

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081879.D
 Acq On : 29 Sep 2015 14:53
 Operator : UM/IZ
 Sample : PB85668BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

Quant Time: Sep 30 00:37:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	82814	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	339135	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	190303	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	392218	20.00	ng	-0.01
75) Chrysene-d12	14.10	240	379141	20.00	ng	-0.01
86) Perylene-d12	15.57	264	312663	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	544189	119.29	ng	0.01
7) Phenol-d6	6.55	99	765834	133.41	ng	-0.01
23) Nitrobenzene-d5	7.49	82	456361	89.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	279157	144.84	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1010199	89.81	ng	-0.01
78) Terphenyl-d14	13.04	244	1076389	94.63	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	64239	32.38	ng	92
3) Pyridine	3.37	79	168203	32.57	ng	90
4) n-Nitrosodimethylamine	3.33	42	85327	36.37	ng	94
6) Aniline	6.58	93	244940	31.76	ng	# 79
8) 2-Chlorophenol	6.71	128	242555	48.15	ng	98
9) Benzaldehyde	6.47	77	74597	19.84	ng	# 76
10) Phenol	6.57	94	275875	42.84	ng	77
11) bis(2-Chloroethyl)ether	6.66	93	252274	50.52	ng	94
12) 1,3-Dichlorobenzene	7.10	146	224451	37.72	ng	96
13) 1,4-Dichlorobenzene	7.10	146	238678	38.41	ng	96
14) 1,2-Dichlorobenzene	7.10	146	248214	44.83	ng	100
15) Benzyl Alcohol	7.07	79	190050	45.86	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.20	45	339497	48.09	ng	78
17) 2-Methylphenol	7.18	107	200415	49.07	ng	# 83
18) Hexachloroethane	7.43	117	88315	45.40	ng	# 89
19) n-Nitroso-di-n-propylamine	7.34	70	158451	45.42	ng	# 77
20) 3+4-Methylphenols	7.33	107	226680	43.94	ng	# 63
22) Acetophenone	7.34	105	321013	46.30	ng	# 80
24) Nitrobenzene	7.51	77	239369	43.33	ng	# 69
25) Isophorone	7.75	82	442394	43.87	ng	# 91
26) 2-Nitrophenol	7.83	139	128324	48.39	ng	# 76
27) 2,4-Dimethylphenol	7.86	122	223807	47.98	ng	# 79
28) bis(2-Chloroethoxy)methane	7.97	93	277720	46.38	ng	# 95
29) 2,4-Dichlorophenol	8.07	162	233995	51.73	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	244244	48.37	ng	99
31) Naphthalene	8.23	128	655421	43.62	ng	98
32) Benzoic acid	7.99	122	116147	42.60	ng	# 65
33) 4-Chloroaniline	8.29	127	168194	25.88	ng	# 90
34) Hexachlorobutadiene	8.34	225	135078	45.23	ng	98
35) Caprolactam	8.66	113	37345	29.82	ng	94
36) 4-Chloro-3-methylphenol	8.77	107	244163	55.20	ng	# 83
37) 2-Methylnaphthalene	8.93	142	527169	51.39	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	235049	40.23	ng	99
40) Hexachlorocyclopentadiene	9.07	237	279685	92.96	ng	96

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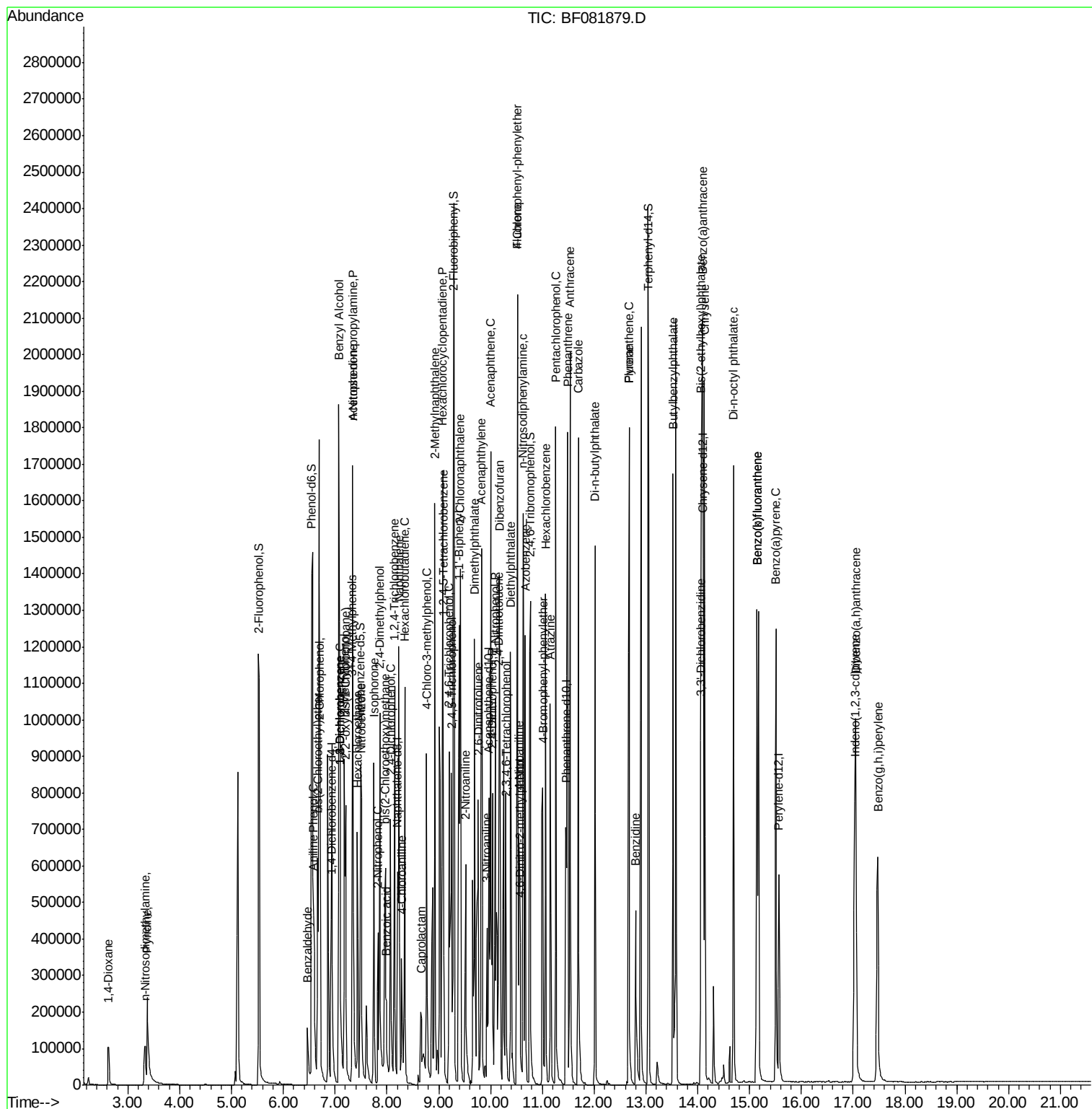
Instrument :
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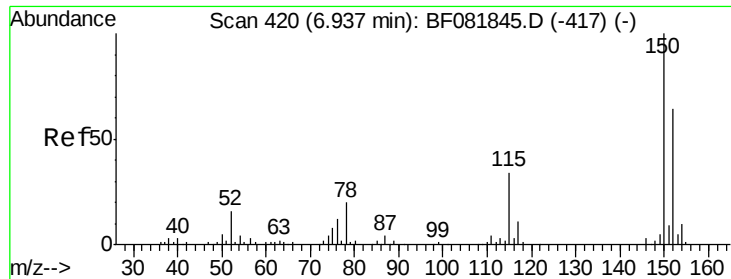
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	155386	38.80	ng	99
43) 2,4,5-Trichlorophenol	9.25	196	189074	45.90	ng	96
45) 1,1'-Biphenyl	9.39	154	609520	41.52	ng	94
46) 2-Chloronaphthalene	9.42	162	506211	43.91	ng	97
47) 2-Nitroaniline	9.52	65	158786	46.92	ng	89
48) Acenaphthylene	9.83	152	732552	39.70	ng	96
49) Dimethylphthalate	9.69	163	602480	45.87	ng	# 98
50) 2,6-Dinitrotoluene	9.76	165	144578	50.70	ng	# 90
51) Acenaphthene	10.00	154	532717	48.62	ng	89
52) 3-Nitroaniline	9.93	138	101166	30.66	ng	# 78
53) 2,4-Dinitrophenol	10.03	184	133044	88.85	ng	# 64
54) Dibenzofuran	10.17	168	693375	44.78	ng	# 83
55) 4-Nitrophenol	10.09	139	218987	91.86	ng	# 42
56) 2,4-Dinitrotoluene	10.16	165	183573	50.49	ng	# 79
57) Fluorene	10.51	166	515861	46.66	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.30	232	165372	50.62	ng	95
59) Diethylphthalate	10.39	149	611257	49.82	ng	97
60) 4-Chlorophenyl-phenylether	10.51	204	248569	43.85	ng	98
61) 4-Nitroaniline	10.55	138	139695	42.23	ng	# 42
62) Azobenzene	10.67	77	604041	50.44	ng	96
64) 4,6-Dinitro-2-methylphenol	10.57	198	89459	49.82	ng	# 62
65) n-Nitrosodiphenylamine	10.63	169	490504	41.33	ng	92
66) 4-Bromophenyl-phenylether	11.01	248	185998	47.03	ng	# 89
67) Hexachlorobenzene	11.06	284	208134	46.63	ng	# 84
68) Atrazine	11.15	200	164756	44.75	ng	83
69) Pentachlorophenol	11.26	266	232311	91.35	ng	97
70) Phenanthrene	11.49	178	913570	48.53	ng	96
71) Anthracene	11.53	178	925560	46.43	ng	97
72) Carbazole	11.69	167	849927	47.11	ng	94
73) Di-n-butylphthalate	12.01	149	972460	53.16	ng	# 98
74) Fluoranthene	12.68	202	1049317	49.94	ng	87
76) Benzidine	12.80	184	337400	29.54	ng	# 97
77) Pyrene	12.68	202	1041236	45.97	ng	96
79) Butylbenzylphthalate	13.52	149	454115	53.28	ng	96
80) Benzo(a)anthracene	14.09	228	911362	44.64	ng	96
81) 3,3'-Dichlorobenzidine	14.06	252	230477	33.43	ng	# 94
82) Chrysene	14.13	228	745319	39.31	ng	94
83) Bis(2-ethylhexyl)phthalate	14.07	149	619374	57.93	ng	# 90
84) Di-n-octyl phthalate	14.69	149	1021444	58.71	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.03	276	737767	46.19	ng	# 85
87) Benzo(b)fluoranthene	15.14	252	819080	45.88	ng	# 85
88) Benzo(k)fluoranthene	15.14	252	819080	50.06	ng	# 86
89) Benzo(a)pyrene	15.51	252	742080	47.92	ng	# 86
90) Dibenzo(a,h)anthracene	17.05	278	614272	47.28	ng	# 79
91) Benzo(g,h,i)perylene	17.48	276	623773	46.85	ng	# 74

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.01 min

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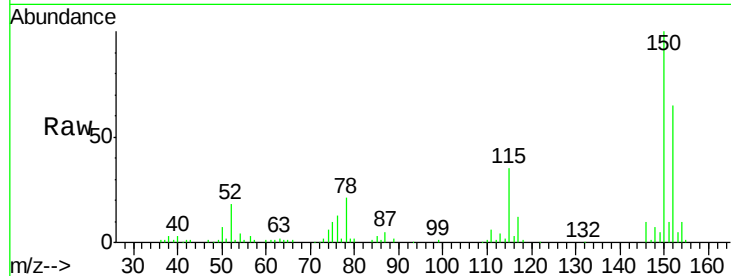
Tgt Ion:152 Resp: 82814

Ion Ratio Lower Upper

152 100

150 154.8 124.7 187.1

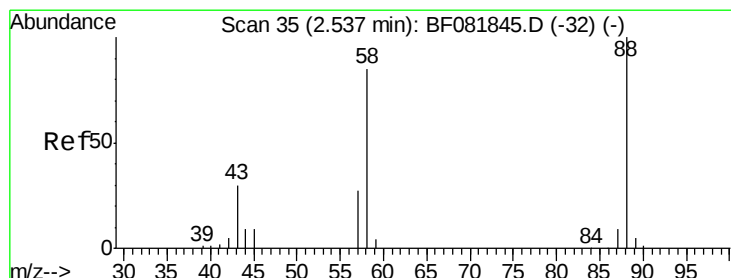
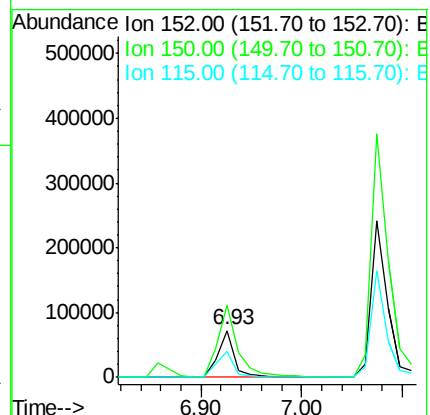
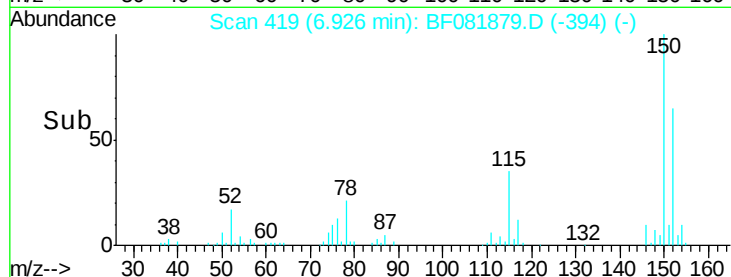
115 54.5 39.0 58.4



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: 32.38 ng

RT: 2.63 min Scan# 43

Delta R.T. 0.09 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

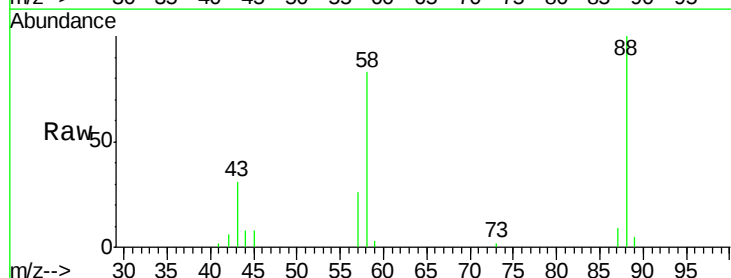
Tgt Ion: 88 Resp: 64239

Ion Ratio Lower Upper

88 100

58 87.0 77.7 116.5

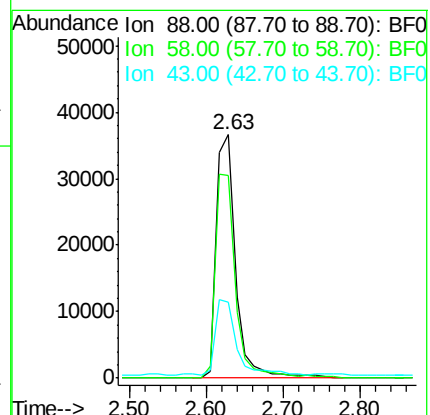
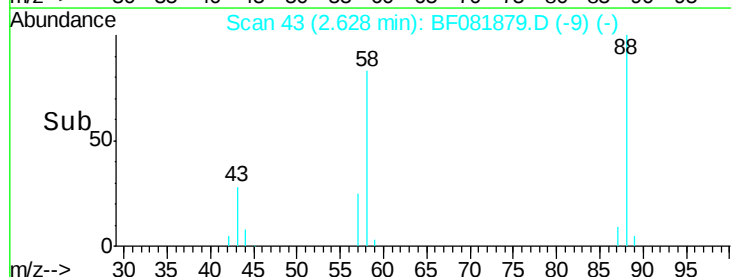
43 35.0 26.6 40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.57 ng

RT: 3.37 min Scan# 108

Delta R.T. 0.07 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Instrument :

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PB85668BS

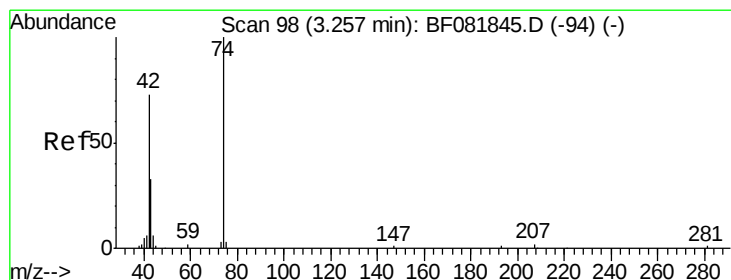
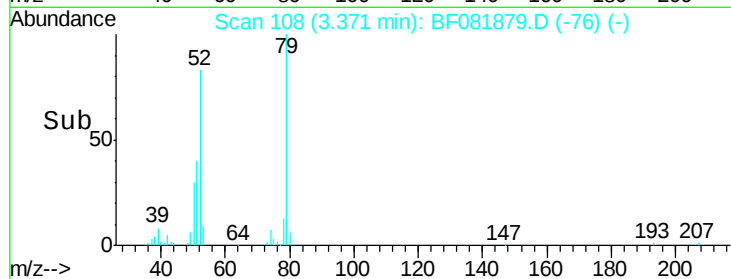
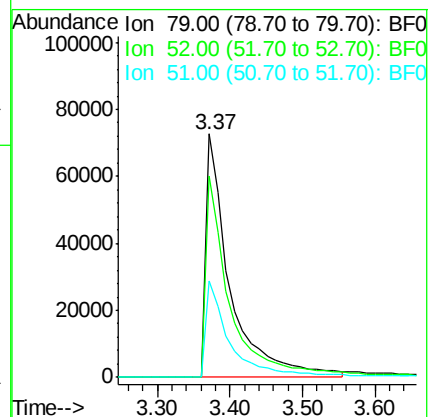
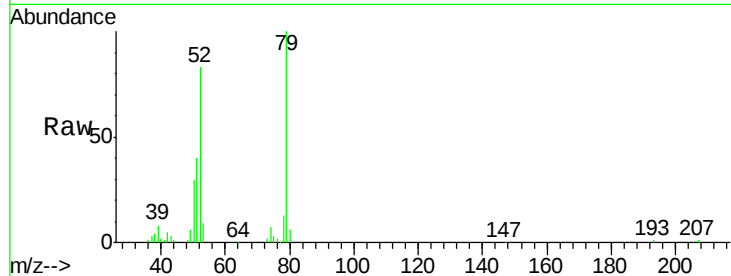
Tgt Ion: 79 Resp: 168203

Ion Ratio Lower Upper

79 100

52 82.8 76.8 115.2

51 39.8 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 36.37 ng

RT: 3.33 min Scan# 104

Delta R.T. 0.07 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

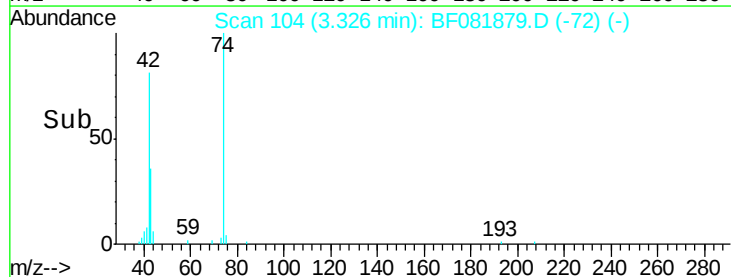
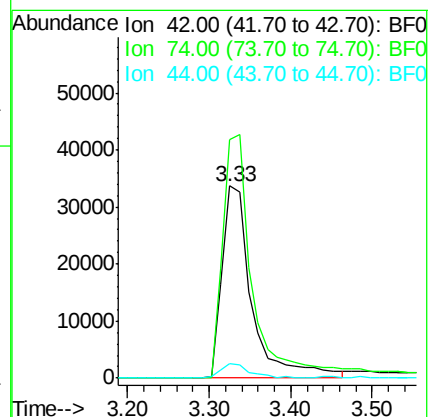
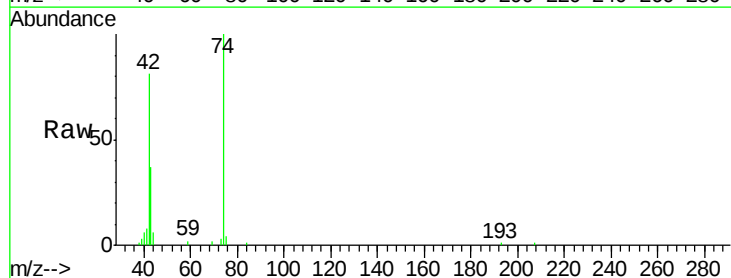
Tgt Ion: 42 Resp: 85327

Ion Ratio Lower Upper

42 100

74 124.2 105.0 157.6

44 7.5 6.6 10.0





#5

2-Fluorophenol

Concen: 119.29 ng

RT: 5.53 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Instrument :

BNA_F

ClientSampleId :

PB85668BS

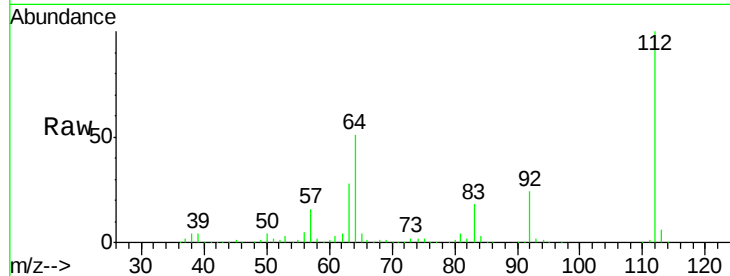
Tgt Ion: 112 Resp: 544189

Ion Ratio Lower Upper

112 100

64 51.5 39.7 59.5

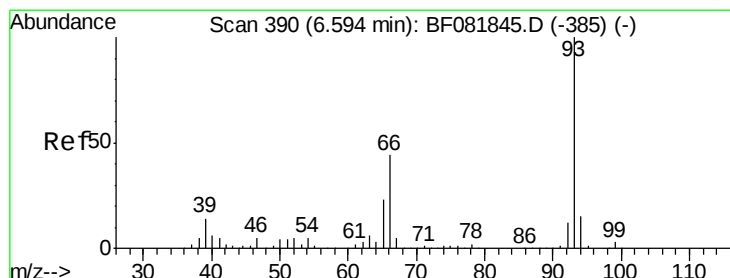
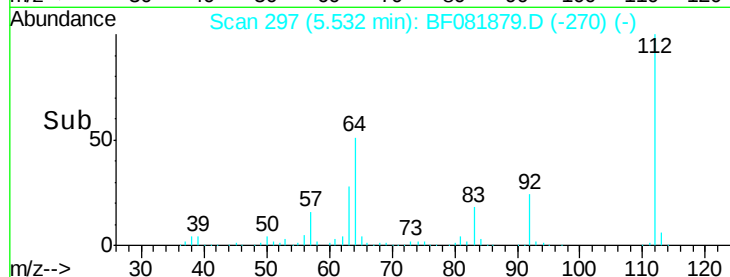
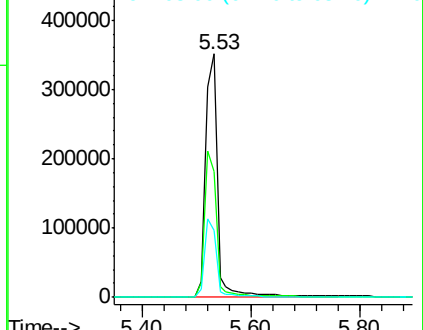
63 27.6 17.4 26.0#



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: 31.76 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

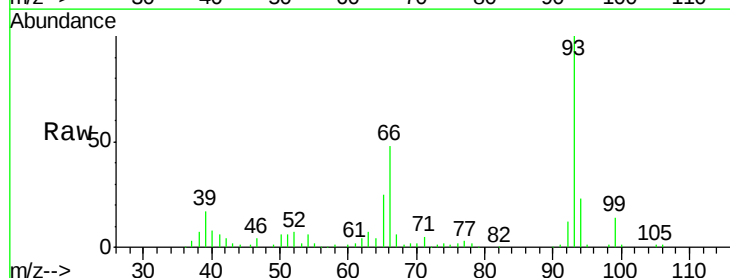
Tgt Ion: 93 Resp: 244940

Ion Ratio Lower Upper

93 100

66 48.1 27.2 40.8#

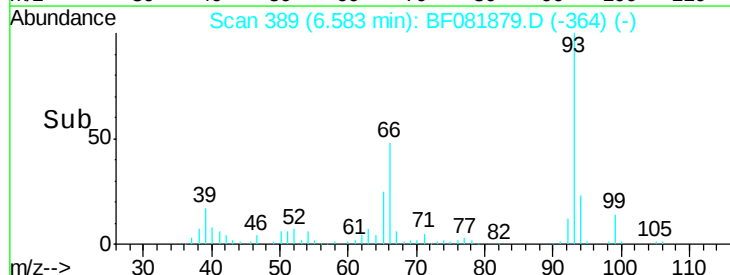
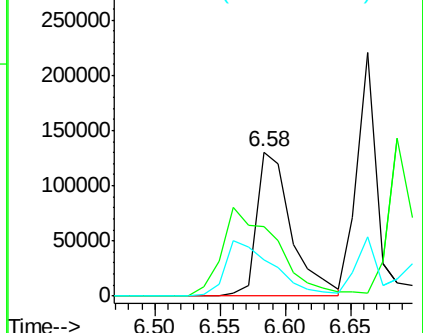
65 25.0 14.7 22.1#

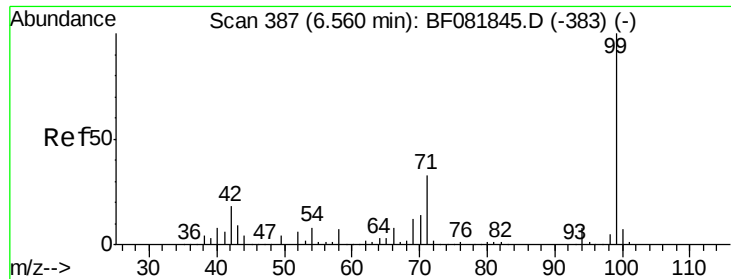


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.41 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

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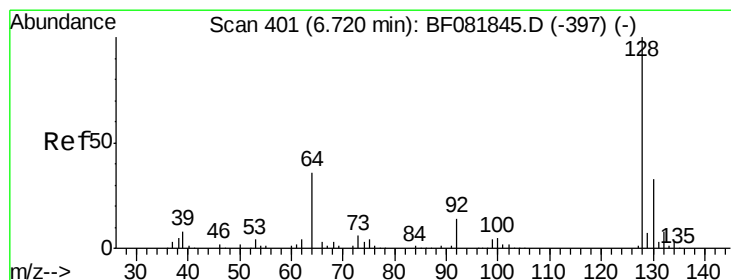
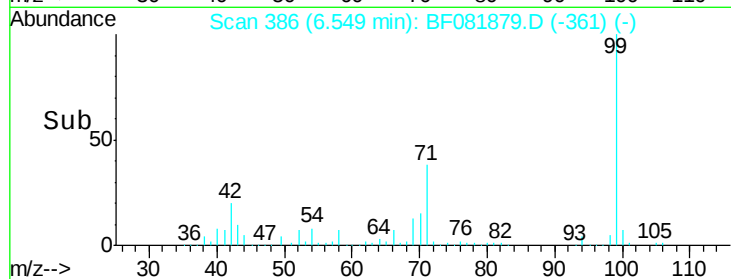
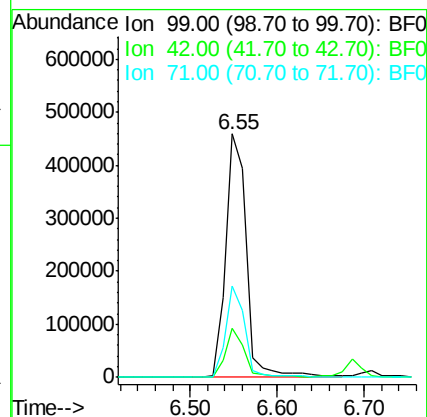
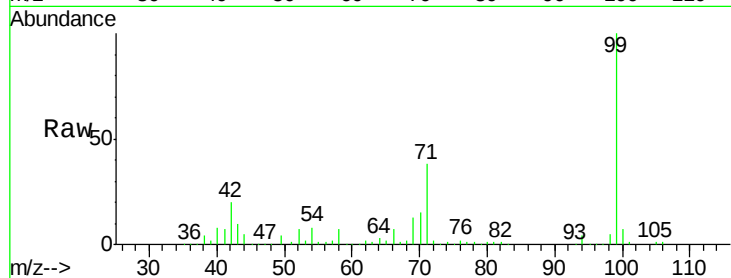
Tgt Ion: 99 Resp: 765834

Ion Ratio Lower Upper

99 100

42 19.9 13.7 20.5

71 37.5 14.2 21.2#



#8

2-Chlorophenol

Concen: 48.15 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

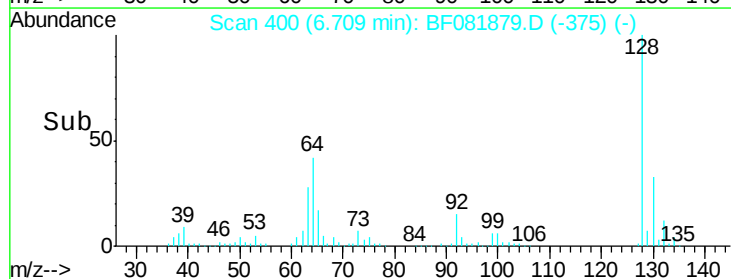
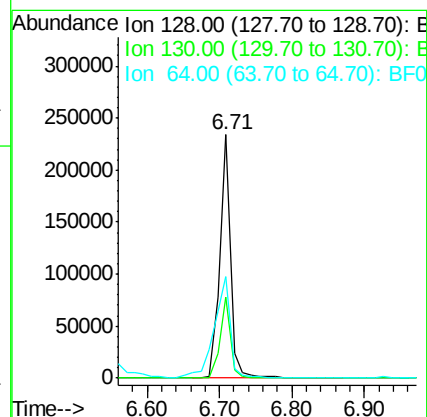
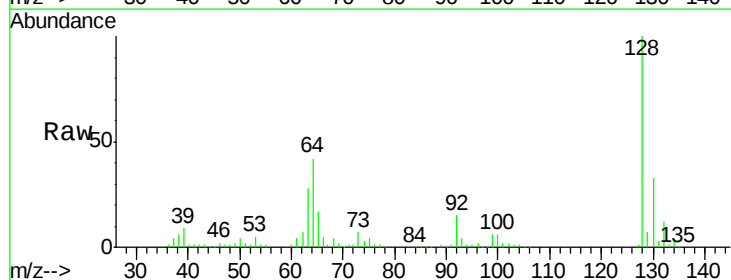
Tgt Ion: 128 Resp: 242555

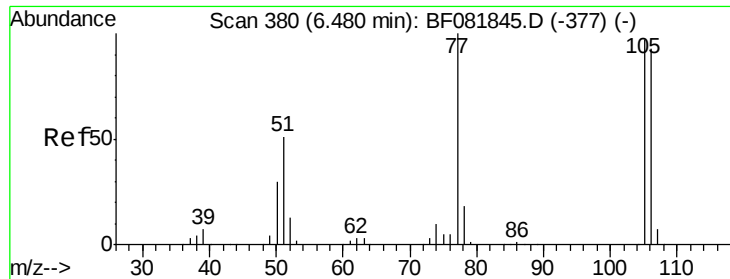
Ion Ratio Lower Upper

128 100

130 33.3 12.2 52.2

64 41.9 20.5 60.5





#9

Benzaldehyde

Concen: 19.84 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

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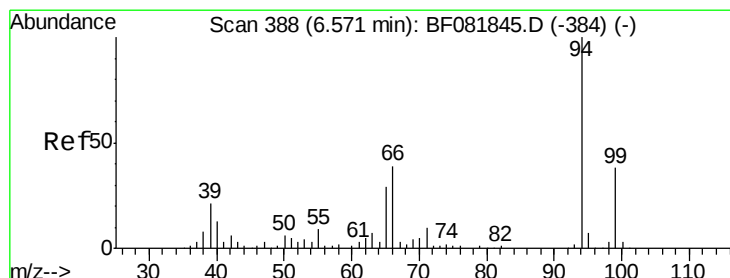
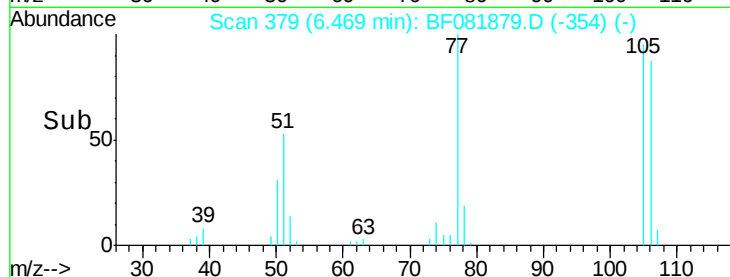
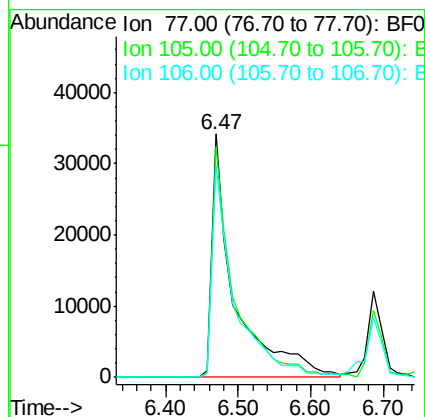
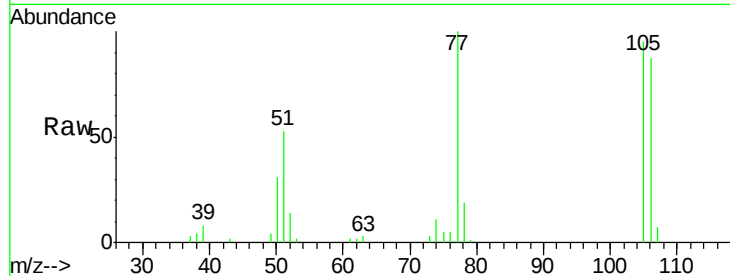
Tgt Ion: 77 Resp: 74597

Ion Ratio Lower Upper

77 100

105 94.7 91.6 131.6

106 87.0 102.6 142.6#



#10

Phenol

Concen: 42.84 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

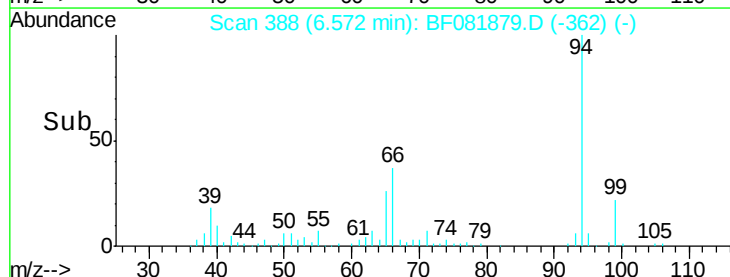
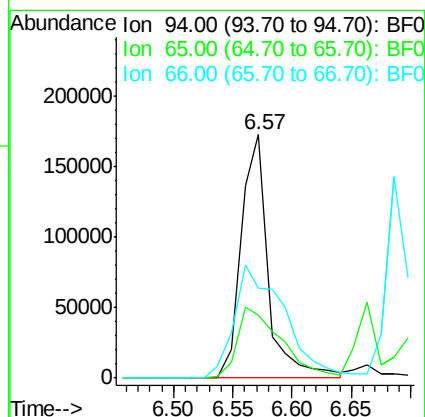
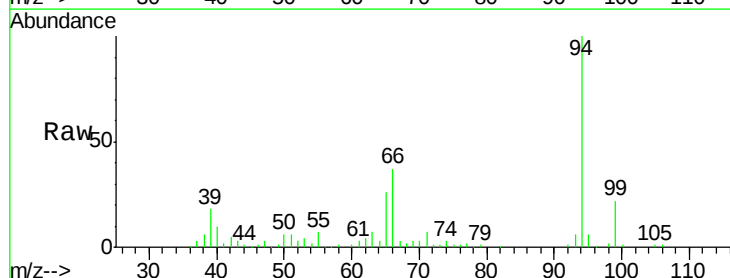
Tgt Ion: 94 Resp: 275875

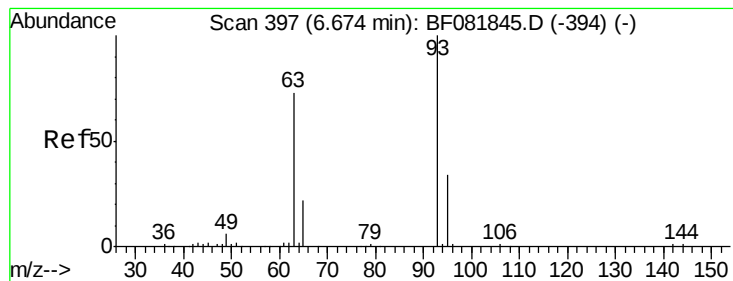
Ion Ratio Lower Upper

94 100

65 25.8 0.7 40.7

66 37.2 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 50.52 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Instrument :

BNA_F

ClientSampleId :

PB85668BS

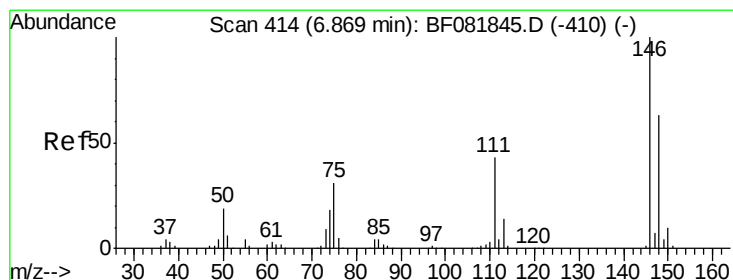
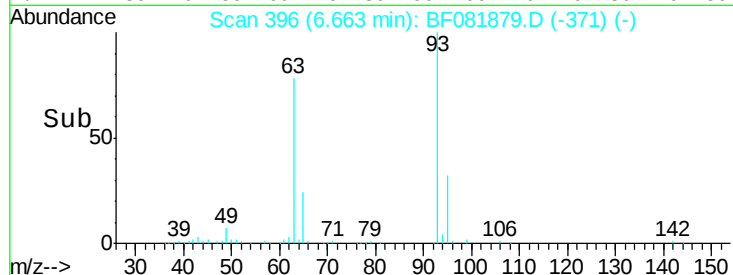
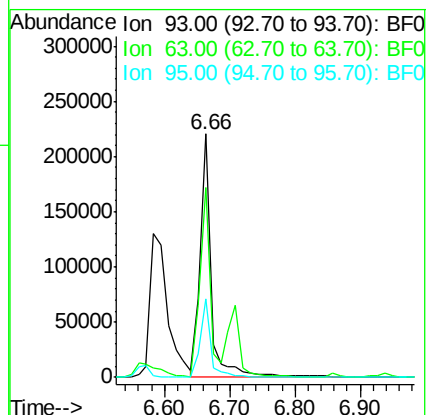
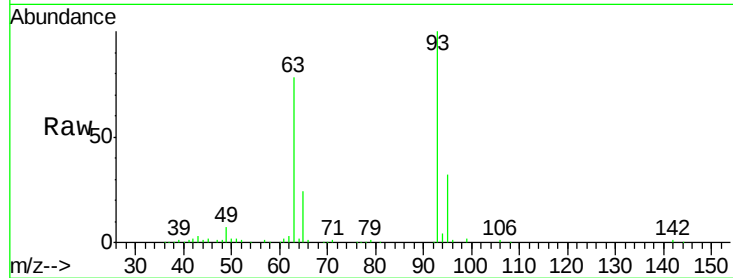
Tgt Ion: 93 Resp: 252274

Ion Ratio Lower Upper

93 100

63 78.1 65.6 105.6

95 32.5 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 37.72 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.23 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

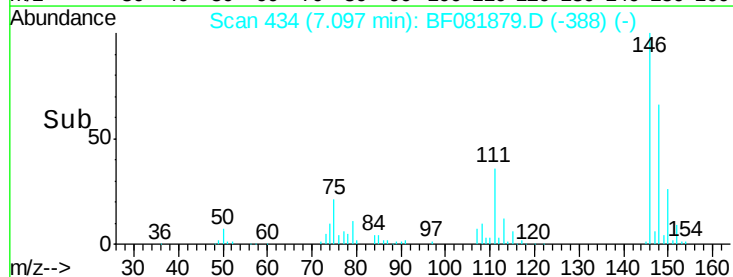
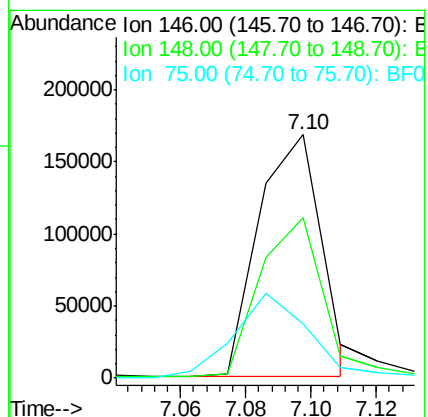
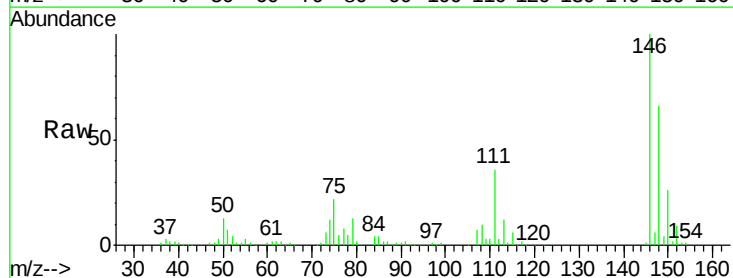
Tgt Ion: 146 Resp: 224451

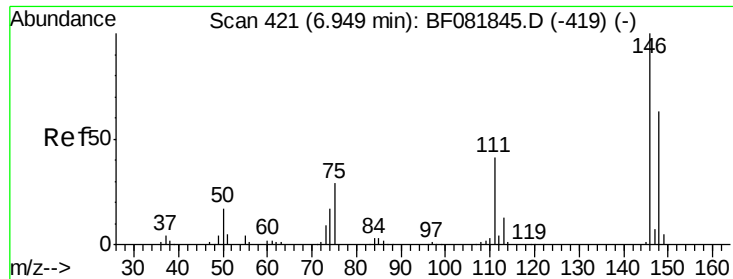
Ion Ratio Lower Upper

146 100

148 65.7 51.0 76.4

75 22.4 15.0 22.6

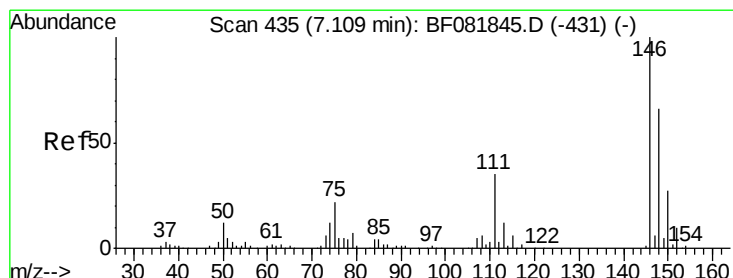
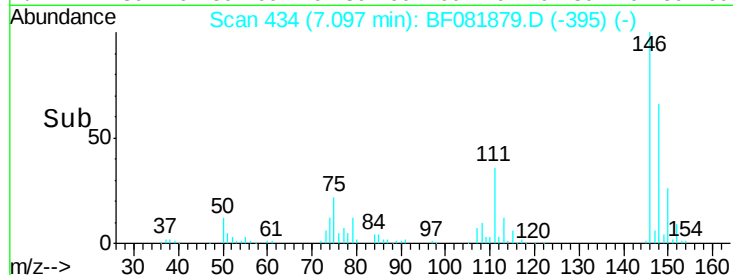
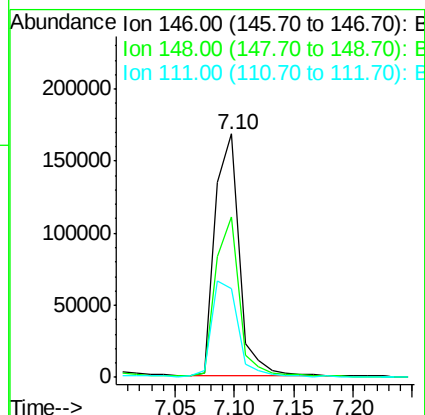
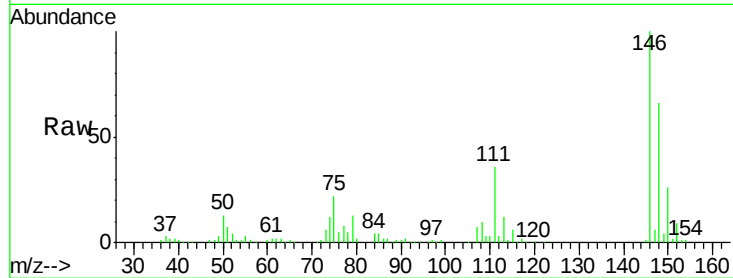




#13
 1,4-Dichlorobenzene
 Concen: 38.41 ng
 RT: 7.10 min Scan# 434
 Delta R.T. 0.15 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

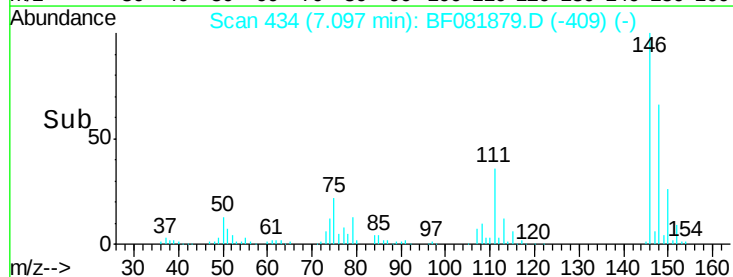
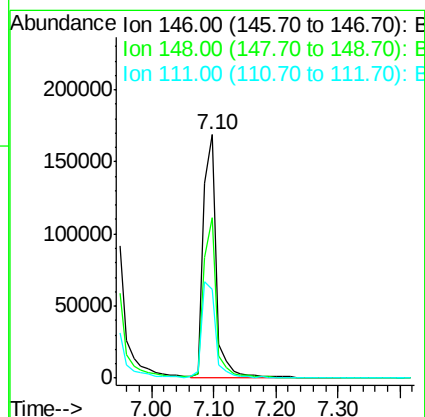
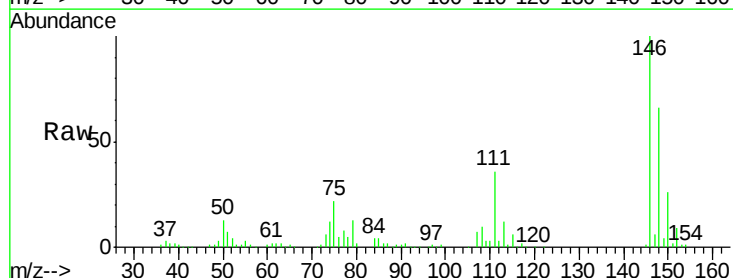
Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

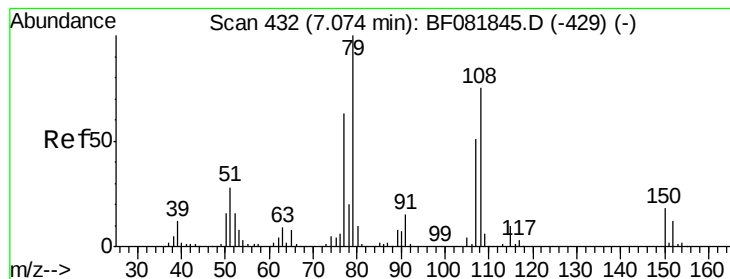
Tgt Ion:146 Resp: 238678
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.8 77.6
 111 36.5 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 44.83 ng
 RT: 7.10 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion:146 Resp: 248214
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.7 79.1
 111 36.5 28.8 43.2





#15

Benzyl Alcohol

Concen: 45.86 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Instrument :

BNA_F

ClientSampleId :

PB85668BS

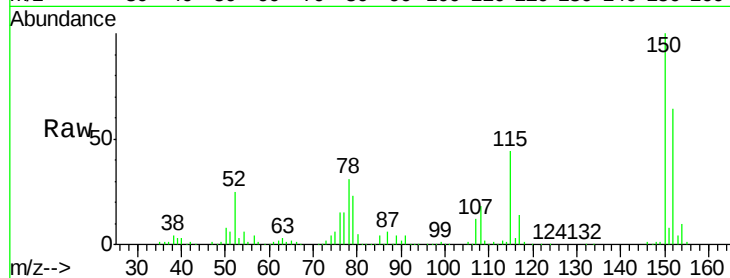
Tgt Ion: 79 Resp: 190050

Ion Ratio Lower Upper

79 100

108 76.2 88.6 132.8#

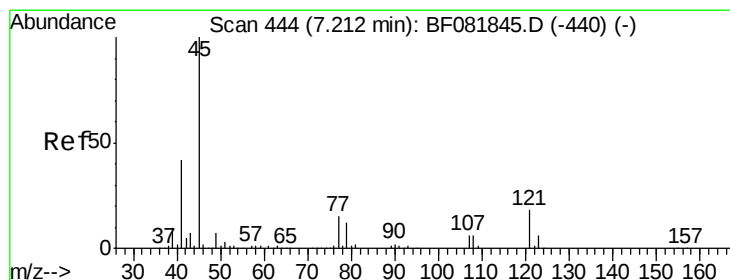
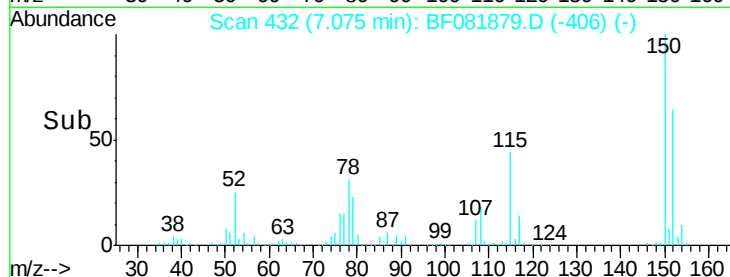
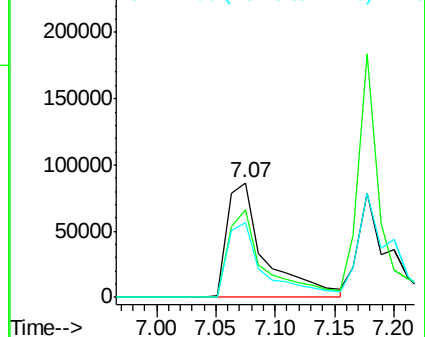
77 65.2 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.09 ng

RT: 7.20 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

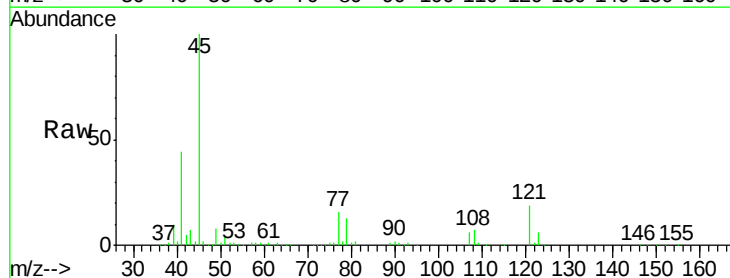
Tgt Ion: 45 Resp: 339497

Ion Ratio Lower Upper

45 100

77 16.1 0.0 28.1

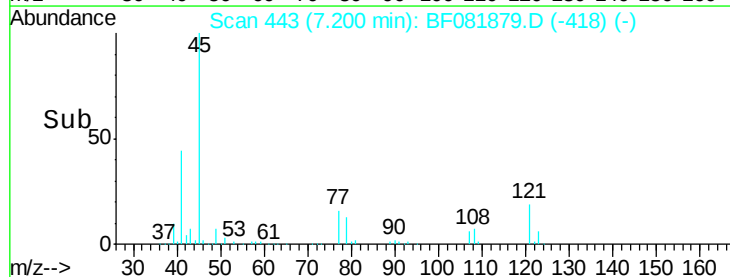
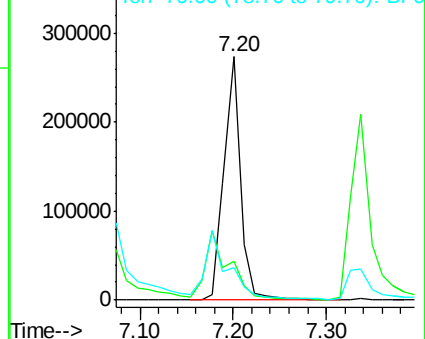
79 13.3 0.0 26.0



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

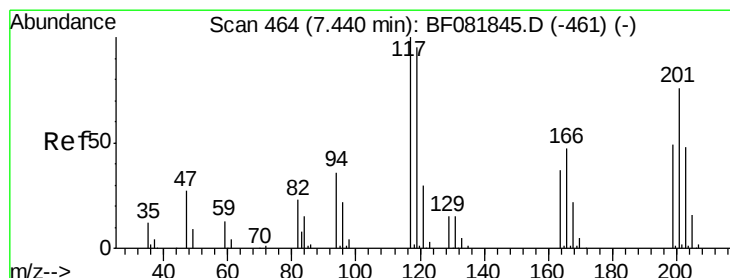
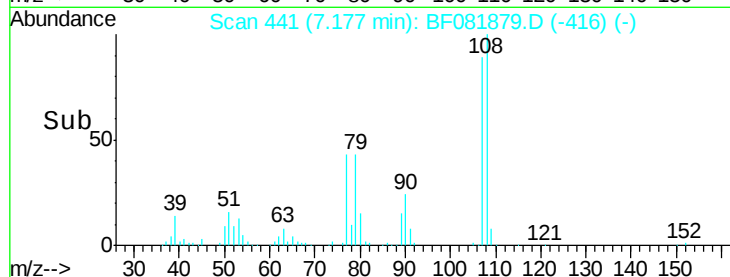
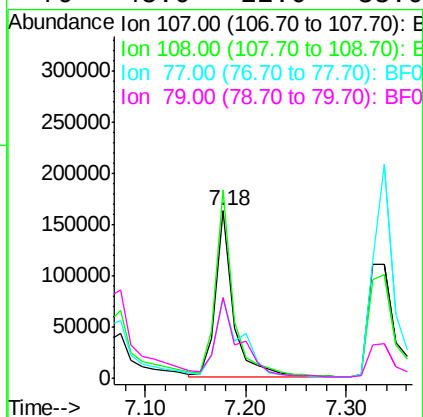
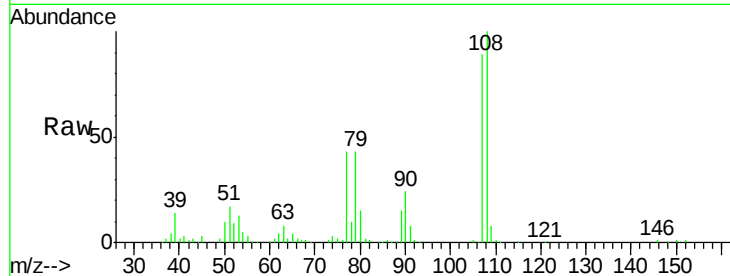




#17
 2-Methylphenol
 Concen: 49.07 ng
 RT: 7.18 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

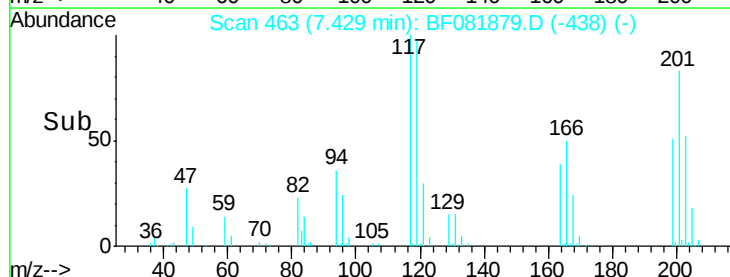
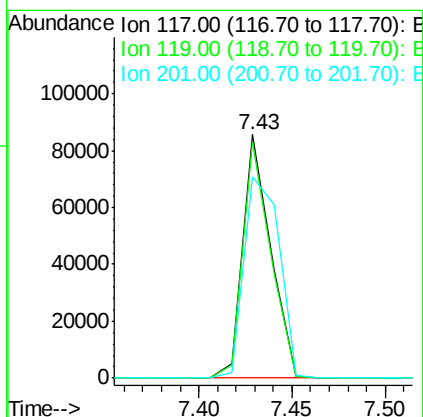
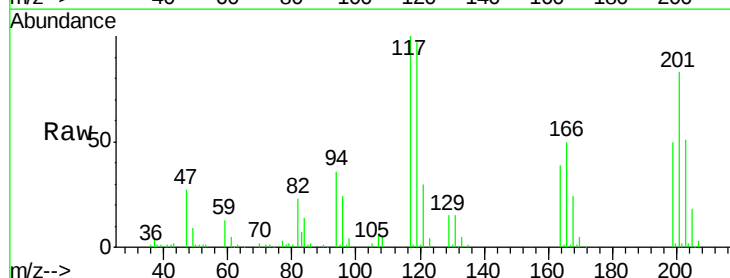
Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

Tgt Ion:	107	Resp:	200415
Ion	Ratio	Lower	Upper
107	100		
108	112.4	96.6	145.0
77	47.8	23.3	34.9#
79	48.0	22.0	33.0#



#18
 Hexachloroethane
 Concen: 45.40 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion:	117	Resp:	88315
Ion	Ratio	Lower	Upper
117	100		
119	96.9	83.8	125.6
201	82.9	55.1	82.7#

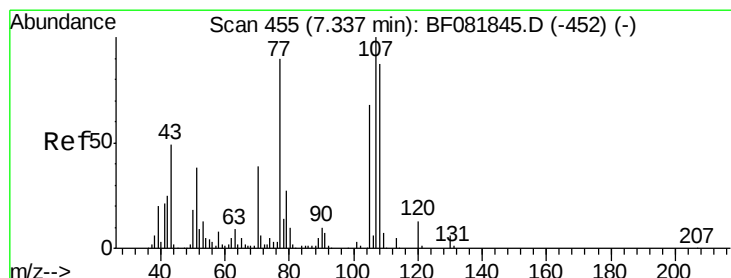
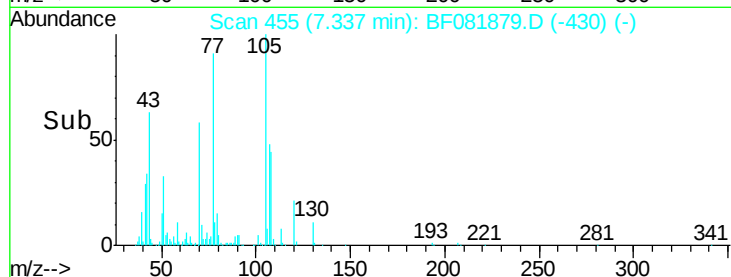
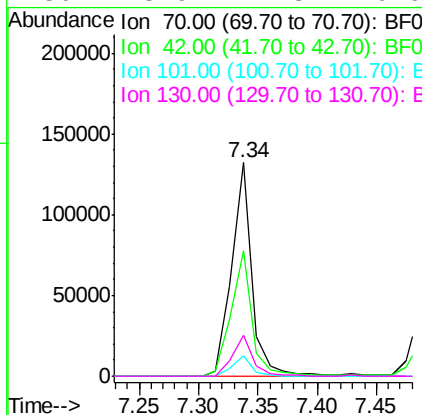
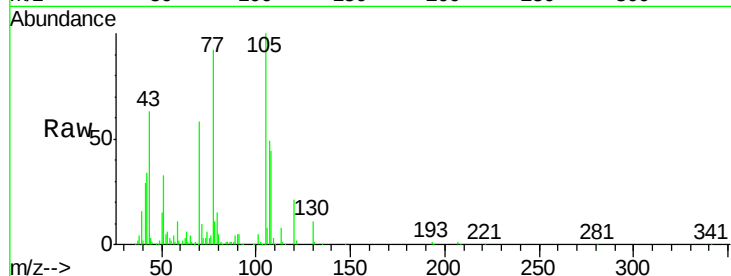




#19
n-Nitroso-di-n-propylamine
Concen: 45.42 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

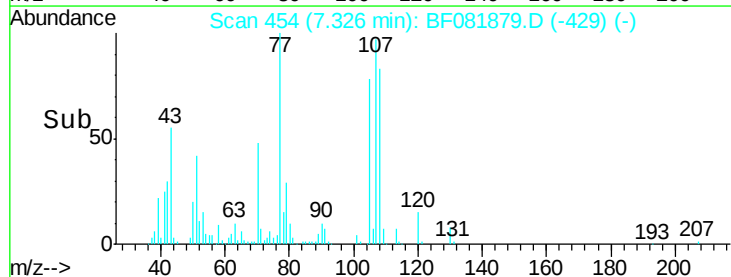
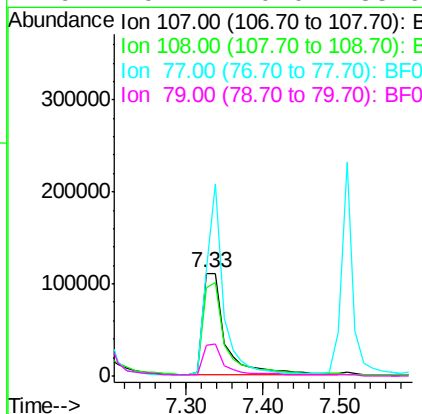
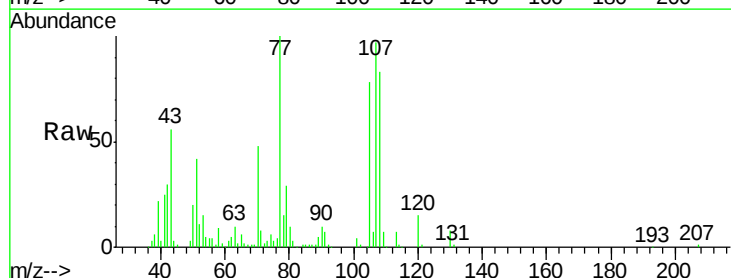
Instrument :
BNA_F
ClientSampleId :
PB85668BS

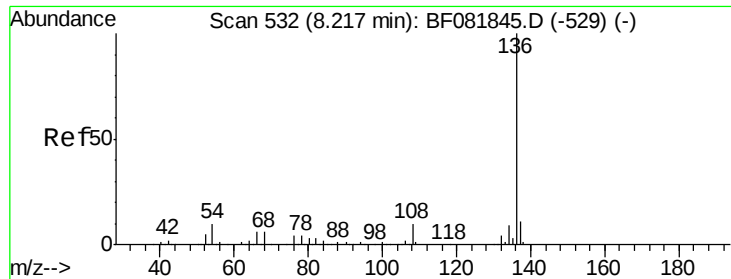
Tgt Ion:	70	Resp:	158451
Ion	Ratio	Lower	Upper
70	100		
42	58.9	63.8	95.6#
101	9.4	9.2	13.8
130	18.9	27.3	40.9#



#20
3+4-Methylphenols
Concen: 43.94 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

Tgt Ion:	107	Resp:	226680
Ion	Ratio	Lower	Upper
107	100		
108	86.0	74.6	114.6
77	103.3	0.7	40.7#
79	29.7	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Instrument :

BNA_F

ClientSampleId :

PB85668BS

Tgt Ion:136 Resp: 339135

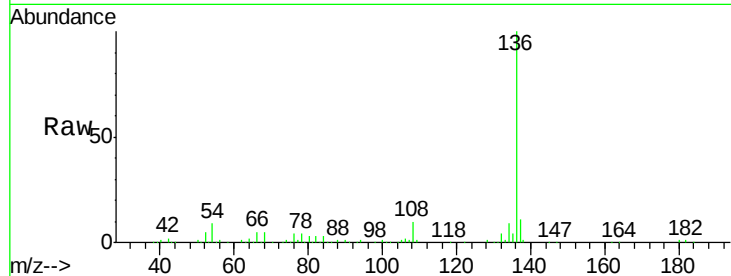
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 9.3 8.2 12.2

68 5.3 5.8 8.6#

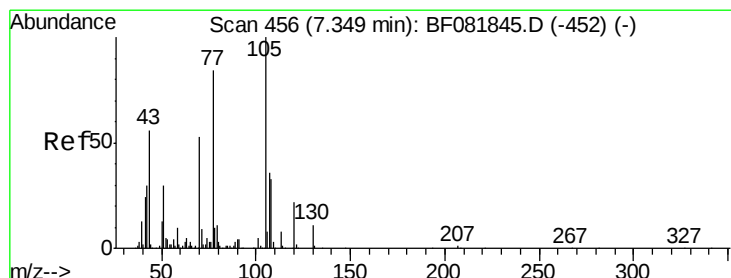
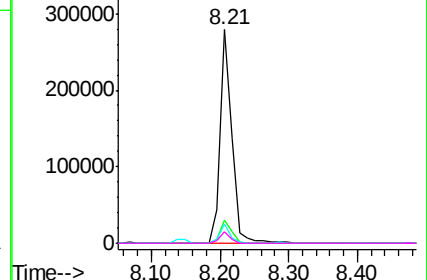
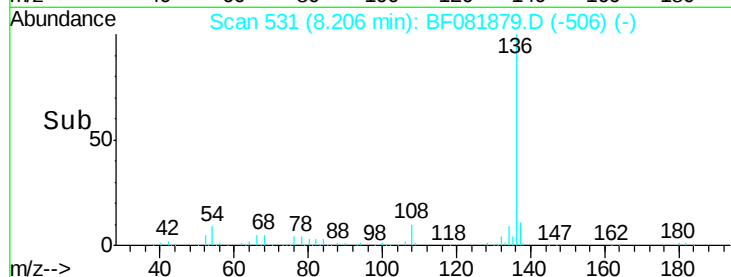


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.30 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Tgt Ion:105 Resp: 321013

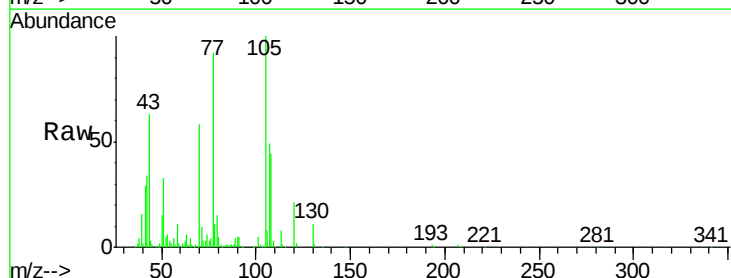
Ion Ratio Lower Upper

105 100

71 9.8 4.7 7.1#

51 33.4 22.0 33.0#

120 20.5 30.1 45.1#

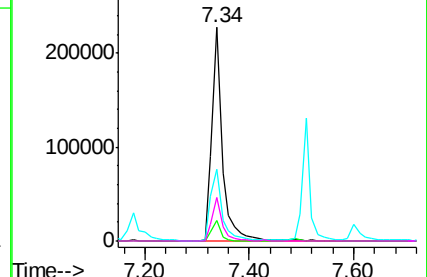
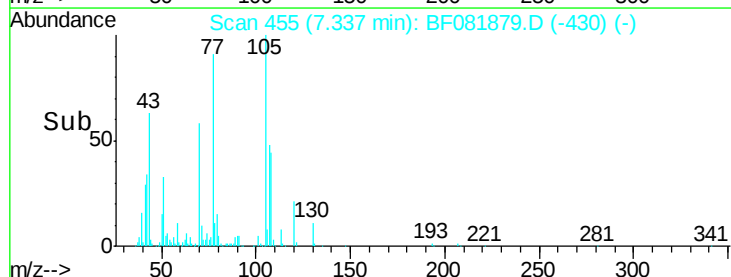


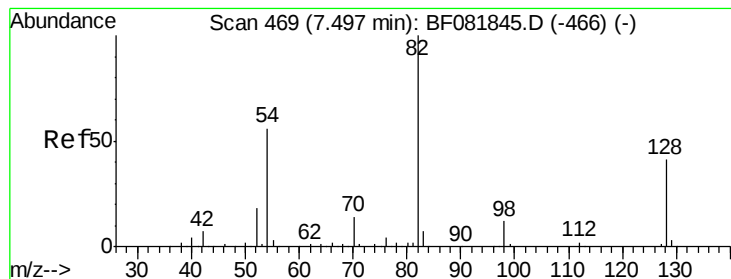
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.70 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Instrument :

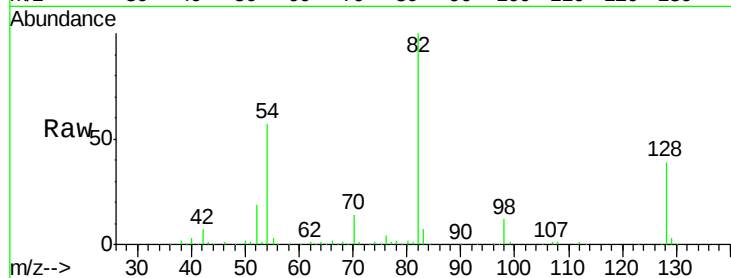
BNA_F

ClientSampleId :

PB85668BS

Tgt Ion: 82 Resp: 456361

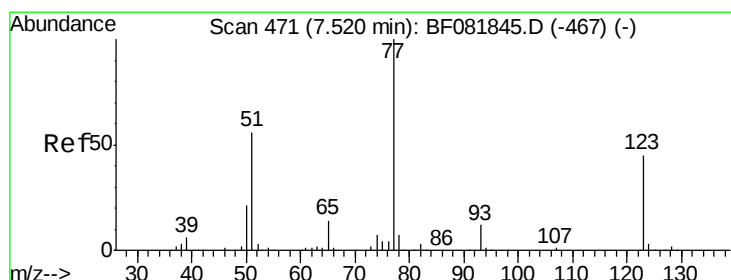
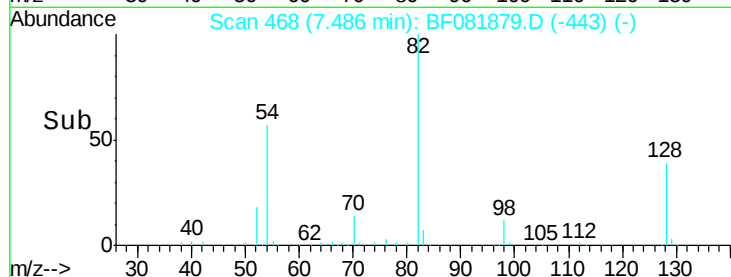
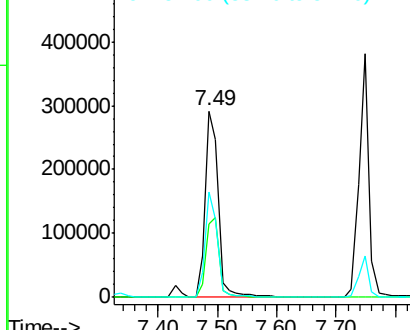
Ion	Ratio	Lower	Upper
82	100		
128	39.2	51.0	76.6#
54	56.9	47.5	71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.33 ng

RT: 7.51 min Scan# 470

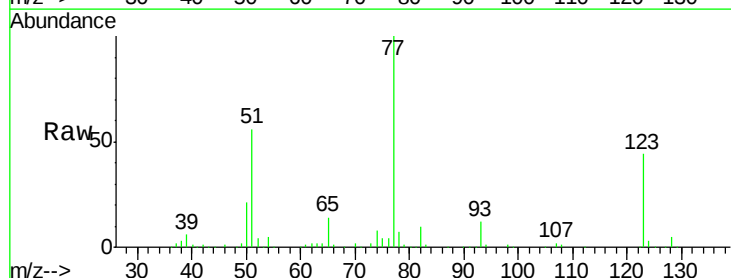
Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Tgt Ion: 77 Resp: 239369

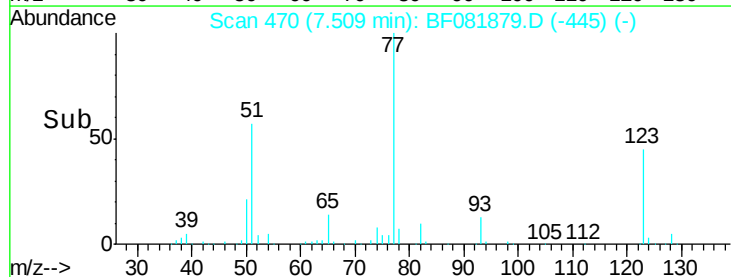
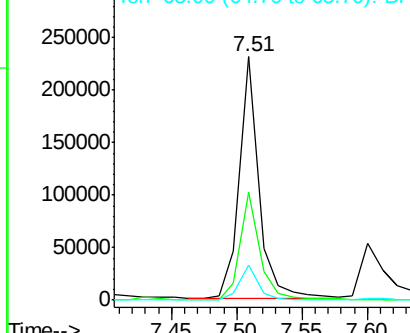
Ion	Ratio	Lower	Upper
77	100		
123	44.2	59.8	89.8#
65	14.1	10.2	15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.87 ng

RT: 7.75 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Instrument :

BNA_F

ClientSampleId :

PB85668BS

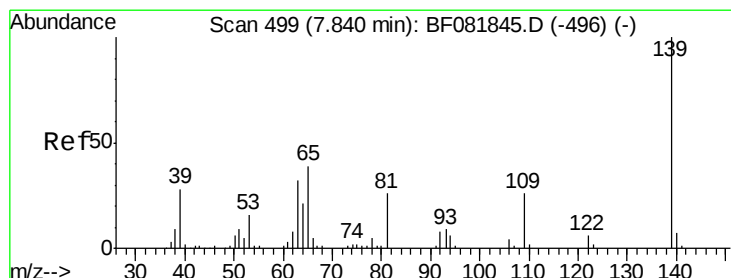
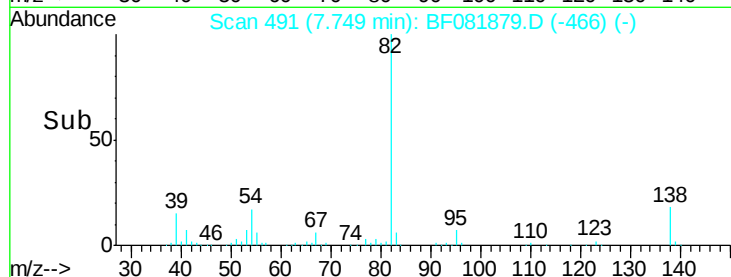
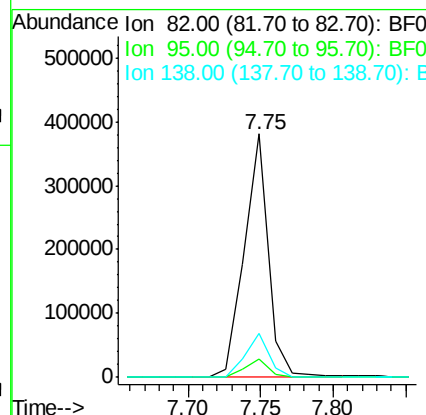
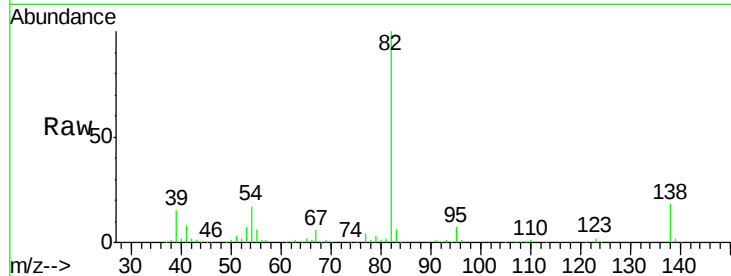
Tgt Ion: 82 Resp: 442394

Ion Ratio Lower Upper

82 100

95 7.5 4.0 6.0#

138 18.2 18.3 27.5#



#26

2-Nitrophenol

Concen: 48.39 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

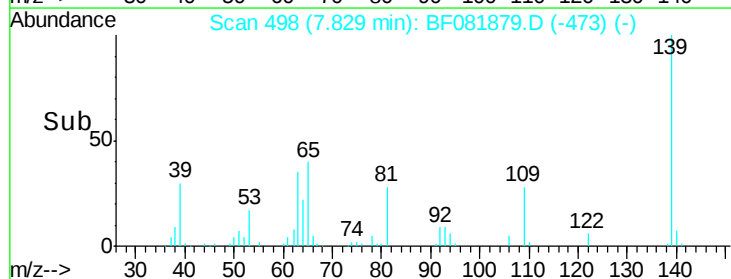
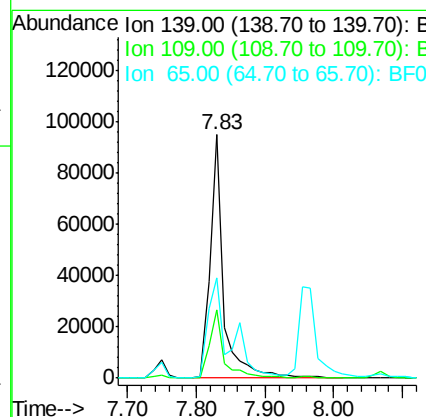
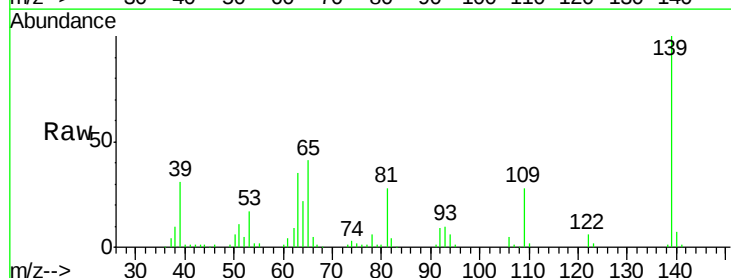
Tgt Ion: 139 Resp: 128324

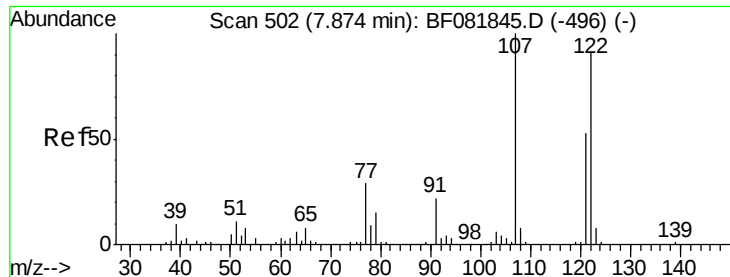
Ion Ratio Lower Upper

139 100

109 27.8 11.0 16.4#

65 41.1 24.7 37.1#

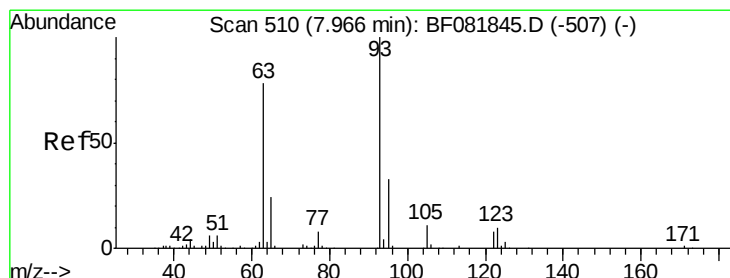
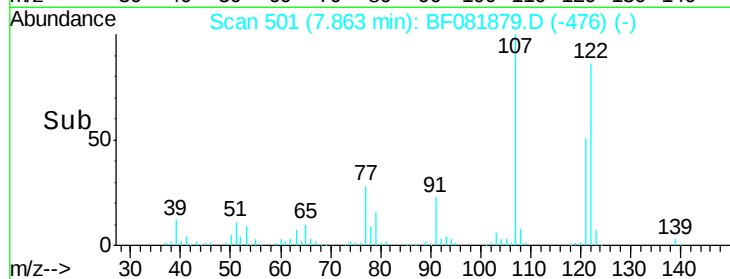
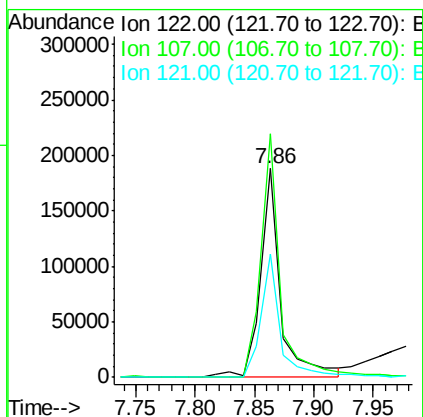
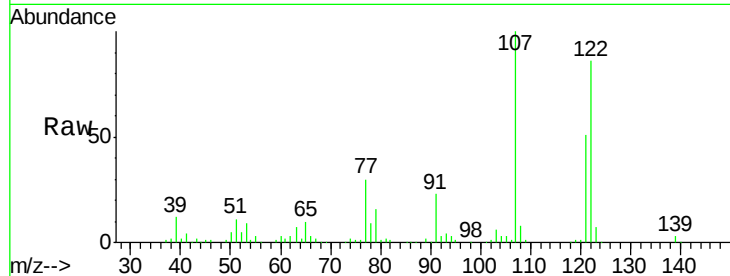




#27
 2,4-Dimethylphenol
 Concen: 47.98 ng
 RT: 7.86 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

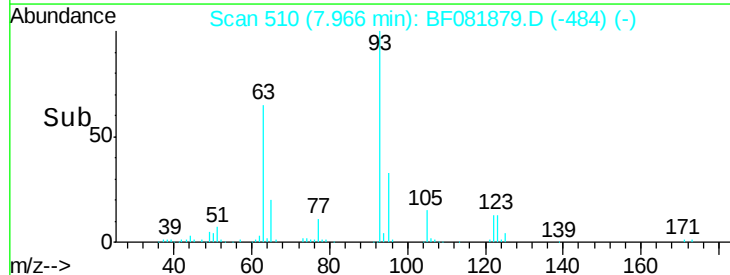
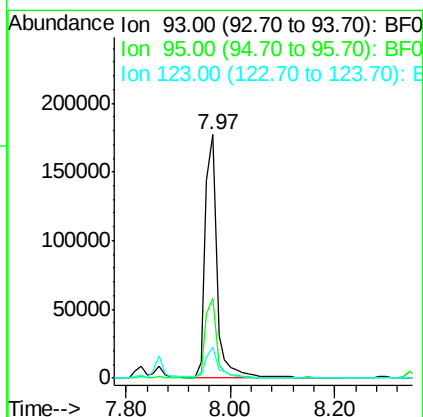
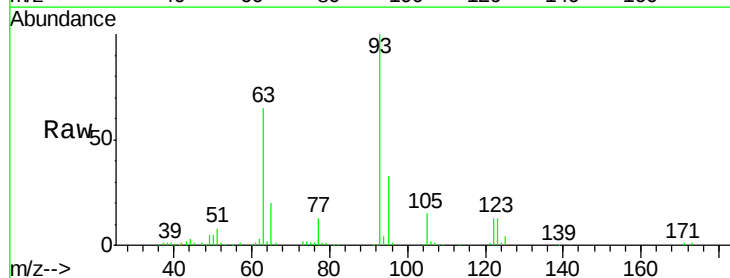
Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

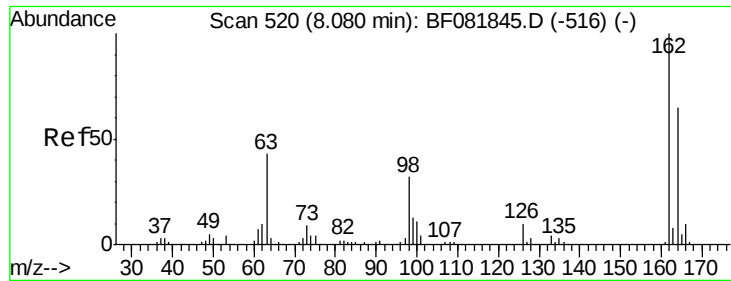
Tgt Ion: 122 Resp: 223807
 Ion Ratio Lower Upper
 122 100
 107 116.7 71.8 107.6#
 121 59.0 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.38 ng
 RT: 7.97 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion: 93 Resp: 277720
 Ion Ratio Lower Upper
 93 100
 95 32.7 27.5 41.3
 123 13.0 13.7 20.5#

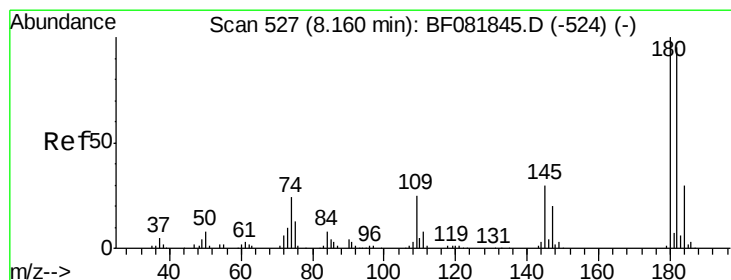
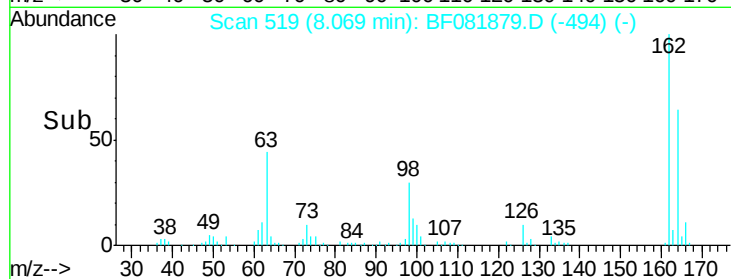
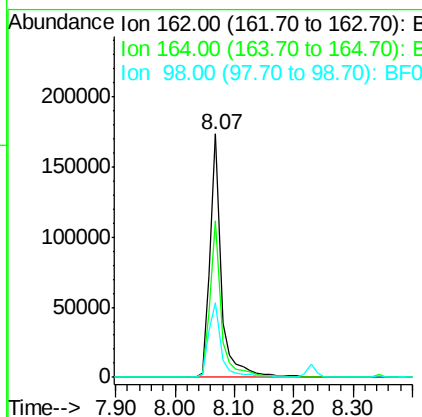
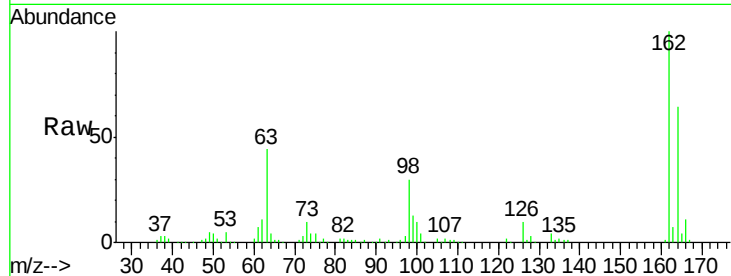




#29
 2,4-Dichlorophenol
 Concen: 51.73 ng
 RT: 8.07 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

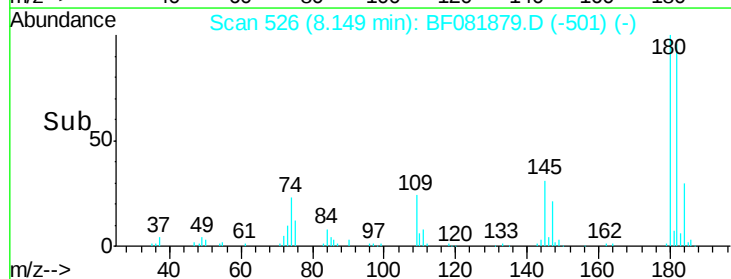
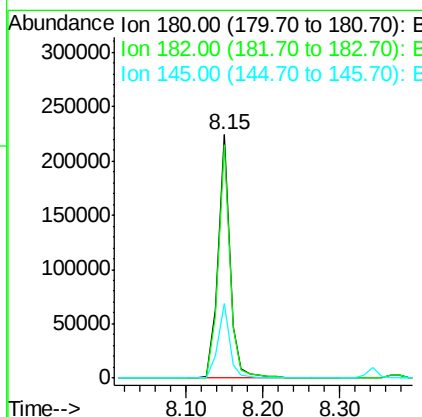
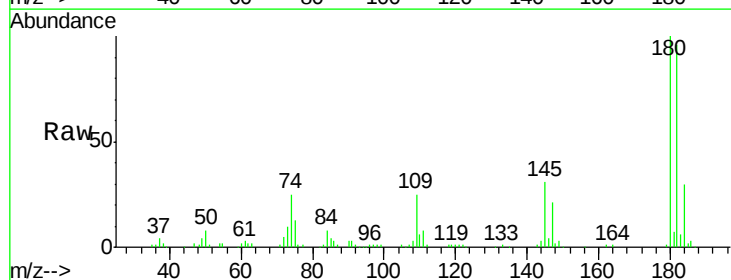
Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

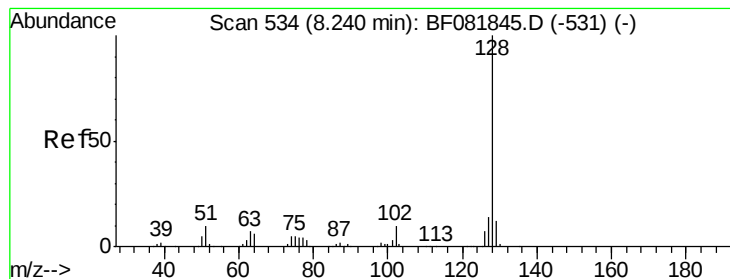
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	233995		
164	64.5		44.9	84.9
98	30.5		13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 48.37 ng
 RT: 8.15 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	244244		
182	95.8		77.1	115.7
145	30.9		23.3	34.9





#31

Naphthalene

Concen: 43.62 ng

RT: 8.23 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Instrument :

BNA_F

ClientSampleId :

PB85668BS

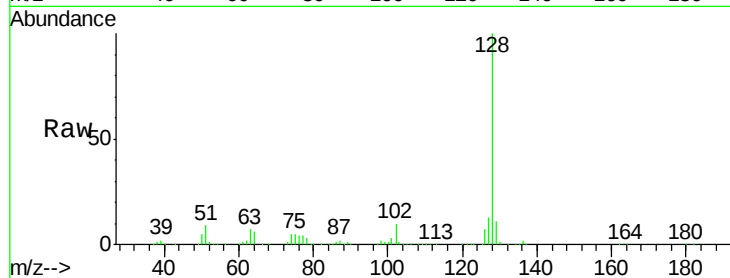
Tgt Ion:128 Resp: 655421

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

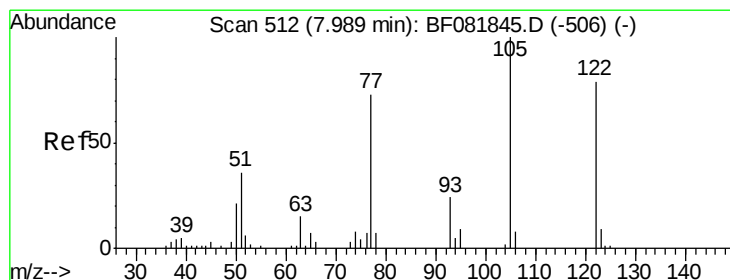
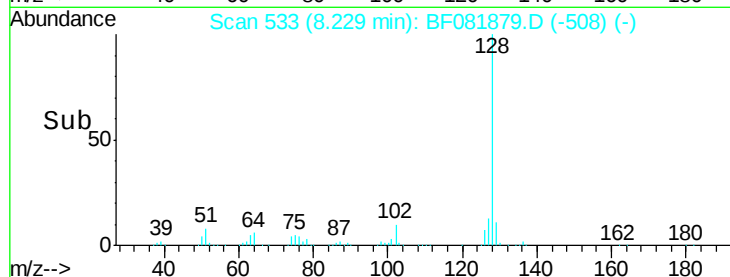
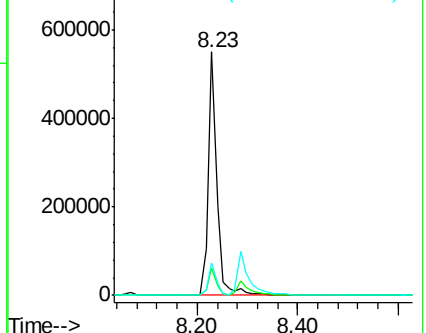
127 13.1 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.60 ng

RT: 7.99 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

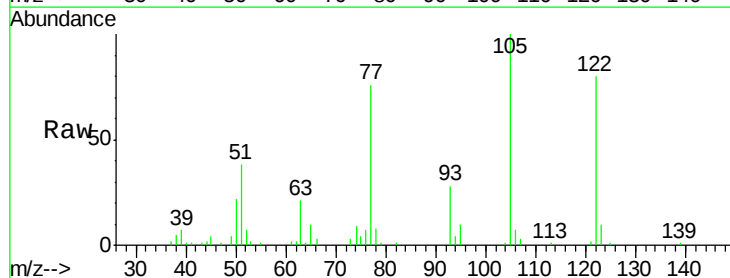
Tgt Ion:122 Resp: 116147

Ion Ratio Lower Upper

122 100

105 124.4 76.1 116.1#

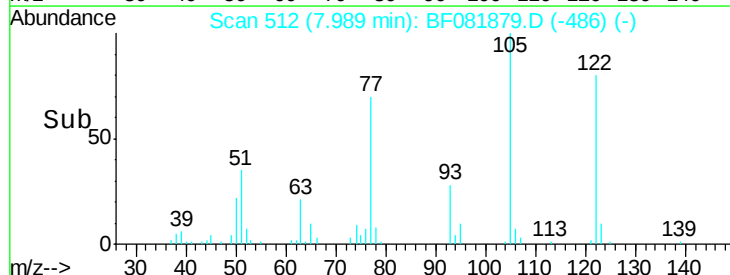
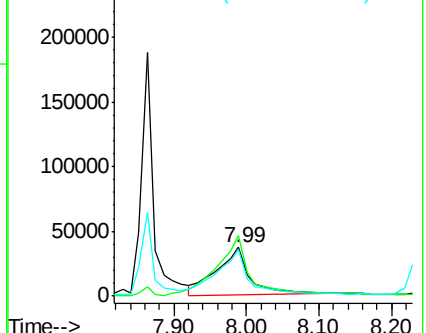
77 94.2 40.5 80.5#

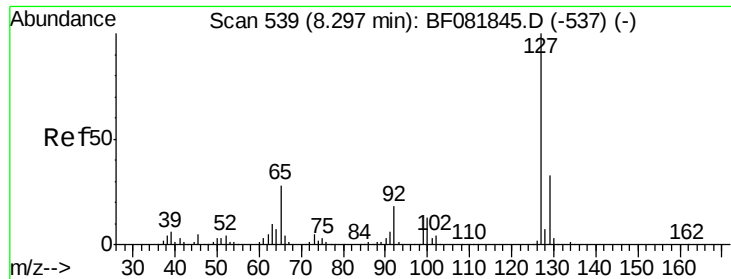


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

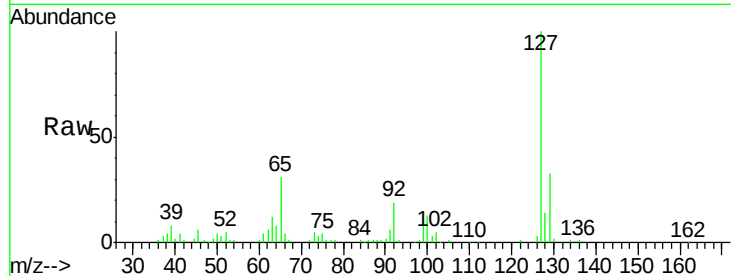




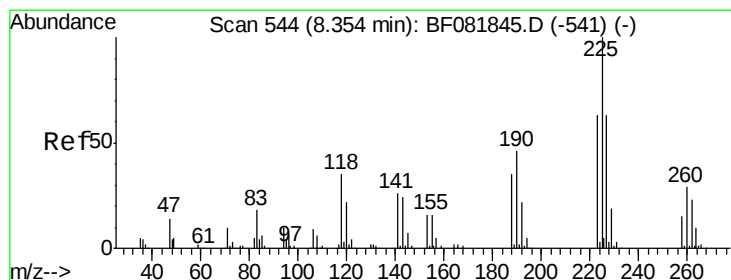
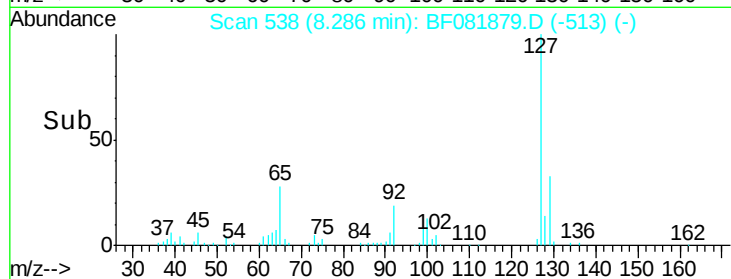
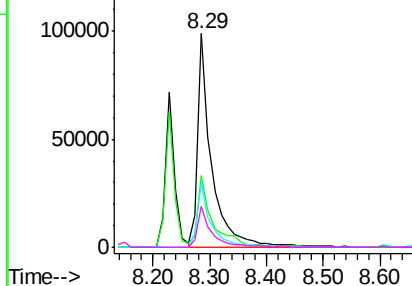
#33
4-Chloroaniline
Concen: 25.88 ng
RT: 8.29 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

Instrument :
BNA_F
ClientSampleId :
PB85668BS

Tgt Ion:	127	Resp:	168194
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.8	38.6
65	30.7	17.9	26.9#
92	19.1	10.5	15.7#

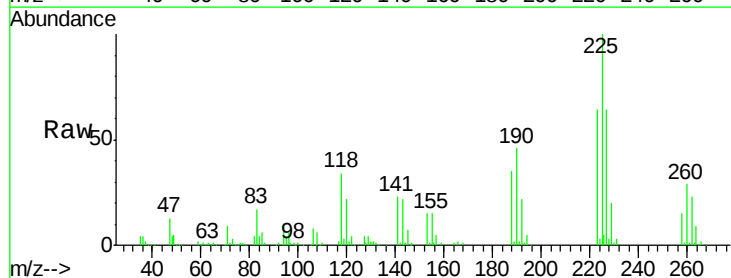


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

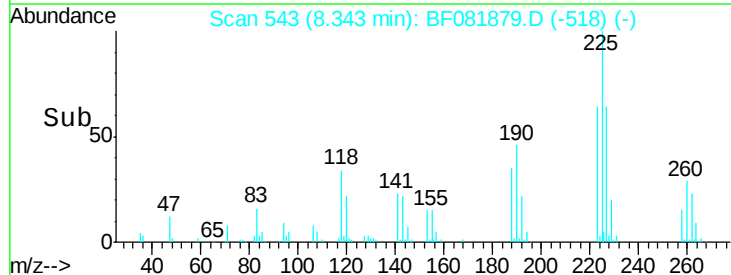
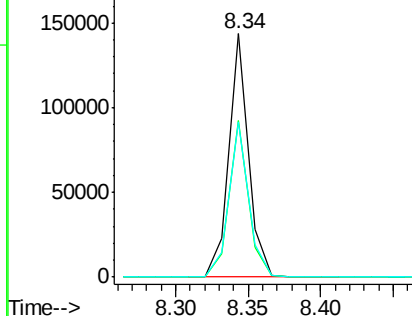


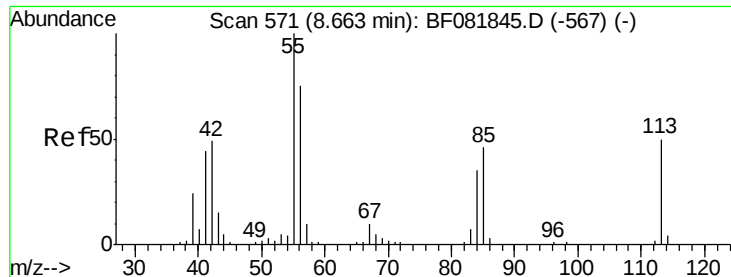
#34
Hexachlorobutadiene
Concen: 45.23 ng
RT: 8.34 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

Tgt Ion:	225	Resp:	135078
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.2	75.2
227	64.0	52.2	78.2



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

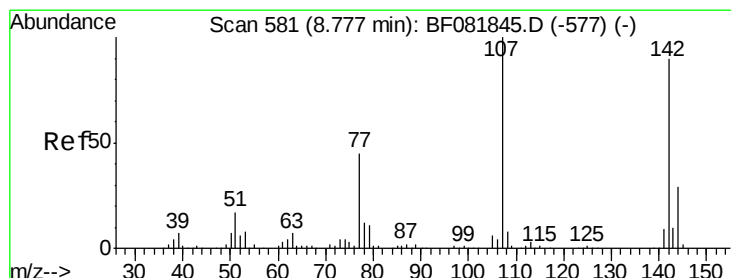
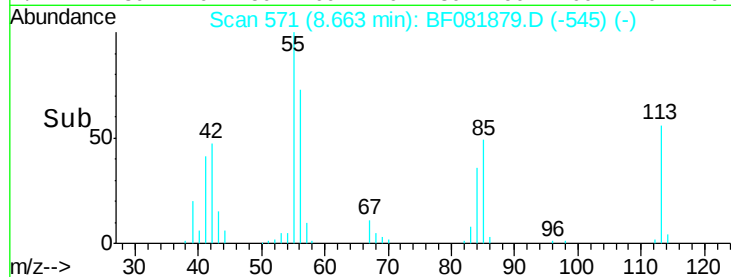
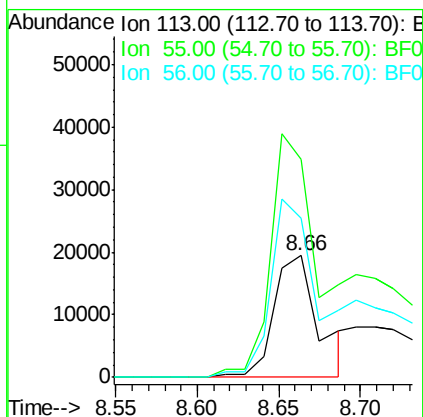
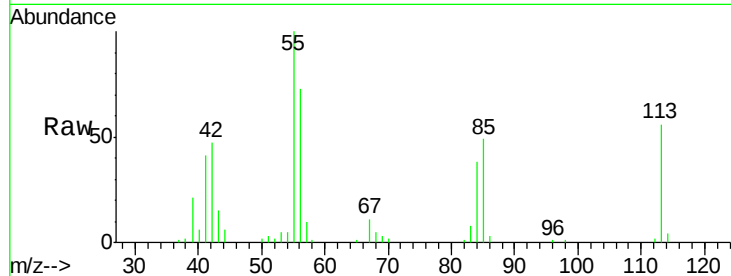




#35
 Caprolactam
 Concen: 29.82 ng
 RT: 8.66 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

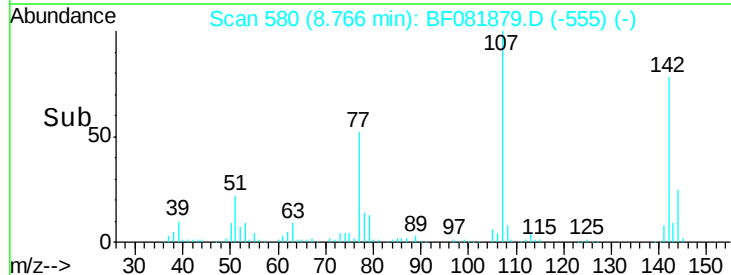
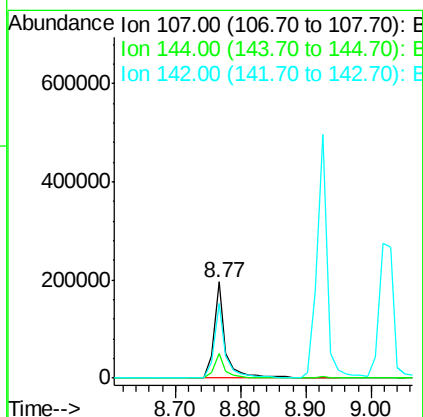
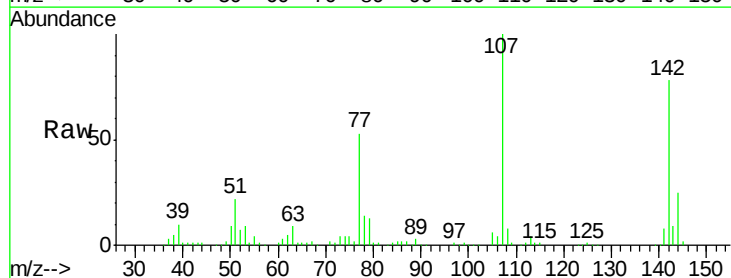
Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

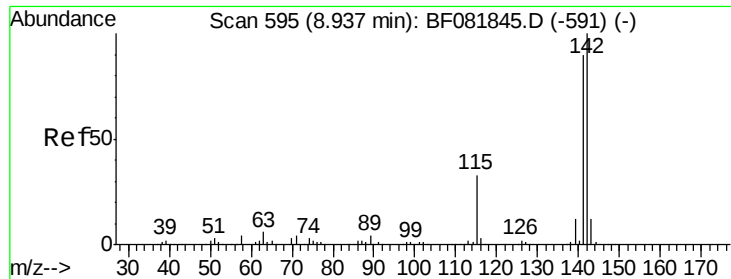
Tgt Ion:113 Resp: 37345
 Ion Ratio Lower Upper
 113 100
 55 180.0 152.4 192.4
 56 131.3 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 55.20 ng
 RT: 8.77 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion:107 Resp: 244163
 Ion Ratio Lower Upper
 107 100
 144 25.1 25.4 38.0#
 142 77.9 77.3 115.9

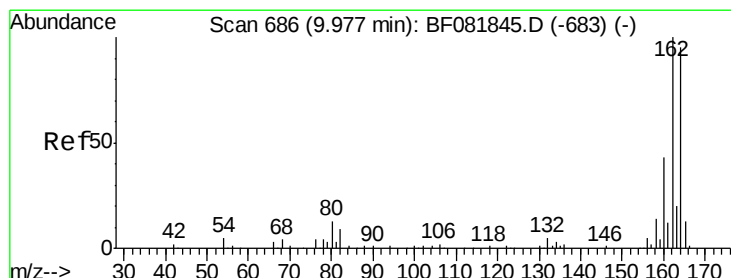
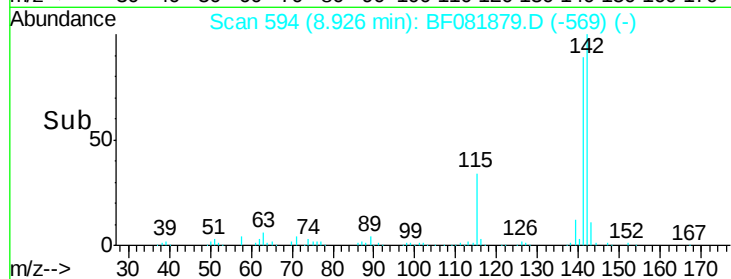
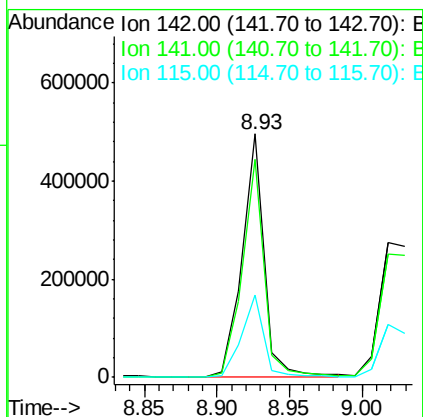
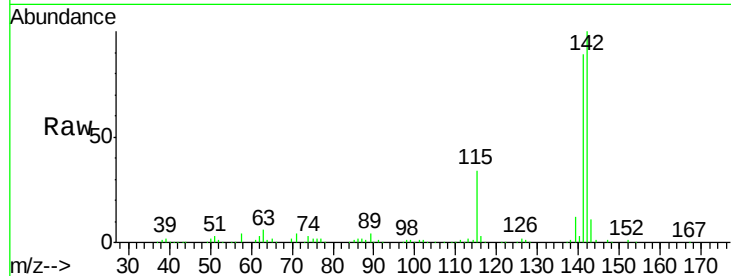




#37
 2-Methylnaphthalene
 Concen: 51.39 ng
 RT: 8.93 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

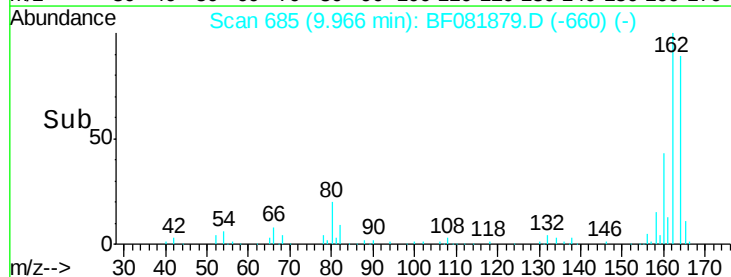
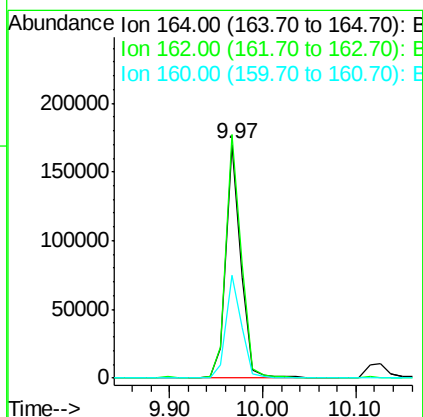
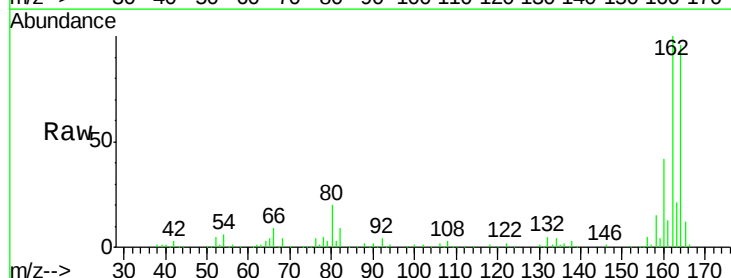
Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

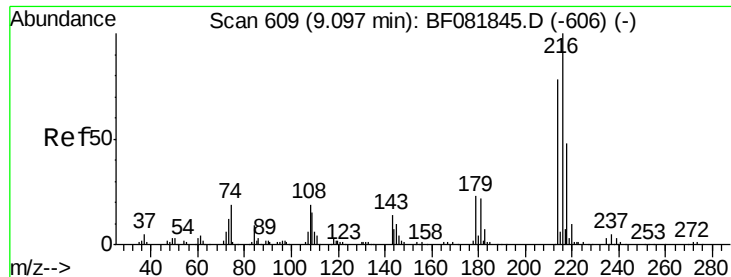
Tgt Ion:142 Resp: 527169
 Ion Ratio Lower Upper
 142 100
 141 89.4 67.5 101.3
 115 33.9 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion:164 Resp: 190303
 Ion Ratio Lower Upper
 164 100
 162 104.2 75.2 112.8
 160 44.2 31.5 47.3

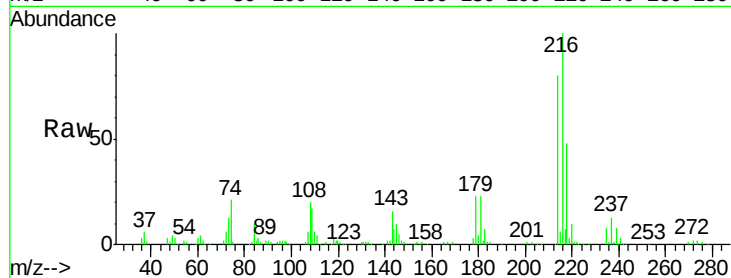




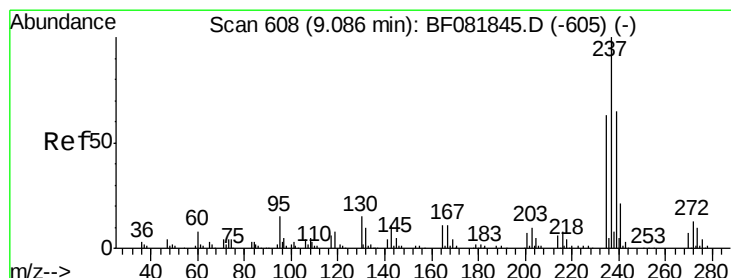
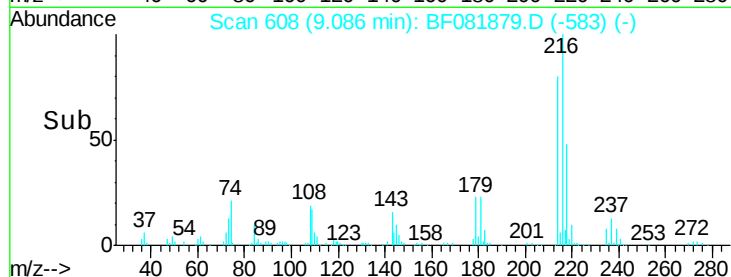
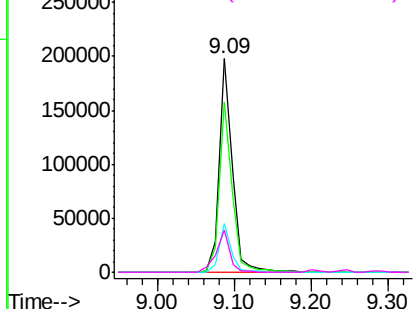
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.23 ng
 RT: 9.09 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

Tgt Ion:	216	Resp:	235049
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.5	95.3
179	21.4	16.6	24.8
108	20.4	16.3	24.5

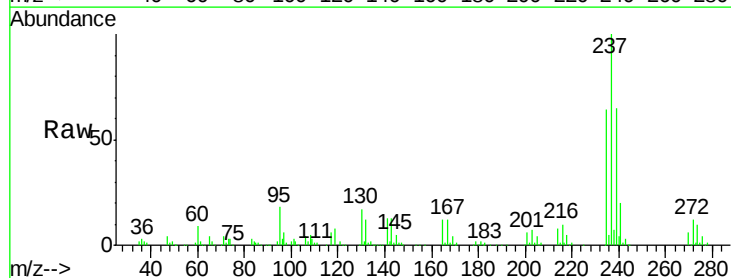


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

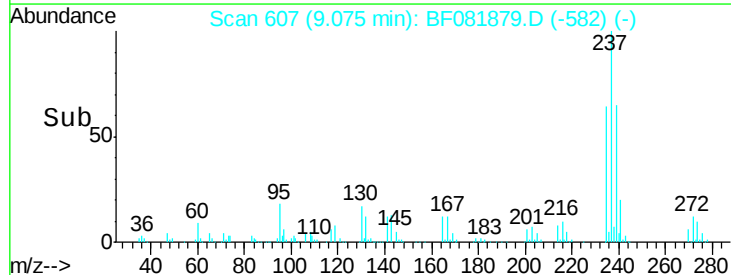
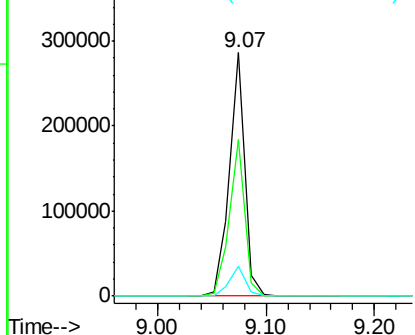


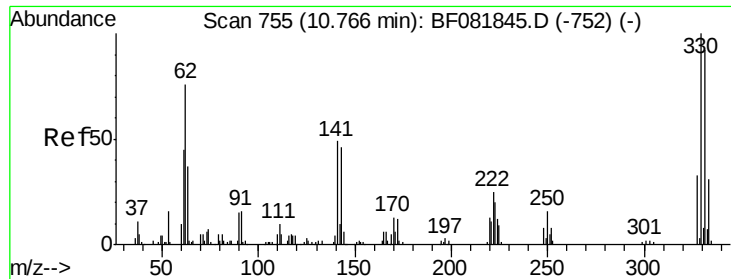
#40
 Hexachlorocyclopentadiene
 Concen: 92.96 ng
 RT: 9.07 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion:	237	Resp:	279685
Ion	Ratio	Lower	Upper
237	100		
235	64.3	42.0	82.0
272	12.3	0.0	36.1



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

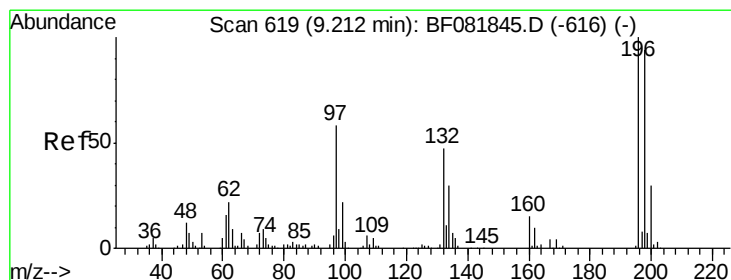
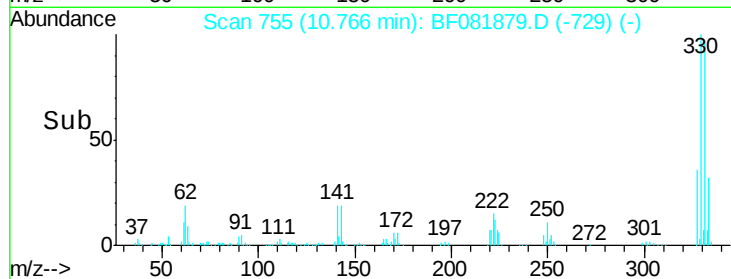
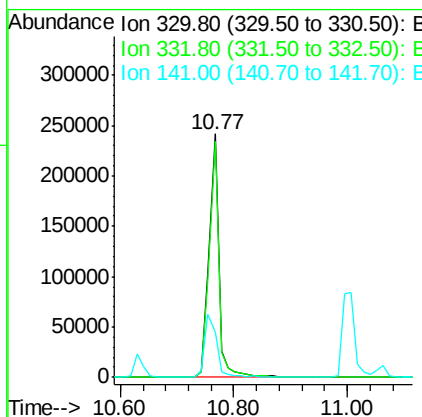
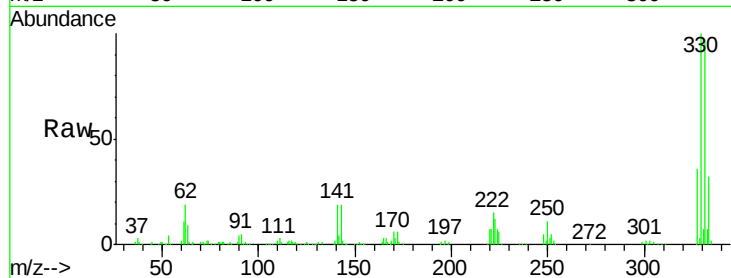




#41
 2,4,6-Tribromophenol
 Concen: 144.84 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

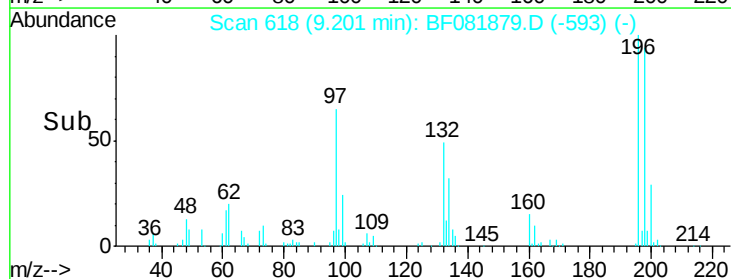
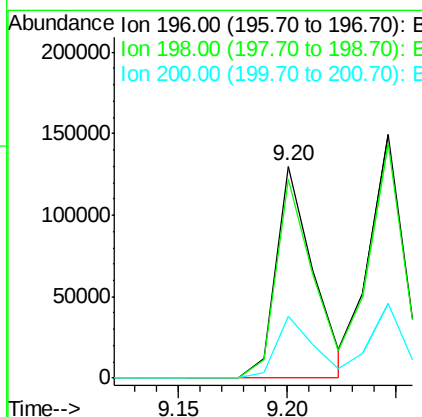
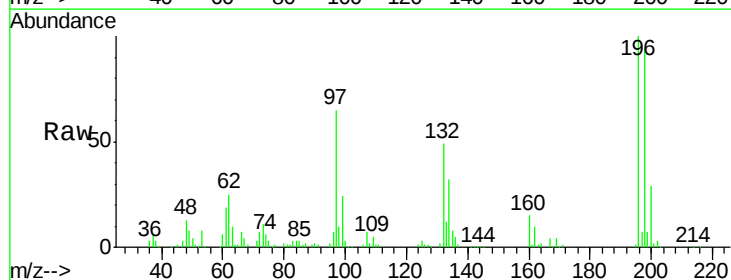
Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

Tgt Ion:330 Resp: 279157
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 31.5 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 38.80 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion:196 Resp: 155386
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.7 113.5
 200 29.4 23.9 35.9

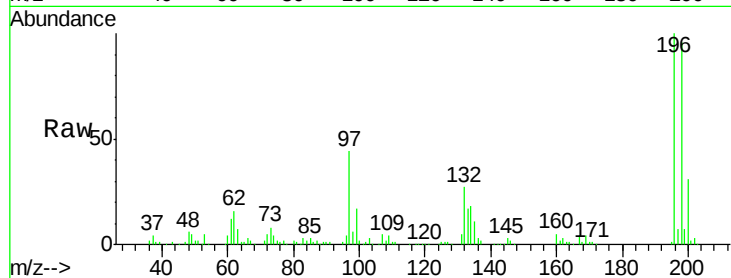




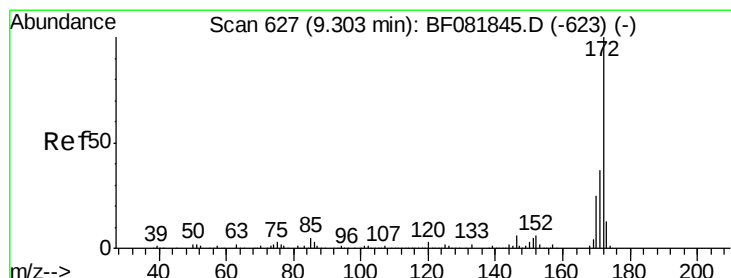
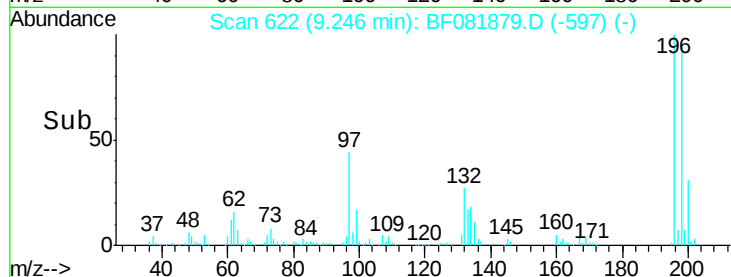
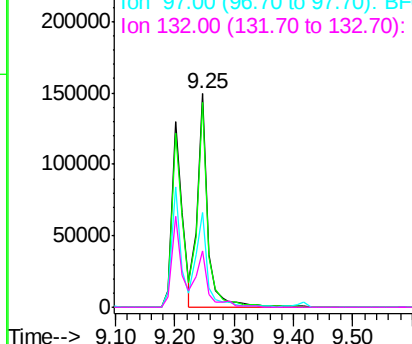
#43
 2,4,5-Trichlorophenol
 Concen: 45.90 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

Tgt Ion:196 Resp: 189074
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.4 113.0
 97 44.4 33.3 49.9
 132 26.5 24.6 37.0

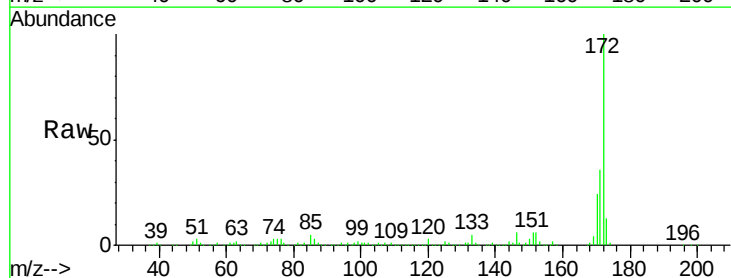


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

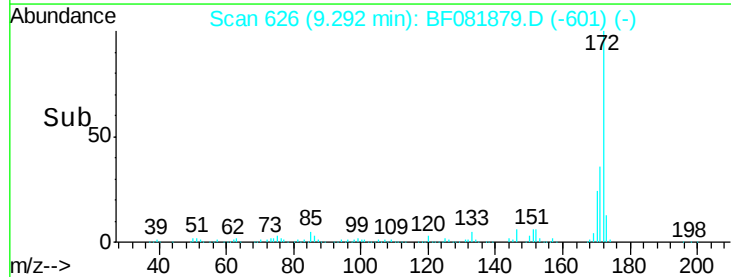
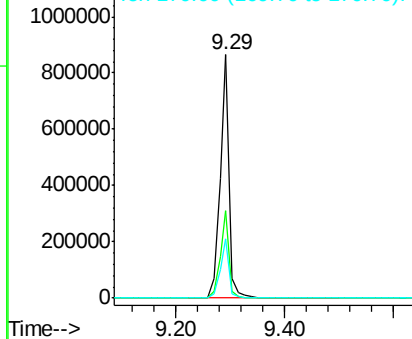


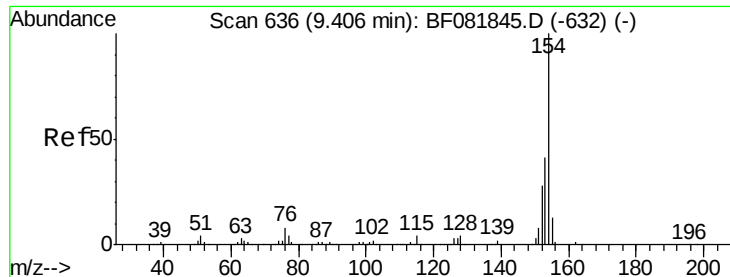
#44
 2-Fluorobiphenyl
 Concen: 89.81 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion:172 Resp: 1010199
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 24.2 17.4 26.2



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

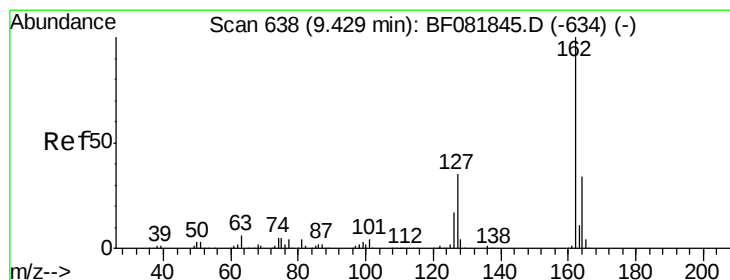
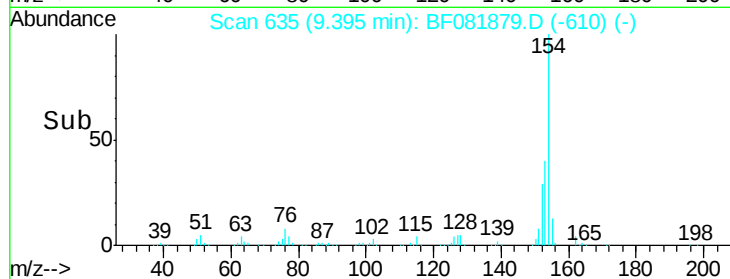
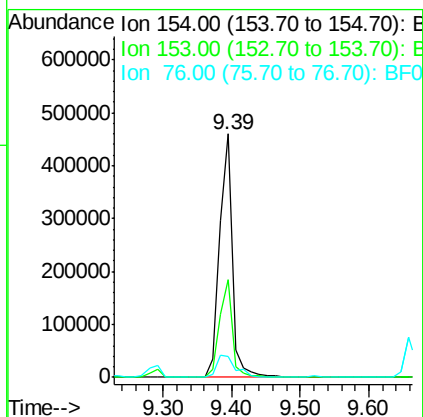
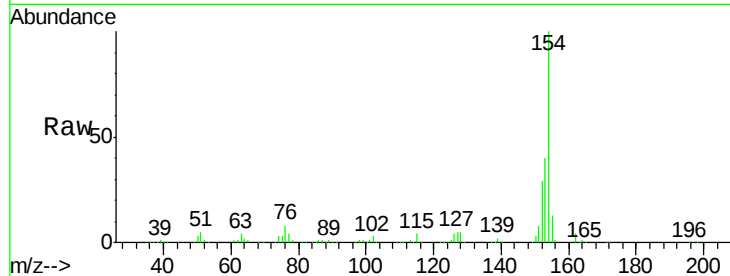




#45
 1,1'-Biphenyl
 Concen: 41.52 ng
 RT: 9.39 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

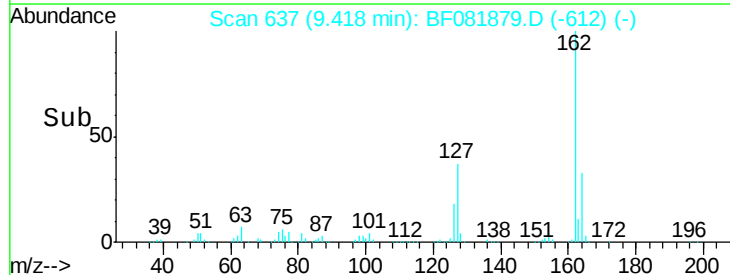
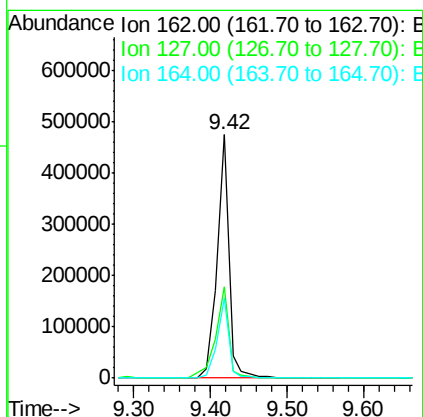
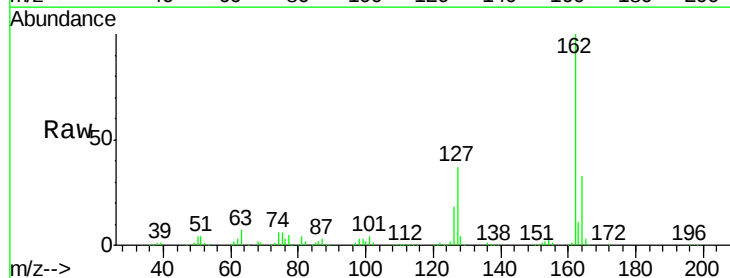
Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

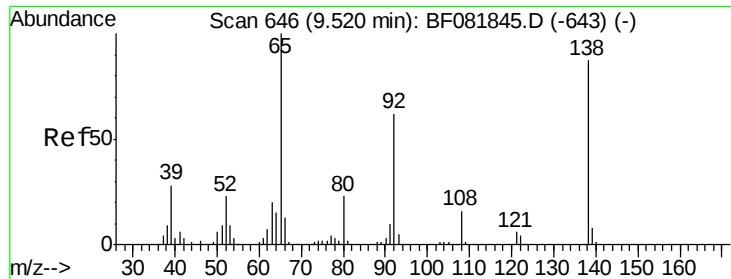
Tgt Ion:154 Resp: 609520
 Ion Ratio Lower Upper
 154 100
 153 40.4 17.1 57.1
 76 8.4 0.0 31.6



#46
 2-Chloronaphthalene
 Concen: 43.91 ng
 RT: 9.42 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion:162 Resp: 506211
 Ion Ratio Lower Upper
 162 100
 127 37.4 27.6 41.4
 164 32.7 25.4 38.2

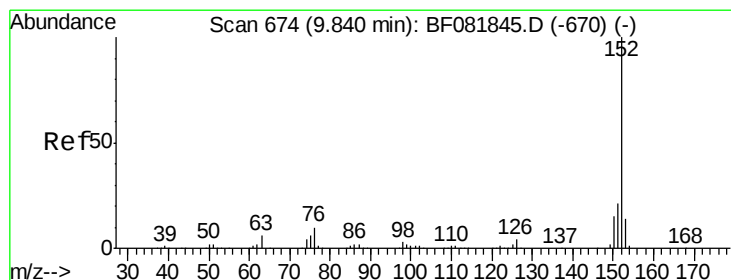
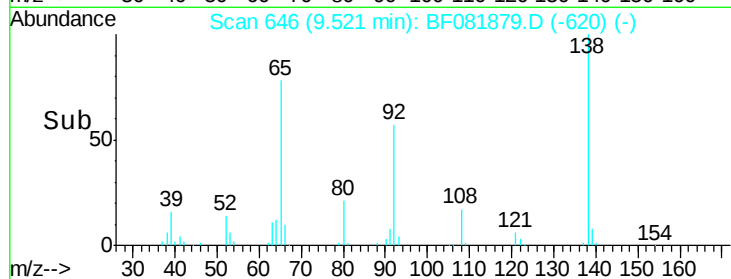
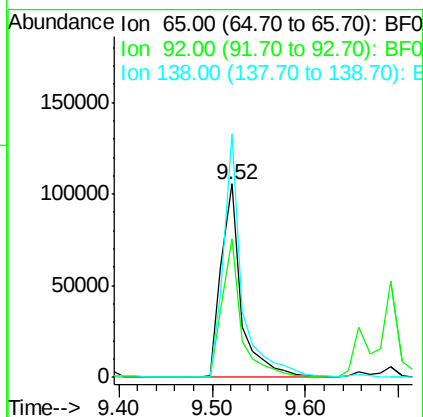
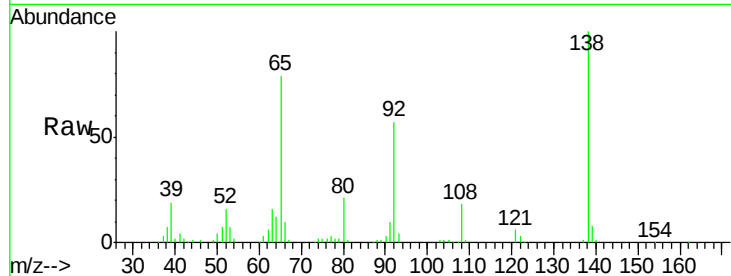




#47
 2-Nitroaniline
 Concen: 46.92 ng
 RT: 9.52 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

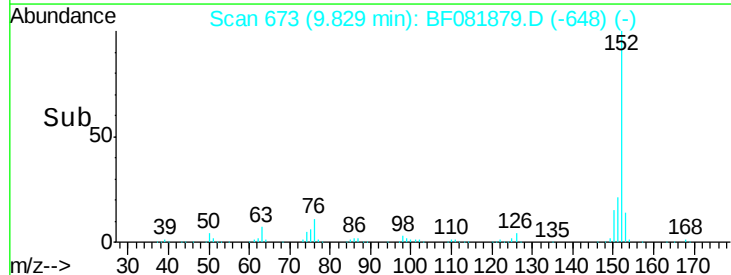
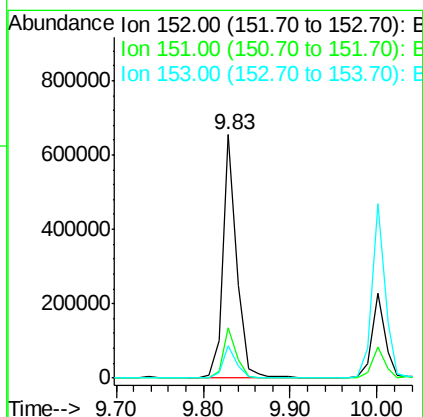
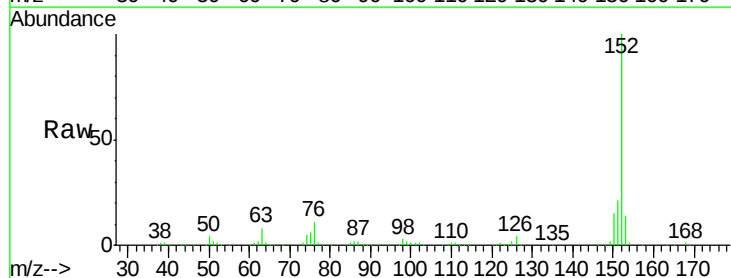
Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

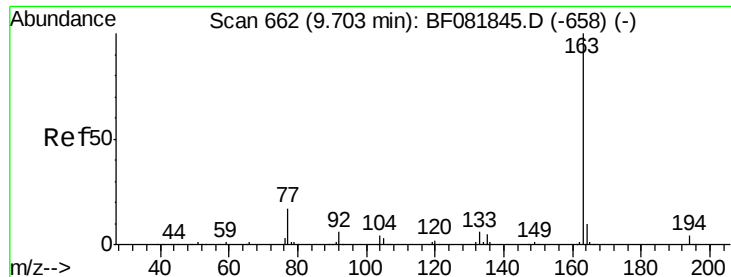
Tgt Ion: 65 Resp: 158786
 Ion Ratio Lower Upper
 65 100
 92 71.7 55.4 83.0
 138 125.8 115.5 173.3



#48
 Acenaphthylene
 Concen: 39.70 ng
 RT: 9.83 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion: 152 Resp: 732552
 Ion Ratio Lower Upper
 152 100
 151 20.5 14.6 22.0
 153 13.6 10.3 15.5





#49

Dimethylphthalate

Concen: 45.87 ng

RT: 9.69 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Instrument :

BNA_F

ClientSampleId :

PB85668BS

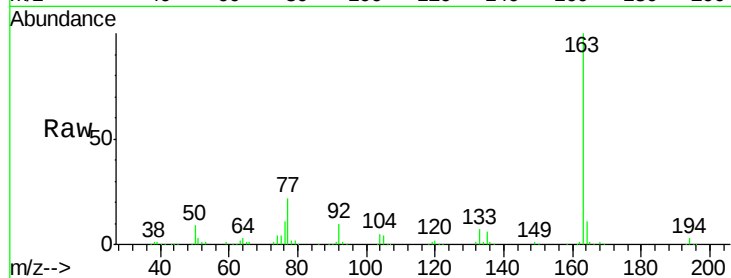
Tgt Ion:163 Resp: 602480

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

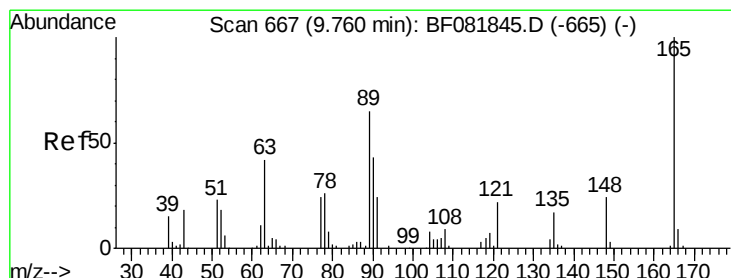
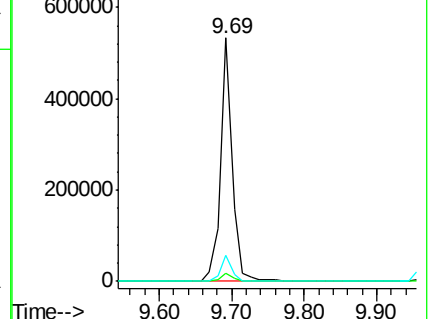
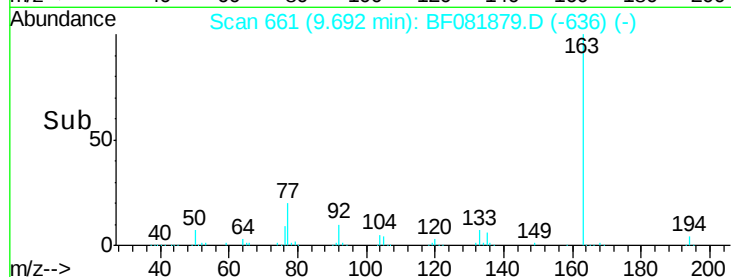
164 10.5 8.3 12.5



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: 50.70 ng

RT: 9.76 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

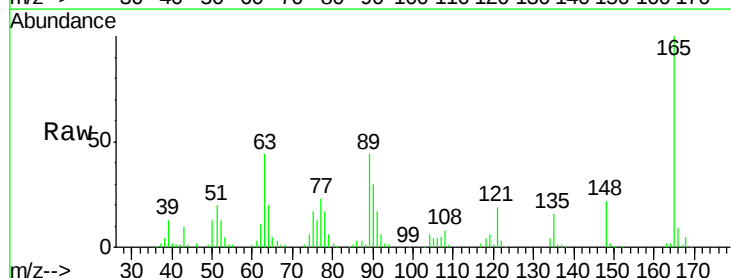
Tgt Ion:165 Resp: 144578

Ion Ratio Lower Upper

165 100

63 43.9 32.3 48.5

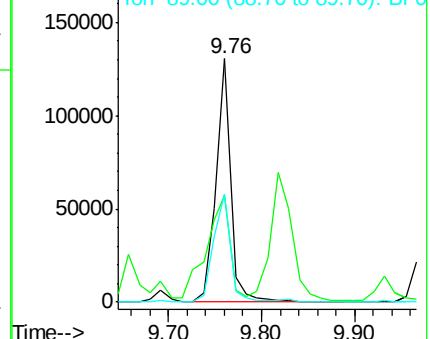
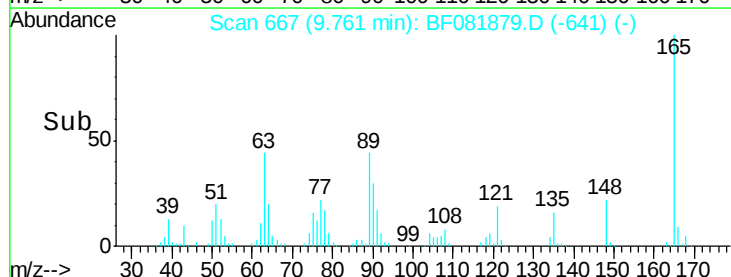
89 44.3 28.6 43.0#

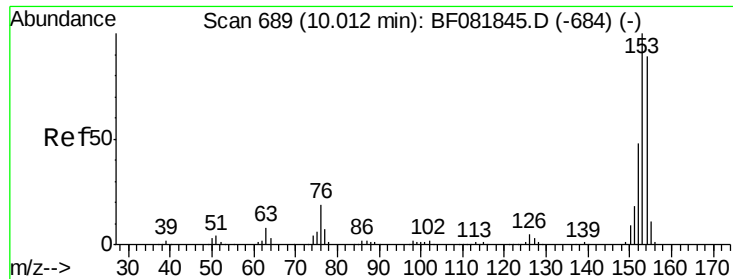


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

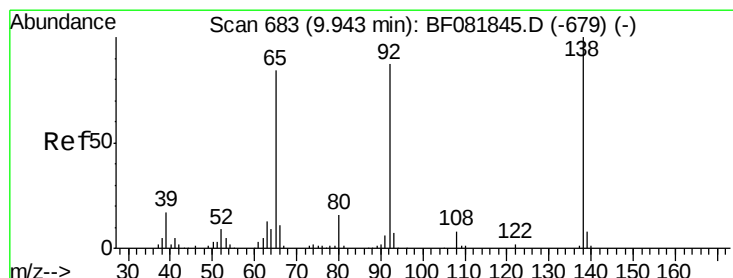
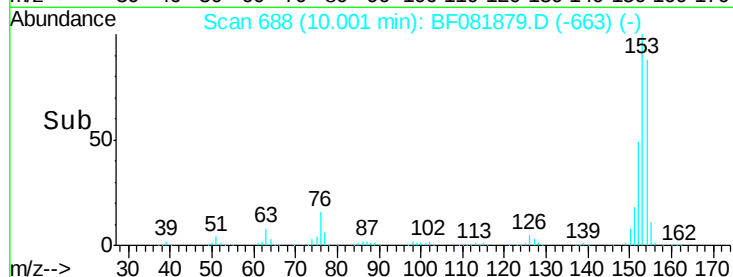
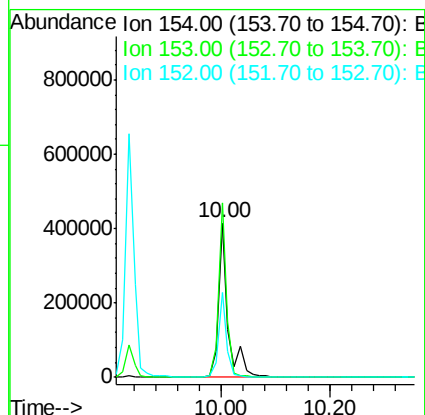
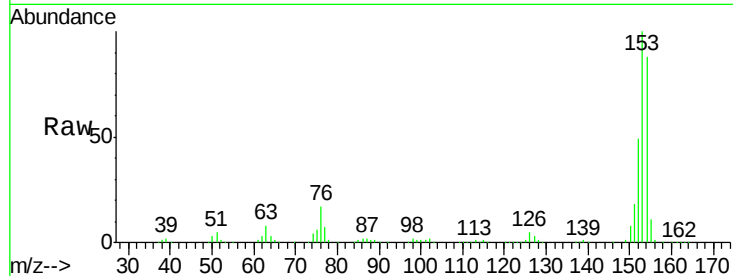




#51
Acenaphthene
Concen: 48.62 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

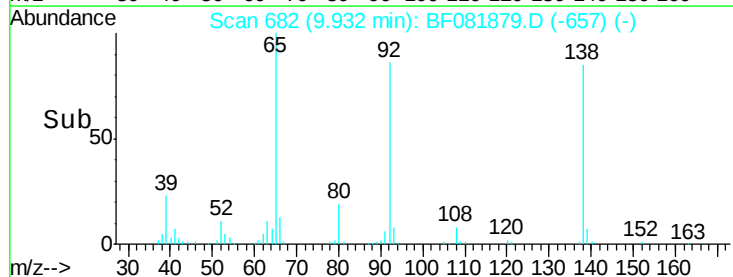
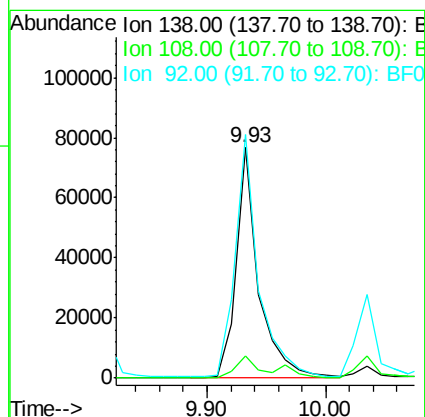
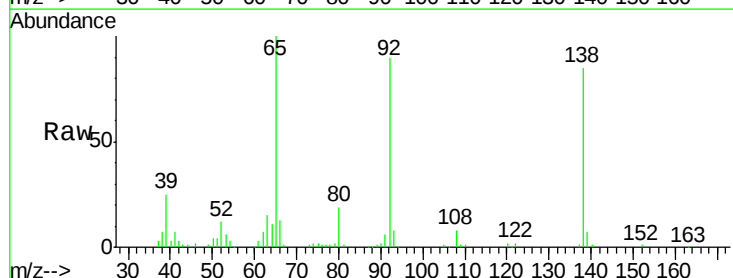
Instrument :
BNA_F
ClientSampleId :
PB85668BS

Tgt Ion:154 Resp: 532717
Ion Ratio Lower Upper
154 100
153 113.6 82.1 123.1
152 55.4 37.9 56.9



#52
3-Nitroaniline
Concen: 30.66 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

Tgt Ion:138 Resp: 101166
Ion Ratio Lower Upper
138 100
108 9.7 5.7 8.5#
92 105.7 67.7 101.5#

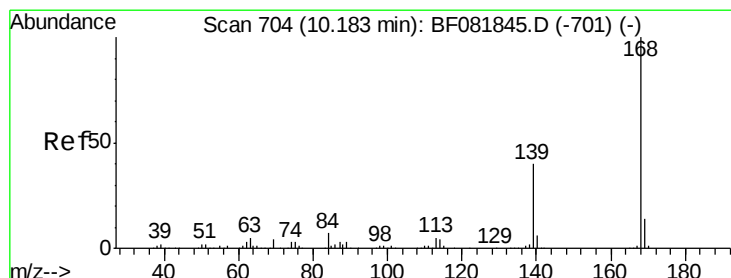
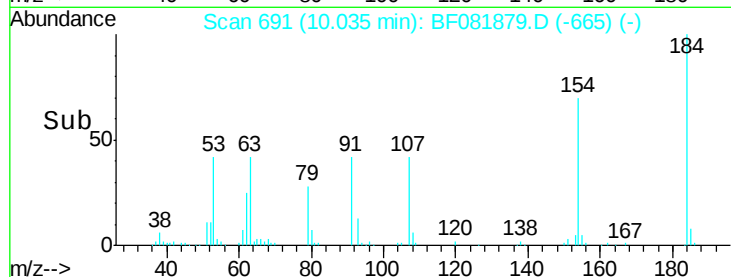
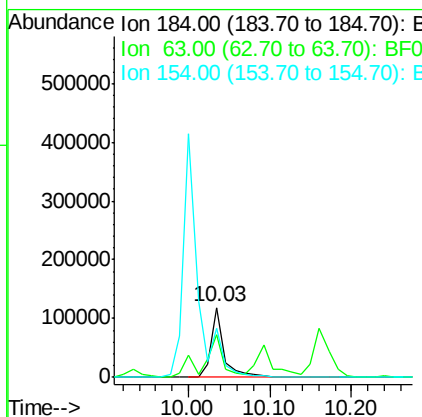
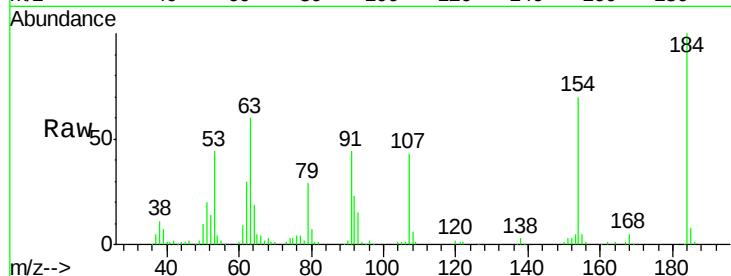




#53
 2,4-Dinitrophenol
 Concen: 88.85 ng
 RT: 10.03 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

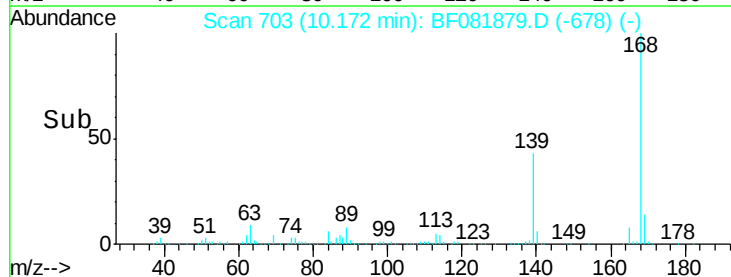
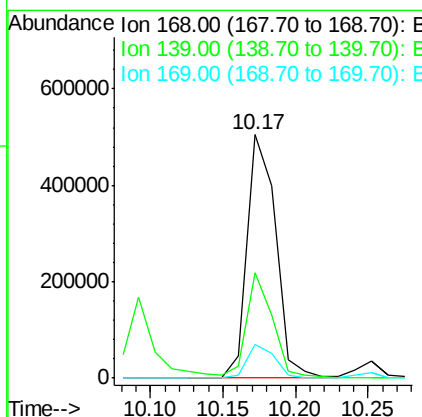
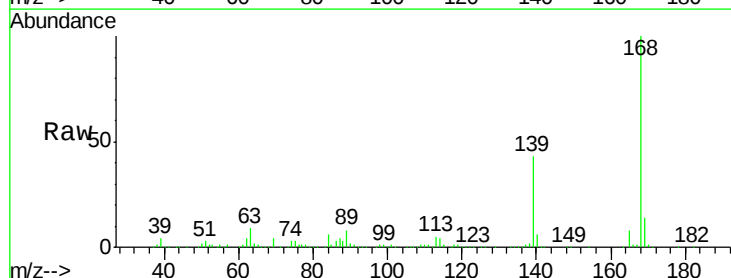
Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

Tgt Ion:184 Resp: 133044
 Ion Ratio Lower Upper
 184 100
 63 60.4 35.4 53.2#
 154 70.3 32.2 48.4#



#54
 Dibenzofuran
 Concen: 44.78 ng
 RT: 10.17 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion:168 Resp: 693375
 Ion Ratio Lower Upper
 168 100
 139 43.3 24.2 36.2#
 169 14.0 10.6 15.8

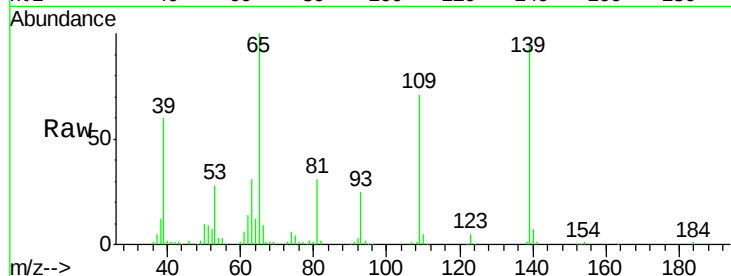




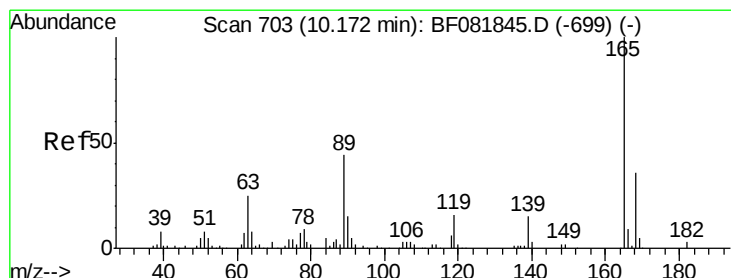
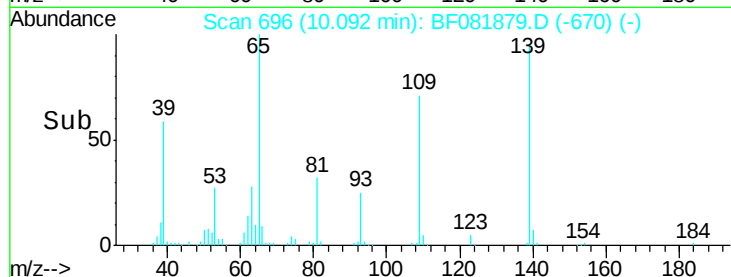
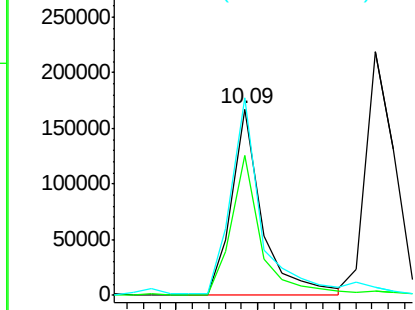
#55
 4-Nitrophenol
 Concen: 91.86 ng
 RT: 10.09 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

Tgt Ion:139 Resp: 218987
 Ion Ratio Lower Upper
 139 100
 109 74.8 12.7 52.7#
 65 105.6 45.9 85.9#

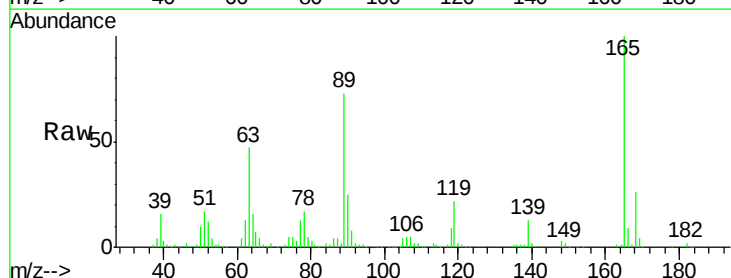


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

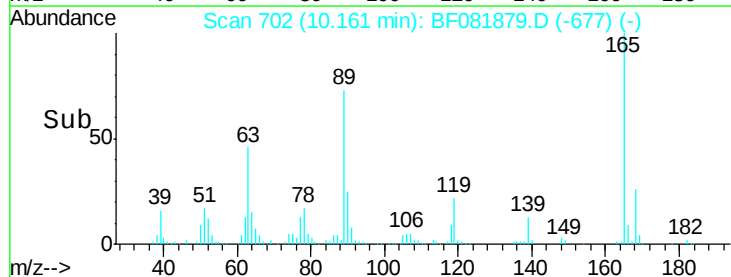
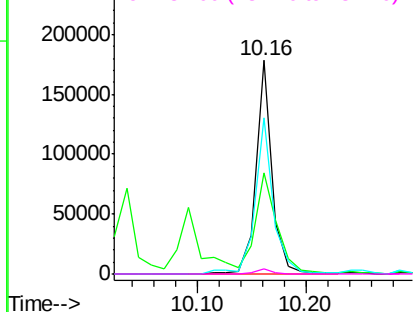


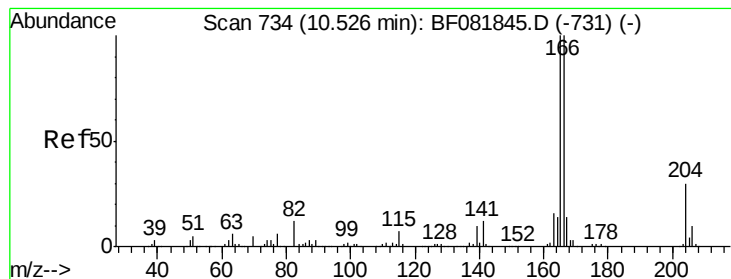
#56
 2,4-Dinitrotoluene
 Concen: 50.49 ng
 RT: 10.16 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion:165 Resp: 183573
 Ion Ratio Lower Upper
 165 100
 63 47.1 29.8 44.6#
 89 73.4 44.5 66.7#
 182 2.2 3.0 4.4#



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





#57

Fluorene

Concen: 46.66 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Instrument :

BNA_F

ClientSampleId :

PB85668BS

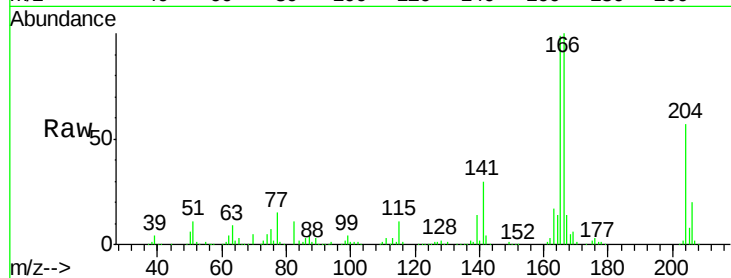
Tgt Ion:166 Resp: 515861

Ion Ratio Lower Upper

166 100

165 98.8 72.6 109.0

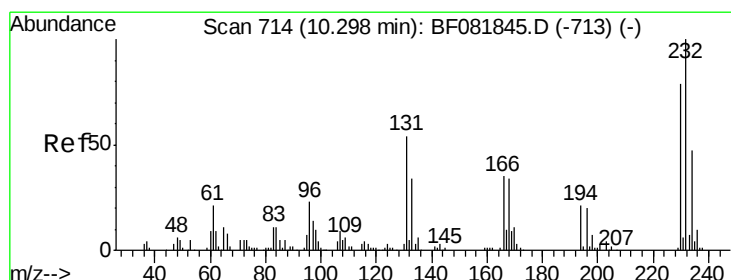
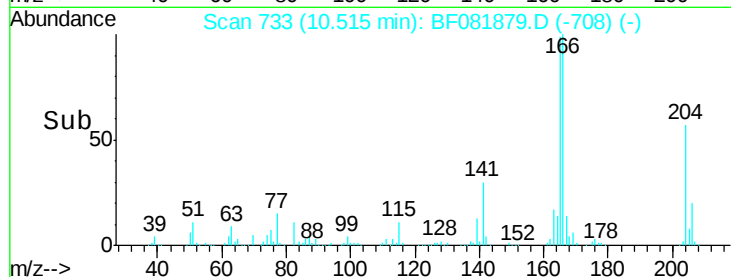
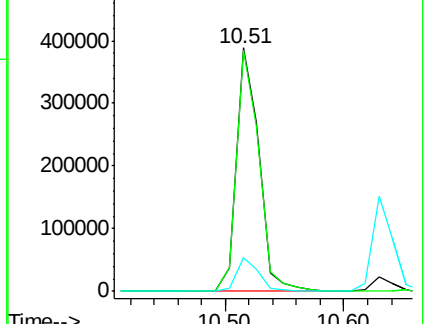
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.62 ng

RT: 10.30 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Tgt Ion:232 Resp: 165372

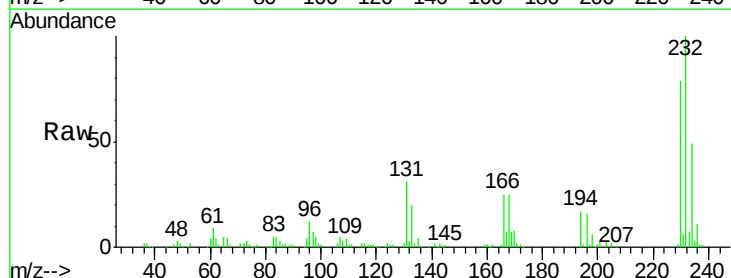
Ion Ratio Lower Upper

232 100

131 43.6 38.5 57.7

130 2.1 1.8 2.6

166 29.7 25.0 37.6

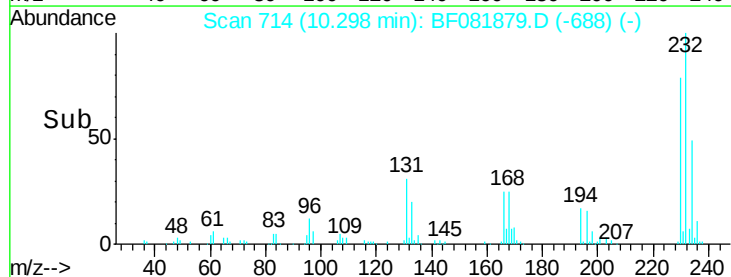
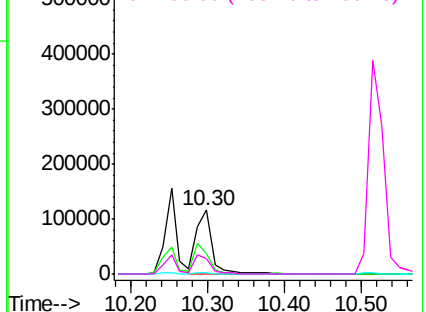


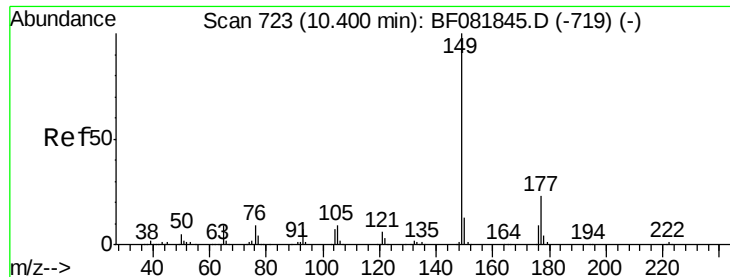
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

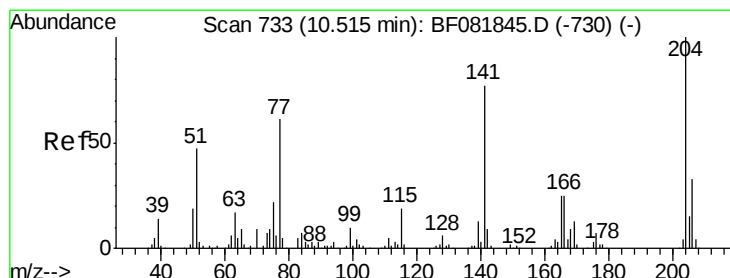
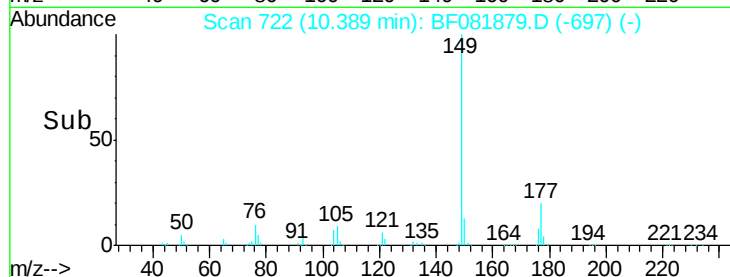
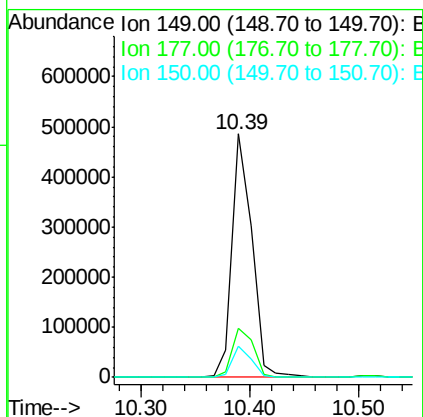
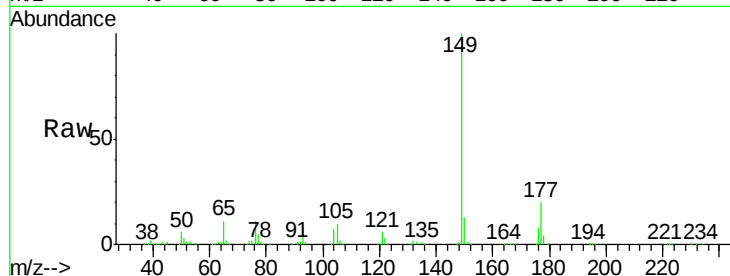




#59
Diethylphthalate
Concen: 49.82 ng
RT: 10.39 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

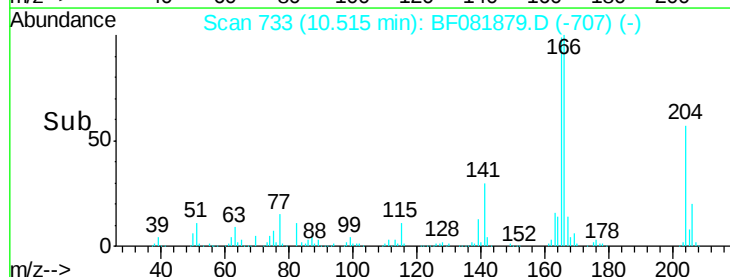
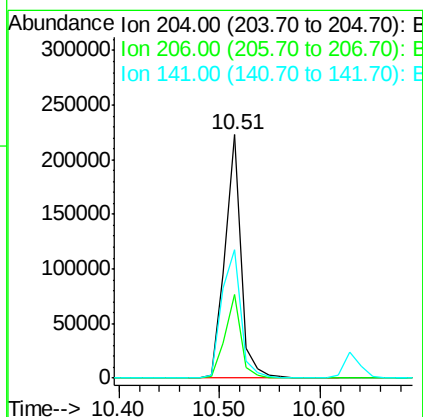
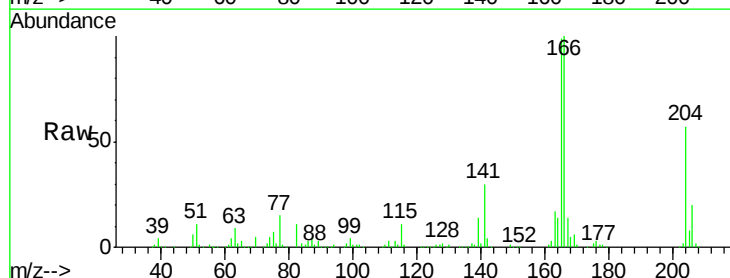
Instrument :
BNA_F
ClientSampleId :
PB85668BS

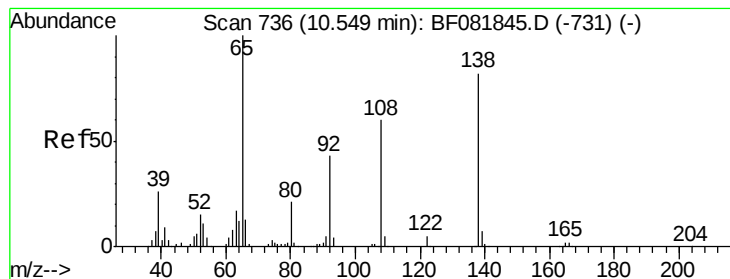
Tgt Ion:149 Resp: 611257
Ion Ratio Lower Upper
149 100
177 20.4 17.5 26.3
150 12.7 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 43.85 ng
RT: 10.51 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

Tgt Ion:204 Resp: 248569
Ion Ratio Lower Upper
204 100
206 34.2 24.8 37.2
141 52.6 42.2 63.4





#61

4-Nitroaniline

Concen: 42.23 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Instrument :

BNA_F

ClientSampleId :

PB85668BS

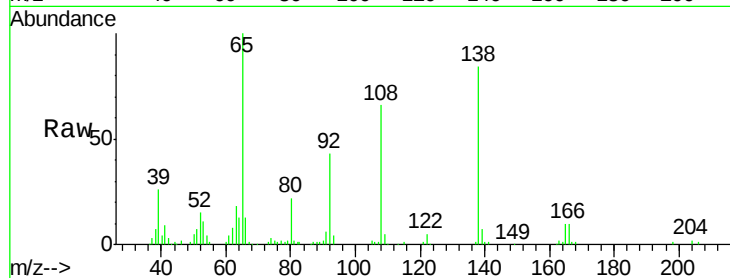
Tgt Ion:138 Resp: 139695

Ion Ratio Lower Upper

138 100

92 51.1 12.6 52.6

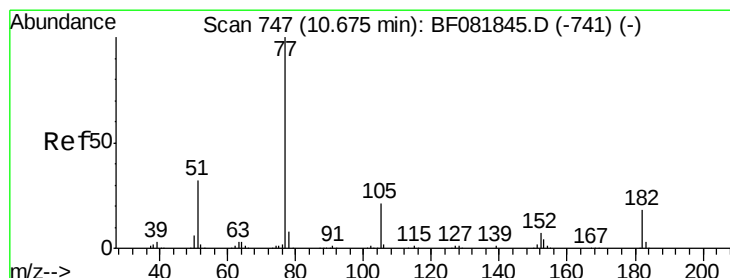
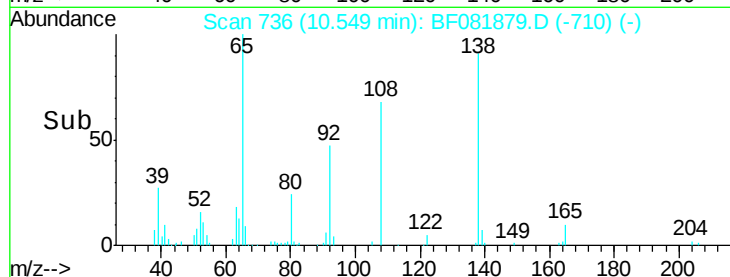
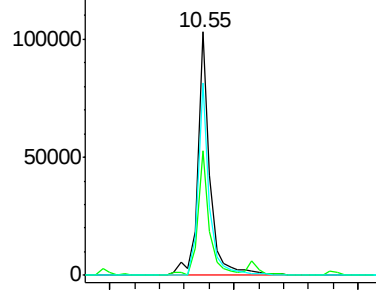
108 78.8 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.44 ng

RT: 10.67 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Tgt Ion: 77 Resp: 604041

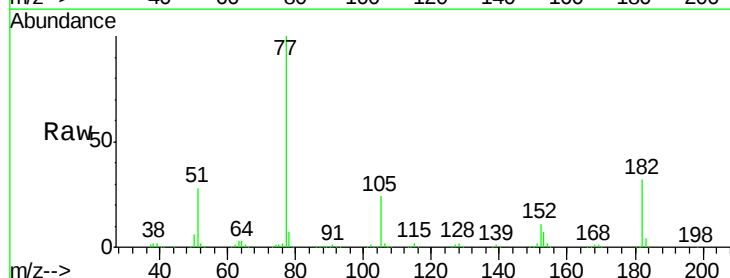
Ion Ratio Lower Upper

77 100

182 32.0 15.1 55.1

105 23.8 3.4 43.4

51 28.5 12.0 52.0

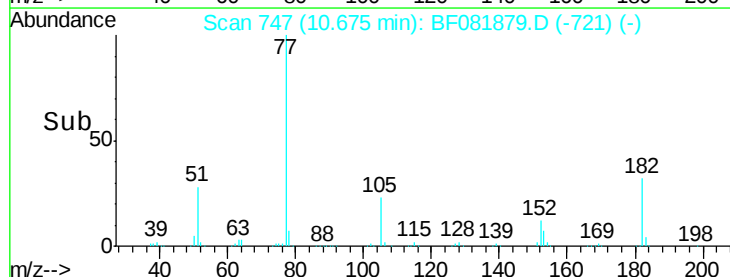
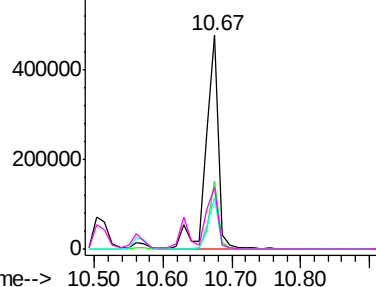


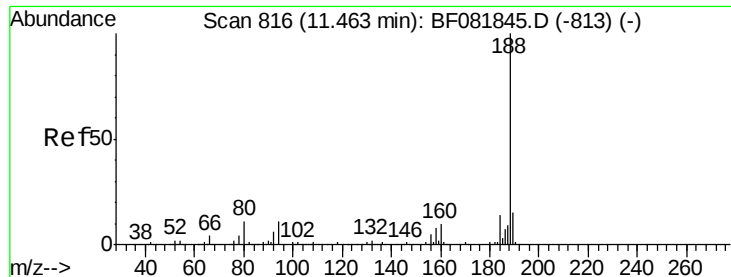
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

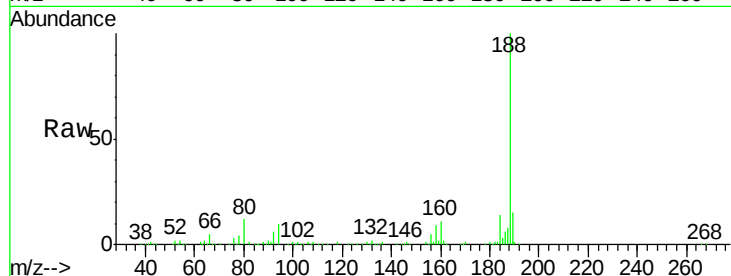




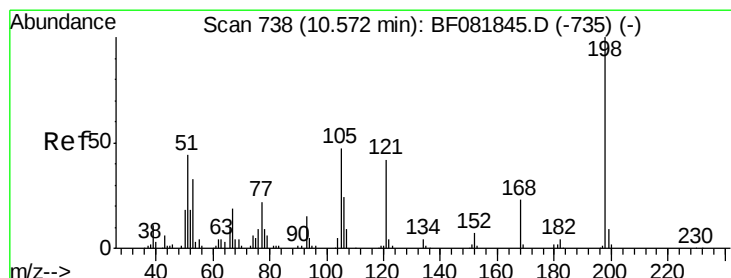
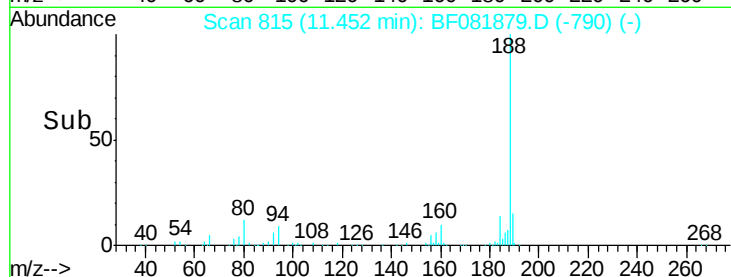
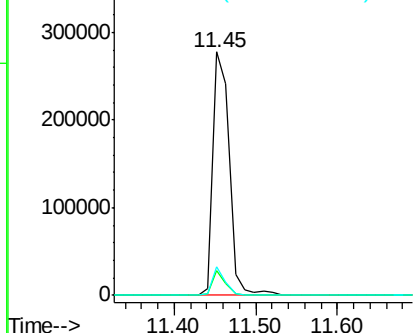
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

Instrument :
BNA_F
ClientSampleId :
PB85668BS

Tgt Ion:188 Resp: 392218
Ion Ratio Lower Upper
188 100
94 10.4 11.1 16.7#
80 11.8 11.0 16.4

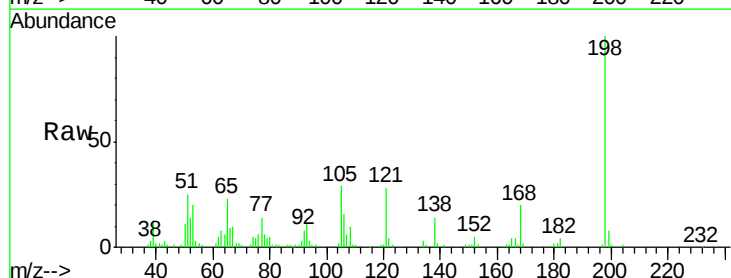


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

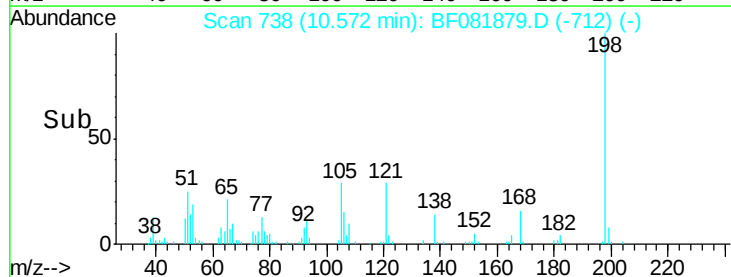
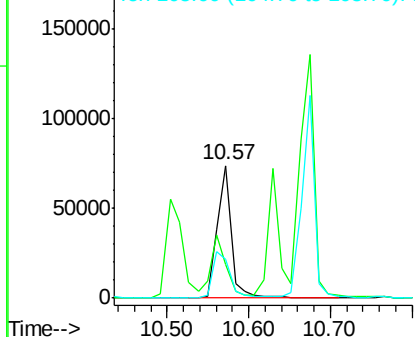


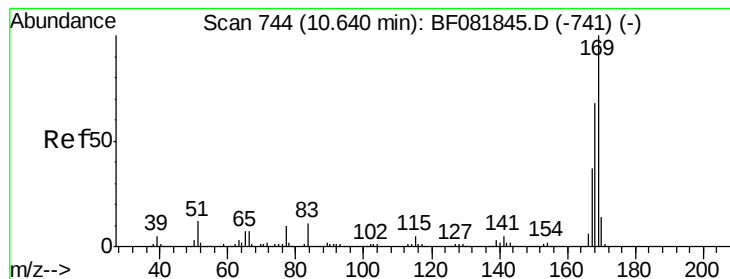
#64
4,6-Dinitro-2-methylphenol
Concen: 49.82 ng
RT: 10.57 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

Tgt Ion:198 Resp: 89459
Ion Ratio Lower Upper
198 100
51 25.1 39.6 79.6#
105 28.9 28.5 68.5



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: 41.33 ng

RT: 10.63 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Instrument :

BNA_F

ClientSampleId :

PB85668BS

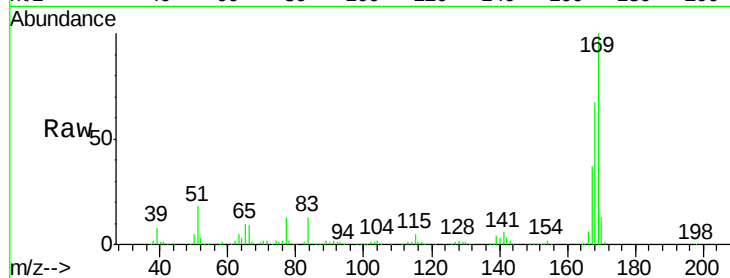
Tgt Ion:169 Resp: 490504

Ion Ratio Lower Upper

169 100

168 67.3 48.9 73.3

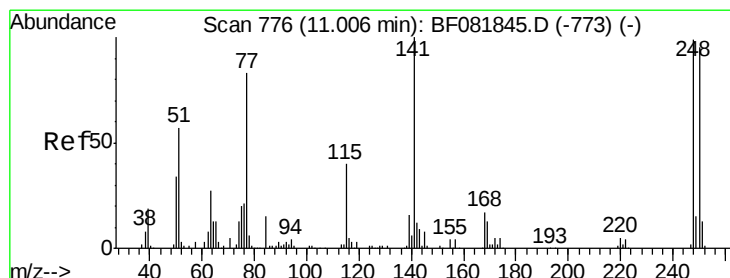
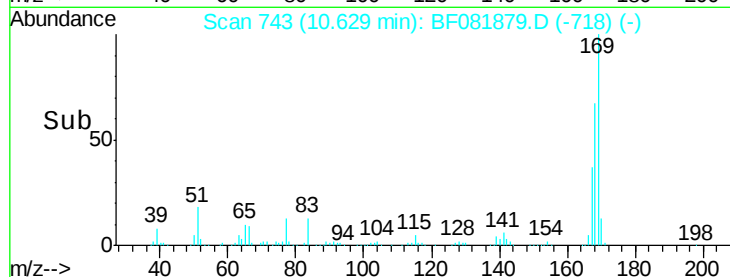
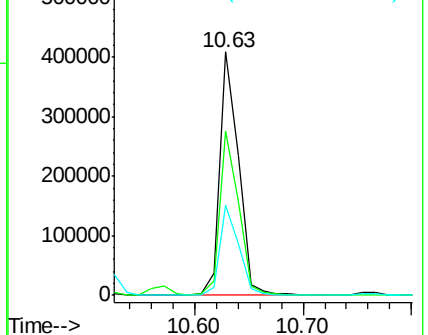
167 37.1 26.2 39.4



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: 47.03 ng

RT: 11.01 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

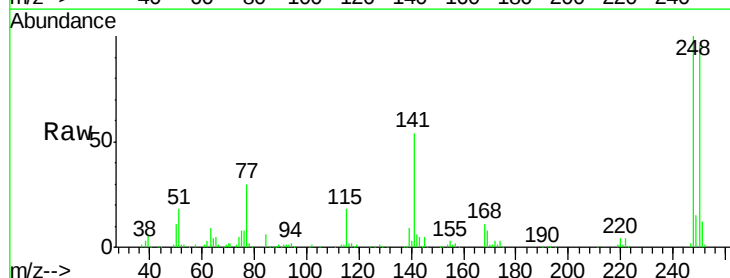
Tgt Ion:248 Resp: 185998

Ion Ratio Lower Upper

248 100

250 96.3 78.5 117.7

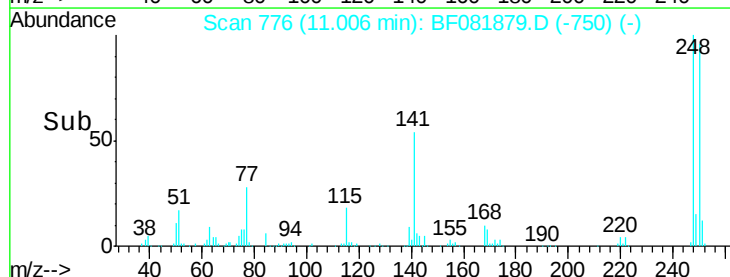
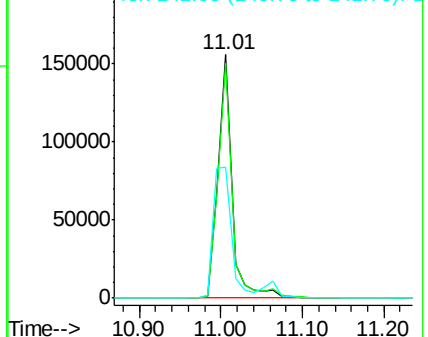
141 53.9 59.0 88.6#



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

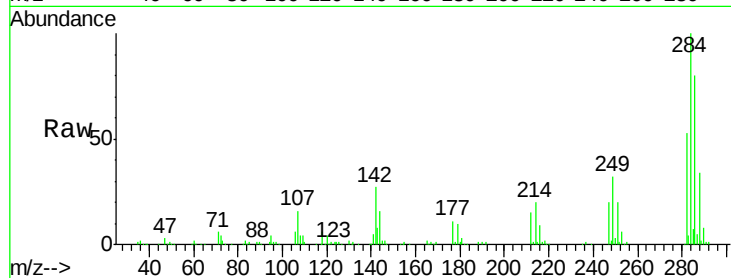




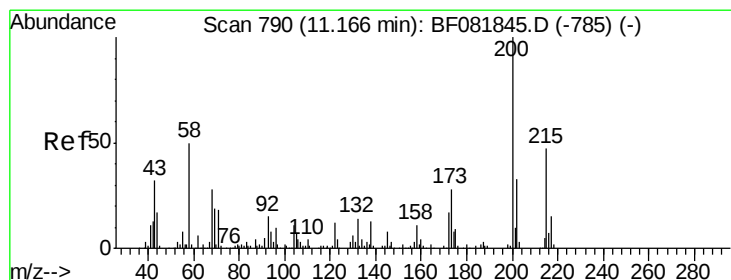
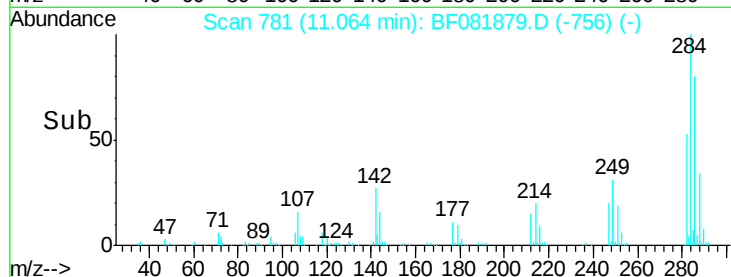
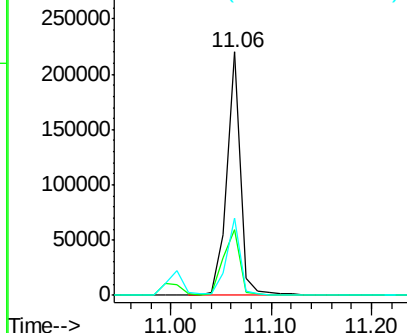
#67
Hexachlorobenzene
Concen: 46.63 ng
RT: 11.06 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

Instrument :
BNA_F
ClientSampleId :
PB85668BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.1	29.5	44.3#
249	31.6	19.5	29.3#

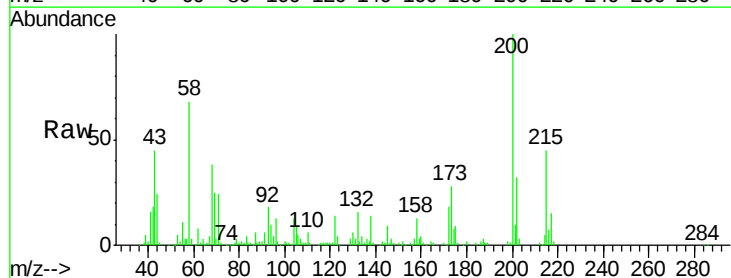


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

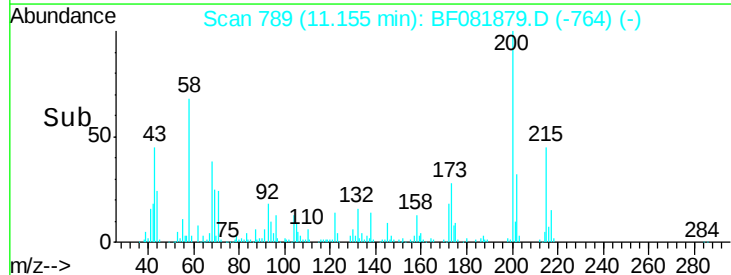
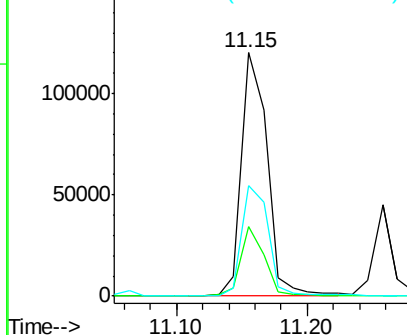


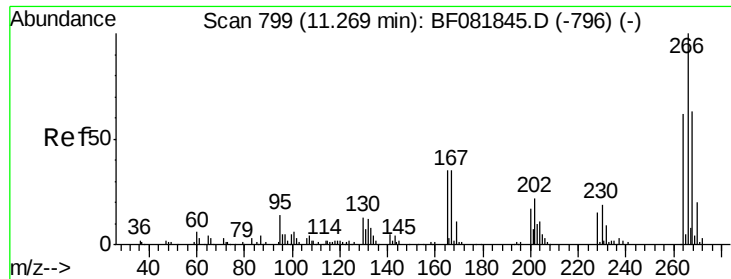
#68
Atrazine
Concen: 44.75 ng
RT: 11.15 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.4	13.2	53.2
215	45.3	41.8	81.8



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

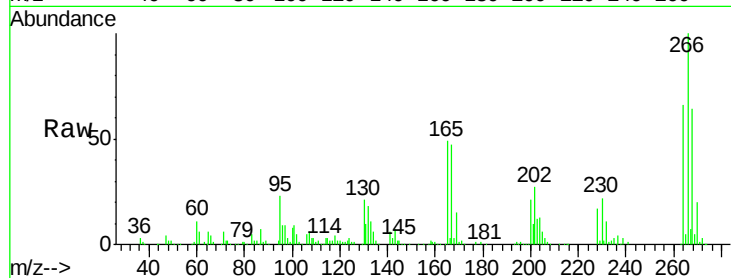




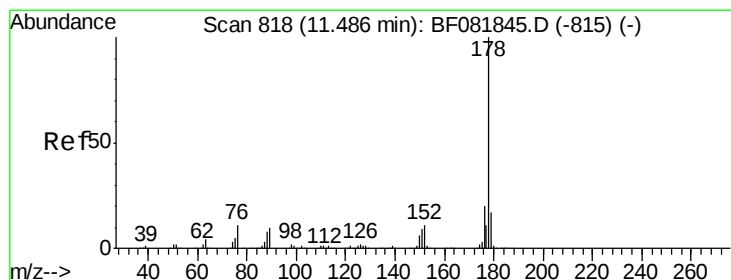
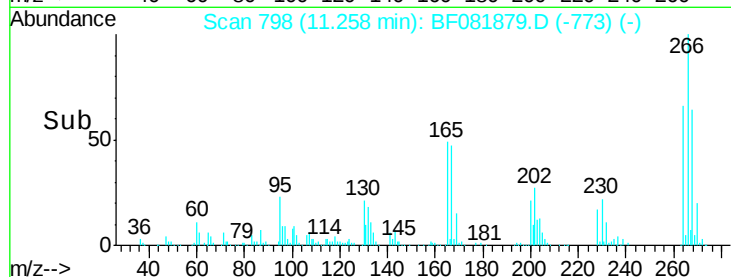
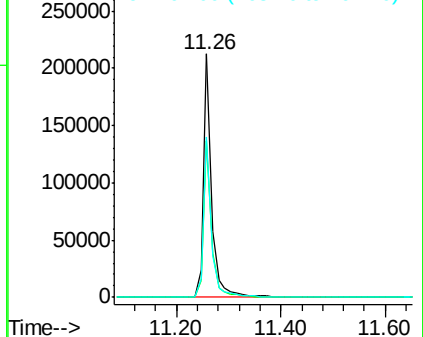
#69
 Pentachlorophenol
 Concen: 91.35 ng
 RT: 11.26 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

Tgt Ion: 266 Resp: 232311
 Ion Ratio Lower Upper
 266 100
 268 64.2 49.8 74.6
 264 65.7 50.2 75.2

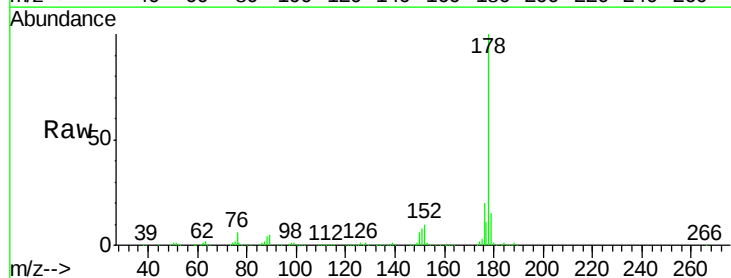


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

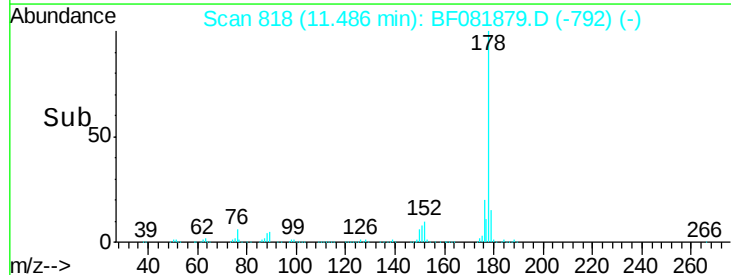
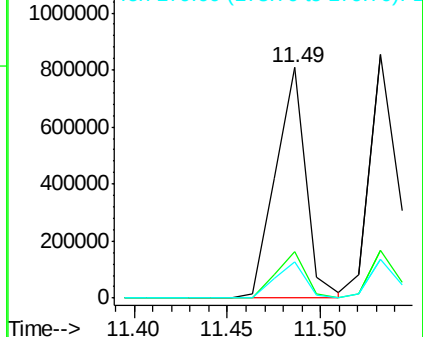


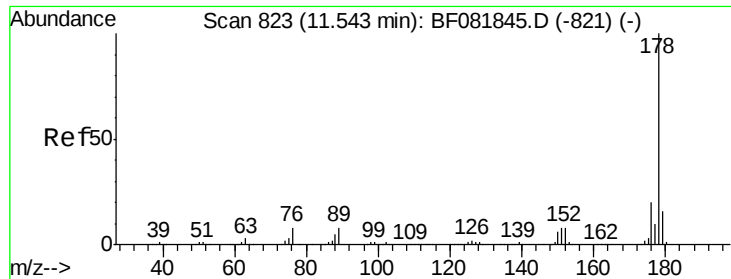
#70
 Phenanthrene
 Concen: 48.53 ng
 RT: 11.49 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion: 178 Resp: 913570
 Ion Ratio Lower Upper
 178 100
 176 20.1 13.8 20.8
 179 15.5 12.2 18.2



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

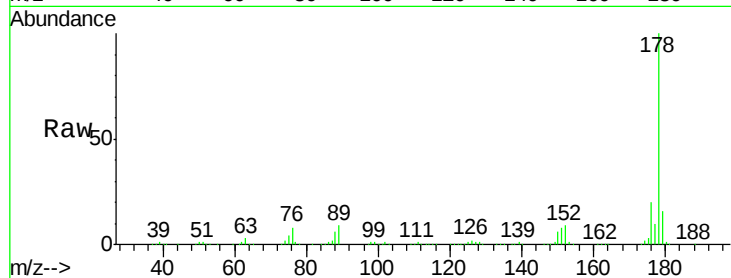




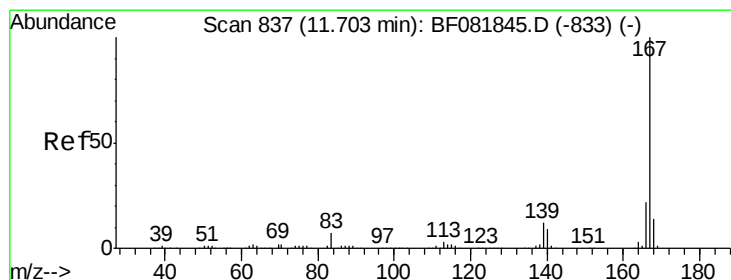
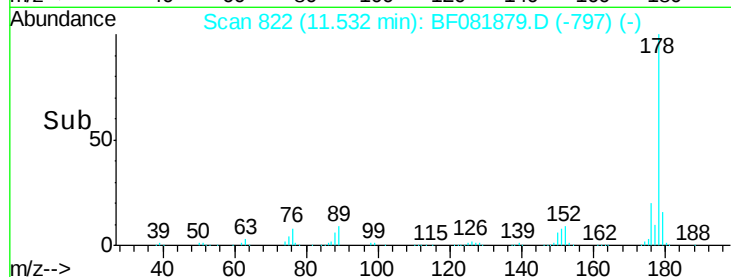
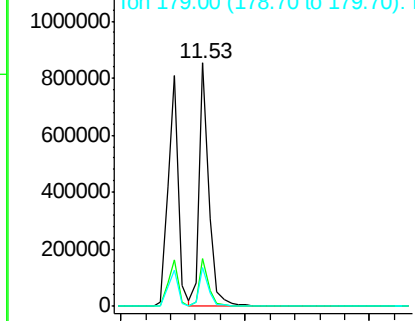
#71
 Anthracene
 Concen: 46.43 ng
 RT: 11.53 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Instrument :
 BNA_F
 ClientSampled :
 PB85668BS

Tgt Ion:178 Resp: 925560
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.1 21.1
 179 16.1 12.2 18.2

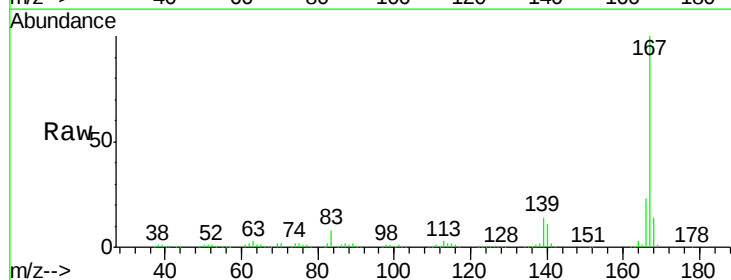


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

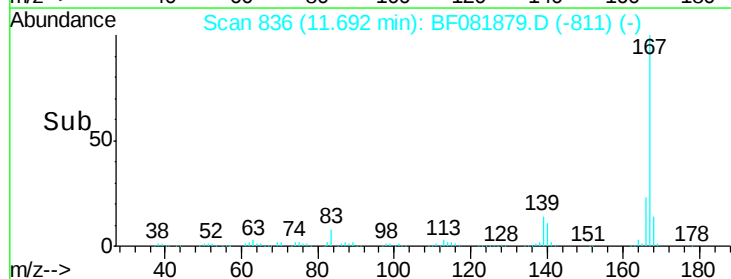
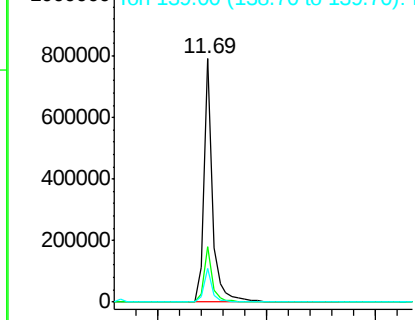


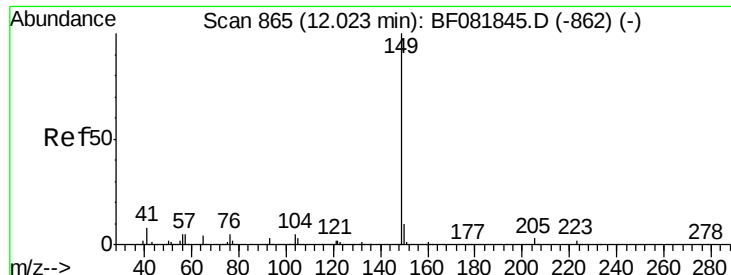
#72
 Carbazole
 Concen: 47.11 ng
 RT: 11.69 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion:167 Resp: 849927
 Ion Ratio Lower Upper
 167 100
 166 22.6 15.7 23.5
 139 13.9 9.5 14.3



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

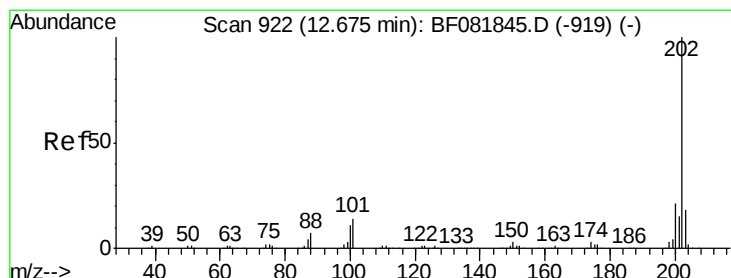
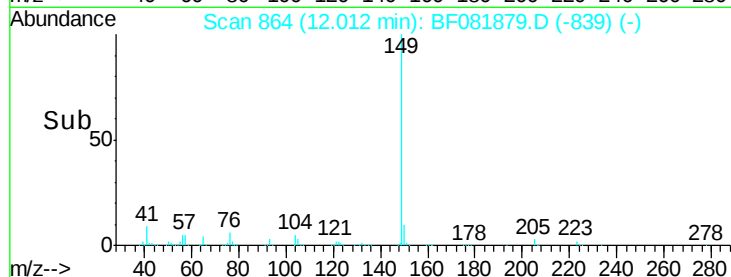
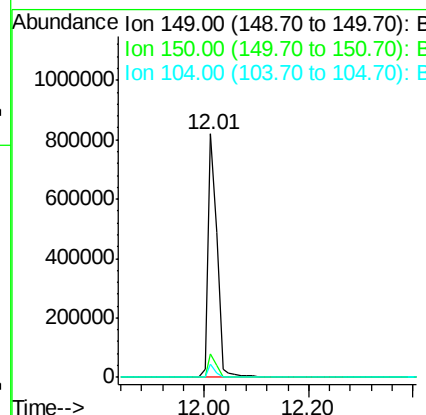
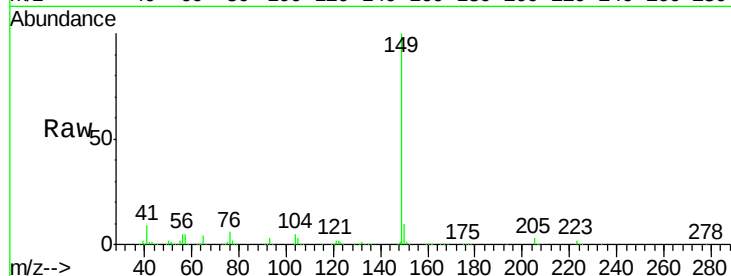




#73
Di-n-butylphthalate
Concen: 53.16 ng
RT: 12.01 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

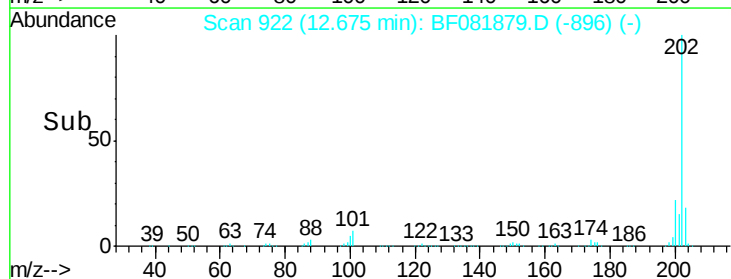
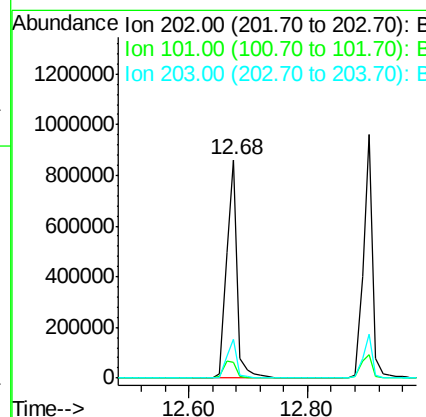
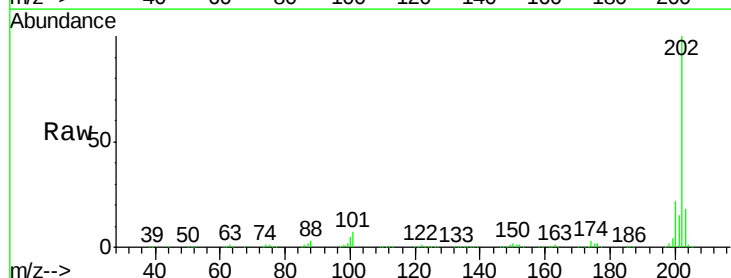
Instrument :
BNA_F
ClientSampleId :
PB85668BS

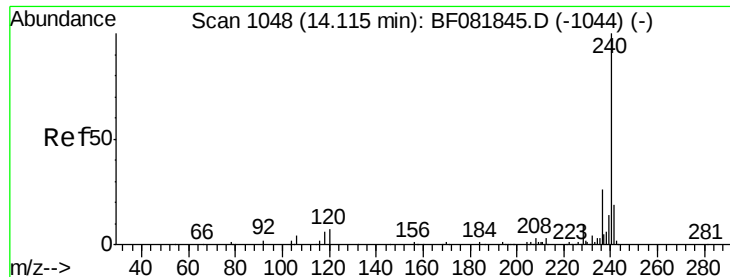
Tgt Ion:149 Resp: 972460
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.2
104 5.2 2.4 3.6#



#74
Fluoranthene
Concen: 49.94 ng
RT: 12.68 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

Tgt Ion:202 Resp: 1049317
Ion Ratio Lower Upper
202 100
101 7.3 0.0 38.3
203 17.9 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Instrument :

BNA_F

ClientSampleId :

PB85668BS

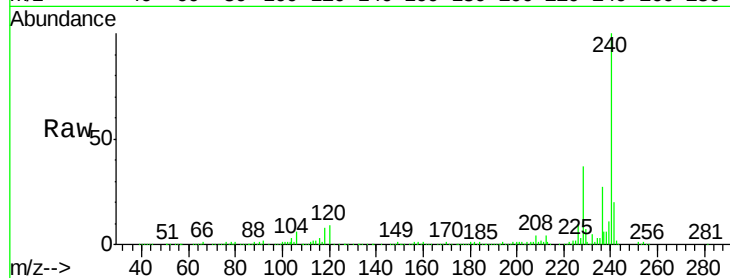
Tgt Ion:240 Resp: 379141

Ion Ratio Lower Upper

240 100

120 8.9 16.2 24.2#

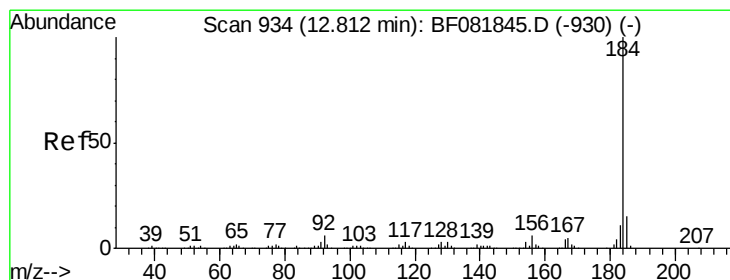
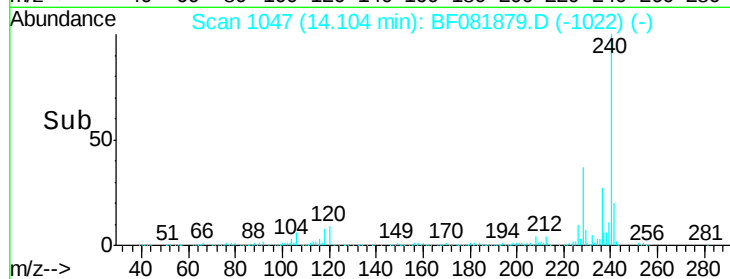
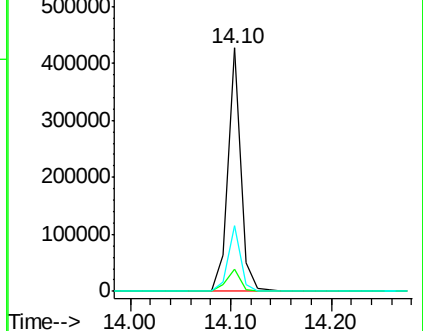
236 27.0 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.54 ng

RT: 12.80 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

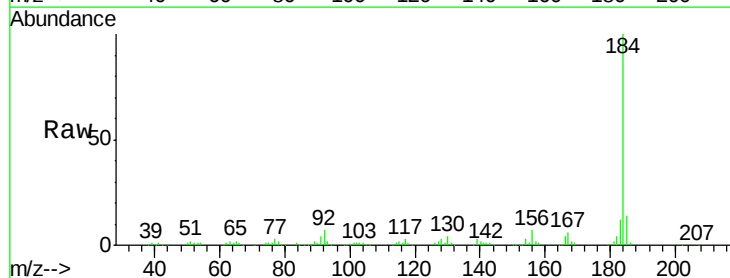
Tgt Ion:184 Resp: 337400

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.6

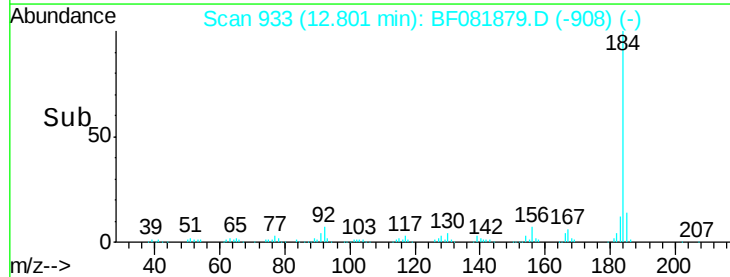
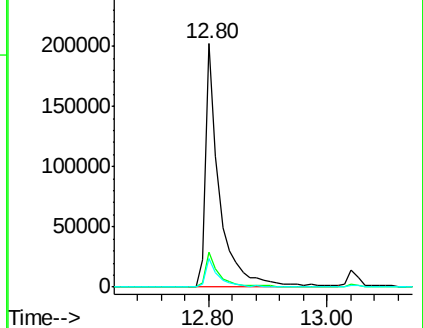
183 11.6 7.6 11.4#

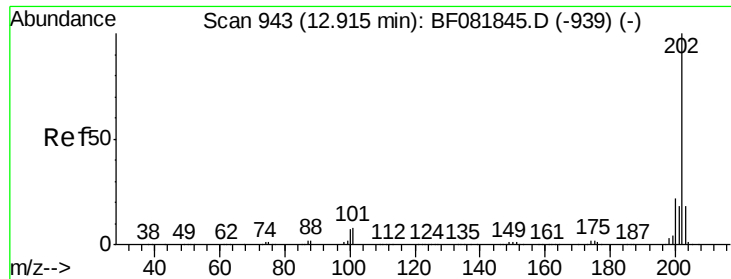


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

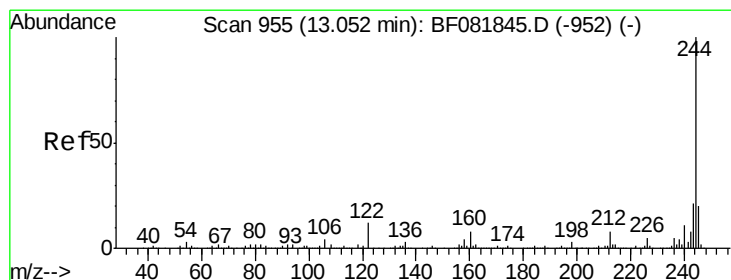
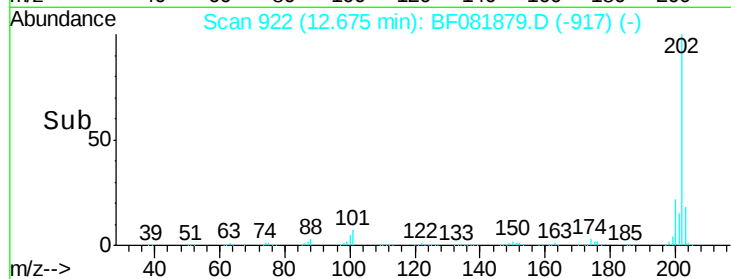
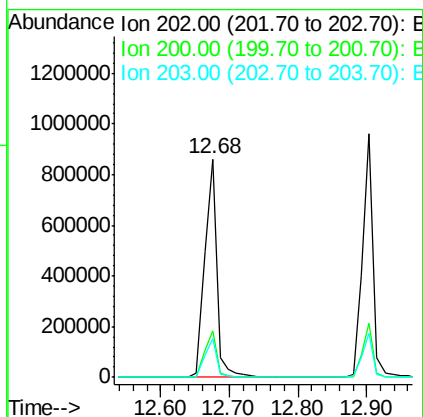
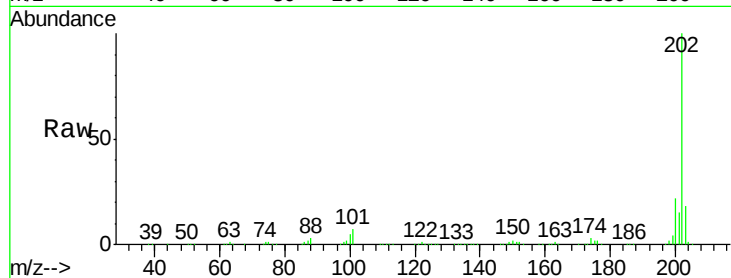




#77
 Pyrene
 Concen: 45.97 ng
 RT: 12.68 min Scan# 922
 Delta R.T. -0.24 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

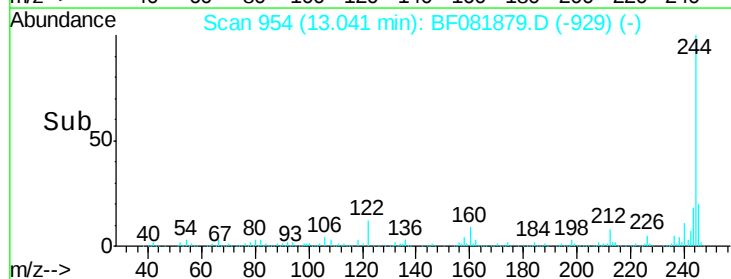
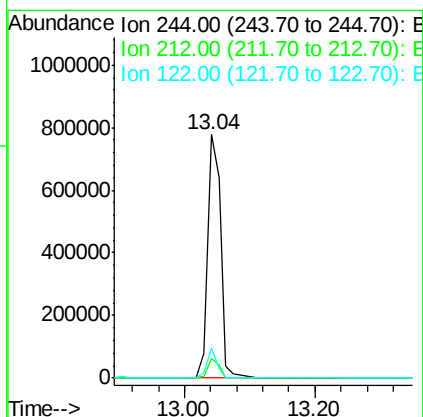
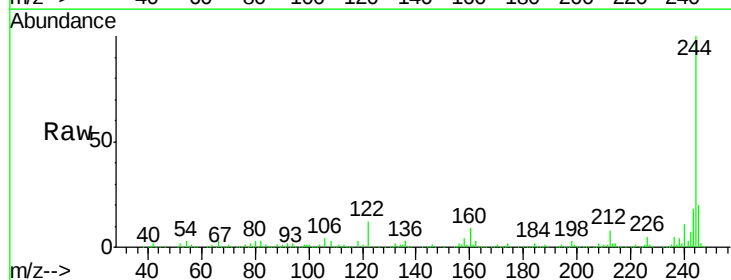
Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

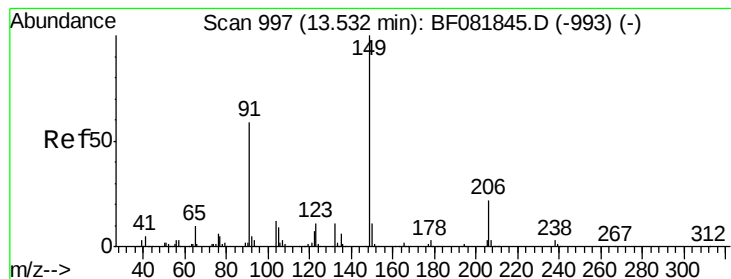
Tgt Ion: 202 Resp: 1041236
 Ion Ratio Lower Upper
 202 100
 200 21.5 15.0 22.4
 203 17.9 14.1 21.1



#78
 Terphenyl-d14
 Concen: 94.63 ng
 RT: 13.04 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion: 244 Resp: 1076389
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.3 6.5#
 122 12.4 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 53.28 ng

RT: 13.52 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

Instrument :

BNA_F

ClientSampleId :

PB85668BS

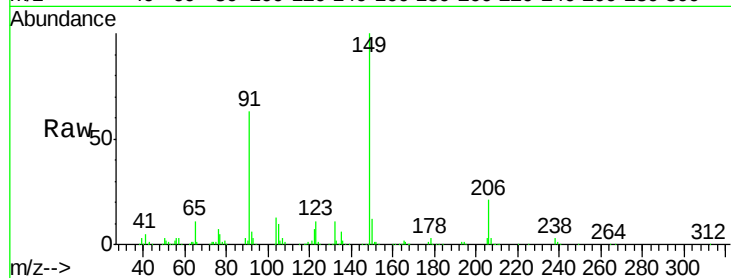
Tgt Ion:149 Resp: 454115

Ion Ratio Lower Upper

149 100

91 63.0 48.6 72.8

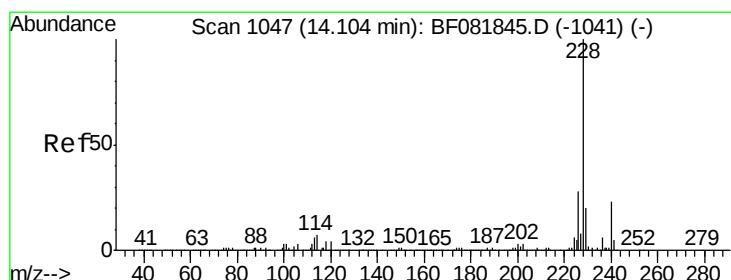
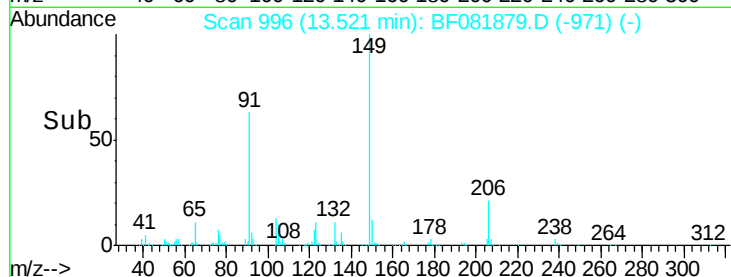
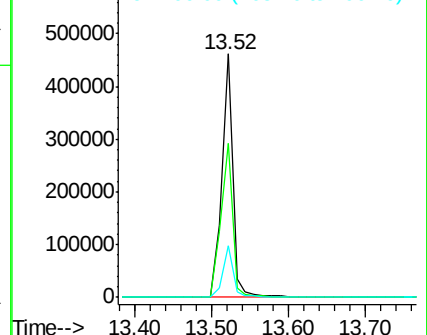
206 21.4 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.64 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF081879.D

Acq: 29 Sep 2015 14:53

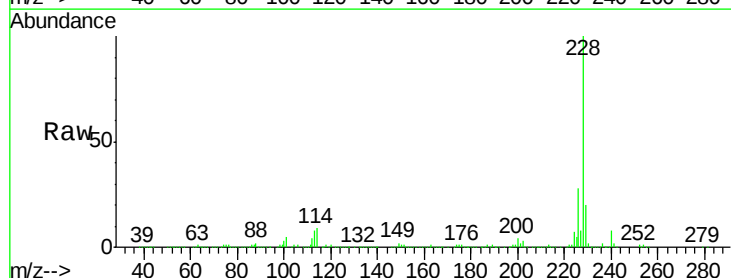
Tgt Ion:228 Resp: 911362

Ion Ratio Lower Upper

228 100

226 28.2 20.0 30.0

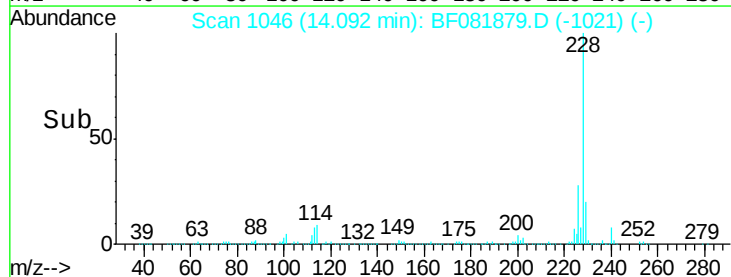
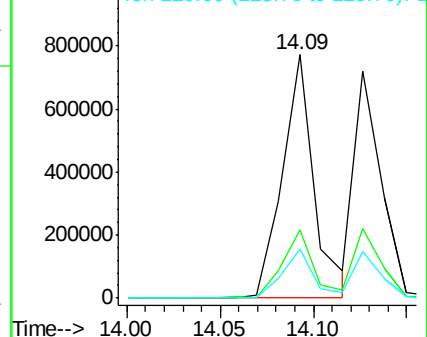
229 20.2 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

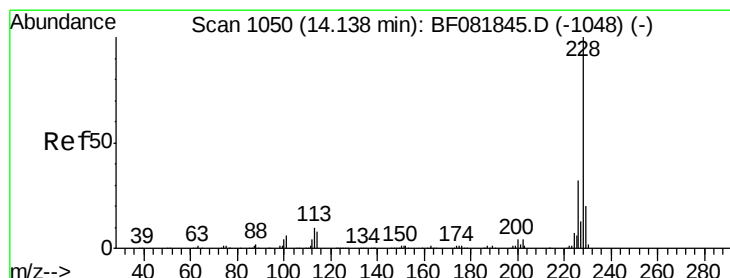
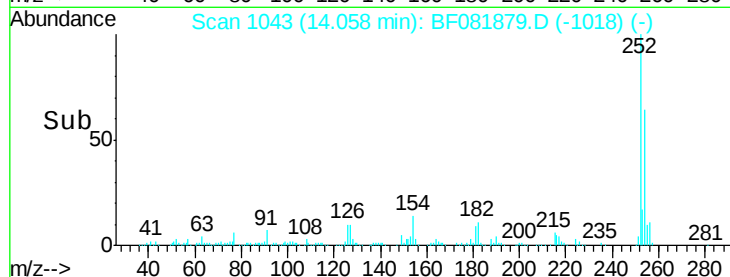
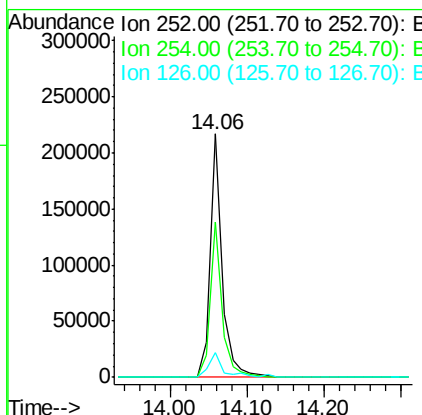
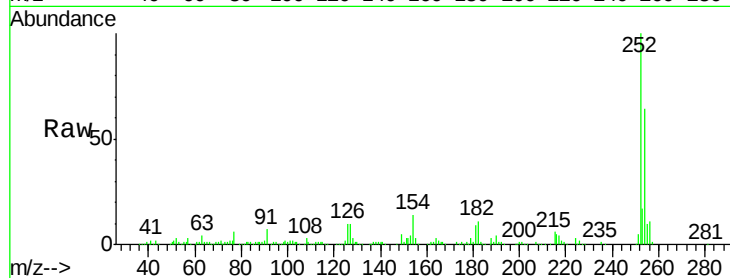




#81
 3,3'-Dichlorobenzidine
 Concen: 33.43 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

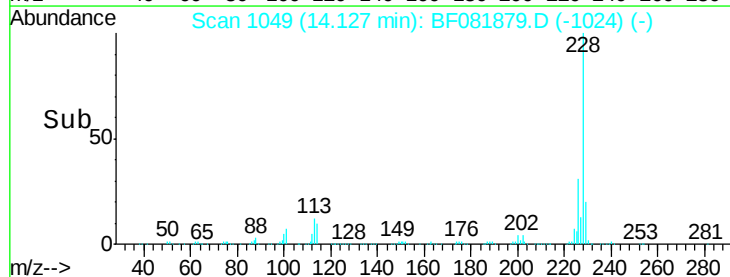
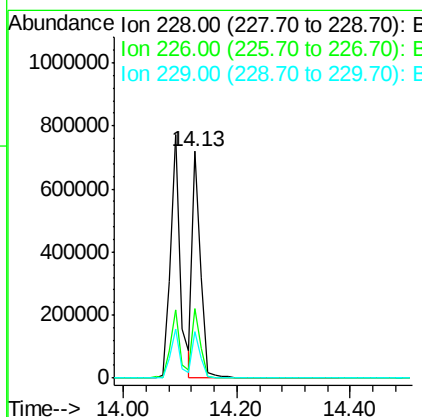
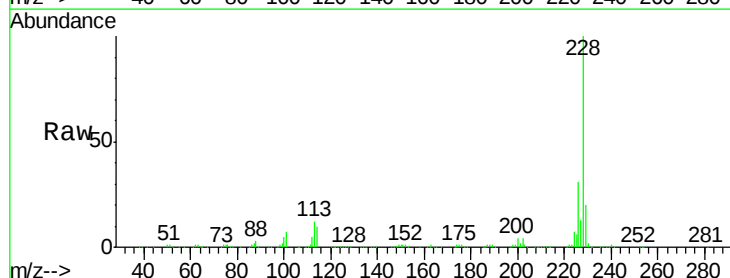
Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.4	77.2
126	9.9	16.4	24.6#



#82
 Chrysene
 Concen: 39.31 ng
 RT: 14.13 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.0	31.4
229	20.3	15.6	23.4

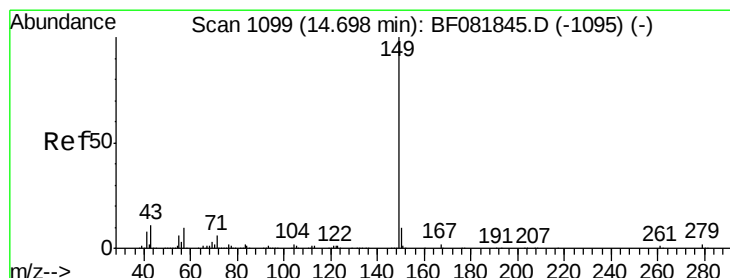
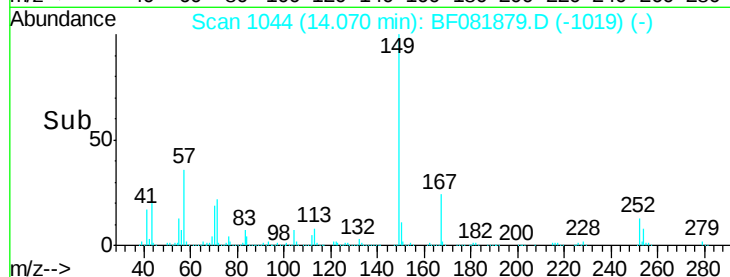
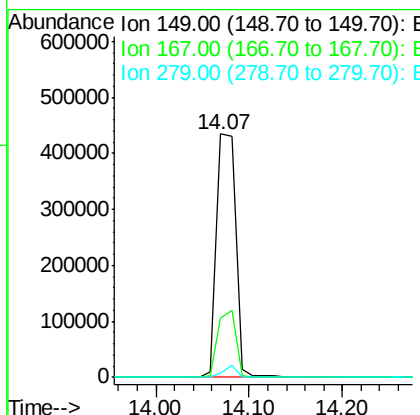
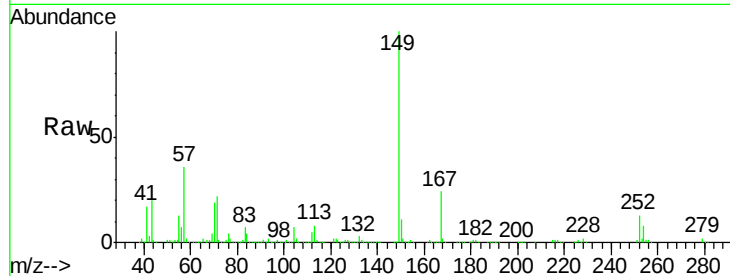




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.93 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

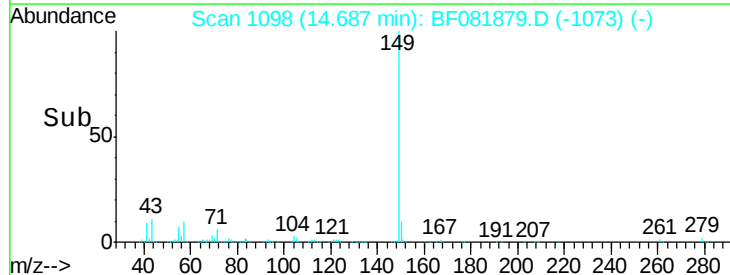
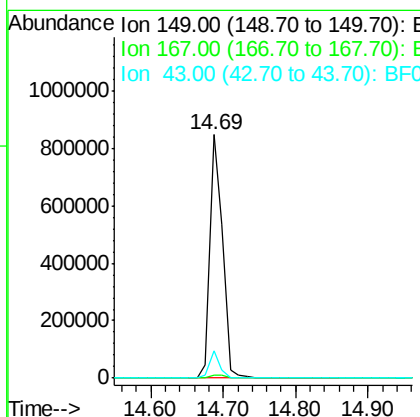
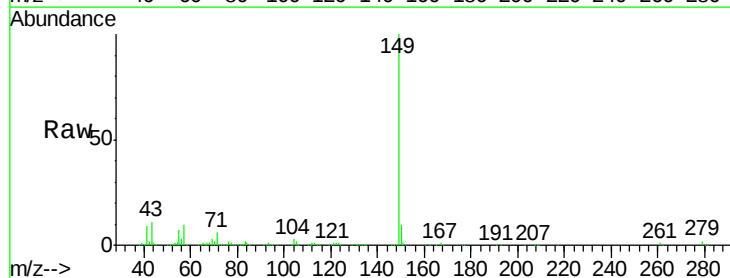
Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

Tgt Ion:149 Resp: 619374
 Ion Ratio Lower Upper
 149 100
 167 24.4 24.2 36.2
 279 1.9 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 58.71 ng
 RT: 14.69 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion:149 Resp: 1021444
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 9.4 10.2 15.2#

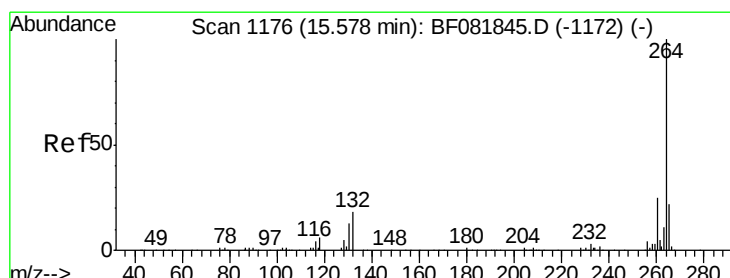
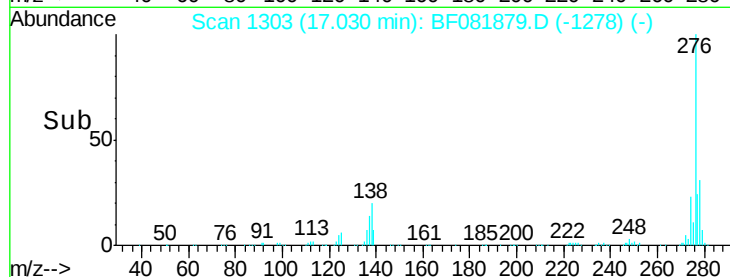
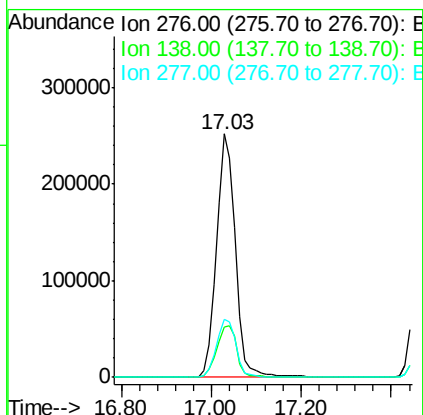
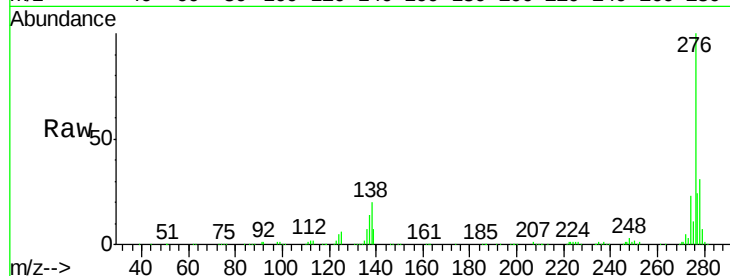




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.19 ng
 RT: 17.03 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

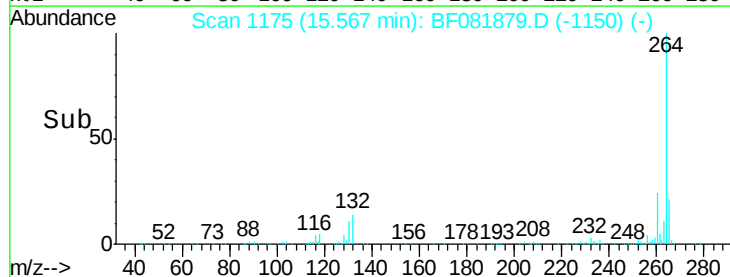
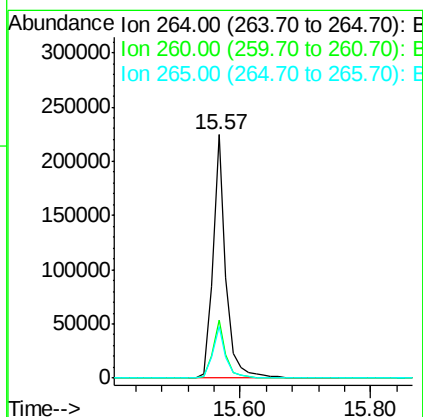
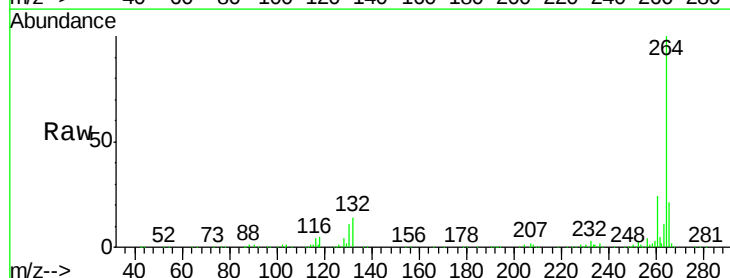
Instrument :
 BNA_F
 ClientSampleId :
 PB85668BS

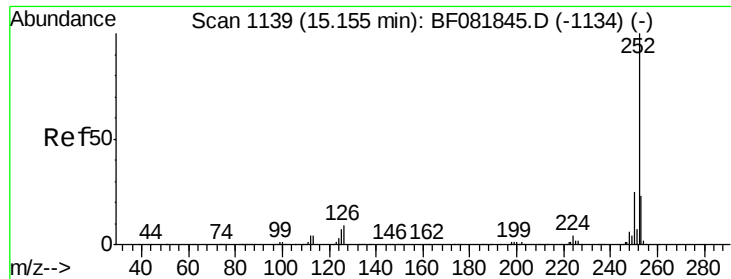
Tgt Ion: 276 Resp: 737767
 Ion Ratio Lower Upper
 276 100
 138 22.6 25.7 38.5#
 277 24.7 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF081879.D
 Acq: 29 Sep 2015 14:53

Tgt Ion: 264 Resp: 312663
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 21.1 17.2 25.8

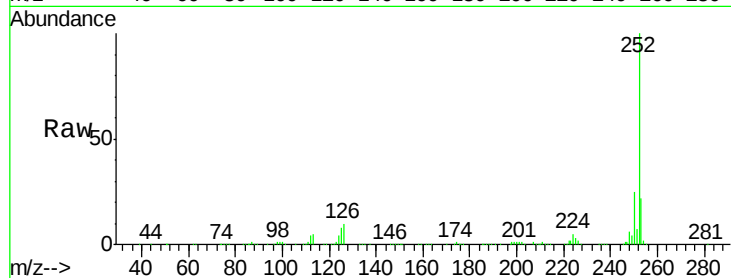




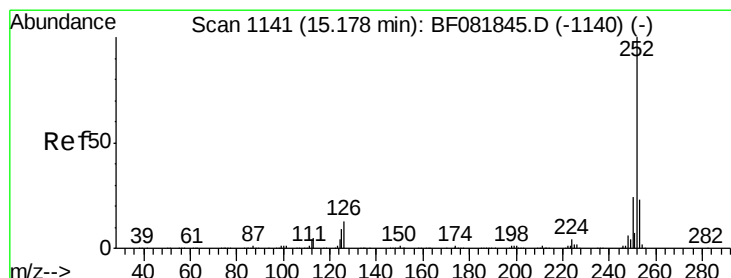
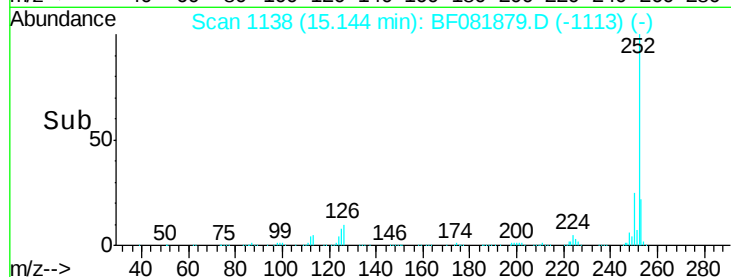
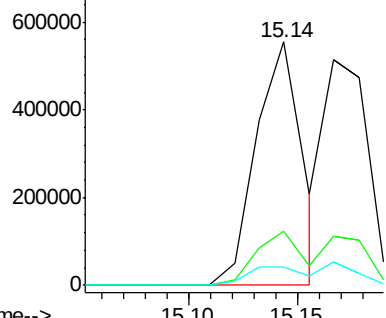
#87
Benzo(b)fluoranthene
Concen: 45.88 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

Instrument :
BNA_F
ClientSampleId :
PB85668BS

Tgt Ion:252 Resp: 819080
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 7.8 17.1 25.7#

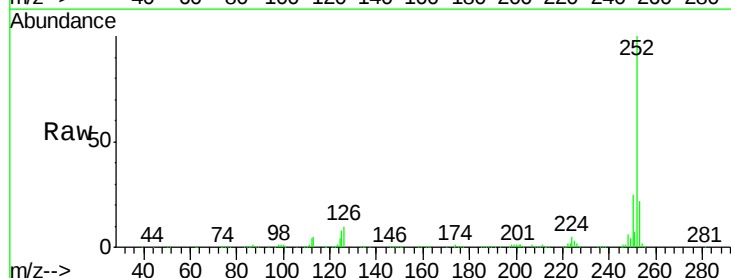


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

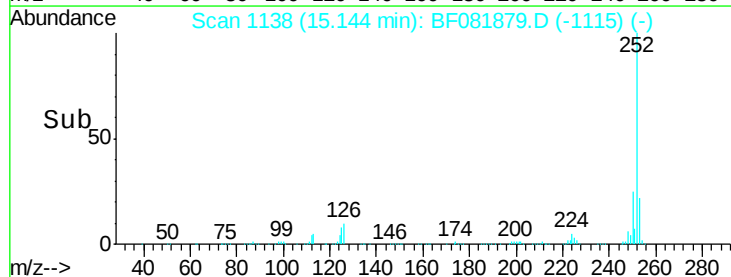
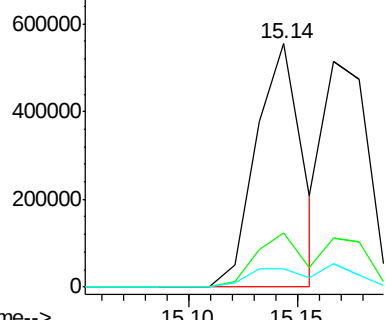


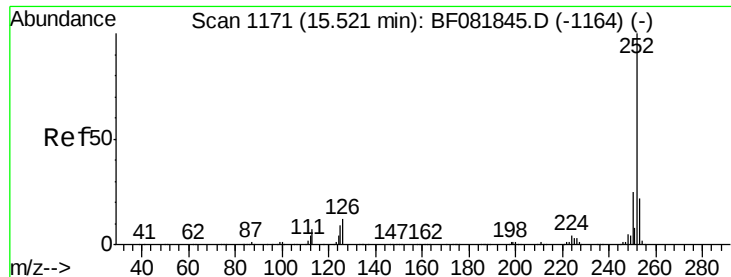
#88
Benzo(k)fluoranthene
Concen: 50.06 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

Tgt Ion:252 Resp: 819080
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 7.8 16.0 24.0#



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

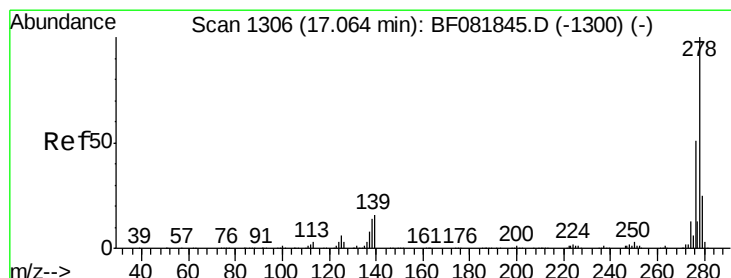
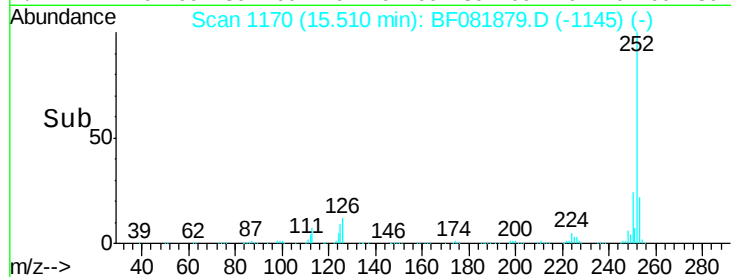
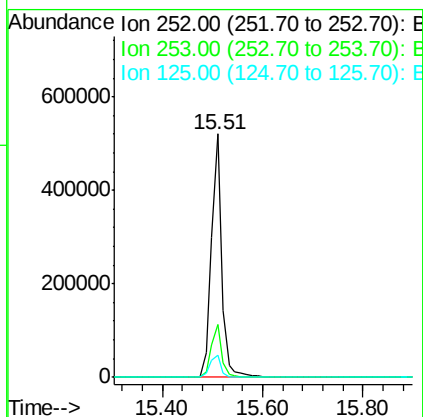
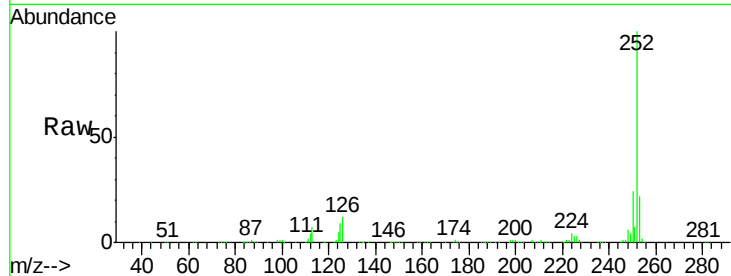




#89
Benzo(a)pyrene
Concen: 47.92 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

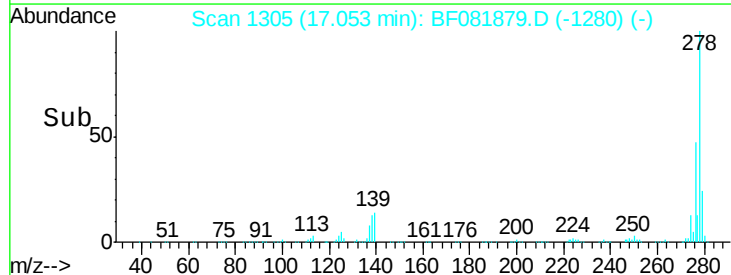
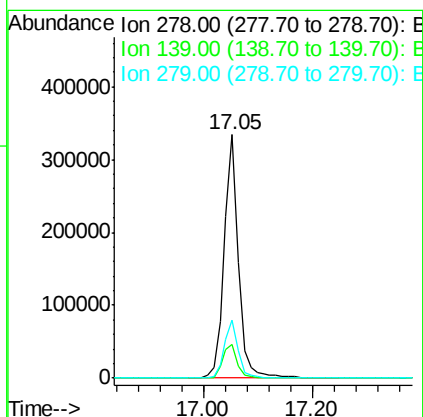
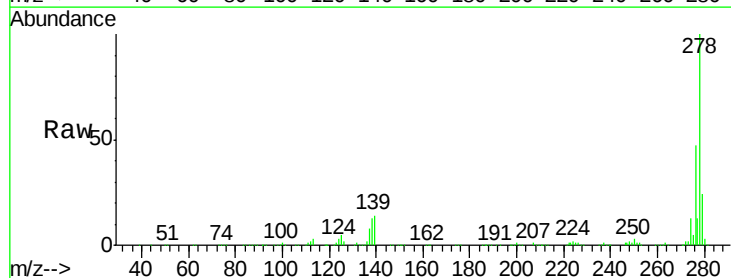
Instrument :
BNA_F
ClientSampleId :
PB85668BS

Tgt Ion: 252 Resp: 742080
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 9.1 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 47.28 ng
RT: 17.05 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF081879.D
Acq: 29 Sep 2015 14:53

Tgt Ion: 278 Resp: 614272
Ion Ratio Lower Upper
278 100
139 14.1 26.3 39.5#
279 23.8 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 46.85 ng

RT: 17.48 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF081879.D

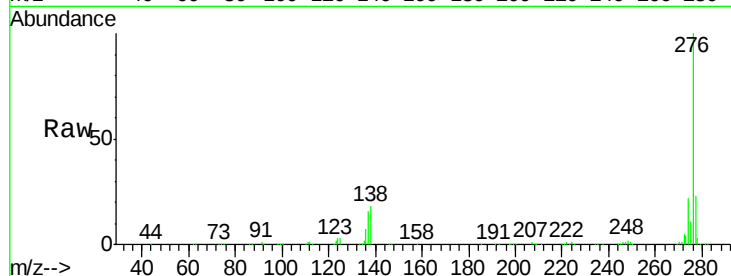
Acq: 29 Sep 2015 14:53

Instrument :

BNA_F

ClientSampleId :

PB85668BS



Tgt Ion: 276 Resp: 623773

Ion Ratio Lower Upper

276 100

277 23.3 17.8 26.6

138 18.3 34.6 51.8#

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

