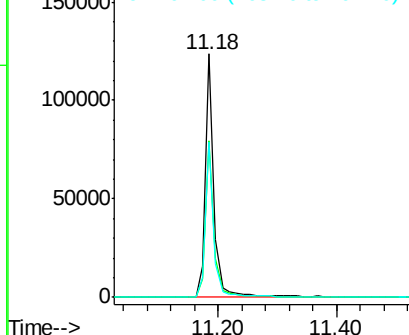
#69
 Pentachlorophenol
 Concen: 92.92 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMS

Tgt Ion:266 Resp: 130327
 Ion Ratio Lower Upper
 266 100
 268 64.2 52.4 78.6
 264 63.7 50.2 75.2

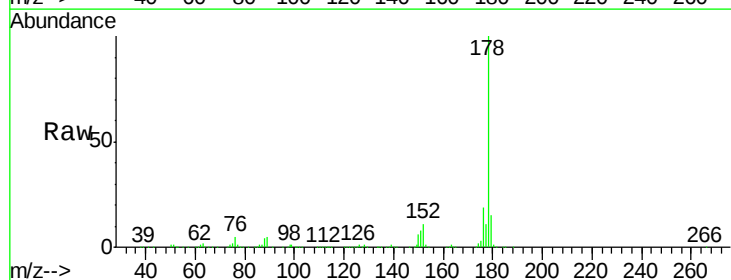


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

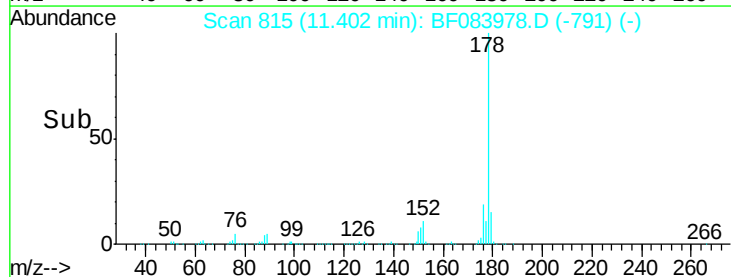
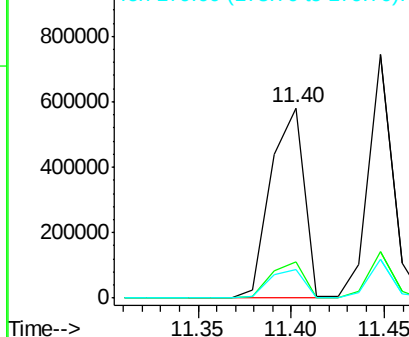


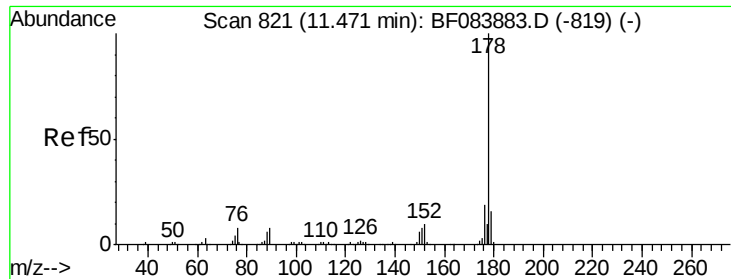
#70
 Phenanthrene
 Concen: 46.90 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Tgt Ion:178 Resp: 721278
 Ion Ratio Lower Upper
 178 100
 176 19.2 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

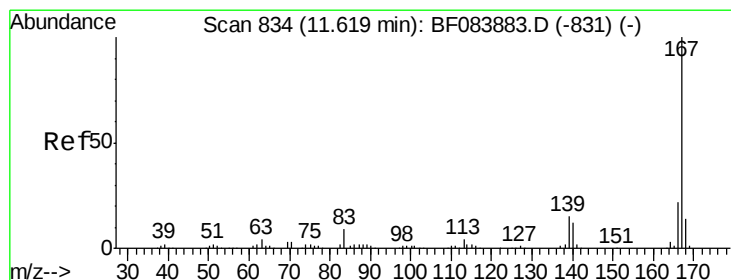
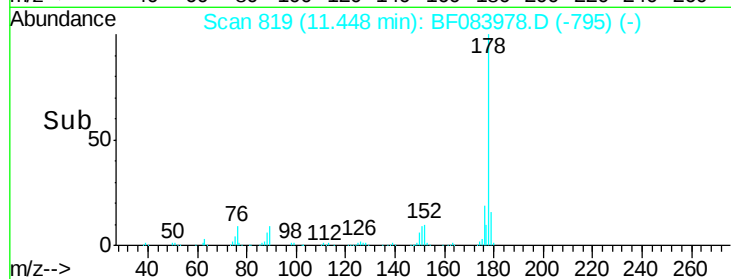
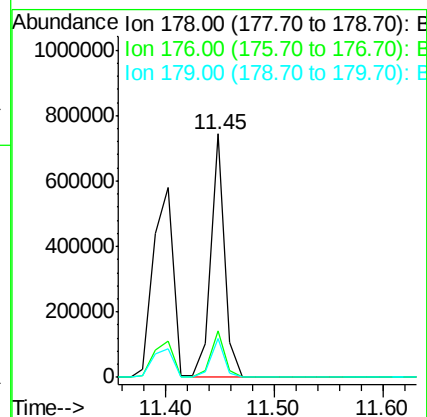
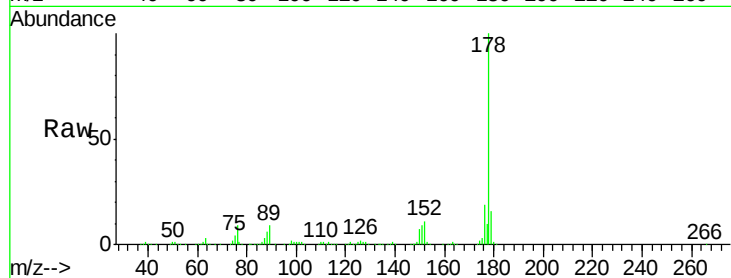




#71
 Anthracene
 Concen: 44.41 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

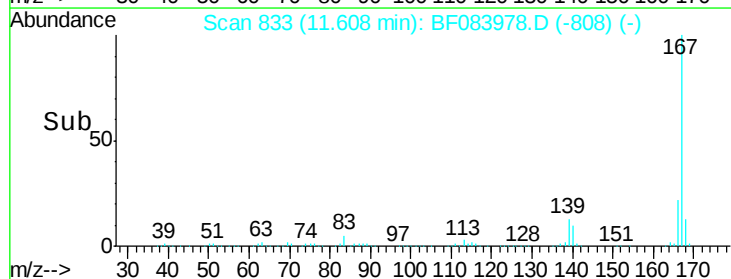
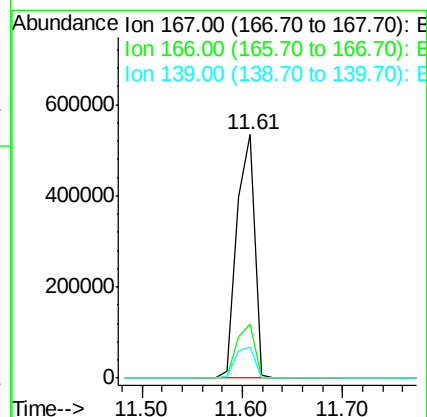
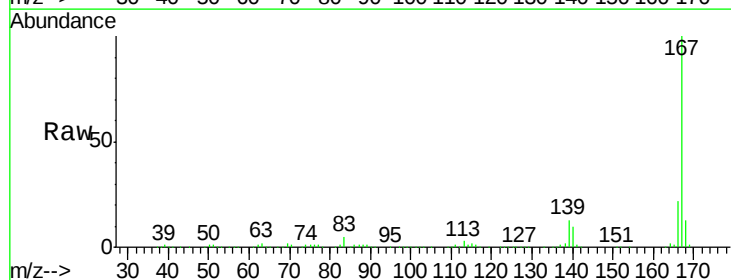
Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMS

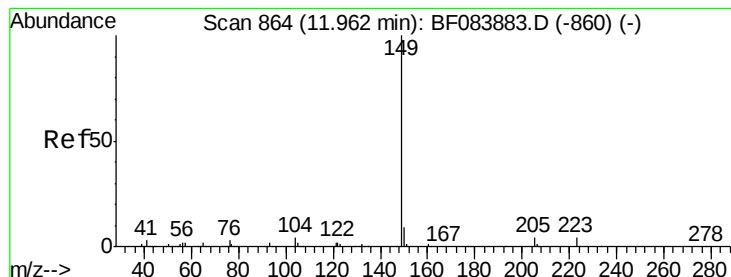
Tgt Ion:178 Resp: 660181
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.8 12.5 18.7



#72
 Carbazole
 Concen: 44.80 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Tgt Ion:167 Resp: 658047
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 12.6 11.8 17.8





#73

Di-n-butylphthalate

Concen: 48.07 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

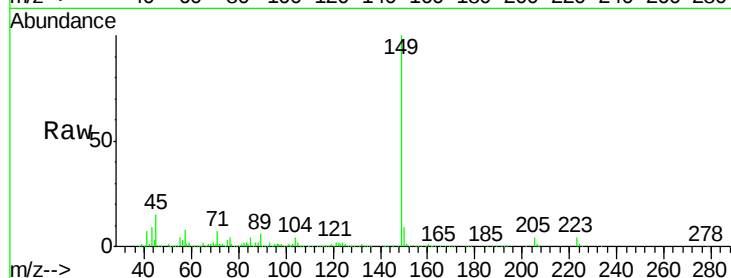
Tgt Ion:149 Resp: 829600

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

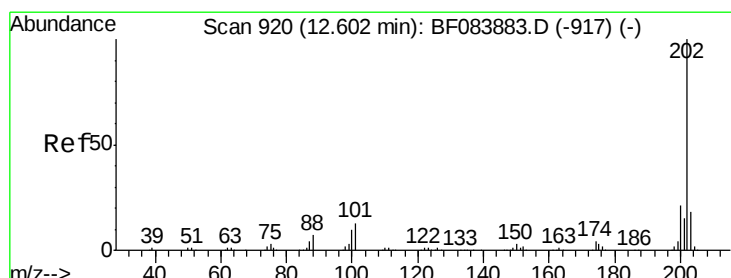
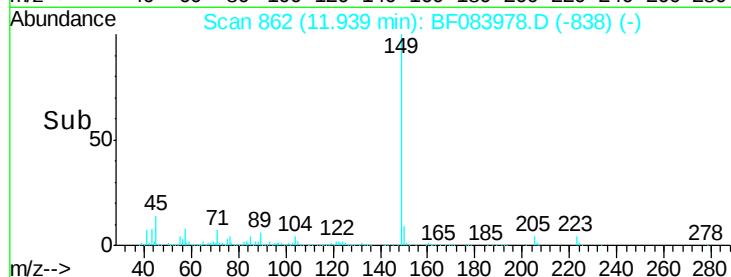
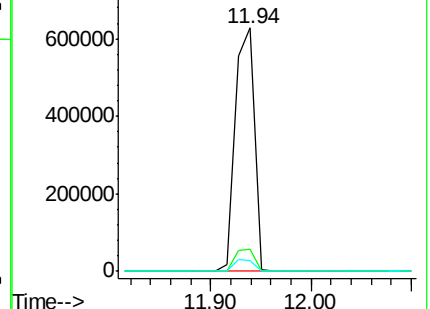
104 4.1 3.2 4.8



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: 40.87 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

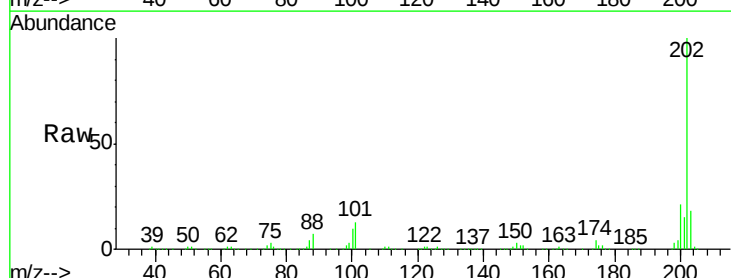
Tgt Ion:202 Resp: 627236

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.8

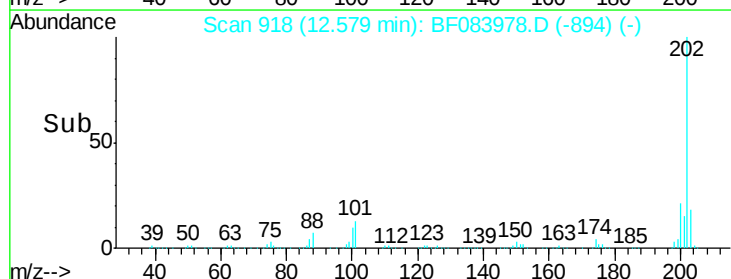
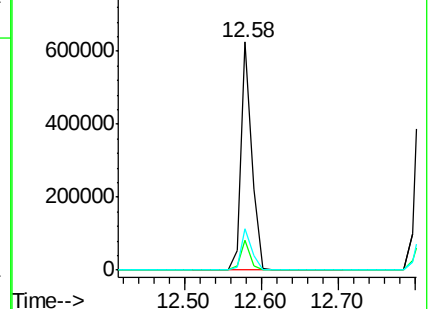
203 18.1 0.0 37.9

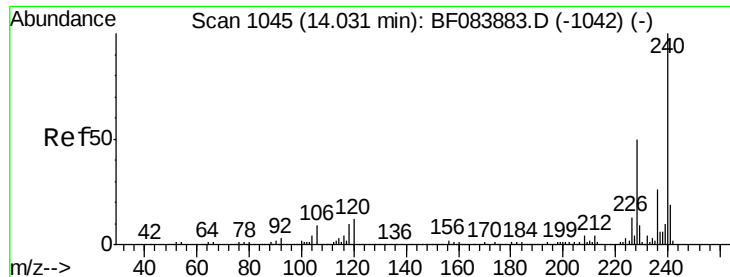


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

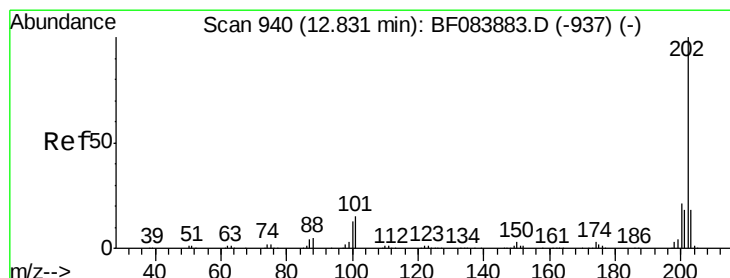
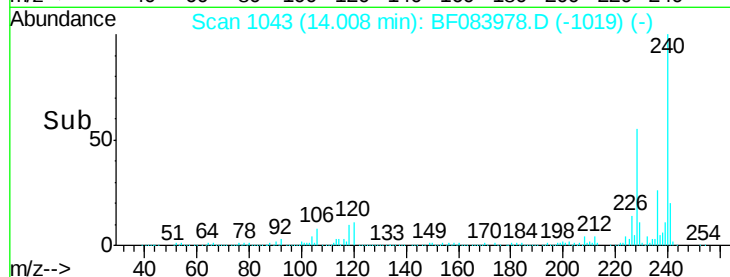
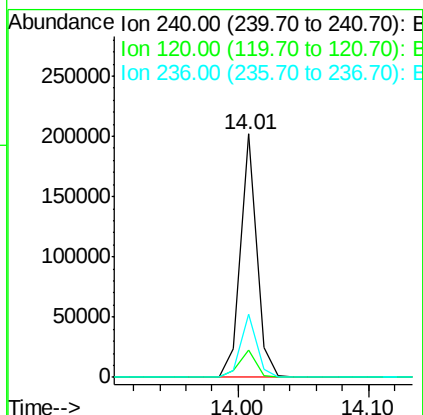
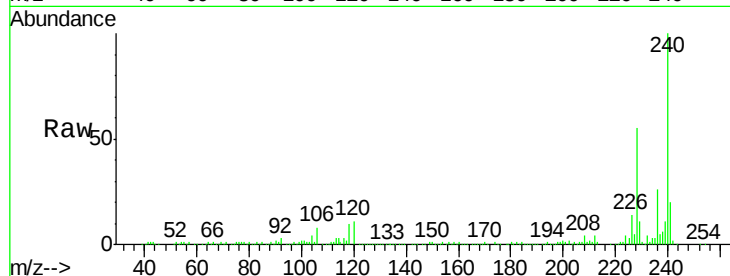




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

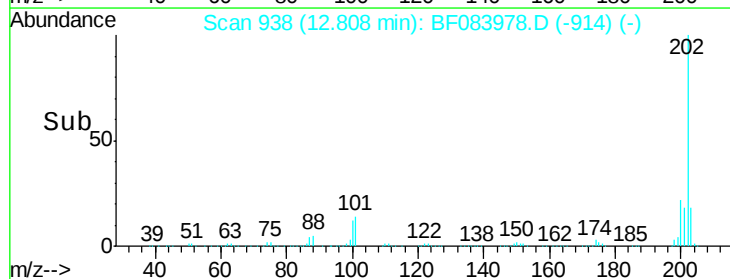
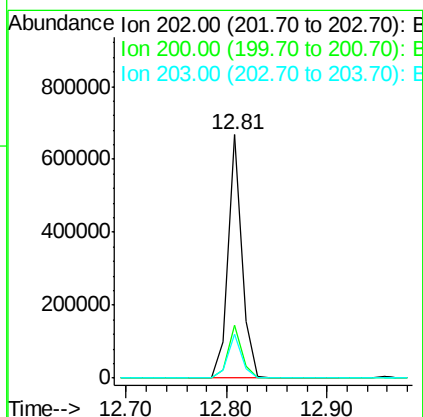
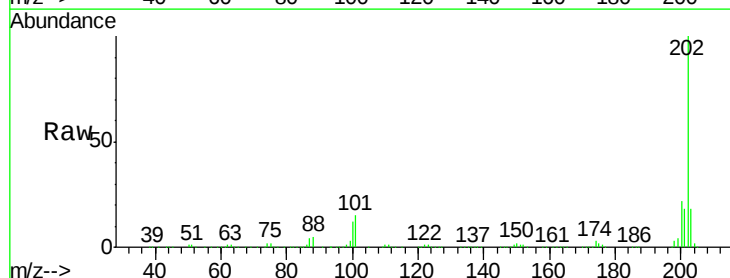
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

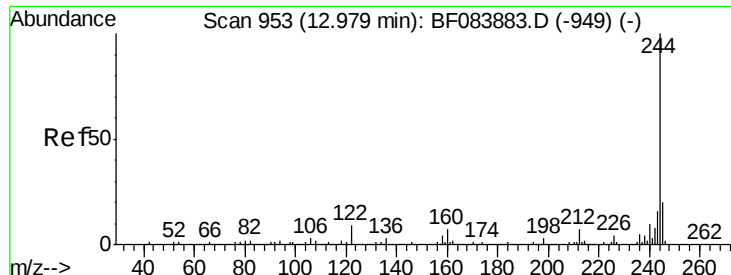
Tgt Ion: 240 Resp: 173891
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 26.0 20.6 31.0



#77
Pyrene
Concen: 55.74 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 202 Resp: 640716
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 17.8 14.3 21.5

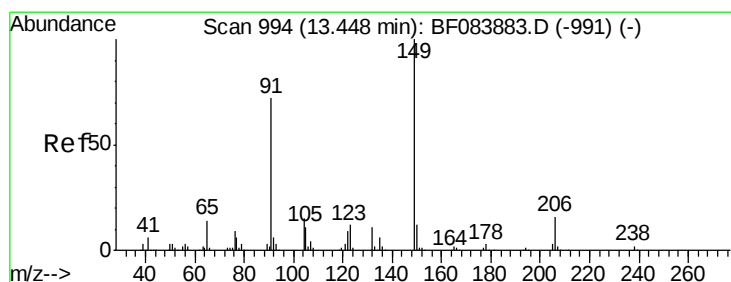
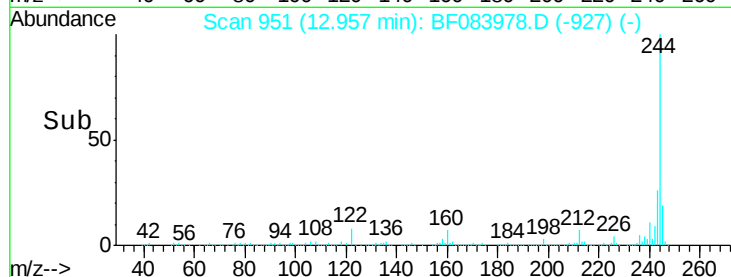
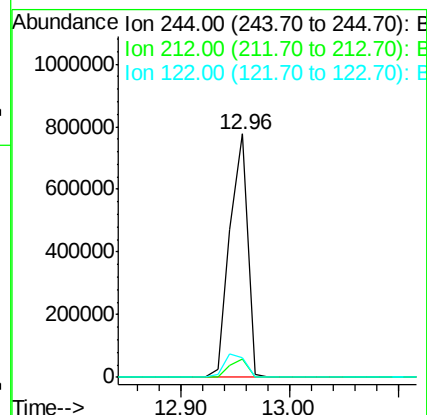
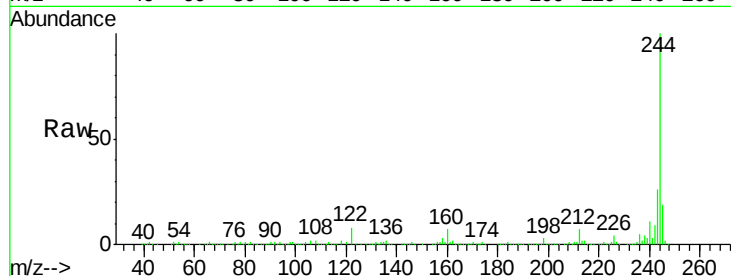




#78
 Terphenyl-d14
 Concen: 121.09 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

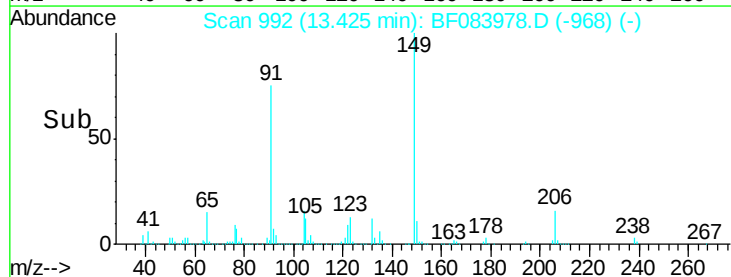
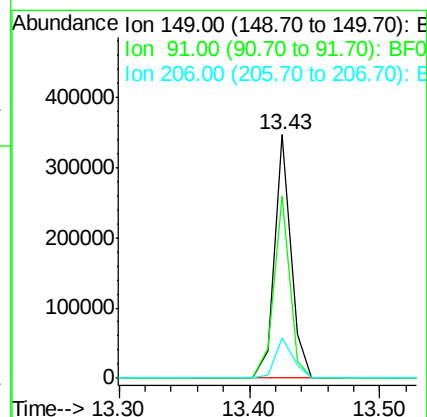
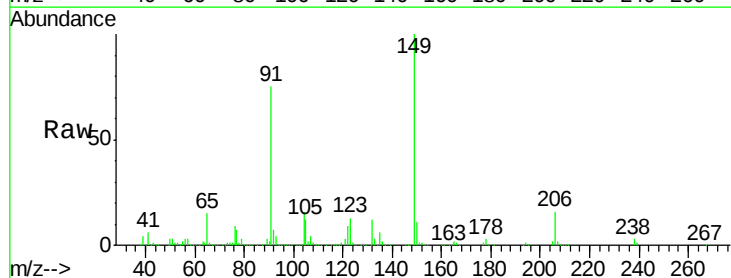
Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMS

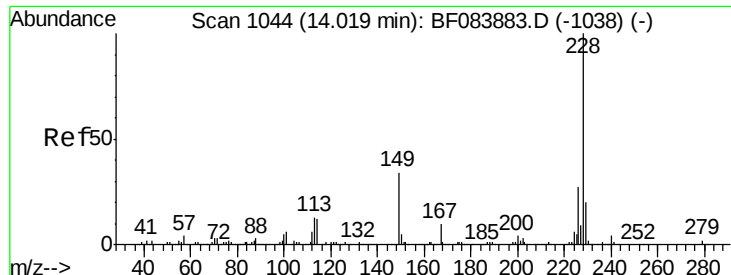
Tgt Ion:244 Resp: 880845
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 8.1 7.4 11.0



#79
 Butylbenzylphthalate
 Concen: 53.57 ng
 RT: 13.43 min Scan# 992
 Delta R.T. -0.02 min
 Lab File: BF083978.D
 Acq: 20 Dec 2015 4:31

Tgt Ion:149 Resp: 310114
 Ion Ratio Lower Upper
 149 100
 91 75.0 57.6 86.4
 206 16.4 13.2 19.8

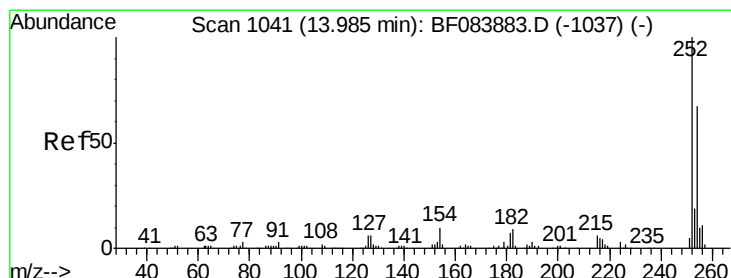
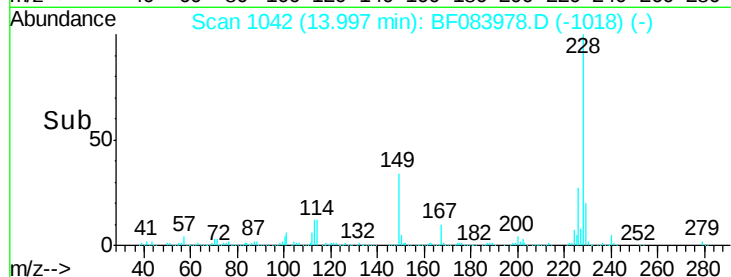
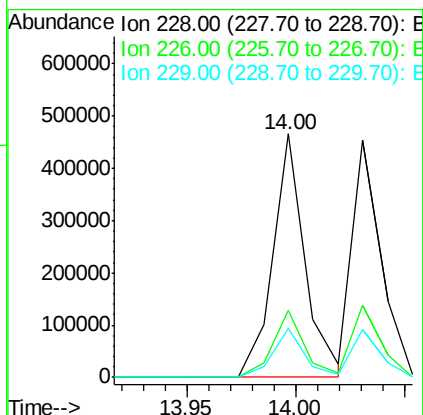
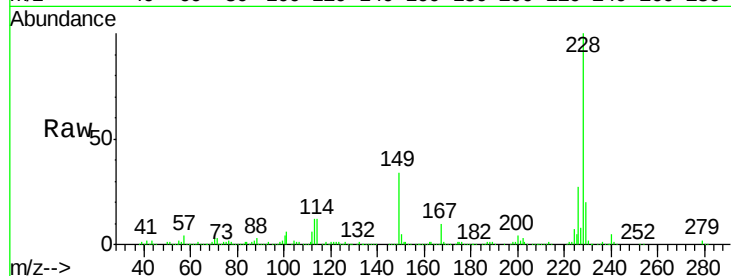




#80
Benzo(a)anthracene
Concen: 45.23 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

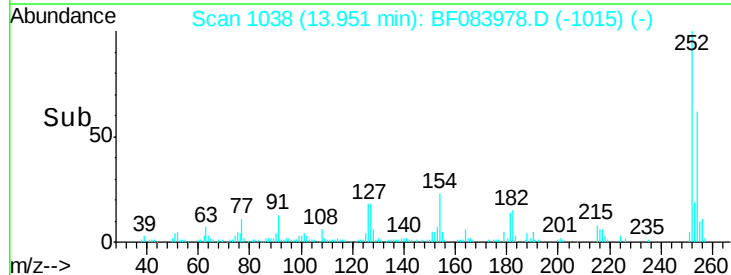
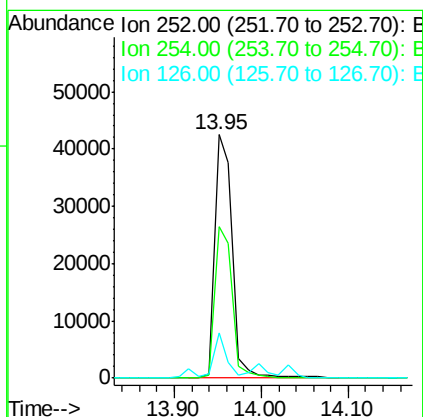
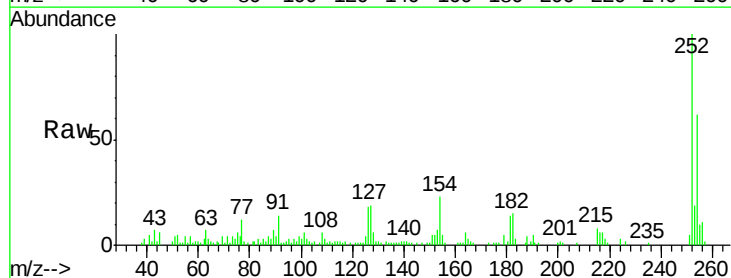
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

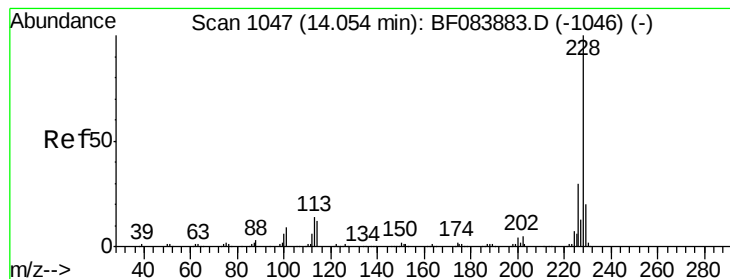
Tgt Ion: 228 Resp: 483593
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.6
229 20.1 15.8 23.8



#81
3,3'-Dichlorobenzidine
Concen: 15.20 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 252 Resp: 60746
Ion Ratio Lower Upper
252 100
254 62.4 53.5 80.3
126 18.4 4.9 7.3#





#82

Chrysene

Concen: 40.95 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

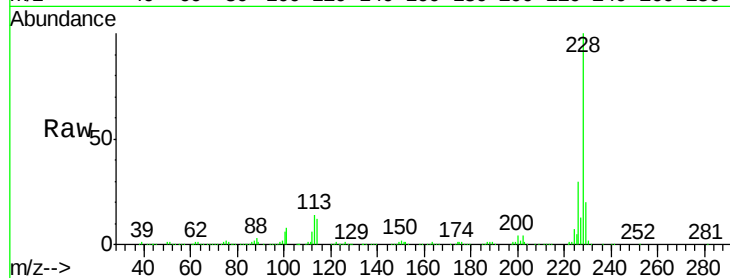
Tgt Ion:228 Resp: 422908

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

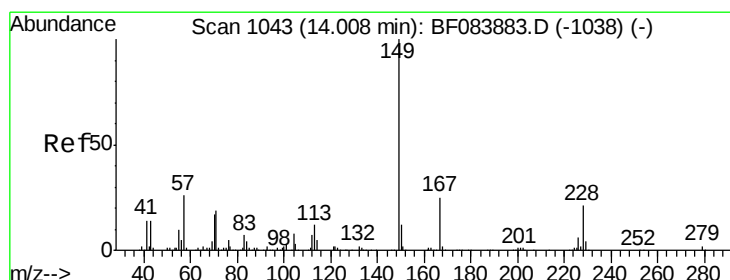
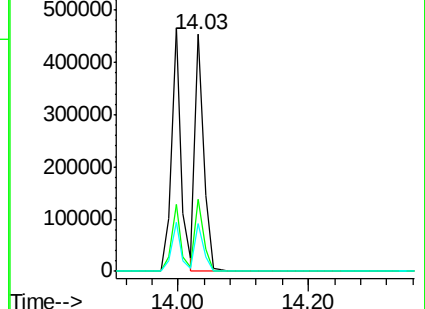
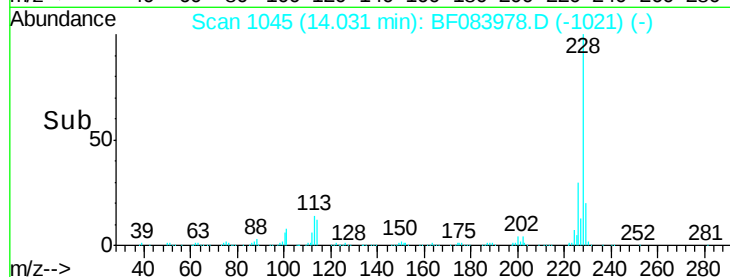
229 19.9 16.1 24.1



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: 55.84 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

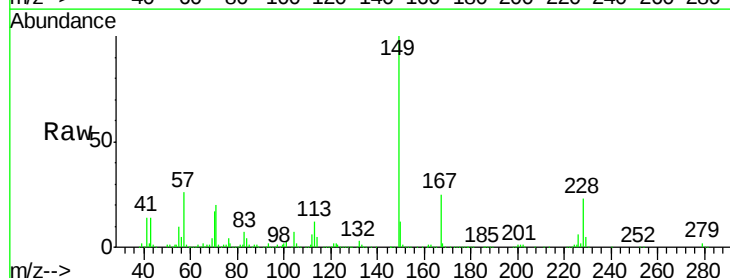
Tgt Ion:149 Resp: 431594

Ion Ratio Lower Upper

149 100

167 25.3 19.7 29.5

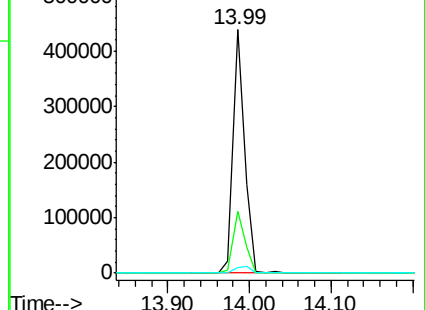
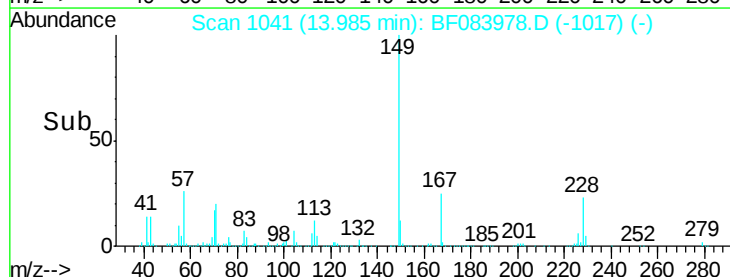
279 2.3 1.8 2.6

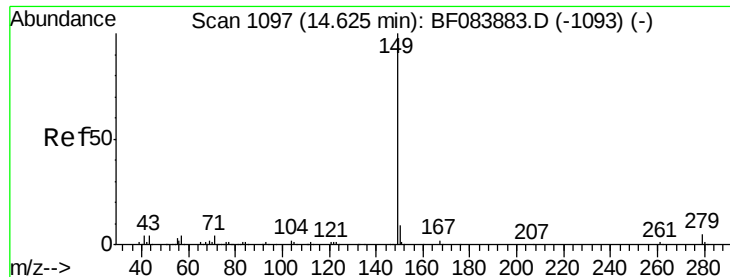


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 54.31 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

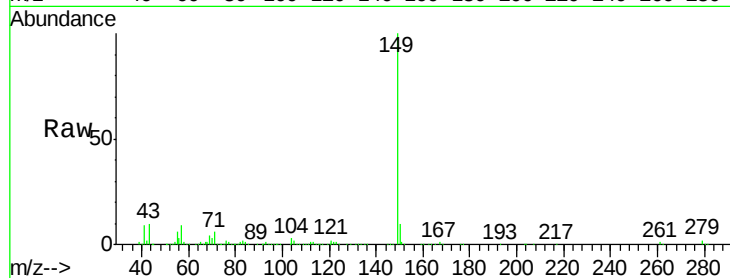
Tgt Ion:149 Resp: 656914

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

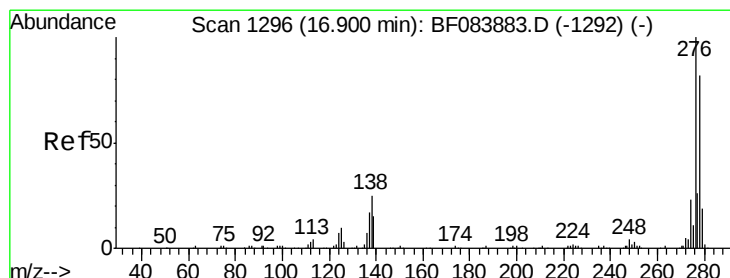
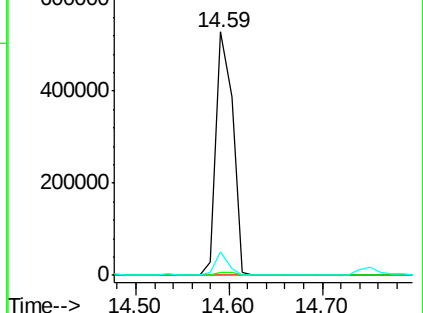
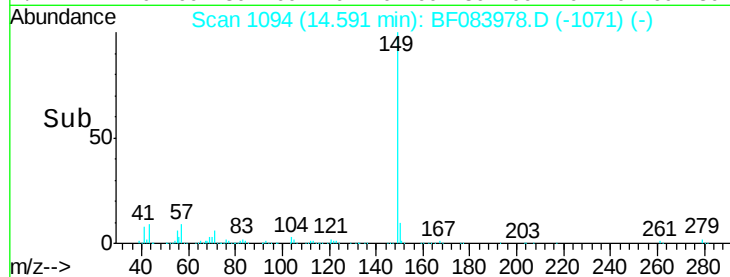
43 7.6 5.6 8.4



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: 66.91 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

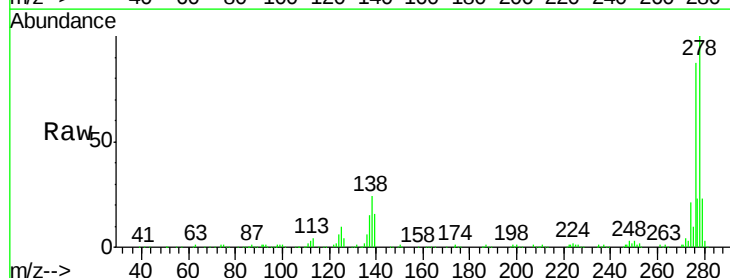
Tgt Ion:276 Resp: 516762

Ion Ratio Lower Upper

276 100

138 26.8 20.6 30.8

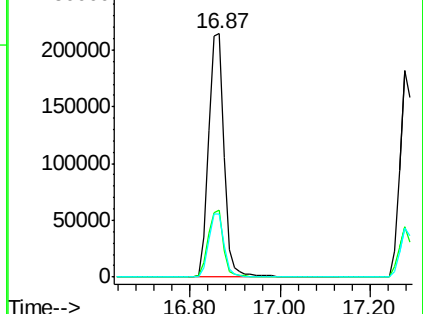
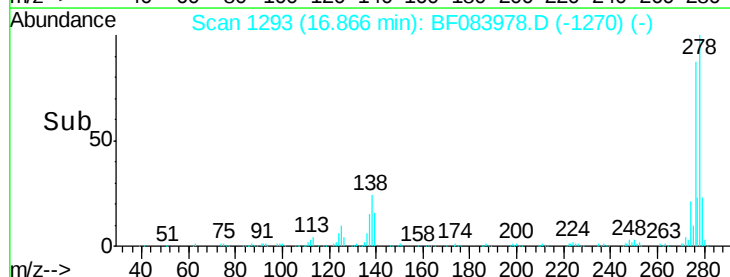
277 25.7 20.1 30.1

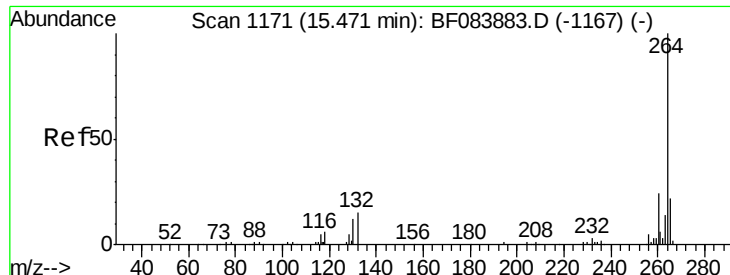


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

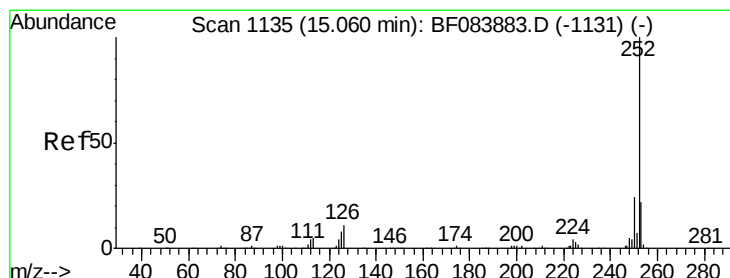
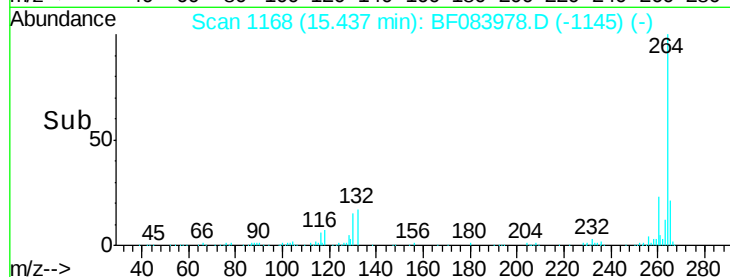
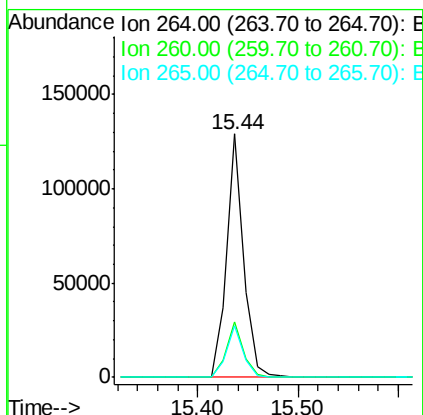
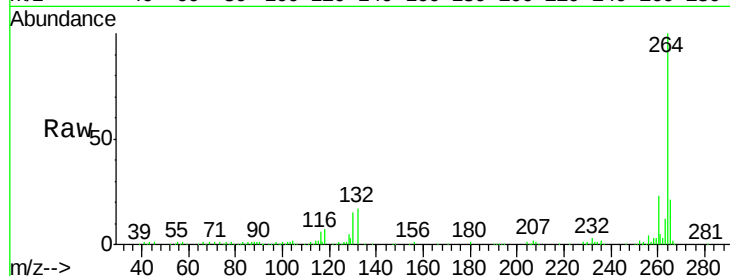




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

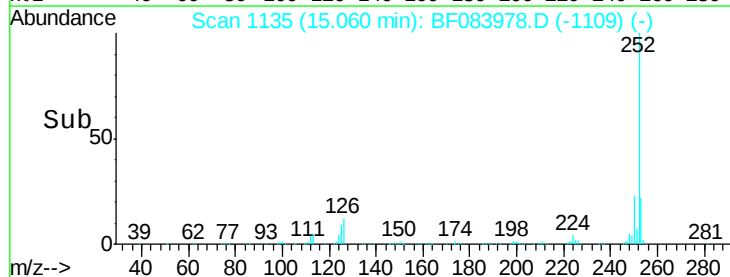
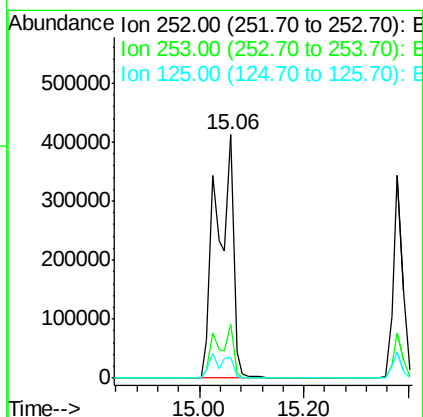
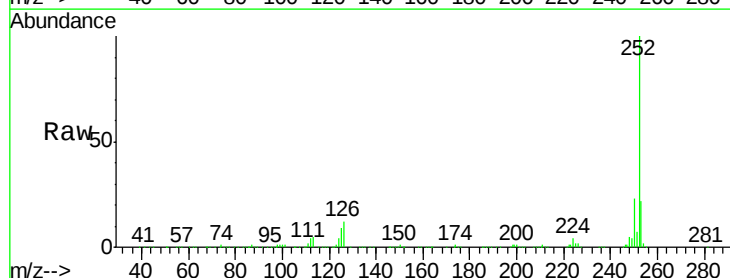
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

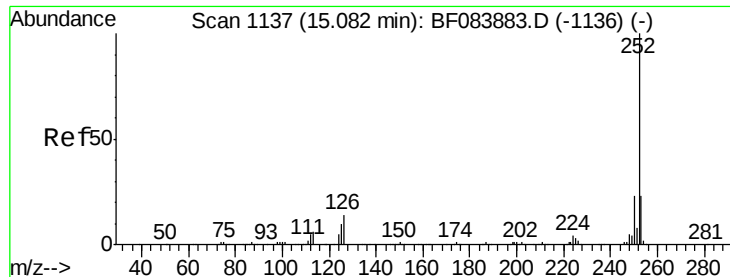
Tgt Ion: 264 Resp: 151813
Ion Ratio Lower Upper
264 100
260 22.5 19.4 29.2
265 21.2 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 82.85 ng
RT: 15.06 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 252 Resp: 917027
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 8.7 6.5 9.7

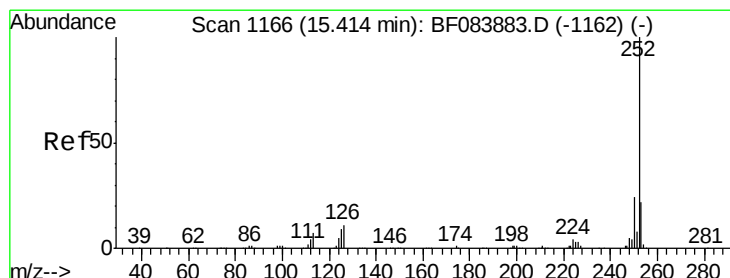
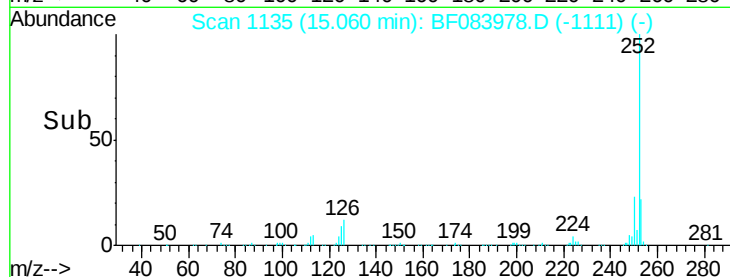
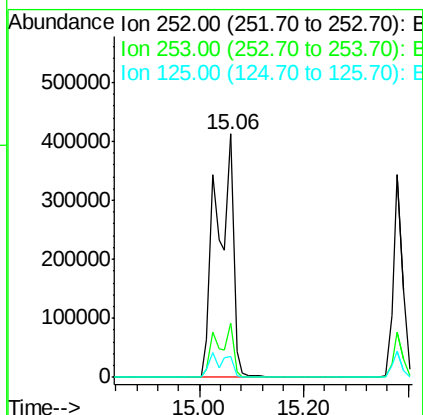
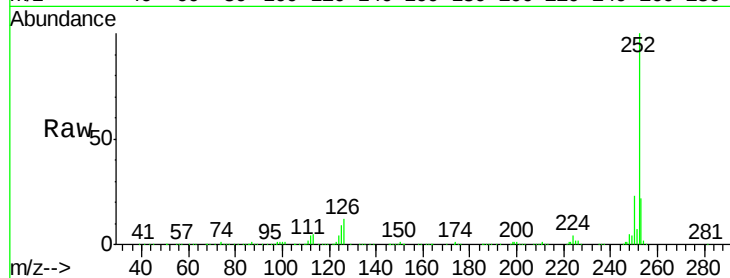




#88
Benzo(k)fluoranthene
Concen: 100.44 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

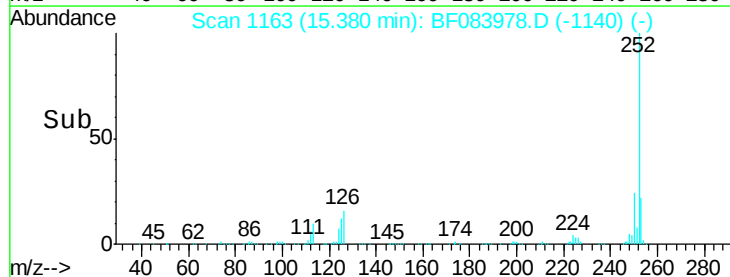
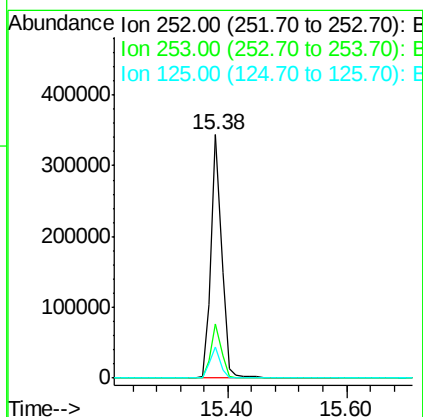
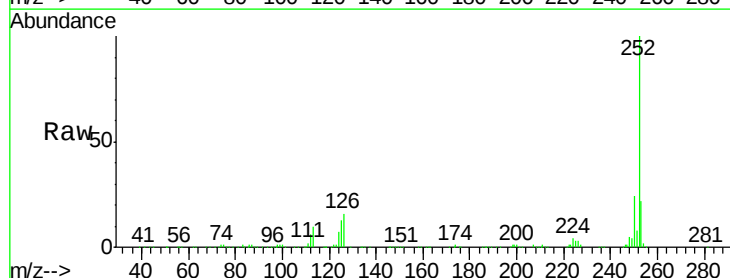
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

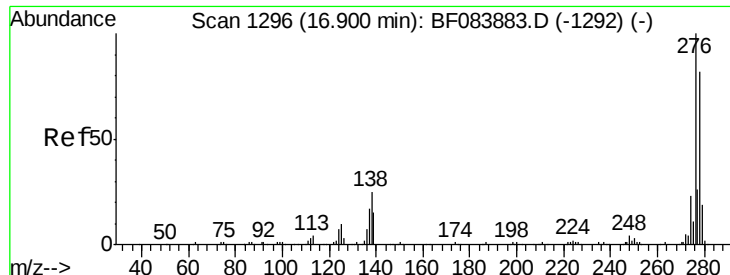
Tgt Ion: 252 Resp: 917027
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 8.7 9.0 13.6#



#89
Benzo(a)pyrene
Concen: 47.40 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 252 Resp: 433203
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 12.5 7.0 10.4#





#90

Dibenzo(a,h)anthracene

Concen: 60.89 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMS

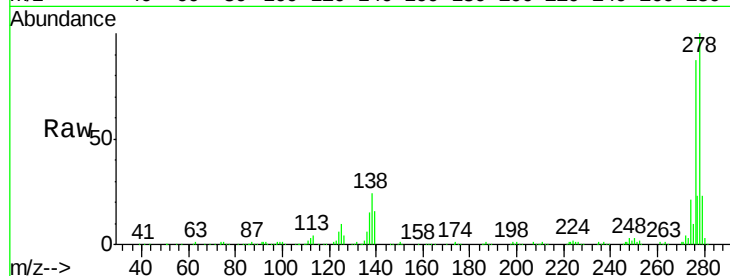
Tgt Ion:278 Resp: 432970

Ion Ratio Lower Upper

278 100

139 16.4 15.0 22.4

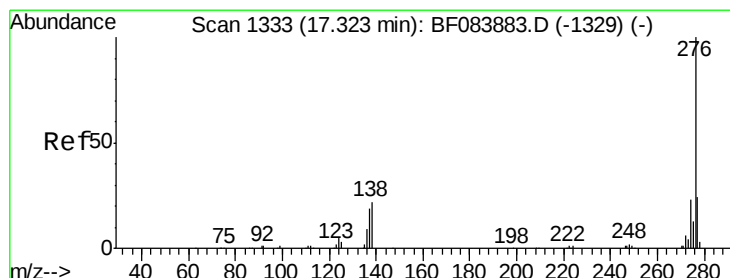
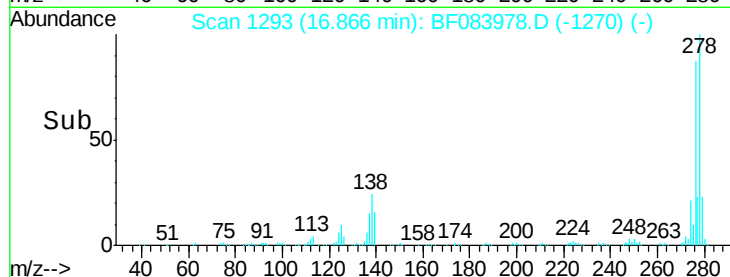
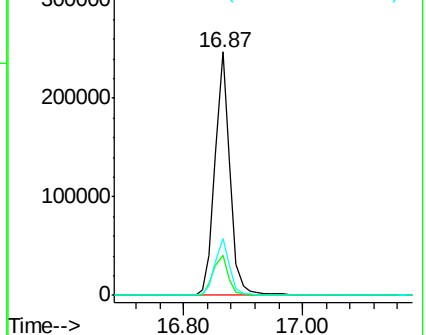
279 23.3 18.9 28.3



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: 58.99 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.05 min

Lab File: BF083978.D

Acq: 20 Dec 2015 4:31

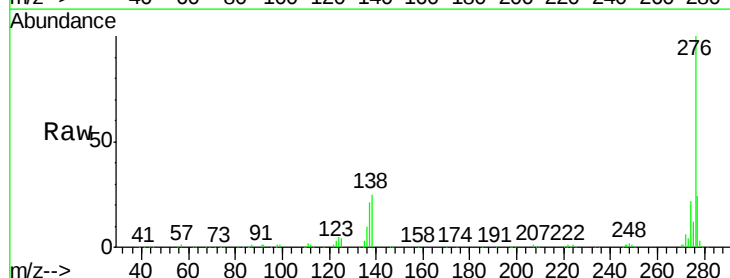
Tgt Ion:276 Resp: 411104

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 24.7 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

