

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081178.D
 Acq On : 24 Aug 2015 20:00
 Operator : UM/IZ
 Sample : G3386-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

Quant Time: Aug 24 23:20:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	66200	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	269385	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	118126	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	248822	20.00	ng	0.00
75) Chrysene-d12	13.66	240	211871	20.00	ng	0.00
86) Perylene-d12	14.99	264	155144	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.12	112	545087	123.85	ng	0.02
7) Phenol-d6	6.20	99	662003	115.28	ng	0.00
23) Nitrobenzene-d5	7.11	82	448786	76.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	111076	108.48	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	628837	69.75	ng	0.00
78) Terphenyl-d14	12.62	244	617166	62.45	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.00	88	66219	31.93	ng	# 93
3) Pyridine	2.61	79	145415	24.84	ng	# 81
4) n-Nitrosodimethylamine	2.56	42	112389	34.48	ng	# 78
6) Aniline	6.21	93	217148	26.01	ng	# 8
8) 2-Chlorophenol	6.32	128	180920	37.55	ng	91
9) Benzaldehyde	6.08	77	52473	14.17	ng	90
10) Phenol	6.21	94	219838	32.41	ng	95
11) bis(2-Chloroethyl)ether	6.29	93	185166	35.58	ng	87
12) 1,3-Dichlorobenzene	6.48	146	192401	37.17	ng	97
13) 1,4-Dichlorobenzene	6.56	146	195153	38.07	ng	99
14) 1,2-Dichlorobenzene	6.71	146	167196	34.85	ng	98
15) Benzyl Alcohol	6.70	79	170886	36.78	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	375580	36.73	ng	98
17) 2-Methylphenol	6.82	107	172063	41.63	ng	94
18) Hexachloroethane	7.05	117	76588	36.98	ng	99
19) n-Nitroso-di-n-propylamine	6.97	70	144712	36.38	ng	91
20) 3+4-Methylphenols	6.97	107	200731	38.26	ng	# 66
22) Acetophenone	6.96	105	272759	38.57	ng	# 87
24) Nitrobenzene	7.13	77	221369	35.90	ng	97
25) Isophorone	7.37	82	398644	36.25	ng	98
26) 2-Nitrophenol	7.45	139	104430	40.73	ng	# 71
27) 2,4-Dimethylphenol	7.50	122	169945	37.46	ng	92
28) bis(2-Chloroethoxy)methane	7.60	93	261270	40.22	ng	99
29) 2,4-Dichlorophenol	7.69	162	143257	37.51	ng	89
30) 1,2,4-Trichlorobenzene	7.77	180	153482	36.16	ng	98
31) Naphthalene	7.85	128	570167	37.97	ng	99
32) Benzoic acid	7.64	122	82456	32.32	ng	# 79
33) 4-Chloroaniline	7.91	127	153549	24.23	ng	# 86
34) Hexachlorobutadiene	7.98	225	91063	37.94	ng	97
35) Caprolactam	8.29	113	35223	26.39	ng	# 66
36) 4-Chloro-3-methylphenol	8.40	107	168531	37.03	ng	99
37) 2-Methylnaphthalene	8.54	142	346702	36.55	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	149461	39.22	ng	99
40) Hexachlorocyclopentadiene	8.70	237	152502	77.31	ng	98

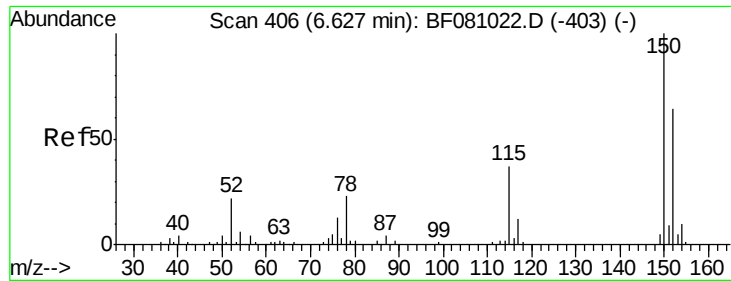
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	108384	40.25	ng	98
43) 2,4,5-Trichlorophenol	8.87	196	108746	40.41	ng	95
45) 1,1'-Biphenyl	9.01	154	442294	42.51	ng	97
46) 2-Chloronaphthalene	9.02	162	310759	37.18	ng	# 91
47) 2-Nitroaniline	9.12	65	125038	36.55	ng	98
48) Acenaphthylene	9.43	152	494168	33.05	ng	98
49) Dimethylphthalate	9.32	163	502536	51.66	ng	99
50) 2,6-Dinitrotoluene	9.37	165	80172	38.38	ng	# 78
51) Acenaphthene	9.60	154	287881	32.16	ng	99
52) 3-Nitroaniline	9.53	138	66871	25.58	ng	98
53) 2,4-Dinitrophenol	9.65	184	83697	73.22	ng	# 74
54) Dibenzofuran	9.77	168	435045	36.27	ng	92
55) 4-Nitrophenol	9.72	139	135970	74.07	ng	# 81
56) 2,4-Dinitrotoluene	9.77	165	102870	37.16	ng	# 68
57) Fluorene	10.12	166	344581	37.34	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	81497	39.13	ng	98
59) Diethylphthalate	10.01	149	394919	38.35	ng	98
60) 4-Chlorophenyl-phenylether	10.12	204	155256	39.76	ng	97
61) 4-Nitroaniline	10.15	138	100992	37.80	ng	92
62) Azobenzene	10.28	77	490684	41.35	ng	94
64) 4,6-Dinitro-2-methylphenol	10.17	198	55388	37.27	ng	91
65) n-Nitrosodiphenylamine	10.24	169	338990	38.17	ng	99
66) 4-Bromophenyl-phenylether	10.60	248	86626	35.44	ng	# 62
67) Hexachlorobenzene	10.66	284	92410	37.33	ng	# 83
68) Atrazine	10.77	200	95526	38.60	ng	98
69) Pentachlorophenol	10.86	266	111430	75.02	ng	99
70) Phenanthrene	11.07	178	476852	32.34	ng	100
71) Anthracene	11.12	178	560430	39.06	ng	98
72) Carbazole	11.28	167	538481	38.98	ng	97
73) Di-n-butylphthalate	11.63	149	666673	39.88	ng	99
74) Fluoranthene	12.24	202	585117	36.77	ng	95
76) Benzidine	12.37	184	156499	19.55	ng	99
77) Pyrene	12.47	202	590282	34.27	ng	99
79) Butylbenzylphthalate	13.10	149	262310	35.43	ng	# 63
80) Benzo(a)anthracene	13.65	228	481400	33.88	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	126122	27.40	ng	# 94
82) Chrysene	13.68	228	421201	32.89	ng	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	374161	39.46	ng	99
84) Di-n-octyl phthalate	14.28	149	625378	43.39	ng	99
85) Indeno(1,2,3-cd)pyrene	16.16	276	319502	35.54	ng	# 94
87) Benzo(b)fluoranthene	14.67	252	803060	73.18	ng	98
88) Benzo(k)fluoranthene	14.67	252	803060	78.53	ng	# 96
89) Benzo(a)pyrene	14.94	252	364061	38.07	ng	98
90) Dibenzo(a,h)anthracene	16.17	278	260801	35.00	ng	# 92
91) Benzo(g,h,i)perylene	16.52	276	262002	34.66	ng	# 94

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

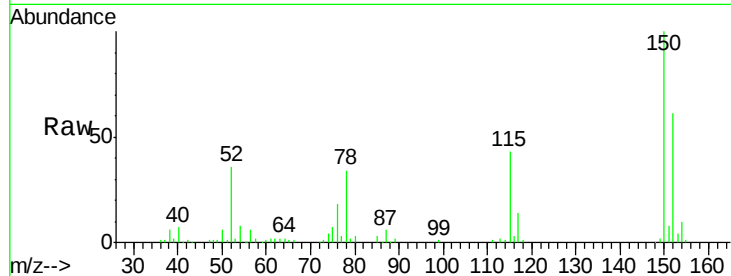


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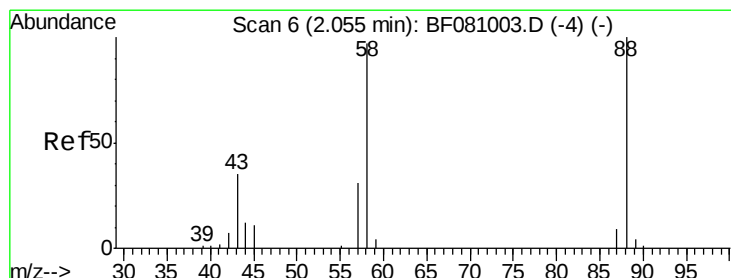
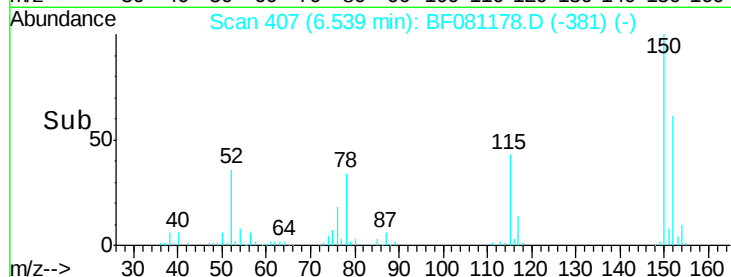
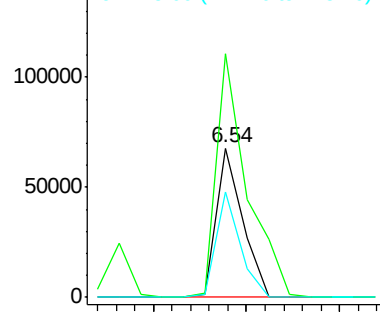
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

Tgt Ion:152 Resp: 66200
Ion Ratio Lower Upper
152 100
150 163.1 123.8 185.6
115 70.7 52.1 78.1



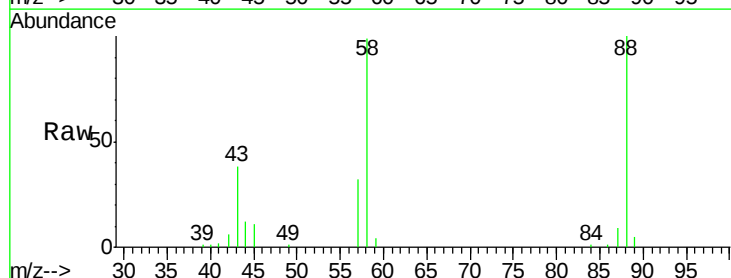
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



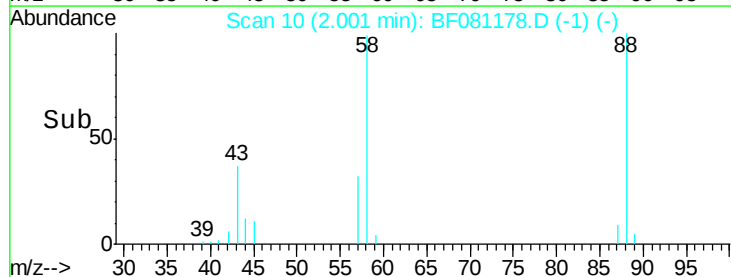
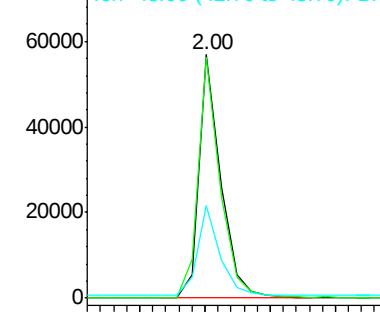
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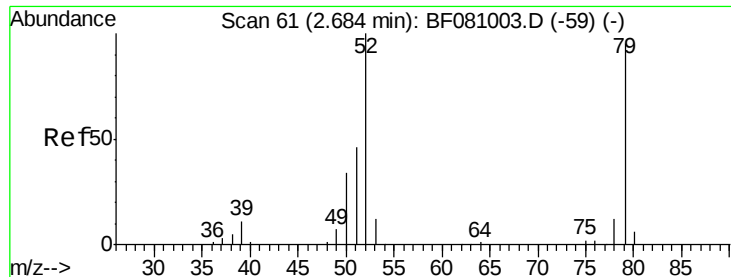
1,4-Dioxane
Concen: 31.93 ng
RT: 2.00 min Scan# 10
Delta R.T. 0.07 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

Tgt Ion: 88 Resp: 66219
Ion Ratio Lower Upper
88 100
58 100.5 83.7 125.5
43 37.3 37.5 56.3#



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





#3

Pyridine

Concen: 24.84 ng

RT: 2.61 min Scan# 63

Delta R.T. 0.07 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

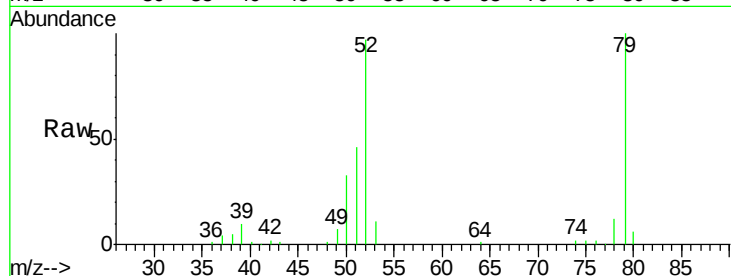
Tgt Ion: 79 Resp: 145415

Ion Ratio Lower Upper

79 100

52 96.6 95.1 142.7

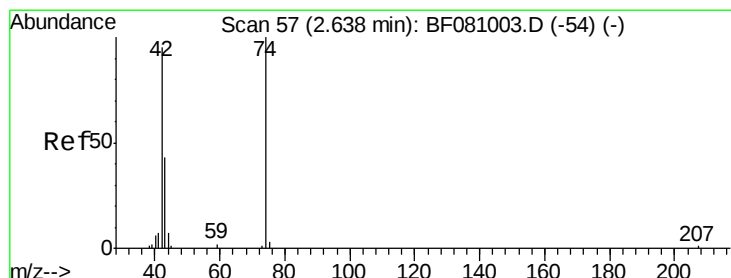
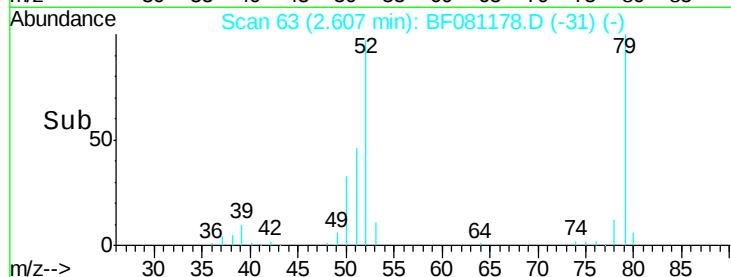
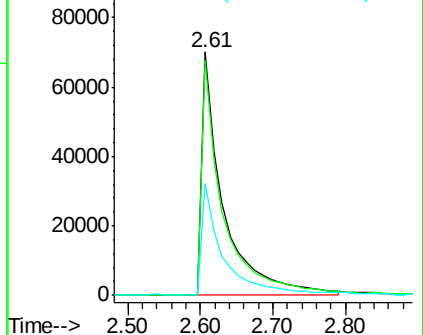
51 45.7 46.6 70.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.48 ng

RT: 2.56 min Scan# 59

Delta R.T. 0.06 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

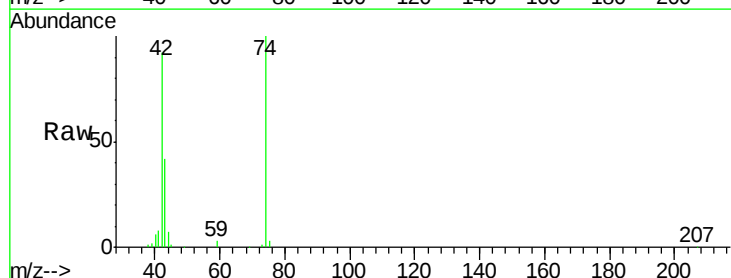
Tgt Ion: 42 Resp: 112389

Ion Ratio Lower Upper

42 100

74 108.5 69.3 103.9#

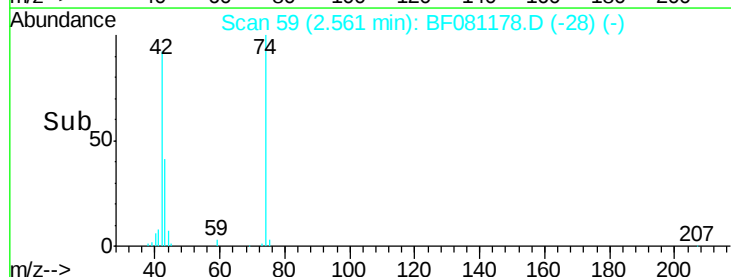
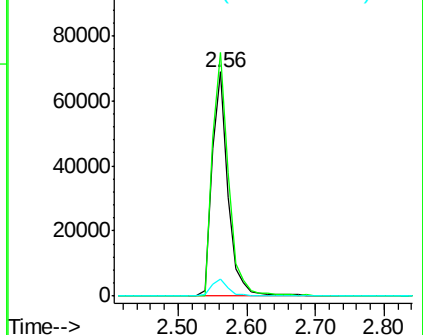
44 7.6 5.5 8.3

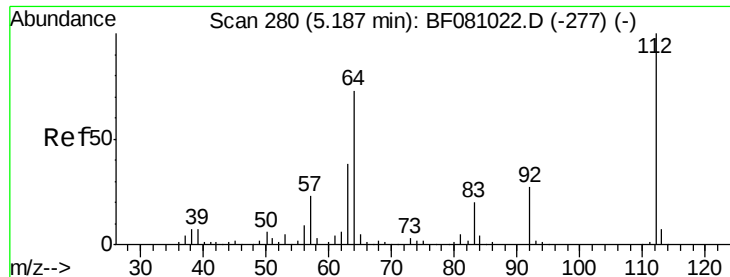


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 123.85 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

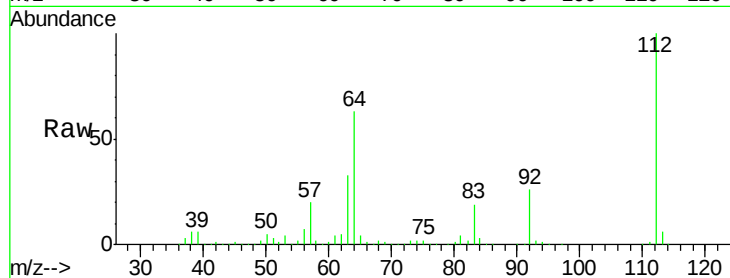
Tgt Ion: 112 Resp: 545087

Ion Ratio Lower Upper

112 100

64 63.0 66.9 100.3#

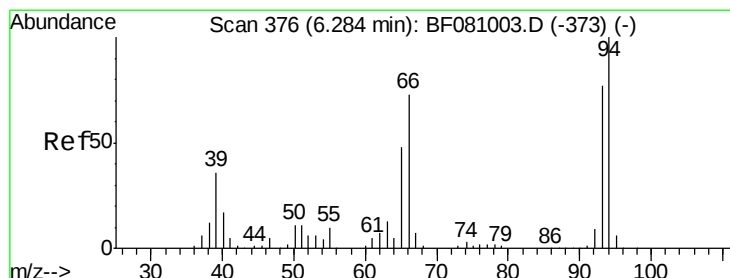
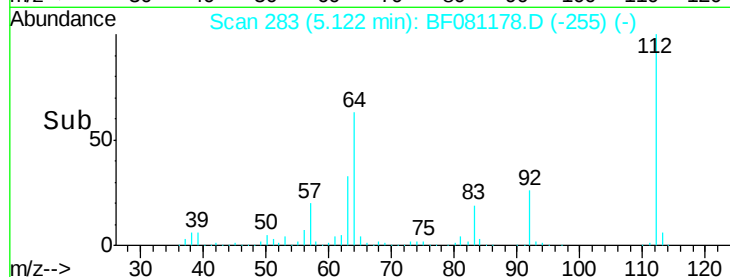
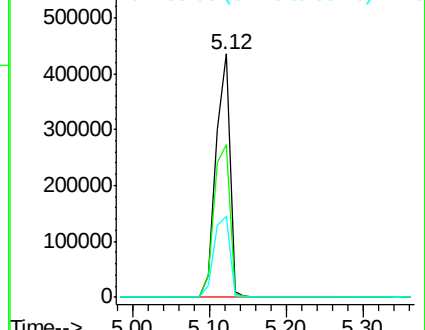
63 33.0 38.1 57.1#



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: 26.01 ng

RT: 6.21 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

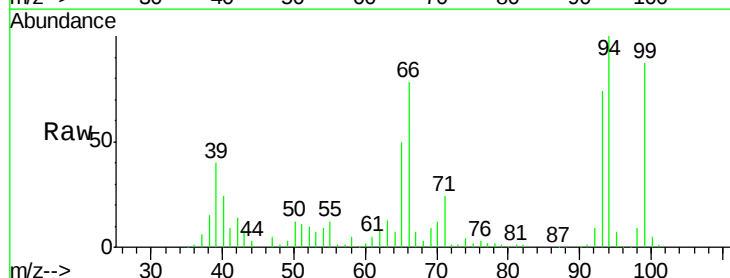
Tgt Ion: 93 Resp: 217148

Ion Ratio Lower Upper

93 100

66 104.8 35.6 53.4#

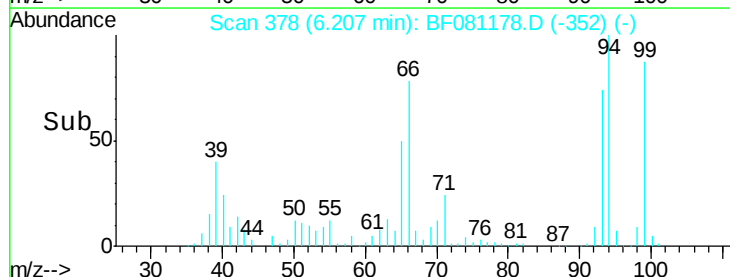
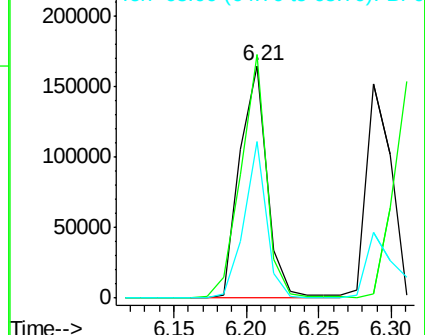
65 67.3 18.7 28.1#



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: 115.28 ng

RT: 6.20 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

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ClientSampleId :

P001-BF001-01MS

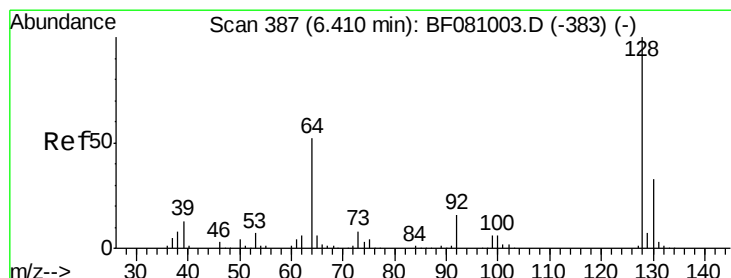
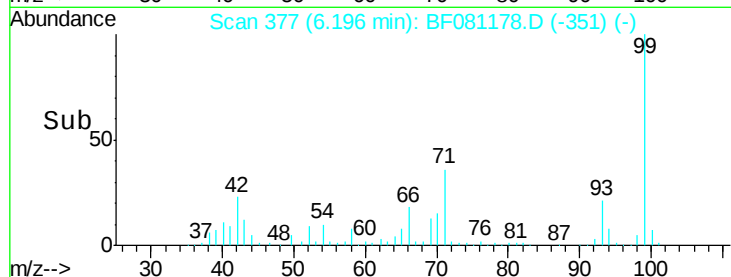
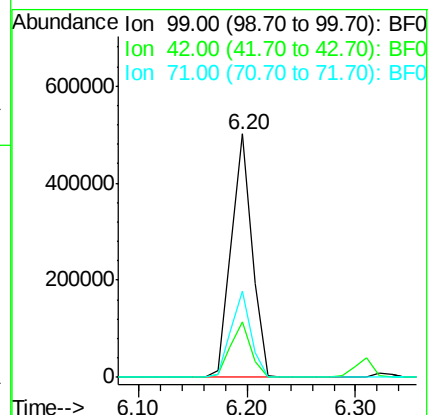
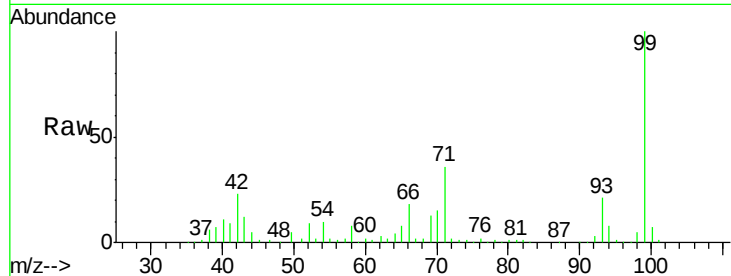
Tgt Ion: 99 Resp: 662003

Ion Ratio Lower Upper

99 100

42 22.7 19.6 29.4

71 35.6 31.2 46.8



#8

2-Chlorophenol

Concen: 37.55 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

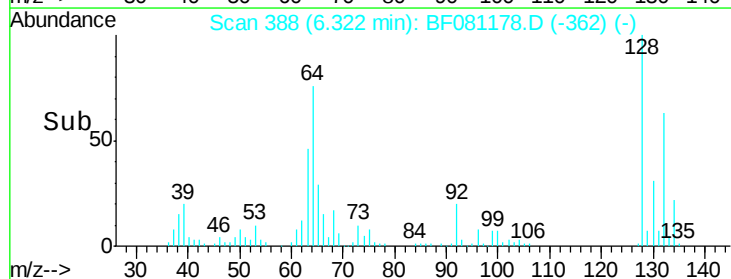
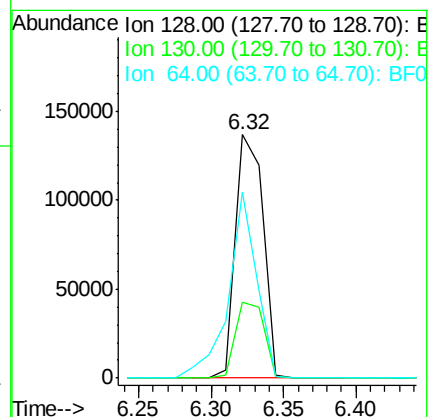
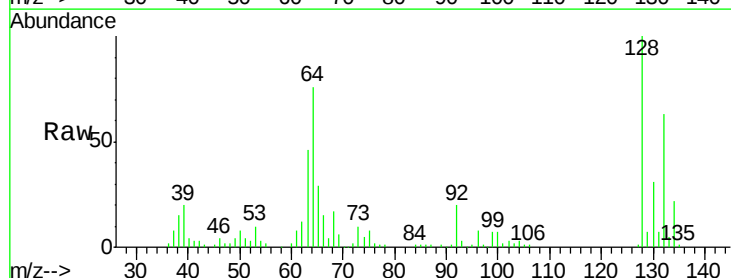
Tgt Ion: 128 Resp: 180920

Ion Ratio Lower Upper

128 100

130 31.1 12.5 52.5

64 76.4 46.8 86.8

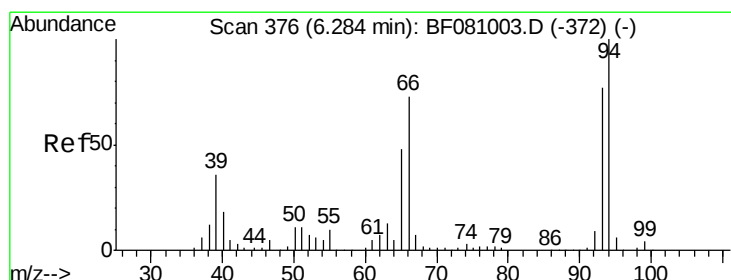
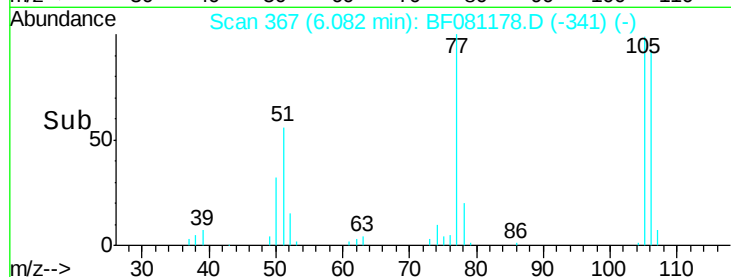
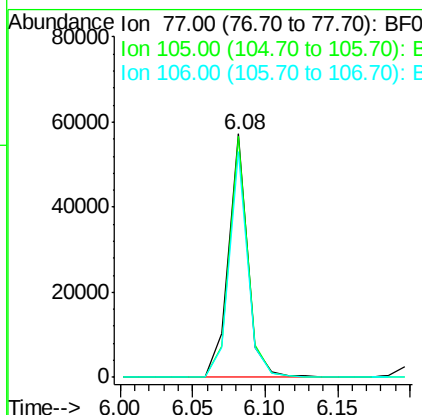
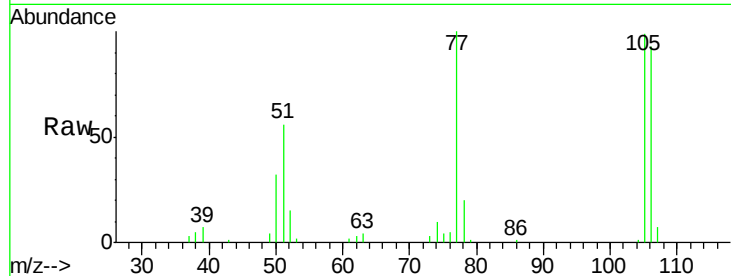




#9
Benzaldehyde
Concen: 14.17 ng
RT: 6.08 min Scan# 367
Delta R.T. 0.00 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

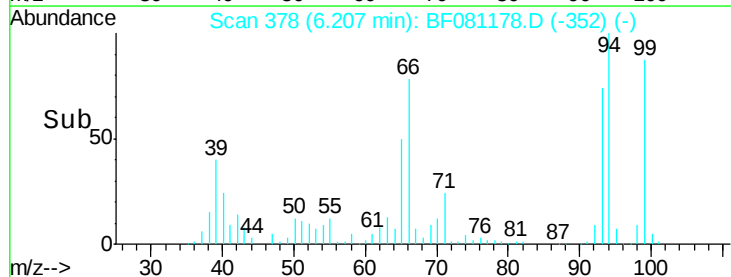
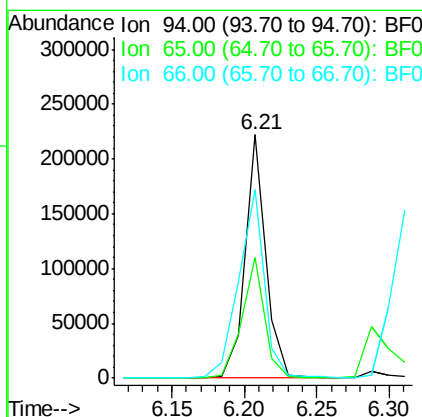
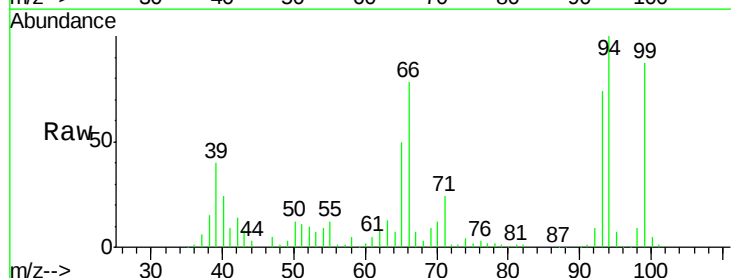
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

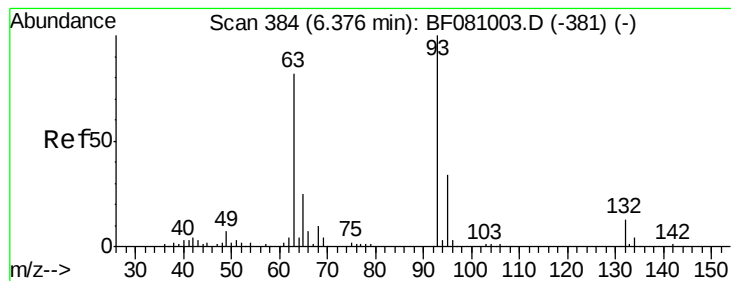
Tgt Ion: 77 Resp: 52473
Ion Ratio Lower Upper
77 100
105 98.8 69.6 109.6
106 92.7 64.0 104.0



#10
Phenol
Concen: 32.41 ng
RT: 6.21 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

Tgt Ion: 94 Resp: 219838
Ion Ratio Lower Upper
94 100
65 49.8 28.4 68.4
66 77.6 52.3 92.3





#11

bis(2-Chloroethyl)ether

Concen: 35.58 ng

RT: 6.29 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

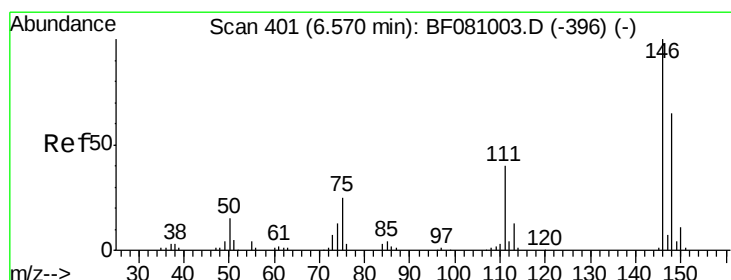
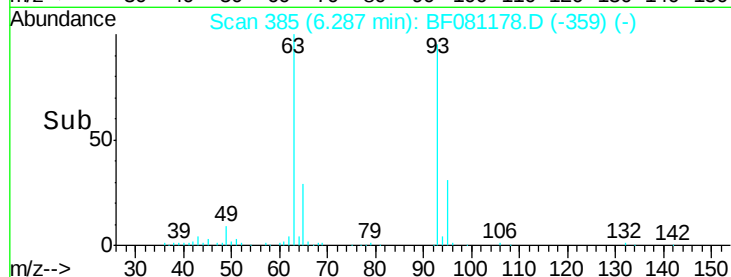
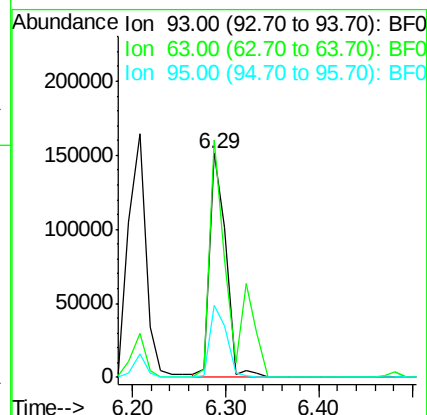
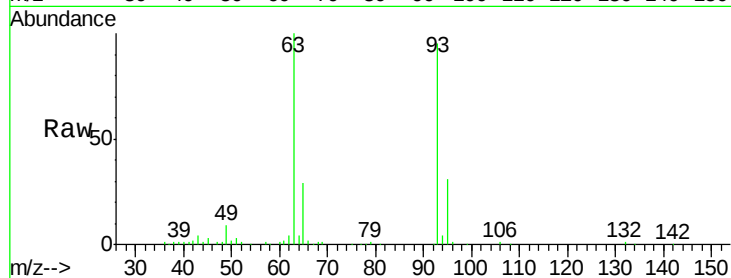
Tgt Ion: 93 Resp: 185166

Ion Ratio Lower Upper

93 100

63 105.7 69.6 109.6

95 32.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 37.17 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

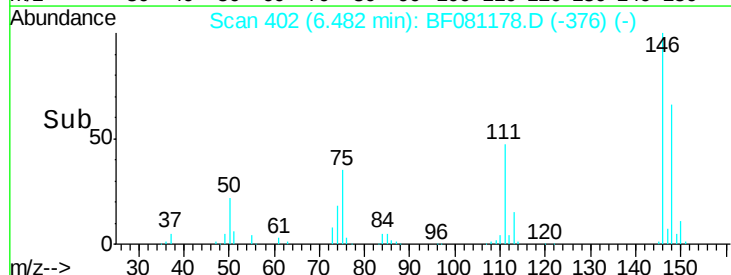
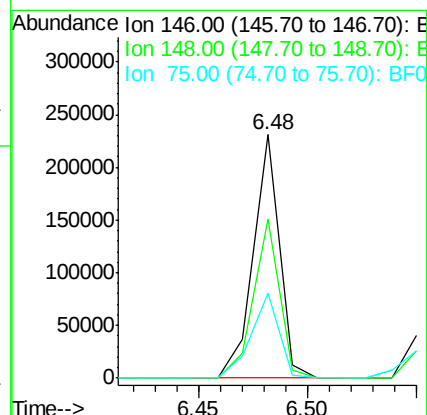
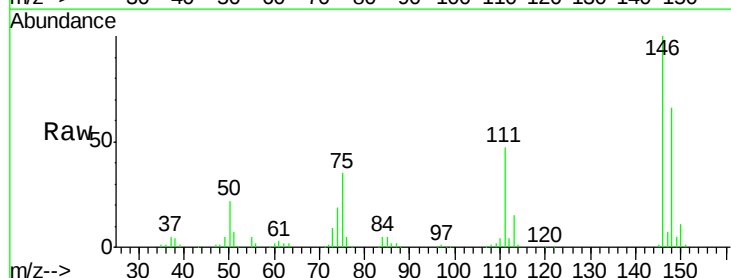
Tgt Ion: 146 Resp: 192401

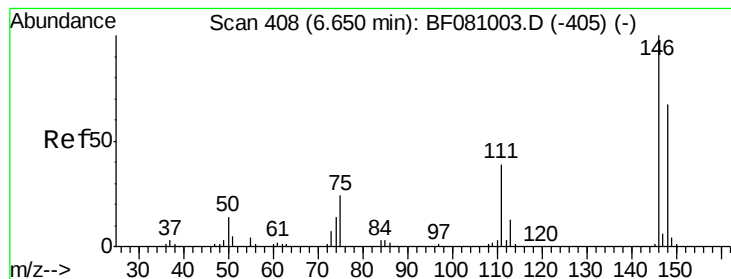
Ion Ratio Lower Upper

146 100

148 65.6 53.3 79.9

75 34.8 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 38.07 ng

RT: 6.56 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

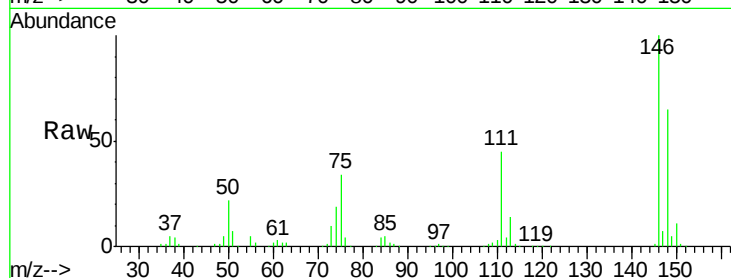
Tgt Ion:146 Resp: 195153

Ion Ratio Lower Upper

146 100

148 65.3 52.3 78.5

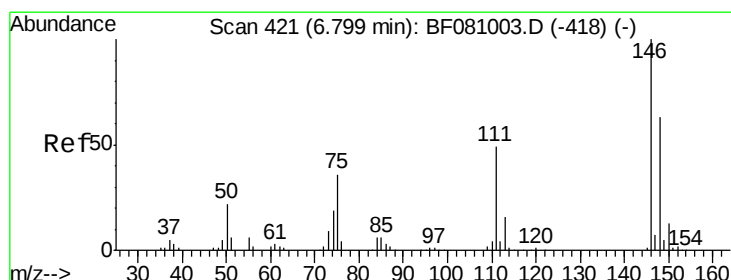
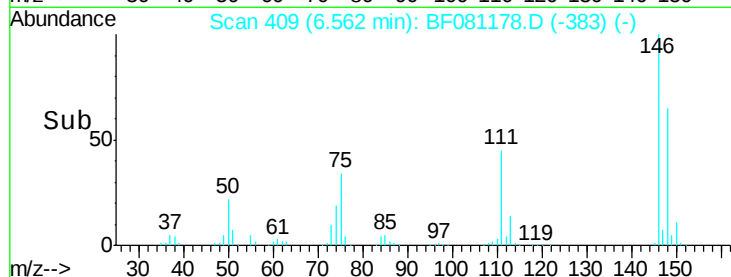
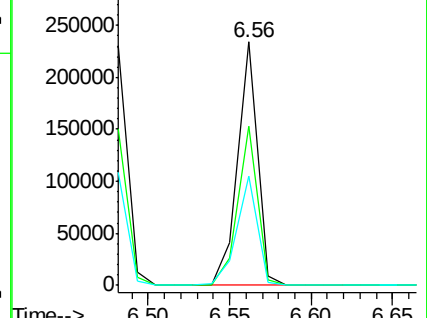
111 44.8 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.85 ng

RT: 6.71 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

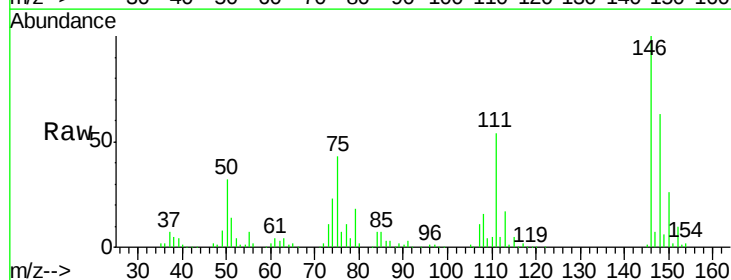
Tgt Ion:146 Resp: 167196

Ion Ratio Lower Upper

146 100

148 62.6 48.7 73.1

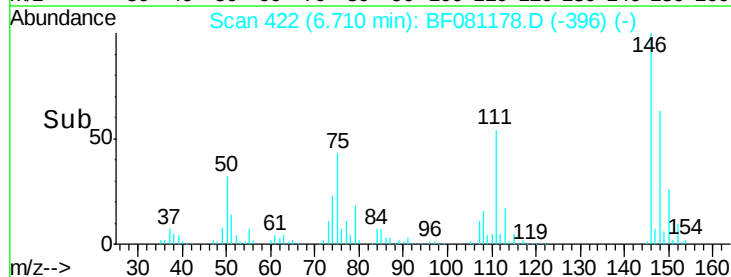
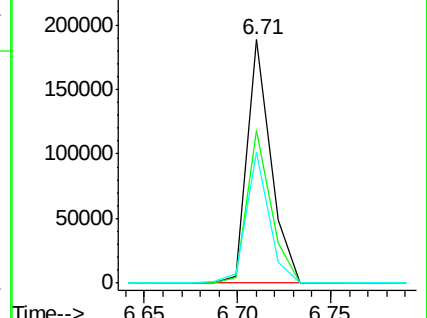
111 53.6 42.3 63.5

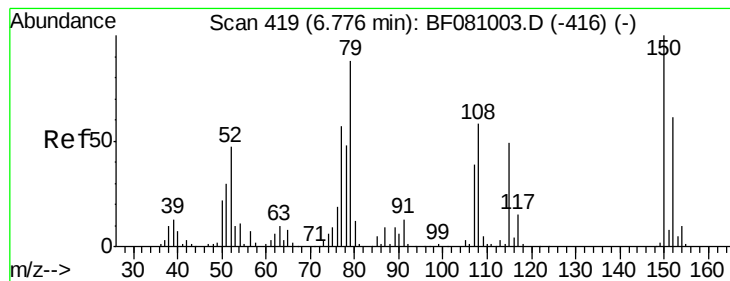


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.78 ng

RT: 6.70 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

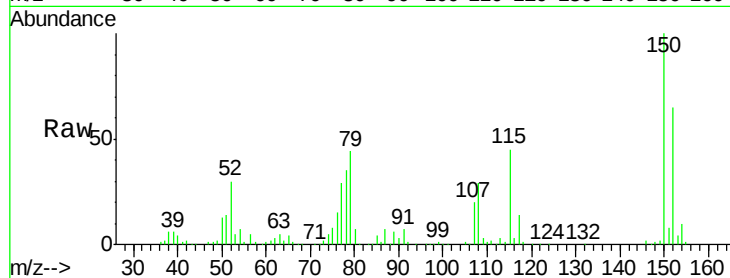
Tgt Ion: 79 Resp: 170886

Ion Ratio Lower Upper

79 100

108 66.4 49.4 74.2

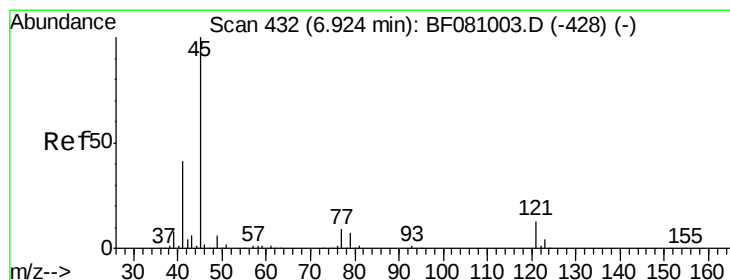
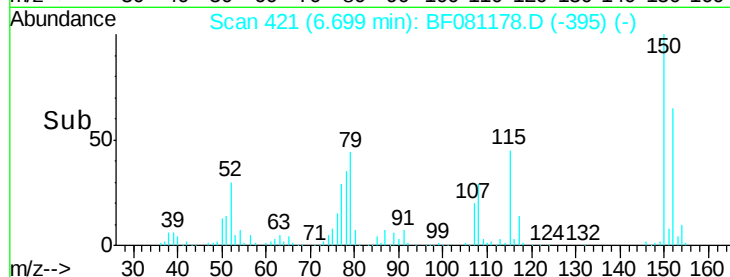
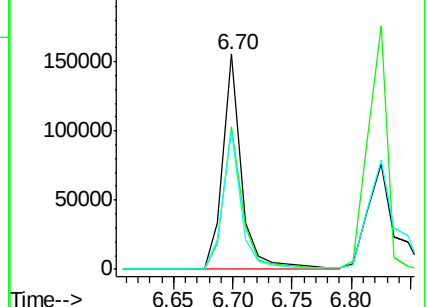
77 64.3 51.4 77.0



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: 36.73 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

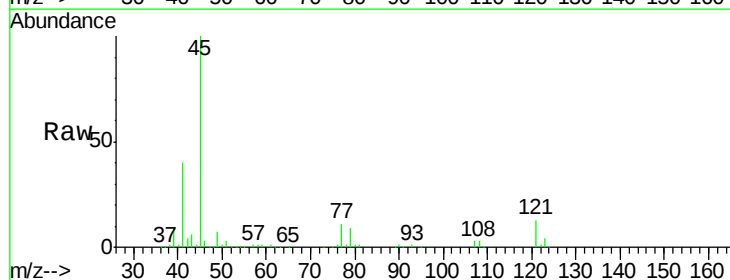
Tgt Ion: 45 Resp: 375580

Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.2

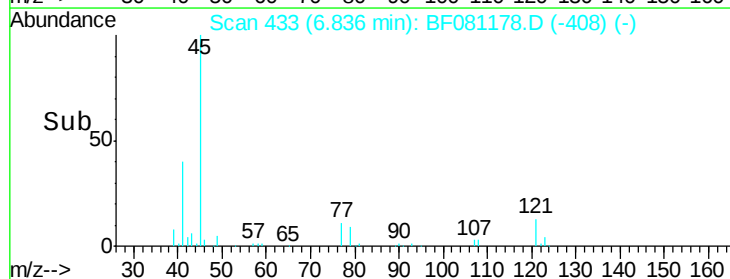
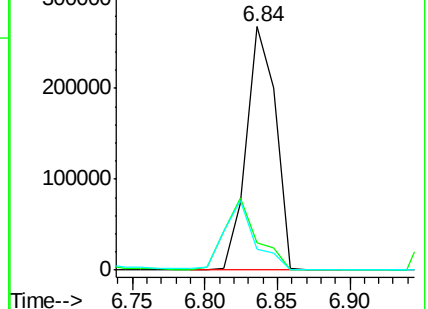
79 8.7 0.0 28.0

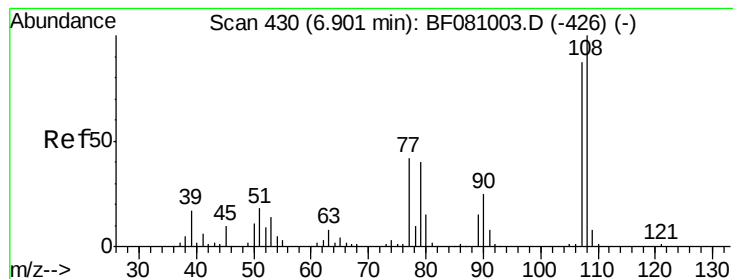


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.63 ng

RT: 6.82 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

Tgt Ion:107 Resp: 172063

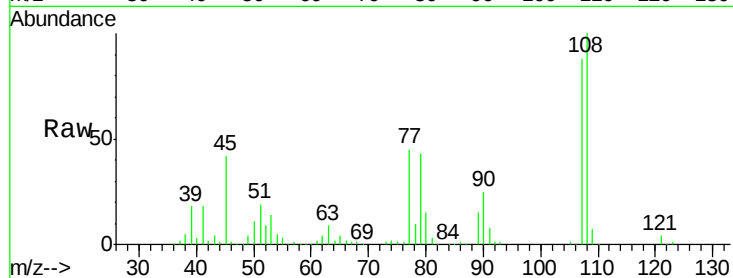
Ion Ratio Lower Upper

107 100

108 113.4 90.4 135.6

77 50.9 46.5 69.7

79 49.0 46.3 69.5

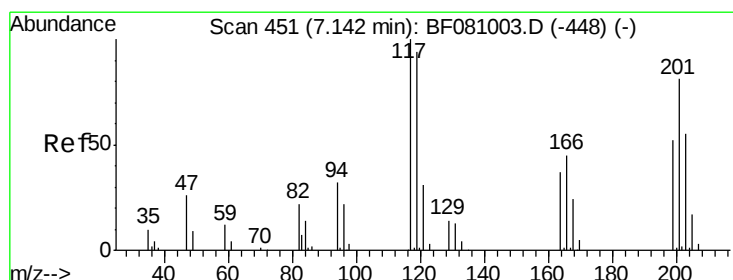
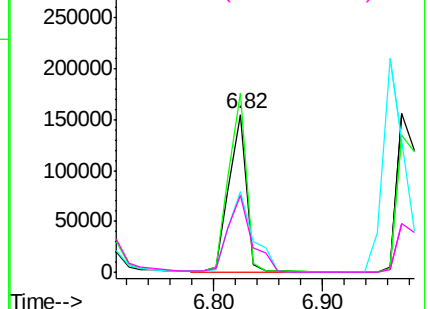
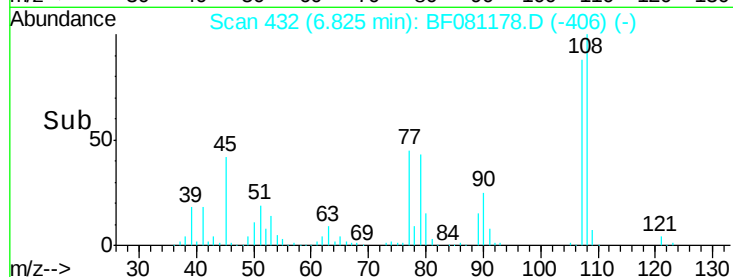


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.98 ng

RT: 7.05 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

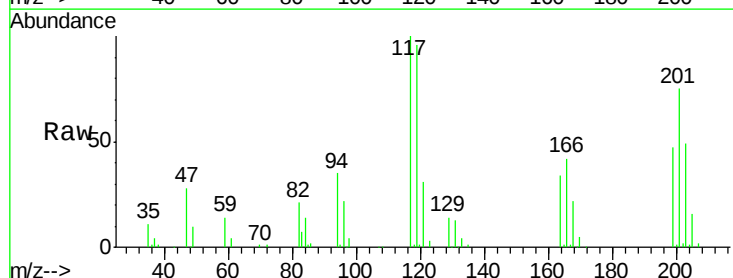
Tgt Ion:117 Resp: 76588

Ion Ratio Lower Upper

117 100

119 95.9 77.9 116.9

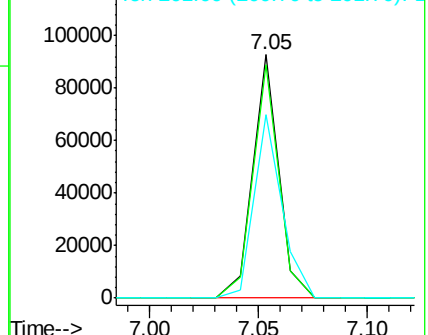
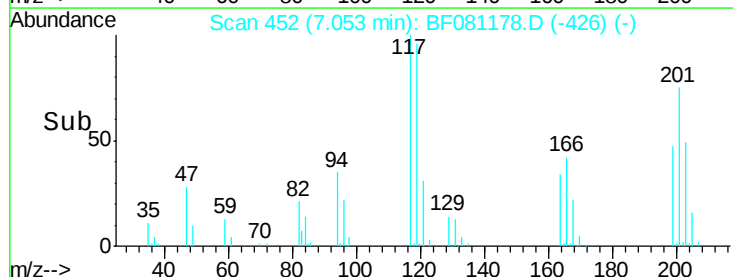
201 75.4 61.3 91.9

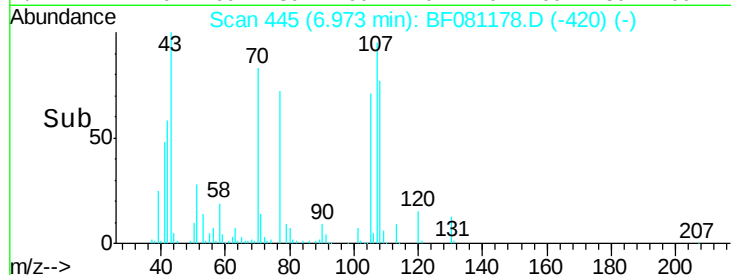
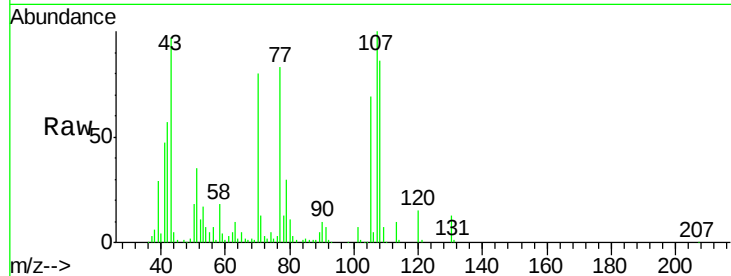
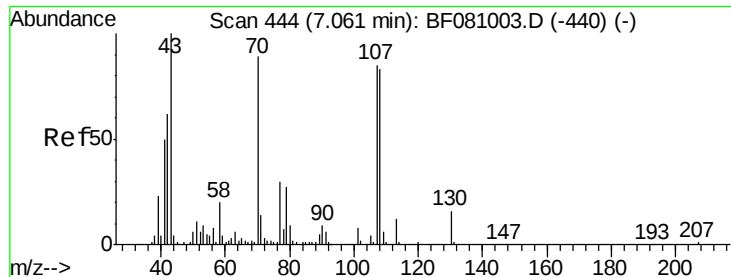


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

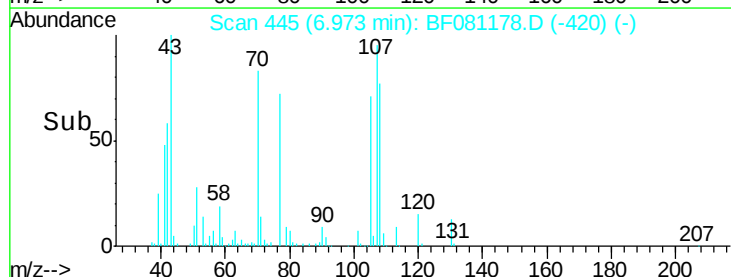
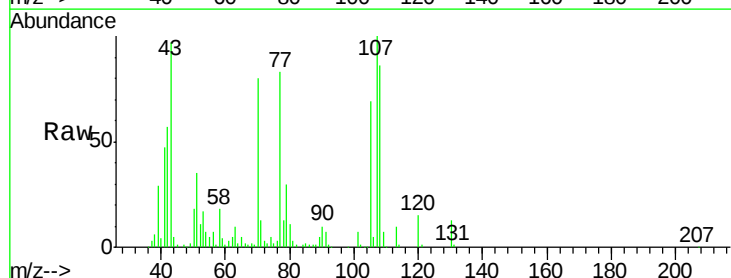
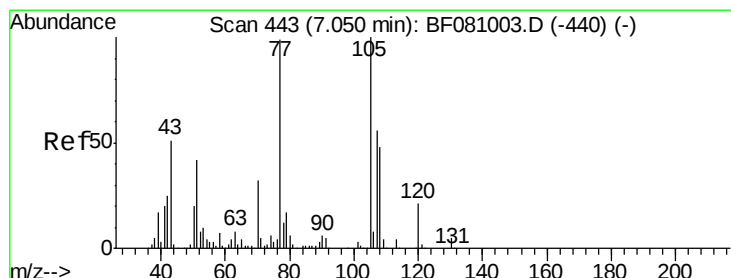
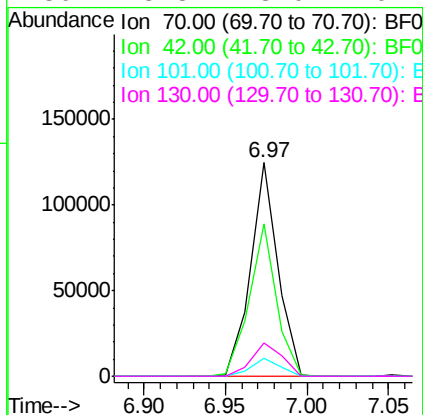




#19
n-Nitroso-di-n-propylamine
Concen: 36.38 ng
RT: 6.97 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

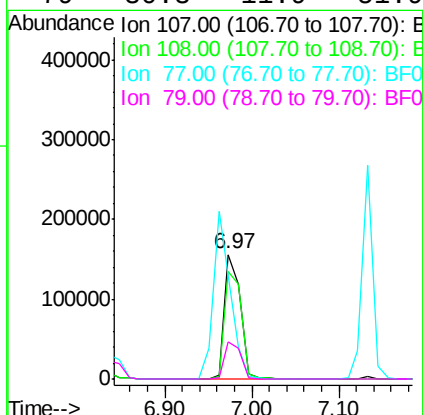
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

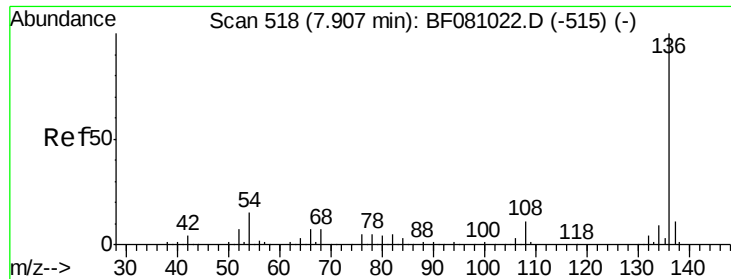
Tgt Ion:	70	Resp:	144712
Ion	Ratio	Lower	Upper
70	100		
42	71.2	65.0	97.4
101	8.4	7.4	11.2
130	15.8	13.0	19.4



#20
3+4-Methylphenols
Concen: 38.26 ng
RT: 6.97 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

Tgt Ion:	107	Resp:	200731
Ion	Ratio	Lower	Upper
107	100		
108	86.2	66.1	106.1
77	83.2	139.3	179.3#
79	30.3	11.9	51.9

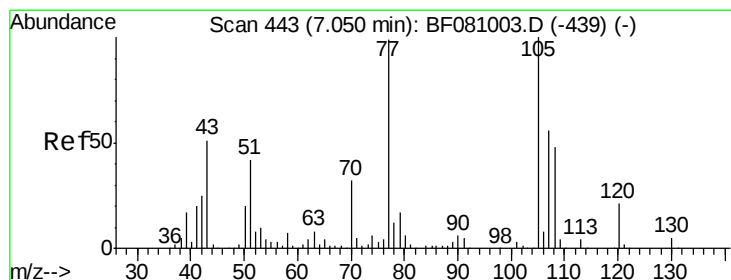
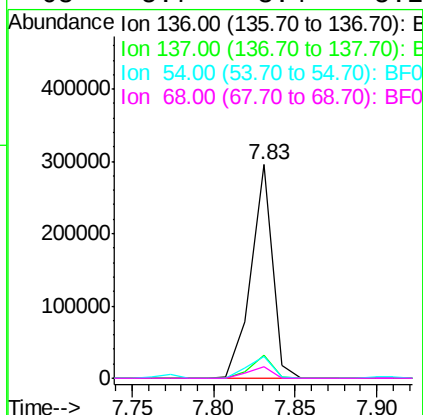
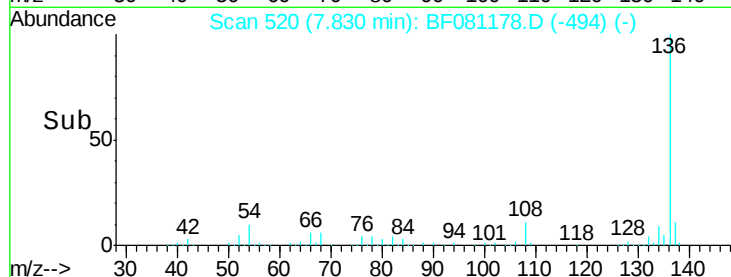
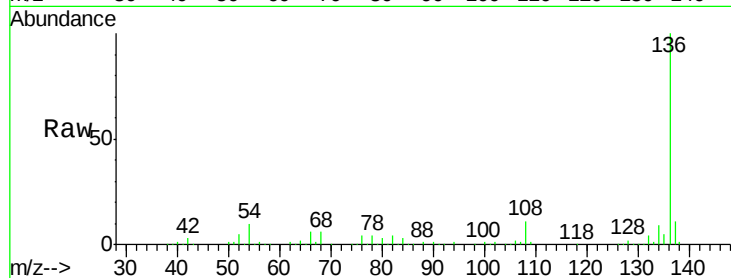




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

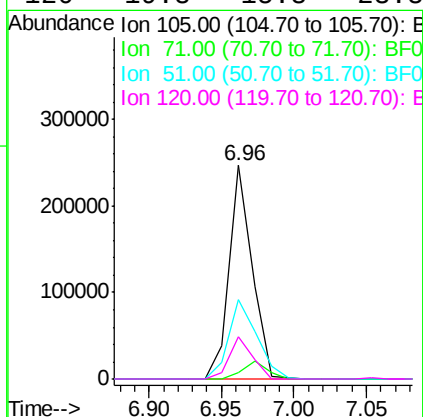
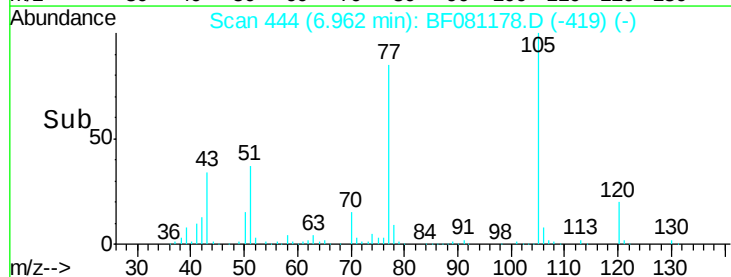
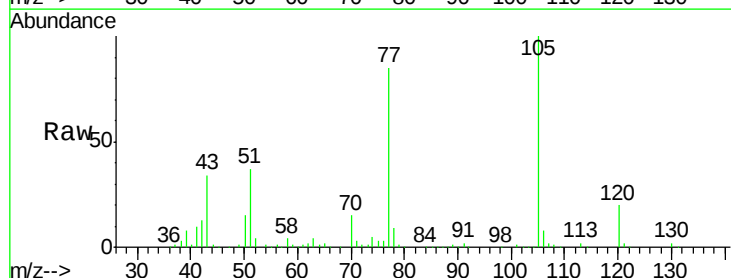
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

Tgt Ion:	136	Resp:	269385
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	10.2	7.7	11.5
68	5.7	3.4	5.2#



#22
Acetophenone
Concen: 38.57 ng
RT: 6.96 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

Tgt Ion:	105	Resp:	272759
Ion	Ratio	Lower	Upper
105	100		
71	2.8	3.0	4.6#
51	37.0	39.8	59.8#
120	19.8	15.8	23.8

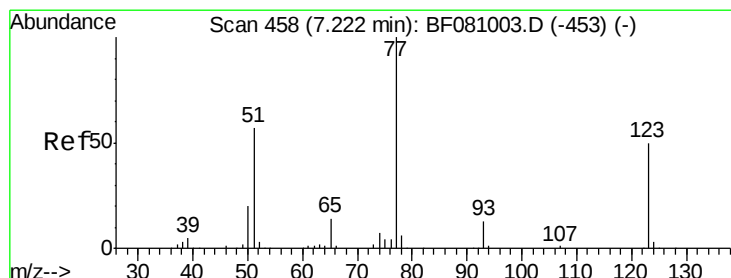
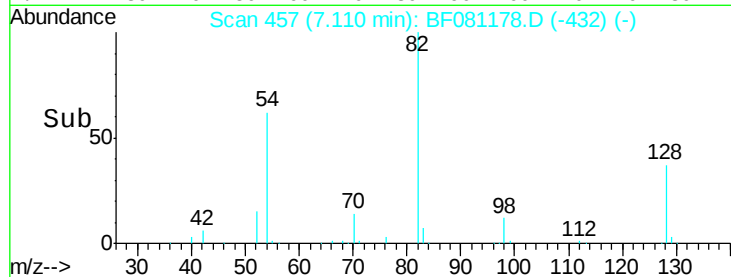
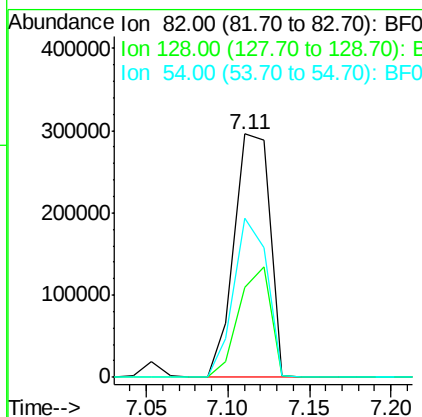
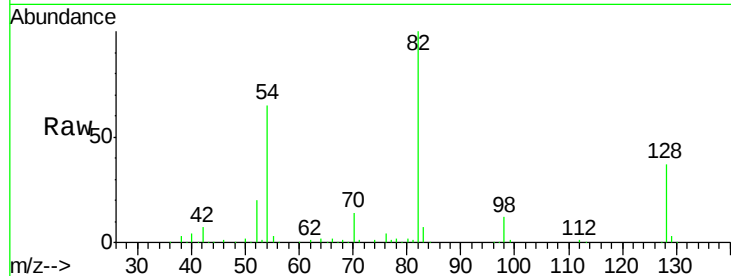




#23
 Nitrobenzene-d5
 Concen: 76.10 ng
 RT: 7.11 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

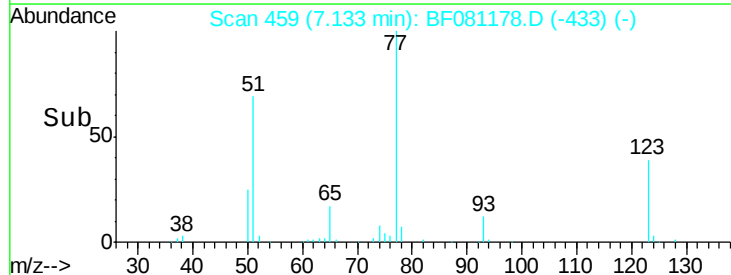
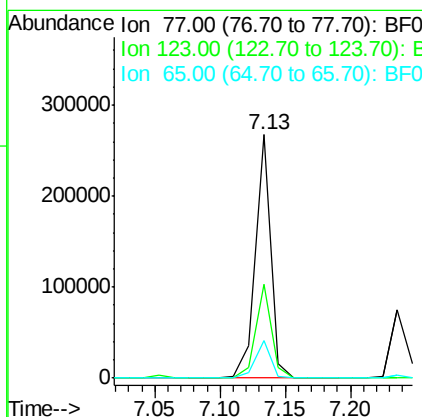
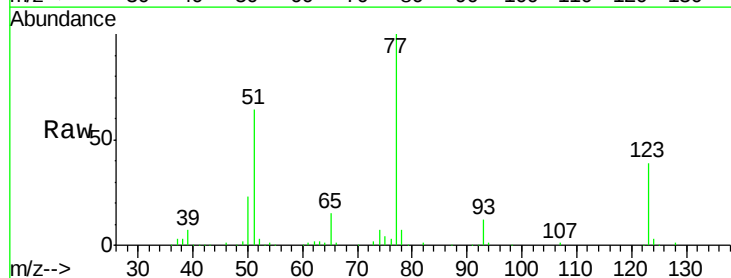
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

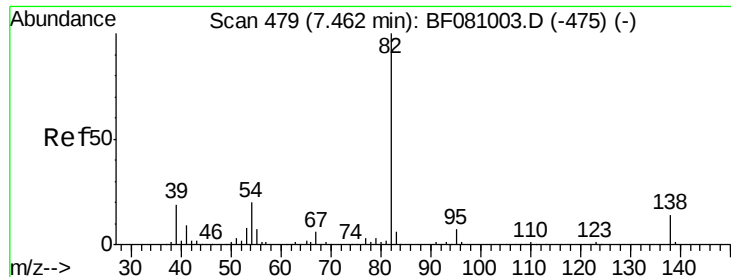
Tgt Ion:	82	Resp:	448786
Ion	Ratio	Lower	Upper
82	100		
128	37.2	28.6	42.8
54	65.2	55.1	82.7



#24
 Nitrobenzene
 Concen: 35.90 ng
 RT: 7.13 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Tgt Ion:	77	Resp:	221369
Ion	Ratio	Lower	Upper
77	100		
123	38.7	32.9	49.3
65	15.5	12.5	18.7

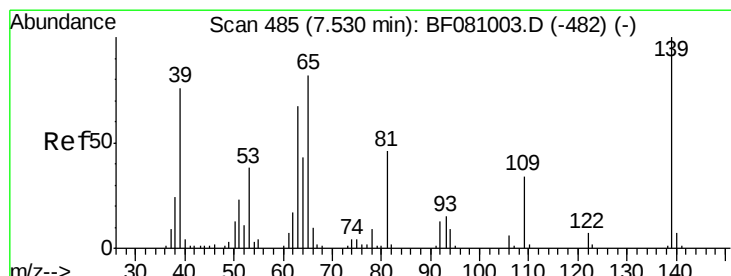
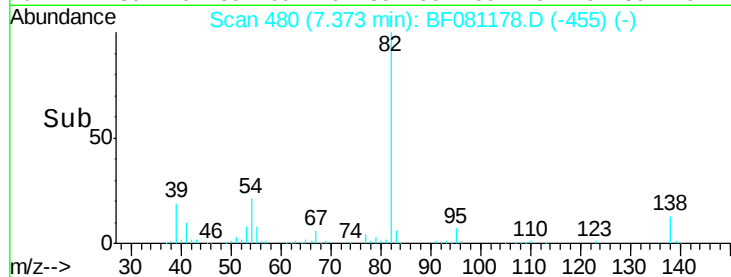
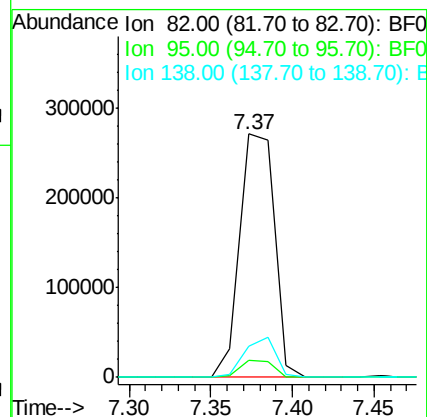
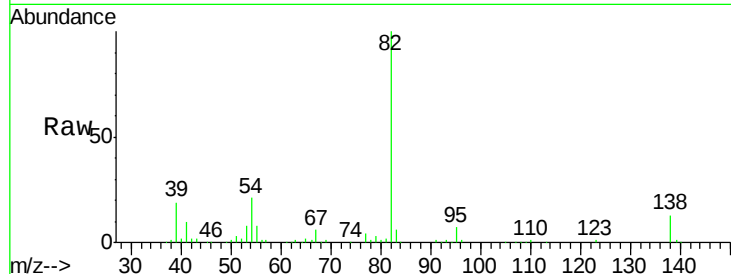




#25
Isophorone
Concen: 36.25 ng
RT: 7.37 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

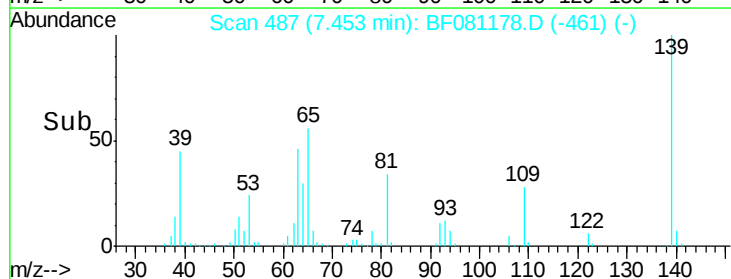
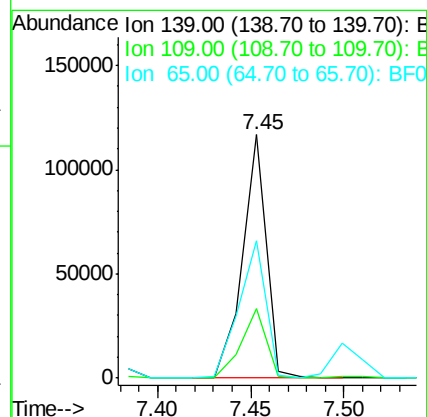
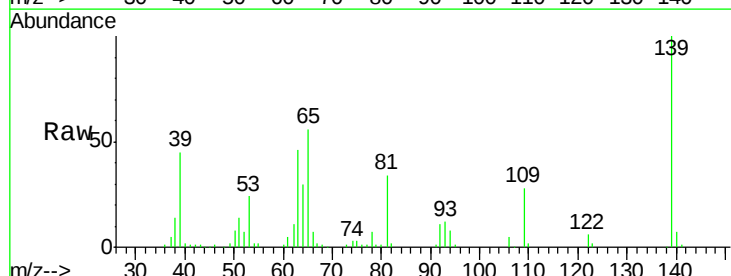
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

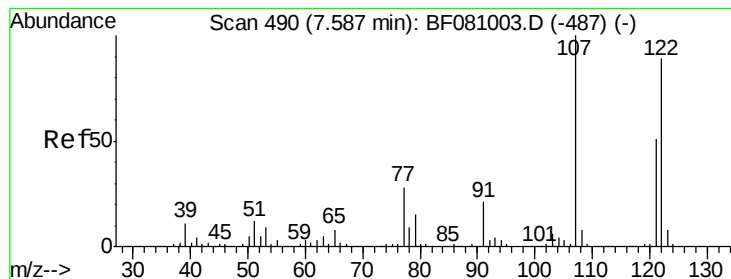
Tgt Ion: 82 Resp: 398644
Ion Ratio Lower Upper
82 100
95 6.8 6.2 9.2
138 12.8 10.5 15.7



#26
2-Nitrophenol
Concen: 40.73 ng
RT: 7.45 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

Tgt Ion: 139 Resp: 104430
Ion Ratio Lower Upper
139 100
109 28.4 32.1 48.1#
65 56.4 69.9 104.9#





#27

2,4-Dimethylphenol

Concen: 37.46 ng

RT: 7.50 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

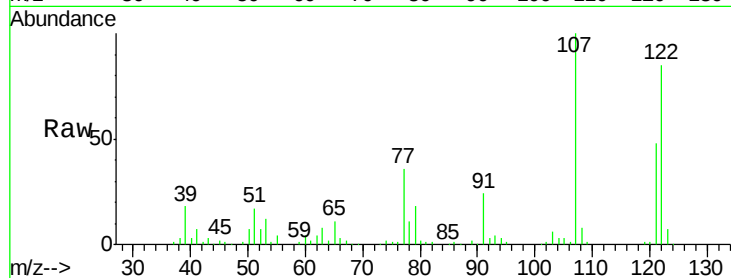
Tgt Ion: 122 Resp: 169945

Ion Ratio Lower Upper

122 100

107 117.5 103.8 155.6

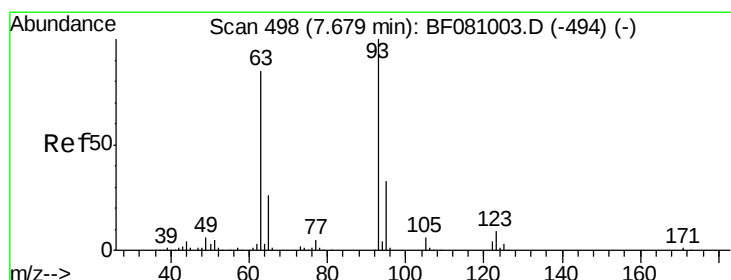
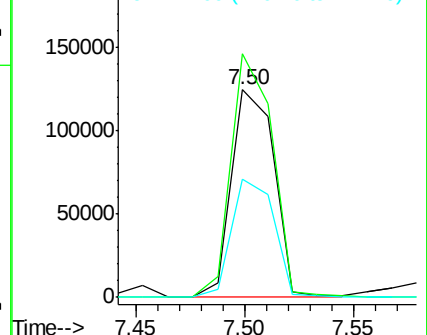
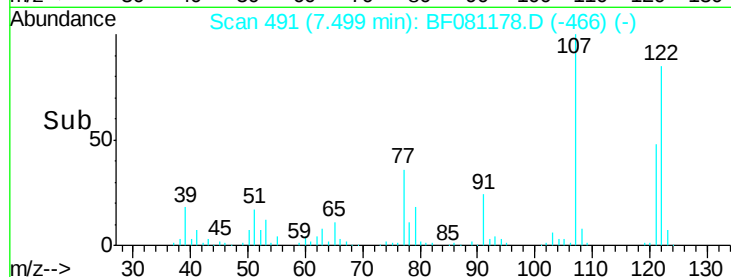
121 56.9 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.22 ng

RT: 7.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

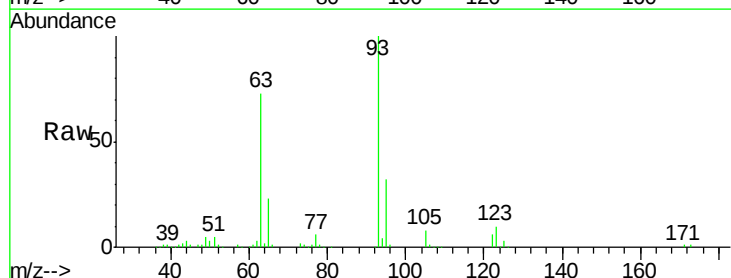
Tgt Ion: 93 Resp: 261270

Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.8

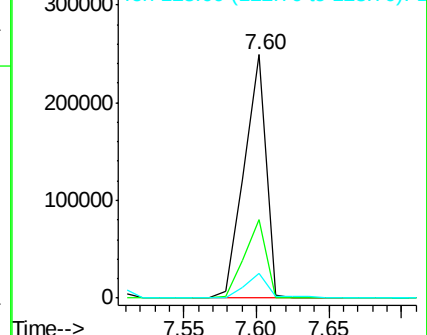
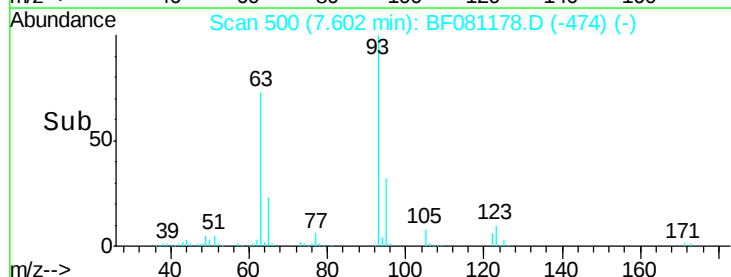
123 10.3 7.4 11.0

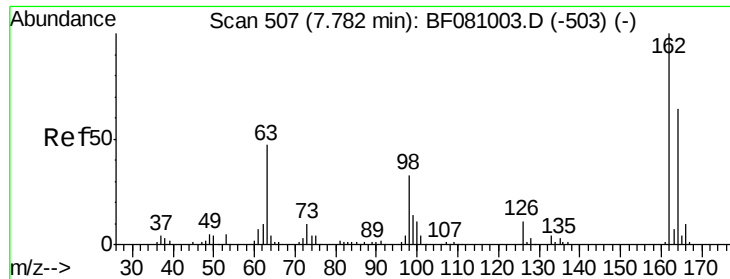


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

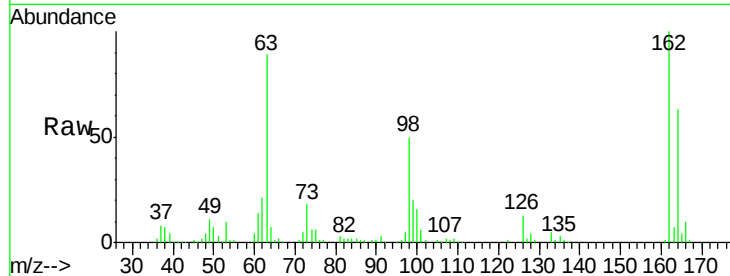




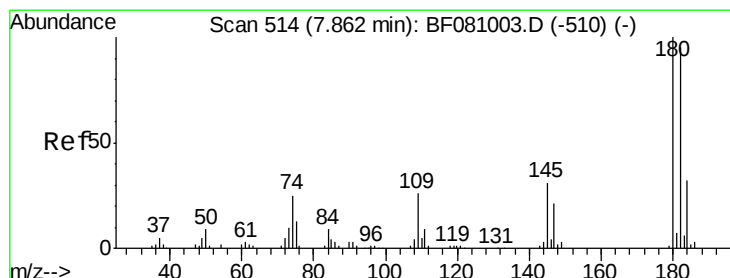
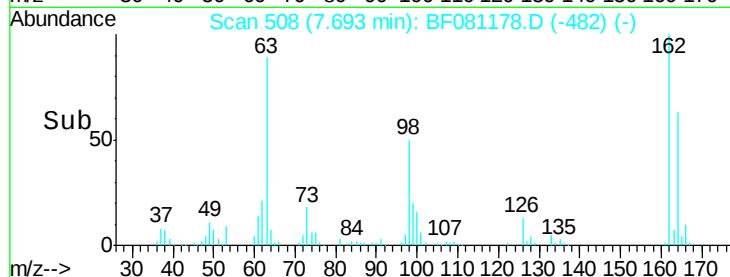
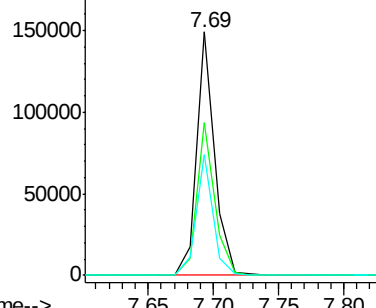
#29
 2,4-Dichlorophenol
 Concen: 37.51 ng
 RT: 7.69 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.2	83.2
98	49.7	12.3	52.3

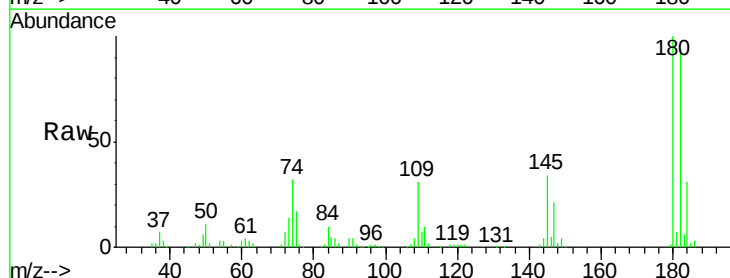


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

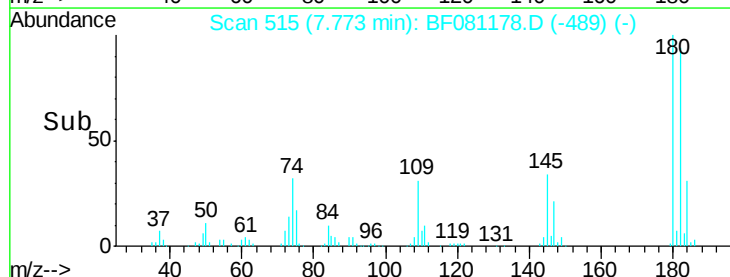
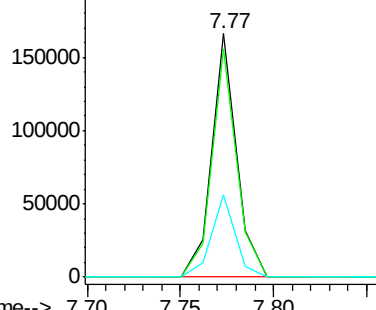


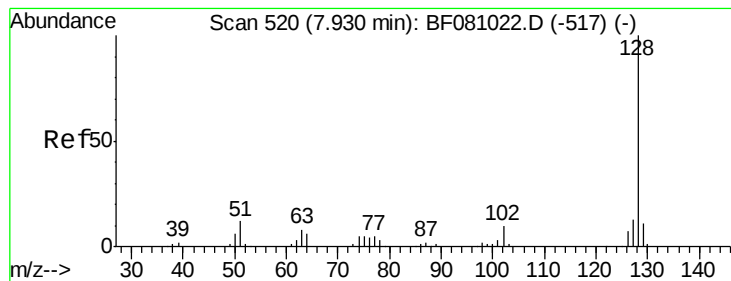
#30
 1,2,4-Trichlorobenzene
 Concen: 36.16 ng
 RT: 7.77 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.4	114.6
145	34.0	25.4	38.2



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





#31

Naphthalene

Concen: 37.97 ng

RT: 7.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

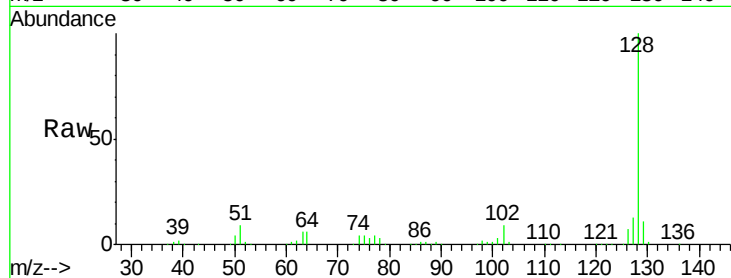
Tgt Ion:128 Resp: 570167

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

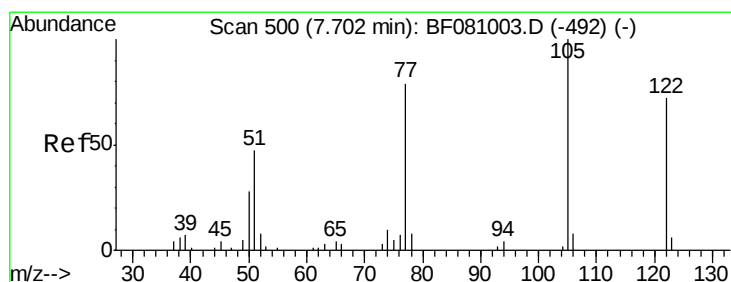
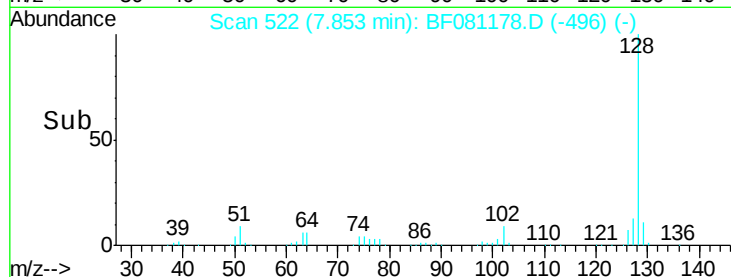
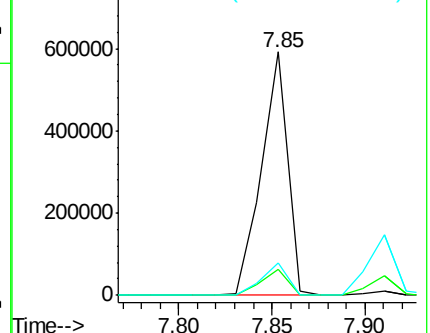
127 13.3 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.32 ng

RT: 7.64 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

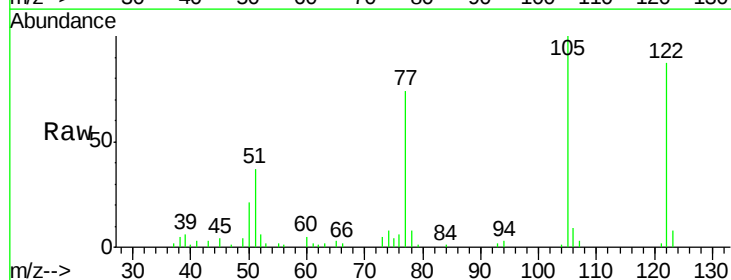
Tgt Ion:122 Resp: 82456

Ion Ratio Lower Upper

122 100

105 114.4 113.8 153.8

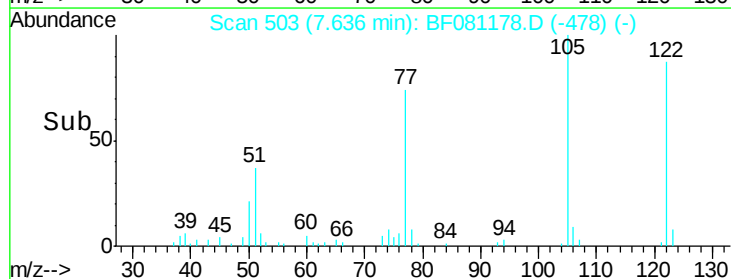
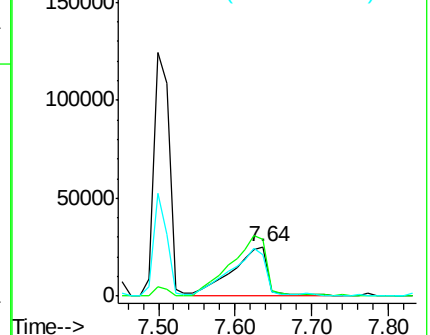
77 84.5 93.8 133.8#

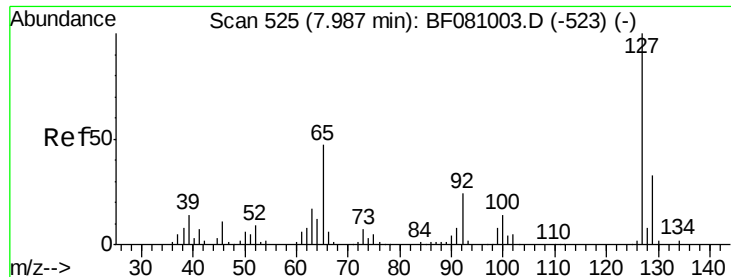


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

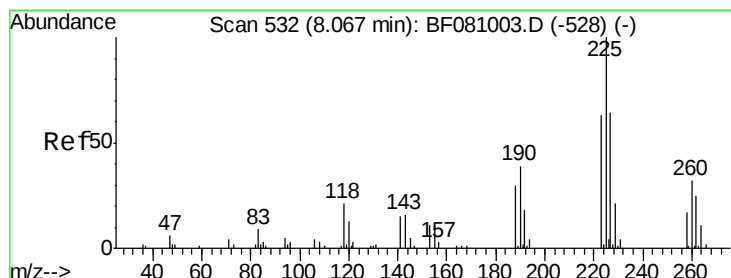
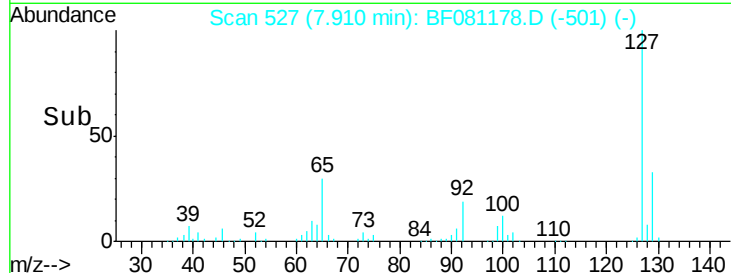
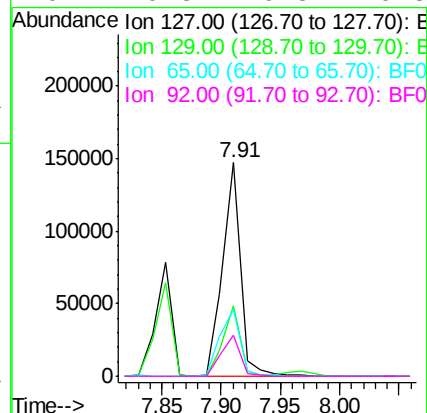
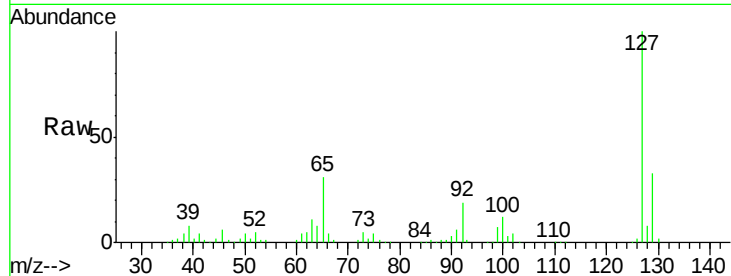




#33
4-Chloroaniline
Concen: 24.23 ng
RT: 7.91 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

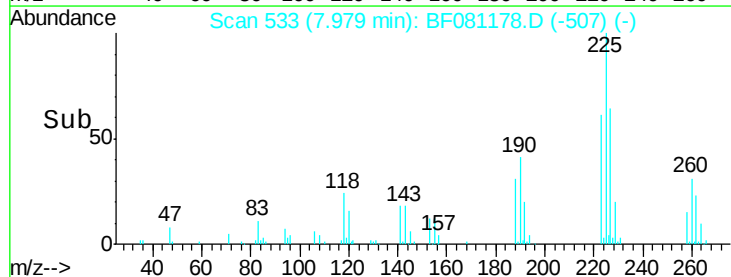
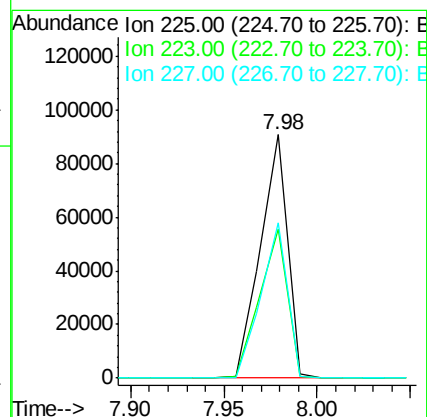
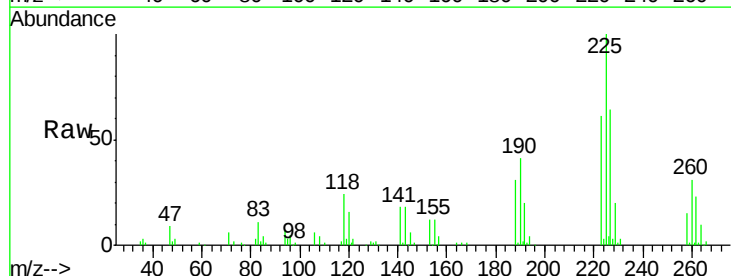
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

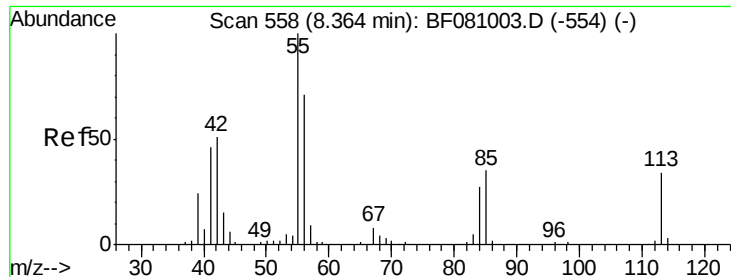
Tgt Ion:	127	Resp:	153549
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.2	37.8
65	31.2	37.8	56.6#
92	19.3	19.5	29.3#



#34
Hexachlorobutadiene
Concen: 37.94 ng
RT: 7.98 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

Tgt Ion:	225	Resp:	91063
Ion	Ratio	Lower	Upper
225	100		
223	61.4	52.6	79.0
227	64.0	51.1	76.7

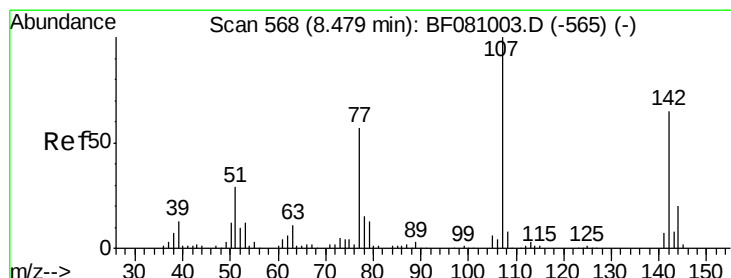
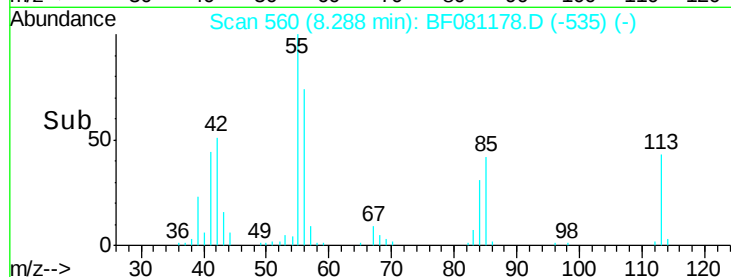
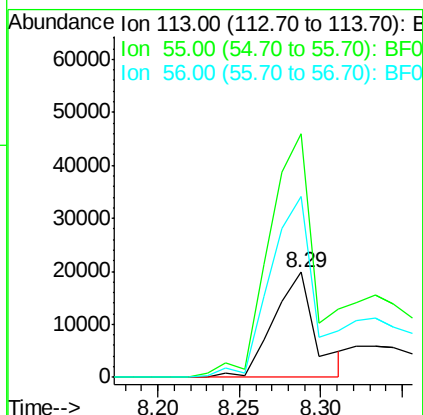
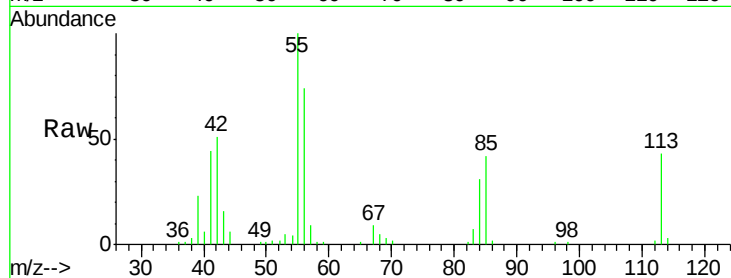




#35
 Caprolactam
 Concen: 26.39 ng
 RT: 8.29 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

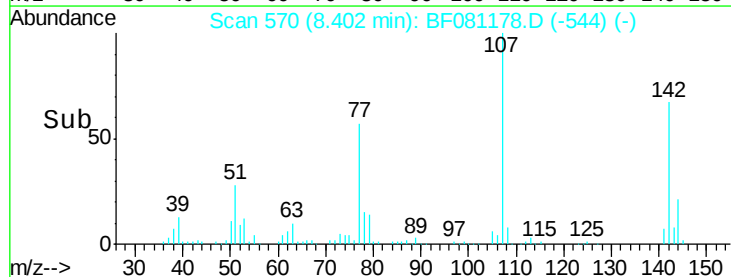
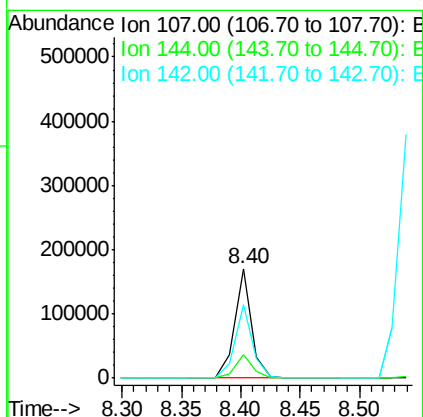
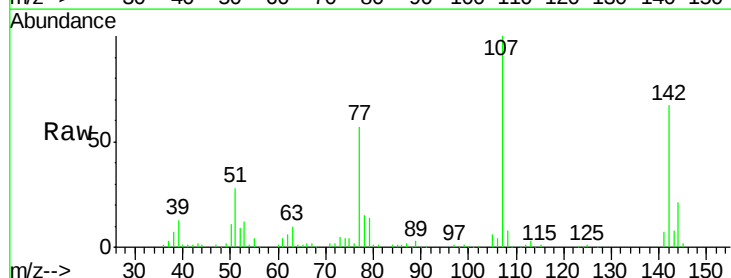
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

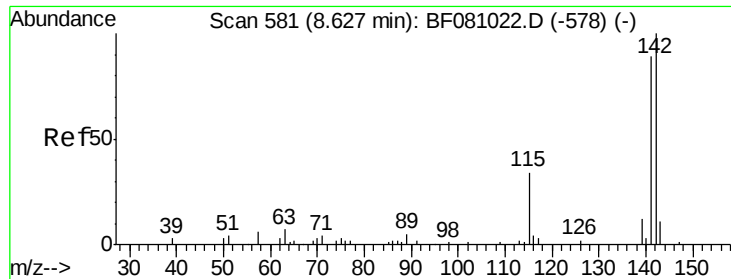
Tgt Ion:113 Resp: 35223
 Ion Ratio Lower Upper
 113 100
 55 231.2 280.4 320.4#
 56 171.3 205.9 245.9#



#36
 4-Chloro-3-methylphenol
 Concen: 37.03 ng
 RT: 8.40 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Tgt Ion:107 Resp: 168531
 Ion Ratio Lower Upper
 107 100
 144 21.5 17.2 25.8
 142 67.4 54.9 82.3

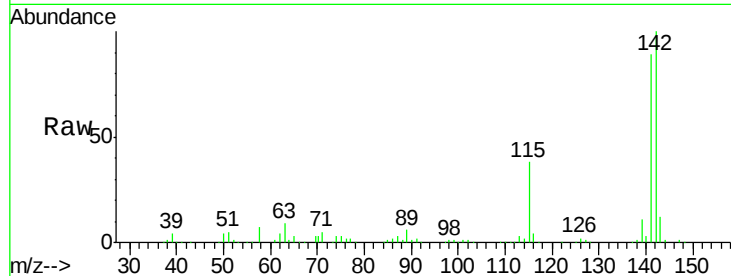




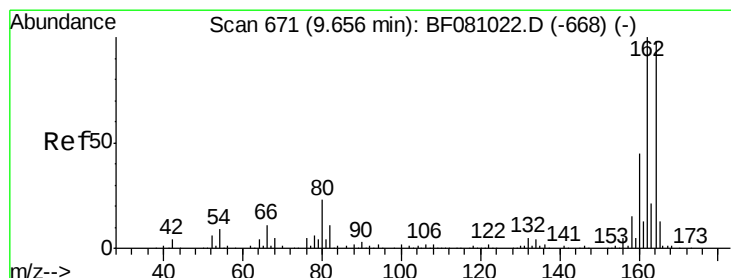
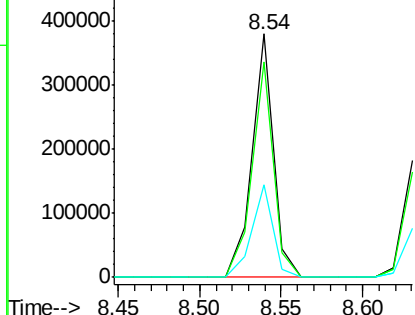
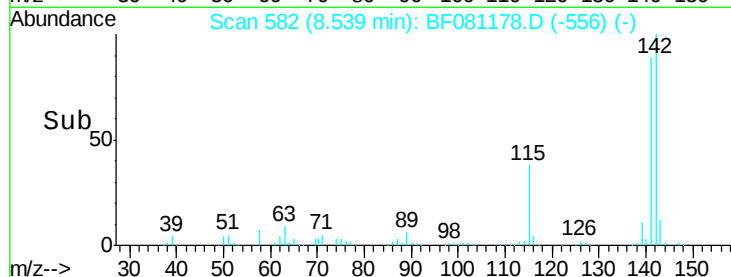
#37
 2-Methylnaphthalene
 Concen: 36.55 ng
 RT: 8.54 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

Tgt Ion:142 Resp: 346702
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.4 107.2
 115 38.1 33.4 50.0

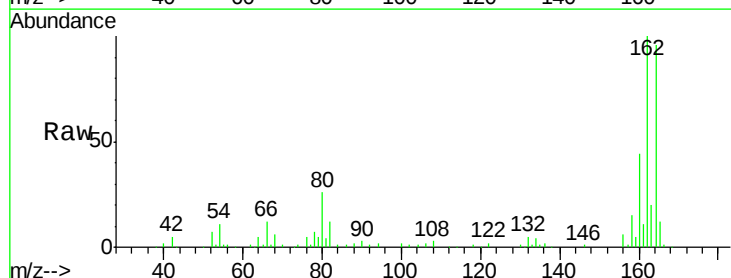


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

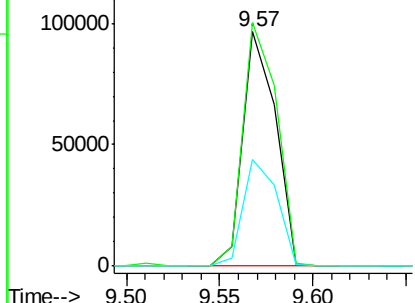
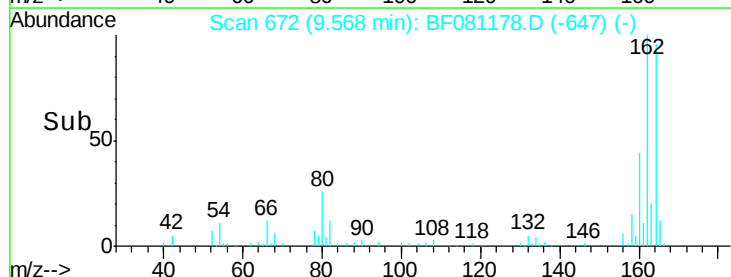


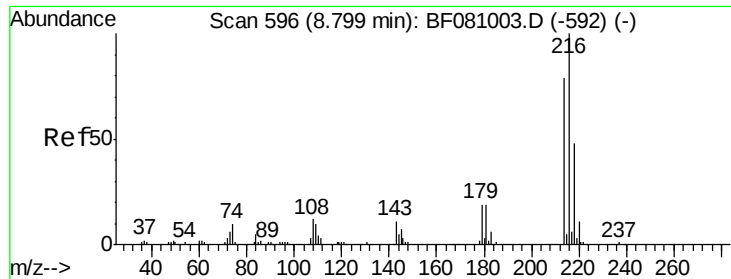
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Tgt Ion:164 Resp: 118126
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.8 125.8
 160 45.5 39.8 59.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

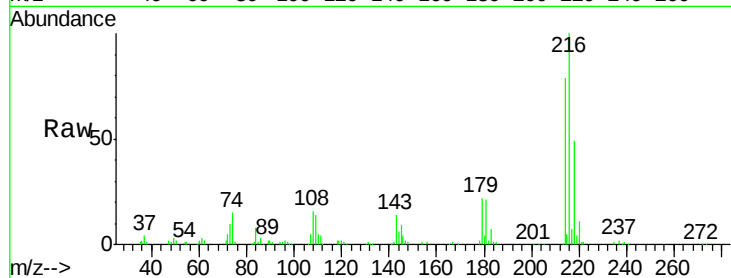




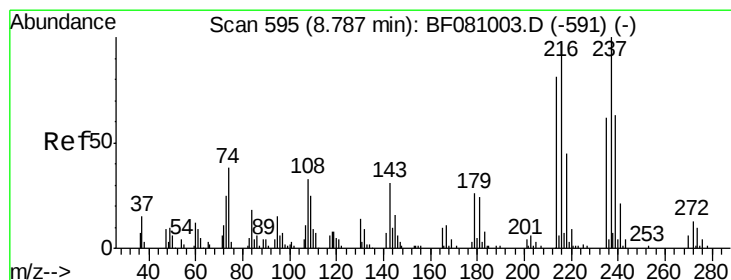
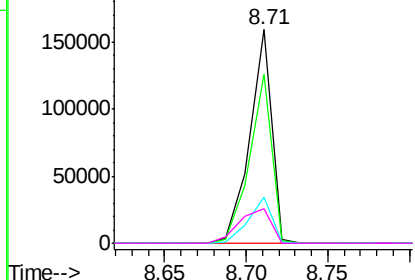
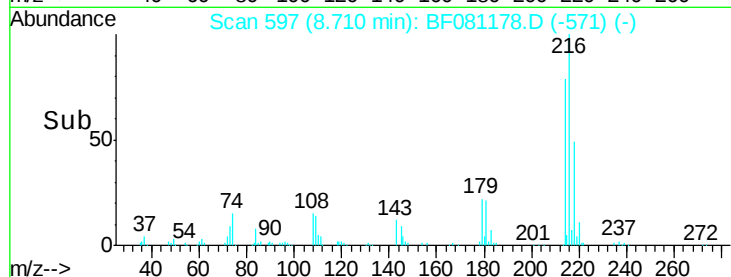
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.22 ng
 RT: 8.71 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

Tgt Ion:	216	Resp:	149461
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.8
179	22.7	17.8	26.8
108	23.2	16.2	24.2

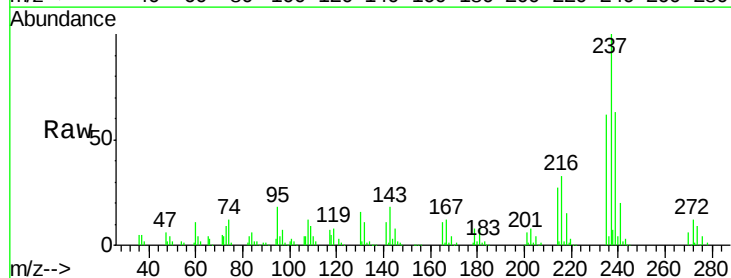


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

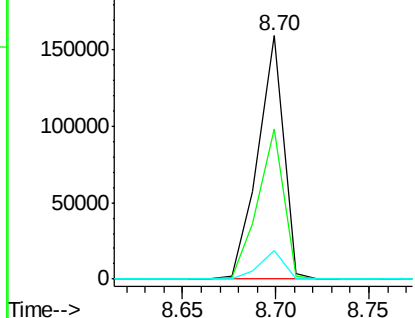
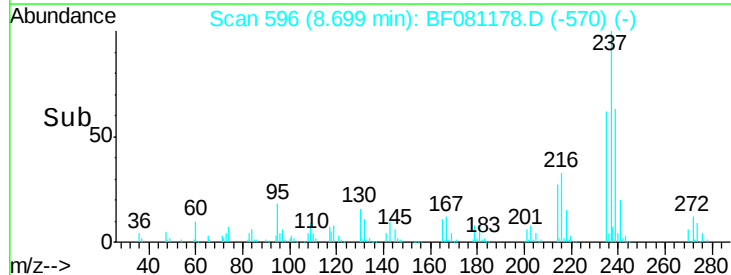


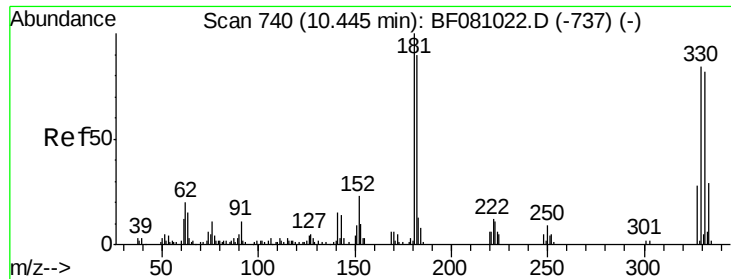
#40
 Hexachlorocyclopentadiene
 Concen: 77.31 ng
 RT: 8.70 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Tgt Ion:	237	Resp:	152502
Ion	Ratio	Lower	Upper
237	100		
235	61.6	43.6	83.6
272	11.6	0.0	32.2



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

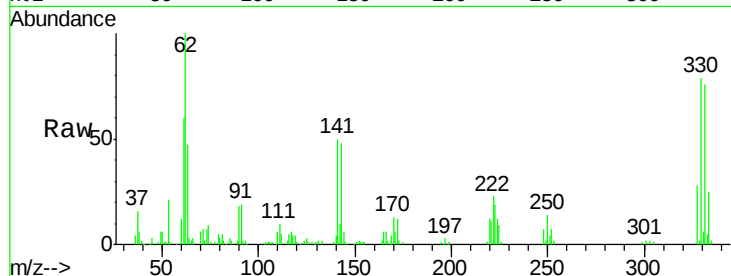




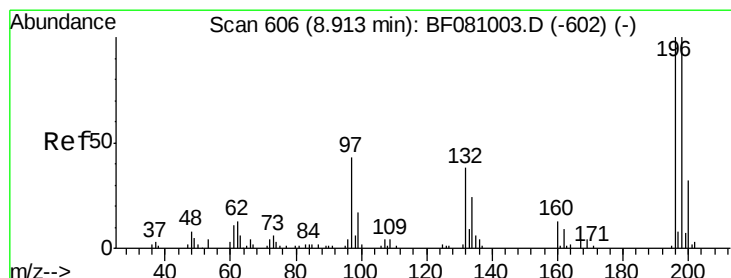
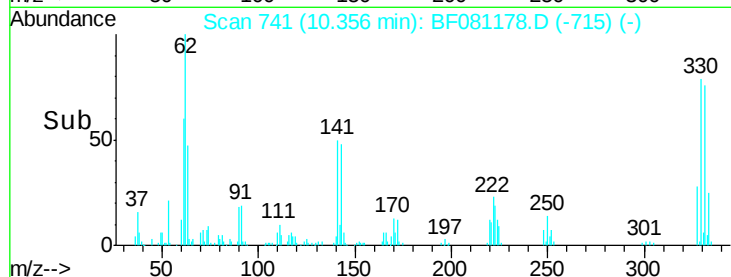
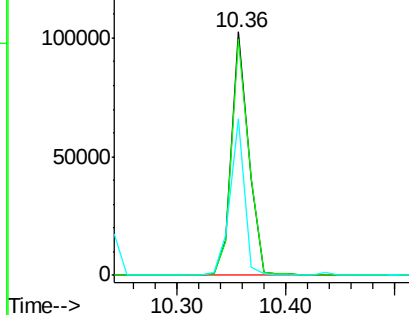
#41
 2,4,6-Tribromophenol
 Concen: 108.48 ng
 RT: 10.36 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

Tgt Ion:330 Resp: 111076
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.3 115.9
 141 54.8 44.9 67.3

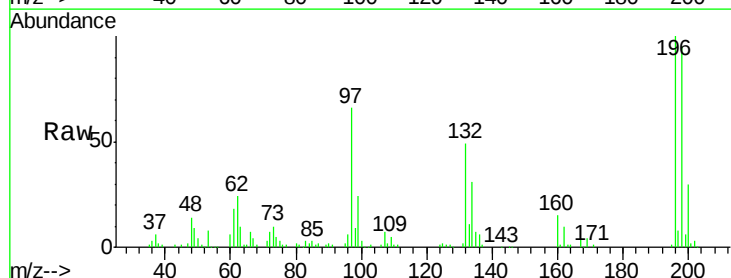


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

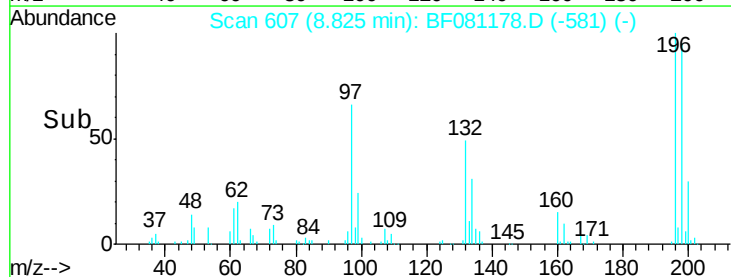
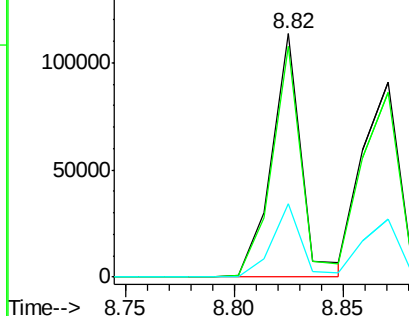


#42
 2,4,6-Trichlorophenol
 Concen: 40.25 ng
 RT: 8.82 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Tgt Ion:196 Resp: 108384
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.6 111.8
 200 30.3 22.7 34.1



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

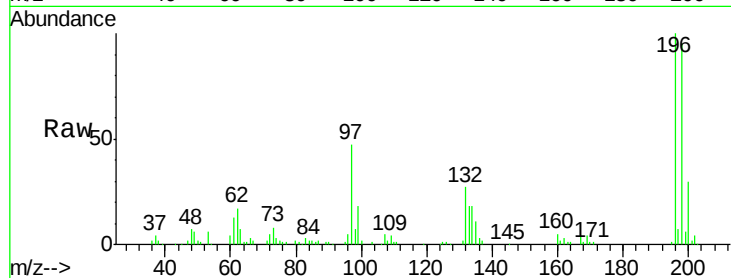




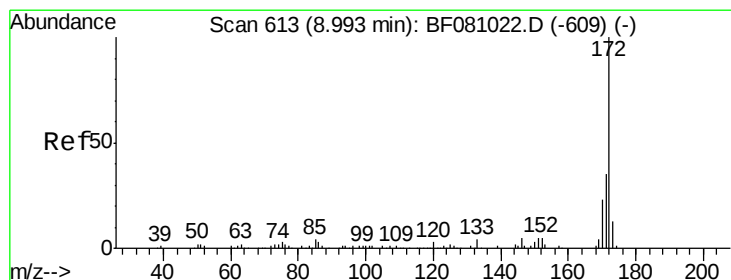
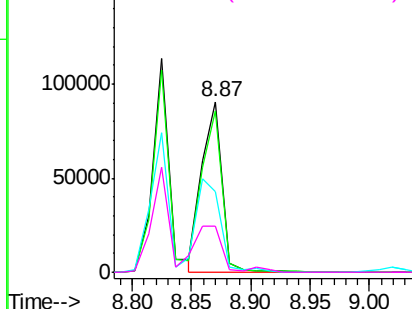
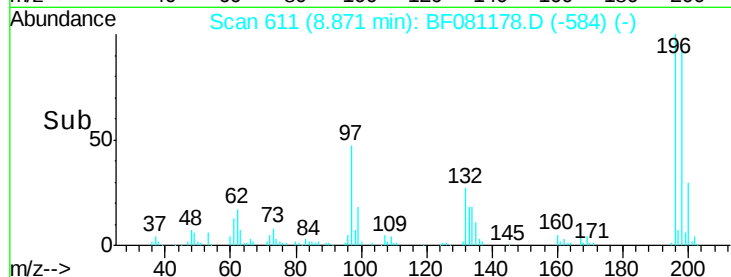
#43
 2,4,5-Trichlorophenol
 Concen: 40.41 ng
 RT: 8.87 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

Tgt Ion:196 Resp: 108746
 Ion Ratio Lower Upper
 196 100
 198 94.7 78.3 117.5
 97 47.0 42.7 64.1
 132 27.1 23.3 34.9

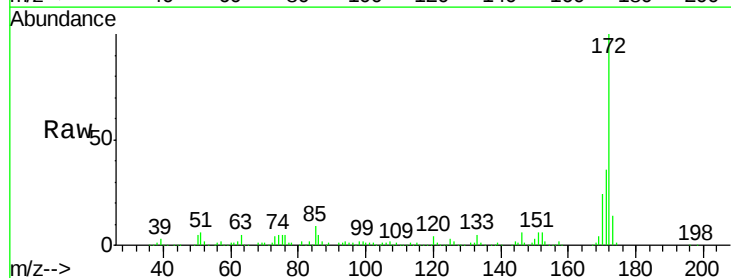


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

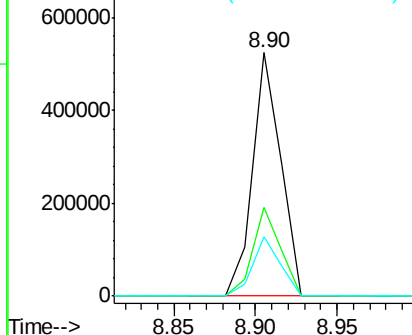
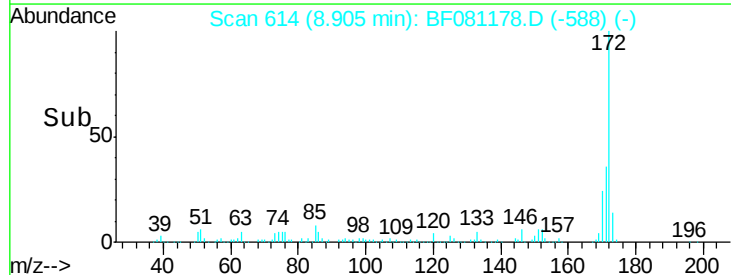


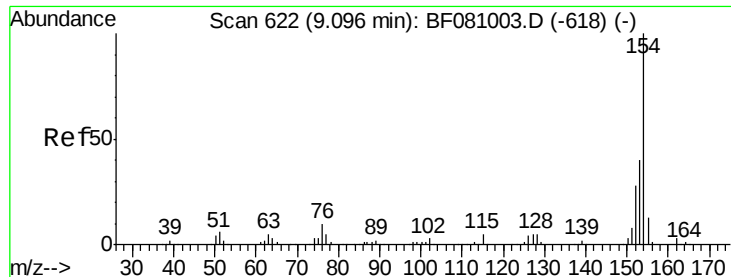
#44
 2-Fluorobiphenyl
 Concen: 69.75 ng
 RT: 8.90 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Tgt Ion:172 Resp: 628837
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.5 19.4 29.2



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: 42.51 ng

RT: 9.01 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

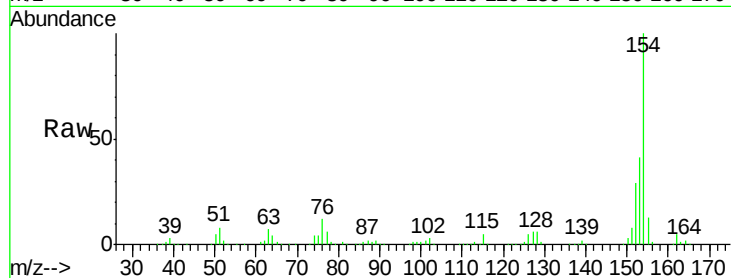
Tgt Ion:154 Resp: 442294

Ion Ratio Lower Upper

154 100

153 40.8 19.5 59.5

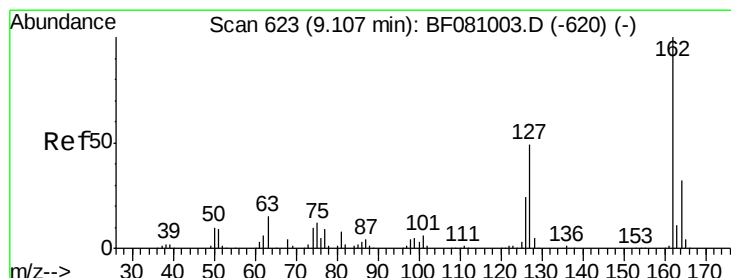
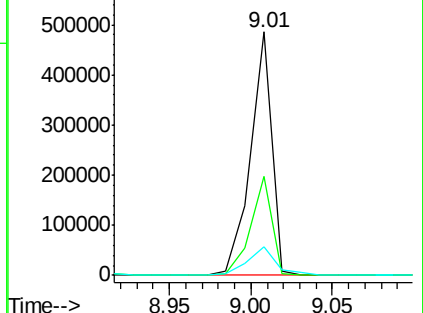
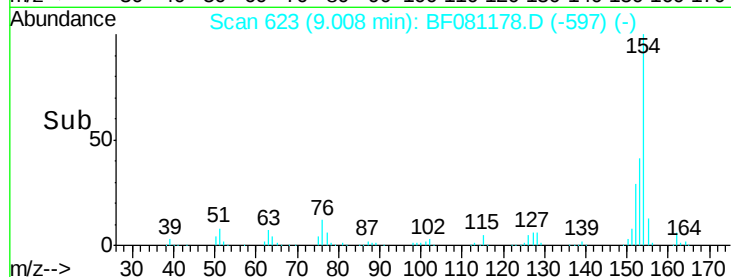
76 12.0 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.18 ng

RT: 9.02 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

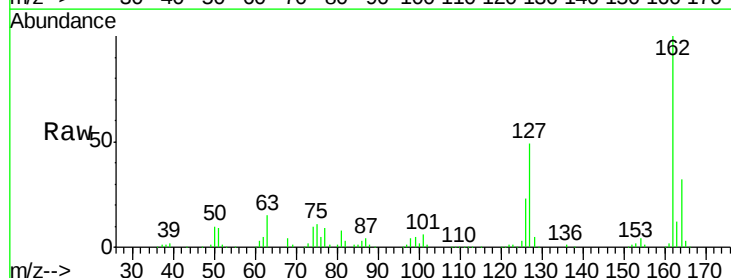
Tgt Ion:162 Resp: 310759

Ion Ratio Lower Upper

162 100

127 48.8 31.3 46.9#

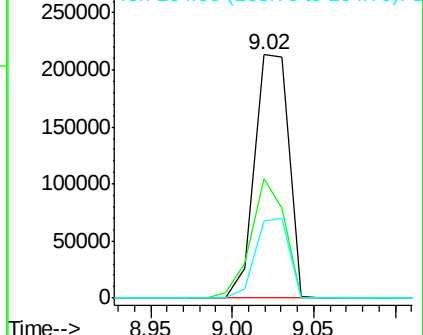
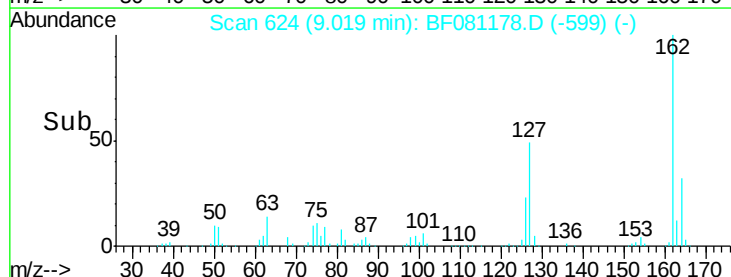
164 31.9 26.3 39.5

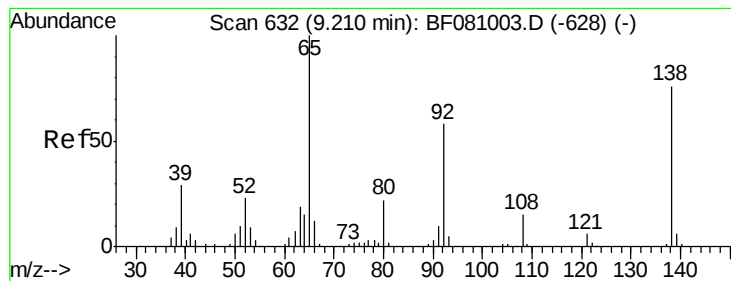


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.55 ng

RT: 9.12 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

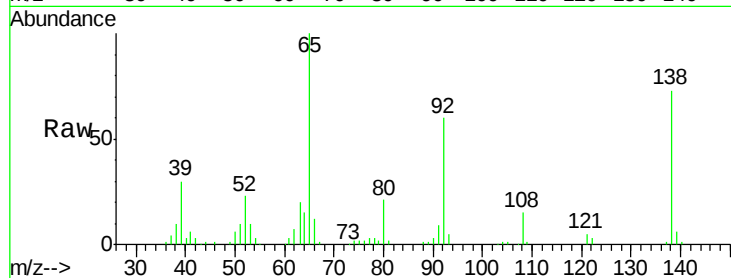
Tgt Ion: 65 Resp: 125038

Ion Ratio Lower Upper

65 100

92 60.0 45.6 68.4

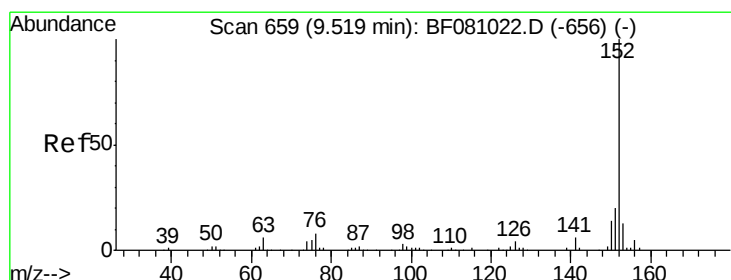
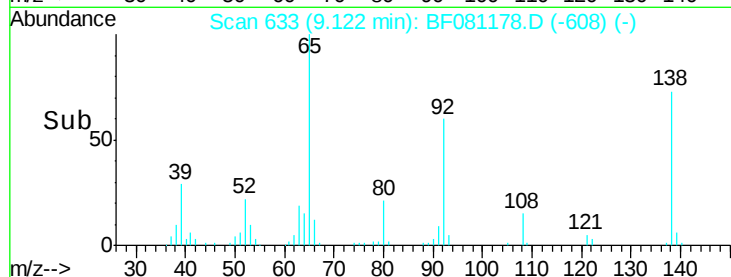
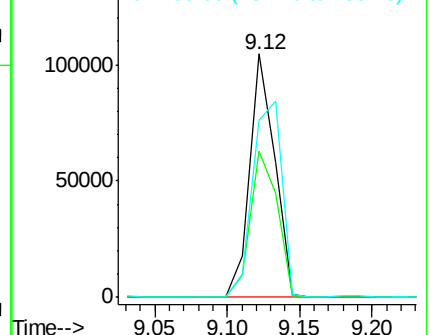
138 73.0 57.9 86.9



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 33.05 ng

RT: 9.43 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

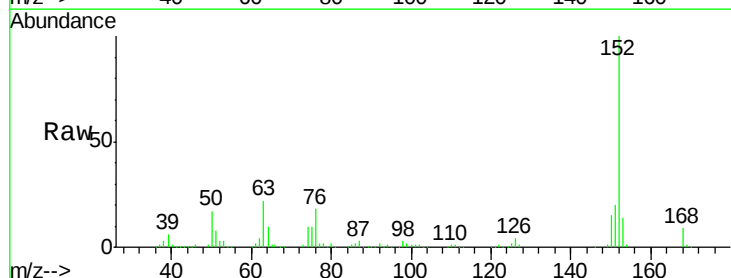
Tgt Ion: 152 Resp: 494168

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

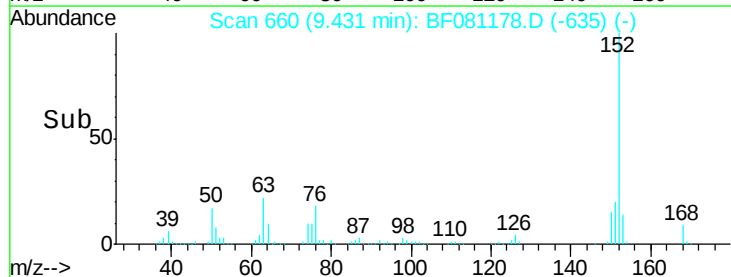
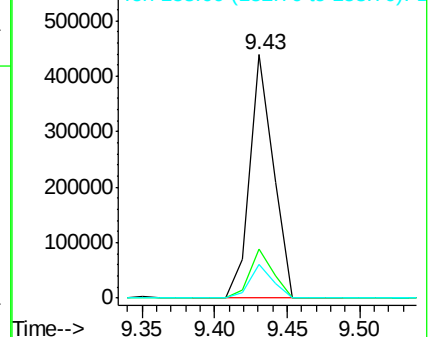
153 13.6 9.8 14.6

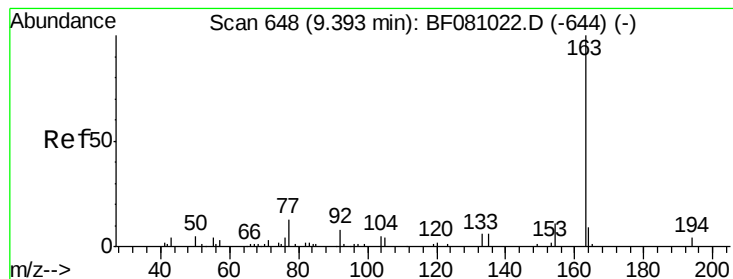


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 51.66 ng

RT: 9.32 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

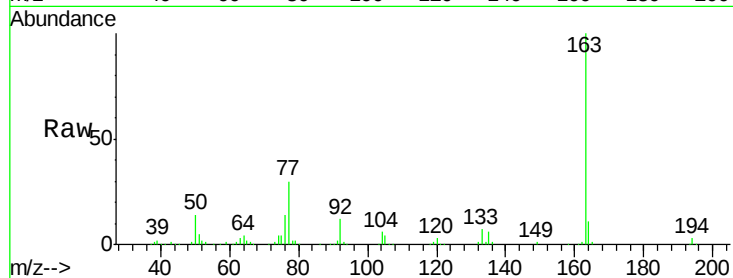
Tgt Ion:163 Resp: 502536

Ion Ratio Lower Upper

163 100

194 2.8 2.5 3.7

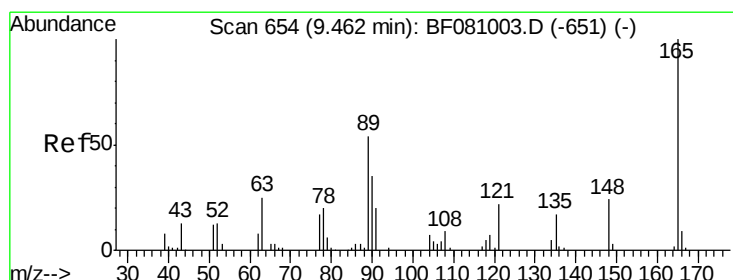
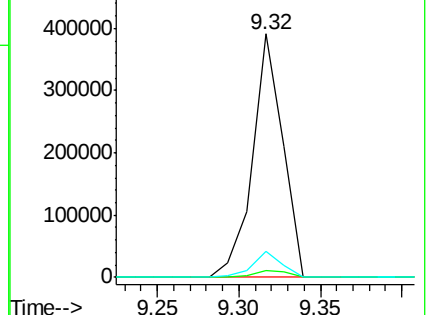
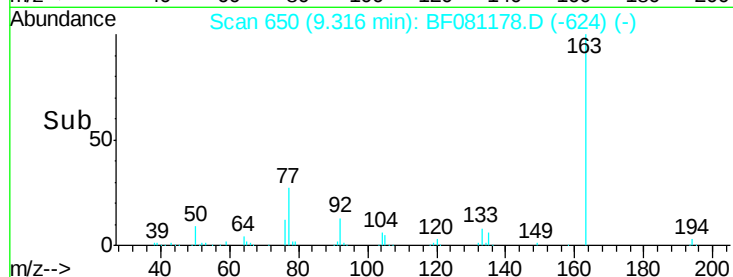
164 10.7 8.1 12.1



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: 38.38 ng

RT: 9.37 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

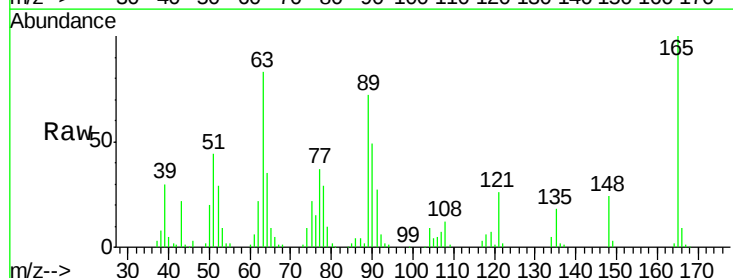
Tgt Ion:165 Resp: 80172

Ion Ratio Lower Upper

165 100

63 82.5 49.5 74.3#

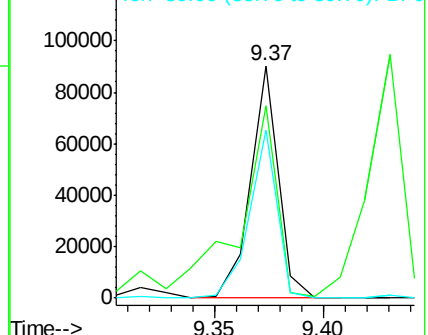
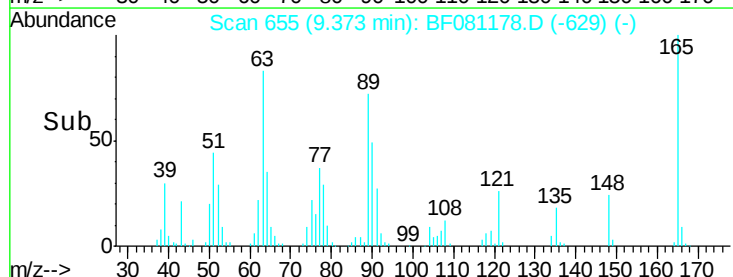
89 72.4 47.6 71.4#



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





#51

Acenaphthene

Concen: 32.16 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

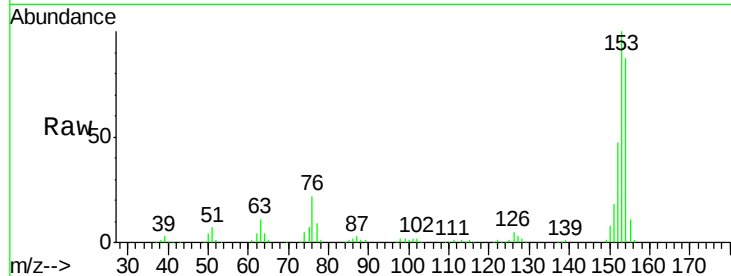
Tgt Ion:154 Resp: 287881

Ion Ratio Lower Upper

154 100

153 115.4 91.4 137.2

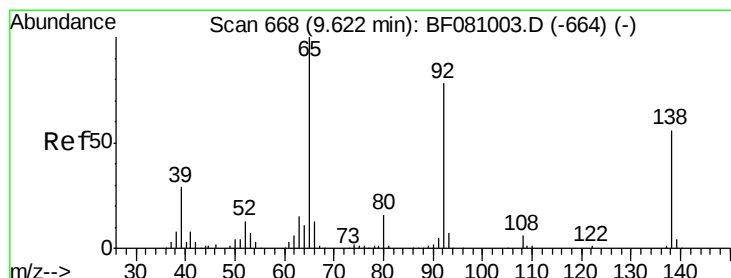
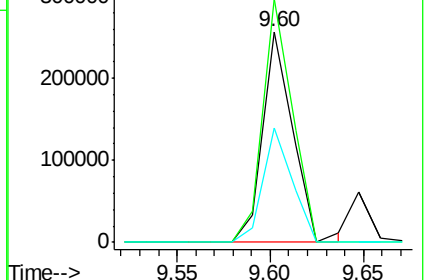
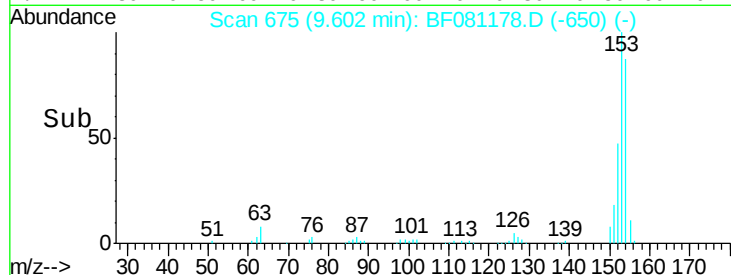
152 54.0 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.58 ng

RT: 9.53 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

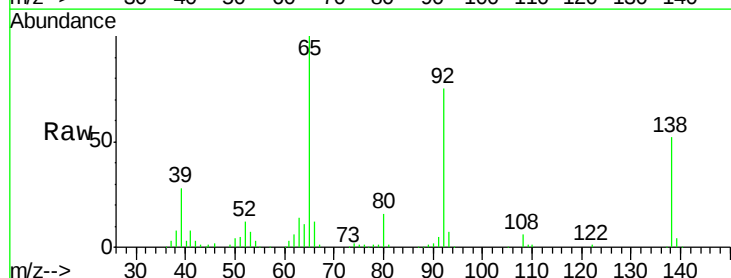
Tgt Ion:138 Resp: 66871

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.2

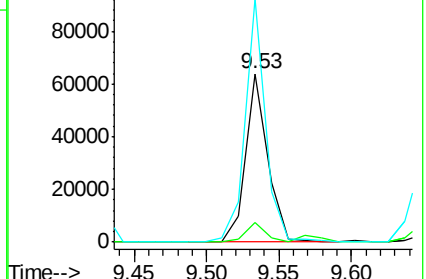
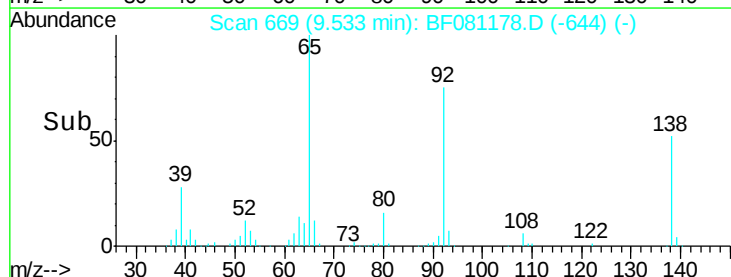
92 144.5 113.2 169.8

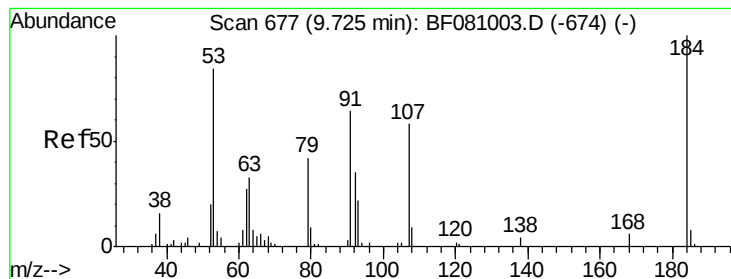


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 73.22 ng

RT: 9.65 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

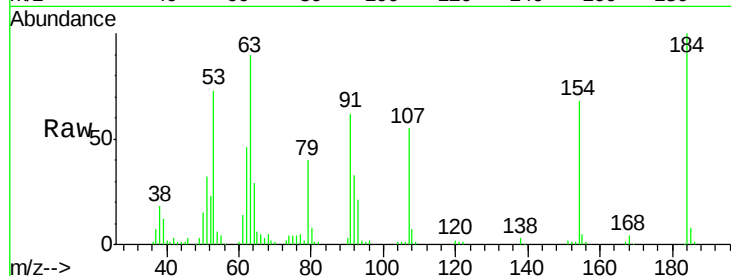
Tgt Ion:184 Resp: 83697

Ion Ratio Lower Upper

184 100

63 90.2 101.7 152.5#

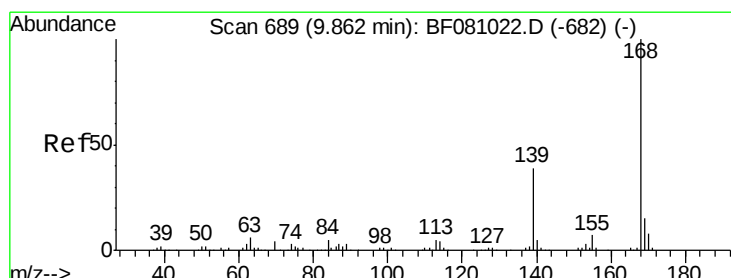
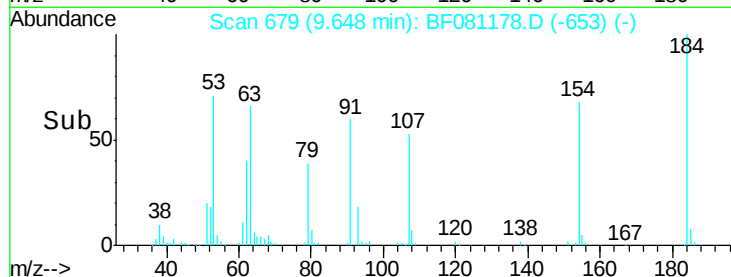
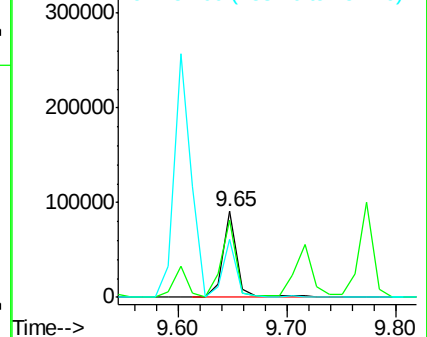
154 68.1 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.27 ng

RT: 9.77 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

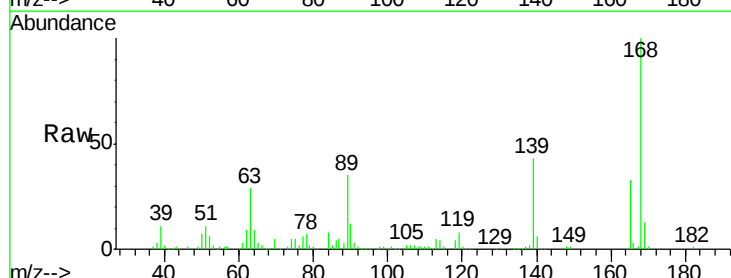
Tgt Ion:168 Resp: 435045

Ion Ratio Lower Upper

168 100

139 42.7 29.3 43.9

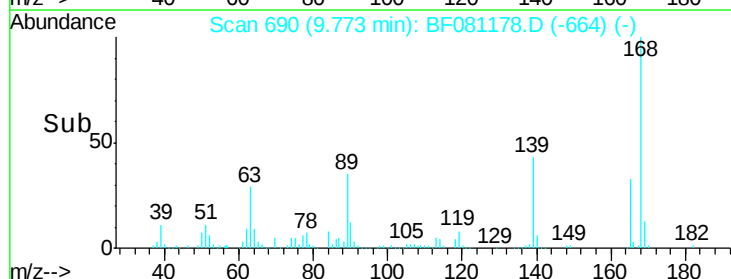
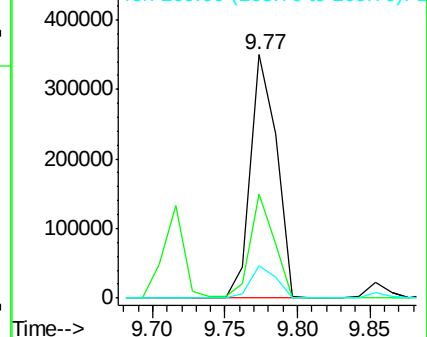
169 13.4 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 74.07 ng

RT: 9.72 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

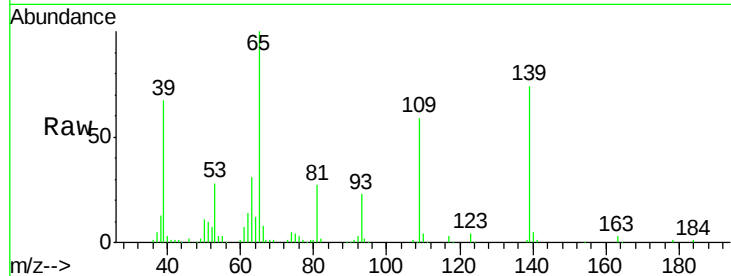
Tgt Ion:139 Resp: 135970

Ion Ratio Lower Upper

139 100

109 79.4 80.0 120.0#

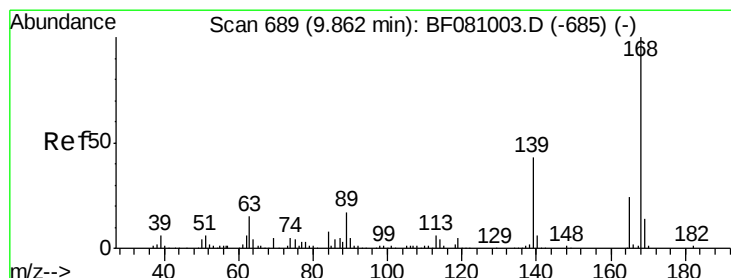
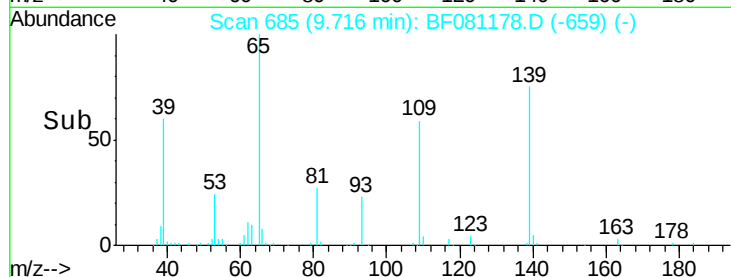
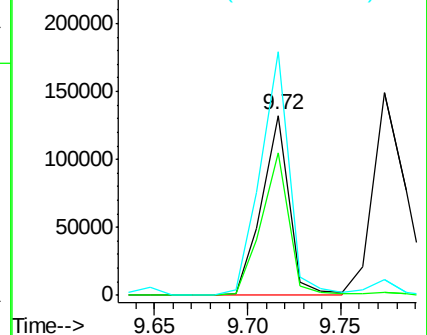
65 135.1 138.3 178.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.16 ng

RT: 9.77 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Tgt Ion:165 Resp: 102870

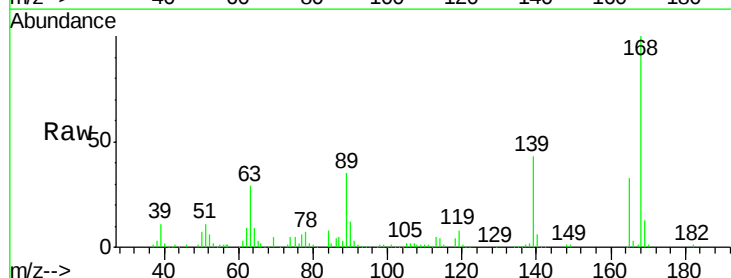
Ion Ratio Lower Upper

165 100

63 87.3 52.2 78.4#

89 106.1 60.1 90.1#

182 1.9 1.8 2.6

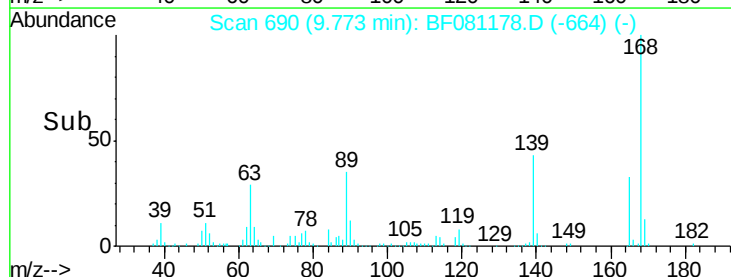
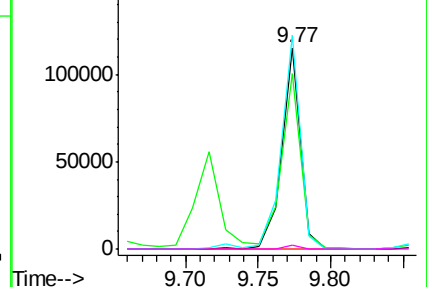


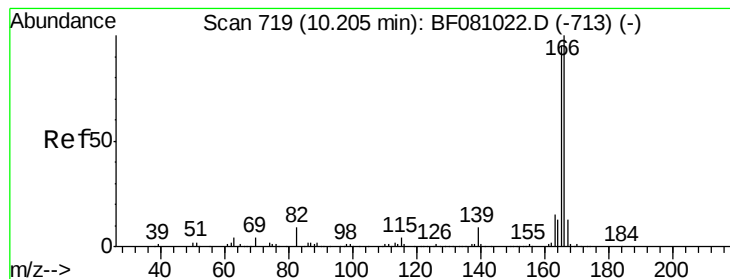
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.34 ng

RT: 10.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

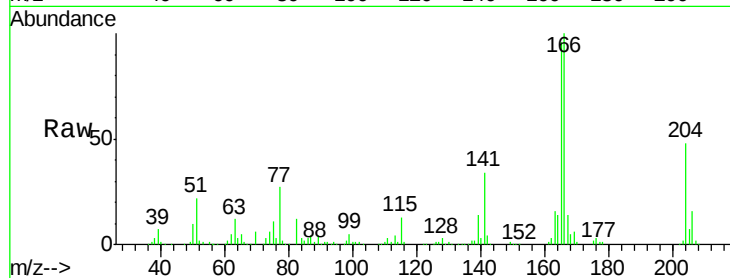
Tgt Ion:166 Resp: 344581

Ion Ratio Lower Upper

166 100

165 95.5 75.8 113.8

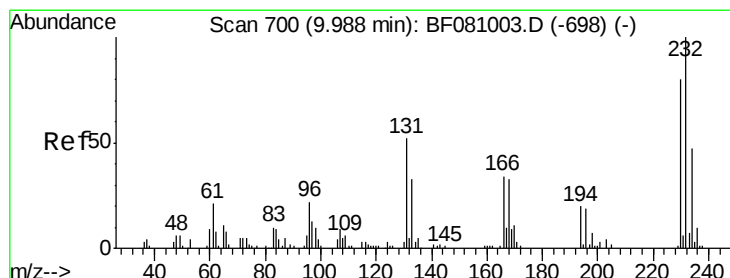
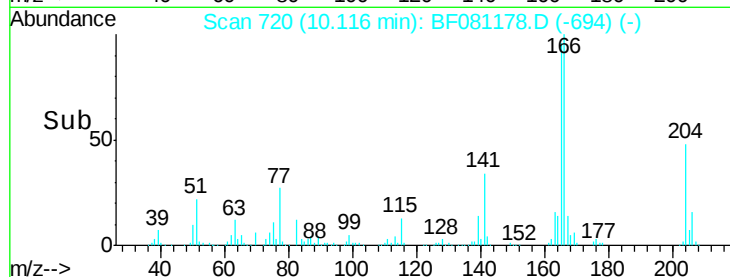
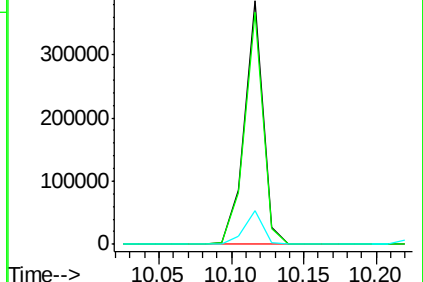
167 14.0 11.3 16.9



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: 39.13 ng

RT: 9.85 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Tgt Ion:232 Resp: 81497

Ion Ratio Lower Upper

232 100

131 50.7 42.2 63.4

130 2.7 2.1 3.1

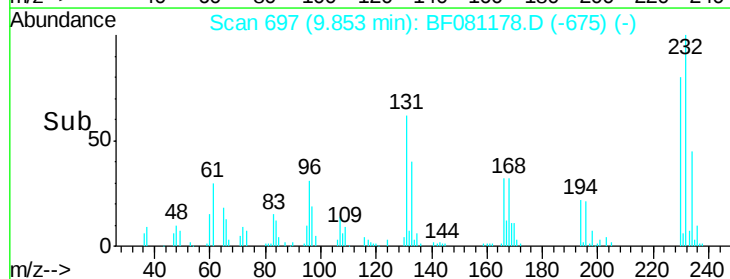
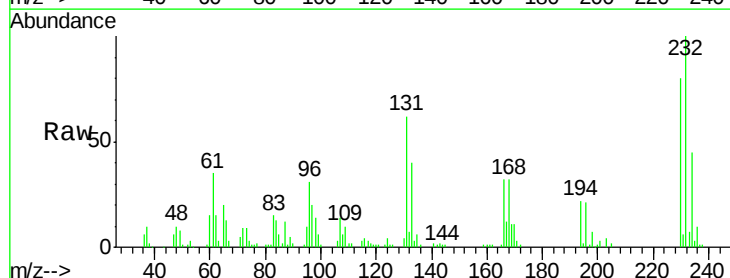
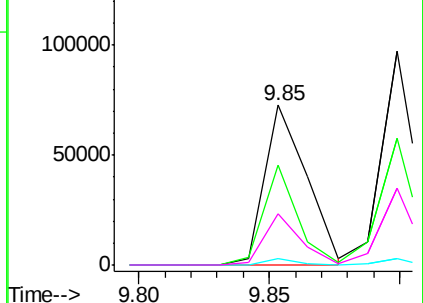
166 28.1 22.4 33.6

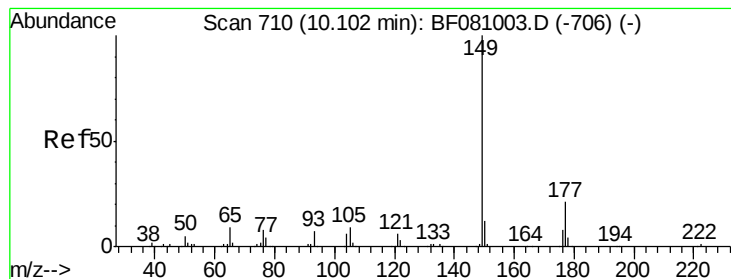
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.35 ng

RT: 10.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

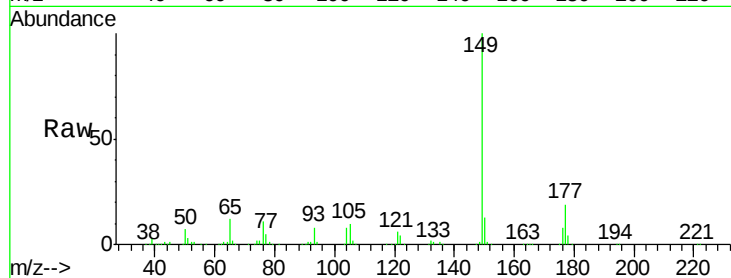
Tgt Ion:149 Resp: 394919

Ion Ratio Lower Upper

149 100

177 19.4 14.1 21.1

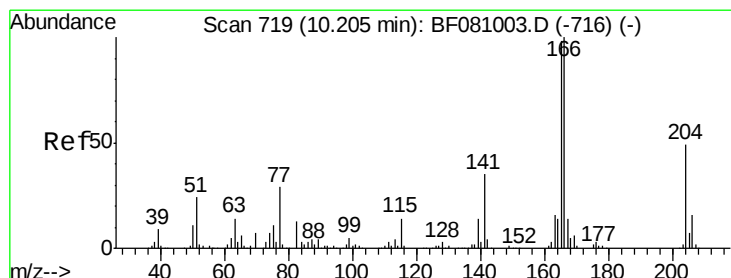
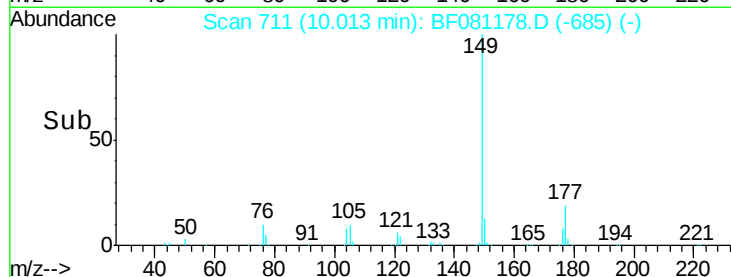
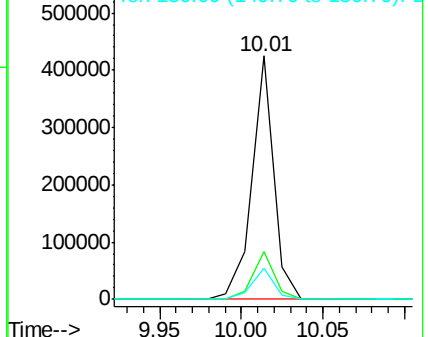
150 13.0 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.76 ng

RT: 10.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

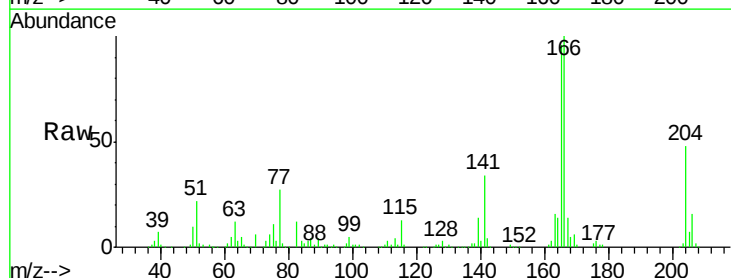
Tgt Ion:204 Resp: 155256

Ion Ratio Lower Upper

204 100

206 33.1 26.2 39.2

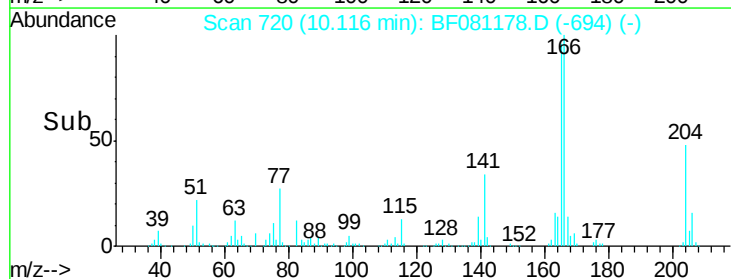
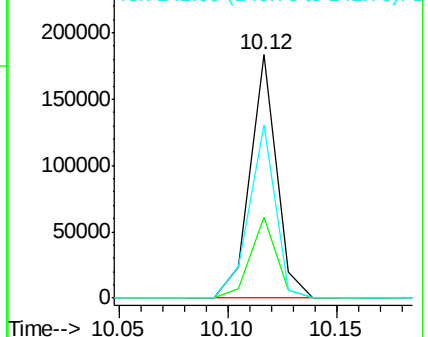
141 71.3 59.6 89.4

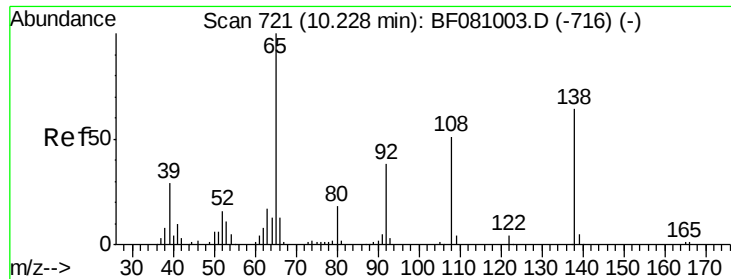


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

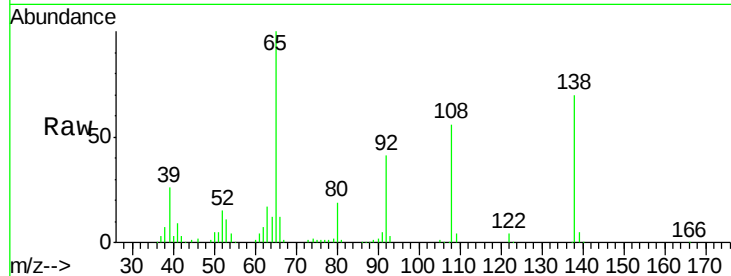




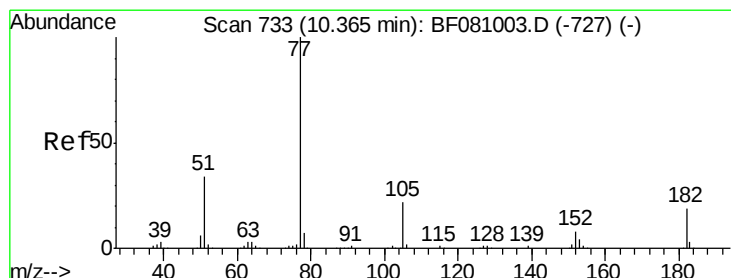
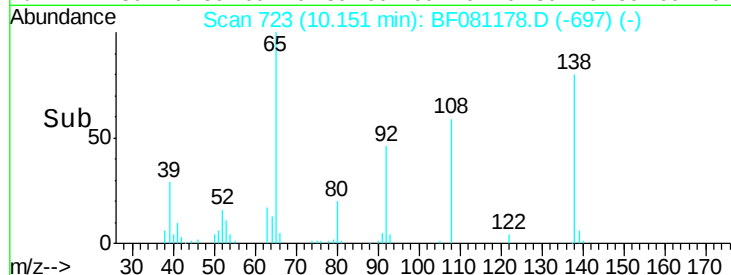
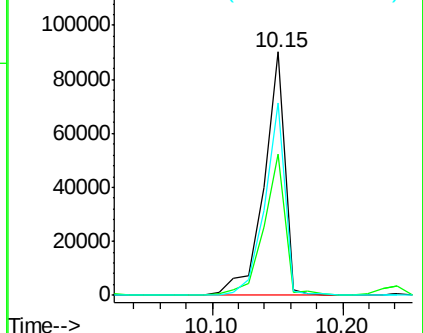
#61
4-Nitroaniline
Concen: 37.80 ng
RT: 10.15 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

Tgt Ion:138 Resp: 100992
Ion Ratio Lower Upper
138 100
92 58.0 34.7 74.7
108 79.0 68.9 108.9

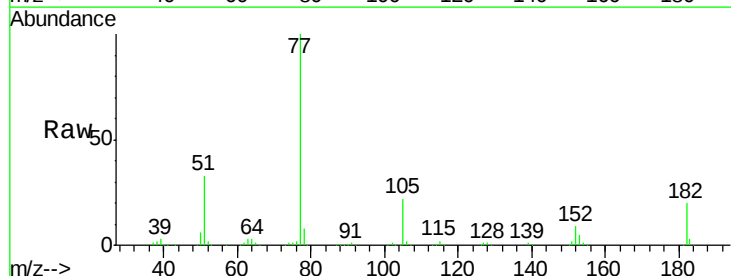


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

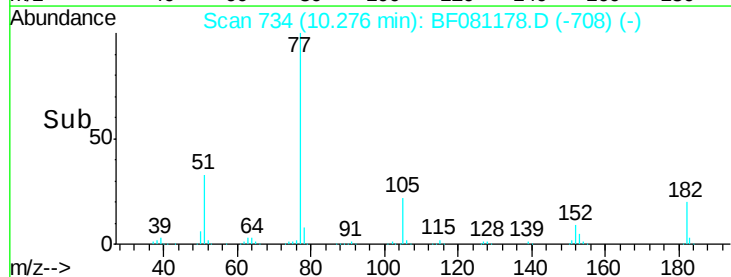
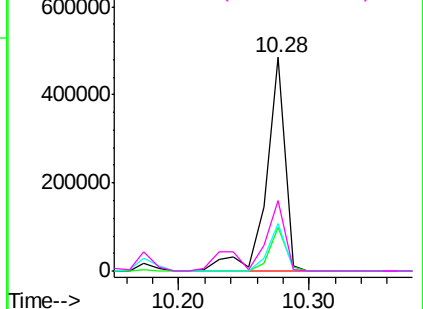


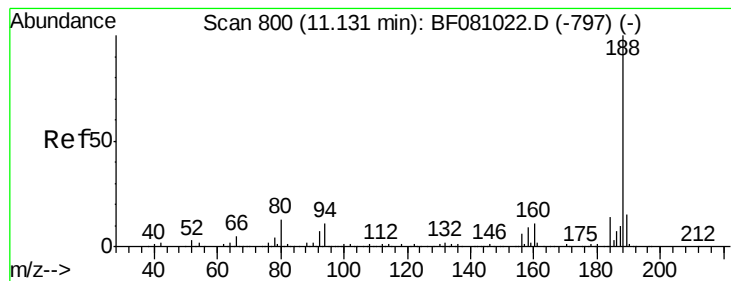
#62
Azobenzene
Concen: 41.35 ng
RT: 10.28 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

Tgt Ion: 77 Resp: 490684
Ion Ratio Lower Upper
77 100
182 20.2 0.0 39.0
105 22.1 0.2 40.2
51 33.0 18.0 58.0



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: 11.04 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

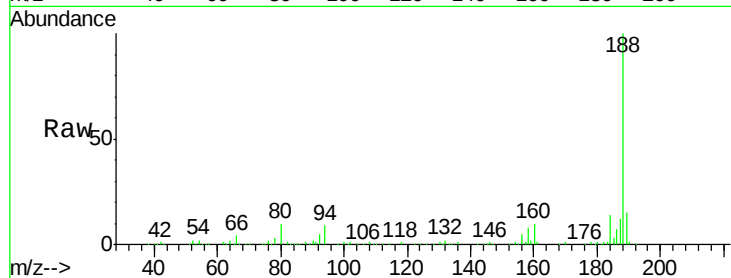
Tgt Ion:188 Resp: 248822

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

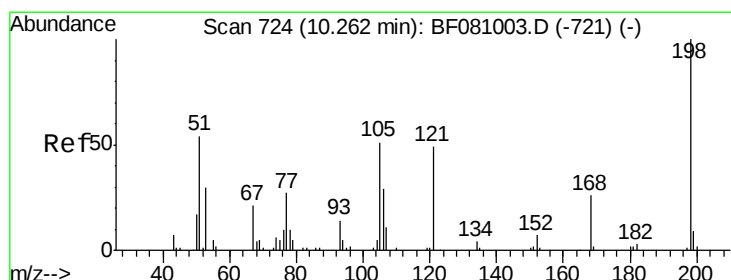
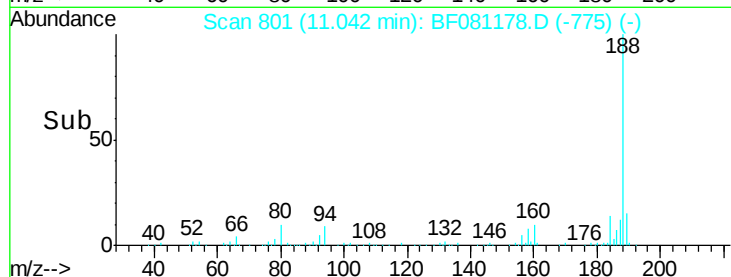
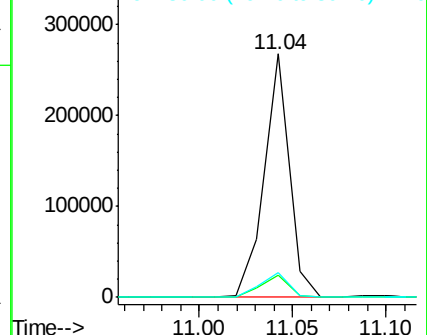
80 10.0 9.5 14.3



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: 37.27 ng

RT: 10.17 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

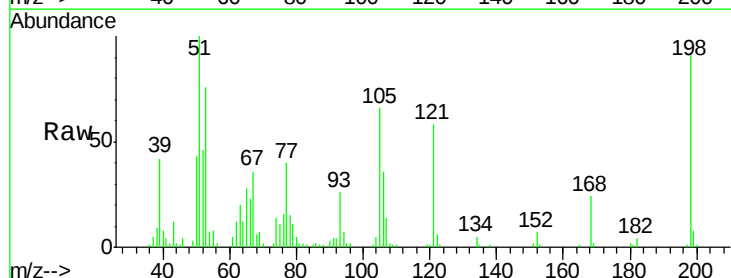
Tgt Ion:198 Resp: 55388

Ion Ratio Lower Upper

198 100

51 110.3 79.7 119.7

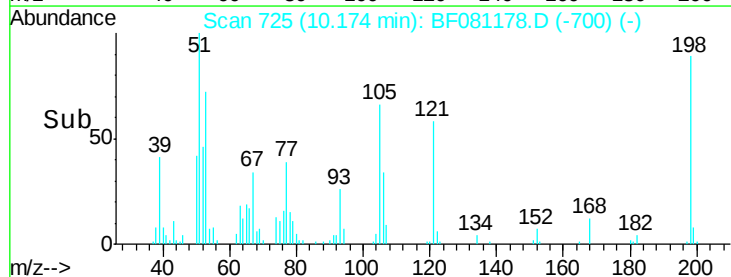
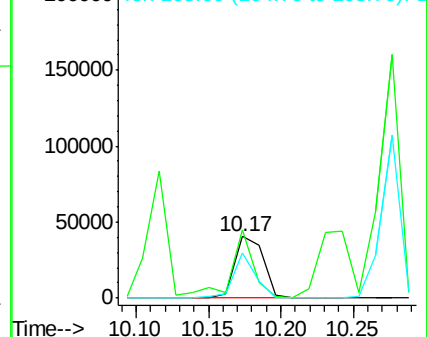
105 73.1 47.0 87.0

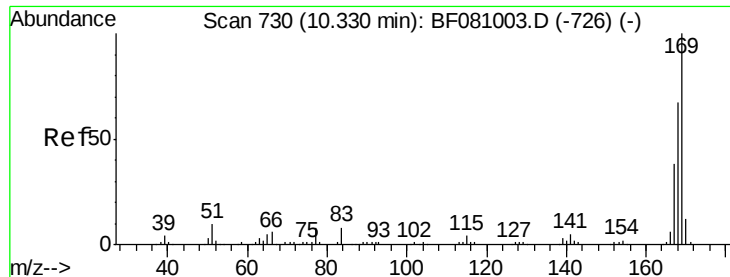


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

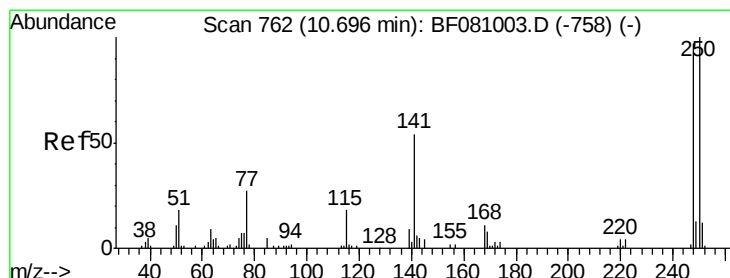
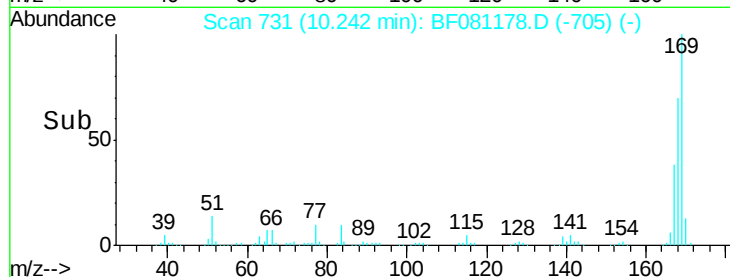
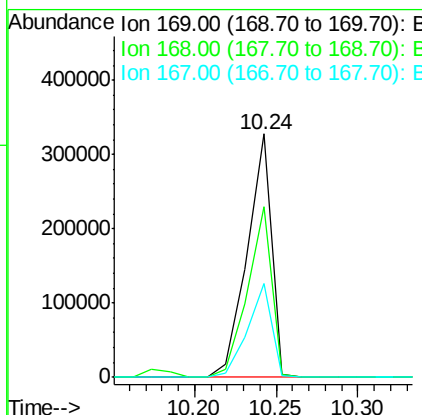
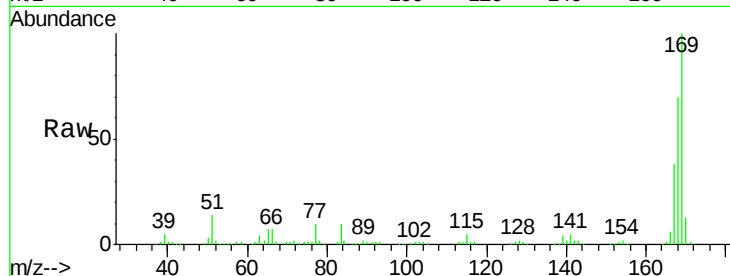




#65
 n-Nitrosodiphenylamine
 Concen: 38.17 ng
 RT: 10.24 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

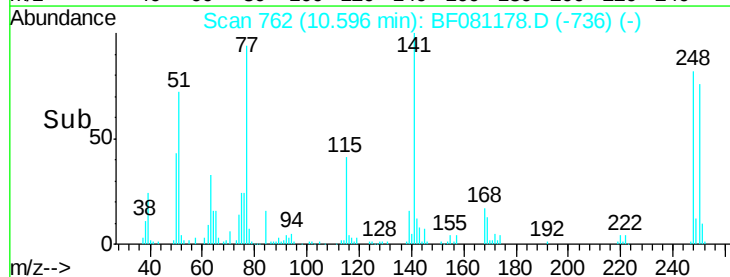
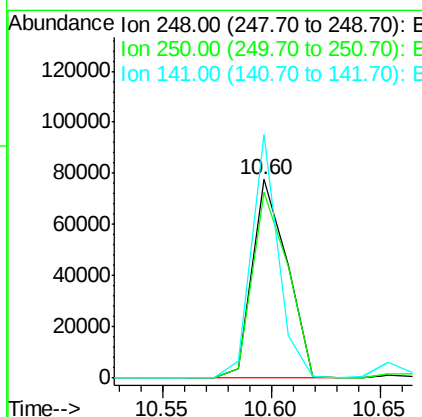
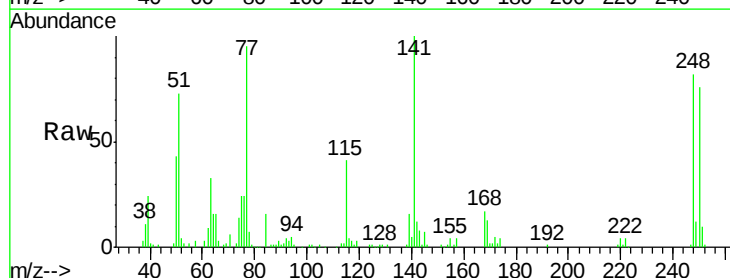
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

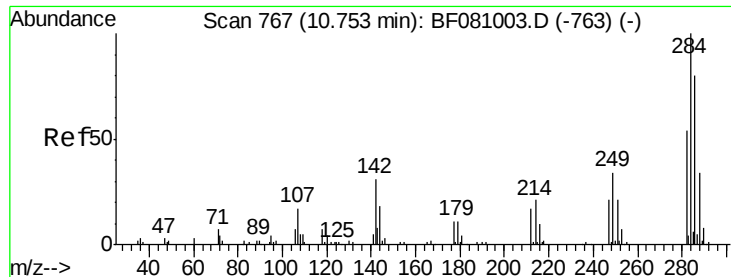
Tgt Ion:169 Resp: 338990
 Ion Ratio Lower Upper
 169 100
 168 70.2 55.3 82.9
 167 38.5 30.8 46.2



#66
 4-Bromophenyl-phenylether
 Concen: 35.44 ng
 RT: 10.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Tgt Ion:248 Resp: 86626
 Ion Ratio Lower Upper
 248 100
 250 93.4 77.8 116.6
 141 122.6 39.8 59.6#

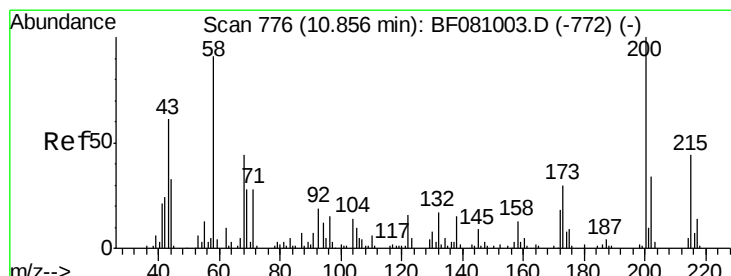
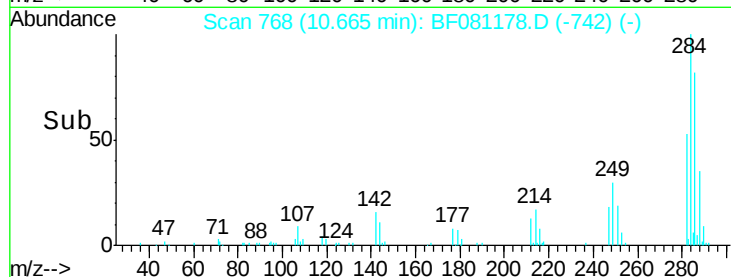
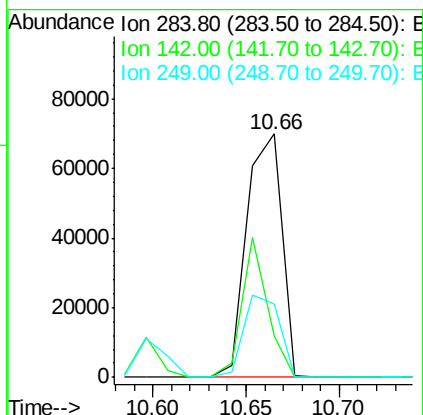
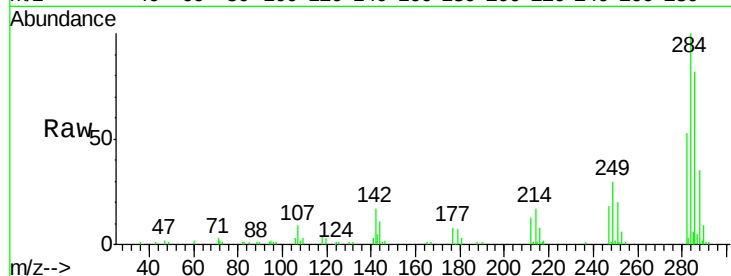




#67
Hexachlorobenzene
Concen: 37.33 ng
RT: 10.66 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

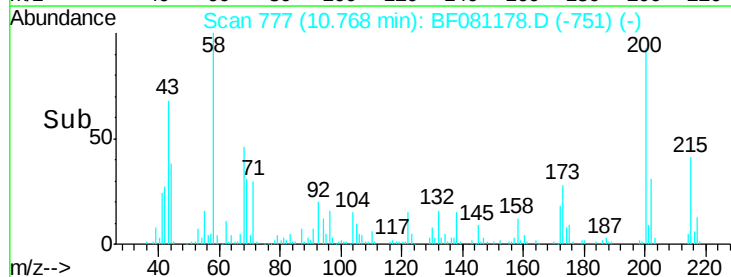
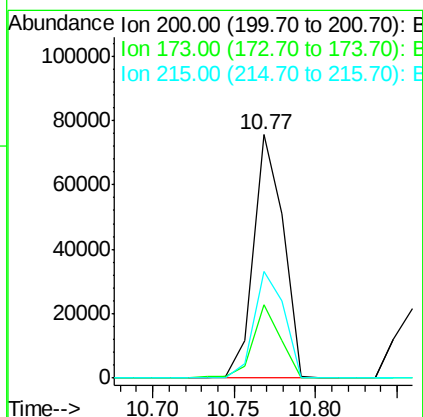
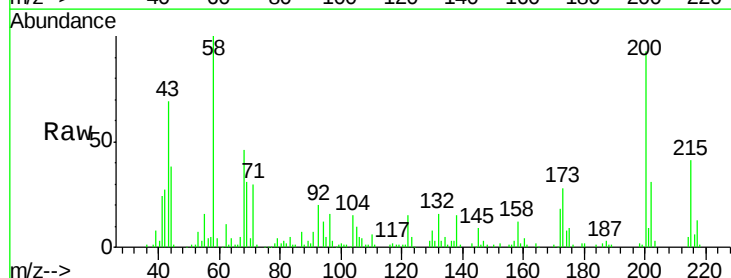
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

Tgt Ion: 284 Resp: 92410
Ion Ratio Lower Upper
284 100
142 17.1 25.4 38.0#
249 30.2 28.5 42.7



#68
Atrazine
Concen: 38.60 ng
RT: 10.77 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

Tgt Ion: 200 Resp: 95526
Ion Ratio Lower Upper
200 100
173 30.0 8.1 48.1
215 43.8 23.3 63.3

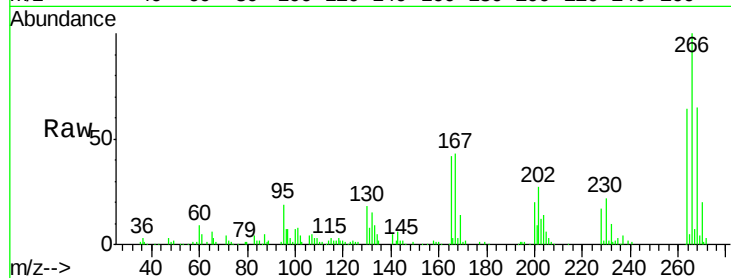




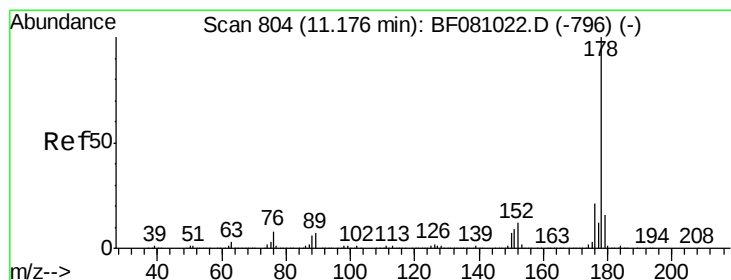
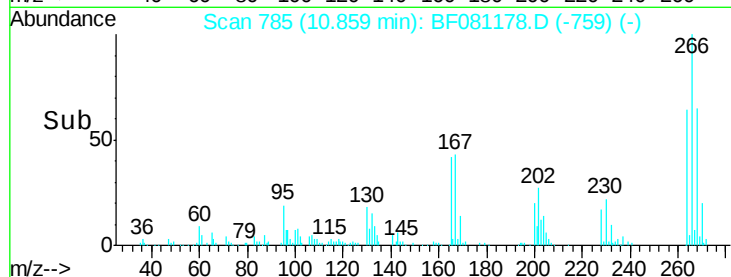
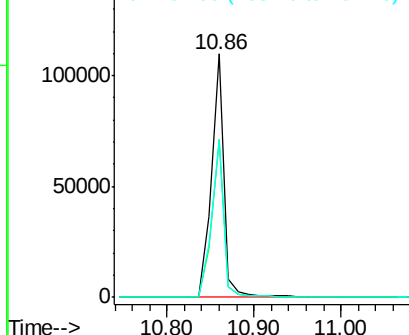
#69
 Pentachlorophenol
 Concen: 75.02 ng
 RT: 10.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

Tgt Ion:266 Resp: 111430
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.2 76.8
 264 64.2 50.6 75.8

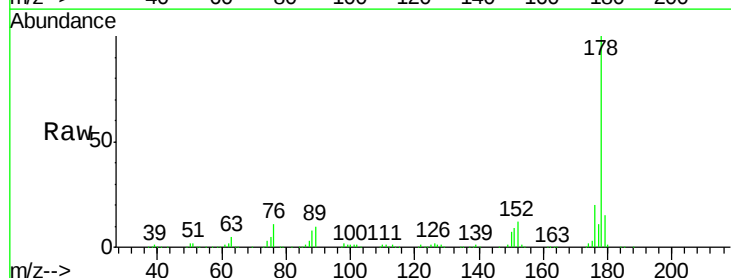


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

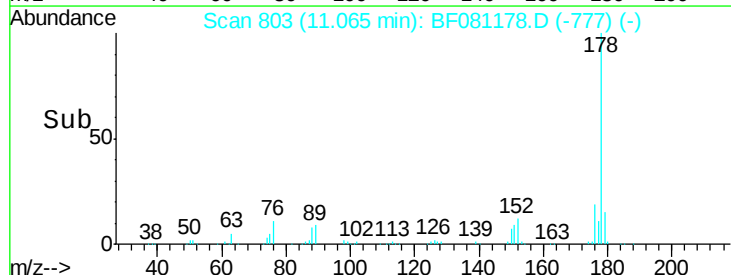
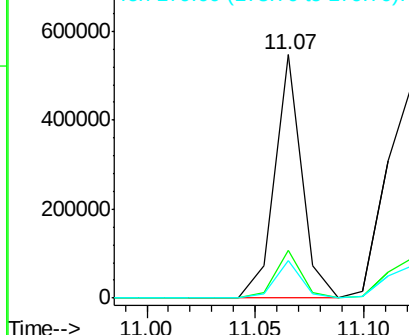


#70
 Phenanthrene
 Concen: 32.34 ng
 RT: 11.07 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Tgt Ion:178 Resp: 476852
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.7 23.5
 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: 39.06 ng

RT: 11.12 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

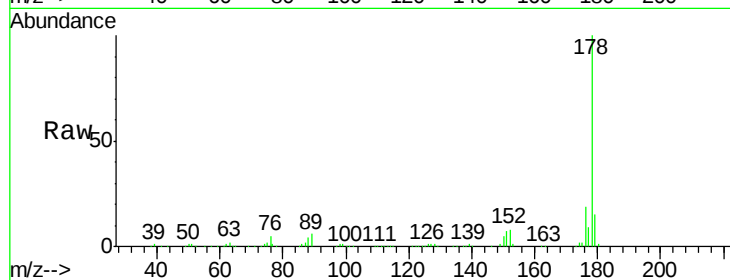
Tgt Ion:178 Resp: 560430

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

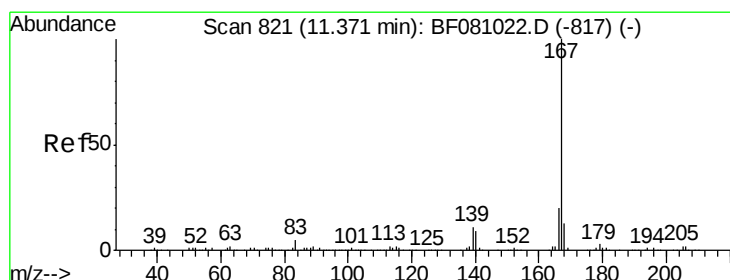
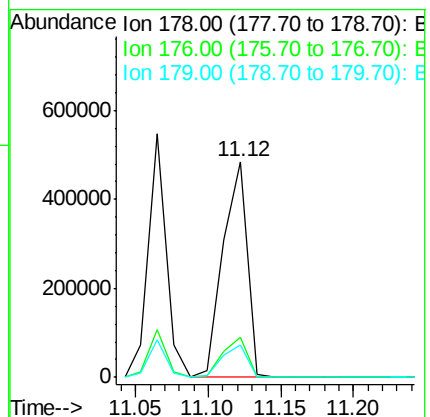
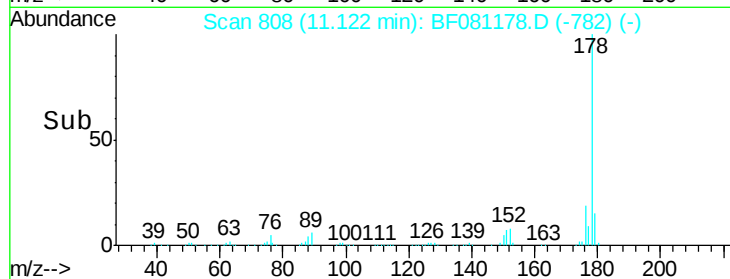
179 15.1 12.7 19.1



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: 38.98 ng

RT: 11.28 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

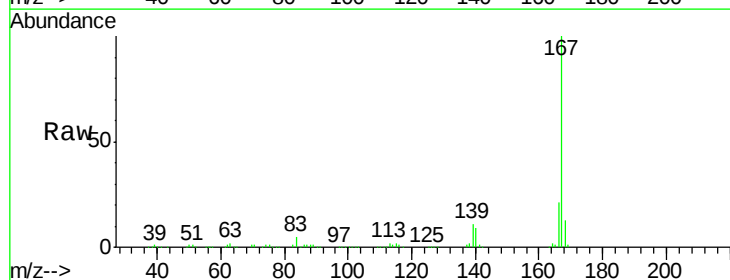
Tgt Ion:167 Resp: 538481

Ion Ratio Lower Upper

167 100

166 21.1 17.4 26.0

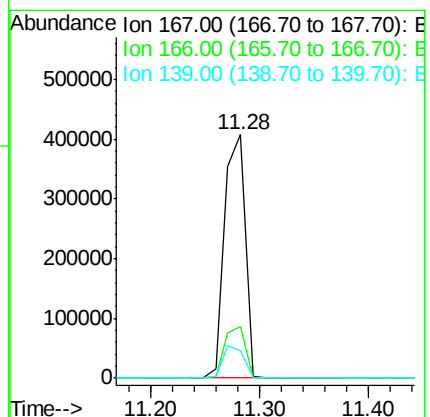
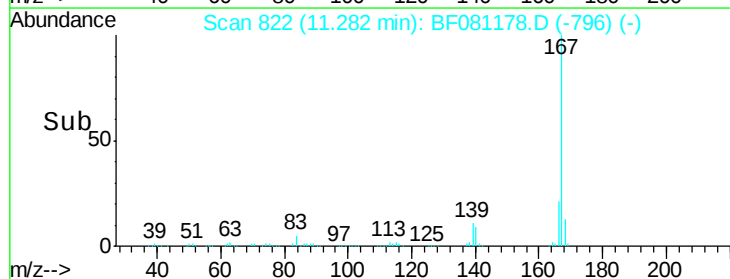
139 11.2 10.6 16.0

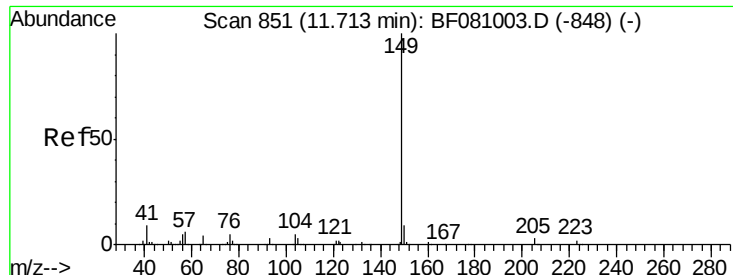


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

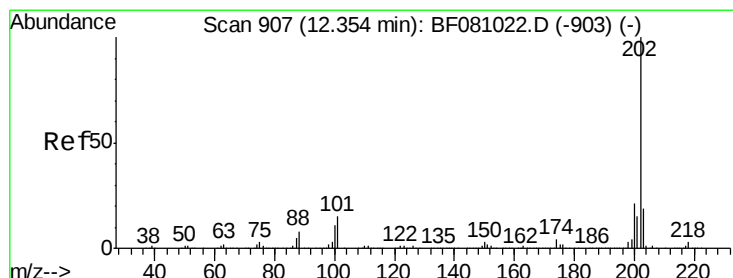
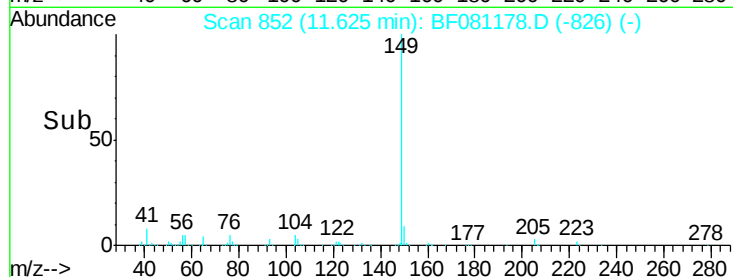
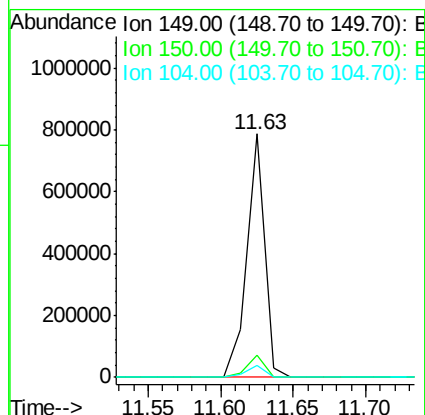
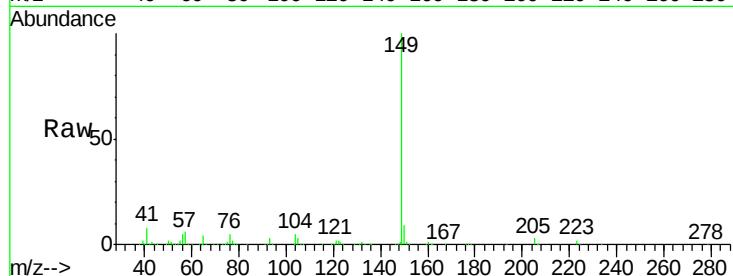




#73
Di-n-butylphthalate
Concen: 39.88 ng
RT: 11.63 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

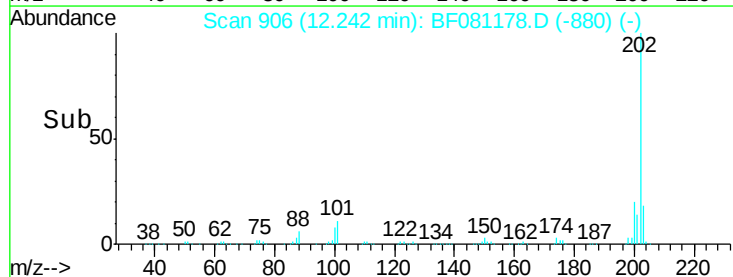
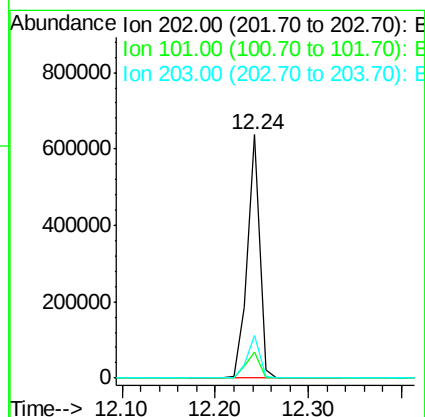
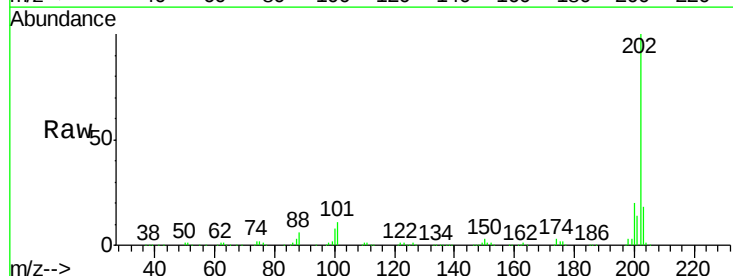
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

Tgt Ion:149 Resp: 666673
Ion Ratio Lower Upper
149 100
150 9.3 7.1 10.7
104 5.0 3.9 5.9



#74
Fluoranthene
Concen: 36.77 ng
RT: 12.24 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF081178.D
Acq: 24 Aug 2015 20:00

Tgt Ion:202 Resp: 585117
Ion Ratio Lower Upper
202 100
101 10.6 0.0 24.8
203 17.5 0.0 36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

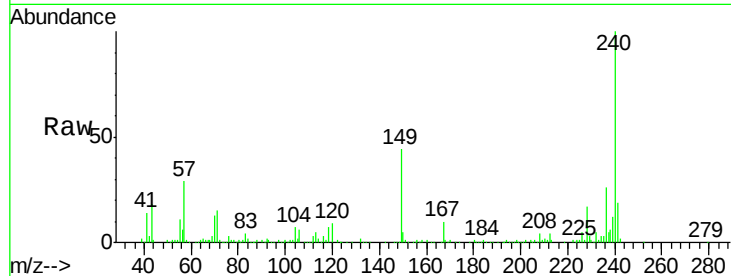
Tgt Ion:240 Resp: 211871

Ion Ratio Lower Upper

240 100

120 8.9 5.6 8.4#

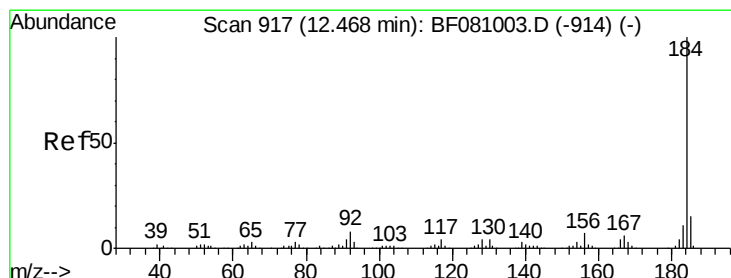
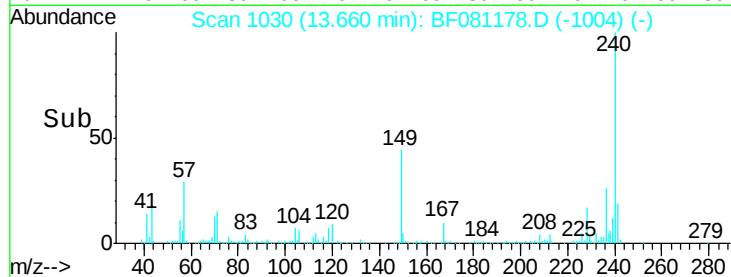
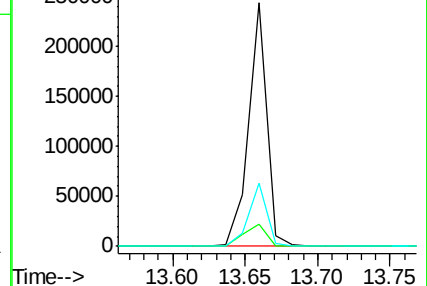
236 26.0 20.6 30.8



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: 19.55 ng

RT: 12.37 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

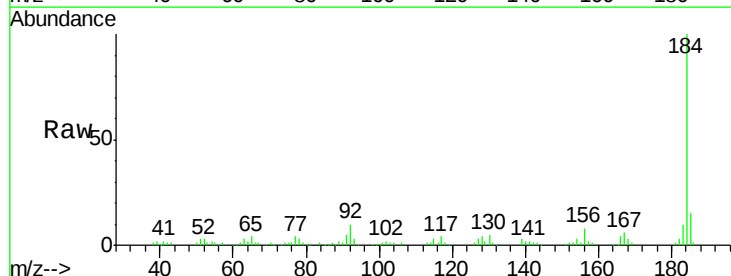
Tgt Ion:184 Resp: 156499

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

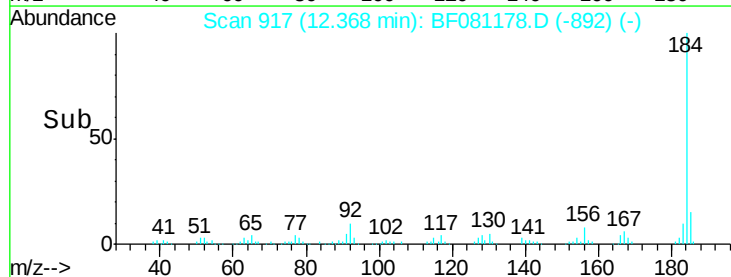
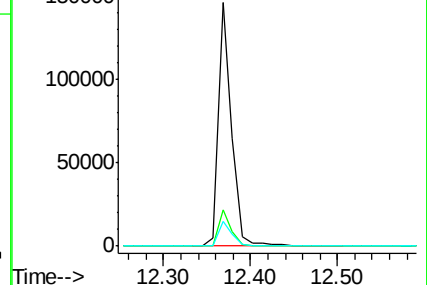
183 9.9 8.9 13.3

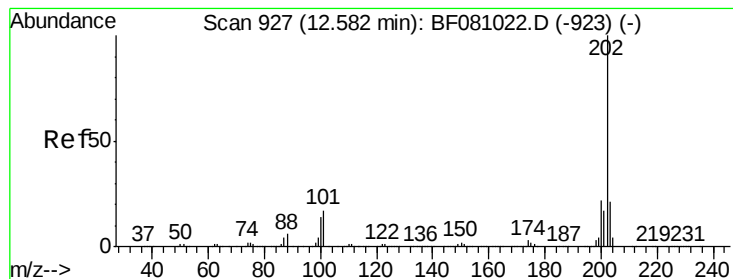


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 34.27 ng

RT: 12.47 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

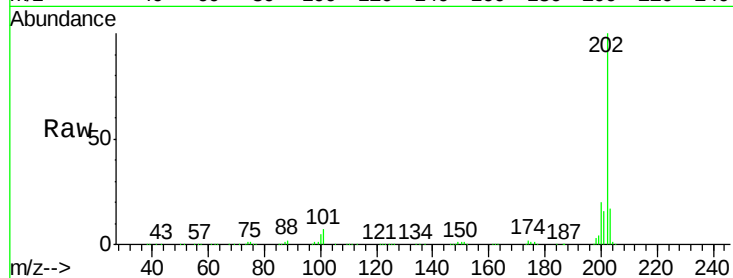
Tgt Ion:202 Resp: 590282

Ion Ratio Lower Upper

202 100

200 20.3 16.6 24.8

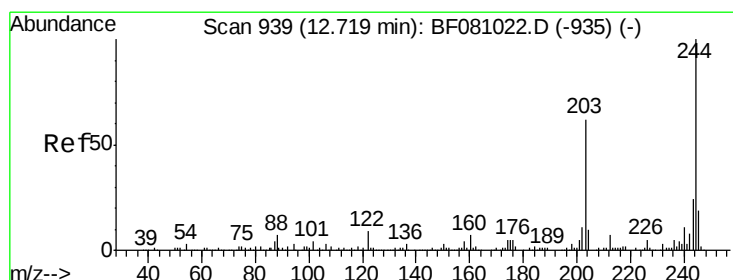
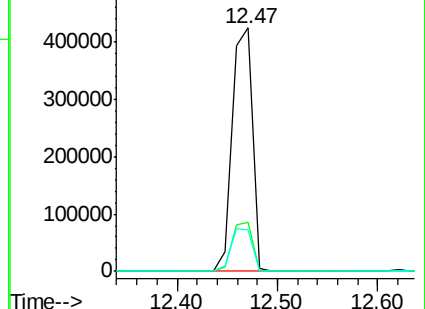
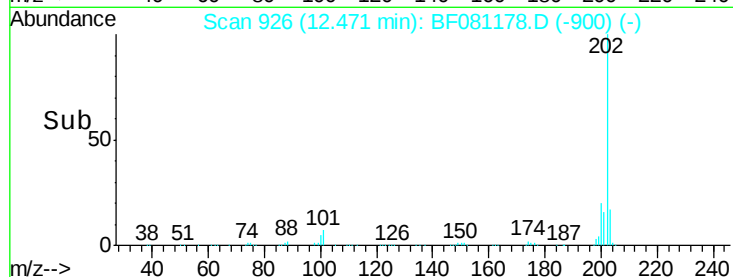
203 17.1 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 62.45 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

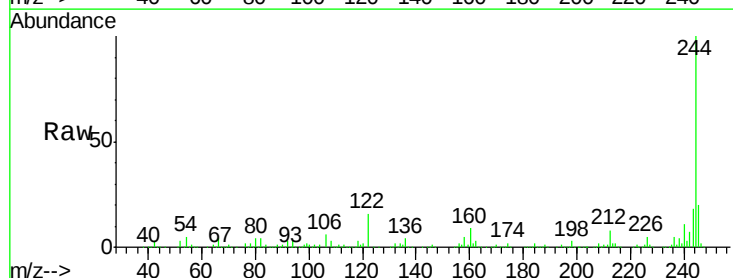
Tgt Ion:244 Resp: 617166

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

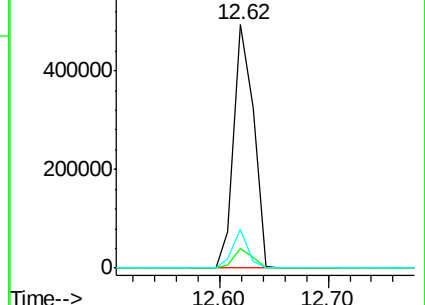
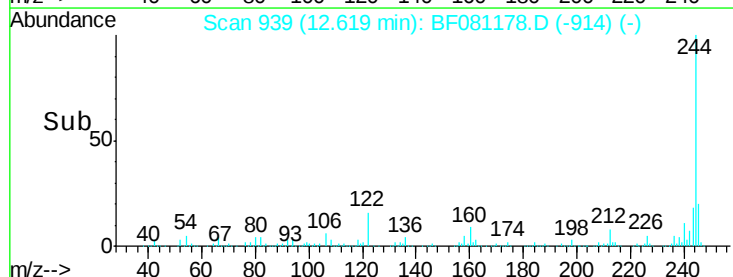
122 15.9 8.2 12.4#

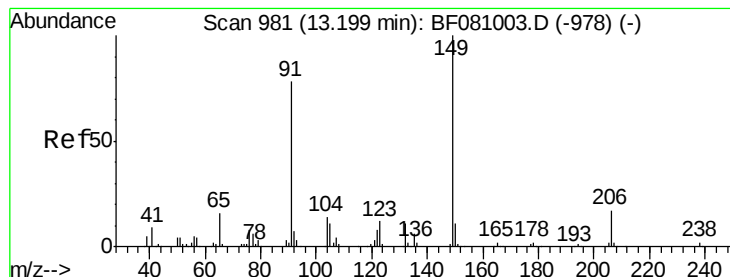


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 35.43 ng

RT: 13.10 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

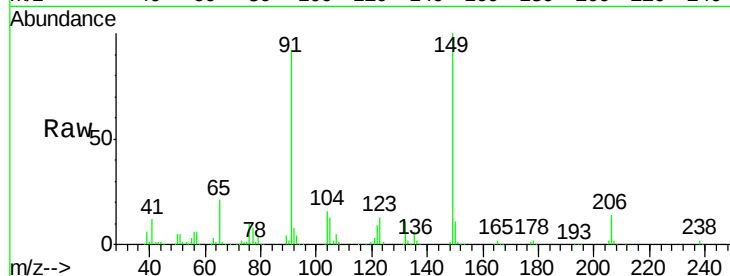
Tgt Ion:149 Resp: 262310

Ion Ratio Lower Upper

149 100

91 91.9 46.9 70.3#

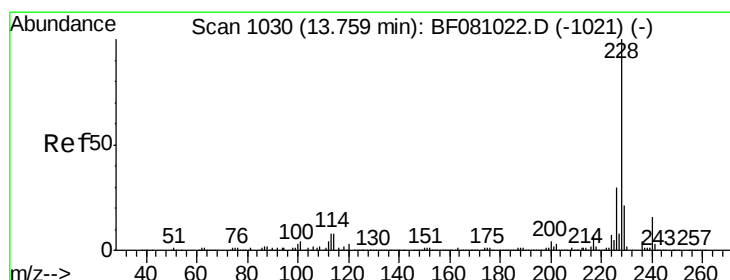
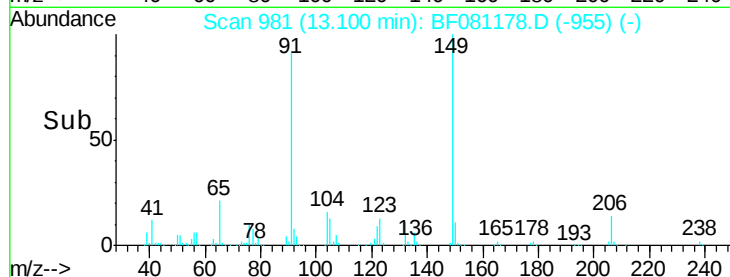
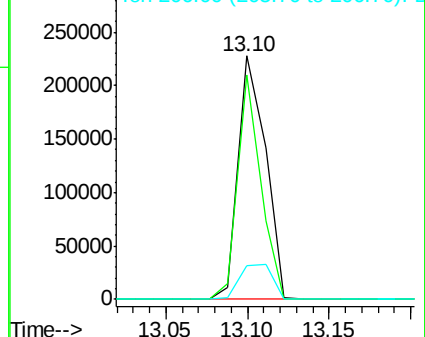
206 13.7 17.0 25.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 33.88 ng

RT: 13.65 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

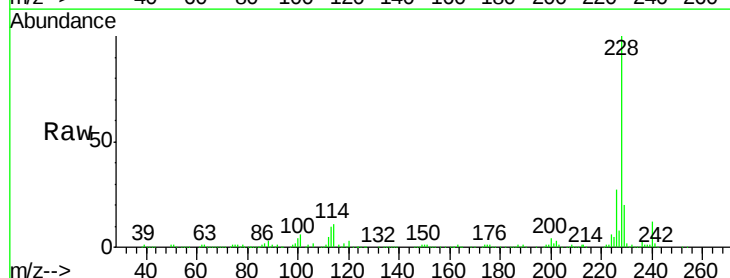
Tgt Ion:228 Resp: 481400

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

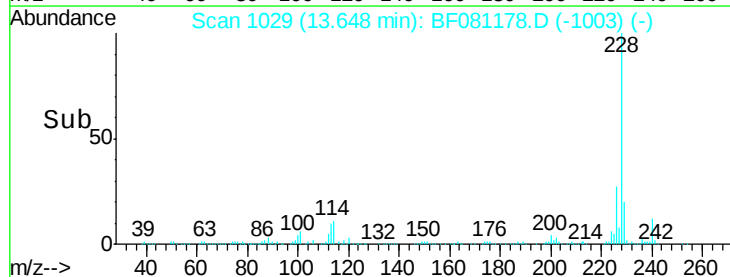
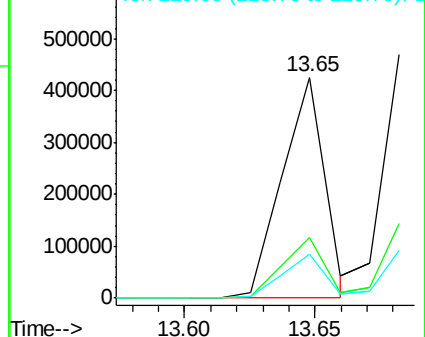
229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

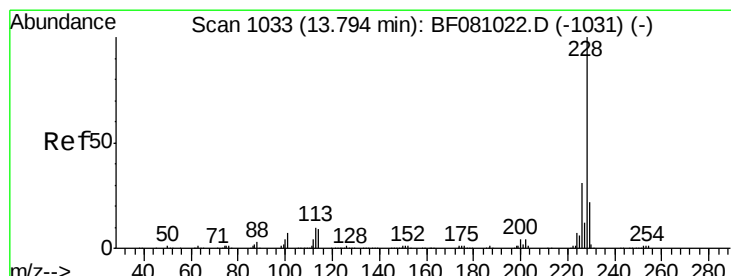
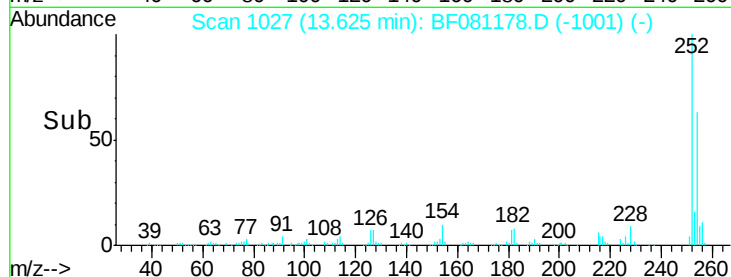
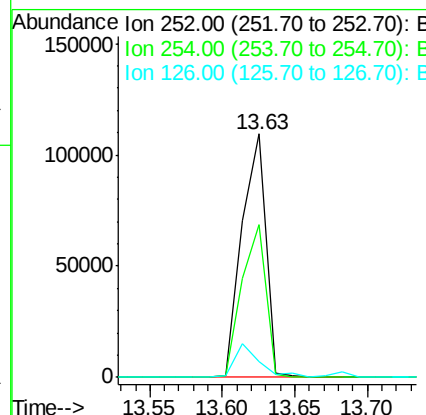
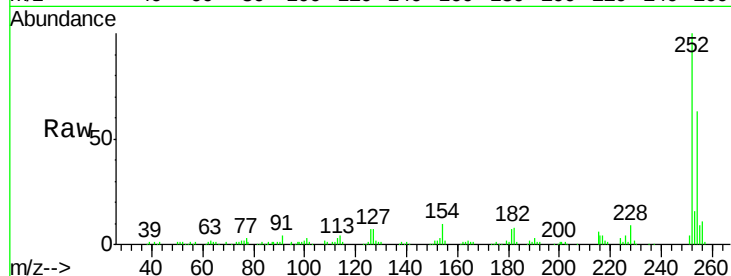




#81
 3,3'-Dichlorobenzidine
 Concen: 27.40 ng
 RT: 13.63 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

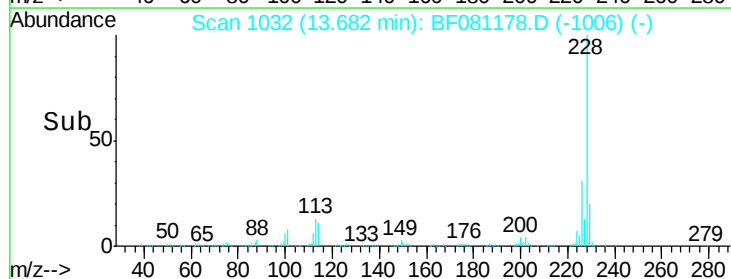
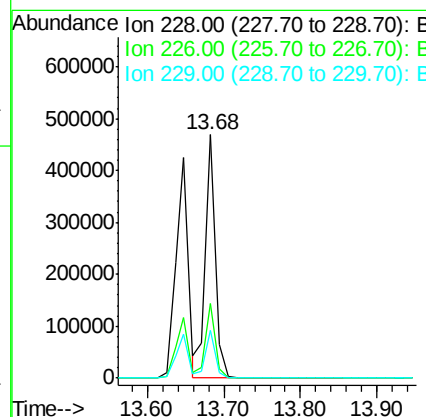
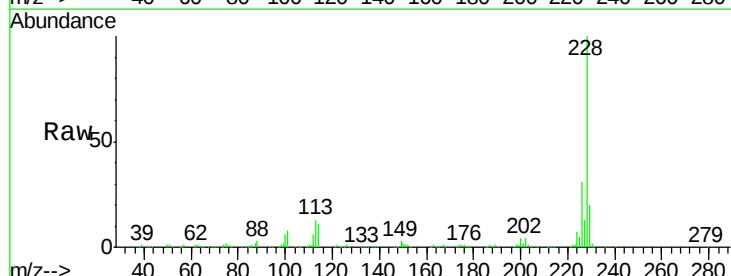
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

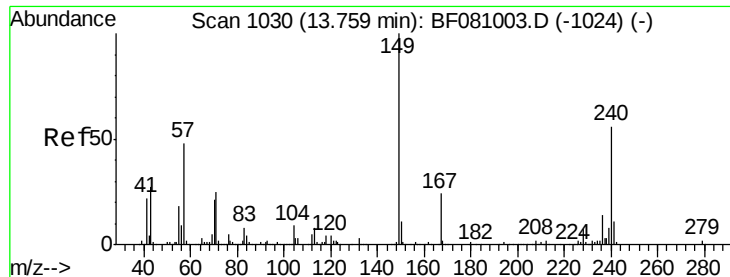
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.5	77.3
126	6.7	12.5	18.7#



#82
 Chrysene
 Concen: 32.89 ng
 RT: 13.68 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	19.9	16.0	24.0

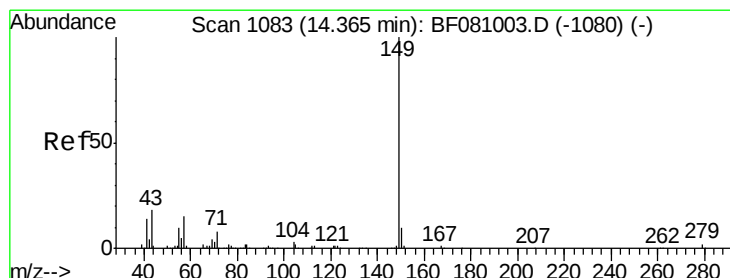
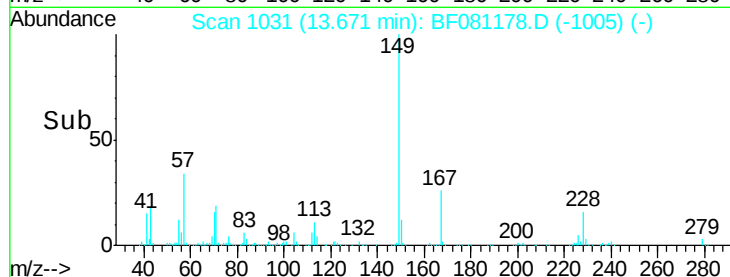
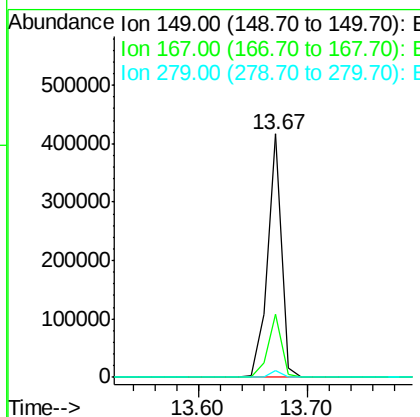
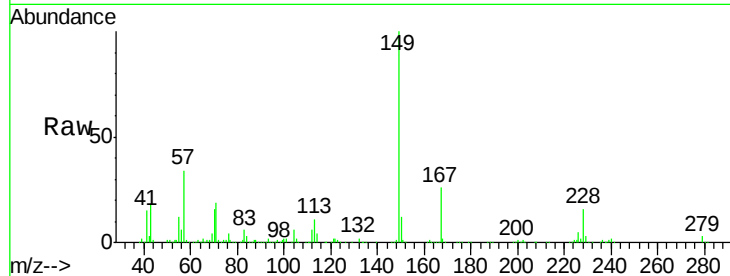




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.46 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

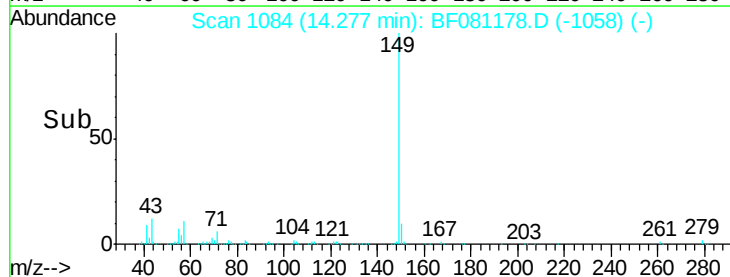
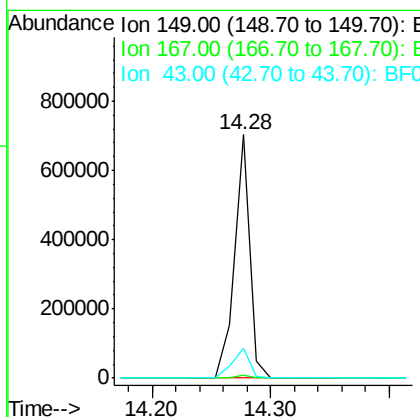
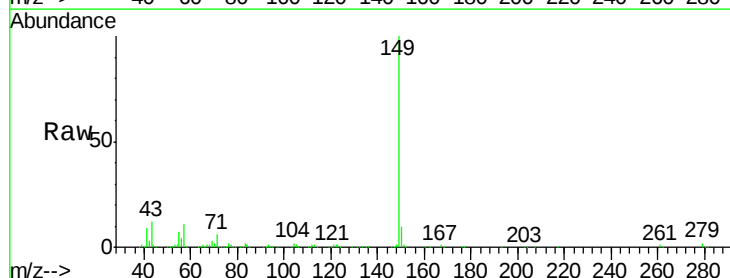
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

Tgt Ion:149 Resp: 374161
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.7 31.1
 279 2.6 2.2 3.4



#84
 Di-n-octyl phthalate
 Concen: 43.39 ng
 RT: 14.28 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Tgt Ion:149 Resp: 625378
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 14.0 11.6 17.4

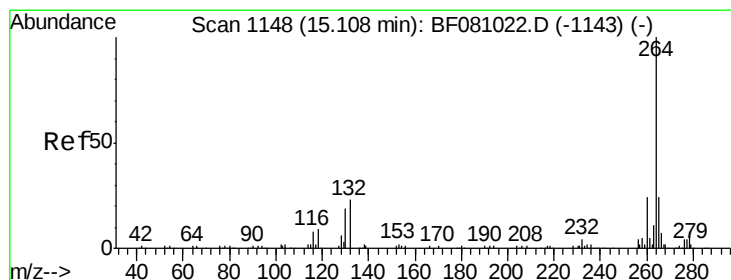
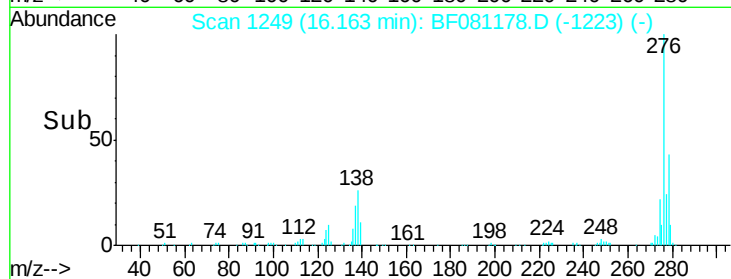
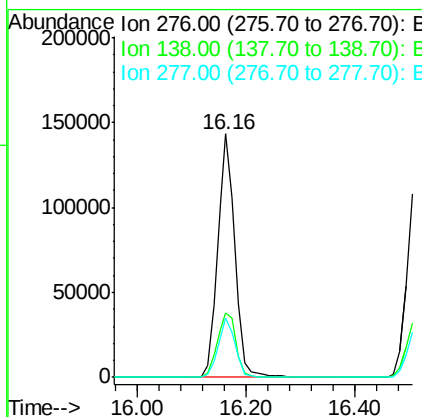
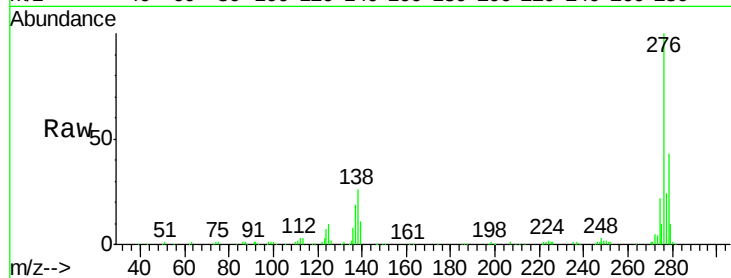




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.54 ng
 RT: 16.16 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

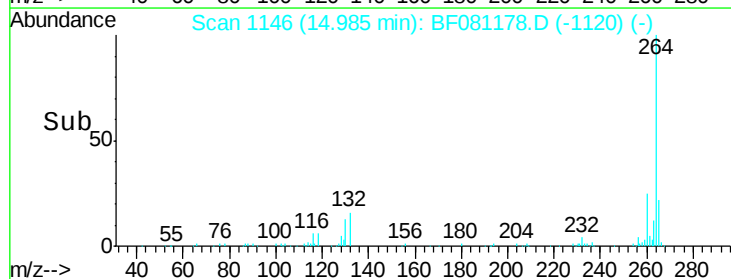
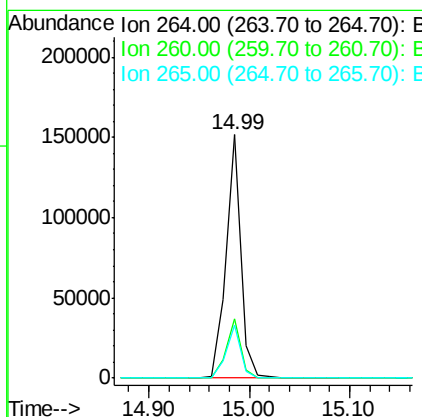
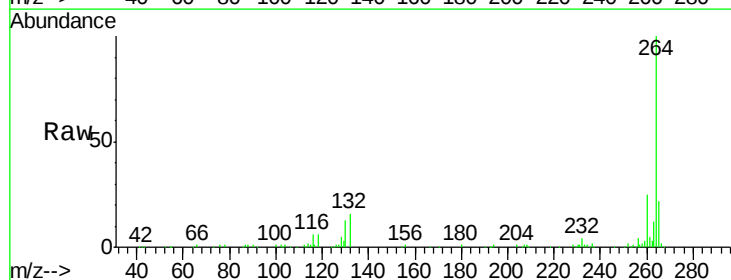
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

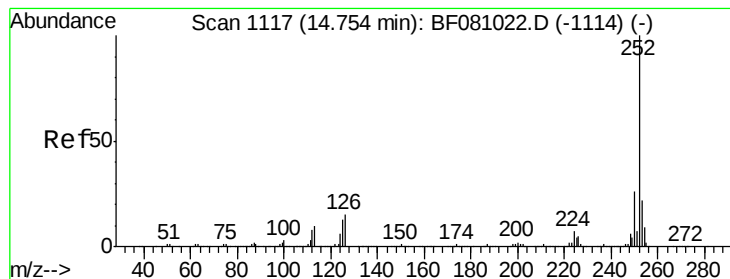
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.9	18.6	28.0#
277	24.4	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BF081178.D
 Acq: 24 Aug 2015 20:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 73.18 ng

RT: 14.67 min Scan# 1118

Delta R.T. 0.02 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

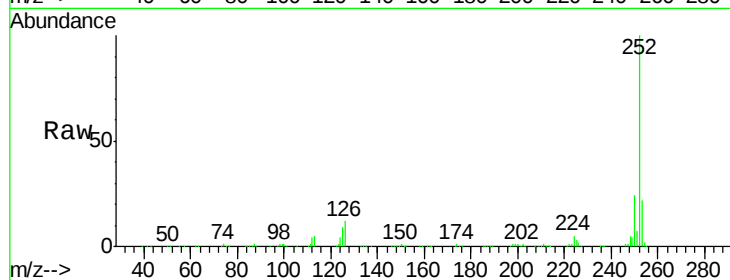
Tgt Ion:252 Resp: 803060

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

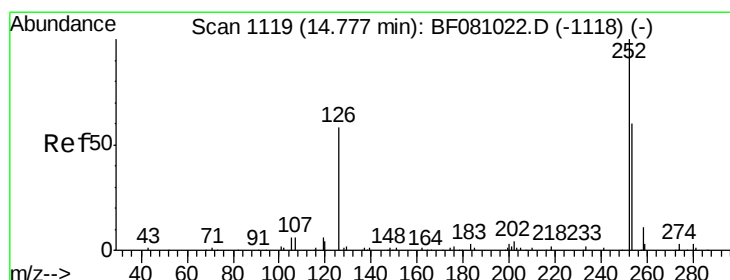
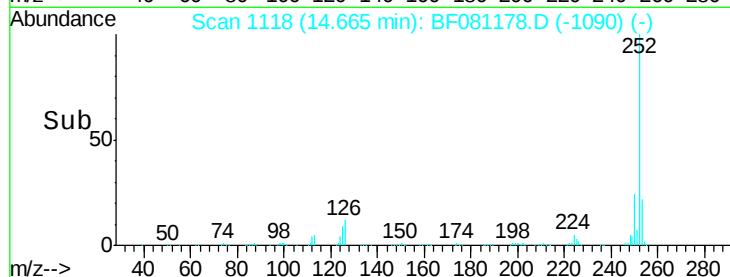
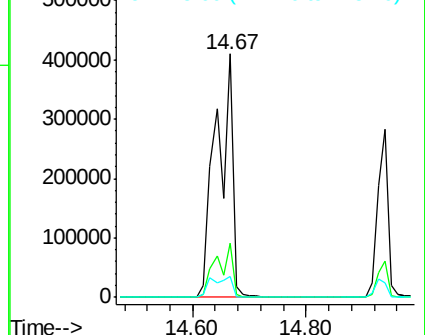
125 8.7 8.0 12.0



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



#88

Benzo(k)fluoranthene

Concen: 78.53 ng

RT: 14.67 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

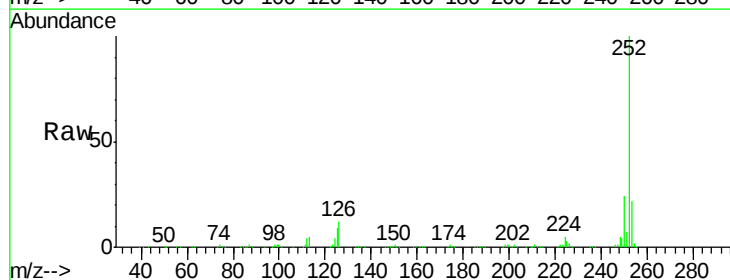
Tgt Ion:252 Resp: 803060

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

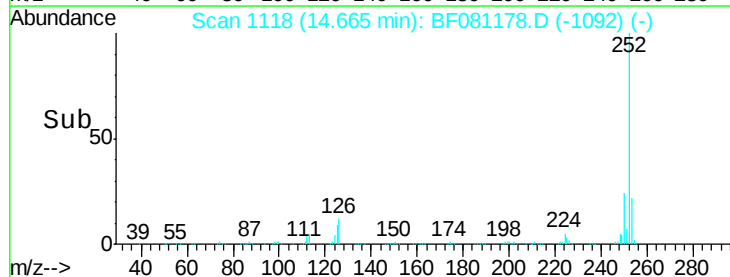
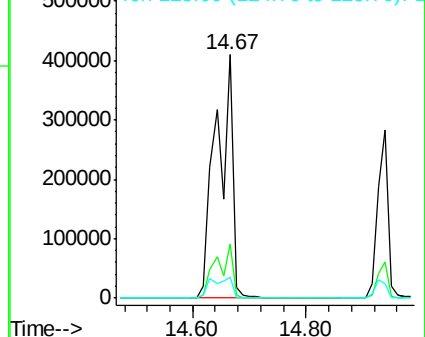
125 8.7 10.3 15.5#

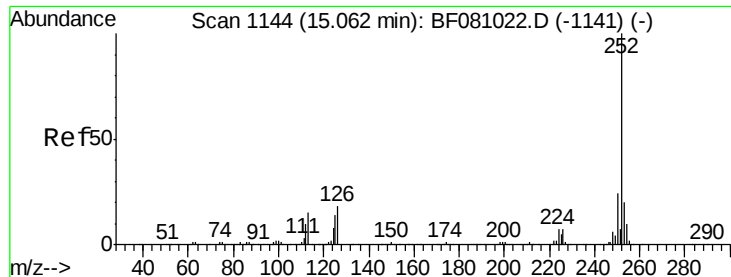


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.07 ng

RT: 14.94 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

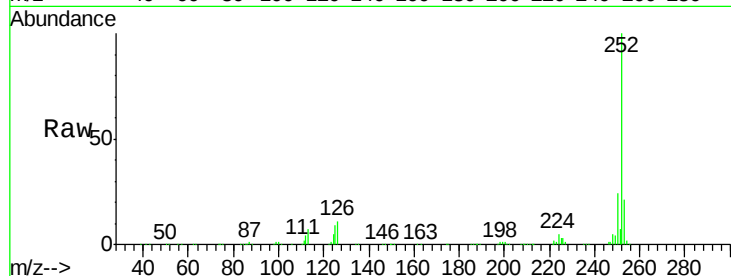
Tgt Ion:252 Resp: 364061

Ion Ratio Lower Upper

252 100

253 21.4 16.6 25.0

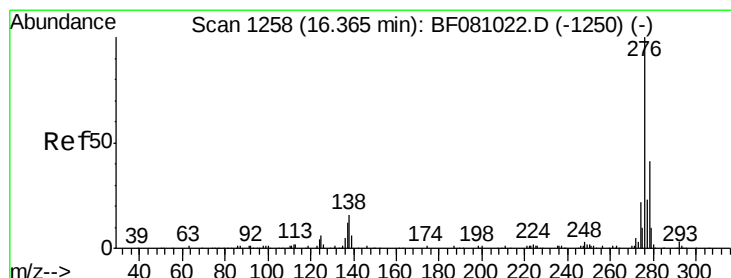
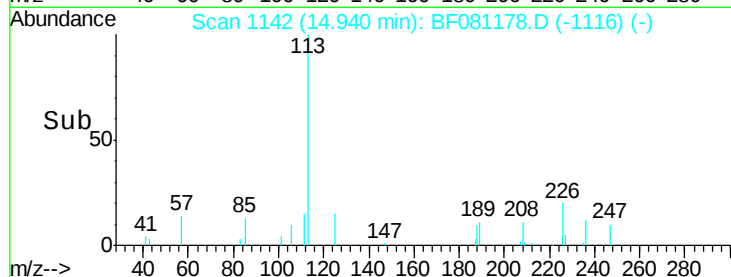
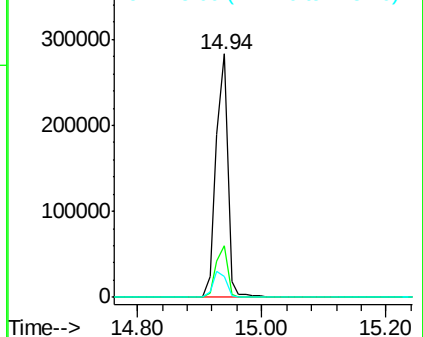
125 8.7 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.00 ng

RT: 16.17 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

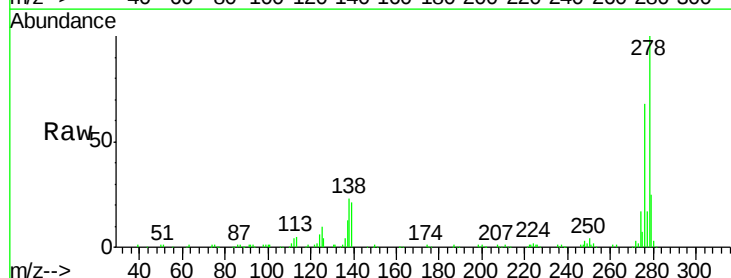
Tgt Ion:278 Resp: 260801

Ion Ratio Lower Upper

278 100

139 21.3 10.8 16.2#

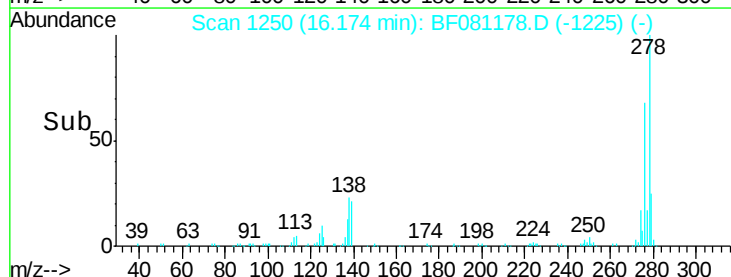
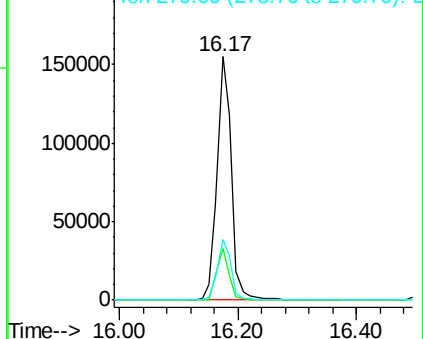
279 24.7 19.0 28.6

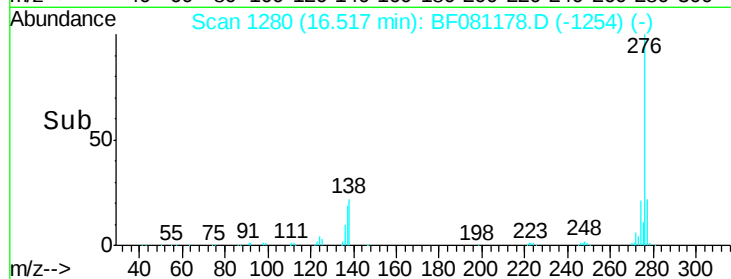
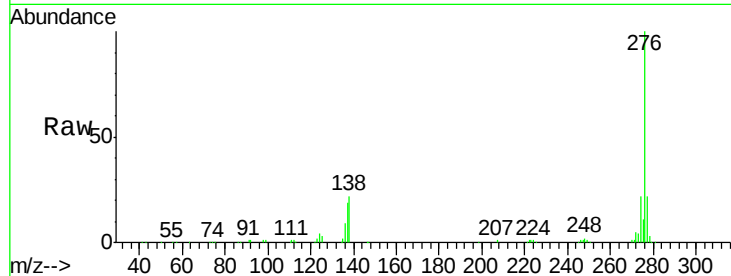


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.66 ng

RT: 16.52 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF081178.D

Acq: 24 Aug 2015 20:00

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

Tgt Ion: 276 Resp: 262002

Ion Ratio Lower Upper

276 100

277 22.4 18.2 27.2

138 22.3 13.7 20.5#

