

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081060.D
 Acq On : 19 Aug 2015 00:36
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 01:52:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	54969	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	228289	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	108031	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	223910	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	173138	20.00	ng	-0.01
86) Perylene-d12	15.07	264	172540	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	270133	73.92	ng	-0.02
7) Phenol-d6	6.25	99	376110	78.88	ng	-0.01
23) Nitrobenzene-d5	7.18	82	384408	76.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	74761	79.83	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	576985	69.98	ng	-0.02
78) Terphenyl-d14	12.70	244	764812	94.70	ng	-0.01

Target Compounds						Qvalue
3) Pyridine	2.63	79	198750	40.89	ng	# 82
4) n-Nitrosodimethylamine	2.58	42	103700	38.32	ng	# 79
6) Aniline	6.27	93	287845	41.52	ng	# 85
8) 2-Chlorophenol	6.39	128	171203	42.80	ng	95
9) Benzaldehyde	6.15	77	131658	42.83	ng	94
10) Phenol	6.26	94	203219	36.09	ng	# 77
11) bis(2-Chloroethyl)ether	6.35	93	189329	43.81	ng	97
12) 1,3-Dichlorobenzene	6.55	146	183476	42.69	ng	98
13) 1,4-Dichlorobenzene	6.63	146	186864	43.91	ng	99
14) 1,2-Dichlorobenzene	6.78	146	159697	40.09	ng	98
15) Benzyl Alcohol	6.76	79	170221	44.12	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.90	45	346423	40.80	ng	99
17) 2-Methylphenol	6.88	107	134320	39.13	ng	95
18) Hexachloroethane	7.12	117	72252	42.01	ng	95
19) n-Nitroso-di-n-propylamine	7.04	70	135798	41.11	ng	92
20) 3+4-Methylphenols	7.04	107	173874	39.91	ng	# 49
22) Acetophenone	7.03	105	226076	37.72	ng	# 91
24) Nitrobenzene	7.20	77	211941	40.56	ng	97
25) Isophorone	7.44	82	382310	41.02	ng	99
26) 2-Nitrophenol	7.52	139	95143	43.78	ng	# 64
27) 2,4-Dimethylphenol	7.56	122	145052	37.73	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	220114	39.98	ng	# 98
29) 2,4-Dichlorophenol	7.76	162	138683	42.85	ng	91
30) 1,2,4-Trichlorobenzene	7.84	180	142439	39.60	ng	98
31) Naphthalene	7.92	128	546034	42.91	ng	99
32) Benzoic acid	7.70	122	94236	43.58	ng	# 85
33) 4-Chloroaniline	7.98	127	228230	42.51	ng	# 86
34) Hexachlorobutadiene	8.04	225	86462	42.50	ng	98
35) Caprolactam	8.35	113	44051	38.94	ng	# 89
36) 4-Chloro-3-methylphenol	8.47	107	159000	41.22	ng	# 83
37) 2-Methylnaphthalene	8.60	142	321287	39.97	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	142613	40.92	ng	99
40) Hexachlorocyclopentadiene	8.76	237	76293	42.29	ng	100
42) 2,4,6-Trichlorophenol	8.89	196	104752	42.54	ng	98

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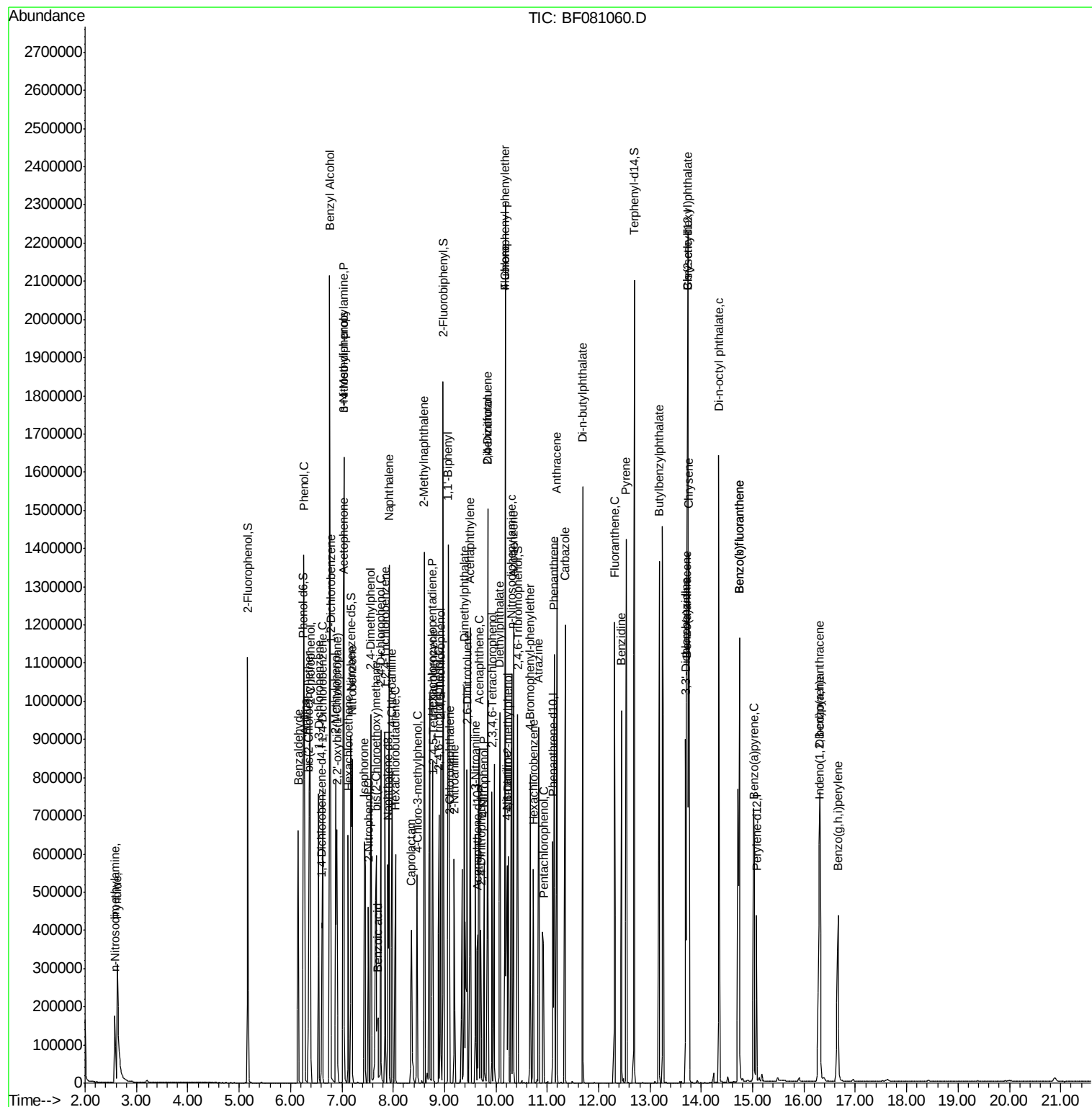
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.92	196	103163	41.92	nq	# 92
45) 1,1'-Biphenyl	9.07	154	414362	43.54	nq	98
46) 2-Chloronaphthalene	9.10	162	296049	38.73	nq	98
47) 2-Nitroaniline	9.19	65	113258	36.20	nq	97
48) Acenaphthylene	9.50	152	503207	36.80	nq	99
49) Dimethylphthalate	9.38	163	363391	40.84	nq	99
50) 2,6-Dinitrotoluene	9.44	165	81471	42.65	nq	# 86
51) Acenaphthene	9.68	154	320451	39.14	nq	99
52) 3-Nitroaniline	9.60	138	85869	35.92	nq	98
53) 2,4-Dinitrophenol	9.70	184	44103	46.33	nq	94
54) Dibenzofuran	9.84	168	414948	37.82	nq	91
55) 4-Nitrophenol	9.77	139	76562	45.60	nq	# 73
56) 2,4-Dinitrotoluene	9.84	165	116673	46.08	nq	92
57) Fluorene	10.18	166	317903	37.67	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	80023	42.01	nq	99
59) Diethylphthalate	10.08	149	423023	44.92	nq	95
60) 4-Chlorophenyl-phenylether	10.18	204	153998	43.12	nq	97
61) 4-Nitroaniline	10.22	138	111938	45.82	nq	89
62) Azobenzene	10.34	77	482247	44.44	nq	96
64) 4,6-Dinitro-2-methylphenol	10.24	198	56204	42.03	nq	98
65) n-Nitrosodiphenylamine	10.31	169	339490	42.47	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	86942	39.53	nq	# 56
67) Hexachlorobenzene	10.73	284	98532	44.23	nq	# 89
68) Atrazine	10.83	200	86163	38.69	nq	98
69) Pentachlorophenol	10.92	266	60979	45.62	nq	97
70) Phenanthrene	11.13	178	484231	36.49	nq	100
71) Anthracene	11.19	178	555861	43.05	nq	99
72) Carbazole	11.35	167	563609	45.33	nq	99
73) Di-n-butylphthalate	11.69	149	712529	47.36	nq	98
74) Fluoranthene	12.31	202	540703	37.76	nq	92
76) Benzidine	12.44	184	364417	55.72	nq	99
77) Pyrene	12.54	202	584564	41.53	nq	99
79) Butylbenzylphthalate	13.18	149	338776	56.00	nq	# 85
80) Benzo(a)anthracene	13.71	228	552030	47.54	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	170024	45.21	nq	98
82) Chrysene	13.76	228	514228	49.14	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	449662	58.03	nq	# 97
84) Di-n-octyl phthalate	14.34	149	737794	62.64	nq	100
85) Indeno(1,2,3-cd)pyrene	16.30	276	417215	56.79	nq	# 94
87) Benzo(b)fluoranthene	14.74	252	923181	75.64	nq	98
88) Benzo(k)fluoranthene	14.74	252	923181	81.18	nq	98
89) Benzo(a)pyrene	15.03	252	433902	40.80	nq	# 96
90) Dibenzo(a,h)anthracene	16.31	278	343703	41.48	nq	# 92
91) Benzo(g,h,i)perylene	16.66	276	334236	39.76	nq	# 91

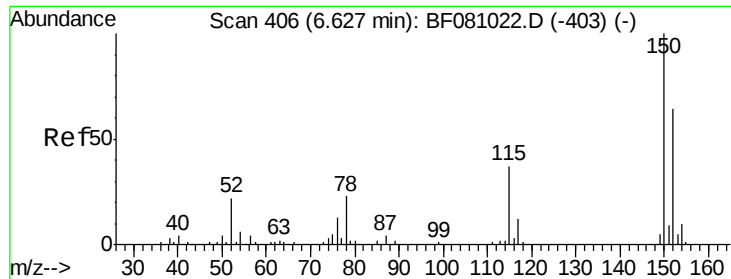
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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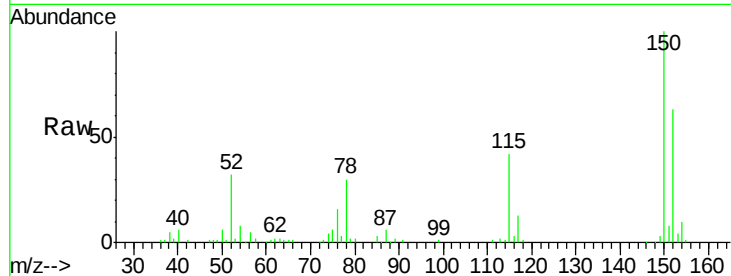


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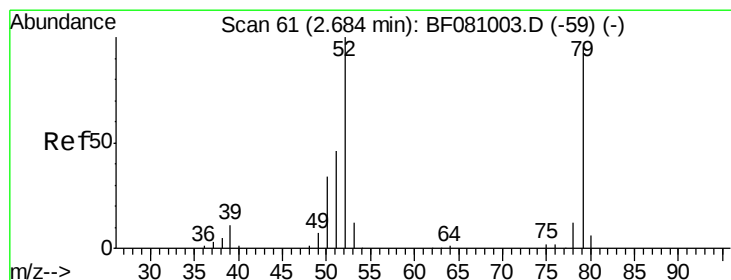
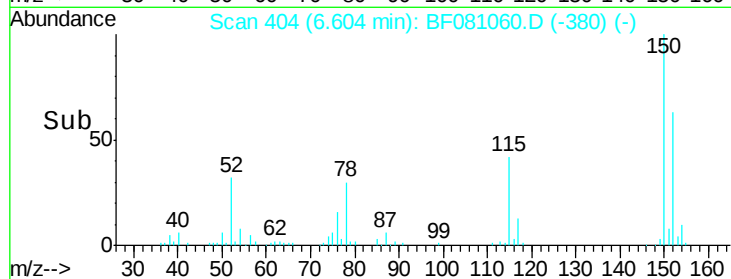
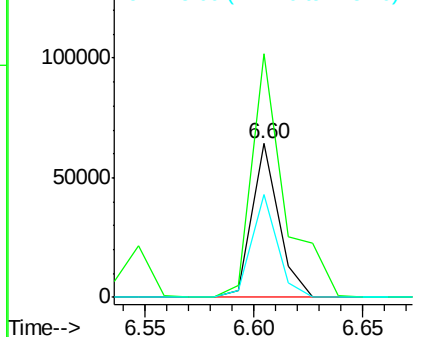
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 54969
Ion Ratio Lower Upper
152 100
150 158.4 123.8 185.6
115 66.9 52.1 78.1



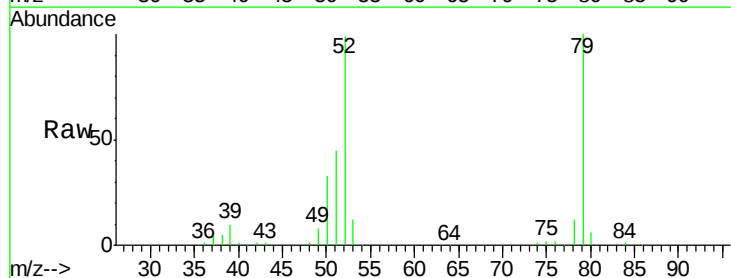
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



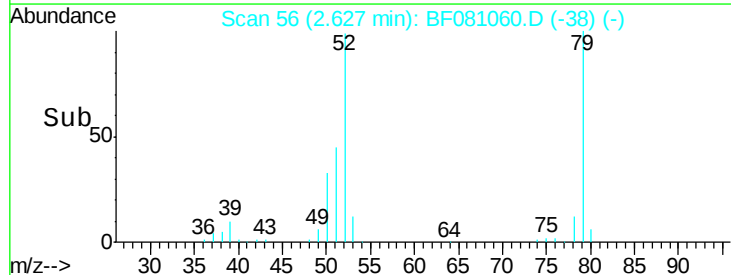
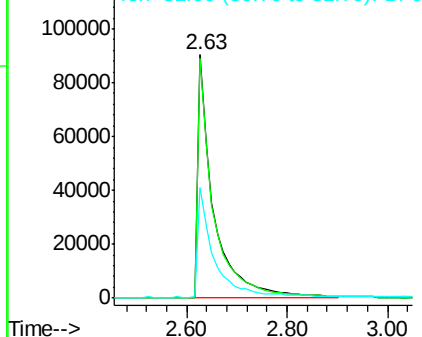
#3

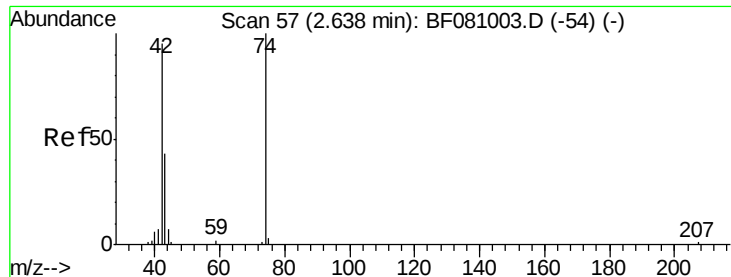
Pyridine
Concen: 40.89 ng
RT: 2.63 min Scan# 56
Delta R.T. -0.09 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Tgt Ion: 79 Resp: 198750
Ion Ratio Lower Upper
79 100
52 98.7 95.1 142.7
51 45.3 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



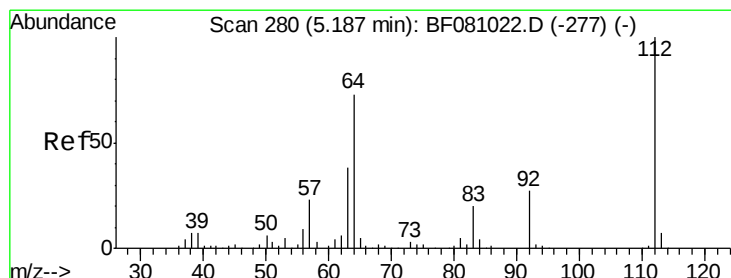
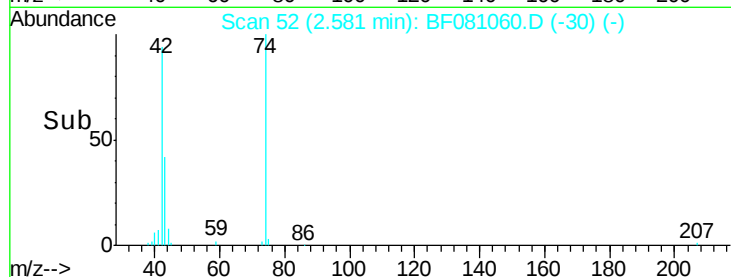
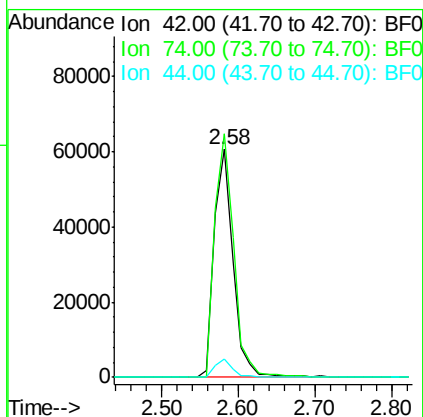
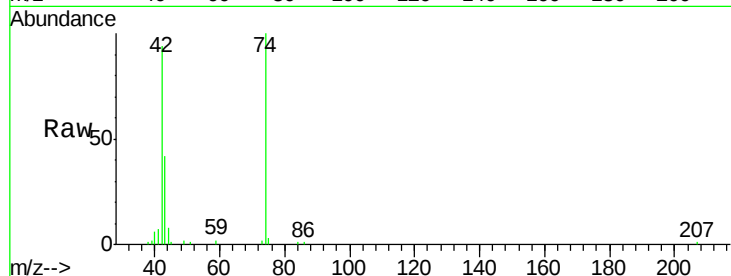


#4

n-Nitrosodimethylamine
 Concen: 38.32 ng
 RT: 2.58 min Scan# 52
 Delta R.T. -0.05 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Instrument :
 BNA_F
 ClientSampleId :

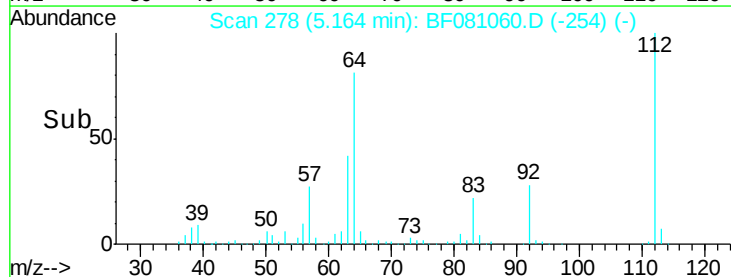
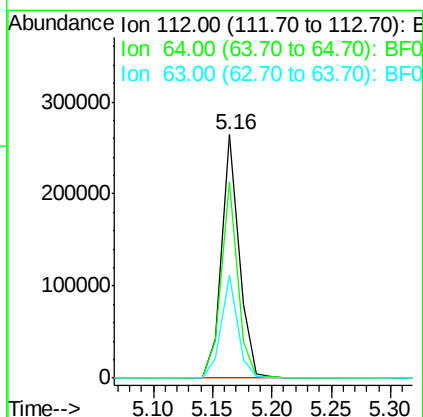
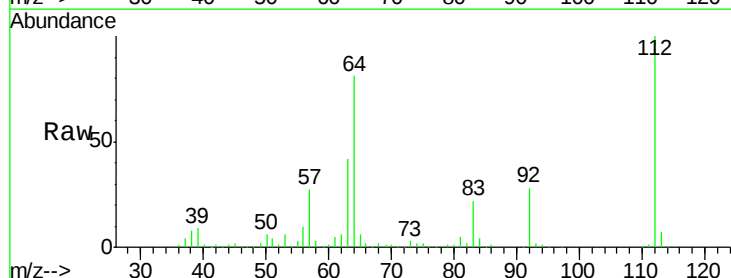
Tot Ion	Ratio	Lower	Upper
42	100		
74	106.9	69.3	103.9#
44	8.0	5.5	8.3

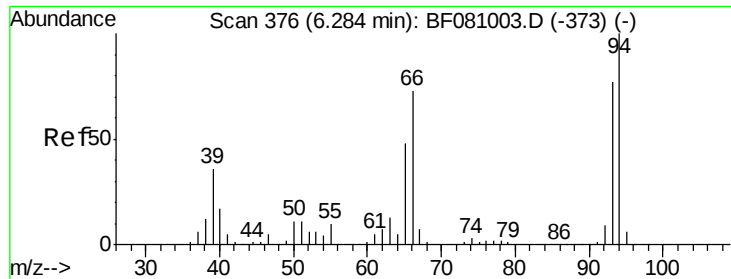


#5

2-Fluorophenol
 Concen: 73.92 ng
 RT: 5.16 min Scan# 278
 Delta R.T. -0.02 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.6	66.9	100.3
63	42.1	38.1	57.1





#6

Aniline

Concen: 41.52 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampled :

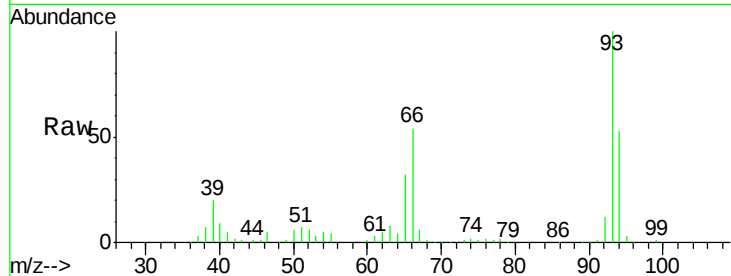
Tot Ion: 93 Resp: 287845

Ion Ratio Lower Upper

93 100

66 53.7 35.6 53.4#

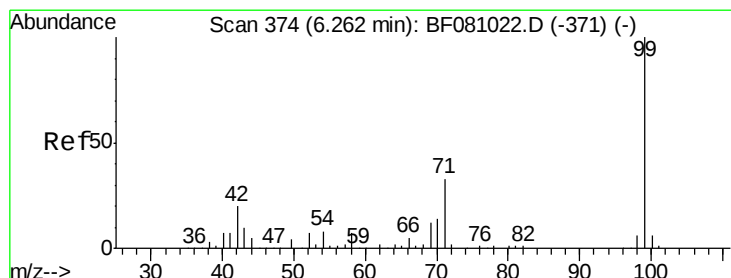
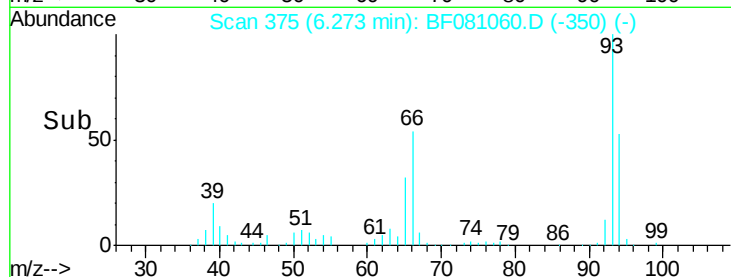
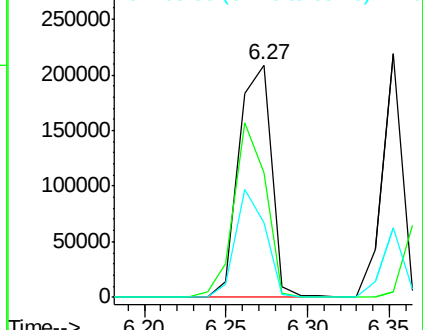
65 31.9 18.7 28.1#



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: 78.88 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

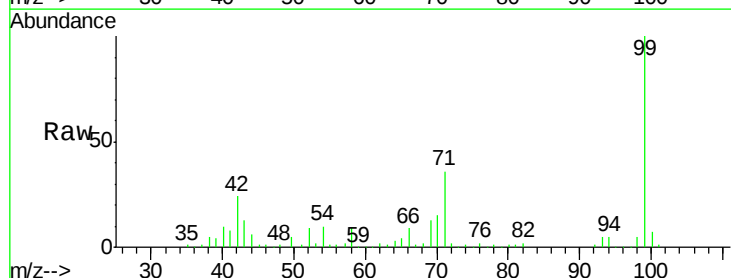
Tgt Ion: 99 Resp: 376110

Ion Ratio Lower Upper

99 100

42 23.7 19.6 29.4

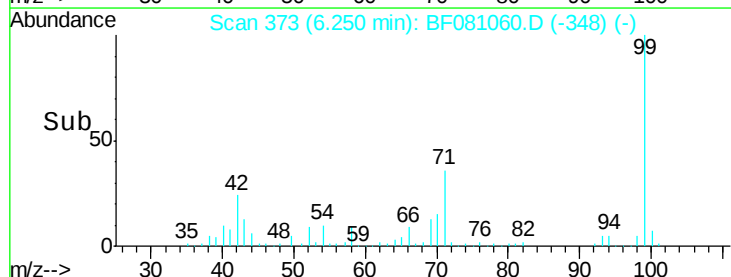
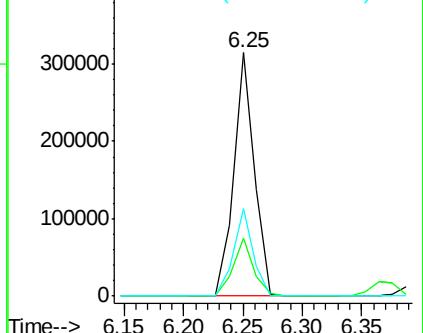
71 36.2 31.2 46.8

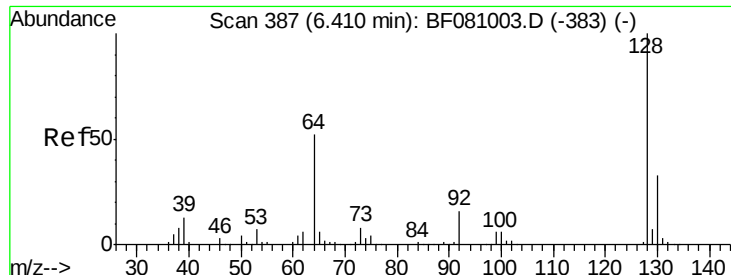


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 42.80 ng

RT: 6.39 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampled :

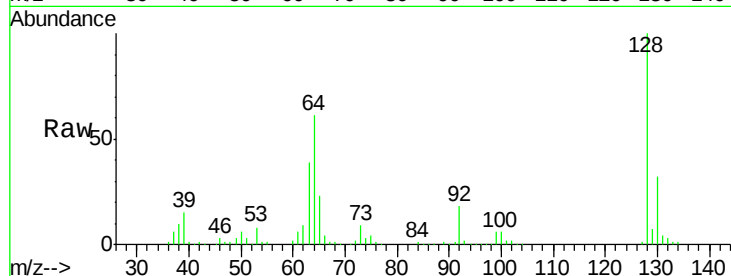
Tot Ion:128 Resp: 171203

Ion Ratio Lower Upper

128 100

130 31.5 12.5 52.5

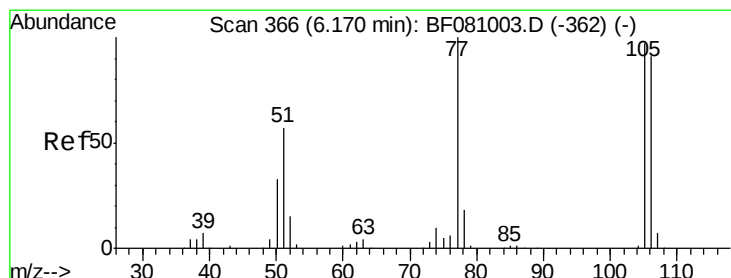
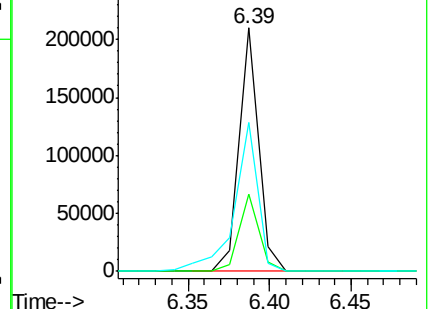
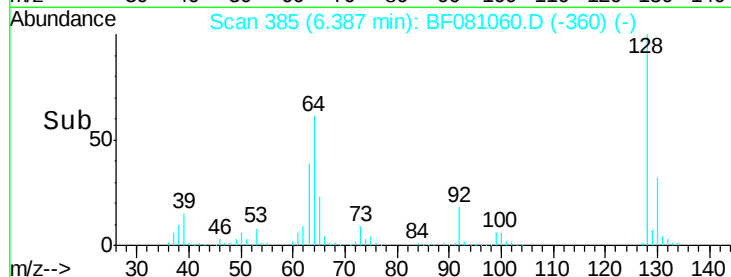
64 61.2 46.8 86.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 42.83 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

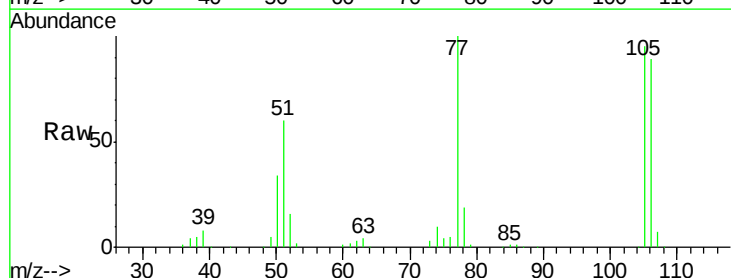
Tgt Ion: 77 Resp: 131658

Ion Ratio Lower Upper

77 100

105 95.2 69.6 109.6

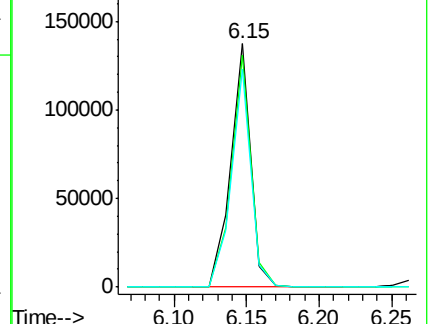
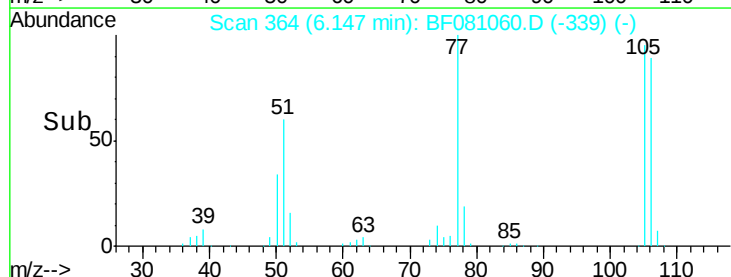
106 89.4 64.0 104.0

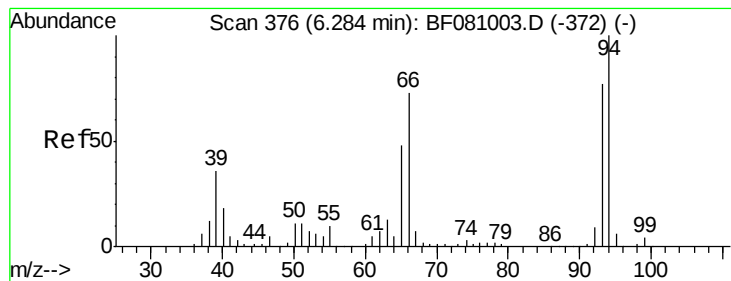


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 36.09 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampled :

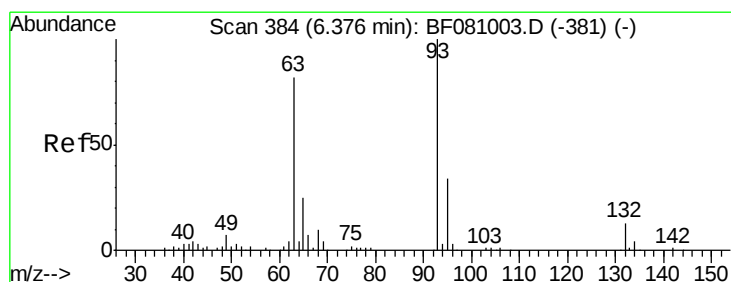
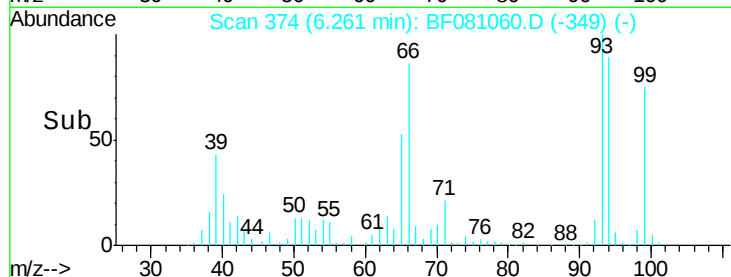
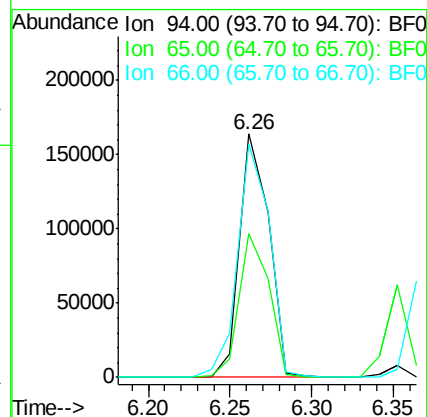
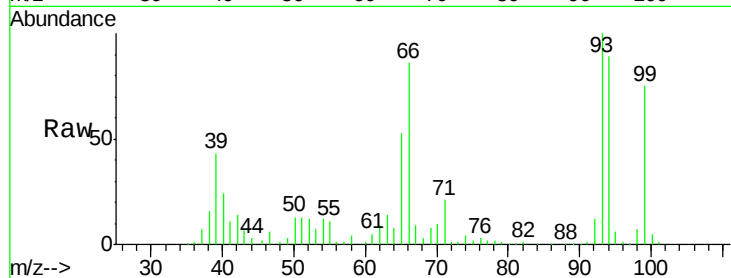
Tot Ion: 94 Resp: 203219

Ion Ratio Lower Upper

94 100

65 59.0 28.4 68.4

66 96.0 52.3 92.3#



#11

bis(2-Chloroethyl)ether

Concen: 43.81 ng

RT: 6.35 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

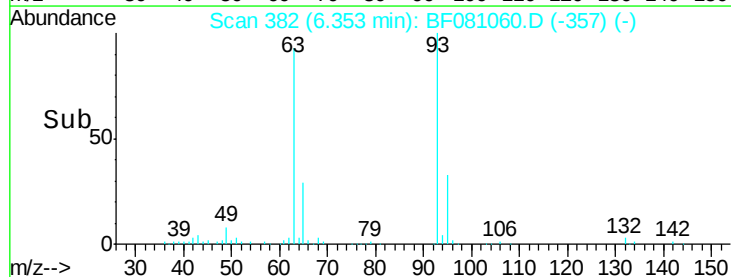
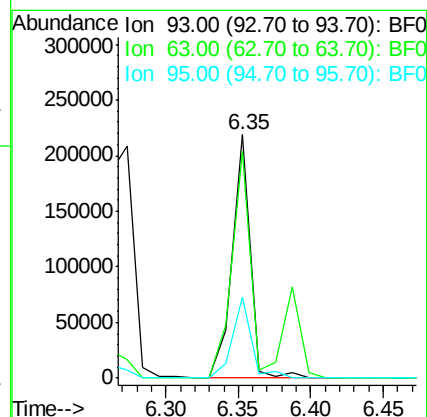
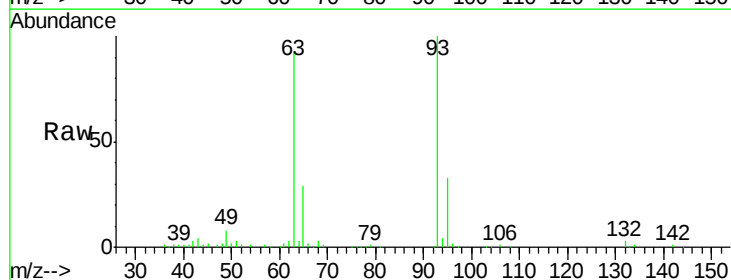
Tgt Ion: 93 Resp: 189329

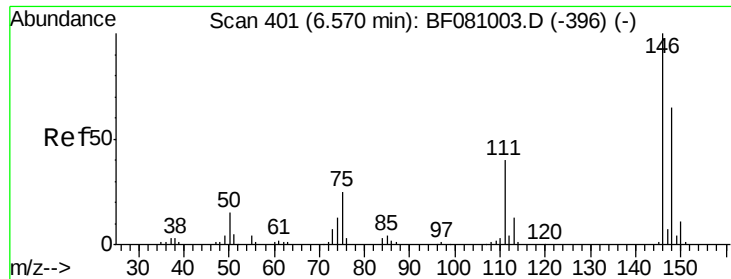
Ion Ratio Lower Upper

93 100

63 93.5 69.6 109.6

95 33.1 12.3 52.3

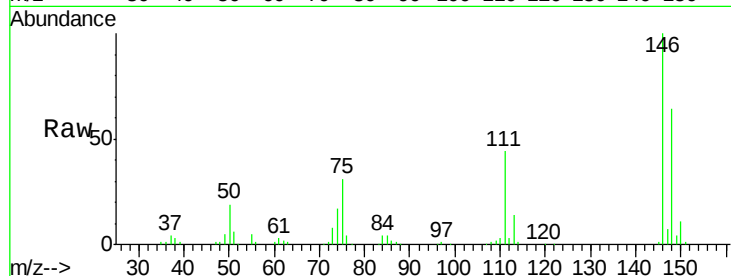




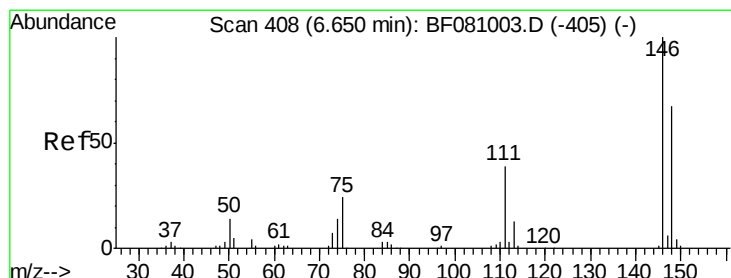
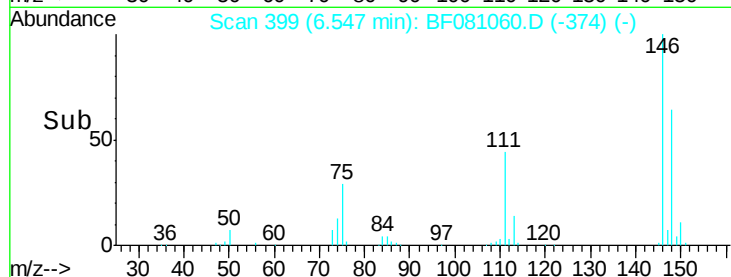
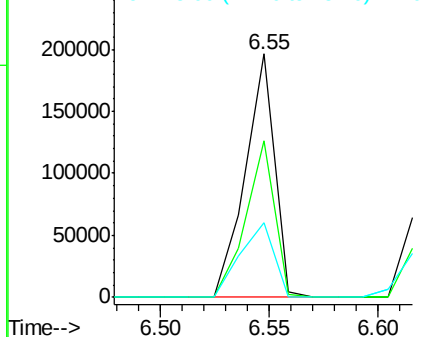
#12
 1,3-Dichlorobenzene
 Concen: 42.69 ng
 RT: 6.55 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 183476
 Ion Ratio Lower Upper
 146 100
 148 64.2 53.3 79.9
 75 30.6 25.0 37.6

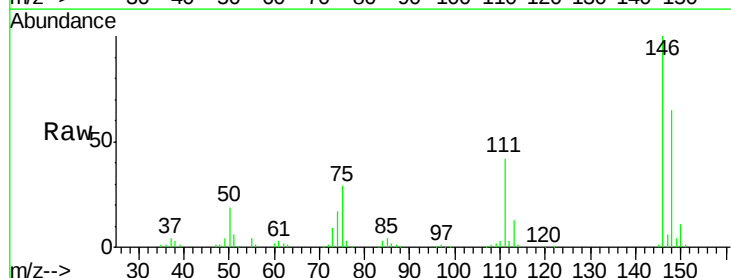


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

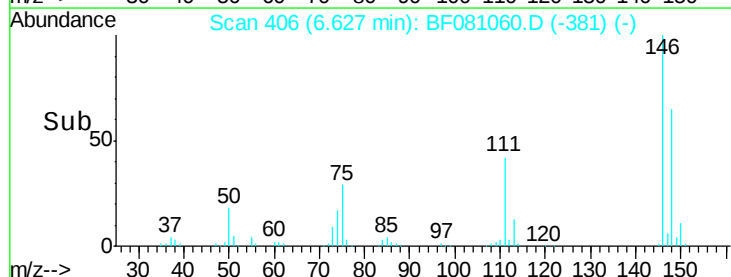
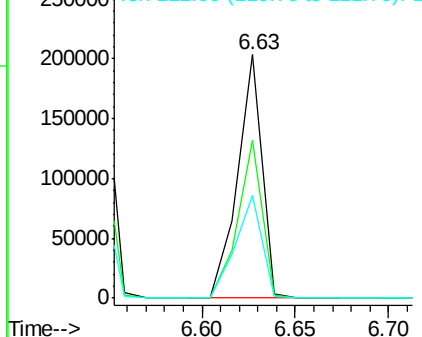


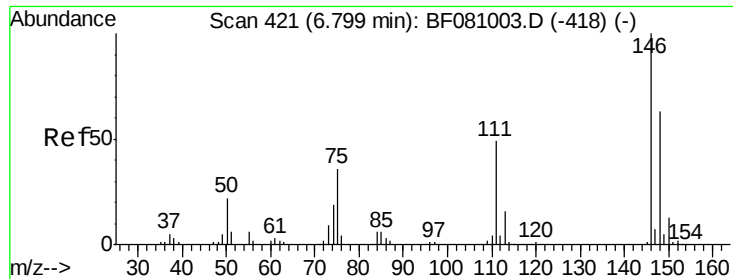
#13
 1,4-Dichlorobenzene
 Concen: 43.91 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Tgt Ion:146 Resp: 186864
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.3 78.5
 111 42.1 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

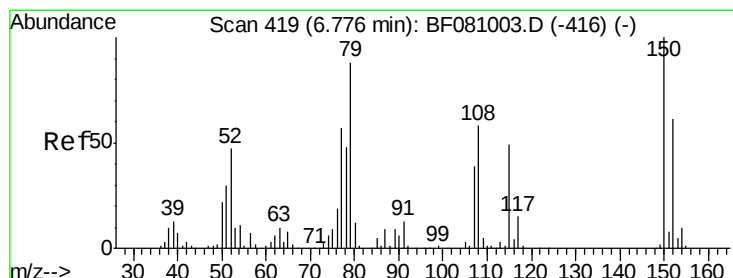
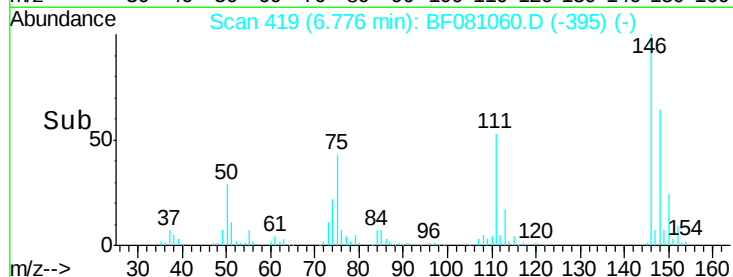
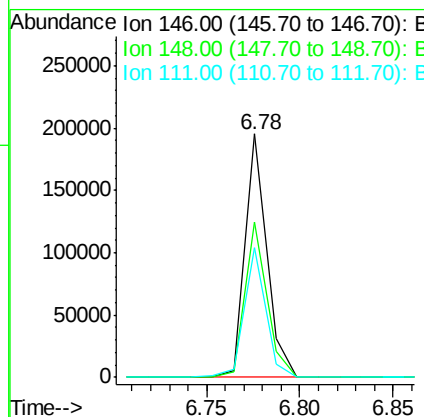
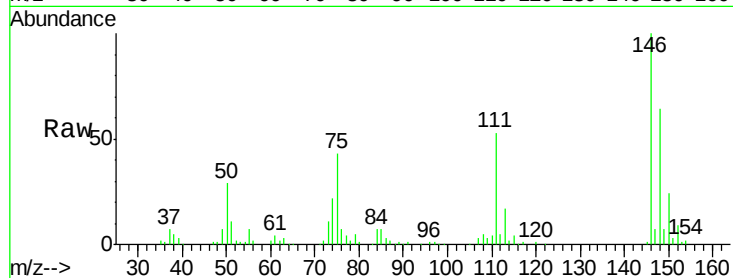




#14
 1,2-Dichlorobenzene
 Concen: 40.09 ng
 RT: 6.78 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

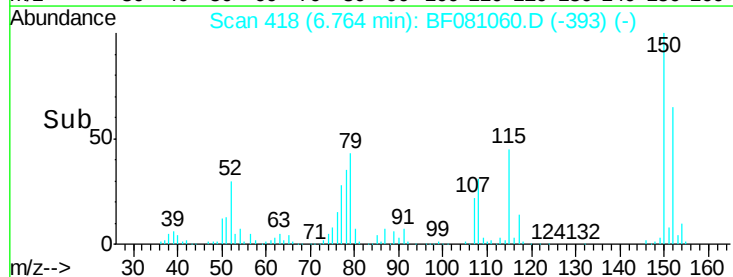
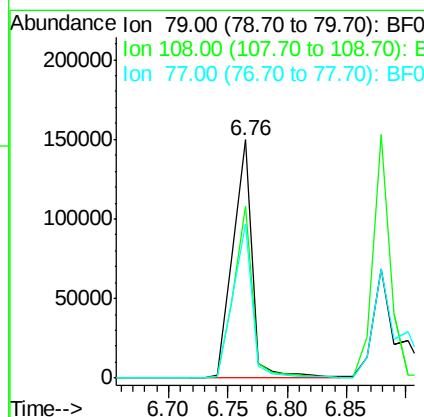
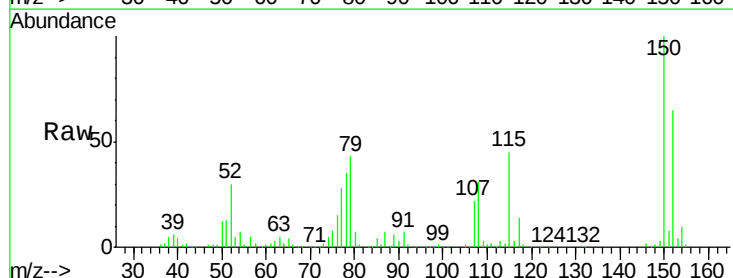
Instrument :
 BNA_F
 ClientSampleId :

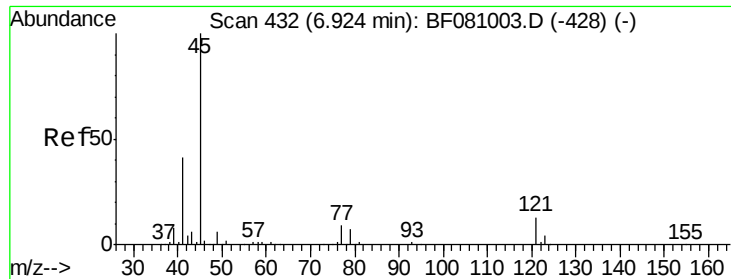
Tot Ion:146 Resp: 159697
 Ion Ratio Lower Upper
 146 100
 148 63.8 48.7 73.1
 111 53.3 42.3 63.5



#15
 Benzyl Alcohol
 Concen: 44.12 ng
 RT: 6.76 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Tgt Ion: 79 Resp: 170221
 Ion Ratio Lower Upper
 79 100
 108 72.3 49.4 74.2
 77 64.4 51.4 77.0

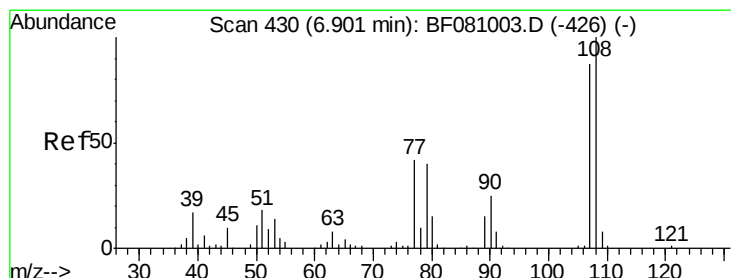
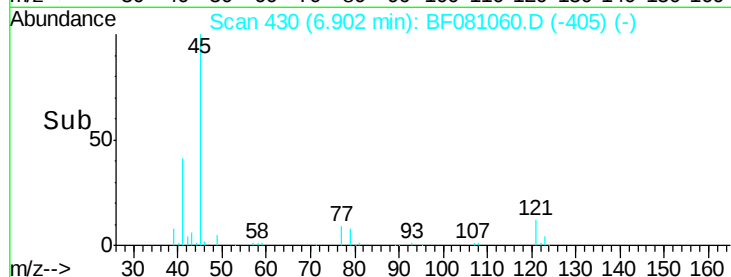
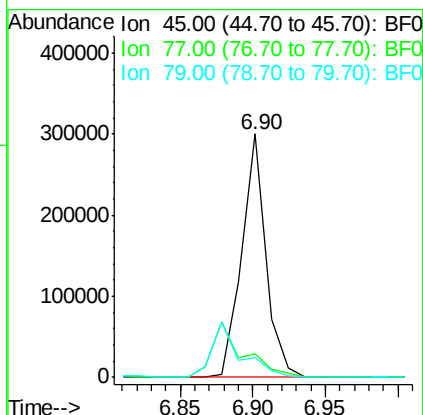
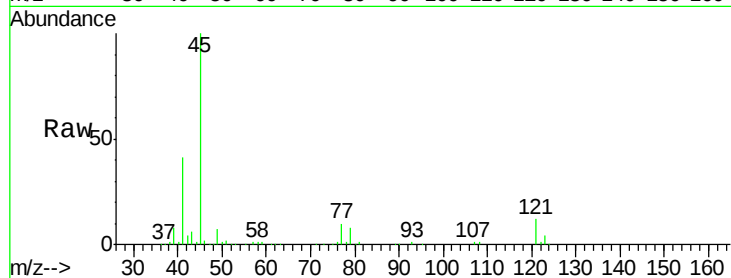




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.80 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

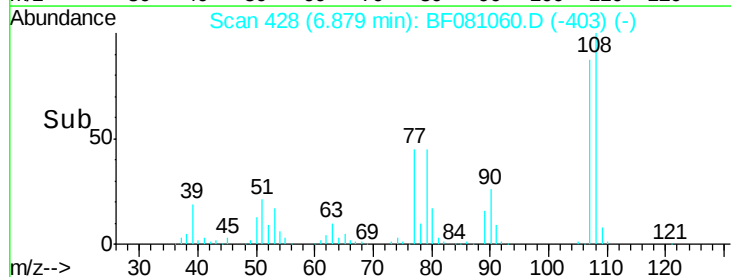
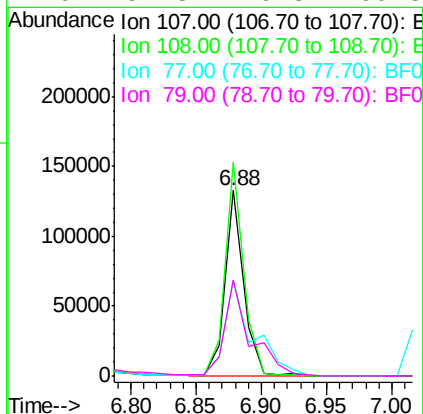
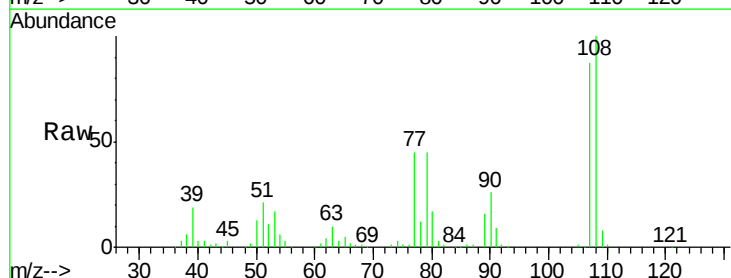
Instrument :
BNA_F
ClientSampleId :

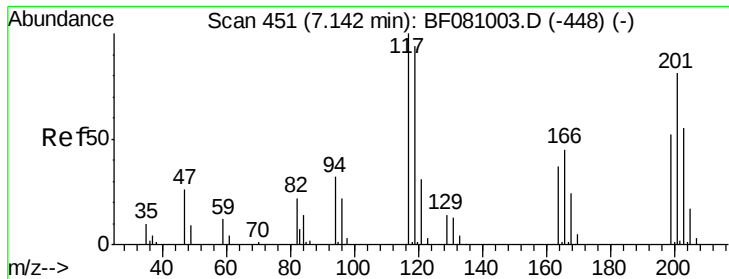
Tot Ion	Ratio	Lower	Upper
45	100		
77	9.8	0.0	30.2
79	7.8	0.0	28.0



#17
2-Methylphenol
Concen: 39.13 ng
RT: 6.88 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.3	90.4	135.6
77	52.0	46.5	69.7
79	51.8	46.3	69.5

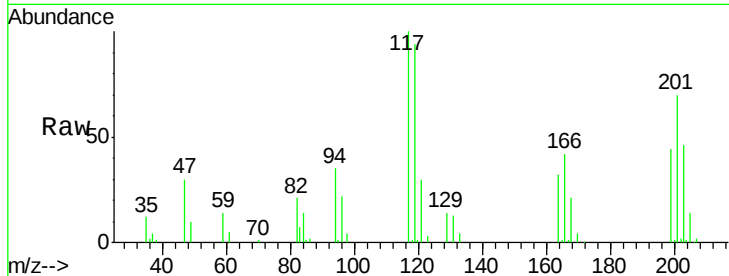




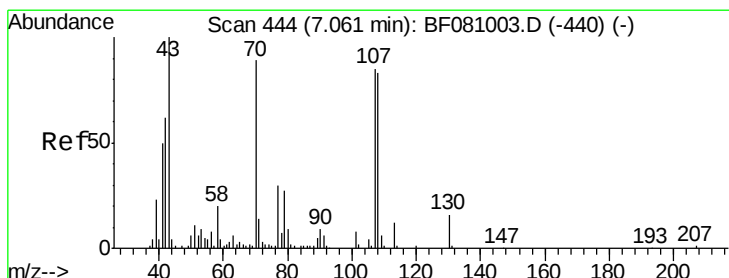
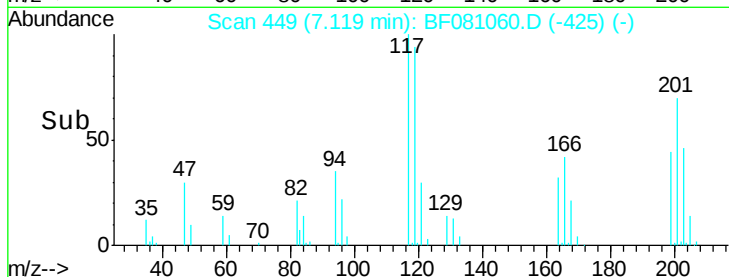
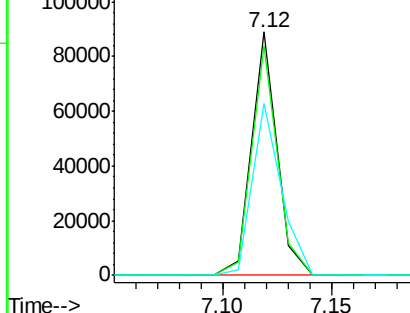
#18
Hexachloroethane
Concen: 42.01 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 72252
Ion Ratio Lower Upper
117 100
119 94.3 77.9 116.9
201 70.5 61.3 91.9



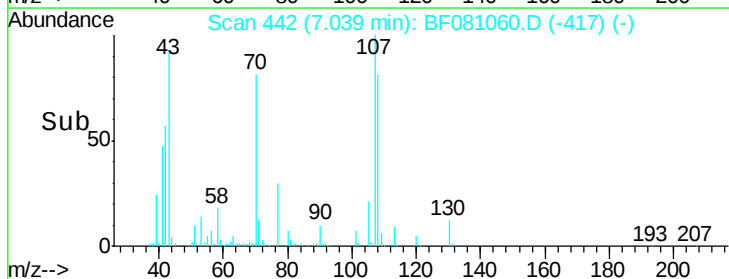
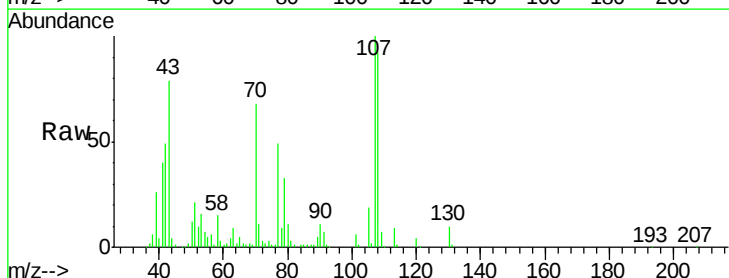
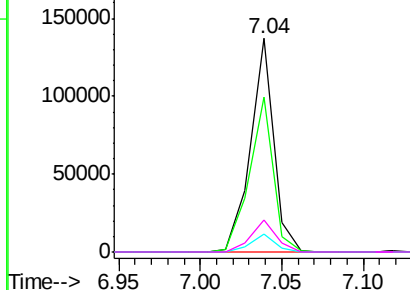
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

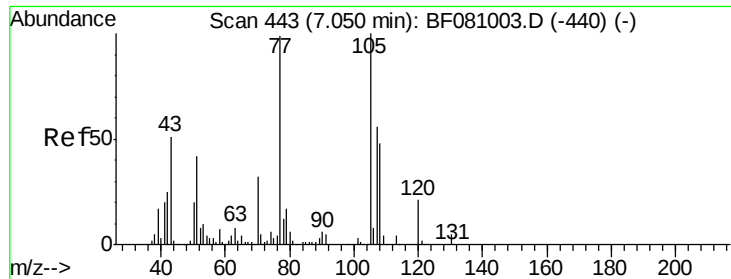


#19
n-Nitroso-di-n-propylamine
Concen: 41.11 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Tgt Ion: 70 Resp: 135798
Ion Ratio Lower Upper
70 100
42 72.3 65.0 97.4
101 8.4 7.4 11.2
130 15.2 13.0 19.4

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





#20

3+4-Methylphenols

Concen: 39.91 ng

RT: 7.04 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 173874

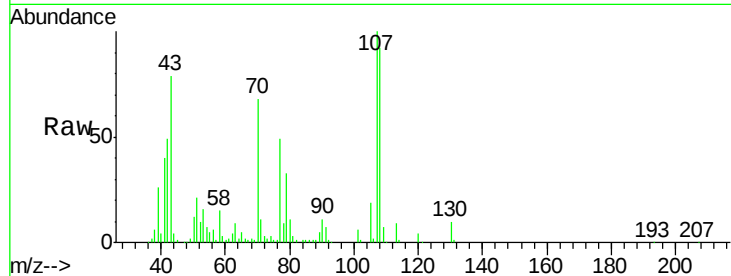
Ion Ratio Lower Upper

107 100

108 91.7 66.1 106.1

77 48.5 139.3 179.3#

79 33.2 11.9 51.9

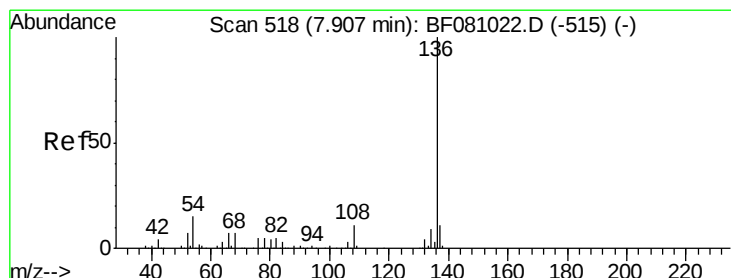
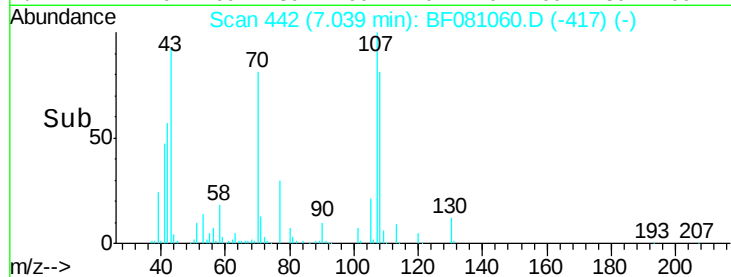
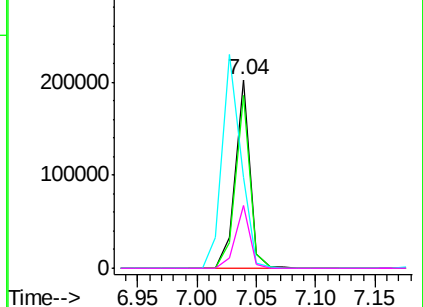


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Tgt Ion:136 Resp: 228289

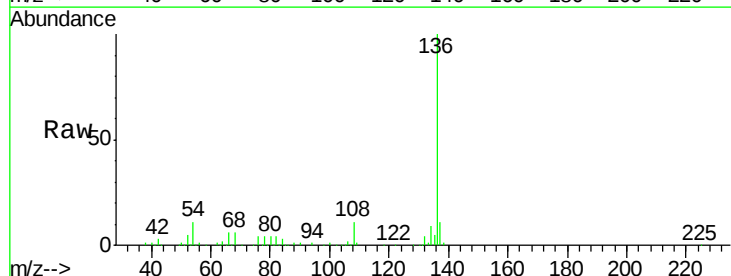
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.2

54 10.8 7.7 11.5

68 5.7 3.4 5.2#

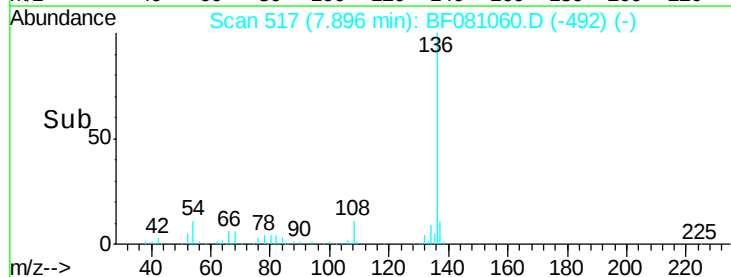
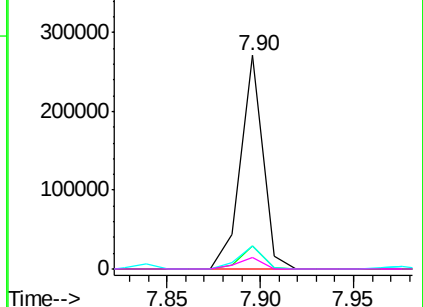


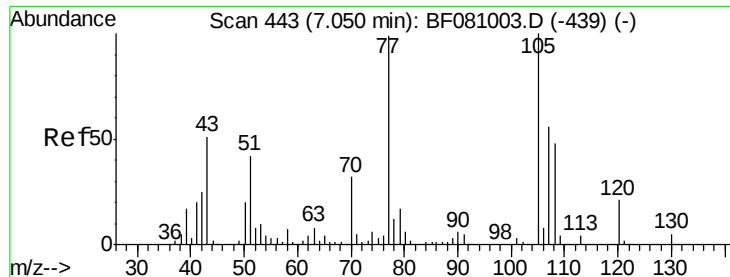
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

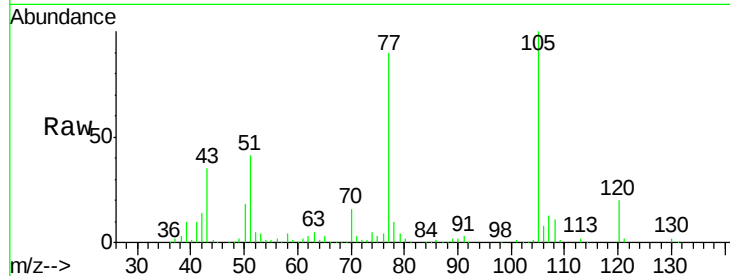




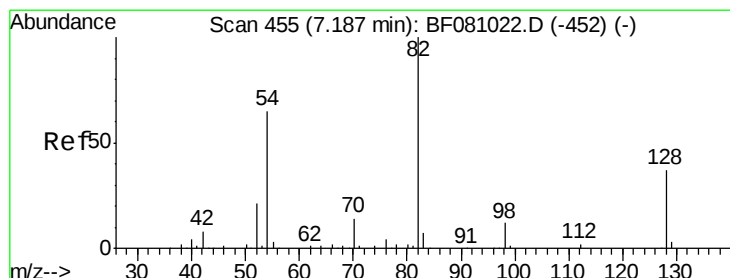
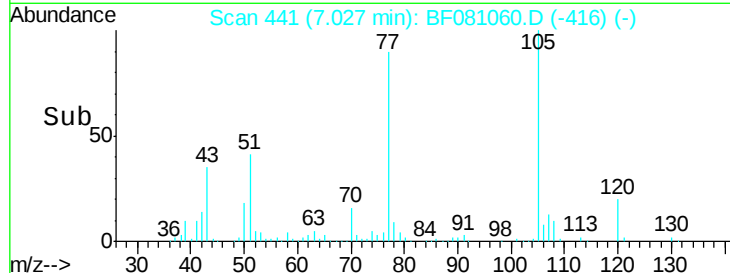
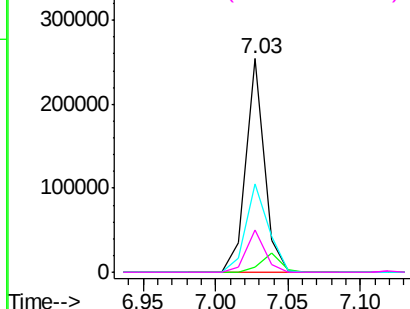
#22
Acetophenone
Concen: 37.72 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 226076
Ion Ratio Lower Upper
105 100
71 2.7 3.0 4.6#
51 41.2 39.8 59.8
120 20.0 15.8 23.8

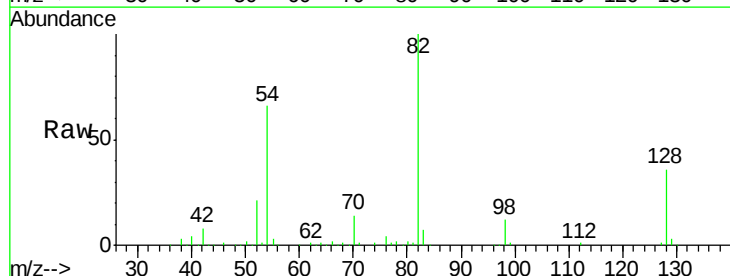


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

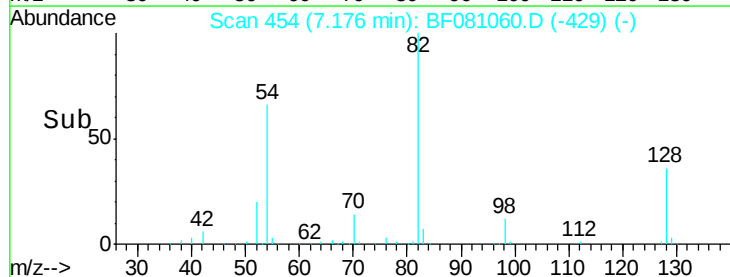
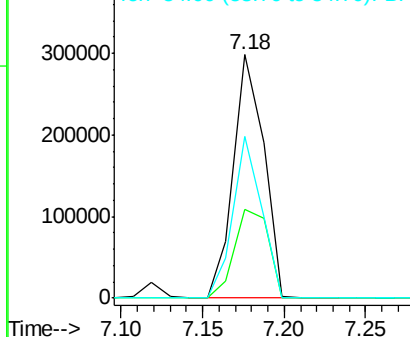


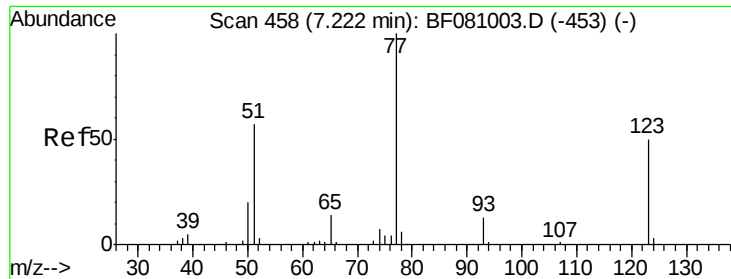
#23
Nitrobenzene-d5
Concen: 76.92 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Tgt Ion: 82 Resp: 384408
Ion Ratio Lower Upper
82 100
128 36.4 28.6 42.8
54 66.4 55.1 82.7



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





#24

Nitrobenzene

Concen: 40.56 ng

RT: 7.20 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampleId :

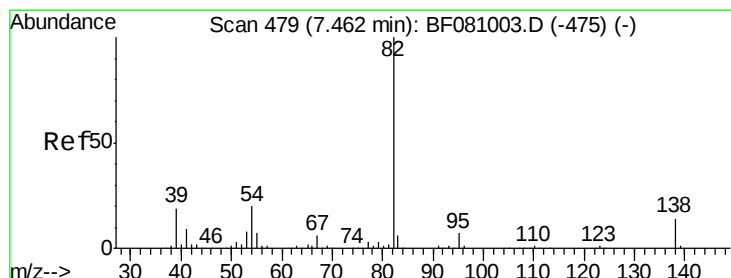
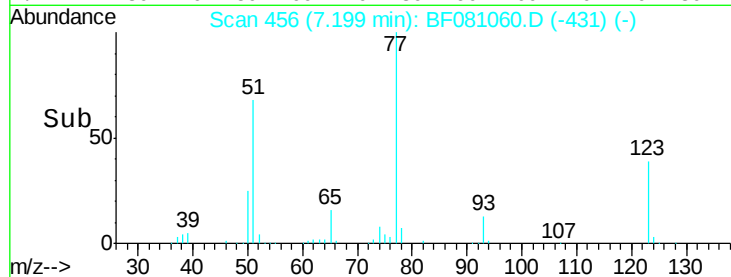
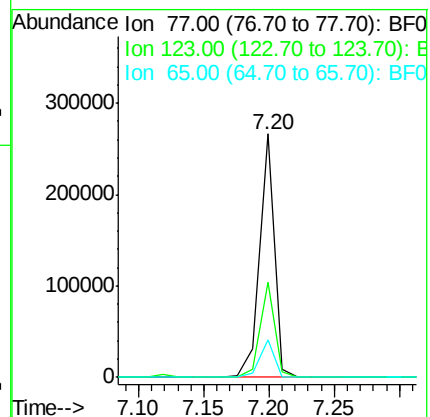
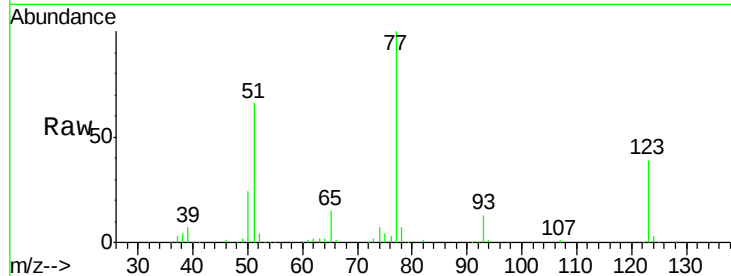
Tot Ion: 77 Resp: 211941

Ion Ratio Lower Upper

77 100

123 39.1 32.9 49.3

65 15.3 12.5 18.7



#25

Isophorone

Concen: 41.02 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

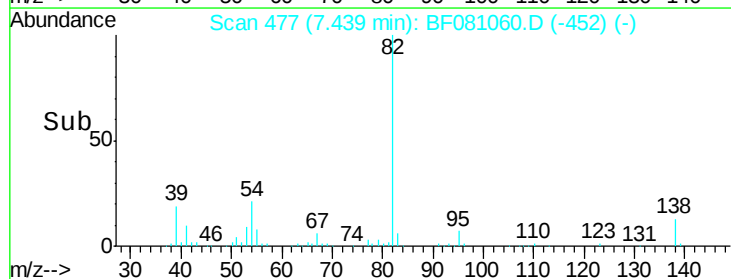
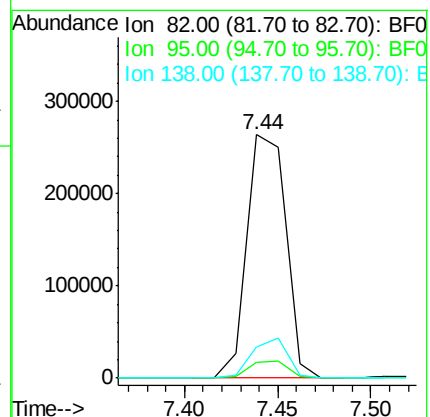
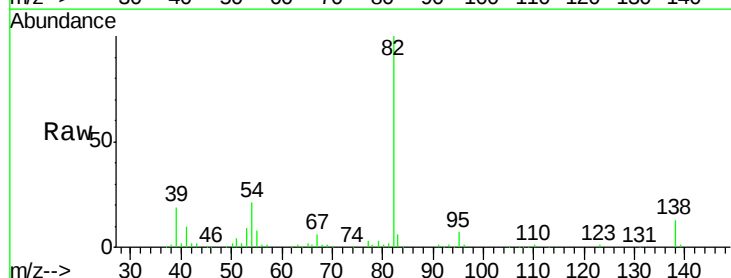
Tgt Ion: 82 Resp: 382310

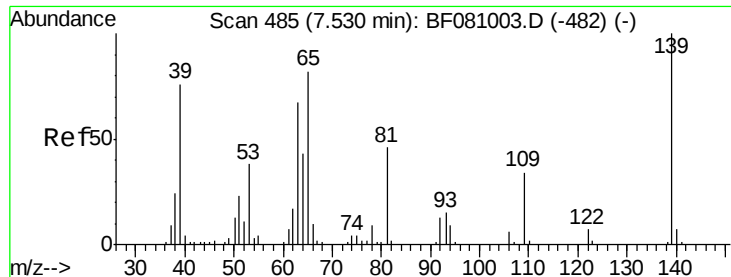
Ion Ratio Lower Upper

82 100

95 6.7 6.2 9.2

138 12.9 10.5 15.7

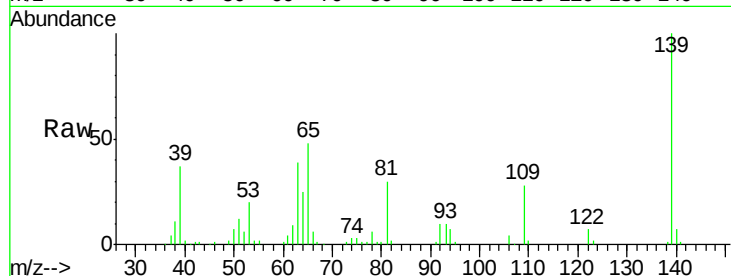




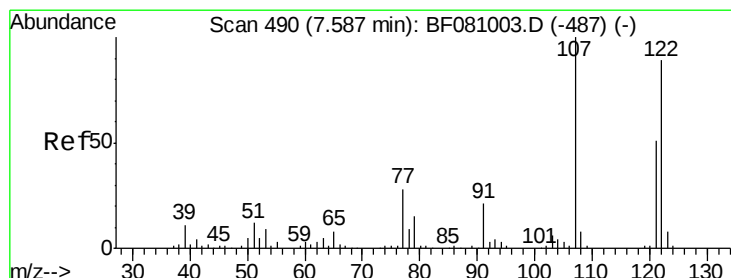
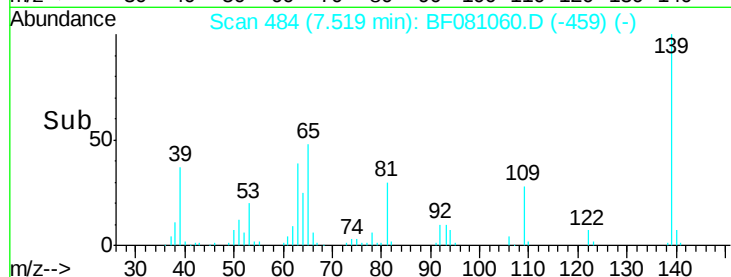
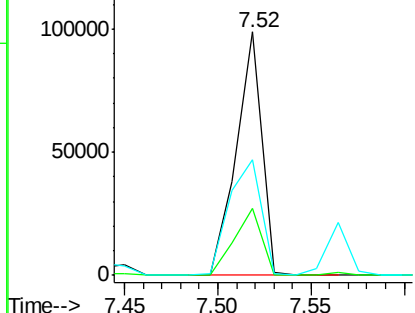
#26
 2-Nitrophenol
 Concen: 43.78 ng
 RT: 7.52 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:139 Resp: 95143
 Ion Ratio Lower Upper
 139 100
 109 27.8 32.1 48.1#
 65 47.6 69.9 104.9#

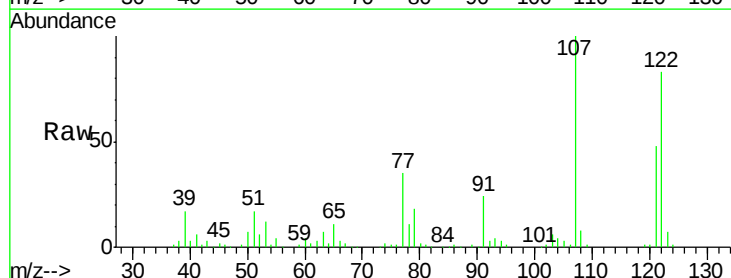


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

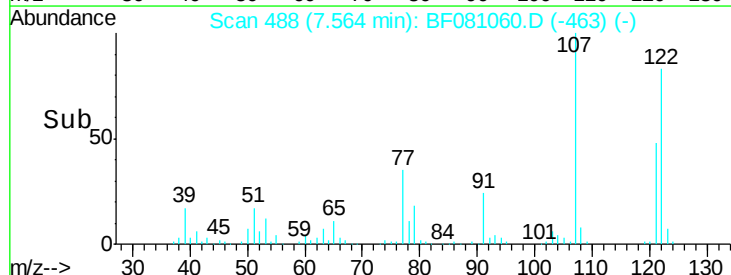
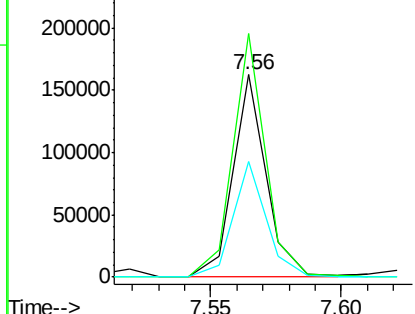


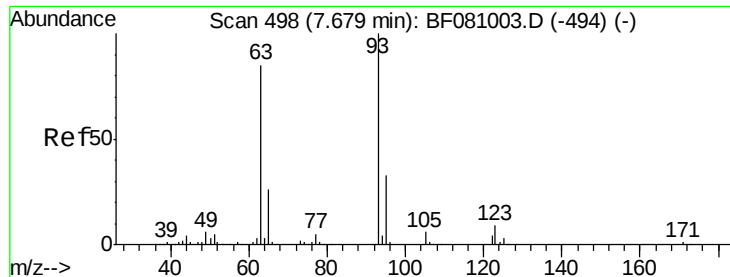
#27
 2,4-Dimethylphenol
 Concen: 37.73 ng
 RT: 7.56 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Tgt Ion:122 Resp: 145052
 Ion Ratio Lower Upper
 122 100
 107 120.4 103.8 155.6
 121 57.5 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: 39.98 ng

RT: 7.67 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampled :

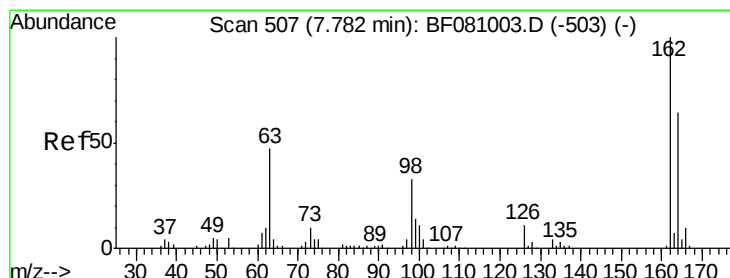
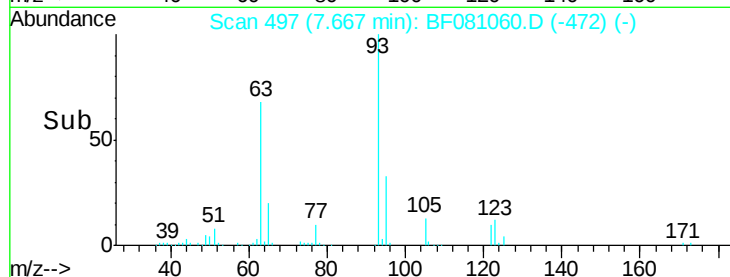
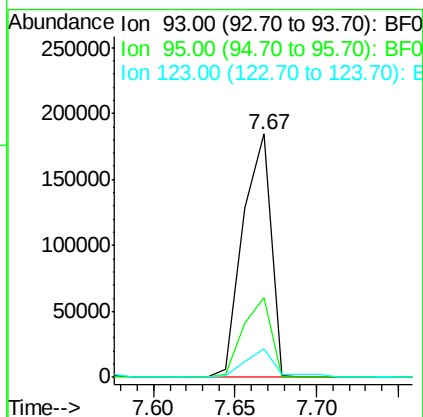
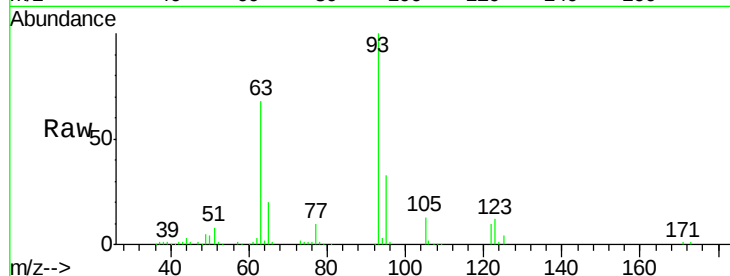
Tot Ion: 93 Resp: 220114

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

123 11.7 7.4 11.0#



#29

2,4-Dichlorophenol

Concen: 42.85 ng

RT: 7.76 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

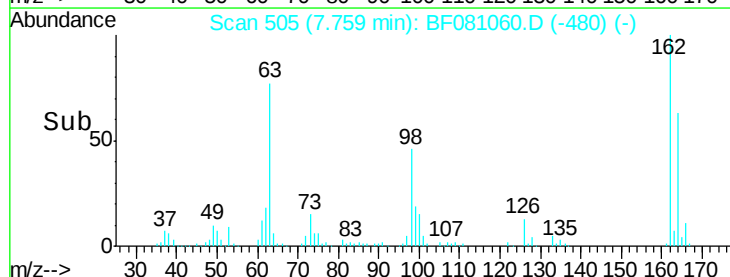
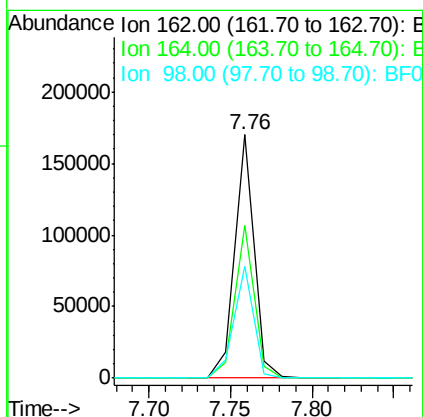
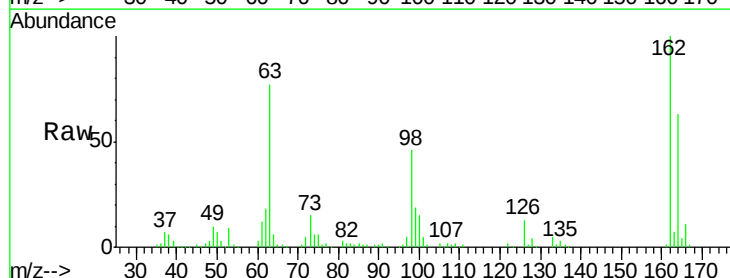
Tgt Ion: 162 Resp: 138683

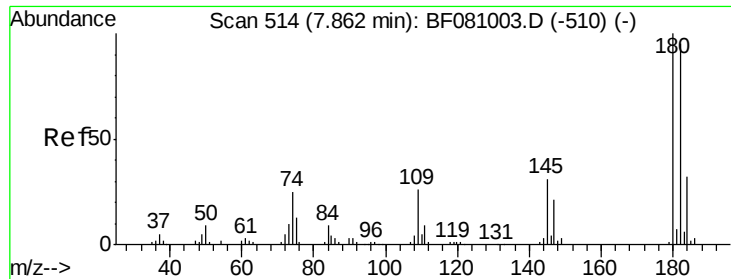
Ion Ratio Lower Upper

162 100

164 62.6 43.2 83.2

98 46.0 12.3 52.3

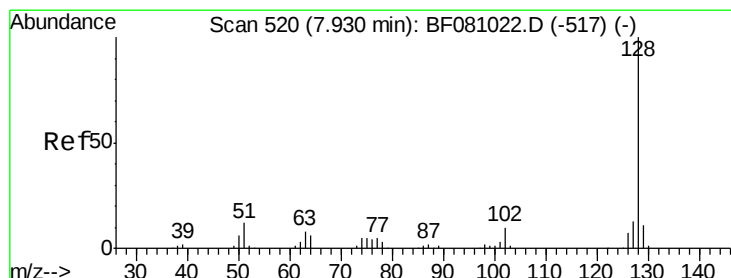
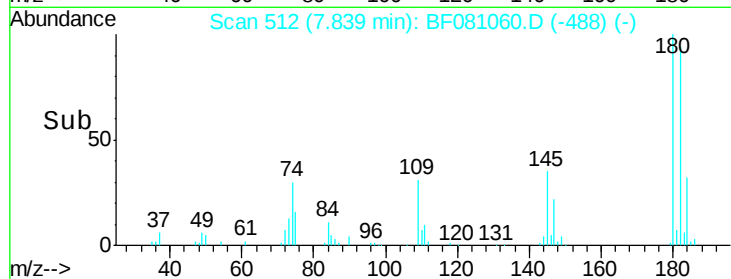
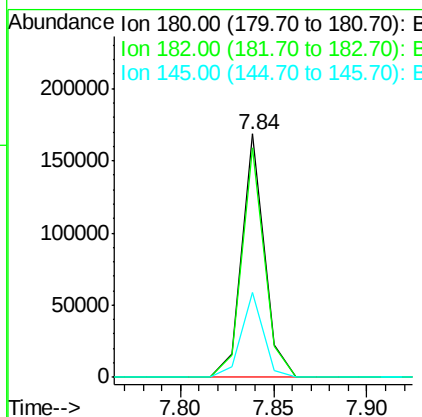
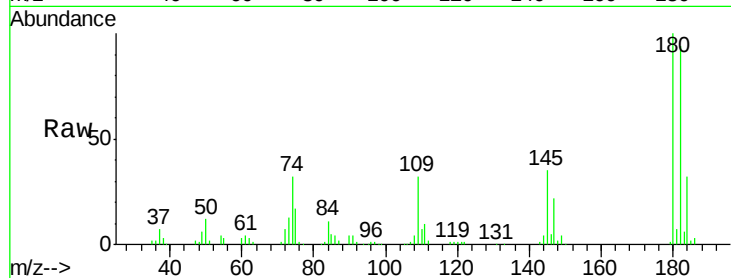




#30
 1,2,4-Trichlorobenzene
 Concen: 39.60 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

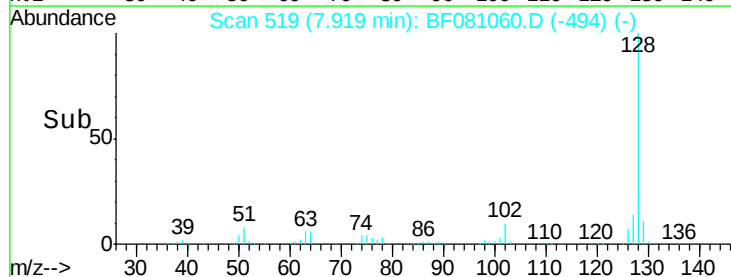
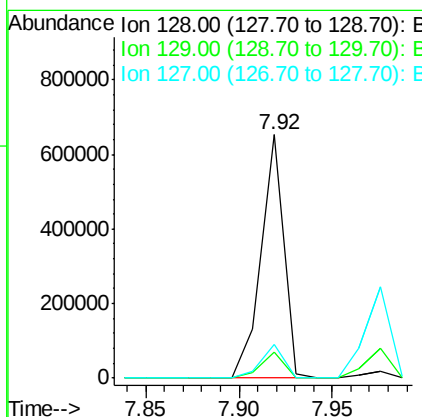
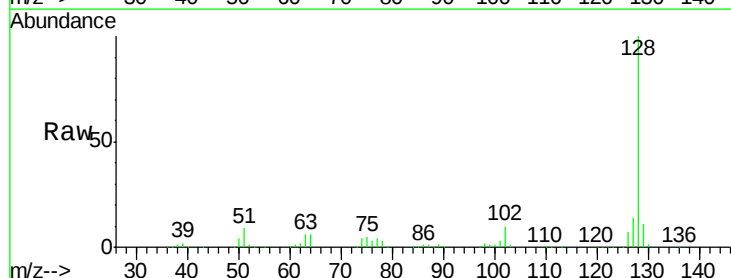
Instrument :
 BNA_F
 ClientSampleId :

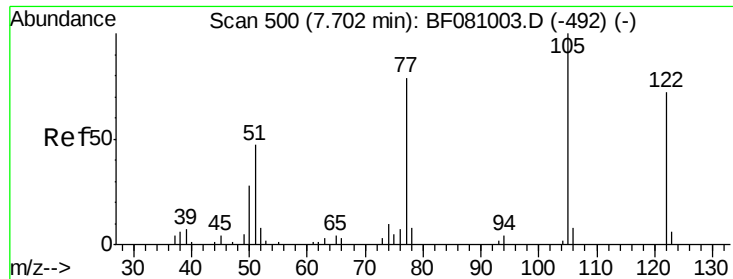
Tot Ion:180 Resp: 142439
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.4 114.6
 145 35.0 25.4 38.2



#31
 Naphthalene
 Concen: 42.91 ng
 RT: 7.92 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Tgt Ion:128 Resp: 546034
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.4 12.6
 127 13.6 10.6 16.0





#32

Benzoic acid

Concen: 43.58 ng

RT: 7.70 min Scan# 500

Delta R.T. 0.05 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampled :

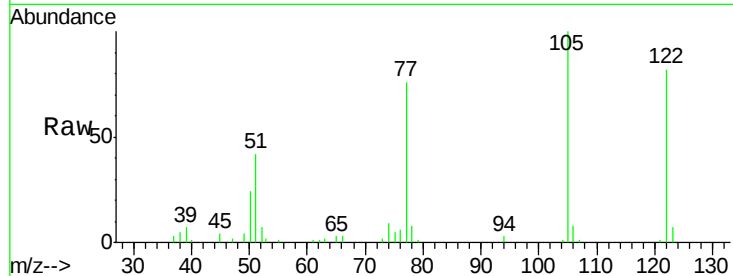
Tot Ion:122 Resp: 94236

Ion Ratio Lower Upper

122 100

105 121.2 113.8 153.8

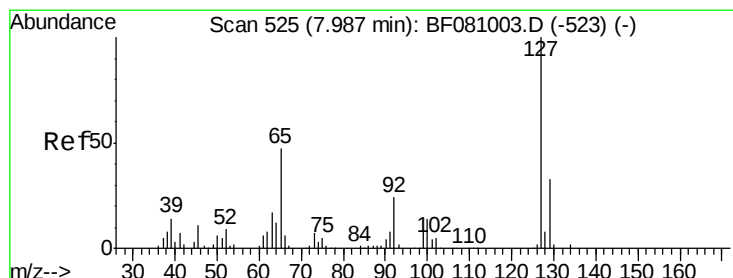
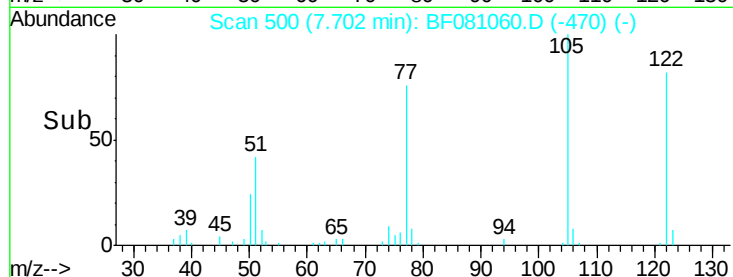
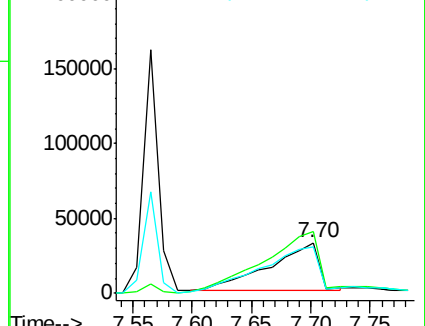
77 92.4 93.8 133.8#



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: 42.51 ng

RT: 7.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Tgt Ion:127 Resp: 228230

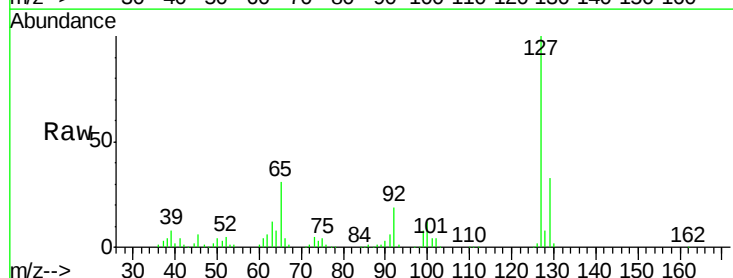
Ion Ratio Lower Upper

127 100

129 32.7 25.2 37.8

65 31.0 37.8 56.6#

92 19.2 19.5 29.3#

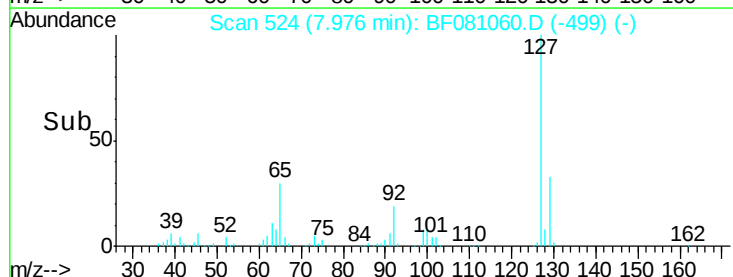
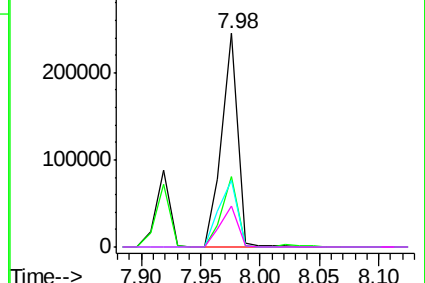


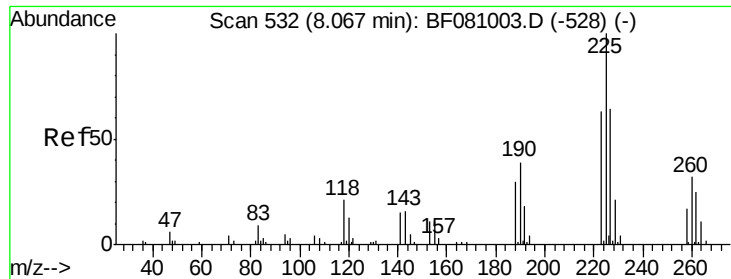
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 42.50 ng

RT: 8.04 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampleId :

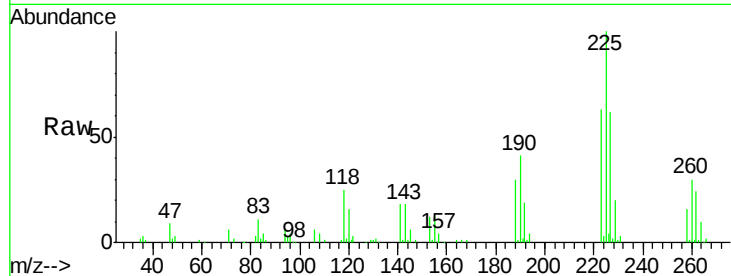
Tot Ion:225 Resp: 86462

Ion Ratio Lower Upper

225 100

223 63.3 52.6 79.0

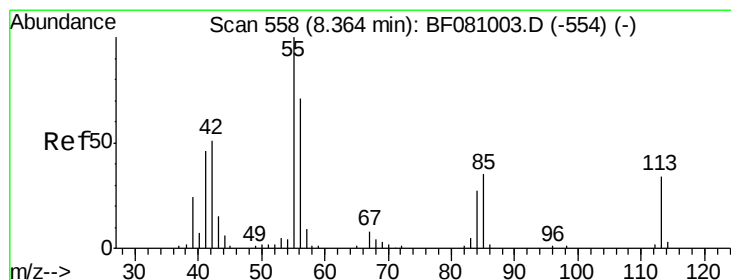
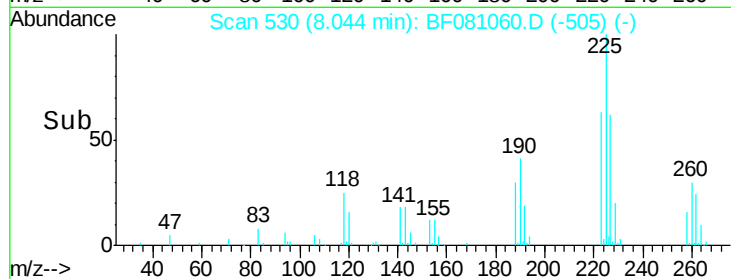
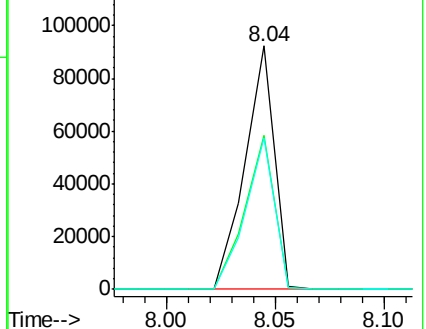
227 62.4 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 38.94 ng

RT: 8.35 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

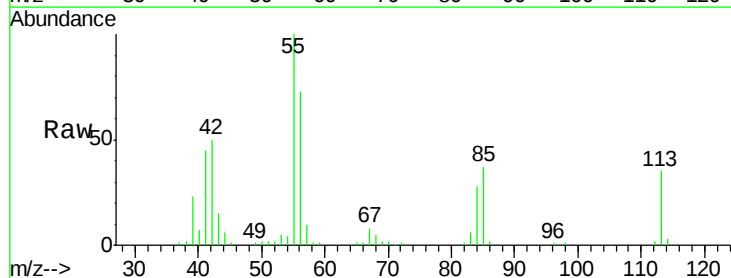
Tgt Ion:113 Resp: 44051

Ion Ratio Lower Upper

113 100

55 282.6 280.4 320.4

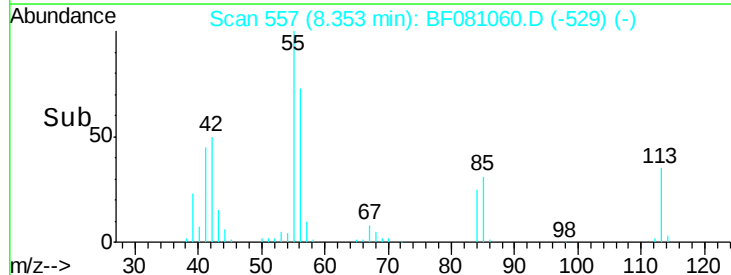
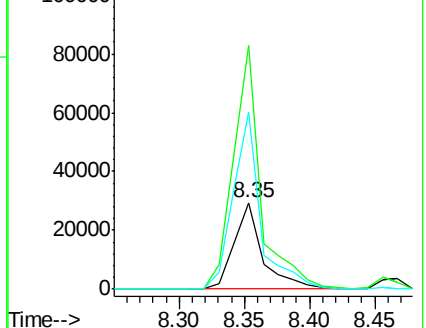
56 205.1 205.9 245.9#

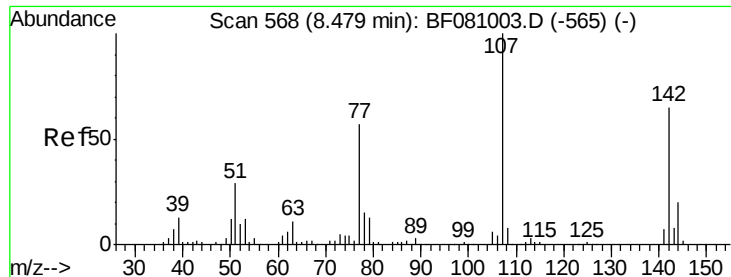


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

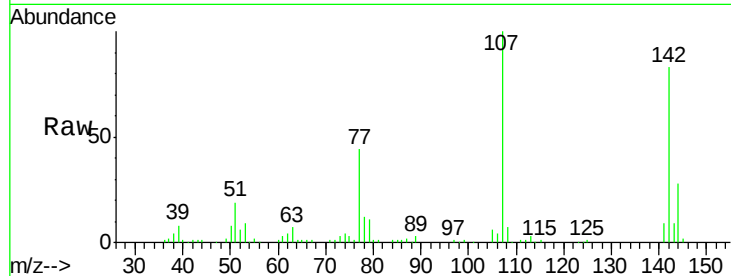




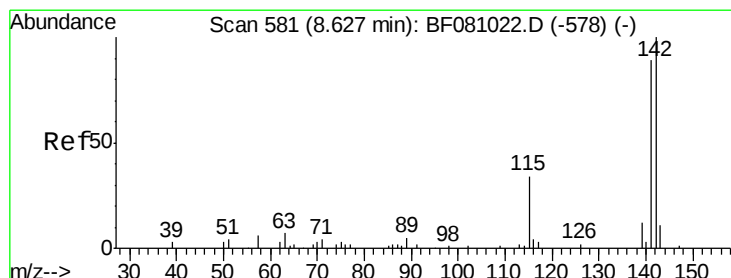
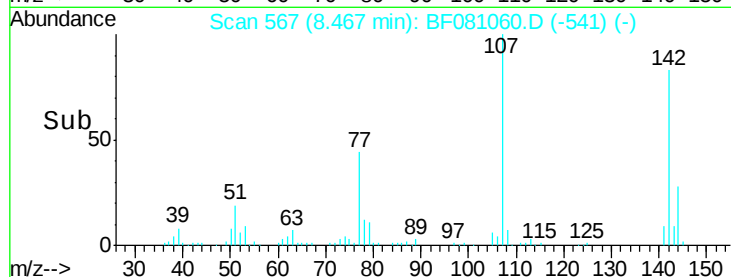
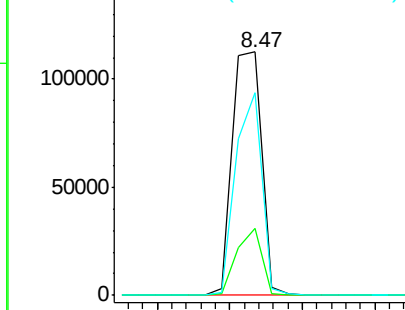
#36
 4-Chloro-3-methylphenol
 Concen: 41.22 ng
 RT: 8.47 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 159000
 Ion Ratio Lower Upper
 107 100
 144 27.6 17.2 25.8#
 142 83.3 54.9 82.3#

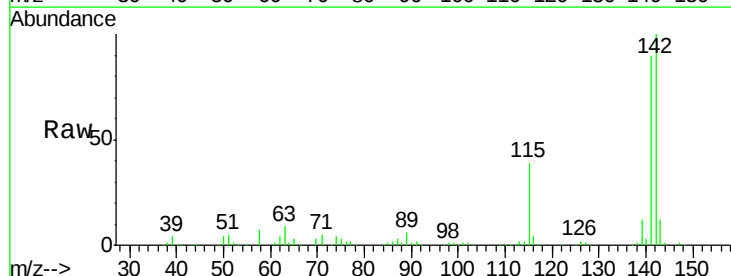


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

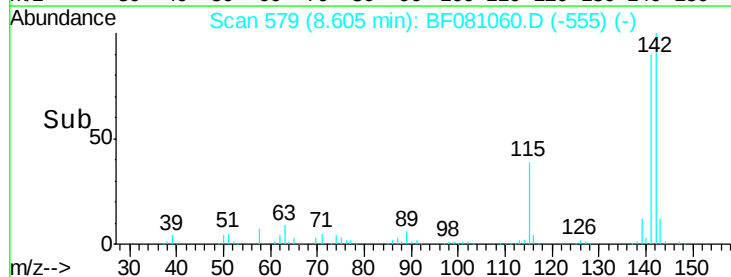
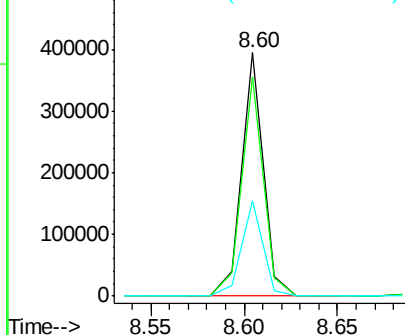


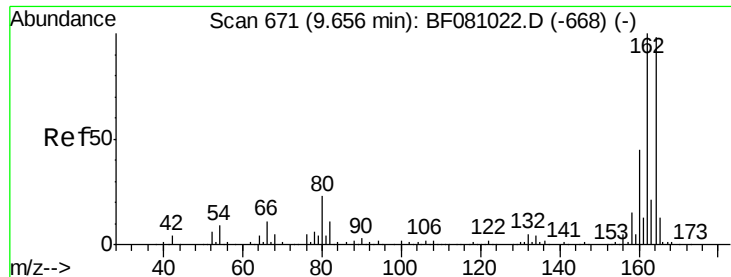
#37
 2-Methylnaphthalene
 Concen: 39.97 ng
 RT: 8.60 min Scan# 579
 Delta R.T. -0.02 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Tgt Ion:142 Resp: 321287
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.4 107.2
 115 39.3 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

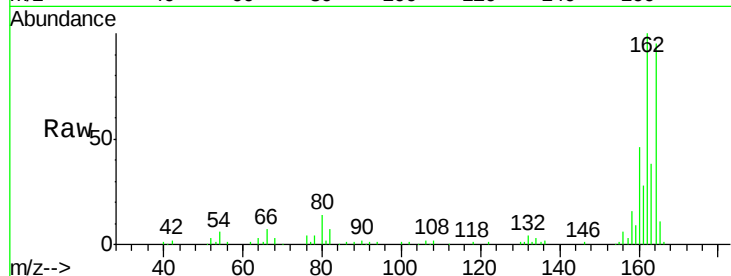




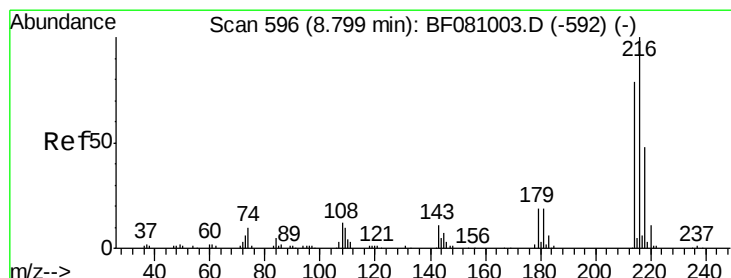
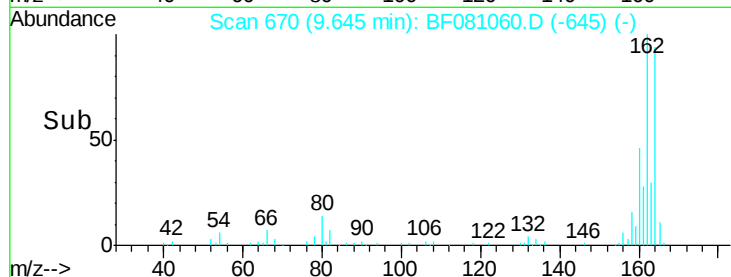
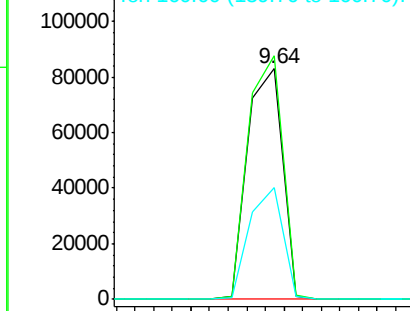
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 108031
Ion Ratio Lower Upper
164 100
162 105.7 83.8 125.8
160 48.4 39.8 59.8

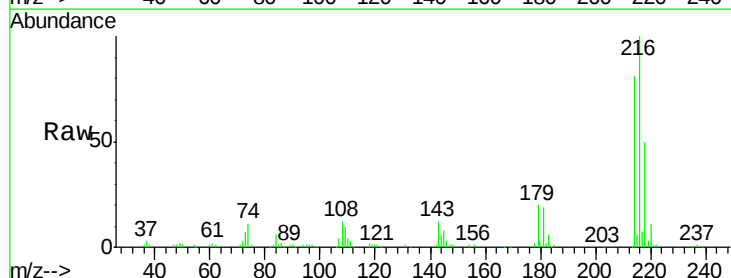


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

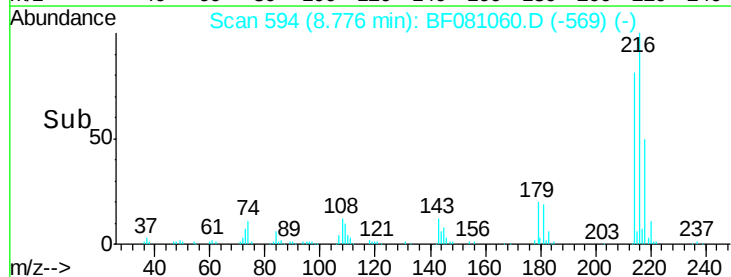
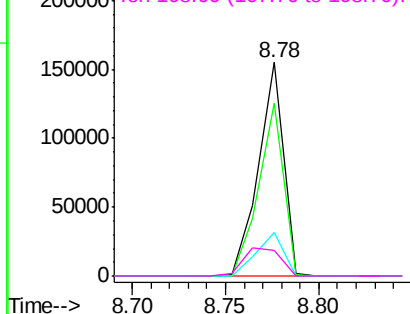


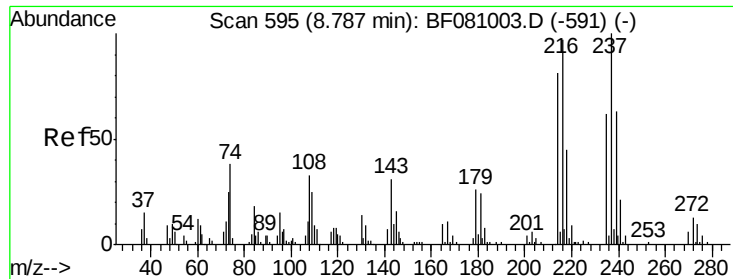
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.92 ng
RT: 8.78 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Tgt Ion:216 Resp: 142613
Ion Ratio Lower Upper
216 100
214 81.1 63.8 95.8
179 22.2 17.8 26.8
108 19.9 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

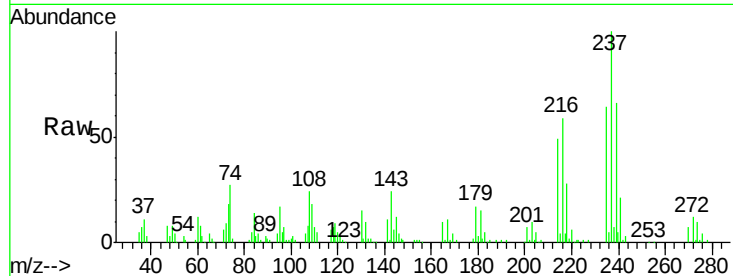




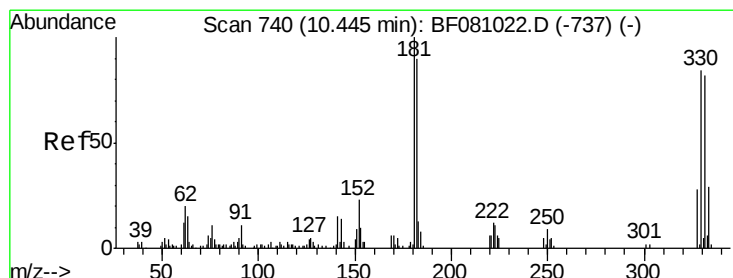
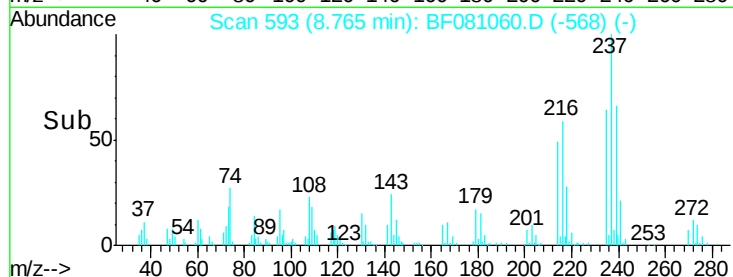
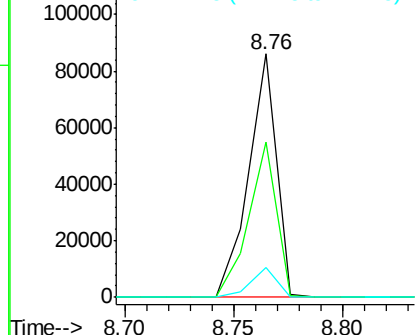
#40
Hexachlorocyclopentadiene
Concen: 42.29 ng
RT: 8.76 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 76293
Ion Ratio Lower Upper
237 100
235 63.9 43.6 83.6
272 12.4 0.0 32.2

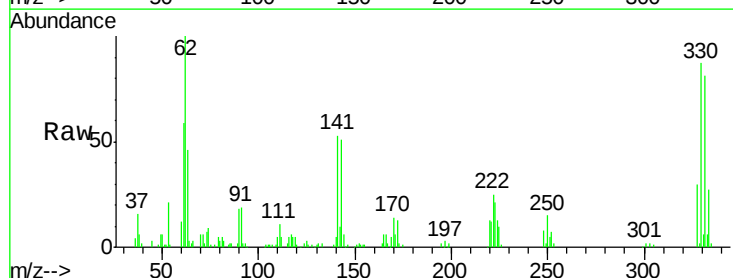


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

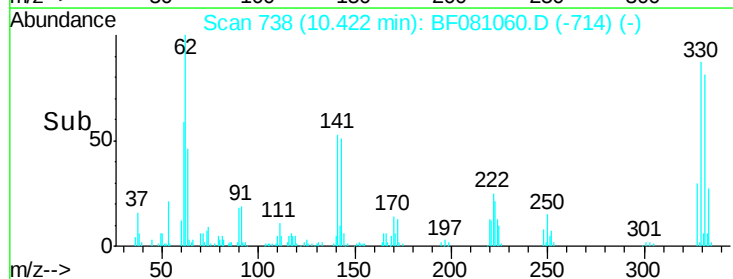
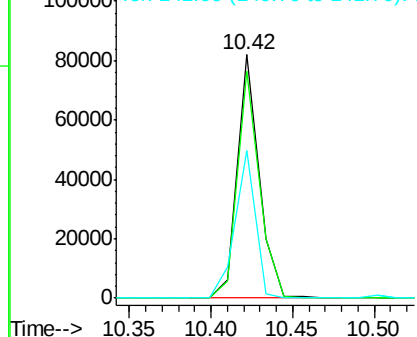


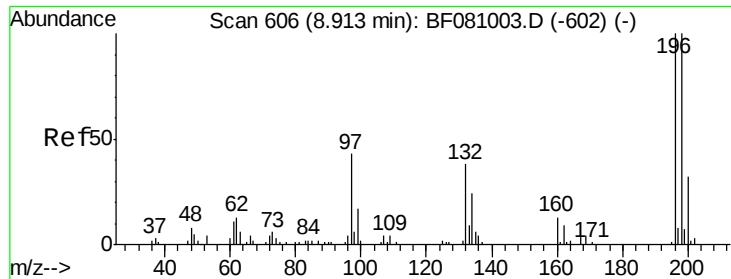
#41
2,4,6-Tribromophenol
Concen: 79.83 ng
RT: 10.42 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Tgt Ion:330 Resp: 74761
Ion Ratio Lower Upper
330 100
332 94.5 77.3 115.9
141 56.6 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

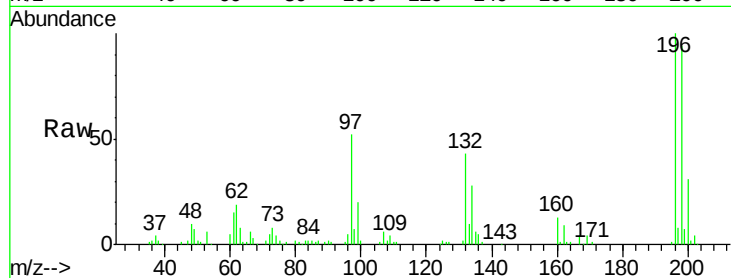




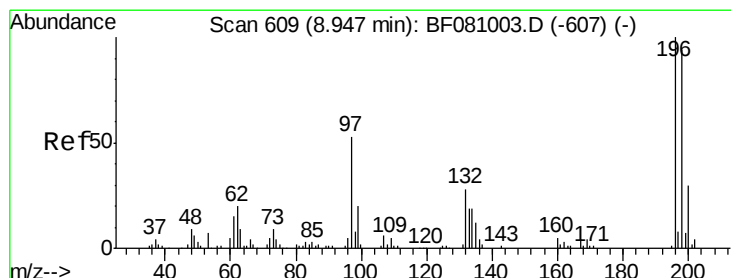
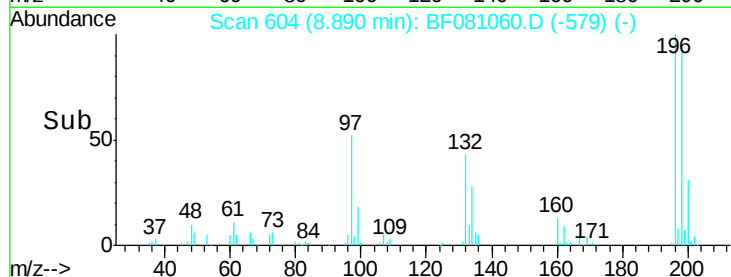
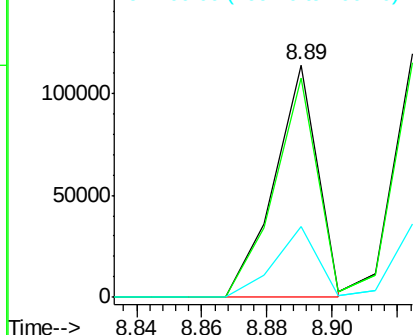
#42
 2,4,6-Trichlorophenol
 Concen: 42.54 ng
 RT: 8.89 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 104752
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.6 111.8
 200 30.6 22.7 34.1

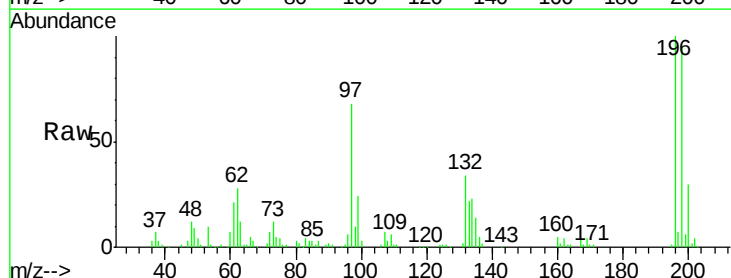


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

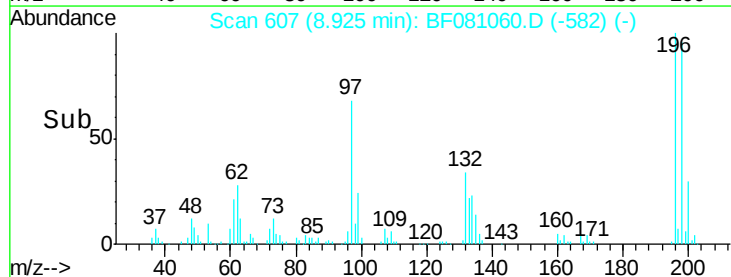
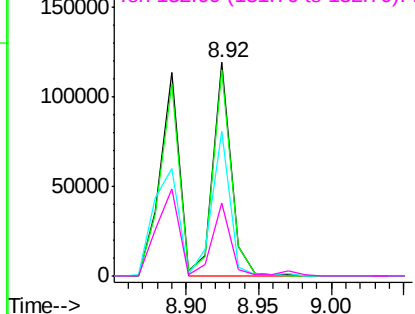


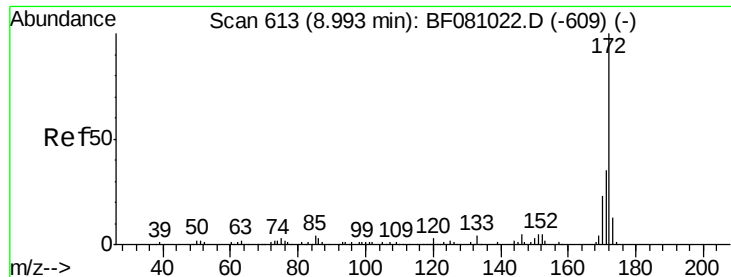
#43
 2,4,5-Trichlorophenol
 Concen: 41.92 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Tgt Ion:196 Resp: 103163
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.3 117.5
 97 67.5 42.7 64.1#
 132 34.3 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: 69.98 ng

RT: 8.97 min Scan# 611

Delta R.T. -0.02 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampleId :

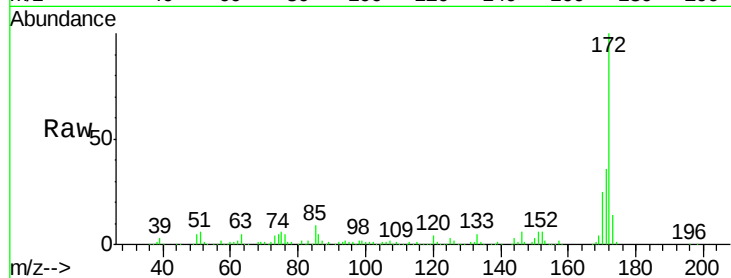
Tot Ion:172 Resp: 576985

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

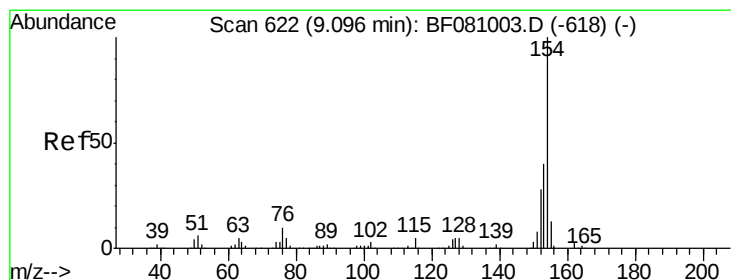
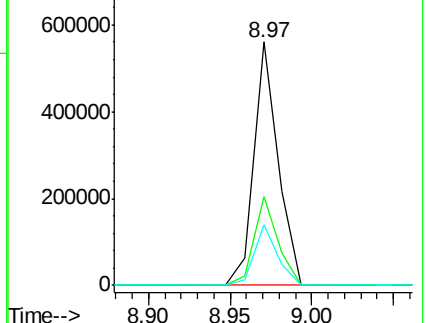
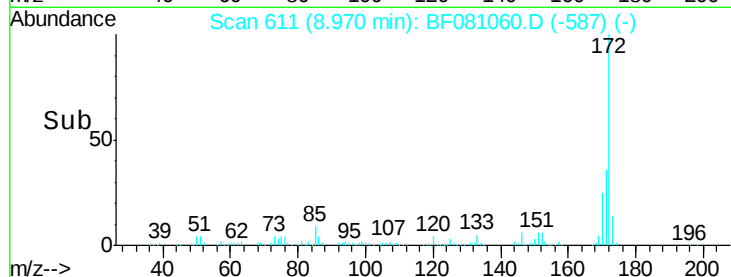
170 24.8 19.4 29.2



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: 43.54 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

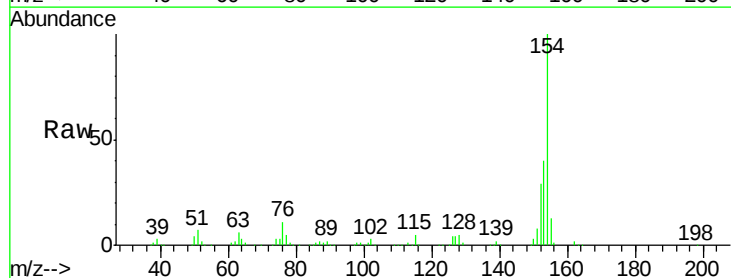
Tgt Ion:154 Resp: 414362

Ion Ratio Lower Upper

154 100

153 40.1 19.5 59.5

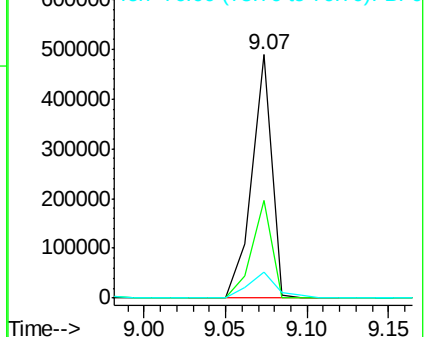
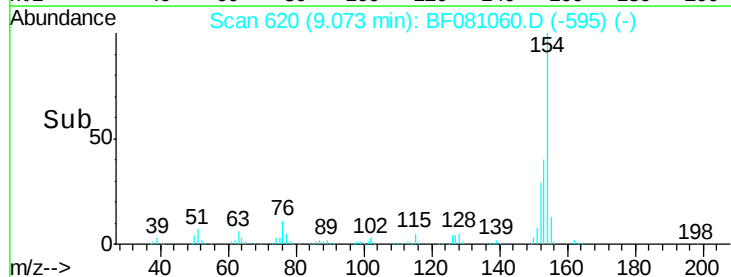
76 10.9 0.0 29.3

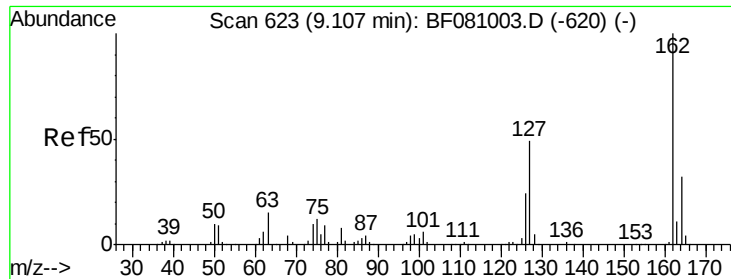


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

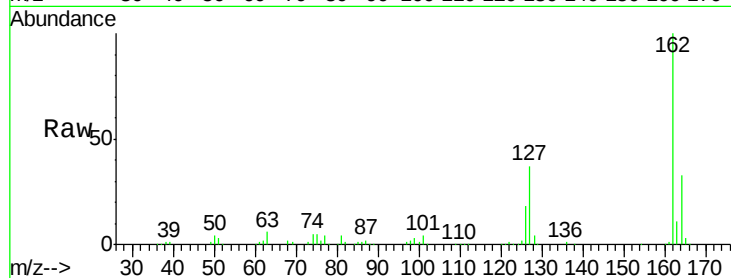




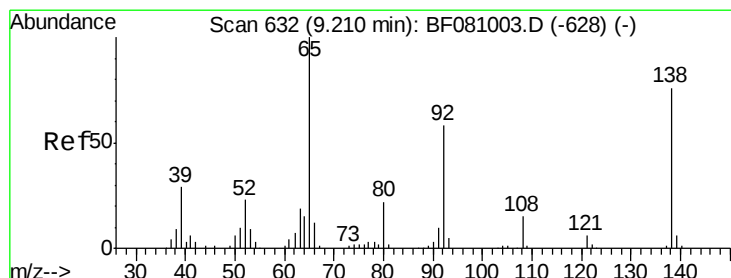
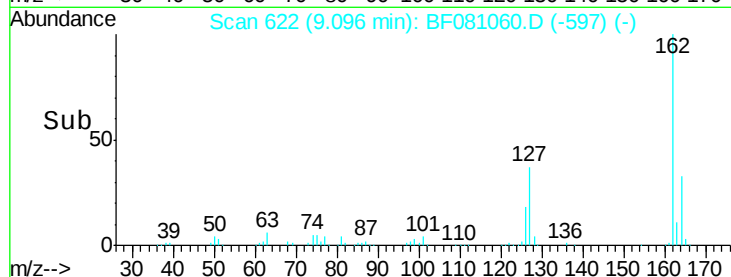
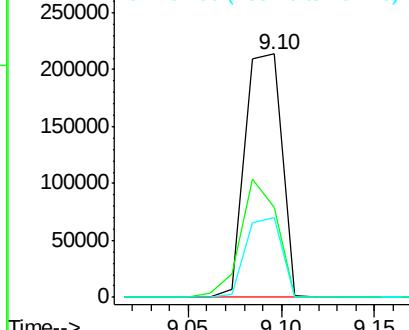
#46
 2-Chloronaphthalene
 Concen: 38.73 ng
 RT: 9.10 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 296049
 Ion Ratio Lower Upper
 162 100
 127 36.9 31.3 46.9
 164 32.9 26.3 39.5

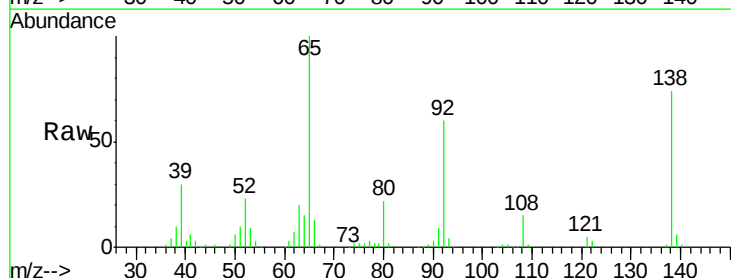


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

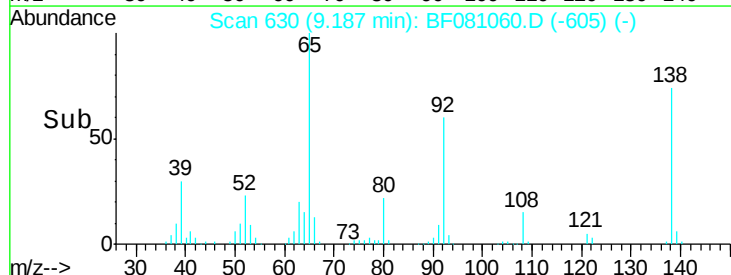
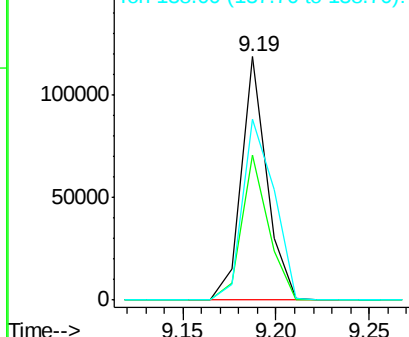


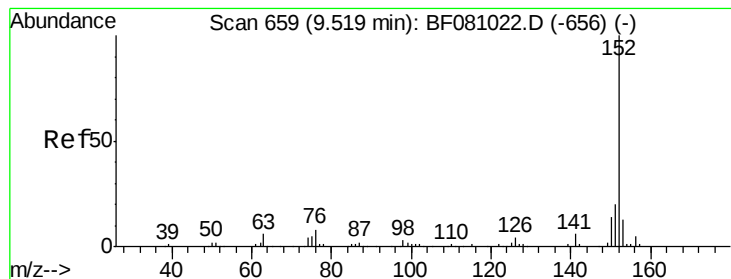
#47
 2-Nitroaniline
 Concen: 36.20 ng
 RT: 9.19 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Tgt Ion: 65 Resp: 113258
 Ion Ratio Lower Upper
 65 100
 92 59.7 45.6 68.4
 138 74.4 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): E





#48

Acenaphthylene

Concen: 36.80 ng

RT: 9.50 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampleId :

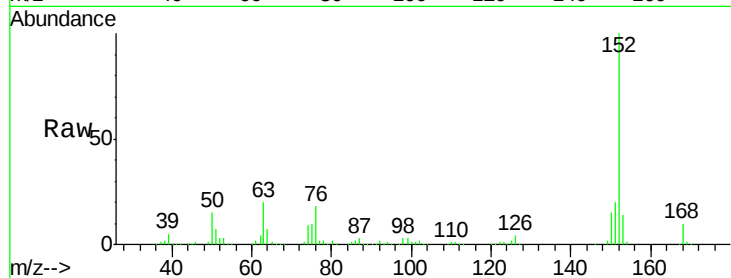
Tot Ion:152 Resp: 503207

Ion Ratio Lower Upper

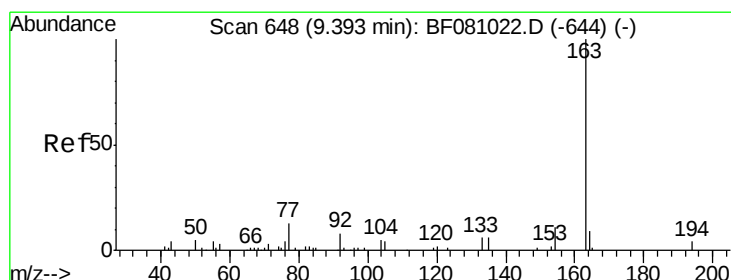
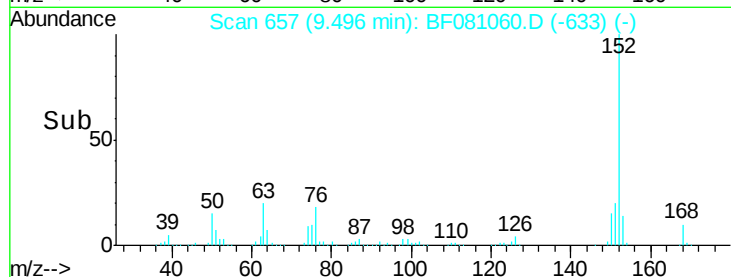
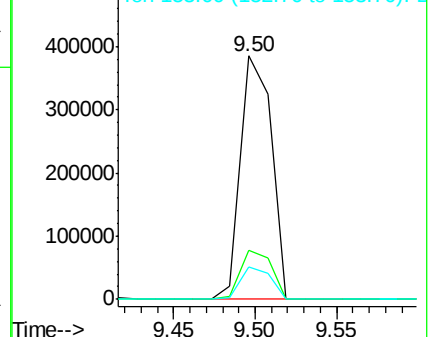
152 100

151 20.1 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: 40.84 ng

RT: 9.38 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

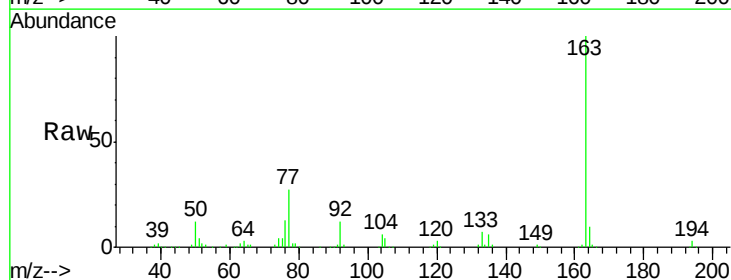
Tgt Ion:163 Resp: 363391

Ion Ratio Lower Upper

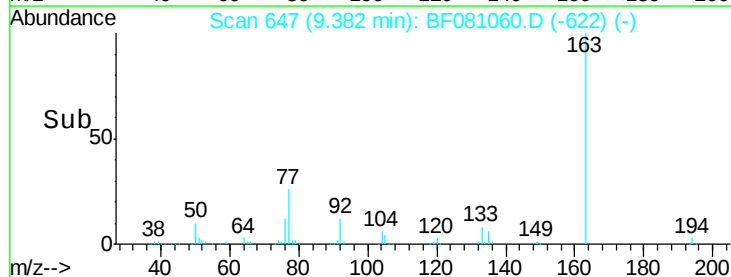
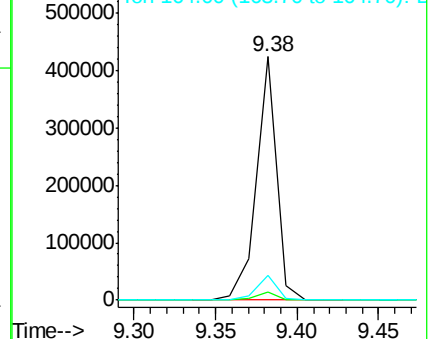
163 100

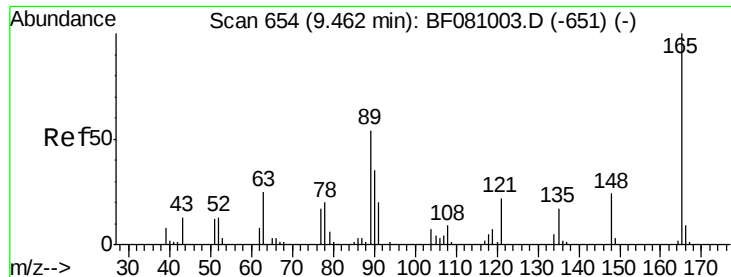
194 3.2 2.5 3.7

164 10.4 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

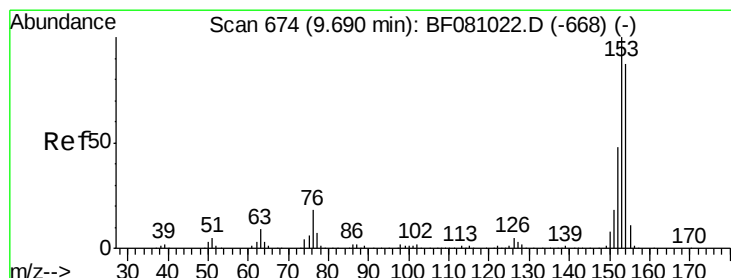
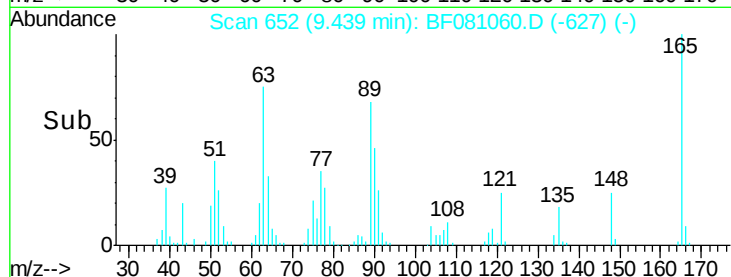
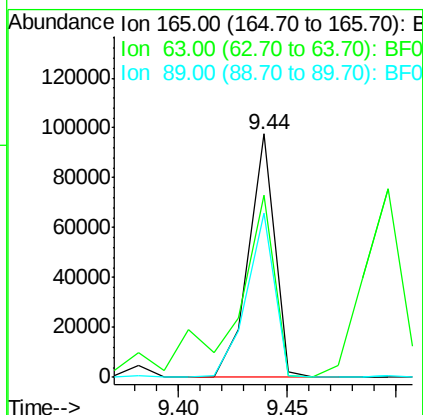
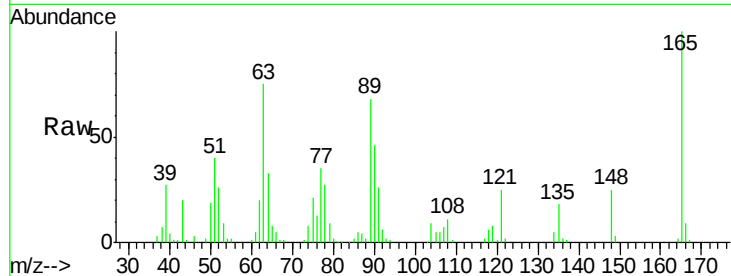




#50
 2,6-Dinitrotoluene
 Concen: 42.65 ng
 RT: 9.44 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

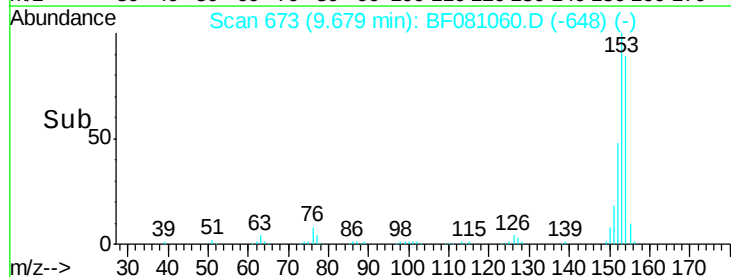
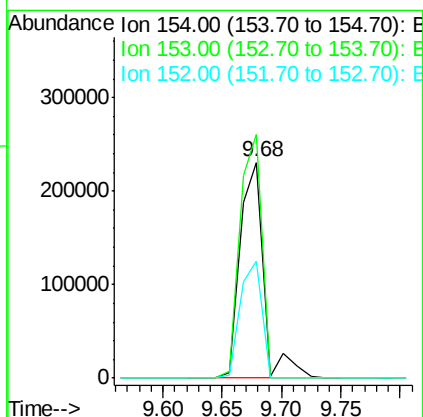
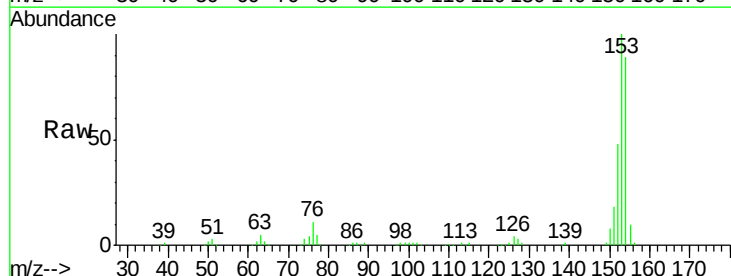
Instrument :
 BNA_F
 ClientSampleId :

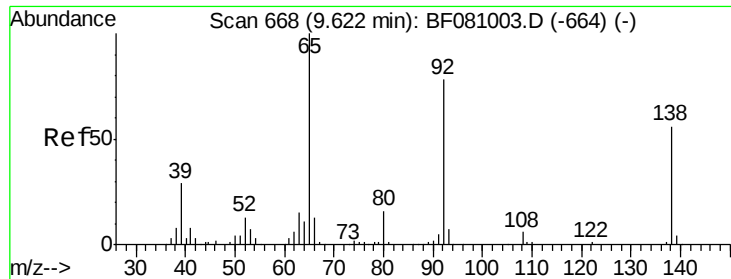
Tot Ion:165 Resp: 81471
 Ion Ratio Lower Upper
 165 100
 63 74.9 49.5 74.3#
 89 67.5 47.6 71.4



#51
 Acenaphthene
 Concen: 39.14 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Tgt Ion:154 Resp: 320451
 Ion Ratio Lower Upper
 154 100
 153 112.9 91.4 137.2
 152 53.9 43.7 65.5





#52

3-Nitroaniline

Concen: 35.92 ng

RT: 9.60 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampleId :

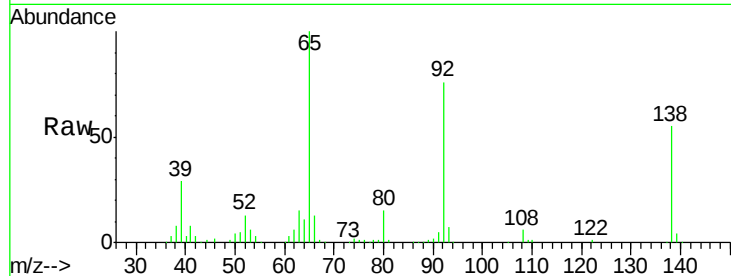
Tot Ion:138 Resp: 85869

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.2

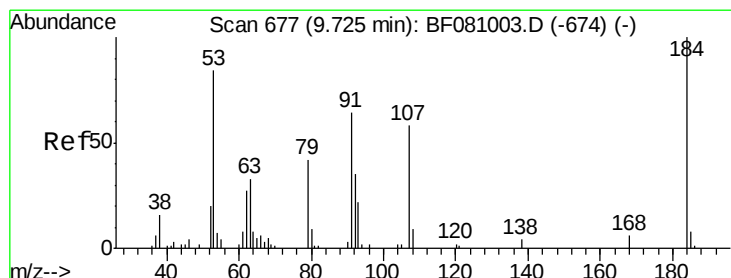
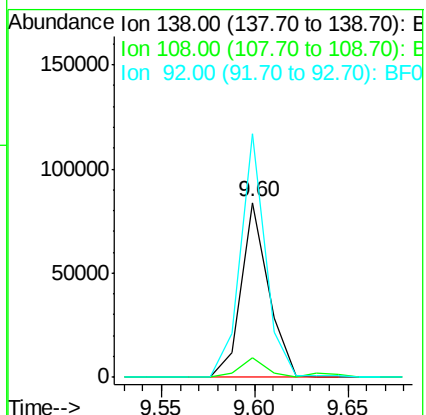
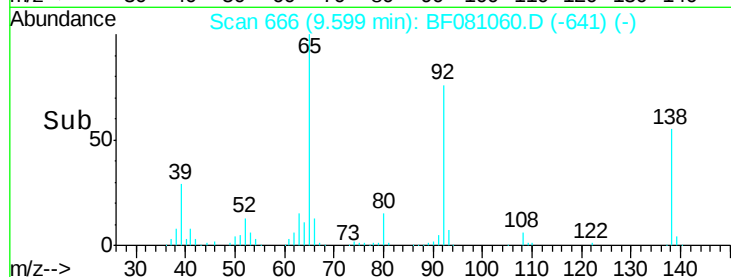
92 139.2 113.2 169.8



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): E



#53

2,4-Dinitrophenol

Concen: 46.33 ng

RT: 9.70 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

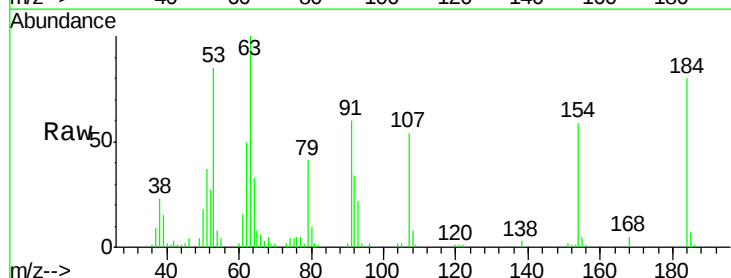
Tgt Ion:184 Resp: 44103

Ion Ratio Lower Upper

184 100

63 125.3 101.7 152.5

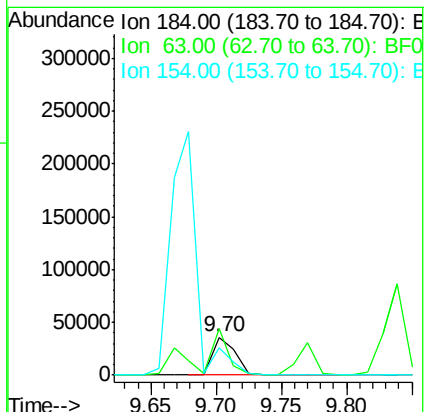
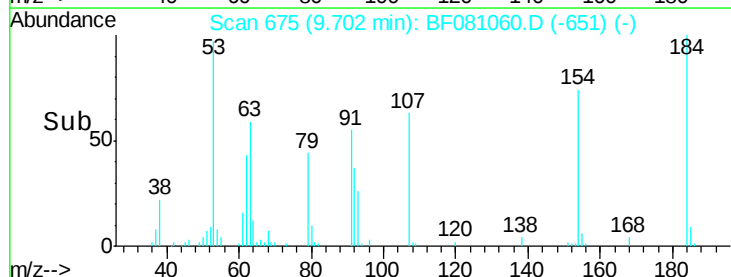
154 73.8 67.4 101.0

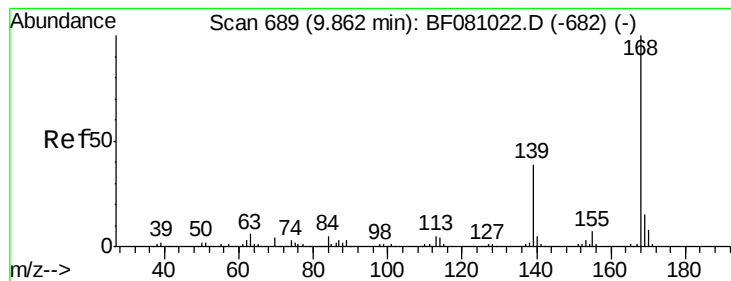


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 37.82 ng

RT: 9.84 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampleId :

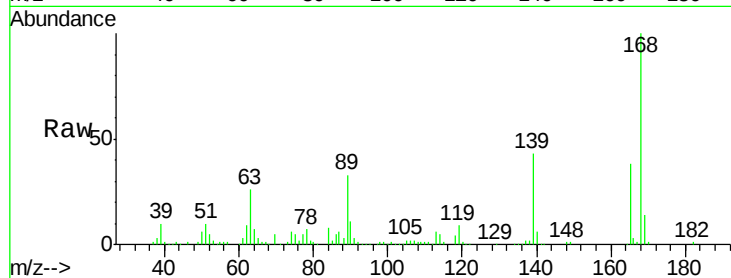
Tot Ion:168 Resp: 414948

Ion Ratio Lower Upper

168 100

139 43.0 29.3 43.9

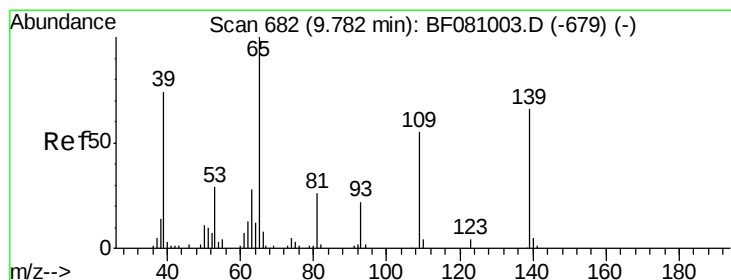
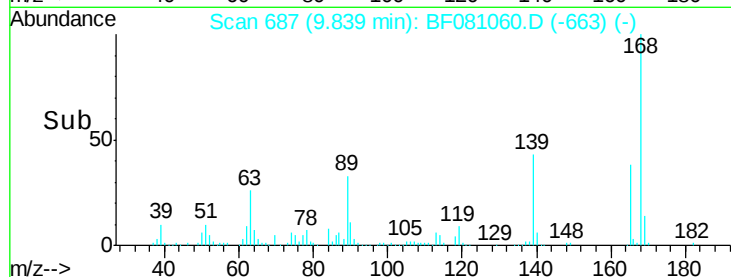
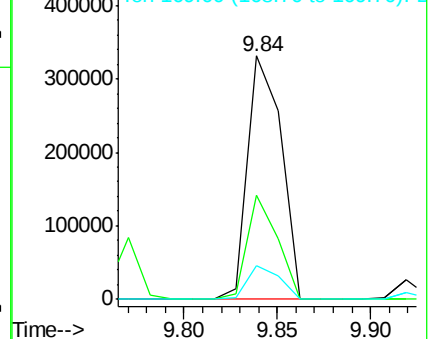
169 13.8 10.3 15.5



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: 45.60 ng

RT: 9.77 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

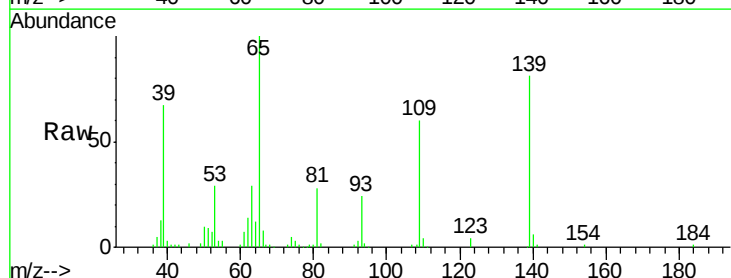
Tgt Ion:139 Resp: 76562

Ion Ratio Lower Upper

139 100

109 73.3 80.0 120.0#

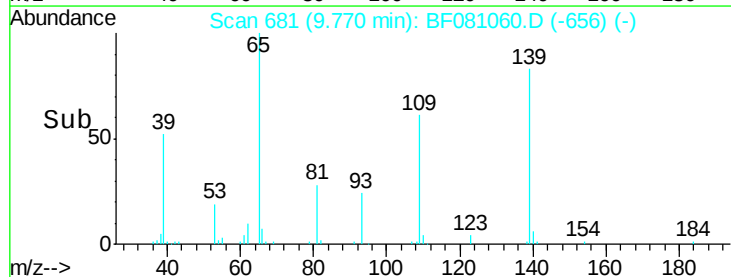
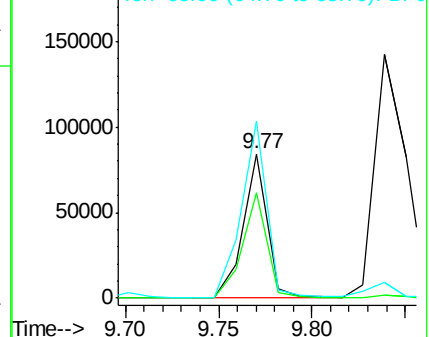
65 122.8 138.3 178.3#

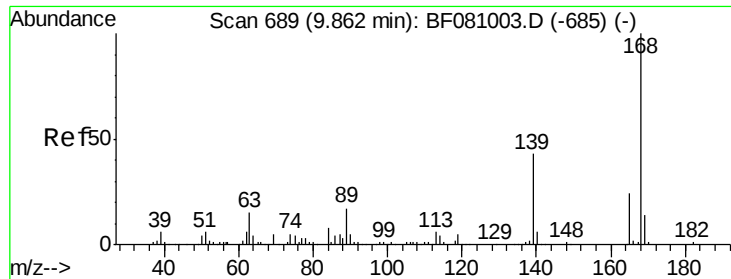


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

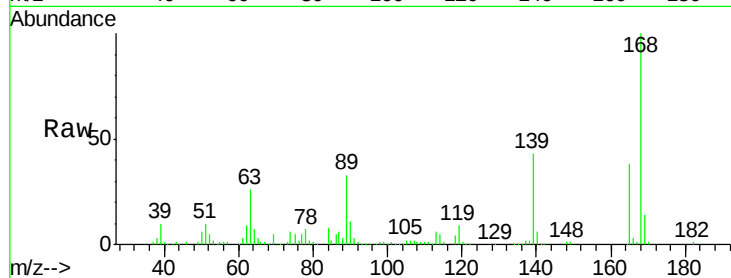




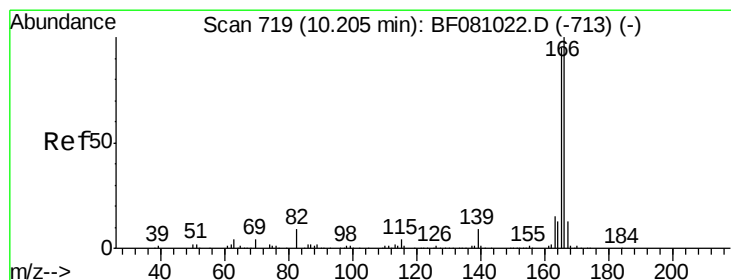
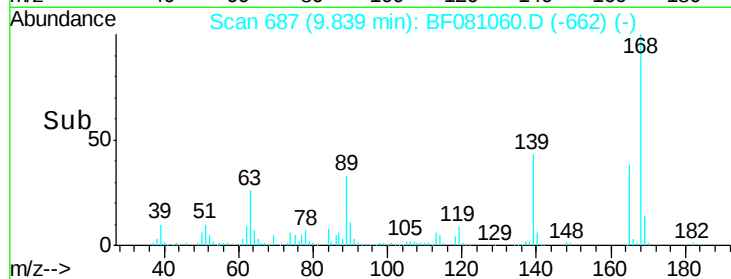
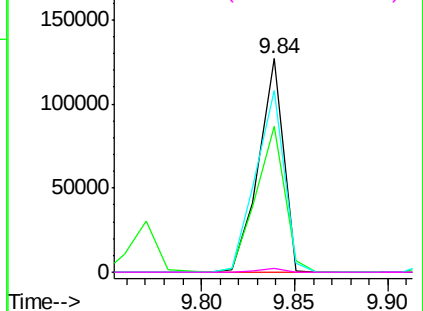
#56
2,4-Dinitrotoluene
Concen: 46.08 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 116673
Ion Ratio Lower Upper
165 100
63 68.5 52.2 78.4
89 85.2 60.1 90.1
182 2.1 1.8 2.6

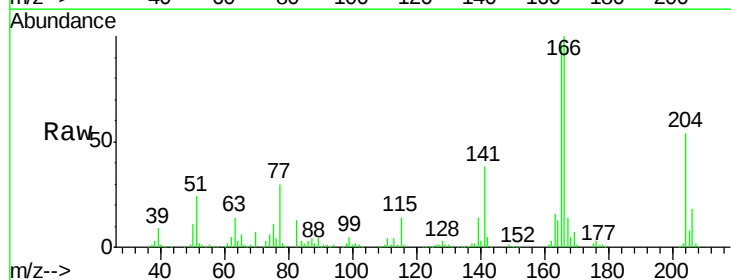


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

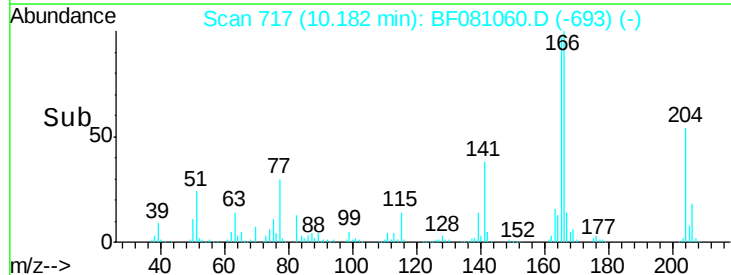
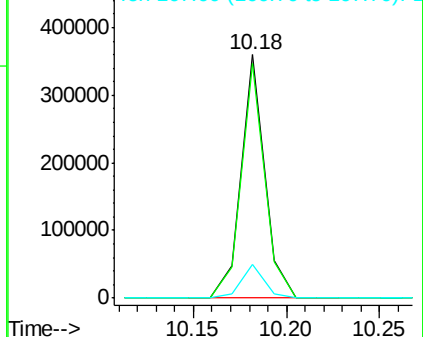


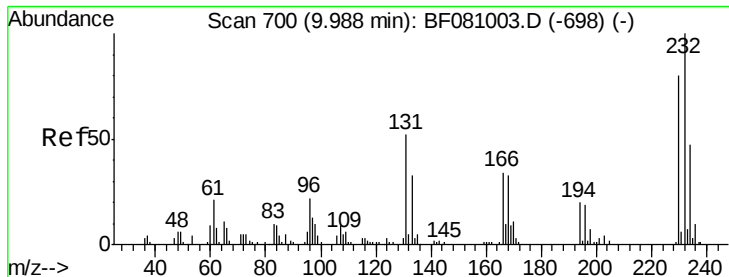
#57
Fluorene
Concen: 37.67 ng
RT: 10.18 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Tgt Ion:166 Resp: 317903
Ion Ratio Lower Upper
166 100
165 96.4 75.8 113.8
167 13.7 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

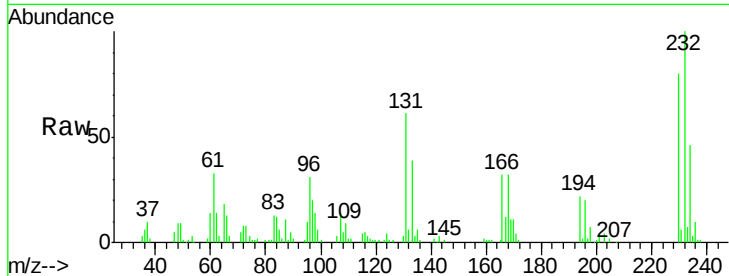




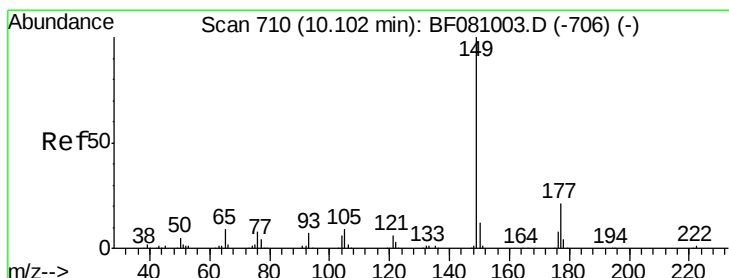
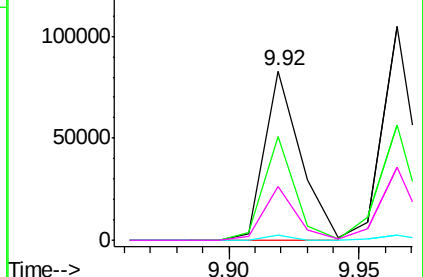
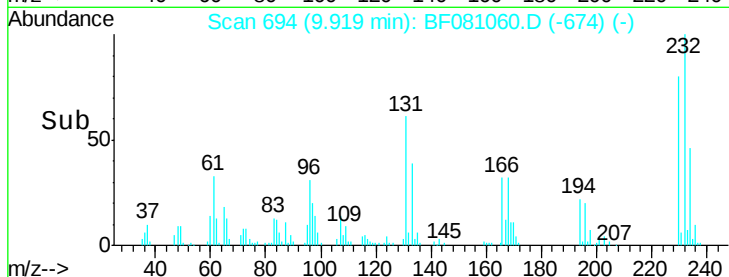
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.01 ng
 RT: 9.92 min Scan# 694
 Delta R.T. -0.07 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 80023
 Ion Ratio Lower Upper
 232 100
 131 53.6 42.2 63.4
 130 2.6 2.1 3.1
 166 28.9 22.4 33.6

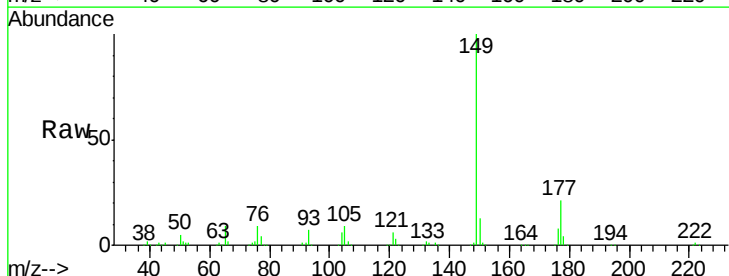


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

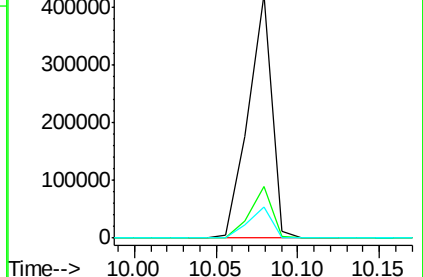
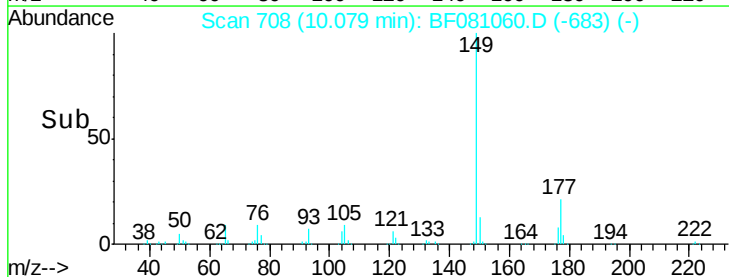


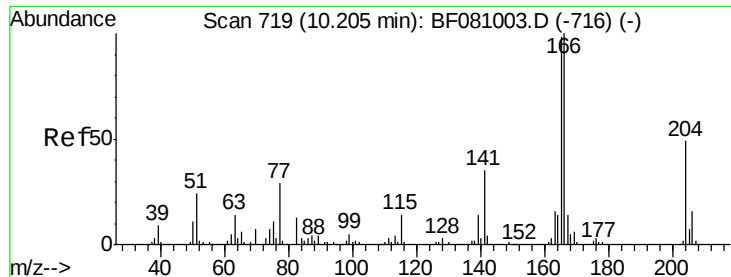
#59
 Diethylphthalate
 Concen: 44.92 ng
 RT: 10.08 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Tgt Ion:149 Resp: 423023
 Ion Ratio Lower Upper
 149 100
 177 21.0 14.1 21.1
 150 12.6 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: 43.12 ng

RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampled :

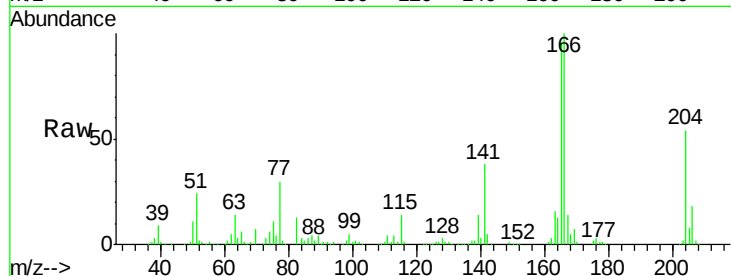
Tot Ion:204 Resp: 153998

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

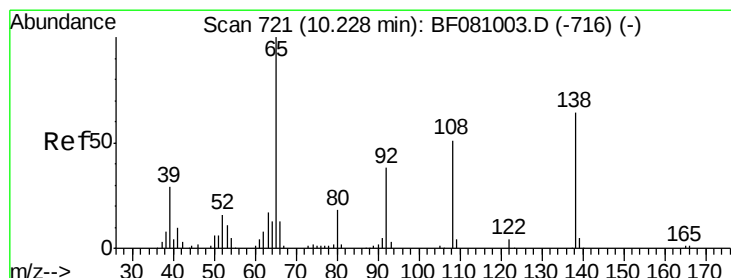
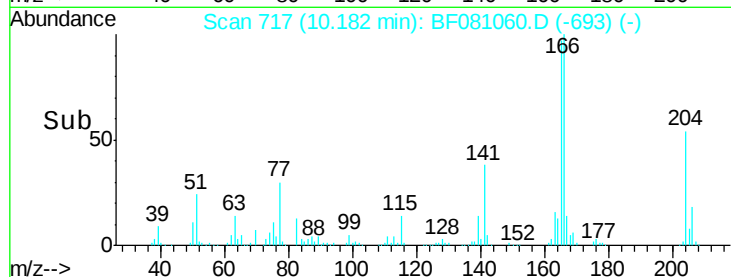
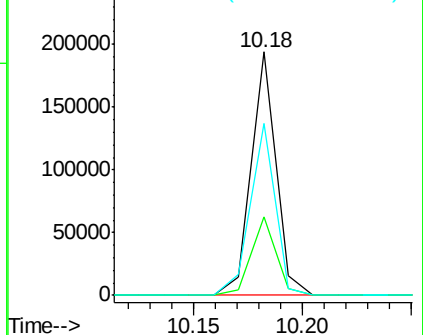
141 70.8 59.6 89.4



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: 45.82 ng

RT: 10.22 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

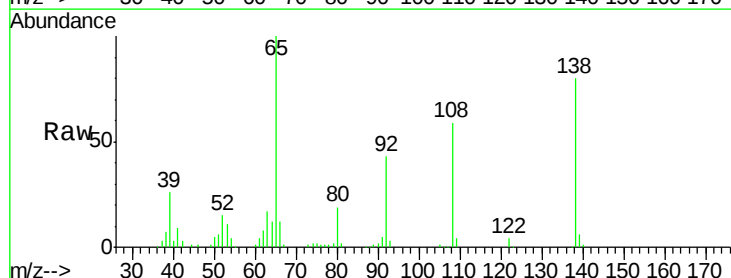
Tgt Ion:138 Resp: 111938

Ion Ratio Lower Upper

138 100

92 53.4 34.7 74.7

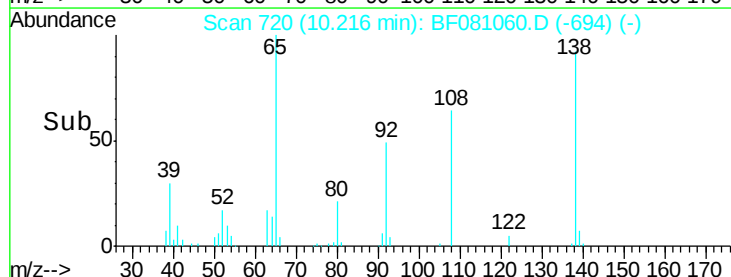
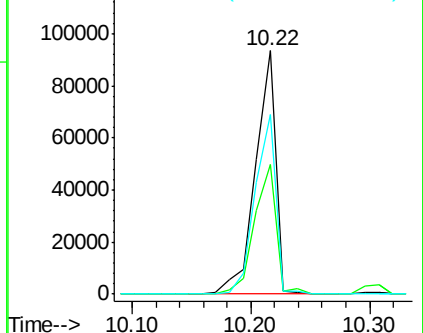
108 74.0 68.9 108.9

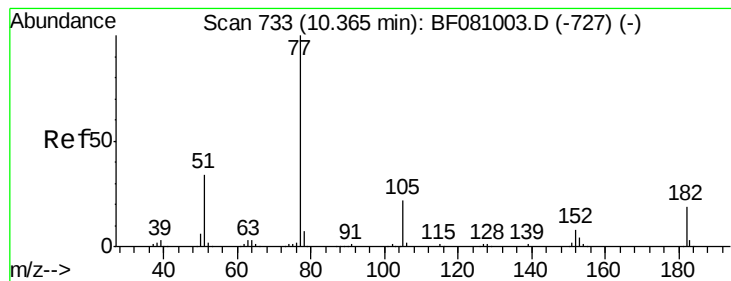


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 44.44 ng

RT: 10.34 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 482247

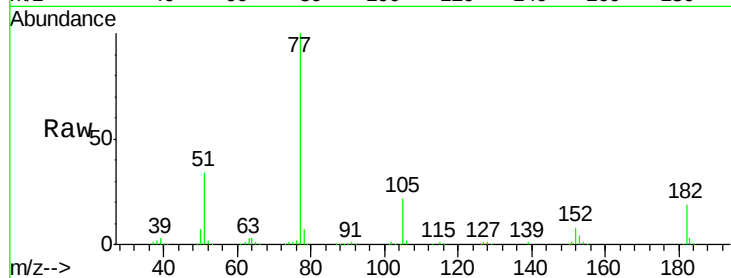
Ion Ratio Lower Upper

77 100

182 19.1 0.0 39.0

105 21.6 0.2 40.2

51 34.2 18.0 58.0

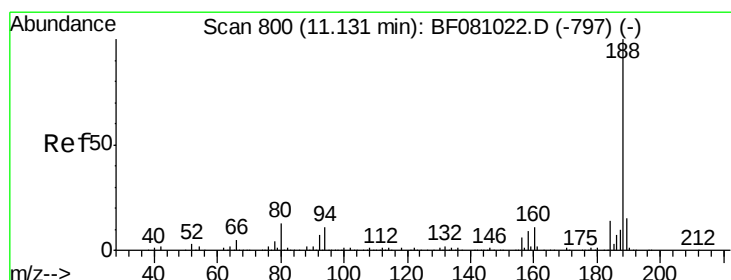
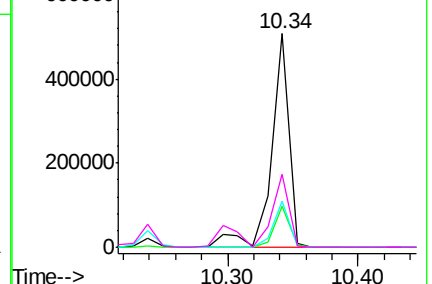
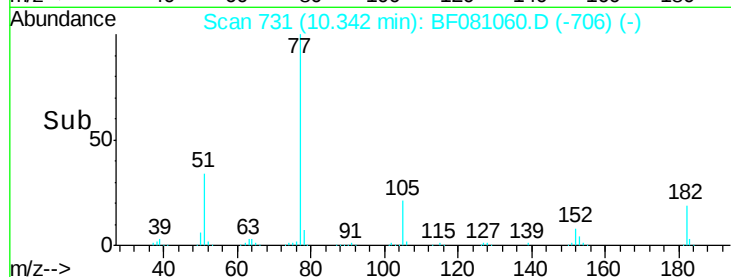


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.11 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

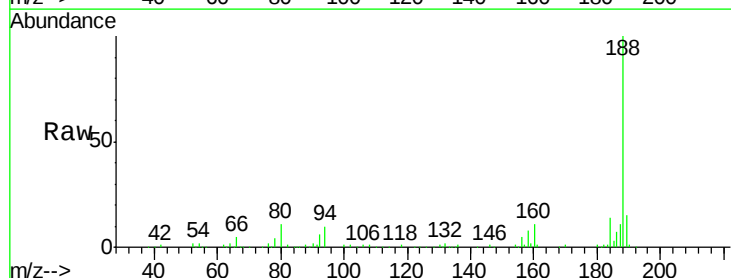
Tgt Ion: 188 Resp: 223910

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

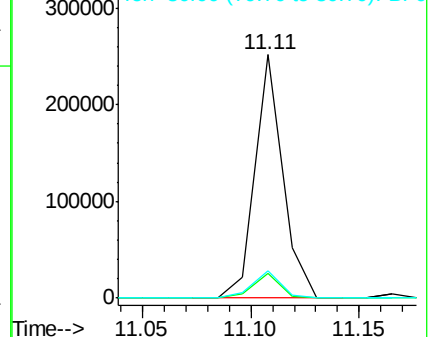
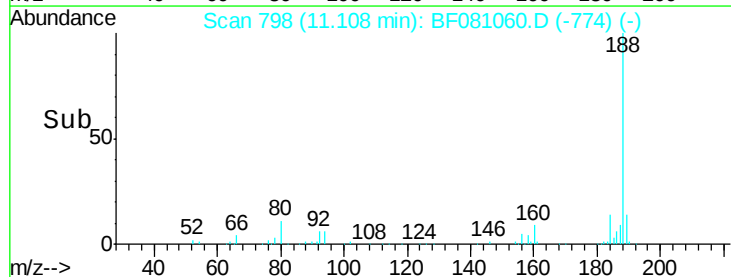
80 11.3 9.5 14.3

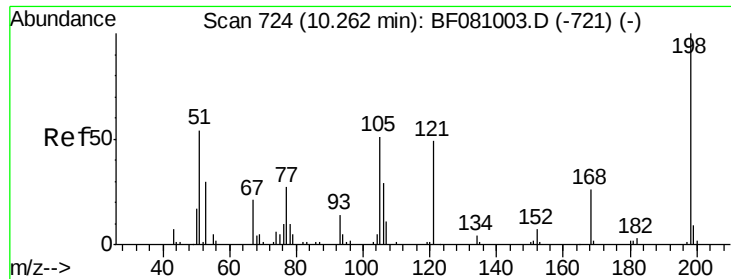


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

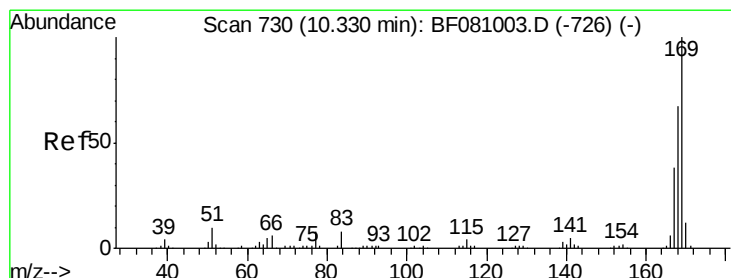
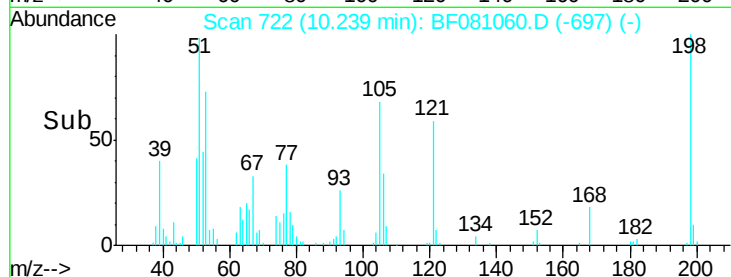
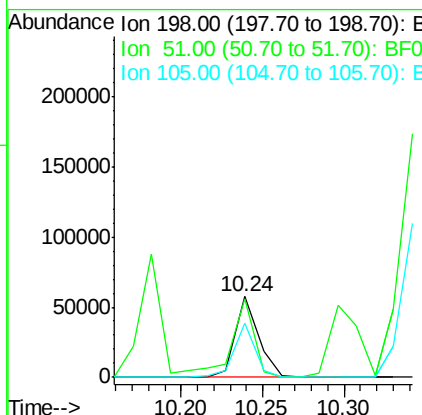
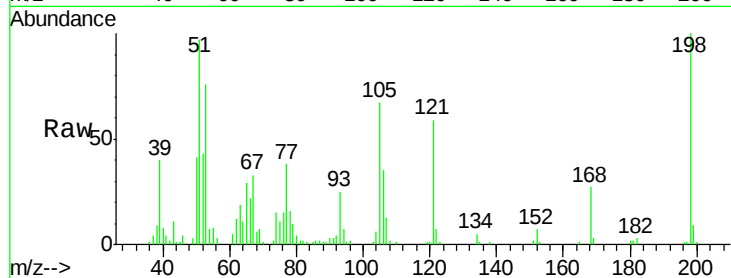




#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.03 ng
 RT: 10.24 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

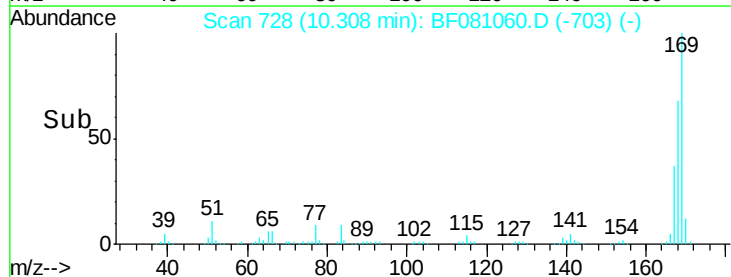
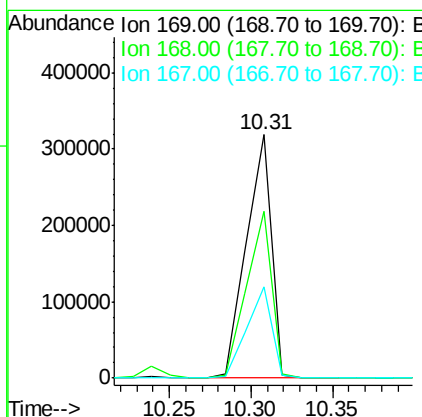
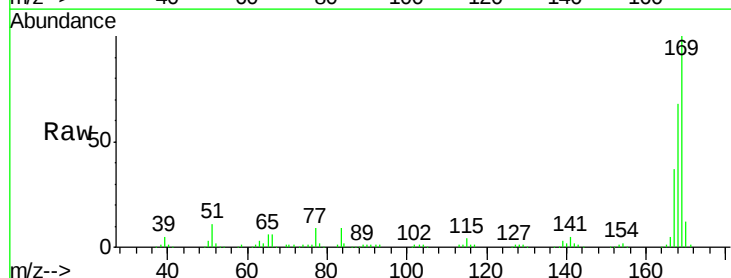
Instrument :
 BNA_F
 ClientSampled :

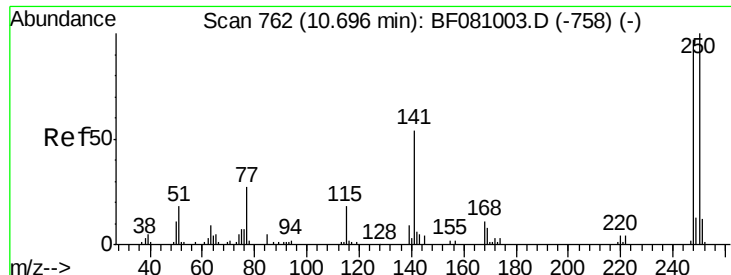
Tot Ion:198 Resp: 56204
 Ion Ratio Lower Upper
 198 100
 51 97.0 79.7 119.7
 105 66.8 47.0 87.0



#65
 n-Nitrosodiphenylamine
 Concen: 42.47 ng
 RT: 10.31 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Tgt Ion:169 Resp: 339490
 Ion Ratio Lower Upper
 169 100
 168 68.4 55.3 82.9
 167 37.4 30.8 46.2

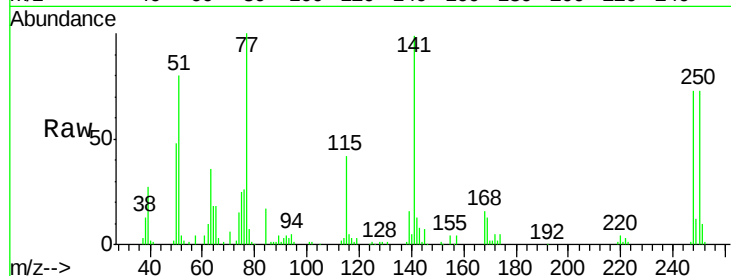




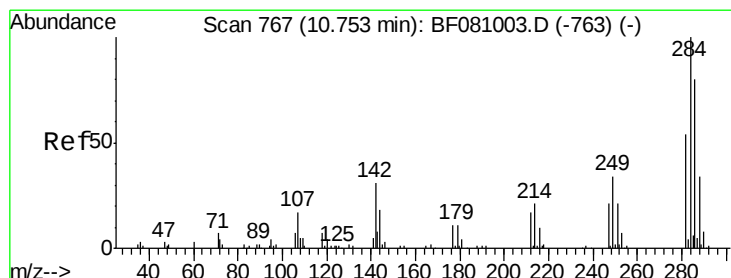
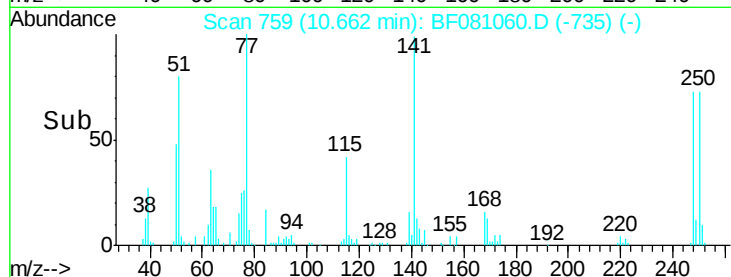
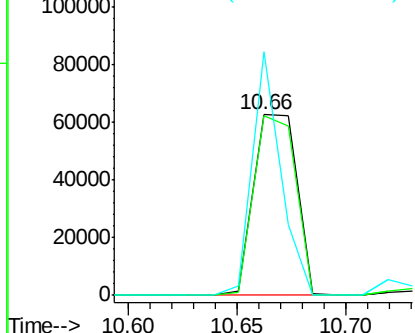
#66
 4-Bromophenyl-phenylether
 Concen: 39.53 ng
 RT: 10.66 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 86942
 Ion Ratio Lower Upper
 248 100
 250 99.7 77.8 116.6
 141 134.8 39.8 59.6#

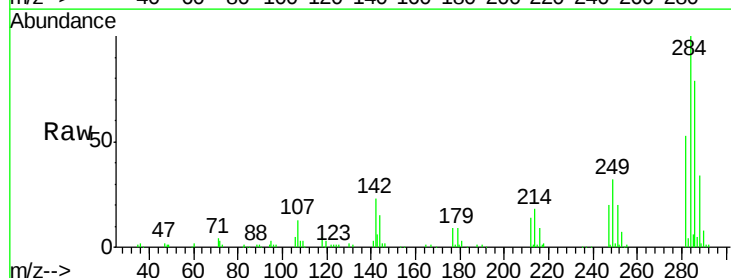


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

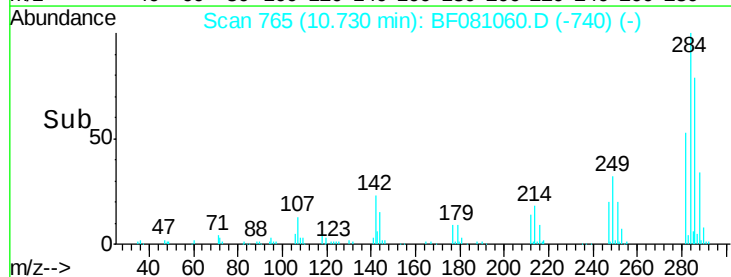
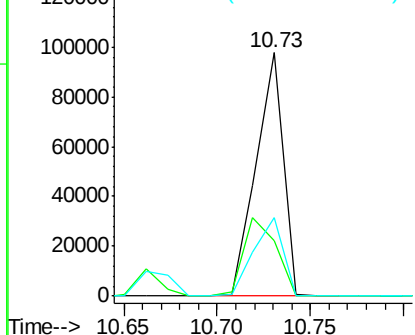


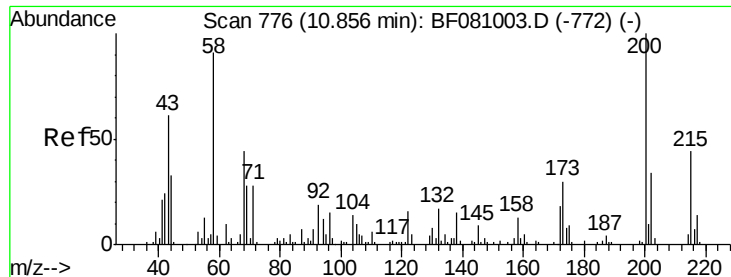
#67
 Hexachlorobenzene
 Concen: 44.23 ng
 RT: 10.73 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Tgt Ion:284 Resp: 98532
 Ion Ratio Lower Upper
 284 100
 142 23.0 25.4 38.0#
 249 32.0 28.5 42.7



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





#68

Atrazine

Concen: 38.69 ng

RT: 10.83 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampleId :

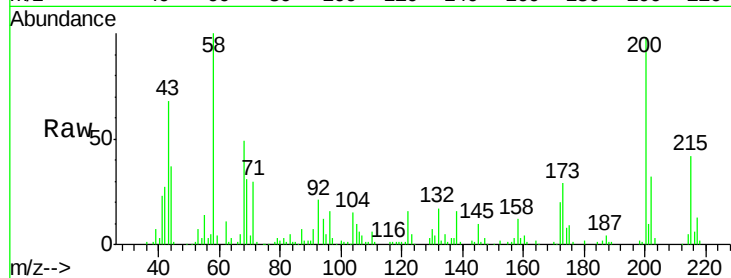
Tot Ion:200 Resp: 86163

Ion Ratio Lower Upper

200 100

173 29.9 8.1 48.1

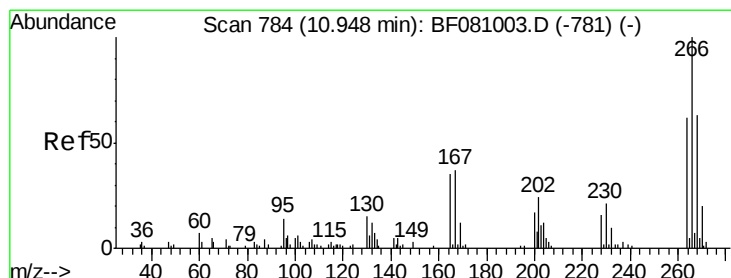
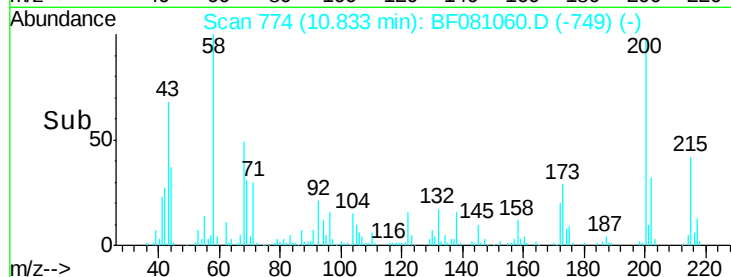
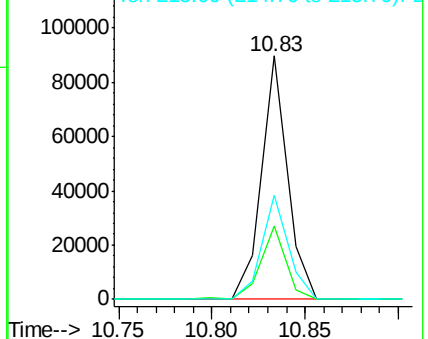
215 43.0 23.3 63.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 45.62 ng

RT: 10.92 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

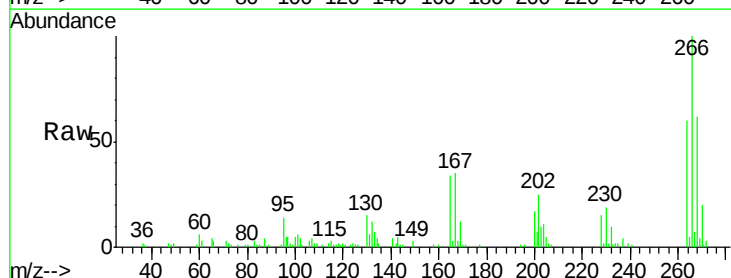
Tgt Ion:266 Resp: 60979

Ion Ratio Lower Upper

266 100

268 61.8 51.2 76.8

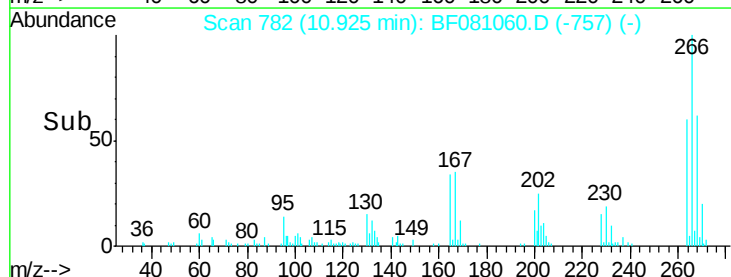
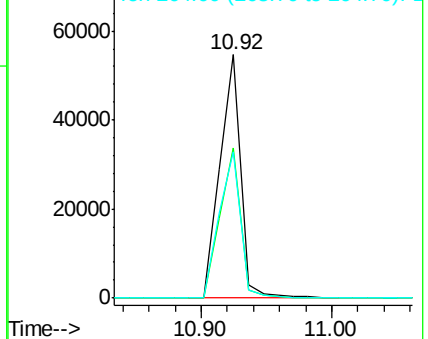
264 60.3 50.6 75.8

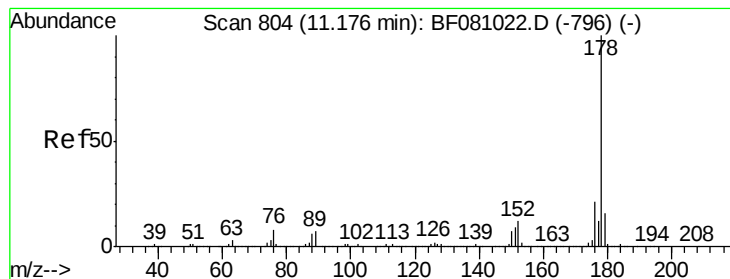


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 36.49 ng

RT: 11.13 min Scan# 800

Delta R.T. -0.02 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampled :

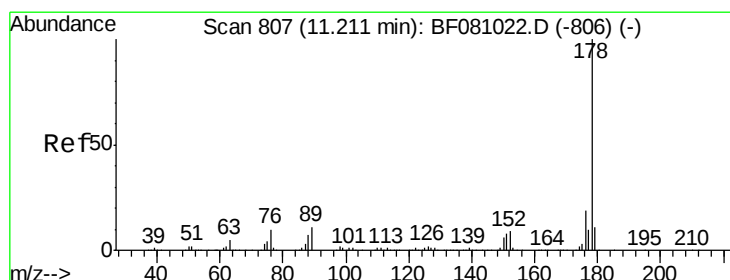
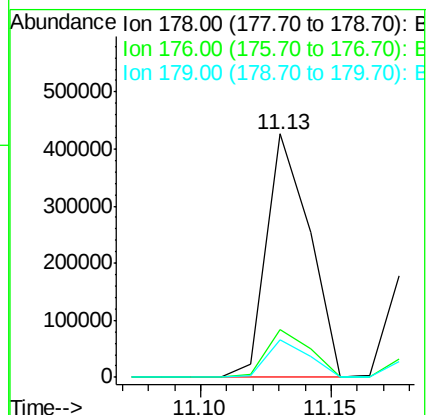
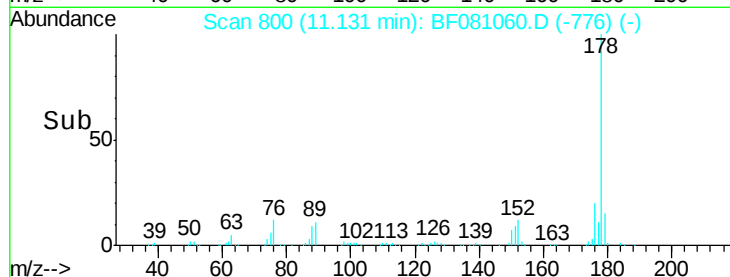
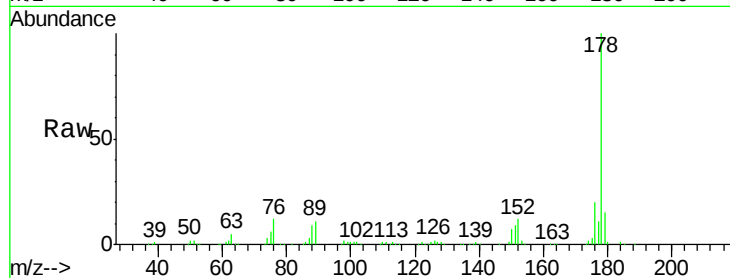
Tot Ion:178 Resp: 484231

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.3 12.2 18.2



#71

Anthracene

Concen: 43.05 ng

RT: 11.19 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

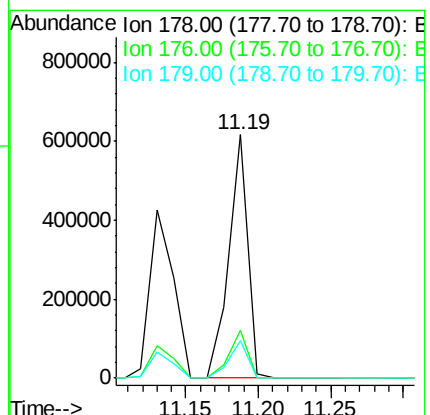
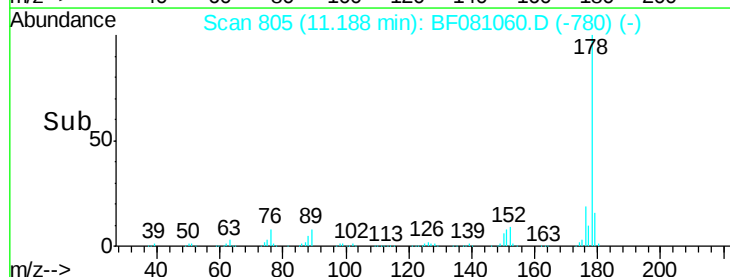
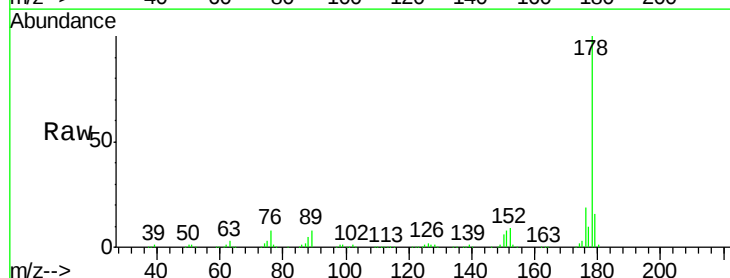
Tgt Ion:178 Resp: 555861

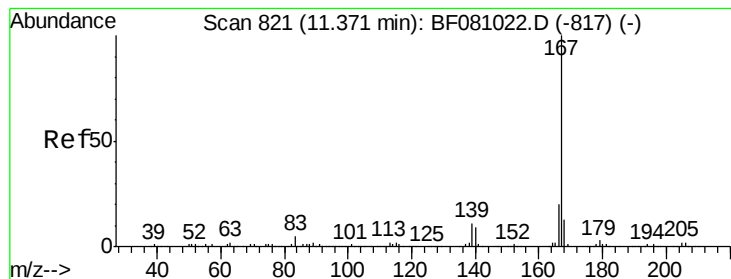
Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 15.5 12.7 19.1

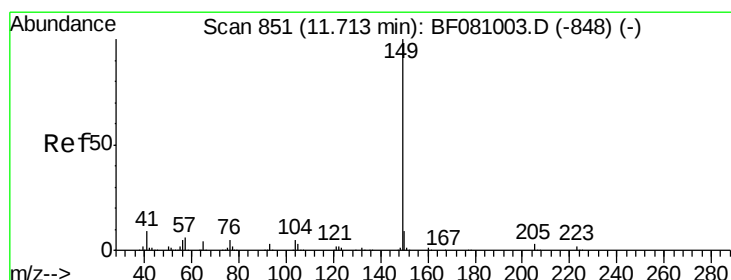
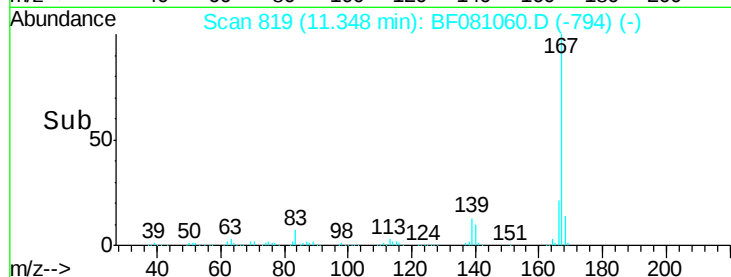
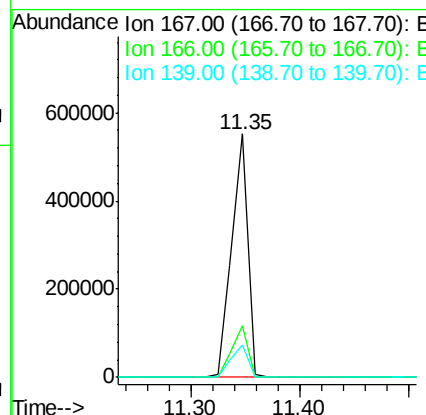
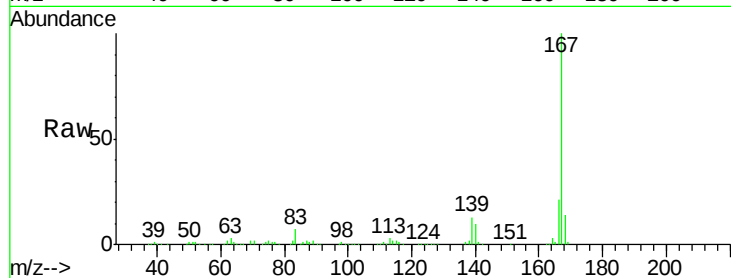




#72
 Carbazole
 Concen: 45.33 ng
 RT: 11.35 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

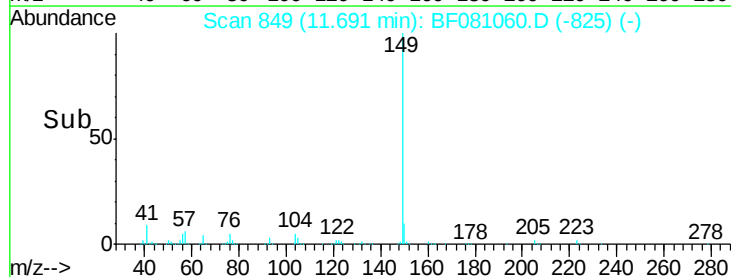
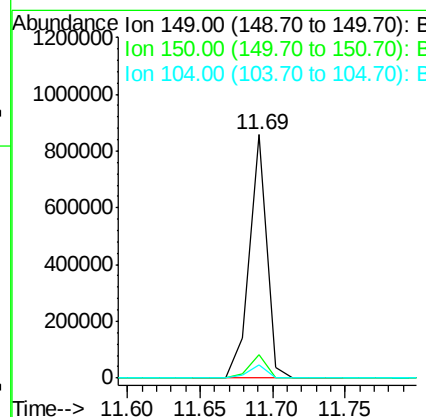
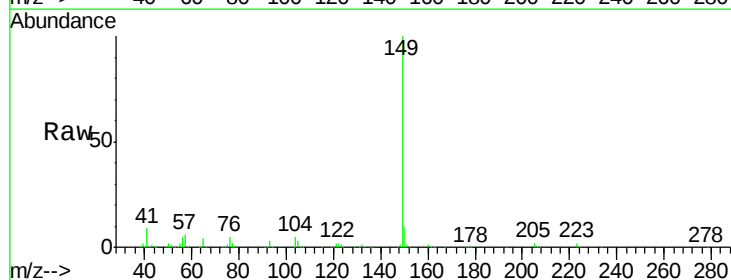
Instrument :
 BNA_F
 ClientSampleId :

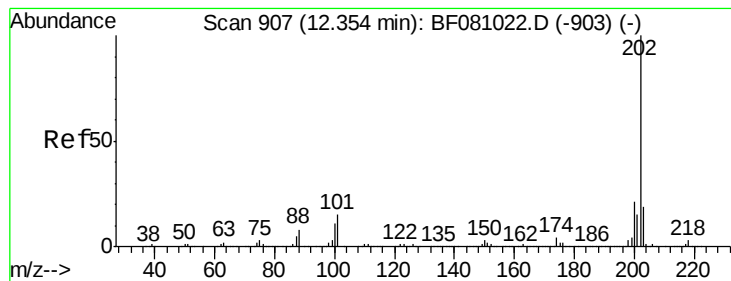
Tot Ion:167 Resp: 563609
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 13.1 10.6 16.0



#73
 Di-n-butylphthalate
 Concen: 47.36 ng
 RT: 11.69 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Tgt Ion:149 Resp: 712529
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.1 10.7
 104 5.3 3.9 5.9





#74

Fluoranthene

Concen: 37.76 ng

RT: 12.31 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampleId :

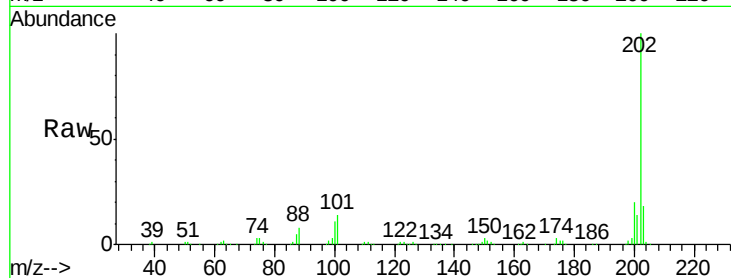
Tot Ion:202 Resp: 540703

Ion Ratio Lower Upper

202 100

101 14.1 0.0 24.8

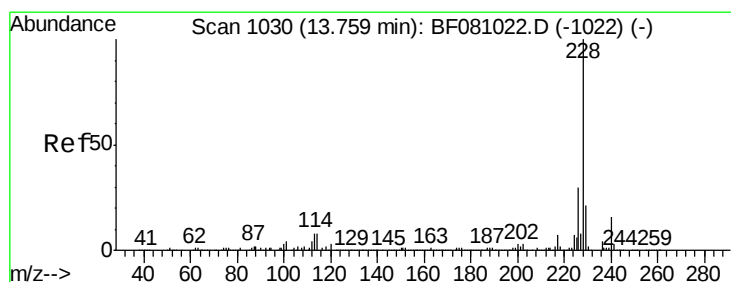
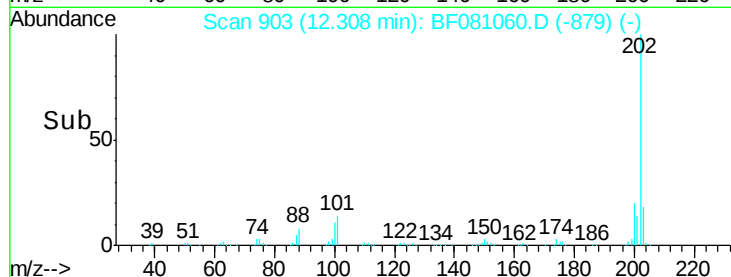
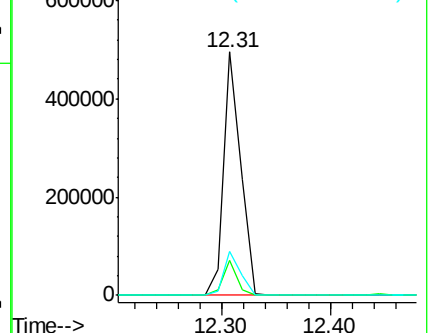
203 18.1 0.0 36.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

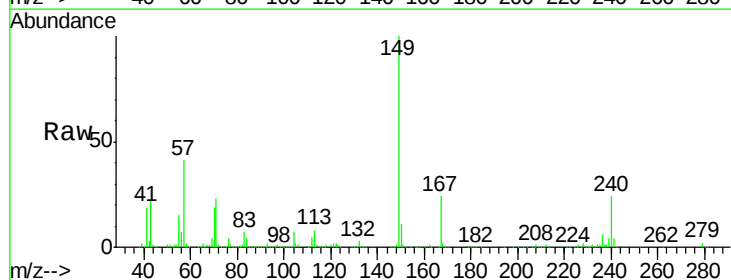
Tgt Ion:240 Resp: 173138

Ion Ratio Lower Upper

240 100

120 6.0 5.6 8.4

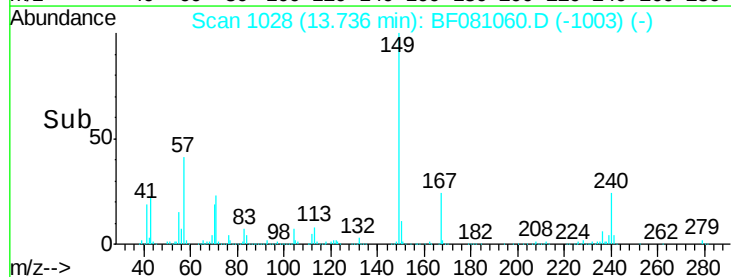
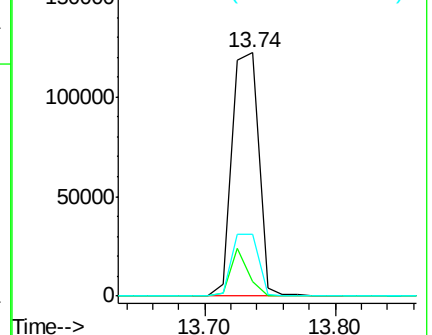
236 25.5 20.6 30.8

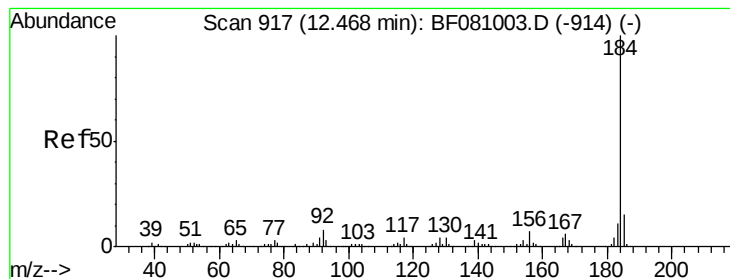


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

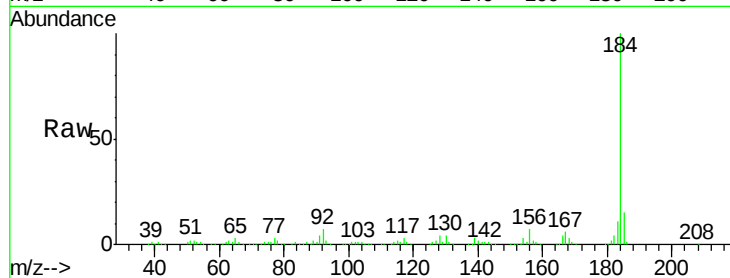




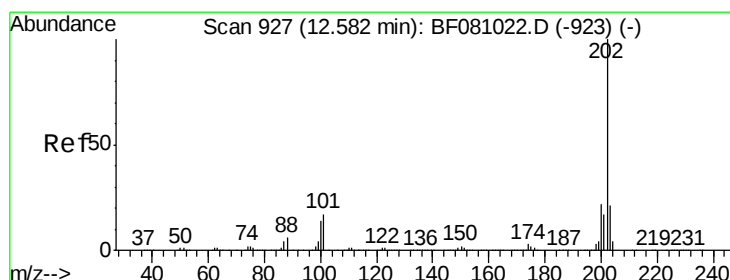
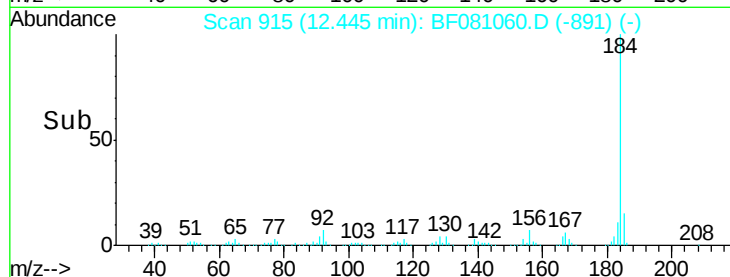
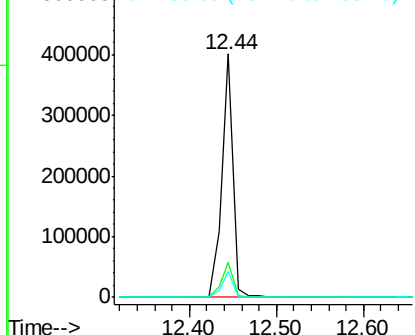
#76
Benzidine
Concen: 55.72 ng
RT: 12.44 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 364417
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 10.7 8.9 13.3

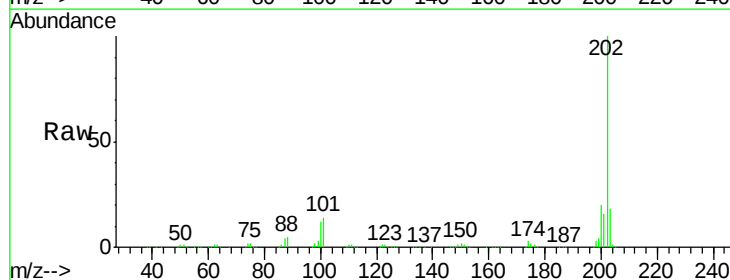


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

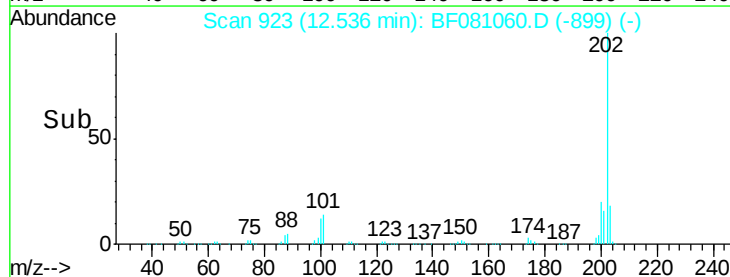
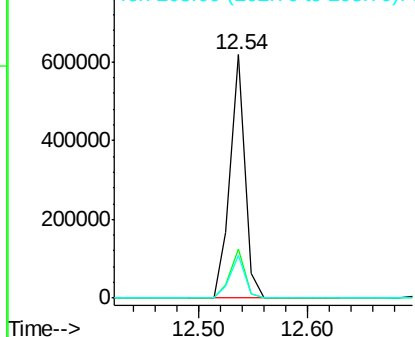


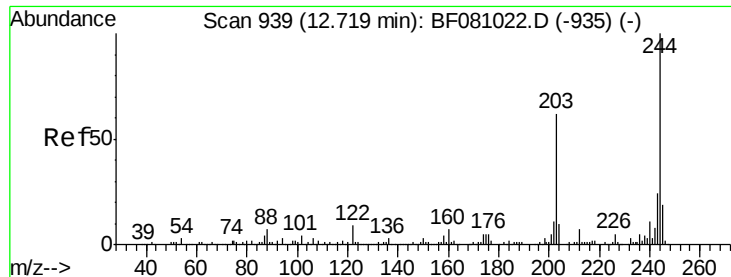
#77
Pyrene
Concen: 41.53 ng
RT: 12.54 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Tgt Ion:202 Resp: 584564
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 17.7 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: 94.70 ng

RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :
BNA_F
ClientSampled :

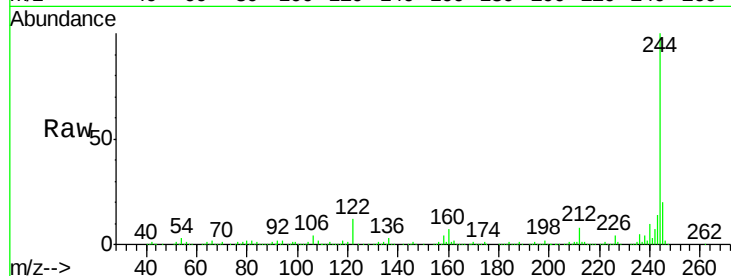
Tot Ion:244 Resp: 764812

Ion Ratio Lower Upper

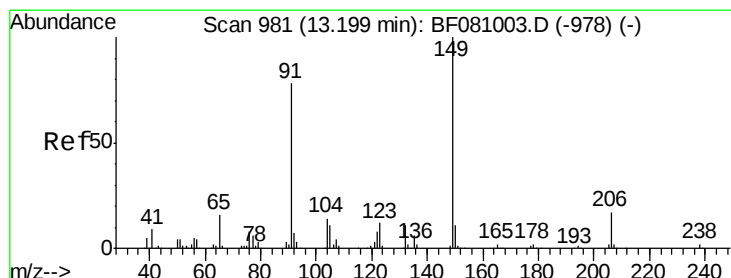
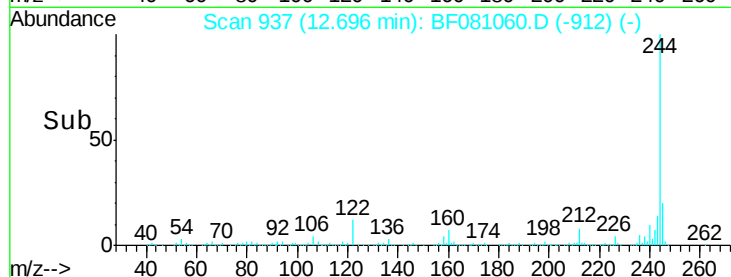
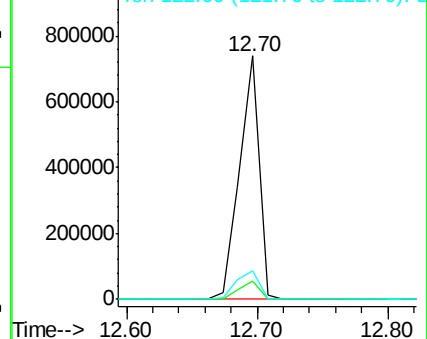
244 100

212 7.6 5.8 8.8

122 11.6 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: 56.00 ng

RT: 13.18 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

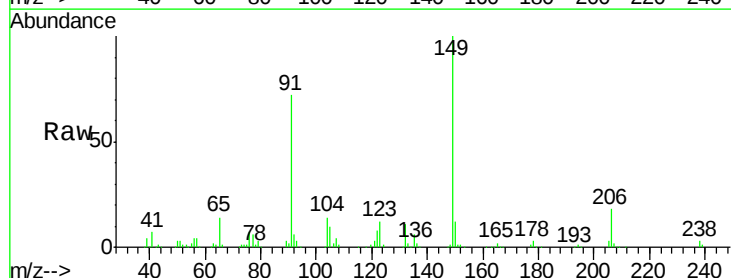
Tgt Ion:149 Resp: 338776

Ion Ratio Lower Upper

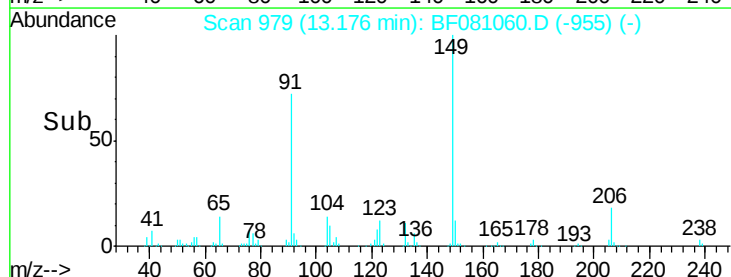
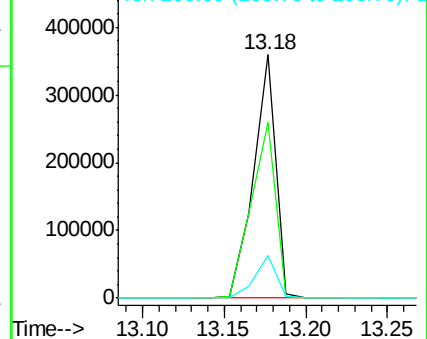
149 100

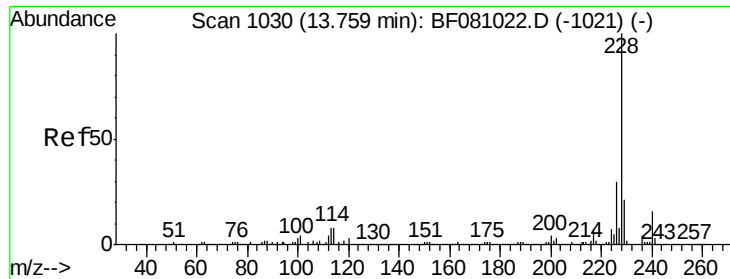
91 72.2 46.9 70.3#

206 17.5 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

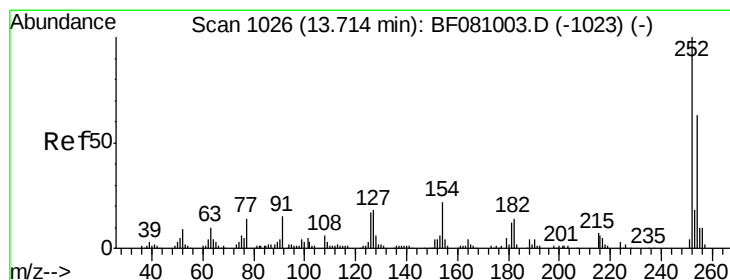
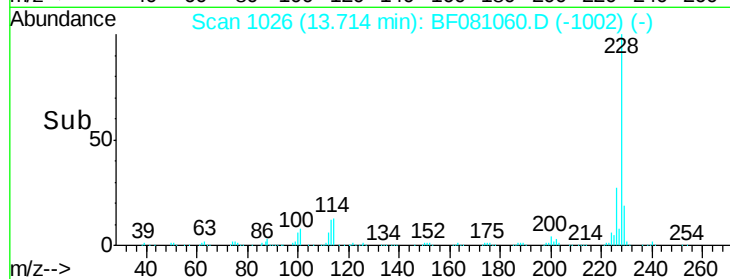
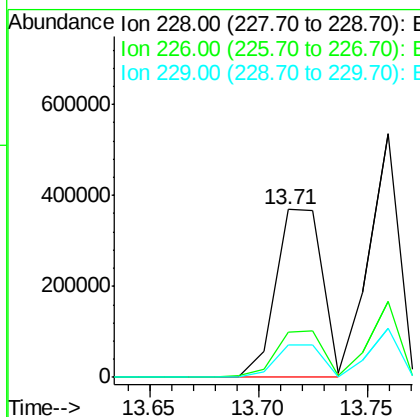
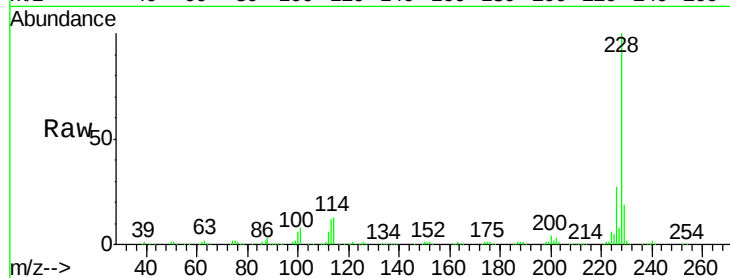




#80
Benzo(a)anthracene
Concen: 47.54 ng
RT: 13.71 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

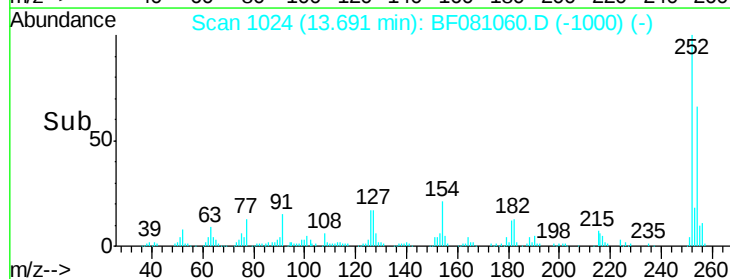
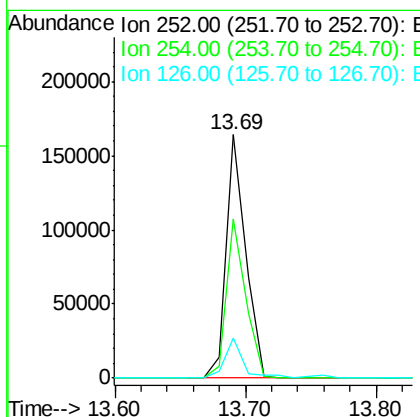
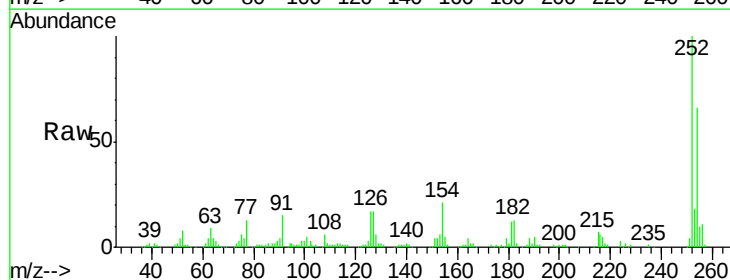
Instrument :
BNA_F
ClientSampleId :

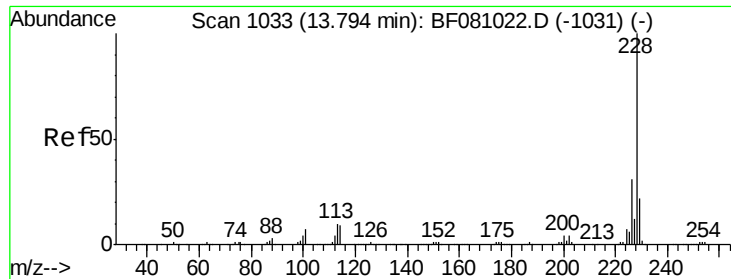
Tot Ion:228 Resp: 552030
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 19.4 15.9 23.9



#81
3,3'-Dichlorobenzidine
Concen: 45.21 ng
RT: 13.69 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Tgt Ion:252 Resp: 170024
Ion Ratio Lower Upper
252 100
254 65.5 51.5 77.3
126 16.7 12.5 18.7



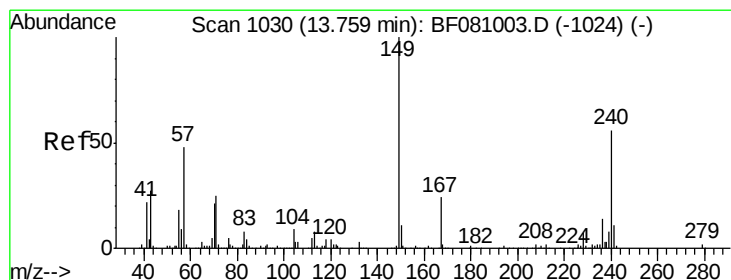
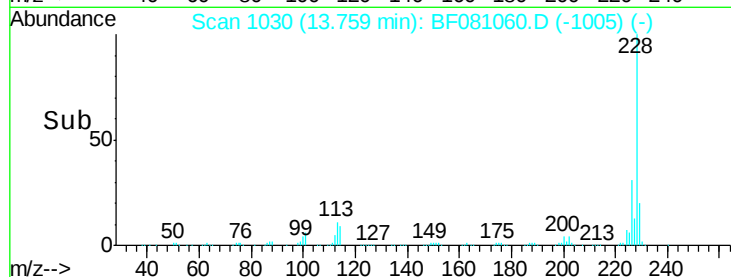
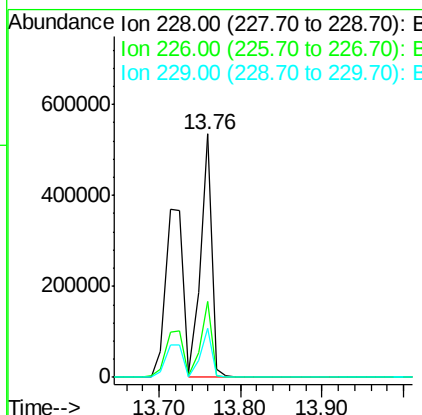
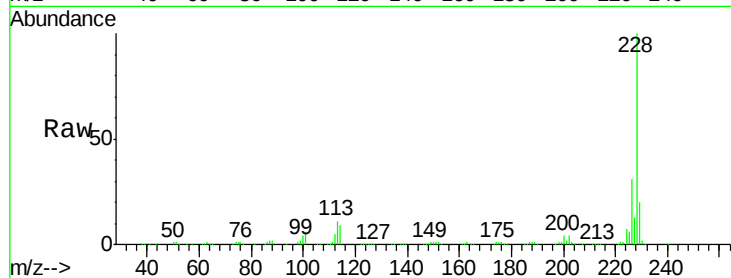


#82
 Chrysene
 Concen: 49.14 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 514228

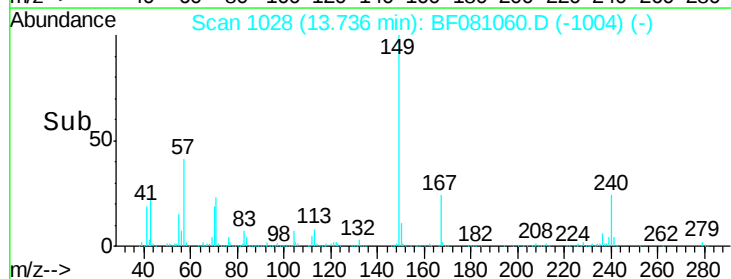
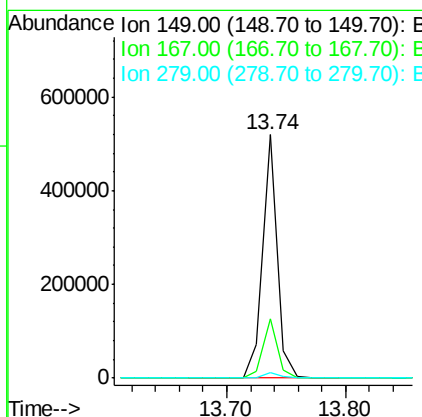
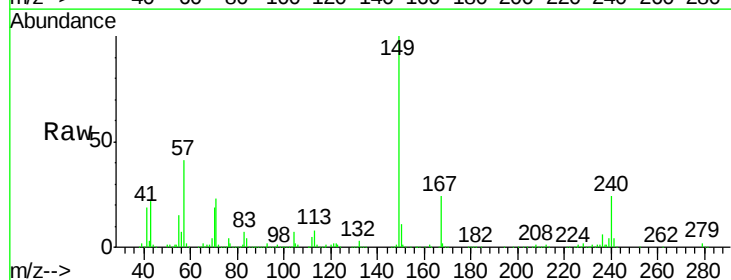
Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	20.0	16.0	24.0

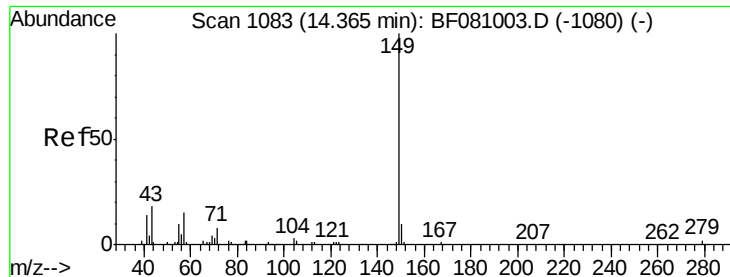


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.03 ng
 RT: 13.74 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF081060.D
 Acq: 19 Aug 2015 00:36

Tgt Ion:149 Resp: 449662

Ion	Ratio	Lower	Upper
149	100		
167	24.4	20.7	31.1
279	2.0	2.2	3.4





#84

Di-n-octyl phthalate

Concen: 62.64 ng

RT: 14.34 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampleId :

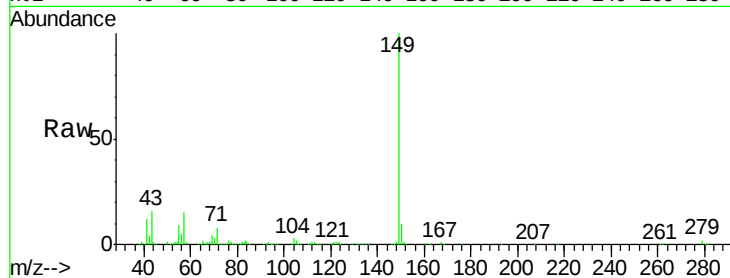
Tot Ion:149 Resp: 737794

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

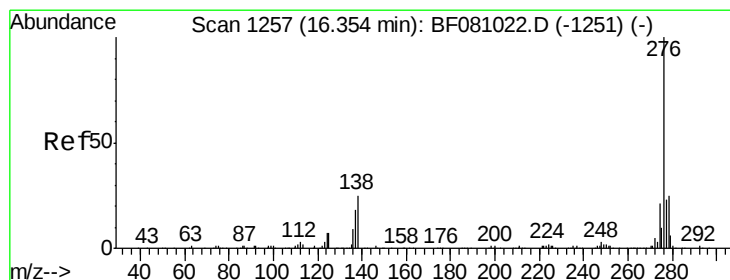
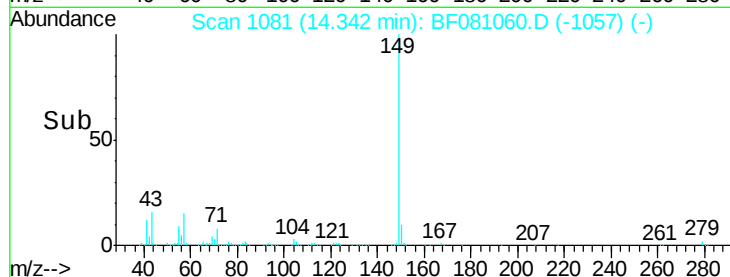
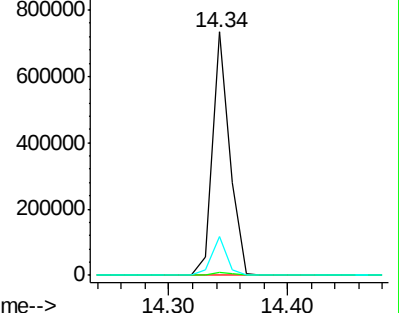
43 14.6 11.6 17.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 56.79 ng

RT: 16.30 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

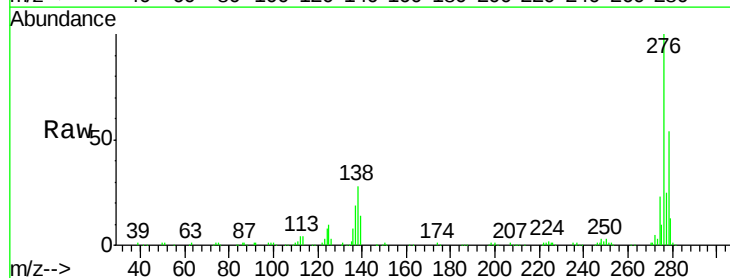
Tgt Ion:276 Resp: 417215

Ion Ratio Lower Upper

276 100

138 29.5 18.6 28.0#

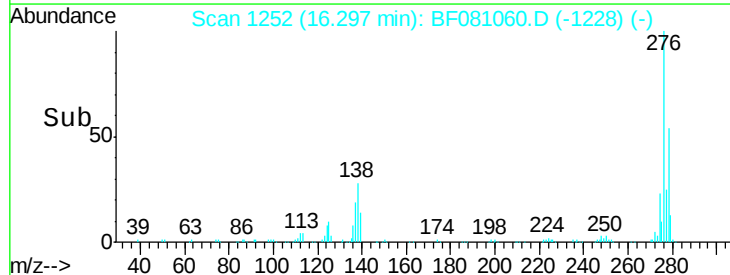
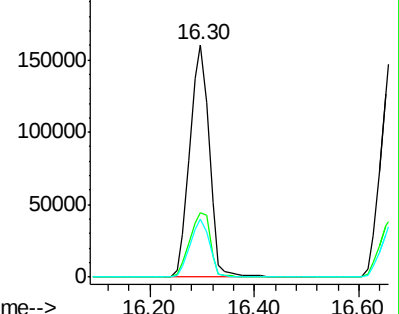
277 25.0 19.8 29.8

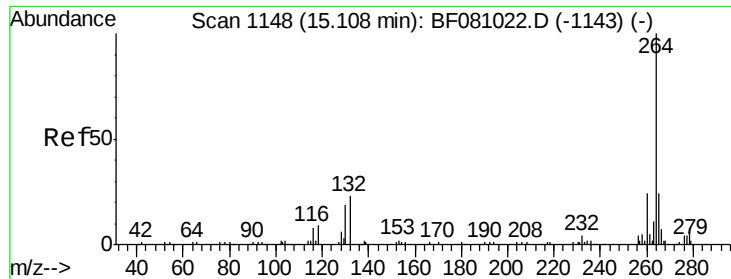


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

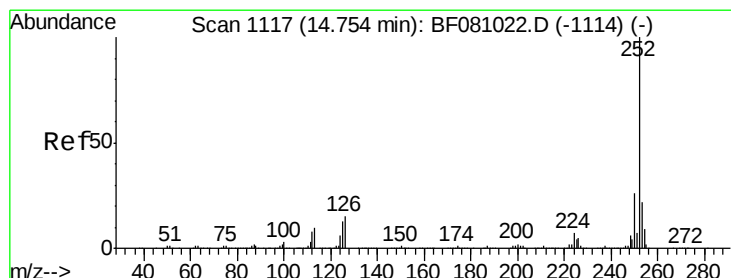
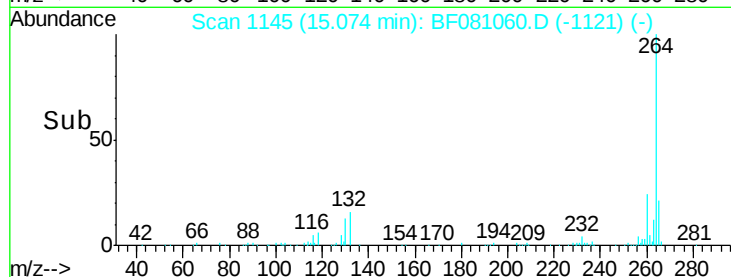
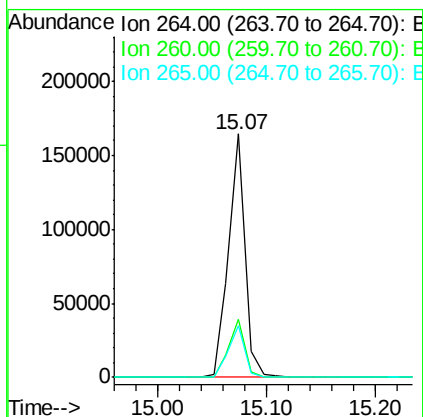
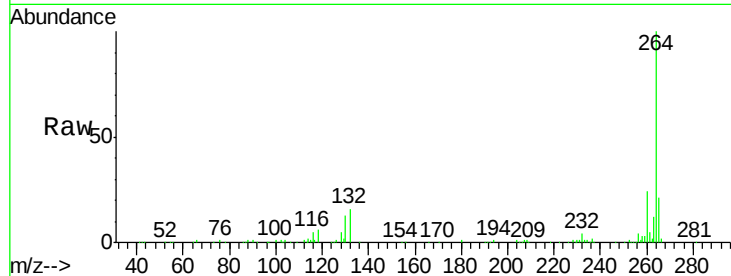




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

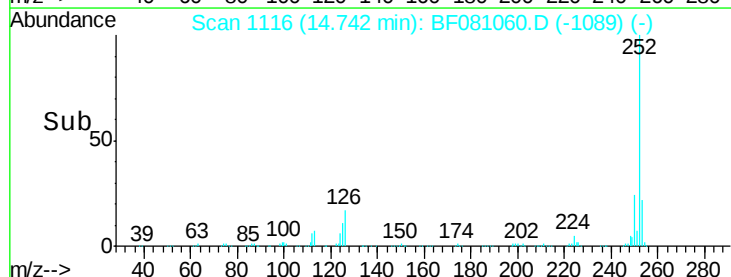
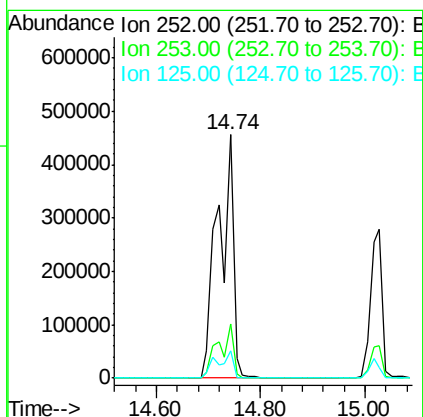
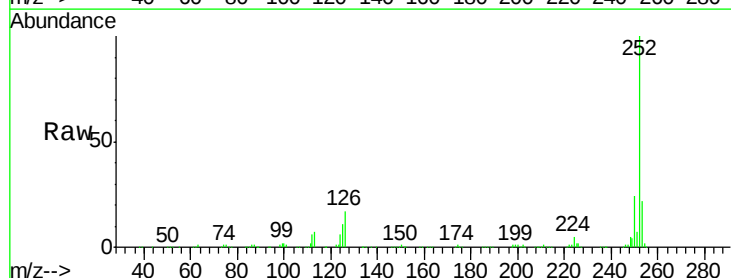
Instrument :
BNA_F
ClientSampleId :

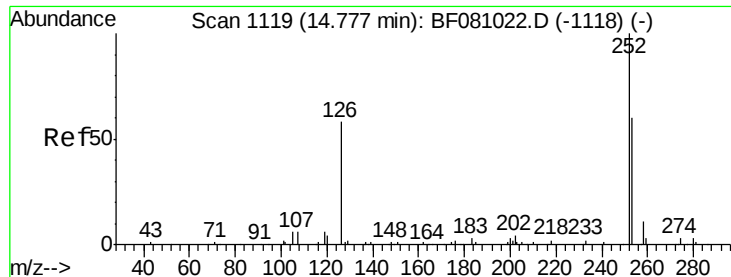
Tot Ion:264 Resp: 172540
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 21.1 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 75.64 ng
RT: 14.74 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Tgt Ion:252 Resp: 923181
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 11.0 8.0 12.0

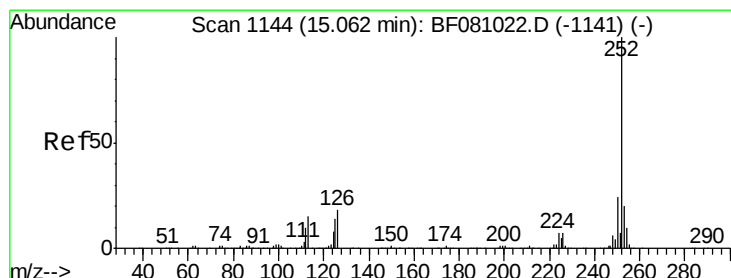
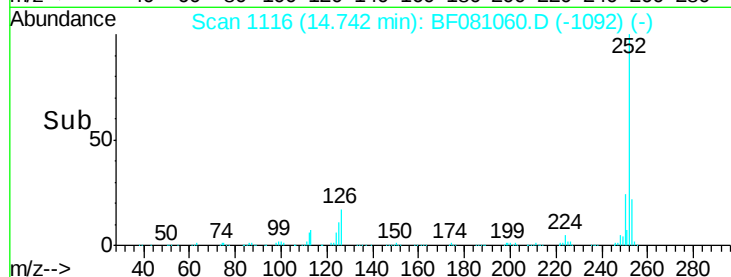
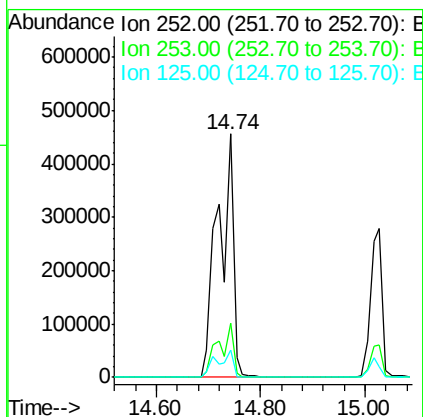
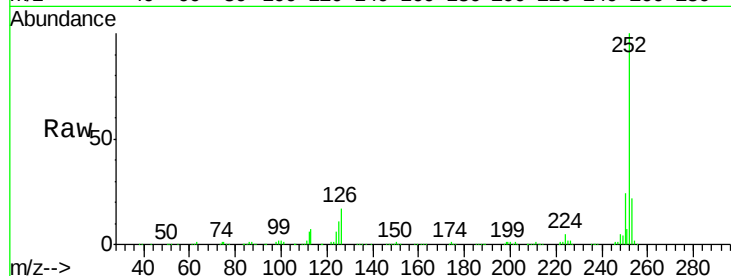




#88
Benzo(k)fluoranthene
Concen: 81.18 ng
RT: 14.74 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

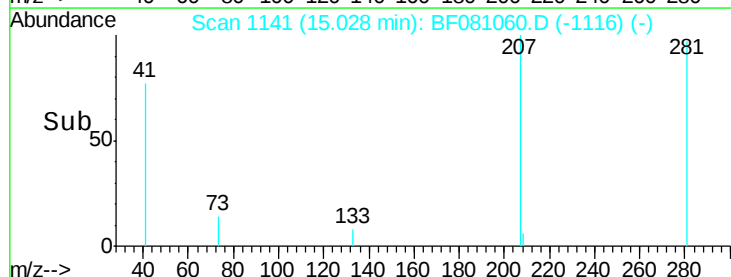
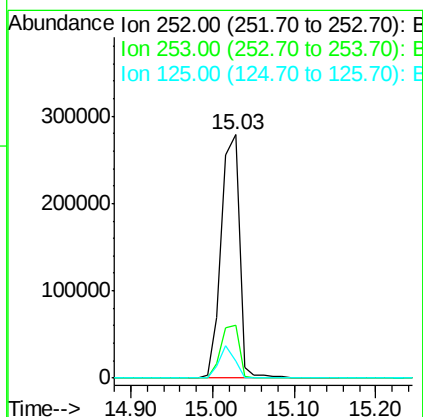
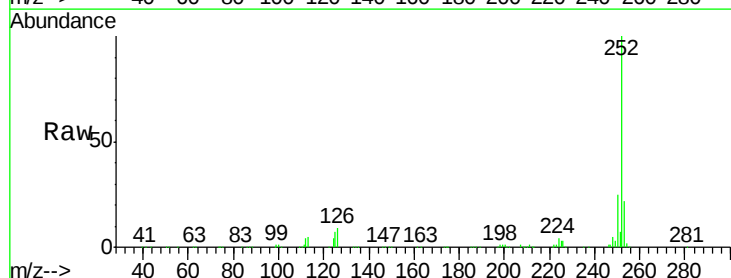
Instrument :
BNA_F
ClientSampleId :

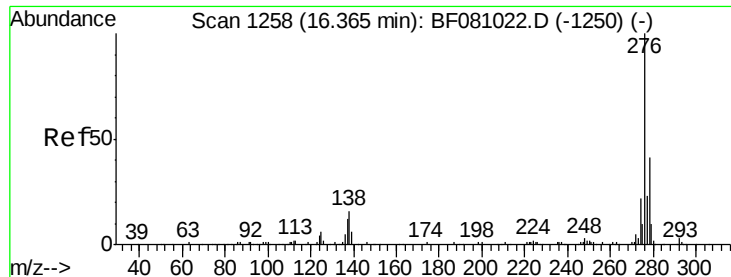
Tot Ion:252 Resp: 923181
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.0 10.3 15.5



#89
Benzo(a)pyrene
Concen: 40.80 ng
RT: 15.03 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081060.D
Acq: 19 Aug 2015 00:36

Tgt Ion:252 Resp: 433902
Ion Ratio Lower Upper
252 100
253 21.9 16.6 25.0
125 6.9 7.8 11.8#





#90

Dibenzo(a,h)anthracene

Concen: 41.48 ng

RT: 16.31 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

Instrument :

BNA_F

ClientSampleId :

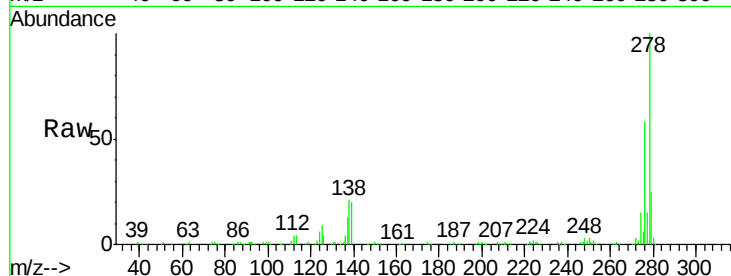
Tot Ion:278 Resp: 343703

Ion Ratio Lower Upper

278 100

139 20.3 10.8 16.2#

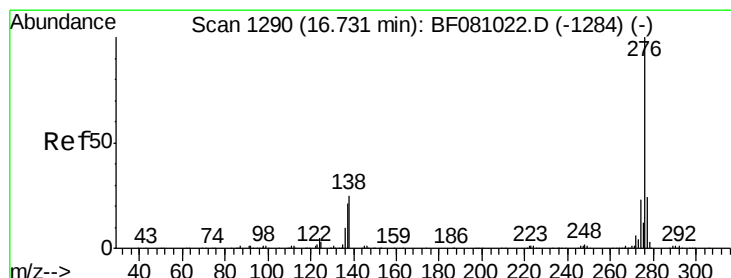
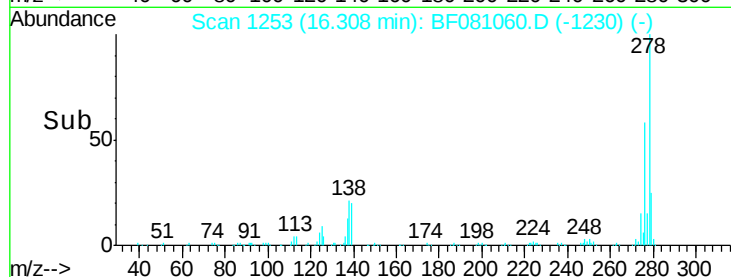
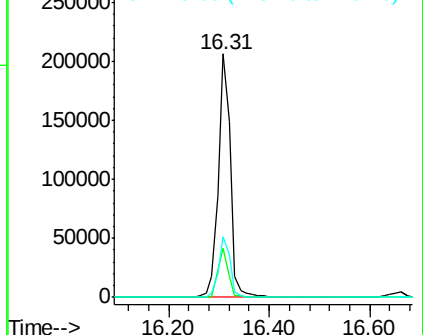
279 24.9 19.0 28.6



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: 39.76 ng

RT: 16.66 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF081060.D

Acq: 19 Aug 2015 00:36

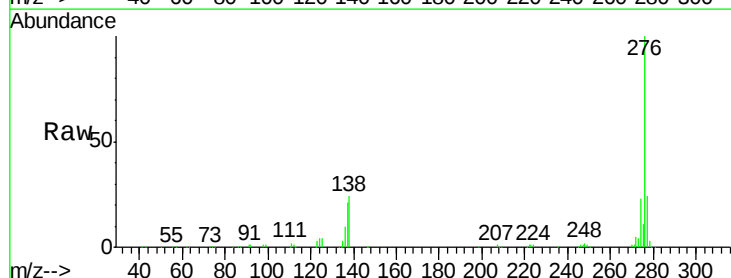
Tgt Ion:276 Resp: 334236

Ion Ratio Lower Upper

276 100

277 23.9 18.2 27.2

138 24.4 13.7 20.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

