

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081050.D
 Acq On : 18 Aug 2015 19:15
 Operator : UM/IZ
 Sample : PB85016BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 00:39:41 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	60660	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	256080	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	118391	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	250975	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	213249	20.00	ng	-0.01
86) Perylene-d12	15.07	264	196599	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	452303	112.15	ng	0.00
7) Phenol-d6	6.26	99	614241	116.73	ng	0.00
23) Nitrobenzene-d5	7.18	82	354851	63.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	117422	114.42	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	568393	62.91	ng	-0.02
78) Terphenyl-d14	12.70	244	676816	68.04	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.07	88	47917	25.21	ng	95
3) Pyridine	2.70	79	148501	27.68	ng	# 83
4) n-Nitrosodimethylamine	2.64	42	94550	31.66	ng	85
6) Aniline	6.26	93	172902	22.60	ng	# 39
8) 2-Chlorophenol	6.39	128	145395	32.94	ng	96
9) Benzaldehyde	6.15	77	65158	19.21	ng	88
10) Phenol	6.27	94	249711	40.18	ng	# 79
11) bis(2-Chloroethyl)ether	6.35	93	166341	34.88	ng	95
12) 1,3-Dichlorobenzene	6.55	146	156587	33.01	ng	98
13) 1,4-Dichlorobenzene	6.63	146	158600	33.77	ng	98
14) 1,2-Dichlorobenzene	6.78	146	141542	32.20	ng	98
15) Benzyl Alcohol	6.76	79	157275	36.94	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.90	45	314964	33.61	ng	99
17) 2-Methylphenol	6.88	107	123015	32.48	ng	97
18) Hexachloroethane	7.12	117	62379	32.87	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	128954	35.38	ng	91
20) 3+4-Methylphenols	7.04	107	163465	34.00	ng	# 48
22) Acetophenone	7.03	105	221144	32.89	ng	# 89
24) Nitrobenzene	7.20	77	198660	33.89	ng	98
25) Isophorone	7.44	82	329527	31.52	ng	99
26) 2-Nitrophenol	7.52	139	81944	33.62	ng	# 63
27) 2,4-Dimethylphenol	7.56	122	150945	35.00	ng	93
28) bis(2-Chloroethoxy)methane	7.66	93	192201	31.12	ng	99
29) 2,4-Dichlorophenol	7.76	162	129943	35.79	ng	90
30) 1,2,4-Trichlorobenzene	7.84	180	125746	31.16	ng	99
31) Naphthalene	7.92	128	473187	33.15	ng	99
32) Benzoic acid	7.70	122	108480	44.72	ng	90
33) 4-Chloroaniline	7.96	127	74370	12.35	ng	97
34) Hexachlorobutadiene	8.04	225	75385	33.04	ng	96
35) Caprolactam	8.34	113	24697	19.46	ng	91
36) 4-Chloro-3-methylphenol	8.47	107	159695	36.91	ng	88
37) 2-Methylnaphthalene	8.60	142	294386	32.65	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	129333	33.86	ng	99
40) Hexachlorocyclopentadiene	8.76	237	144643	73.16	ng	99

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 ALS Vial : 9 Sample Multiplier: 1

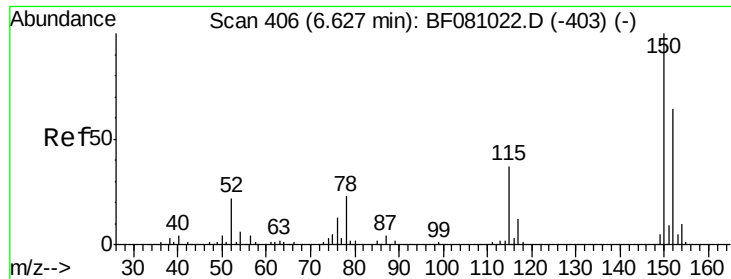
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 00:39:41 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)

42) 2,4,6-Trichlorophenol	8.89	196	99203	36.76	nq	98
43) 2,4,5-Trichlorophenol	8.92	196	86082	31.92	nq	# 85
45) 1,1'-Biphenyl	9.07	154	396142	37.99	nq	98
46) 2-Chloronaphthalene	9.10	162	262500	31.33	nq	98
47) 2-Nitroaniline	9.19	65	105080	30.65	nq	100
48) Acenaphthylene	9.50	152	443096	29.57	nq	99
49) Dimethylphthalate	9.38	163	338891	34.76	nq	100
50) 2,6-Dinitrotoluene	9.44	165	78727	37.61	nq	91
51) Acenaphthene	9.67	154	280419	31.26	nq	99
52) 3-Nitroaniline	9.60	138	55768	21.29	nq	94
53) 2,4-Dinitrophenol	9.71	184	105235	87.95	nq	# 60
54) Dibenzofuran	9.85	168	407630	33.91	nq	97
55) 4-Nitrophenol	9.78	139	147337	80.08	nq	# 47
56) 2,4-Dinitrotoluene	9.84	165	106171	38.26	nq	# 84
57) Fluorene	10.18	166	294484	31.84	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	75618	36.23	nq	98
59) Diethylphthalate	10.08	149	388185	37.61	nq	97
60) 4-Chlorophenyl-phenylether	10.18	204	140582	35.92	nq	99
61) 4-Nitroaniline	10.22	138	93591	34.95	nq	92
62) Azobenzene	10.34	77	449696	37.81	nq	96
64) 4,6-Dinitro-2-methylphenol	10.24	198	53426	35.65	nq	97
65) n-Nitrosodiphenylamine	10.31	169	314327	35.09	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	83293	33.78	nq	96
67) Hexachlorobenzene	10.73	284	91240	36.54	nq	91
68) Atrazine	10.83	200	90968	36.44	nq	96
69) Pentachlorophenol	10.92	266	112021	74.77	nq	98
70) Phenanthrene	11.13	178	472139	31.74	nq	99
71) Anthracene	11.19	178	513262	35.46	nq	99
72) Carbazole	11.35	167	540457	38.78	nq	99
73) Di-n-butylphthalate	11.69	149	650804	38.60	nq	98
74) Fluoranthene	12.31	202	537388	33.48	nq	92
76) Benzidine	12.45	184	270036	33.52	nq	97
77) Pyrene	12.54	202	533038	30.75	nq	99
79) Butylbenzylphthalate	13.18	149	312907	41.99	nq	# 78
80) Benzo(a)anthracene	13.73	228	527191	36.86	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	105207	22.71	nq	98
82) Chrysene	13.76	228	492362	38.20	nq	98
83) Bis(2-ethylhexyl)phthalate	13.74	149	411039	43.06	nq	# 97
84) Di-n-octyl phthalate	14.34	149	721778	49.75	nq	99
85) Indeno(1,2,3-cd)pyrene	16.30	276	406194	44.89	nq	# 94
87) Benzo(b)fluoranthene	14.74	252	878449	63.17	nq	# 95
88) Benzo(k)fluoranthene	14.74	252	878449	67.79	nq	99
89) Benzo(a)pyrene	15.03	252	439433	36.27	nq	98
90) Dibenzo(a,h)anthracene	16.32	278	343727	36.41	nq	99
91) Benzo(g,h,i)perylene	16.66	276	323438	33.77	nq	# 87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

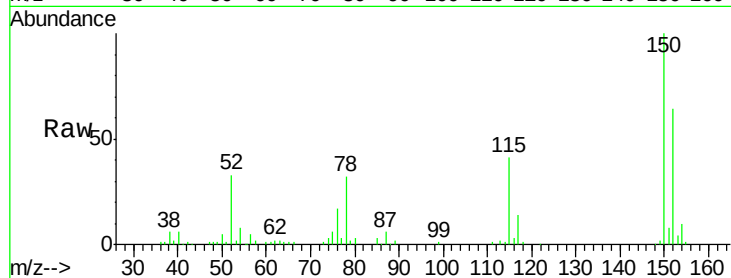
Tot Ion:152 Resp: 60660

Ion Ratio Lower Upper

152 100

150 157.2 123.8 185.6

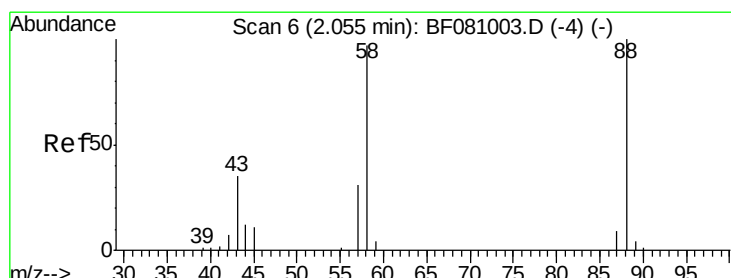
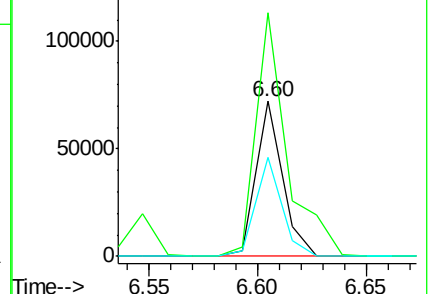
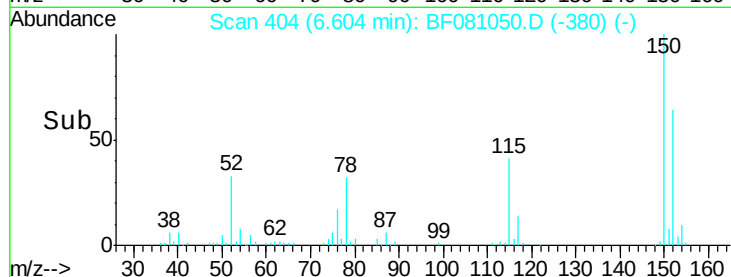
115 64.3 52.1 78.1



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



#2

1,4-Dioxane

Concen: 25.21 ng

RT: 2.07 min Scan# 7

Delta R.T. 0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

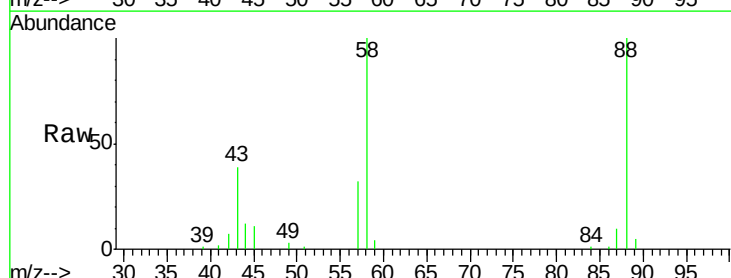
Tgt Ion: 88 Resp: 47917

Ion Ratio Lower Upper

88 100

58 105.4 83.7 125.5

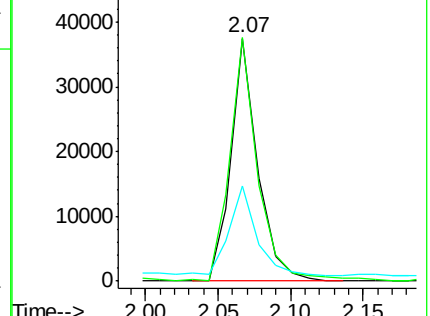
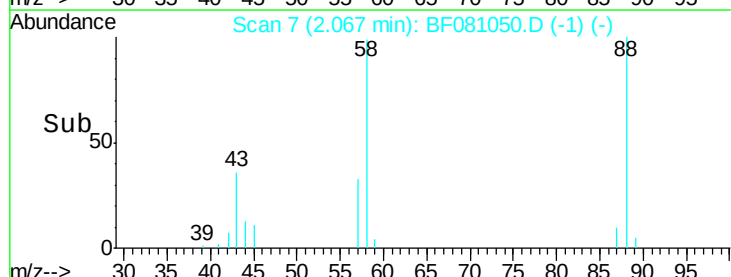
43 37.7 37.5 56.3

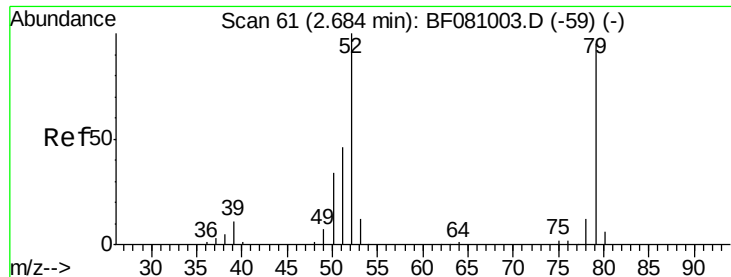


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.68 ng

RT: 2.70 min Scan# 62

Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

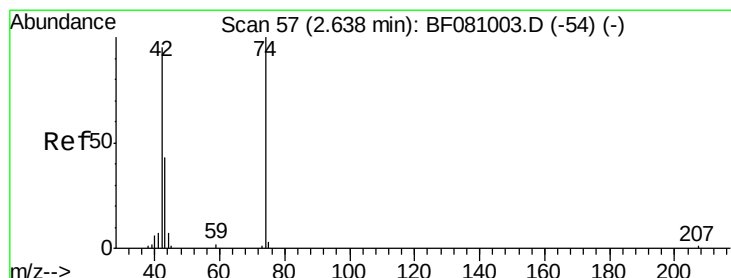
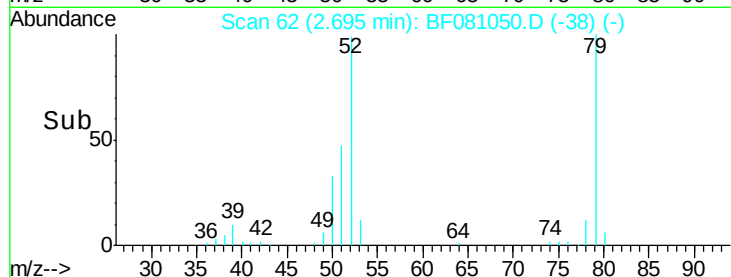
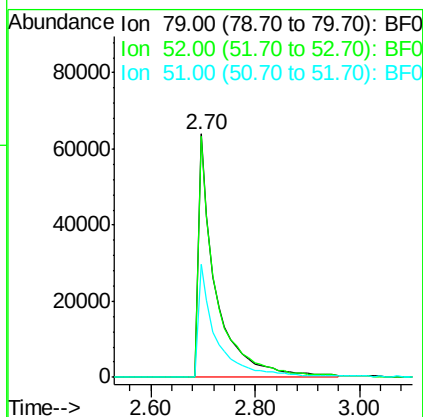
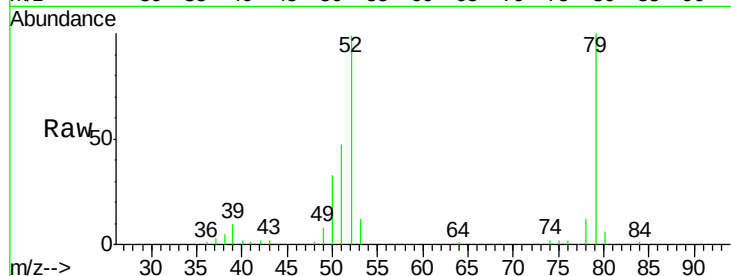
Tot Ion: 79 Resp: 148501

Ion Ratio Lower Upper

79 100

52 98.9 95.1 142.7

51 46.6 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 31.66 ng

RT: 2.64 min Scan# 57

Delta R.T. 0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

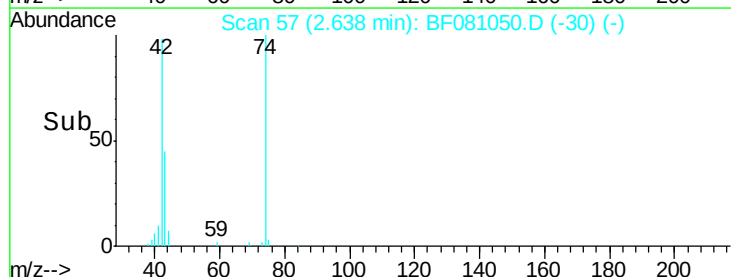
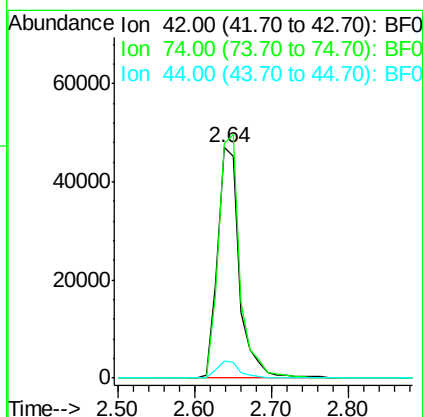
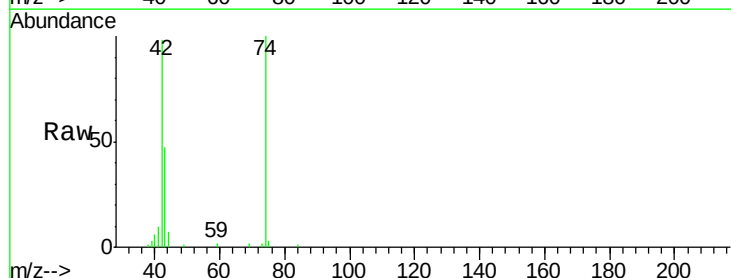
Tgt Ion: 42 Resp: 94550

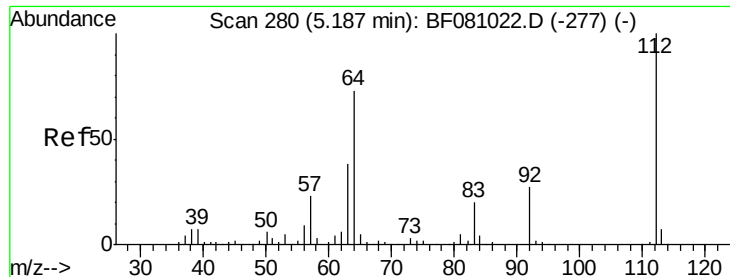
Ion Ratio Lower Upper

42 100

74 101.8 69.3 103.9

44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 112.15 ng

RT: 5.19 min Scan# 280

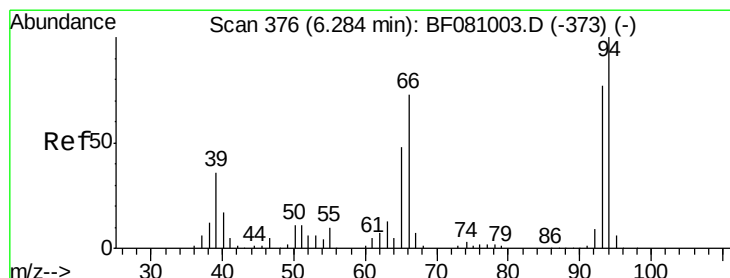
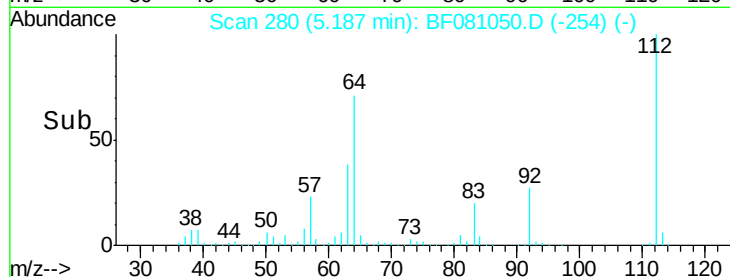
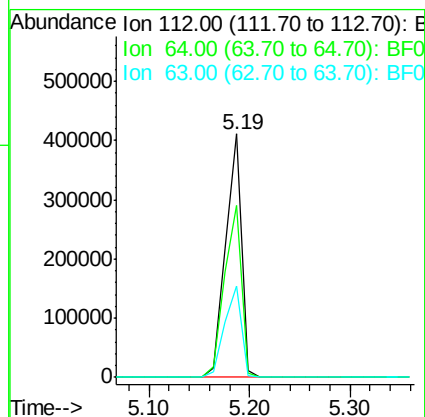
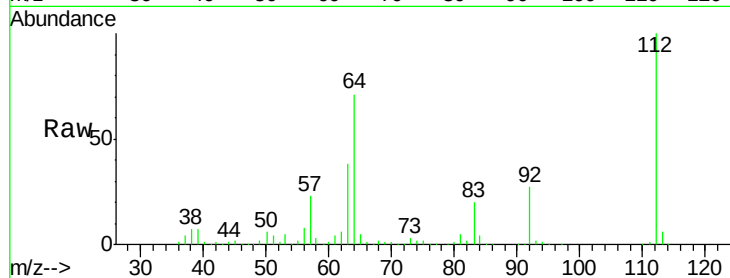
Delta R.T. 0.00 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:112	Resp:	452303
Ion Ratio	Lower	Upper
112	100	
64	70.6	66.9 100.3
63	37.7	38.1 57.1#



#6

Aniline

Concen: 22.60 ng

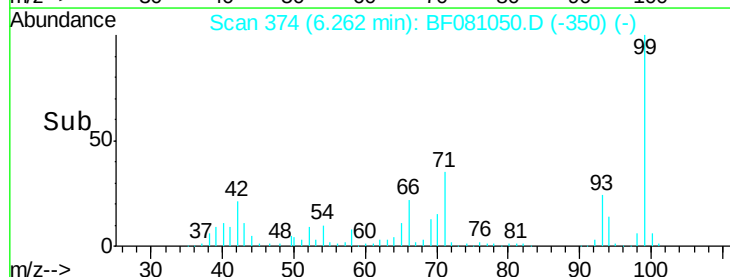
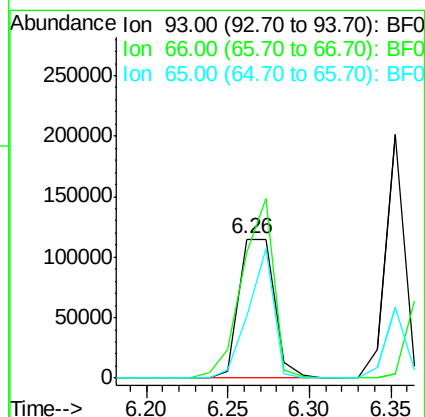
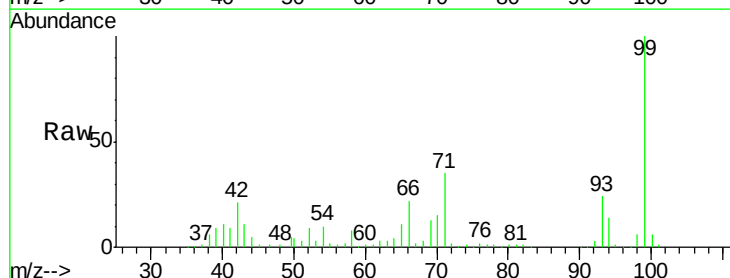
RT: 6.26 min Scan# 374

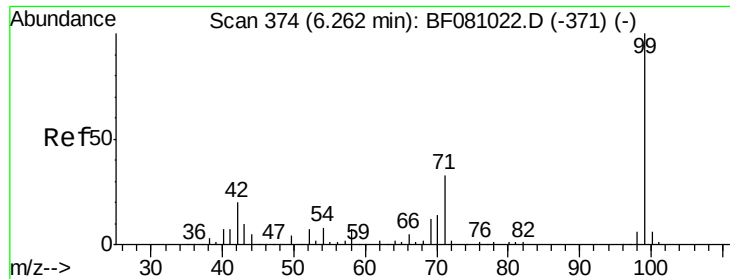
Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Tgt Ion: 93	Resp:	172902
Ion Ratio	Lower	Upper
93	100	
66	90.6	35.6 53.4#
65	44.3	18.7 28.1#





#7

Phenol-d6

Concen: 116.73 ng

RT: 6.26 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

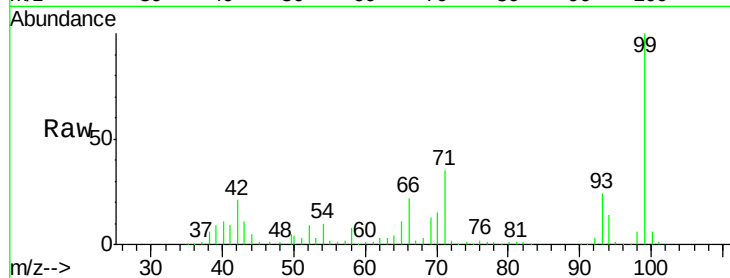
Tot Ion: 99 Resp: 614241

Ion Ratio Lower Upper

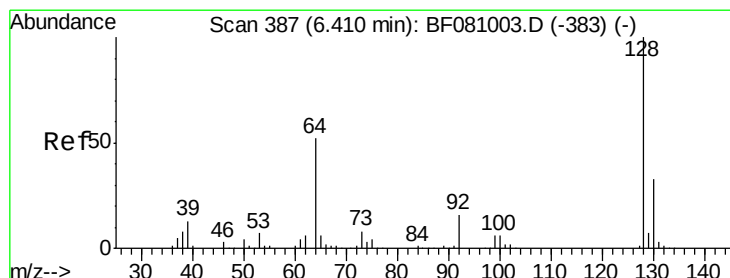
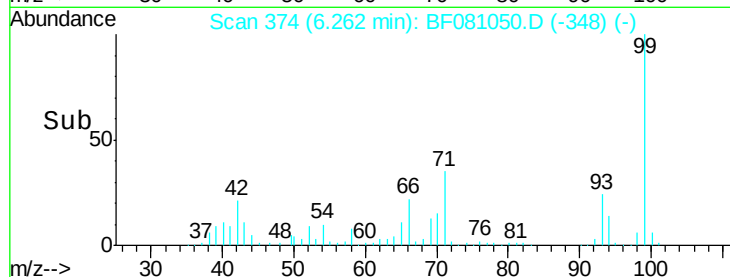
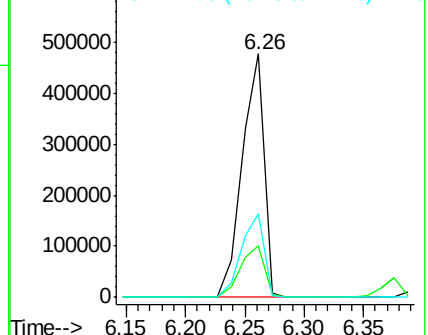
99 100

42 21.0 19.6 29.4

71 34.5 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: 32.94 ng

RT: 6.39 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

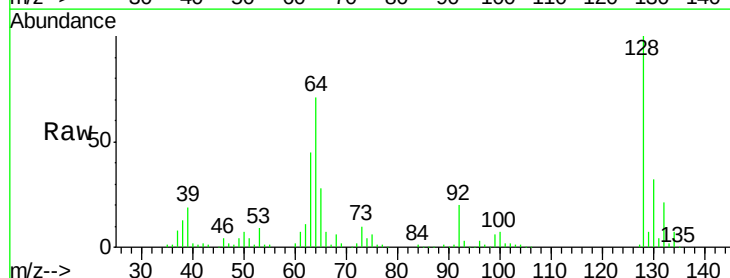
Tgt Ion: 128 Resp: 145395

Ion Ratio Lower Upper

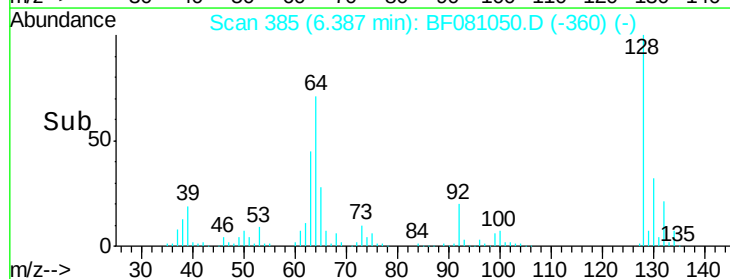
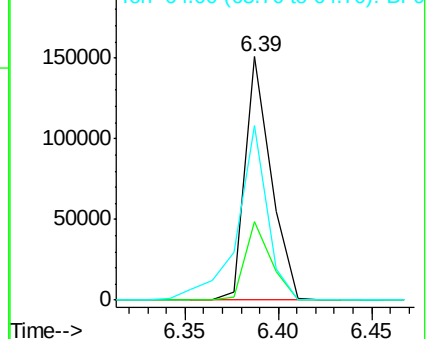
128 100

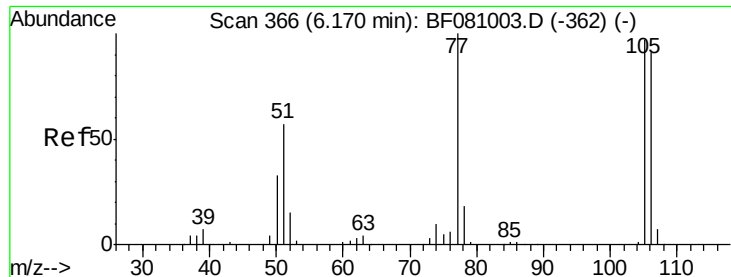
130 32.2 12.5 52.5

64 71.5 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: 19.21 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampled :

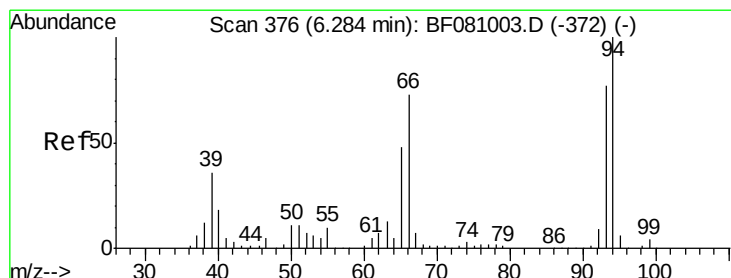
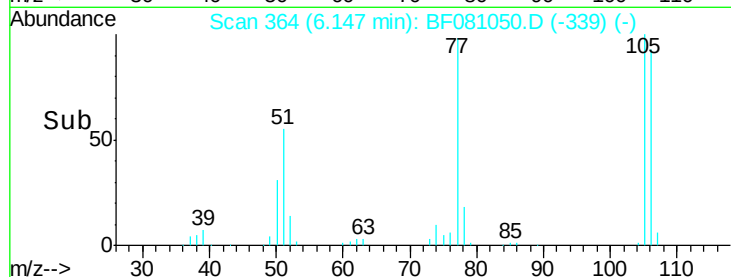
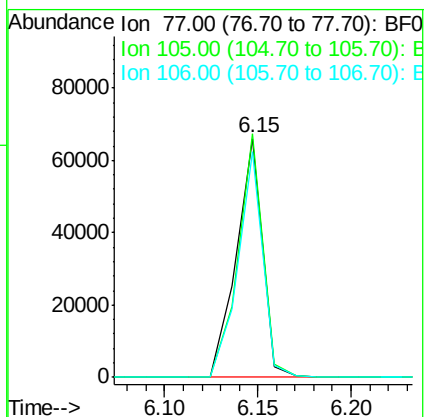
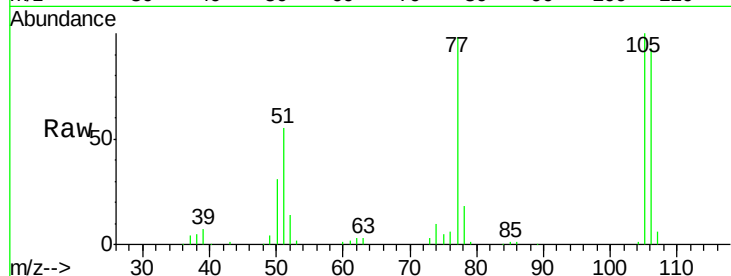
Tot Ion: 77 Resp: 65158

Ion Ratio Lower Upper

77 100

105 101.9 69.6 109.6

106 94.5 64.0 104.0



#10

Phenol

Concen: 40.18 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

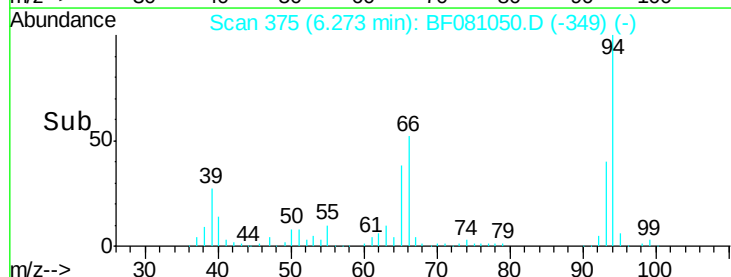
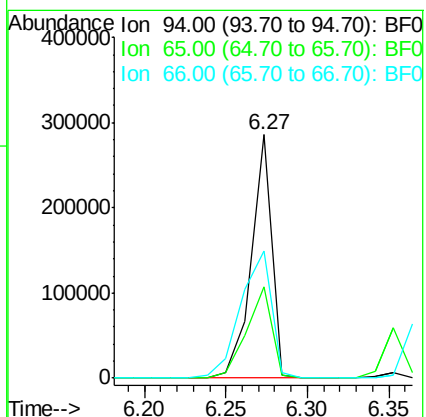
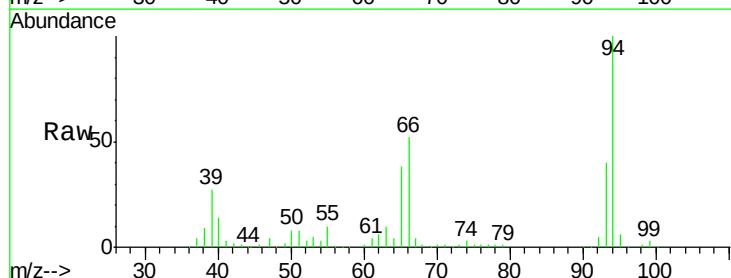
Tgt Ion: 94 Resp: 249711

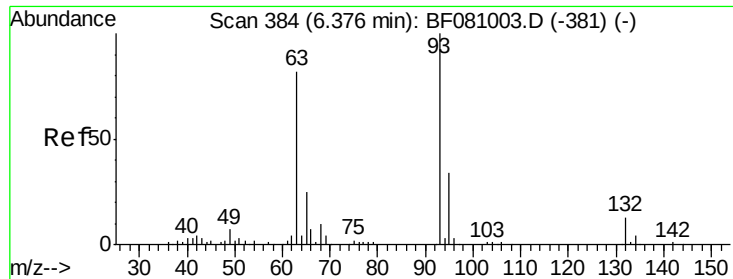
Ion Ratio Lower Upper

94 100

65 37.6 28.4 68.4

66 52.1 52.3 92.3#

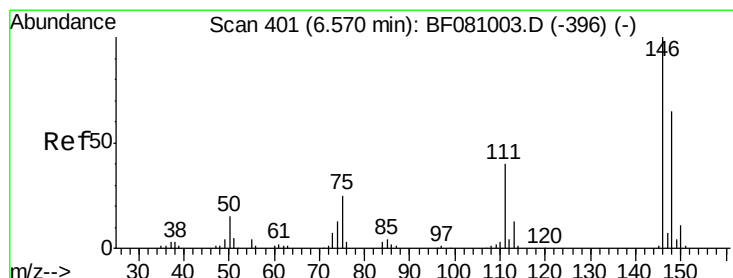
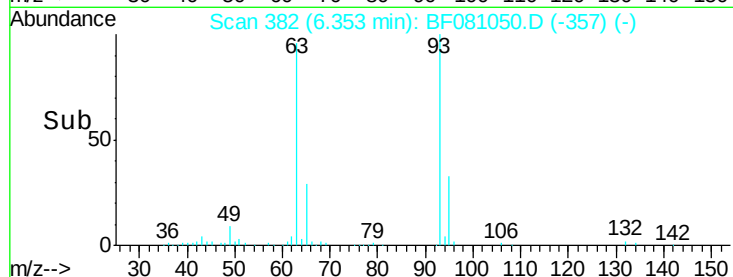
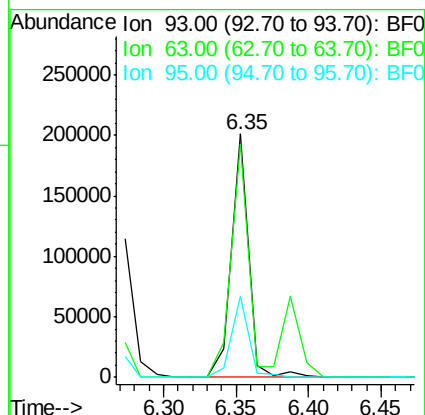
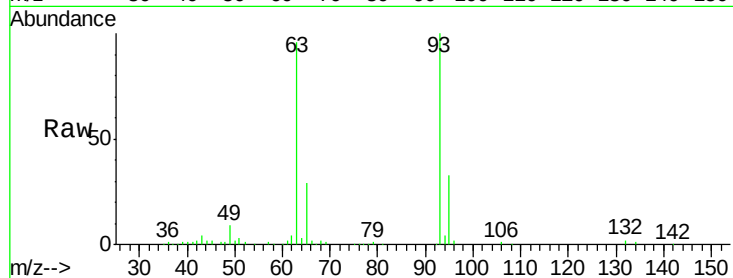




#11
bis(2-Chloroethyl)ether
Concen: 34.88 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

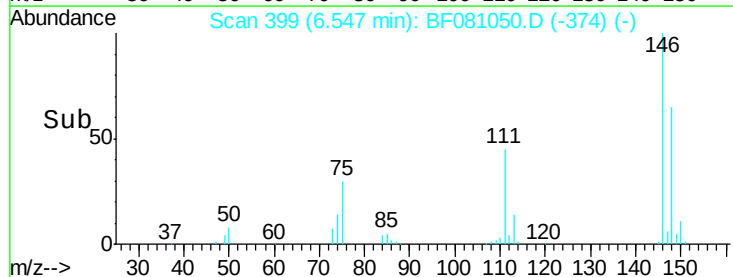
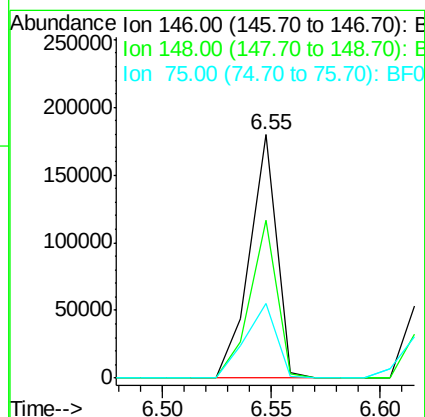
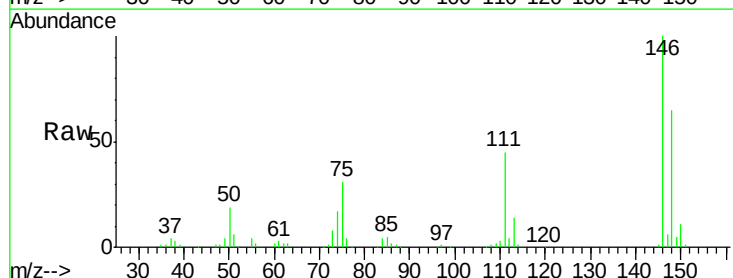
Instrument :
BNA_F
ClientSampleId :

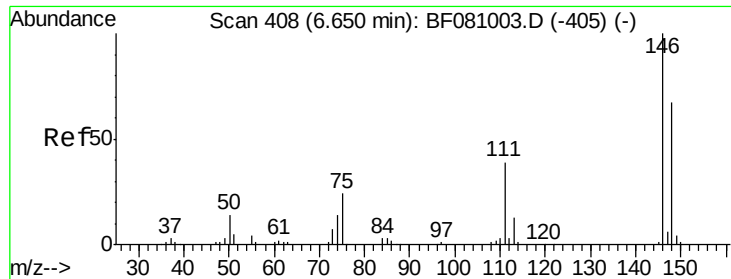
Tot Ion: 93 Resp: 166341
Ion Ratio Lower Upper
93 100
63 95.9 69.6 109.6
95 33.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 33.01 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Tgt Ion: 146 Resp: 156587
Ion Ratio Lower Upper
146 100
148 64.6 53.3 79.9
75 30.6 25.0 37.6

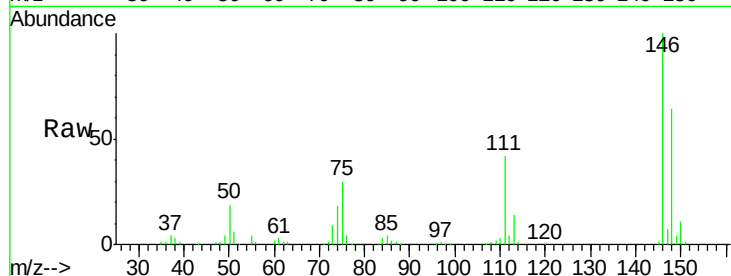




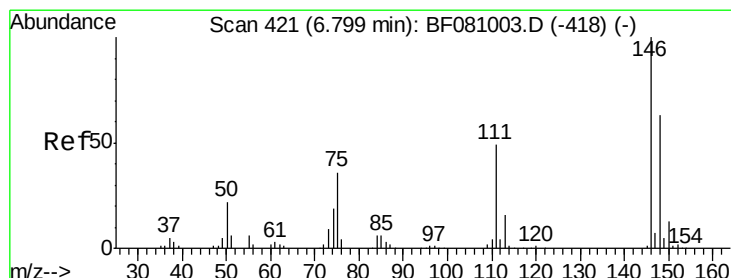
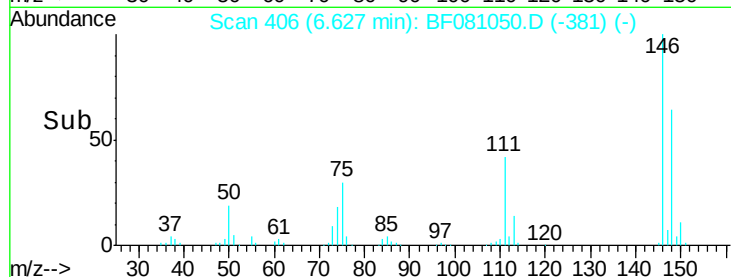
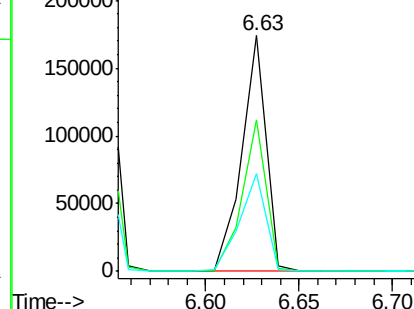
#13
 1,4-Dichlorobenzene
 Concen: 33.77 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 158600
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.3 78.5
 111 41.5 34.4 51.6

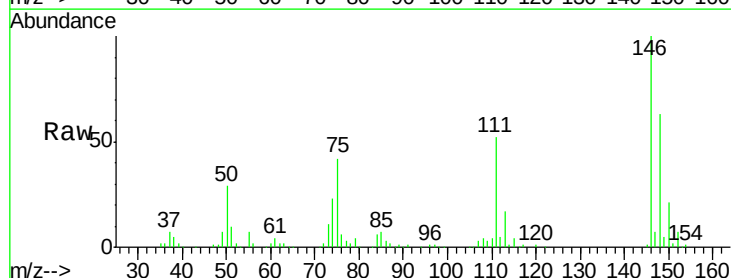


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

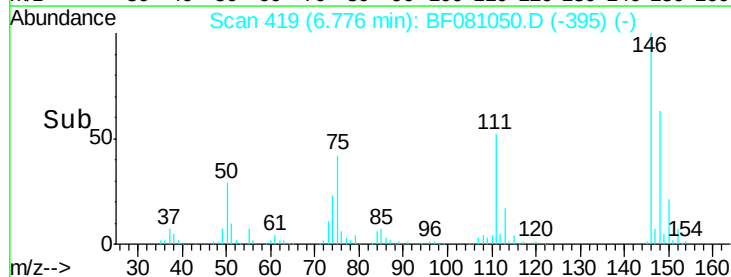
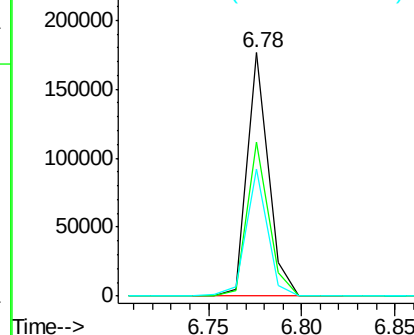


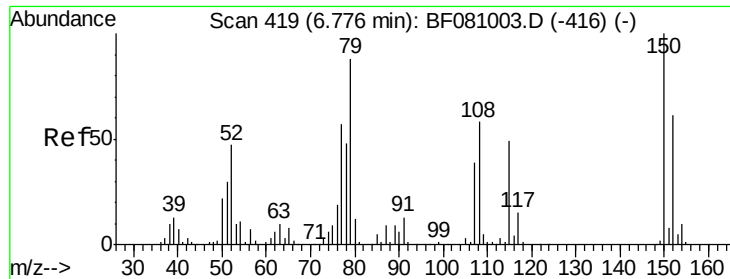
#14
 1,2-Dichlorobenzene
 Concen: 32.20 ng
 RT: 6.78 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

Tgt Ion:146 Resp: 141542
 Ion Ratio Lower Upper
 146 100
 148 63.0 48.7 73.1
 111 52.0 42.3 63.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.94 ng

RT: 6.76 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampled :

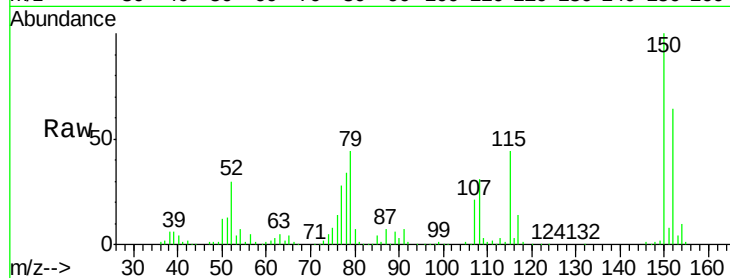
Tot Ion: 79 Resp: 157275

Ion Ratio Lower Upper

79 100

108 70.7 49.4 74.2

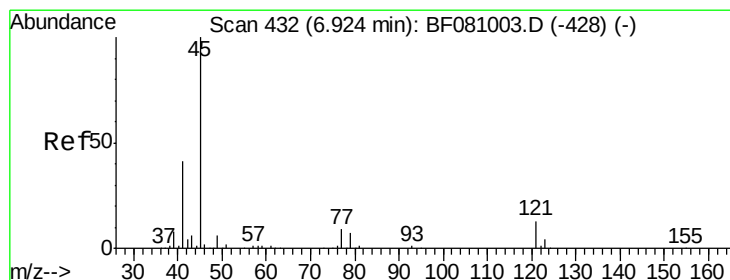
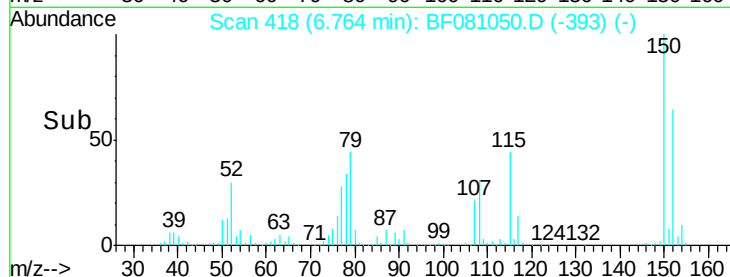
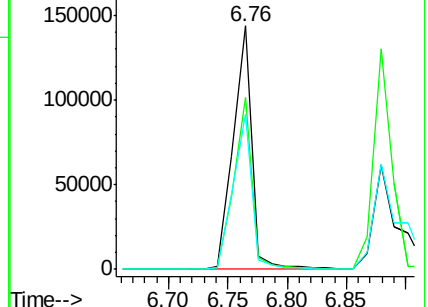
77 63.8 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.61 ng

RT: 6.90 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

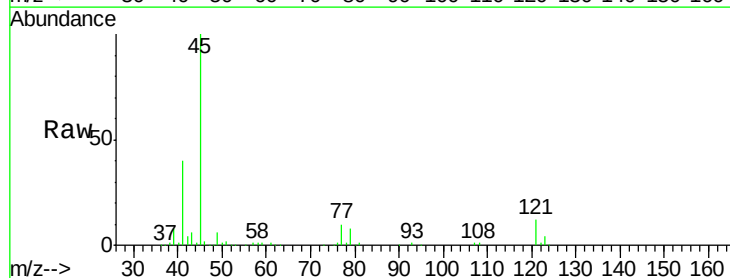
Tgt Ion: 45 Resp: 314964

Ion Ratio Lower Upper

45 100

77 9.9 0.0 30.2

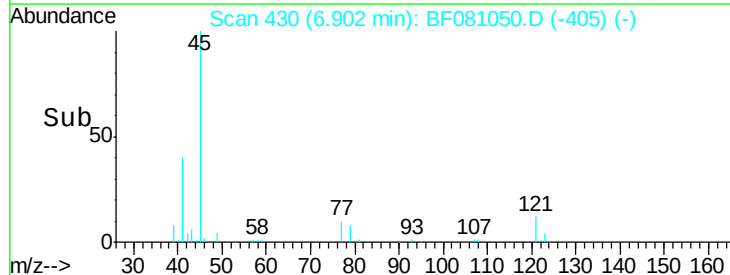
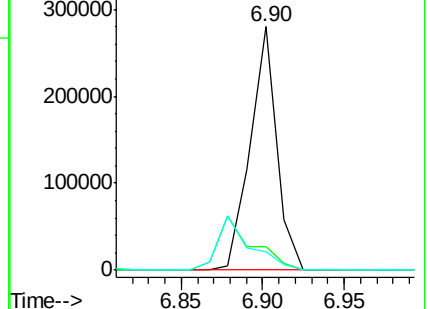
79 7.5 0.0 28.0

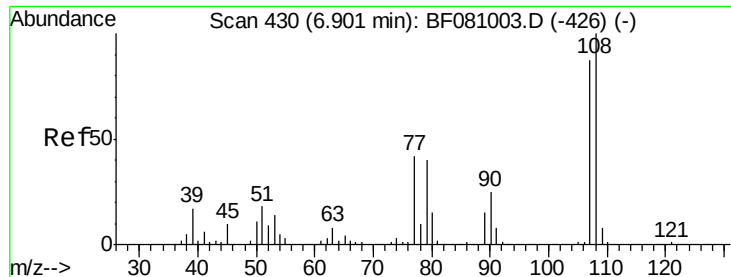


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 32.48 ng

RT: 6.88 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 123015

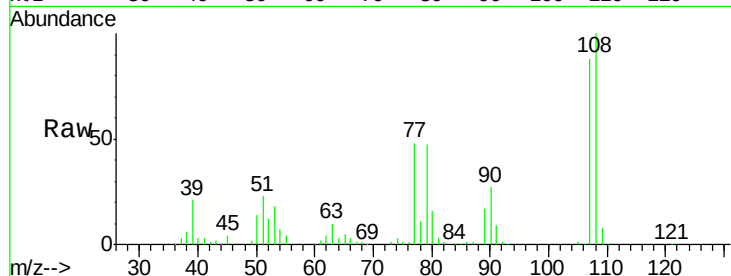
Ion Ratio Lower Upper

107 100

108 113.9 90.4 135.6

77 54.2 46.5 69.7

79 53.8 46.3 69.5

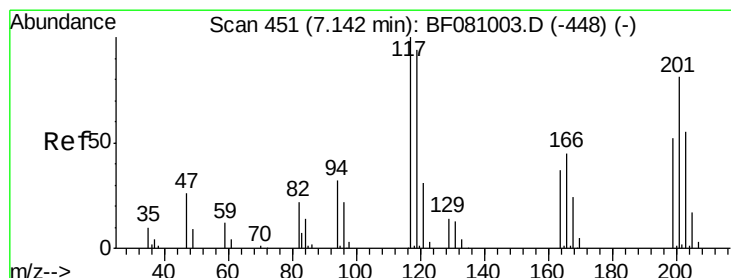
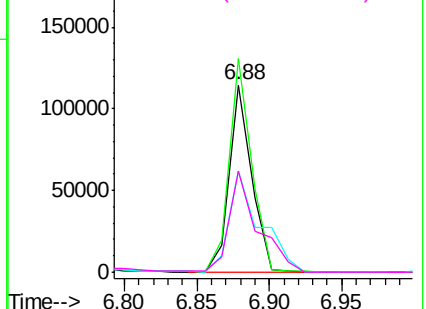
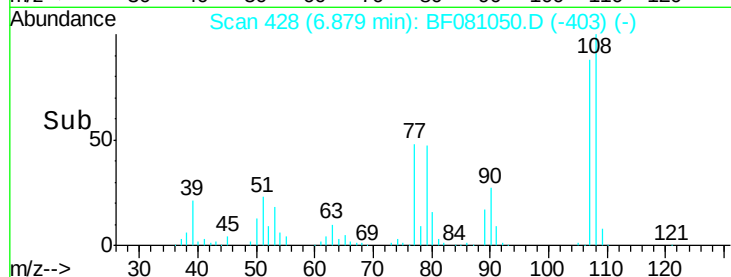


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 32.87 ng

RT: 7.12 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

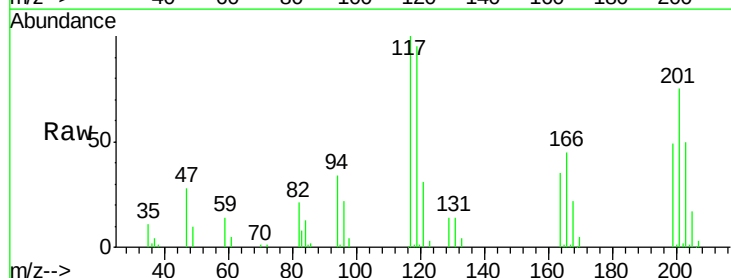
Tgt Ion:117 Resp: 62379

Ion Ratio Lower Upper

117 100

119 94.9 77.9 116.9

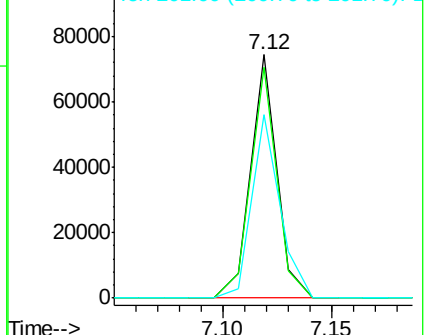
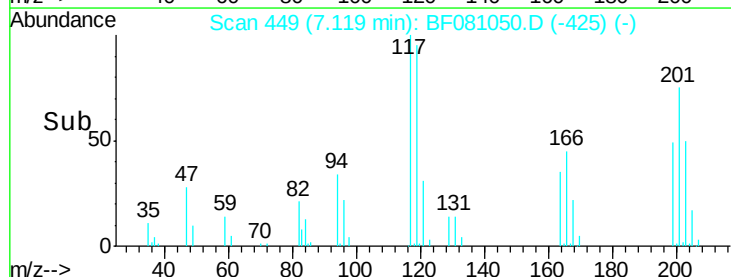
201 75.3 61.3 91.9

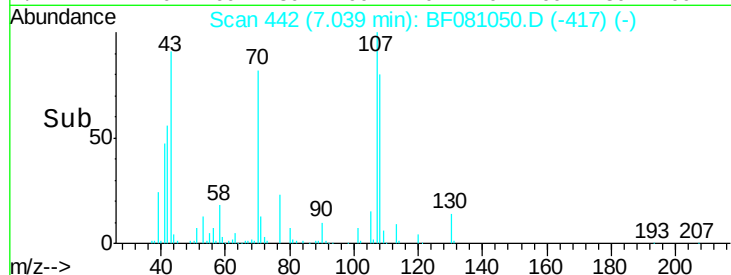
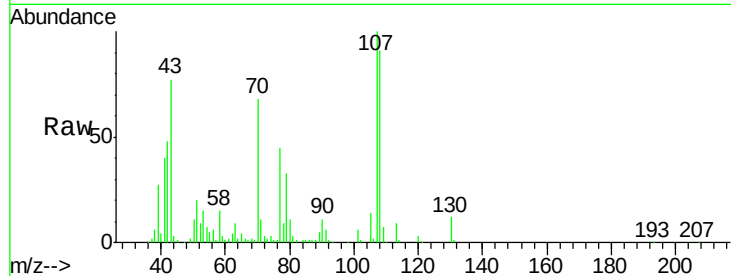
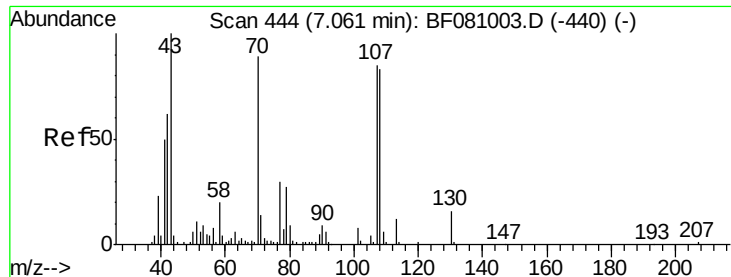


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

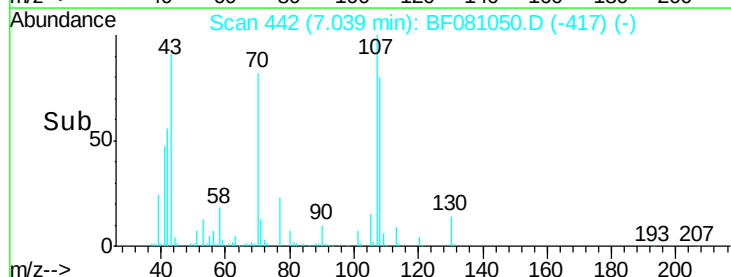
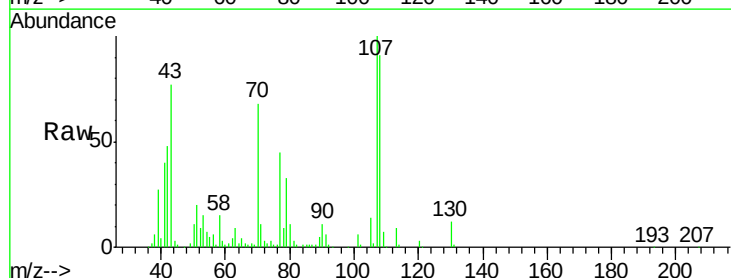
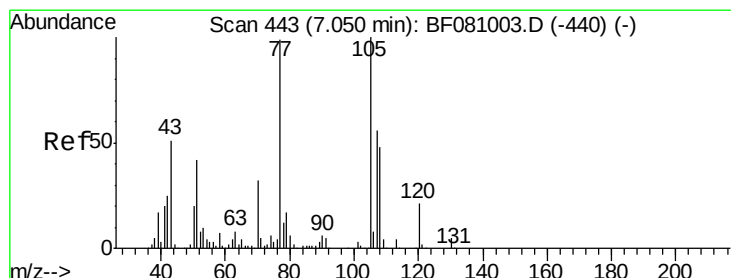
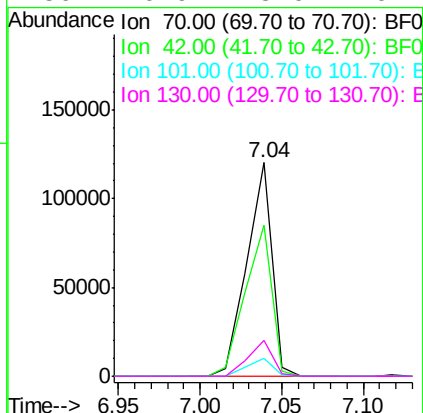




#19
n-Nitroso-di-n-propylamine
Concen: 35.38 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

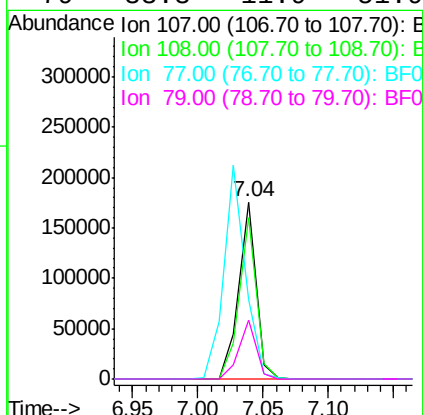
Instrument :
BNA_F
ClientSampleId :

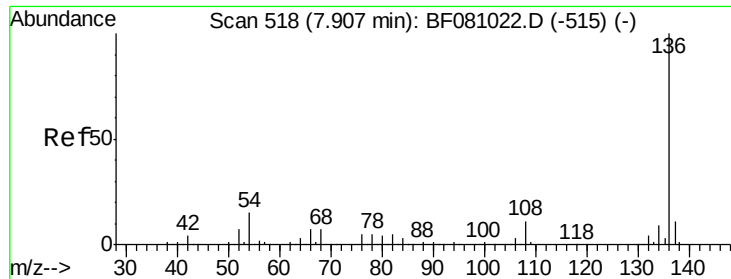
Tot Ion:	70	Resp:	128954
Ion	Ratio	Lower	Upper
70	100		
42	70.7	65.0	97.4
101	8.4	7.4	11.2
130	16.9	13.0	19.4



#20
3+4-Methylphenols
Concen: 34.00 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Tgt Ion:	107	Resp:	163465
Ion	Ratio	Lower	Upper
107	100		
108	91.0	66.1	106.1
77	44.6	139.3	179.3#
79	33.3	11.9	51.9

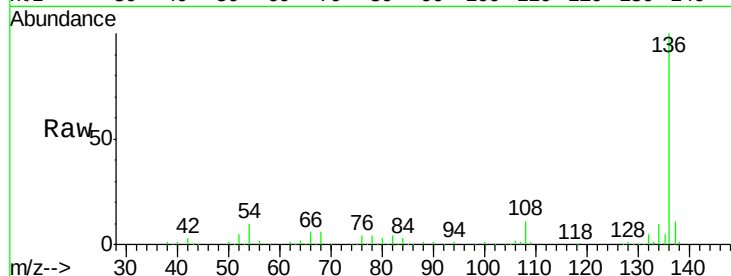




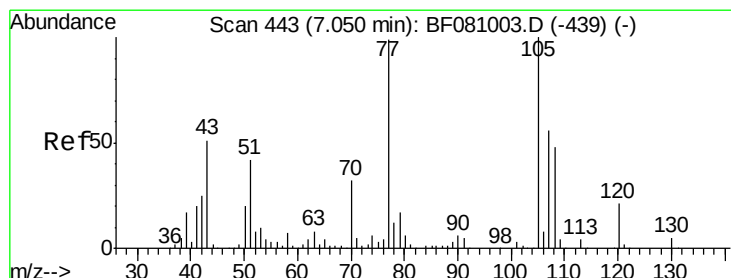
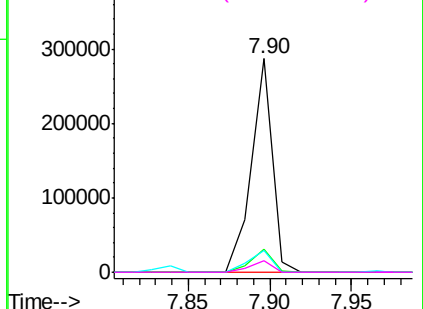
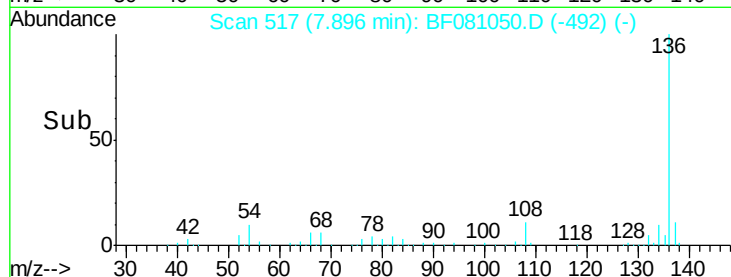
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	256080
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.2	12.2
54 10.5	7.7	11.5
68 5.6	3.4	5.2#

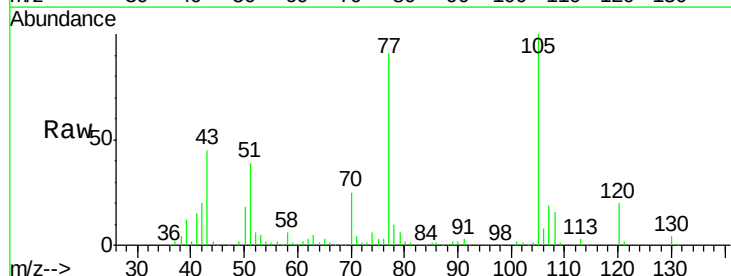


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

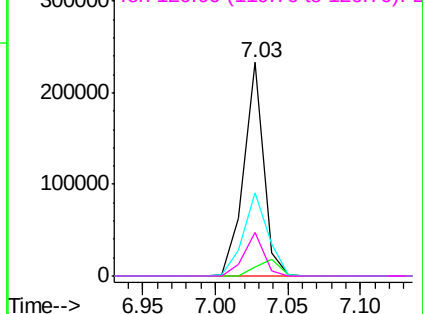
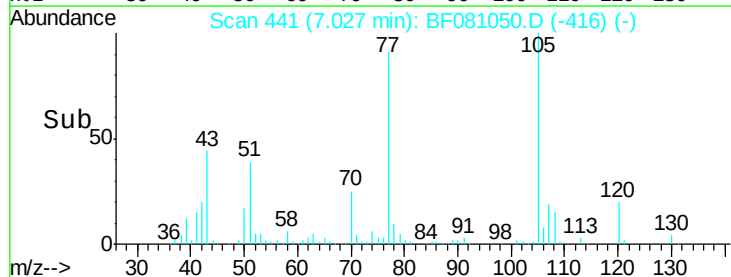


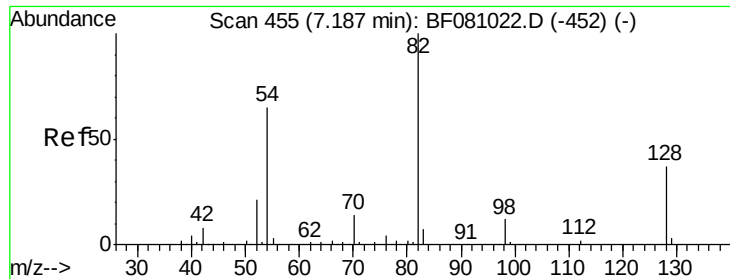
#22
Acetophenone
Concen: 32.89 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Tgt Ion:105	Resp:	221144
Ion Ratio	Lower	Upper
105 100		
71 4.0	3.0	4.6
51 39.2	39.8	59.8#
120 20.2	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

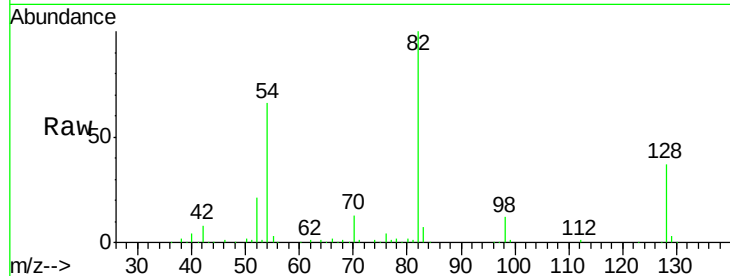




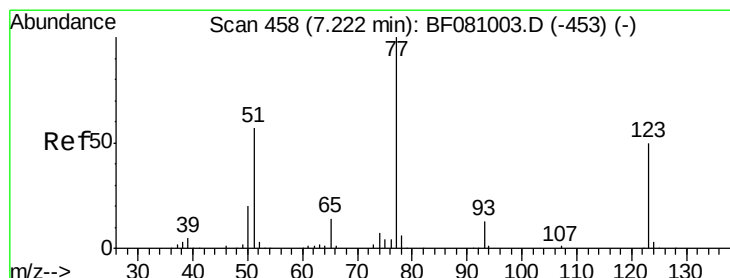
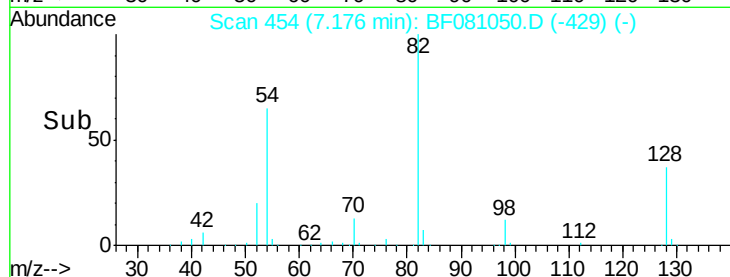
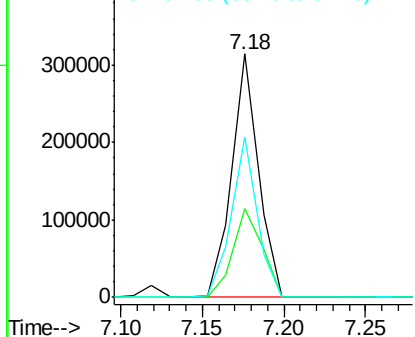
#23
Nitrobenzene-d5
Concen: 63.30 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	28.6	42.8
54	66.0	55.1	82.7

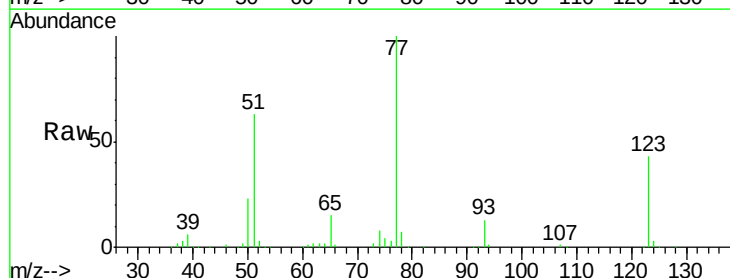


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

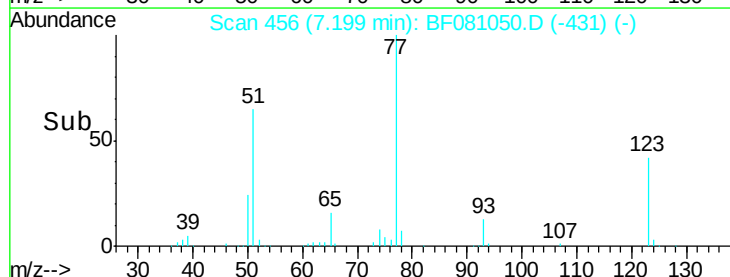
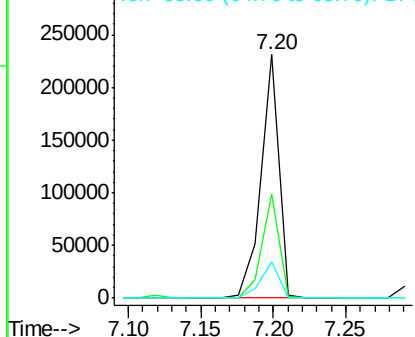


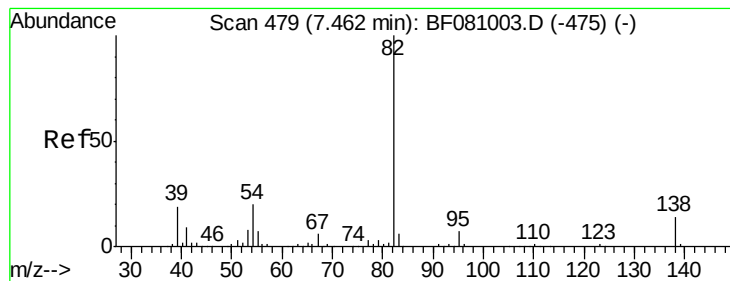
#24
Nitrobenzene
Concen: 33.89 ng
RT: 7.20 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.8	32.9	49.3
65	15.1	12.5	18.7



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





#25

Isophorone

Concen: 31.52 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

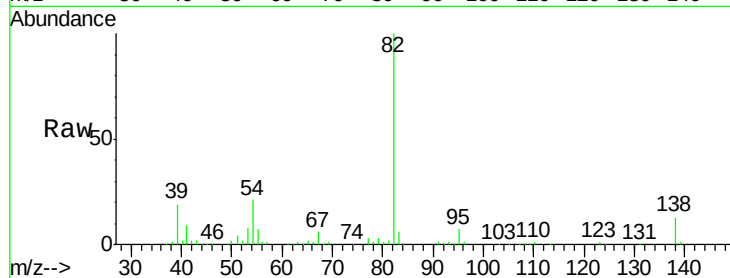
Tot Ion: 82 Resp: 329527

Ion Ratio Lower Upper

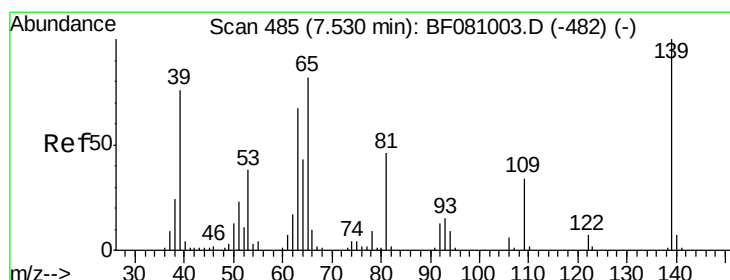
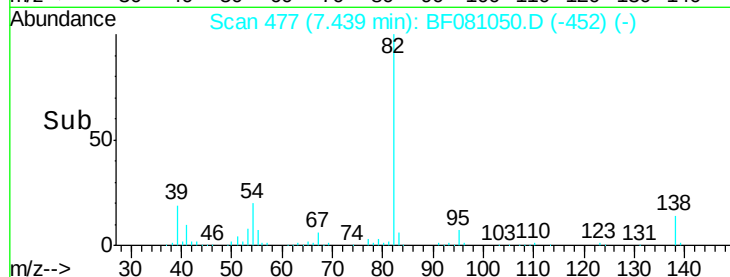
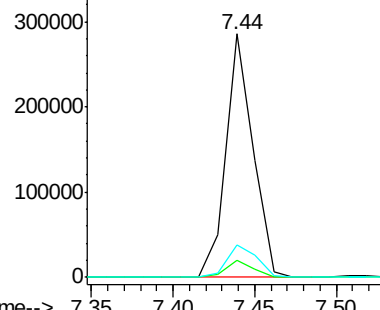
82 100

95 6.9 6.2 9.2

138 13.4 10.5 15.7



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



#26

2-Nitrophenol

Concen: 33.62 ng

RT: 7.52 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

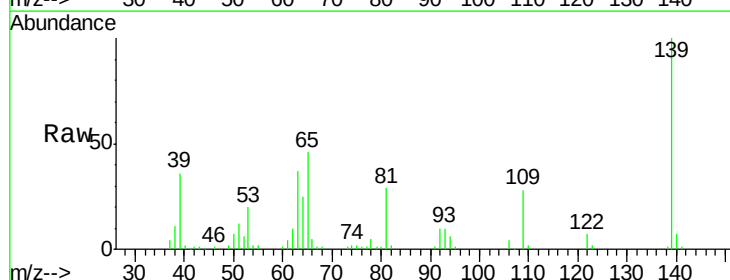
Tgt Ion: 139 Resp: 81944

Ion Ratio Lower Upper

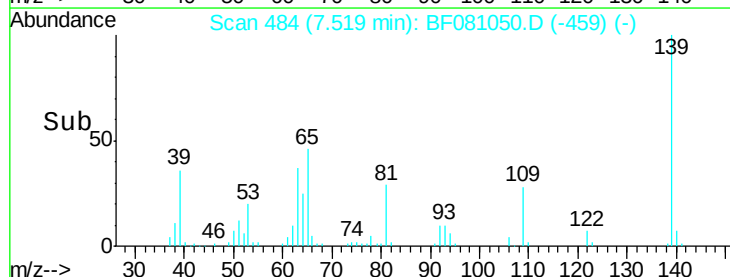
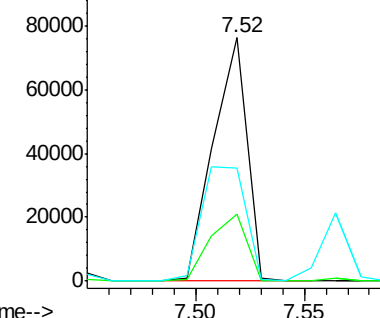
139 100

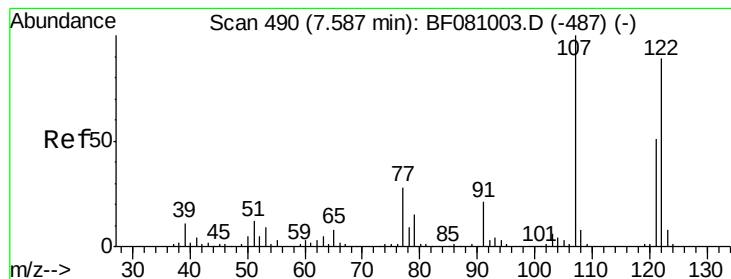
109 27.8 32.1 48.1#

65 46.4 69.9 104.9#



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





#27

2,4-Dimethylphenol

Concen: 35.00 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

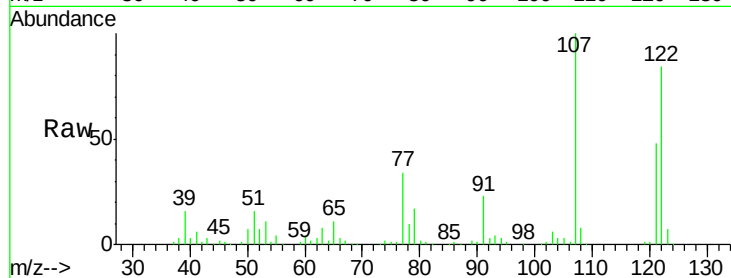
Tot Ion:122 Resp: 150945

Ion Ratio Lower Upper

122 100

107 118.8 103.8 155.6

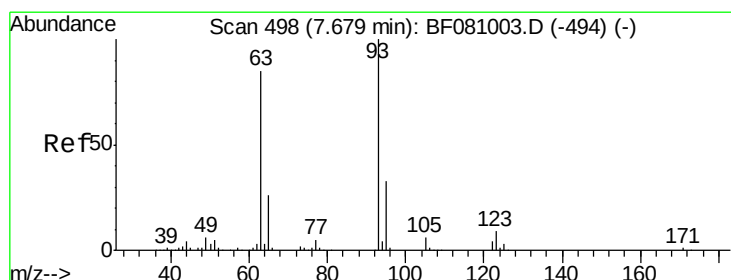
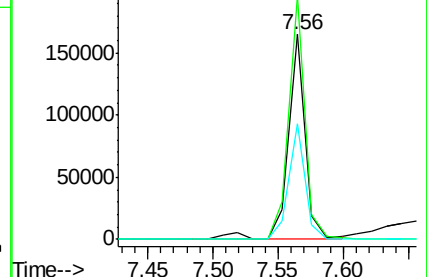
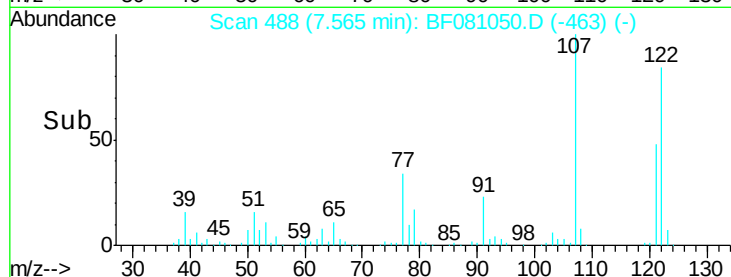
121 56.6 47.0 70.4



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: 31.12 ng

RT: 7.66 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

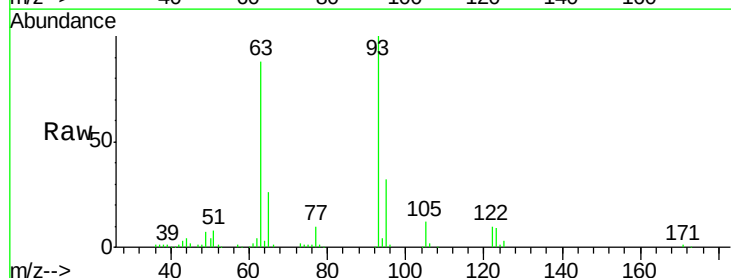
Tgt Ion: 93 Resp: 192201

Ion Ratio Lower Upper

93 100

95 31.7 25.8 38.8

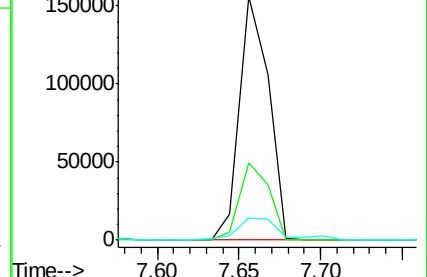
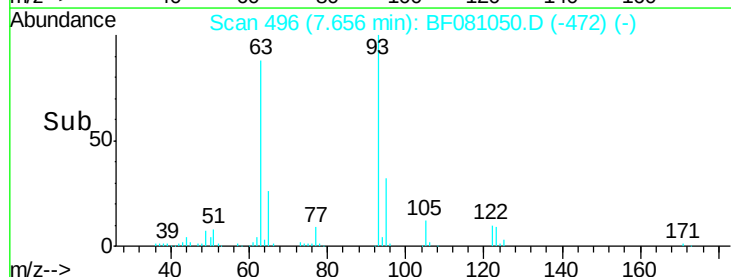
123 9.3 7.4 11.0

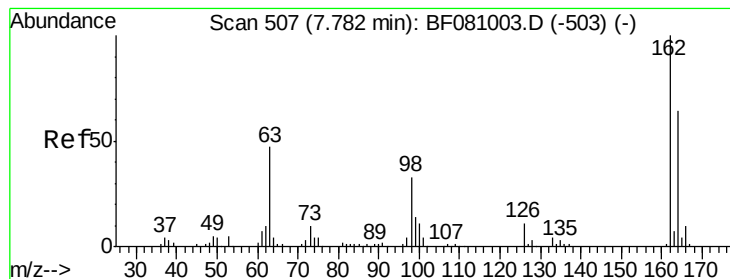


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

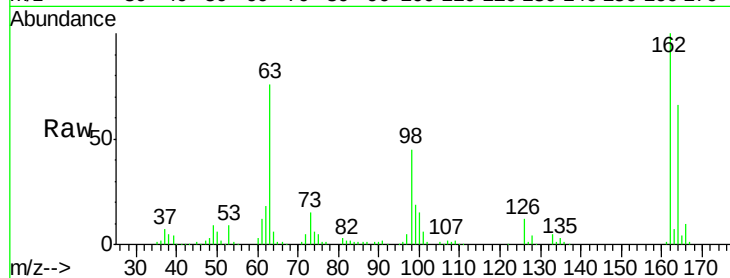




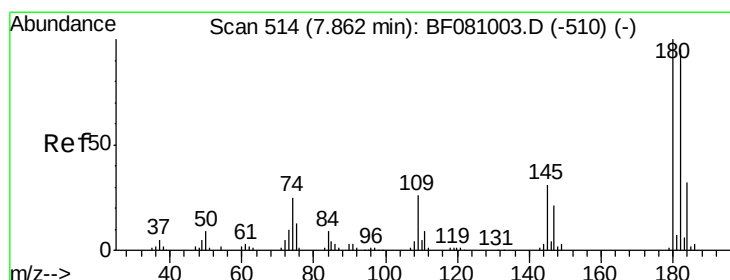
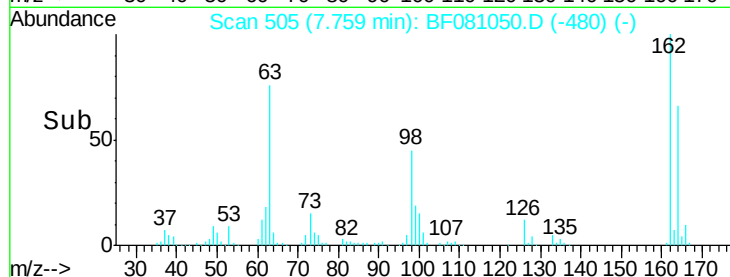
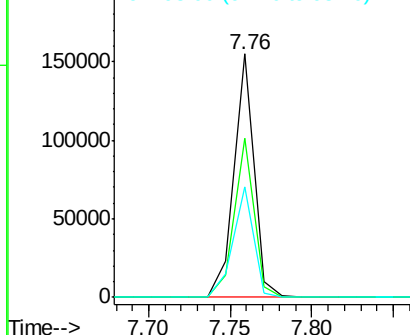
#29
 2,4-Dichlorophenol
 Concen: 35.79 ng
 RT: 7.76 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.2	83.2
98	45.4	12.3	52.3

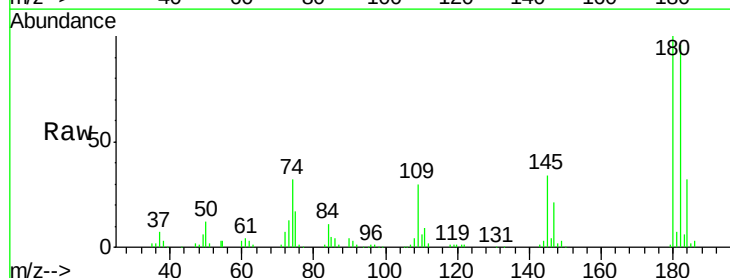


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

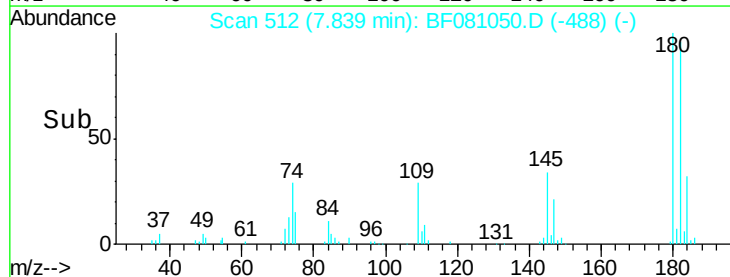
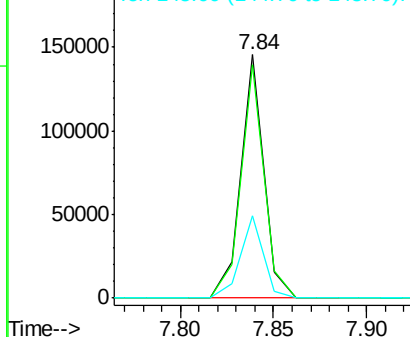


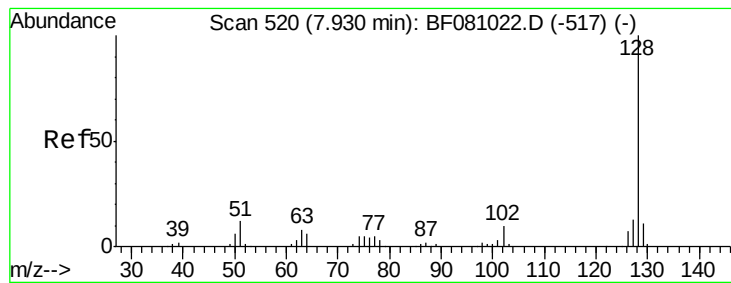
#30
 1,2,4-Trichlorobenzene
 Concen: 31.16 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.4	114.6
145	33.6	25.4	38.2



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





#31

Naphthalene

Concen: 33.15 ng

RT: 7.92 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

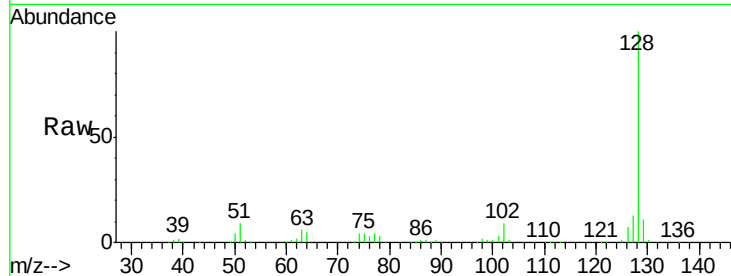
Tot Ion:128 Resp: 473187

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

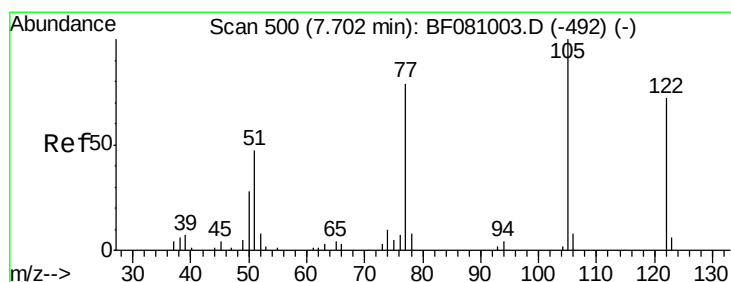
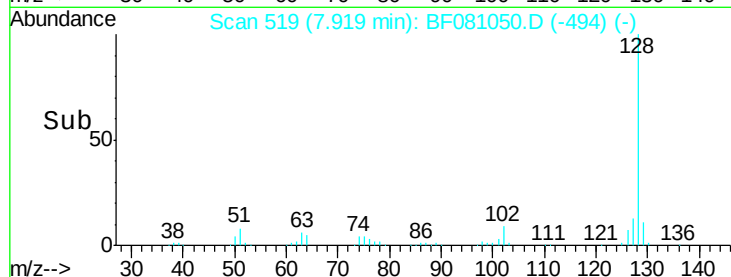
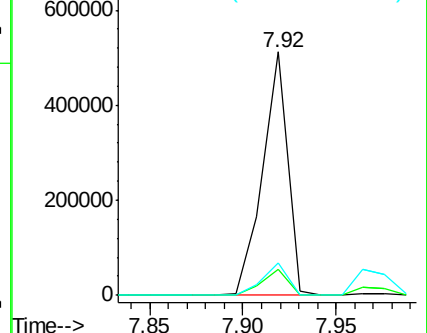
127 13.1 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.72 ng

RT: 7.70 min Scan# 500

Delta R.T. 0.05 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

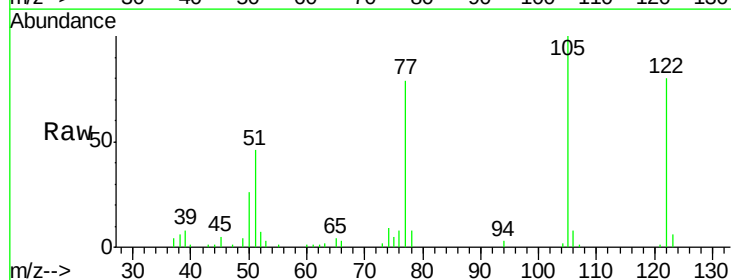
Tgt Ion:122 Resp: 108480

Ion Ratio Lower Upper

122 100

105 125.4 113.8 153.8

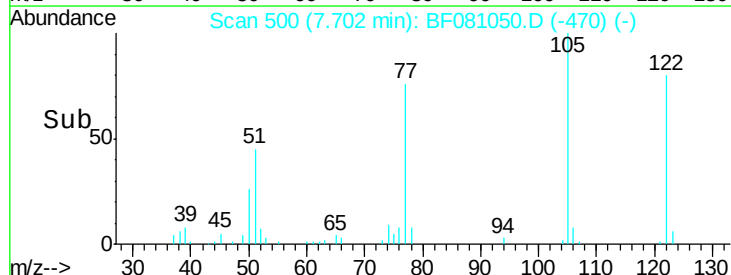
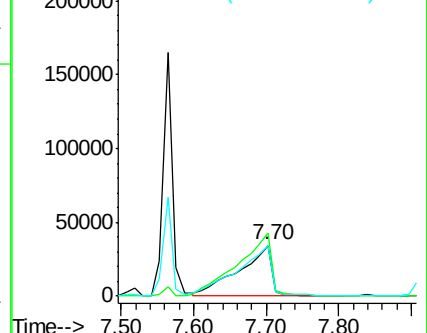
77 99.0 93.8 133.8

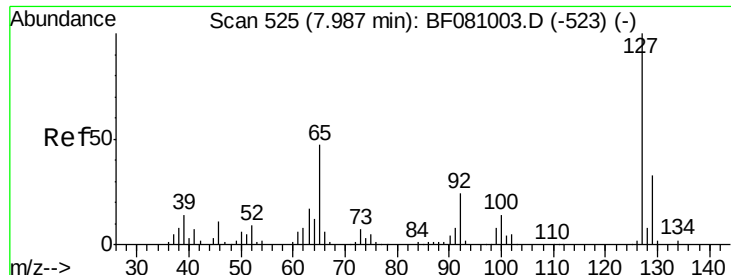


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

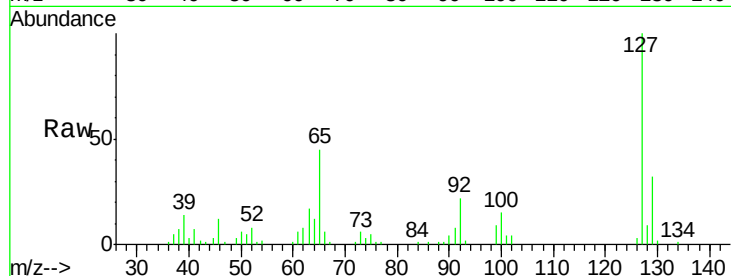




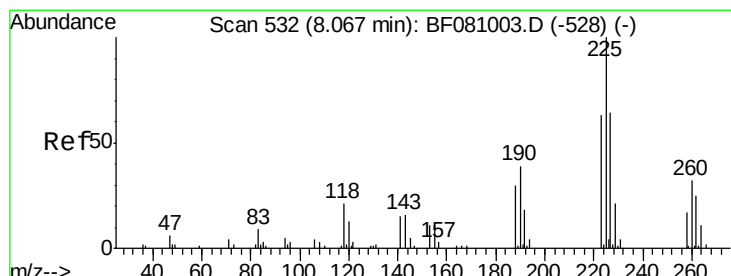
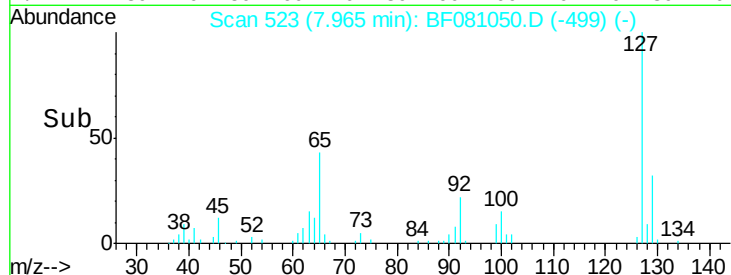
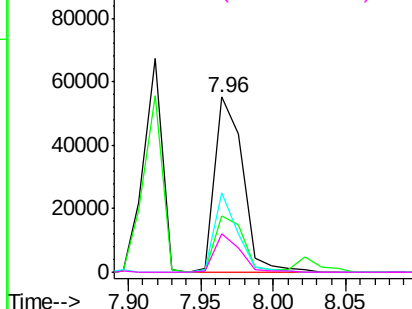
#33
4-Chloroaniline
Concen: 12.35 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	74370
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.2	37.8
65	45.3	37.8	56.6
92	22.3	19.5	29.3

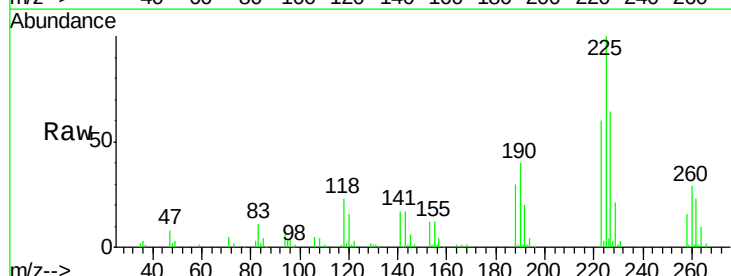


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

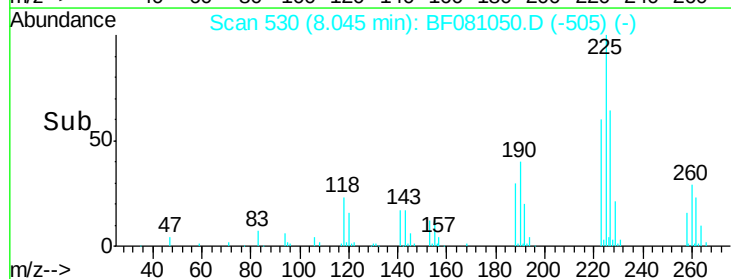
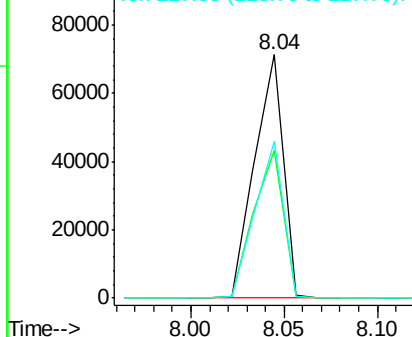


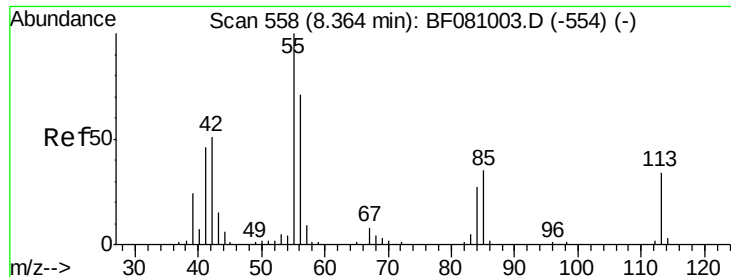
#34
Hexachlorobutadiene
Concen: 33.04 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Tgt Ion:	225	Resp:	75385
Ion	Ratio	Lower	Upper
225	100		
223	60.5	52.6	79.0
227	64.2	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: 19.46 ng

RT: 8.34 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

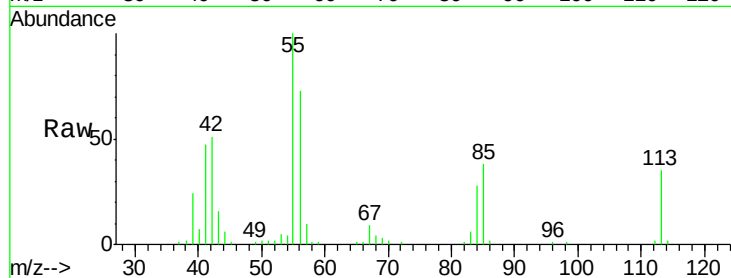
Tot Ion:113 Resp: 24697

Ion Ratio Lower Upper

113 100

55 285.1 280.4 320.4

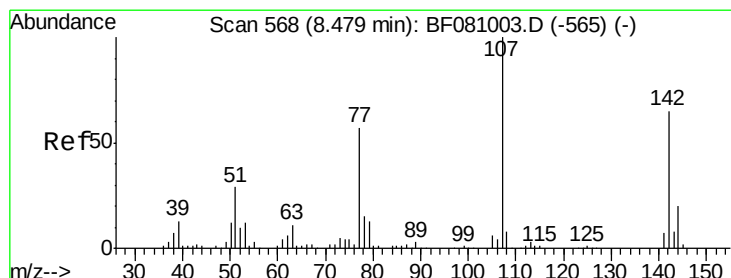
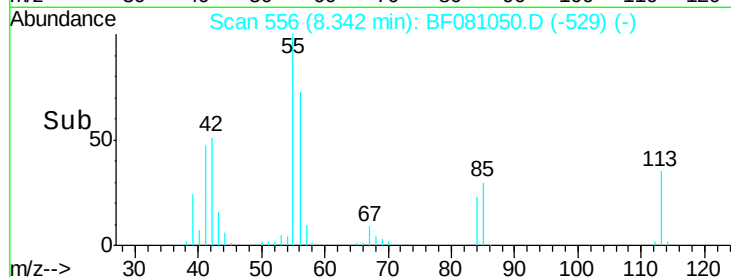
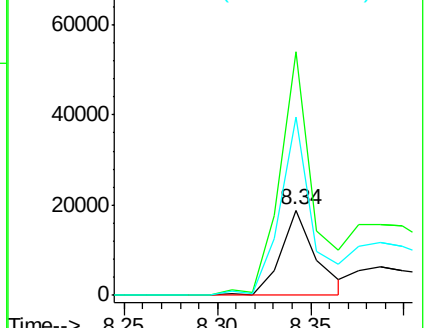
56 209.0 205.9 245.9



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: 36.91 ng

RT: 8.47 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

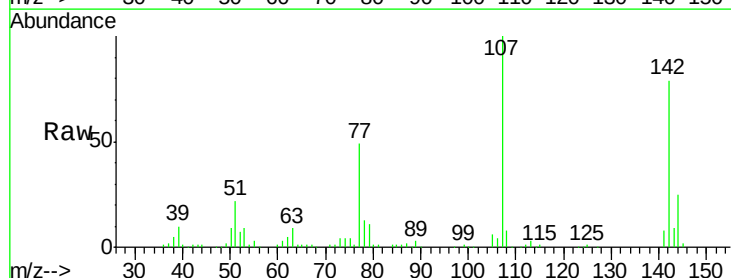
Tgt Ion:107 Resp: 159695

Ion Ratio Lower Upper

107 100

144 25.4 17.2 25.8

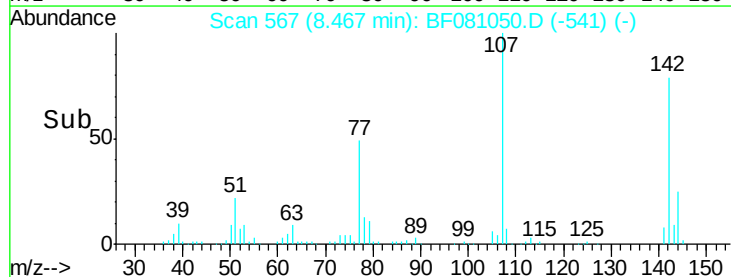
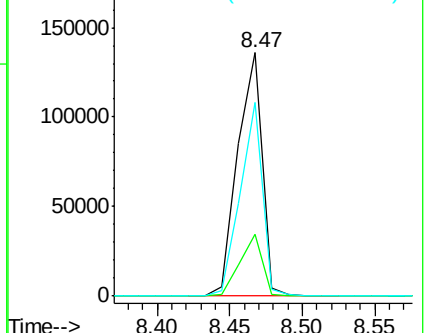
142 79.4 54.9 82.3

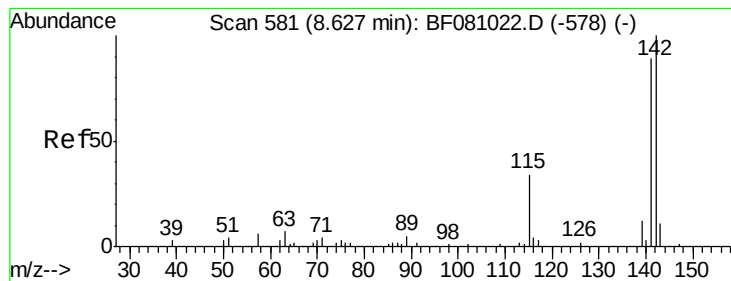


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 32.65 ng

RT: 8.60 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

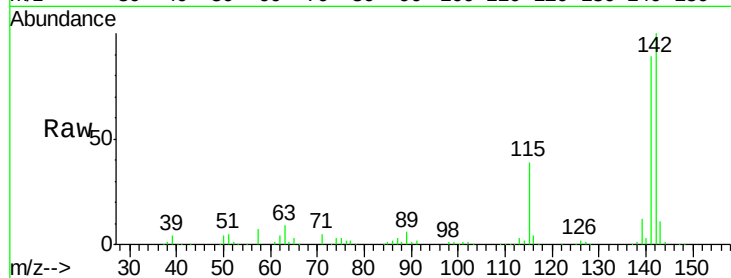
Tot Ion:142 Resp: 294386

Ion Ratio Lower Upper

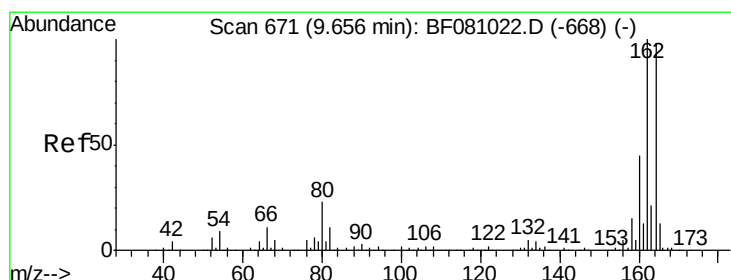
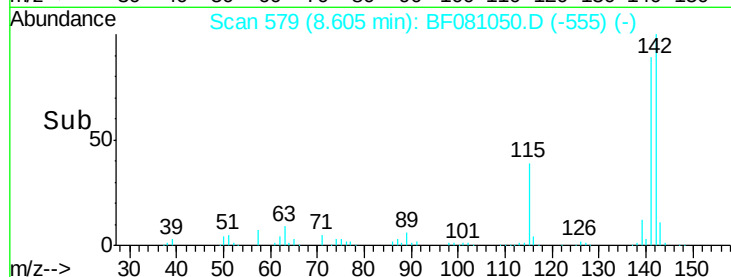
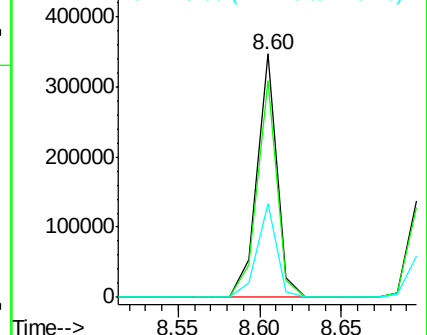
142 100

141 88.8 71.4 107.2

115 38.6 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: BF081050.D

Acq: 18 Aug 2015 19:15

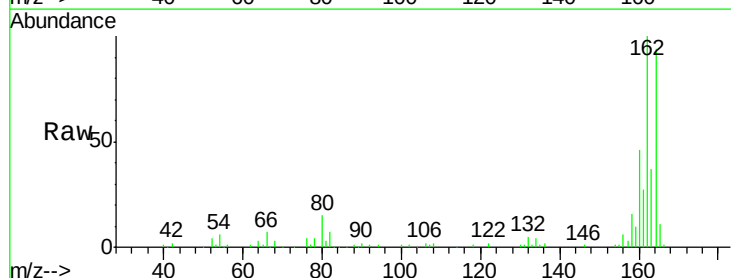
Tgt Ion:164 Resp: 118391

Ion Ratio Lower Upper

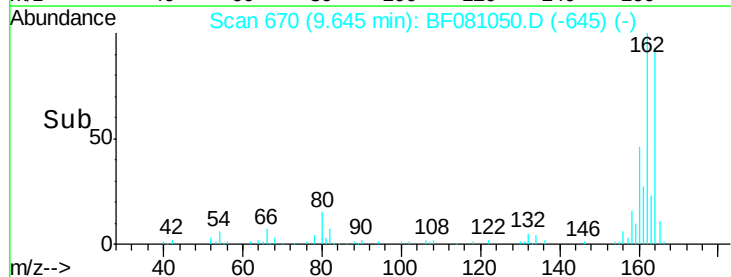
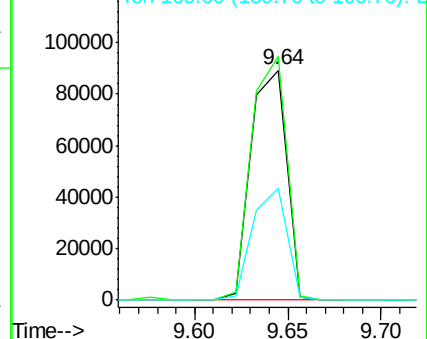
164 100

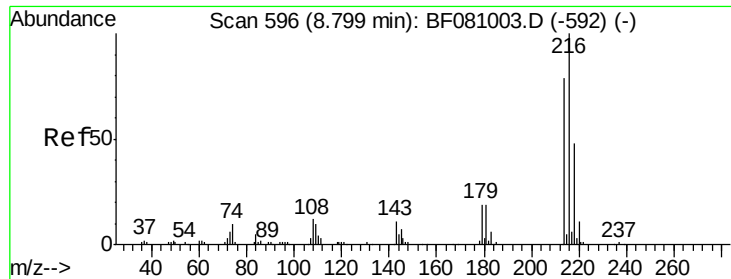
162 106.1 83.8 125.8

160 48.5 39.8 59.8



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

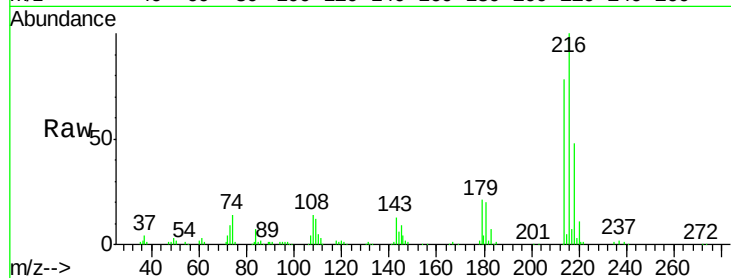




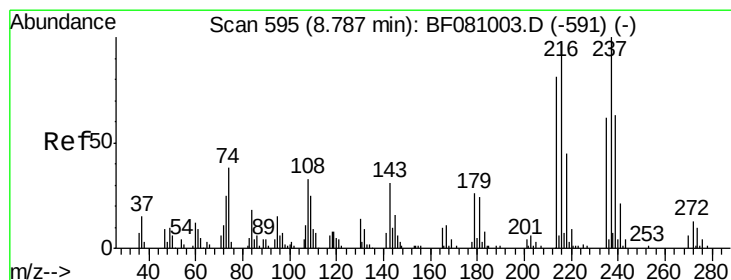
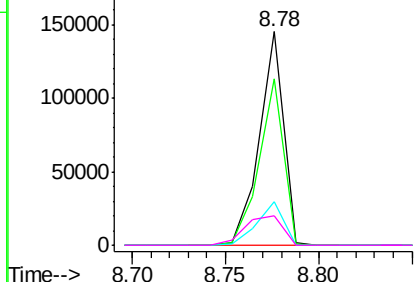
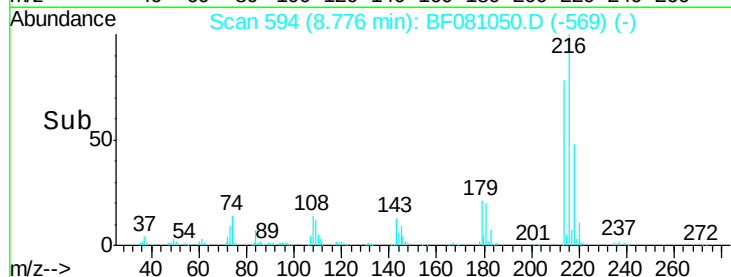
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.86 ng
 RT: 8.78 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	129333
Ion Ratio	Lower	Upper
216	100	
214	79.3	63.8 95.8
179	22.4	17.8 26.8
108	21.8	16.2 24.2

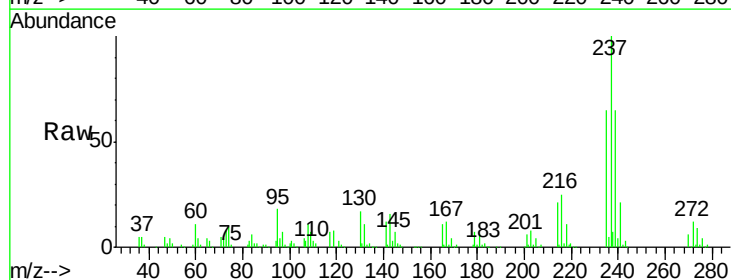


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

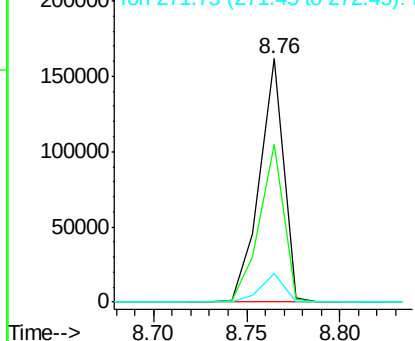
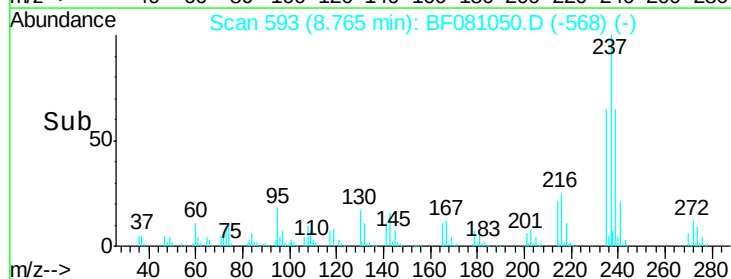


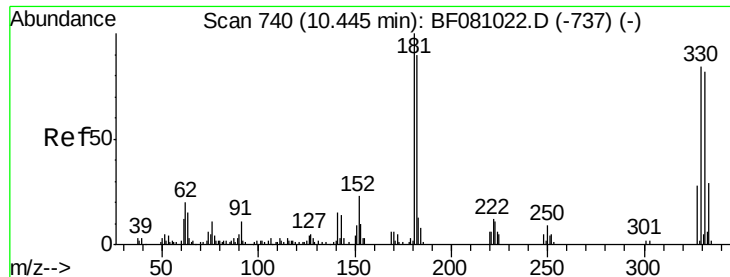
#40
 Hexachlorocyclopentadiene
 Concen: 73.16 ng
 RT: 8.76 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

Tgt Ion:237	Resp:	144643
Ion Ratio	Lower	Upper
237	100	
235	64.7	43.6 83.6
272	11.6	0.0 32.2



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





#41

2,4,6-Tribromophenol

Concen: 114.42 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampled :

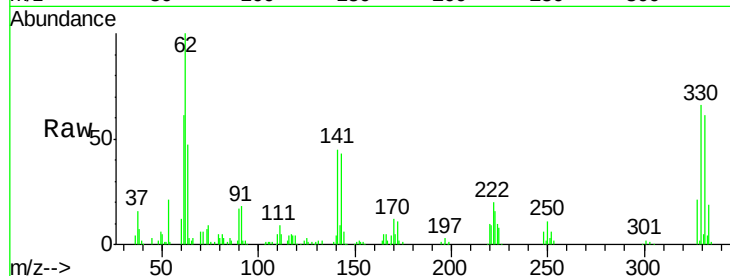
Tot Ion:330 Resp: 117422

Ion Ratio Lower Upper

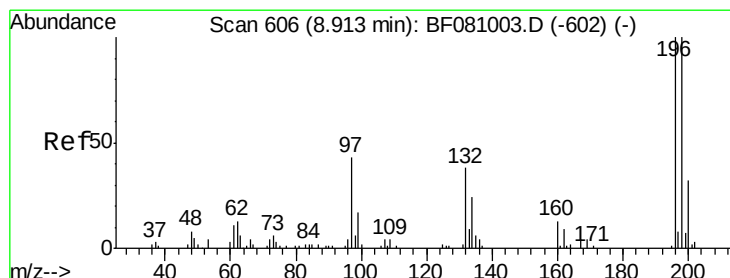
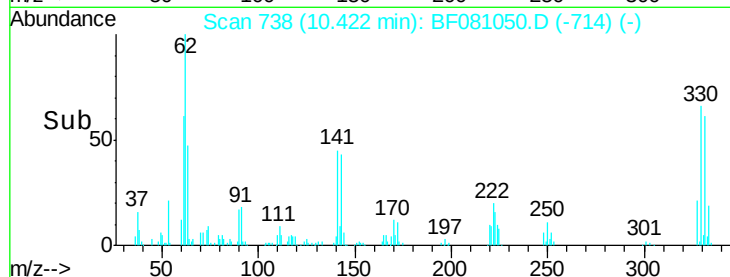
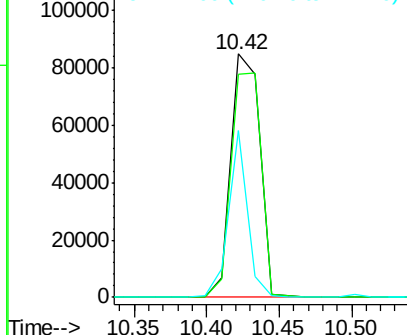
330 100

332 95.9 77.3 115.9

141 44.6 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: 36.76 ng

RT: 8.89 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

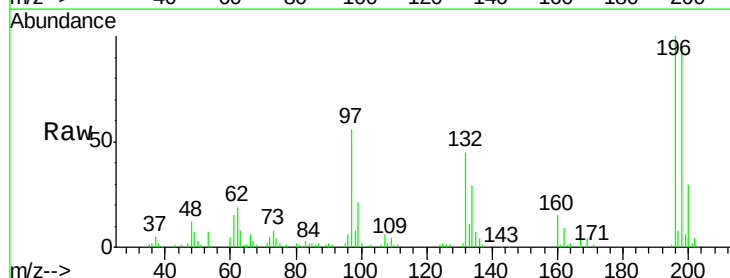
Tgt Ion:196 Resp: 99203

Ion Ratio Lower Upper

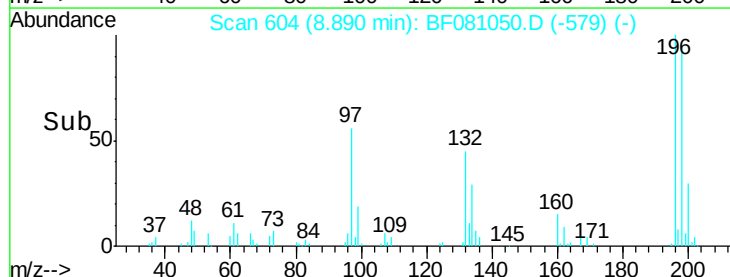
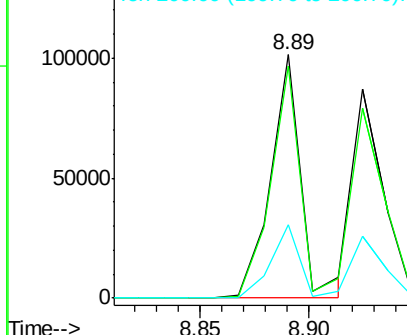
196 100

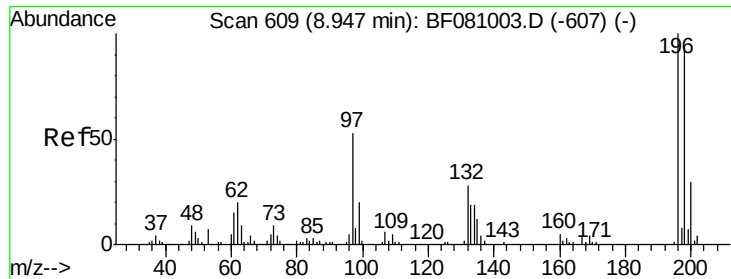
198 95.2 74.6 111.8

200 29.9 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

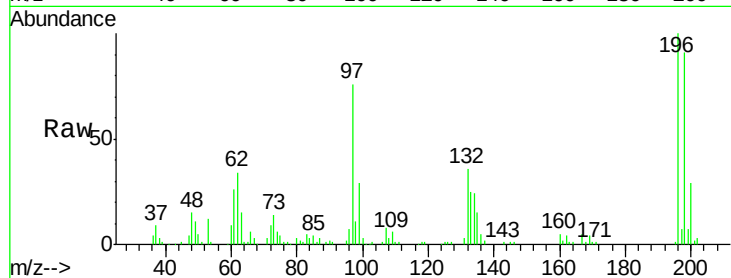




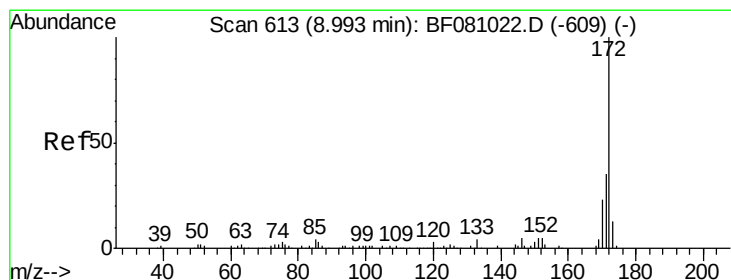
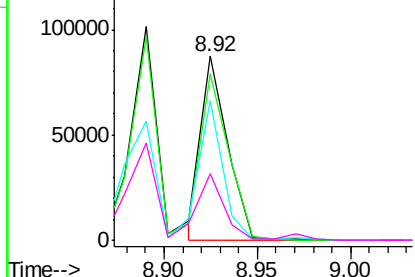
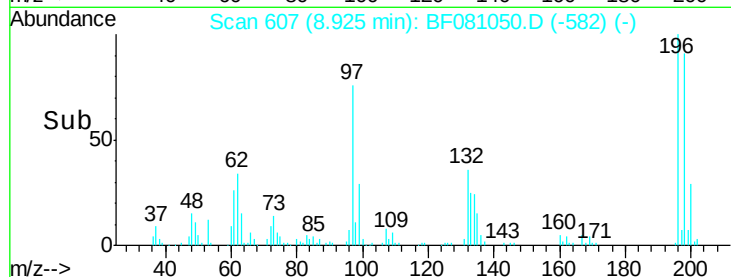
#43
 2,4,5-Trichlorophenol
 Concen: 31.92 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 86082
 Ion Ratio Lower Upper
 196 100
 198 90.8 78.3 117.5
 97 75.8 42.7 64.1#
 132 36.1 23.3 34.9#

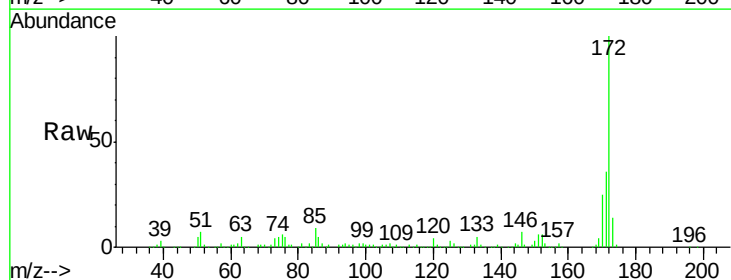


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

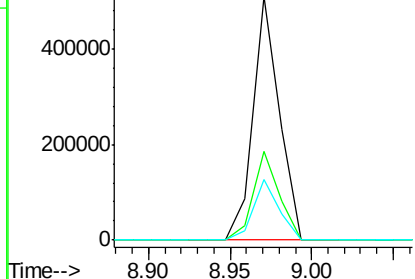
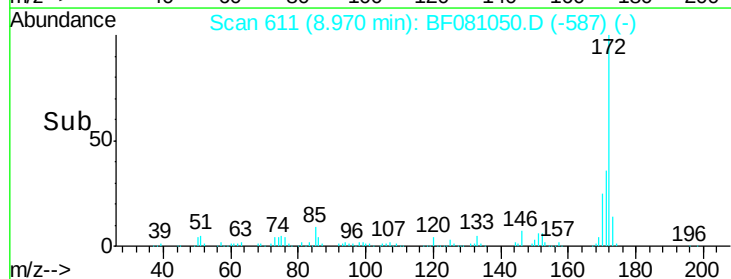


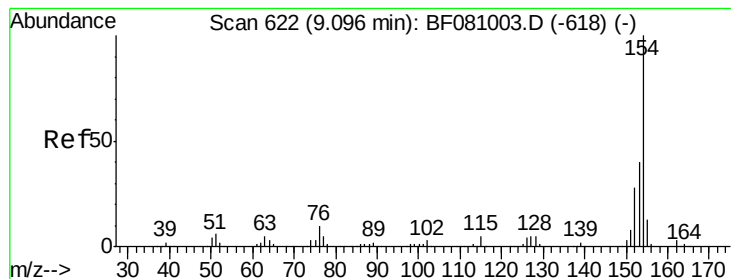
#44
 2-Fluorobiphenyl
 Concen: 62.91 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

Tgt Ion:172 Resp: 568393
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.9 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: 37.99 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

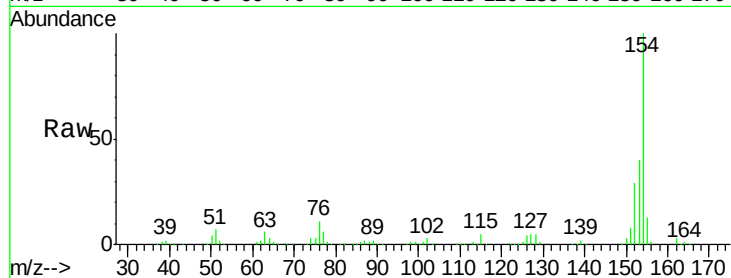
Tot Ion:154 Resp: 396142

Ion Ratio Lower Upper

154 100

153 40.3 19.5 59.5

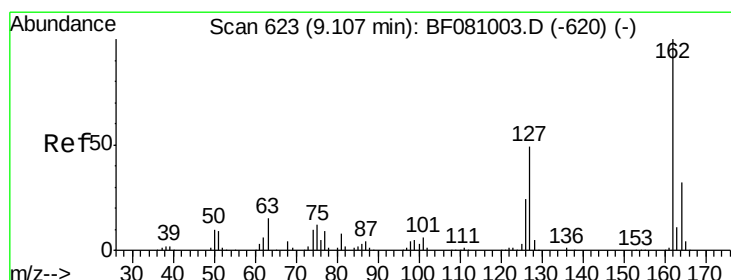
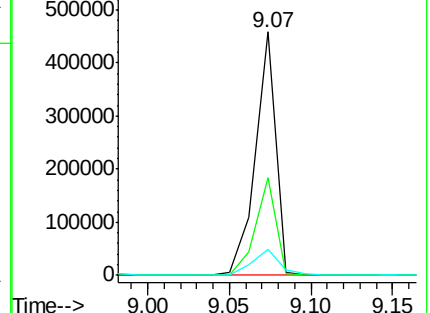
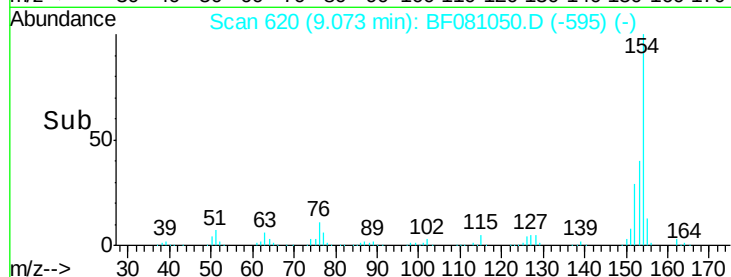
76 10.8 0.0 29.3



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: 31.33 ng

RT: 9.10 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

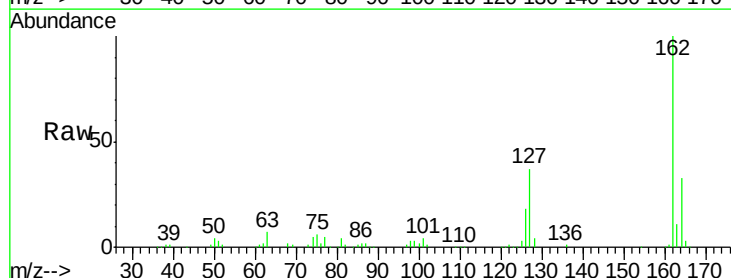
Tgt Ion:162 Resp: 262500

Ion Ratio Lower Upper

162 100

127 37.4 31.3 46.9

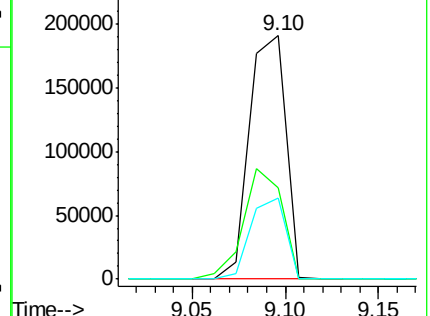
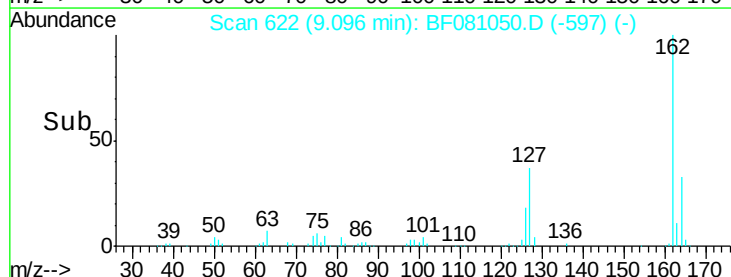
164 33.5 26.3 39.5

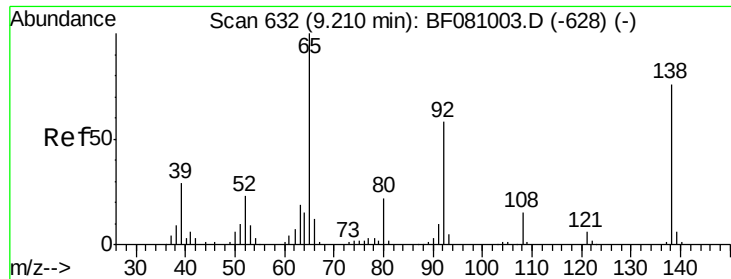


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

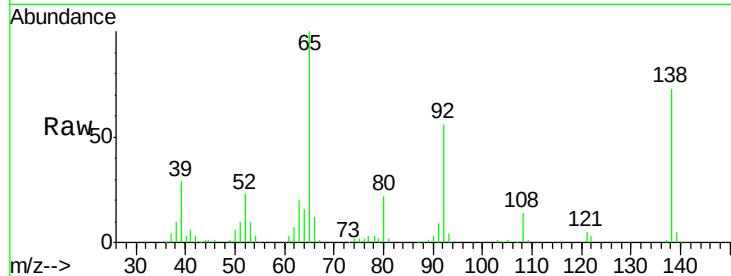




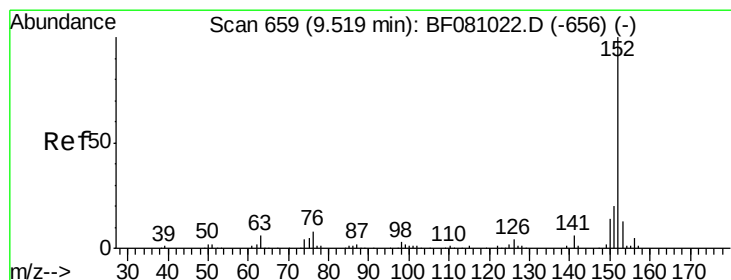
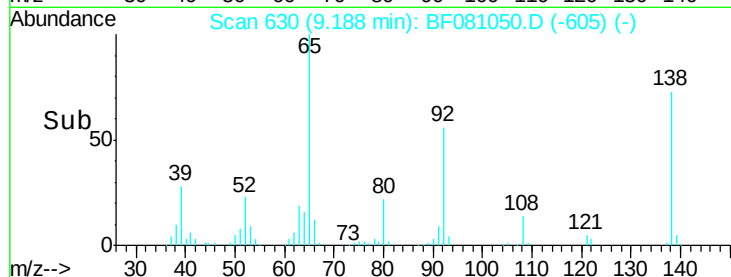
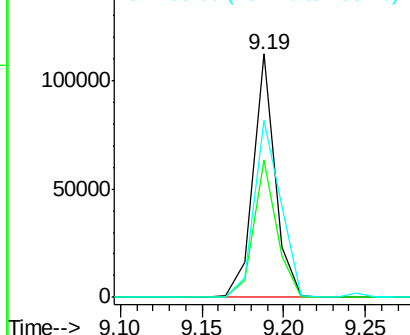
#47
2-Nitroaniline
Concen: 30.65 ng
RT: 9.19 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 105080
Ion Ratio Lower Upper
65 100
92 56.4 45.6 68.4
138 72.6 57.9 86.9

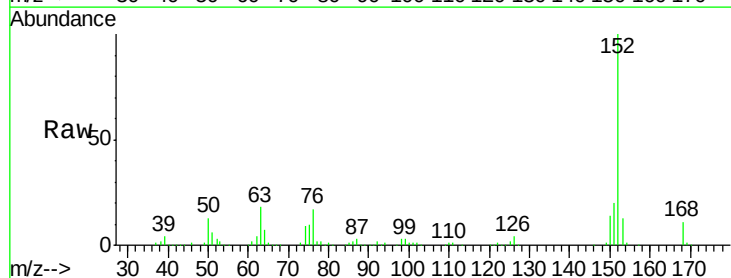


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

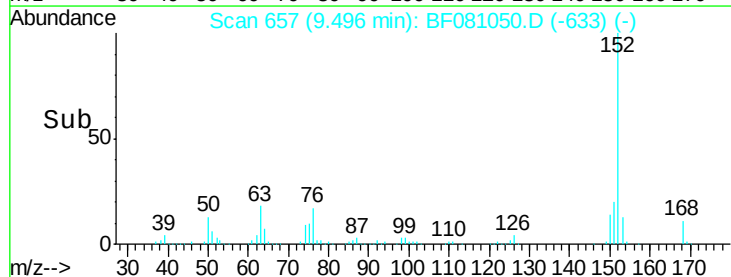
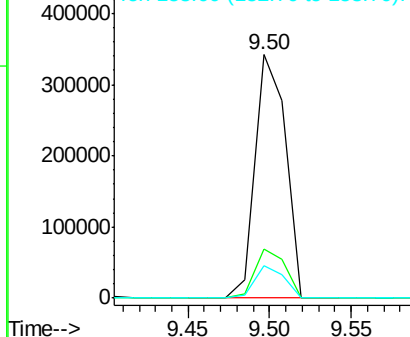


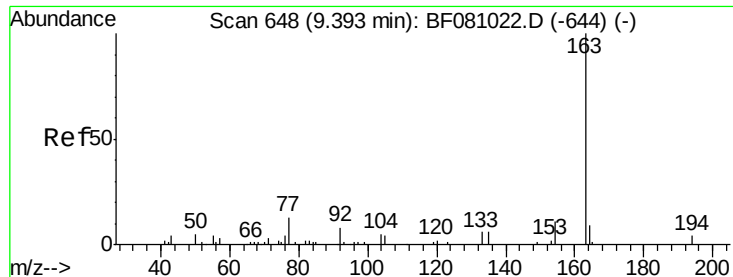
#48
Acenaphthylene
Concen: 29.57 ng
RT: 9.50 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Tgt Ion: 152 Resp: 443096
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.2 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

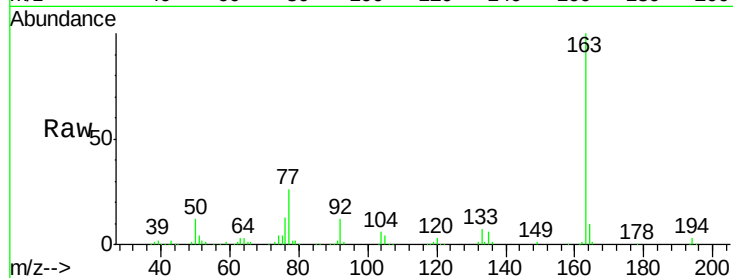




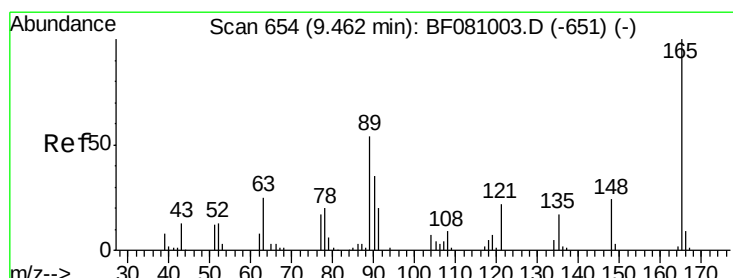
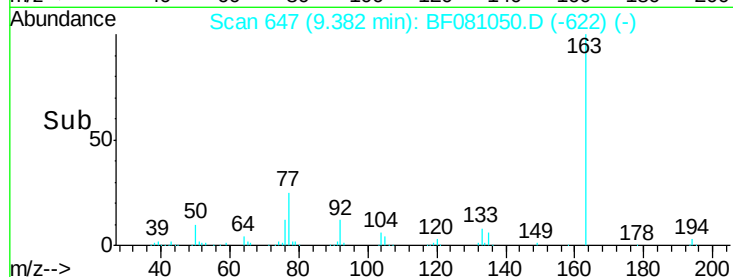
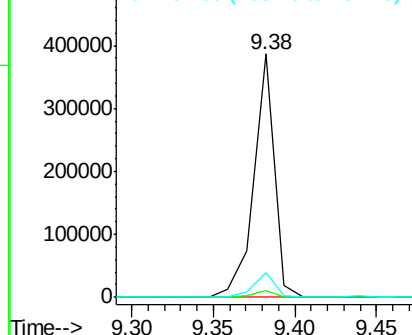
#49
Dimethylphthalate
Concen: 34.76 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 338891
Ion Ratio Lower Upper
163 100
194 3.0 2.5 3.7
164 10.1 8.1 12.1

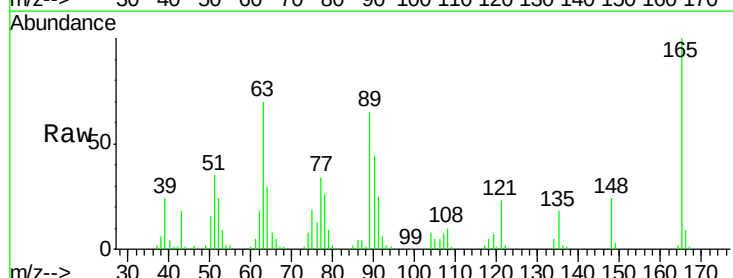


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

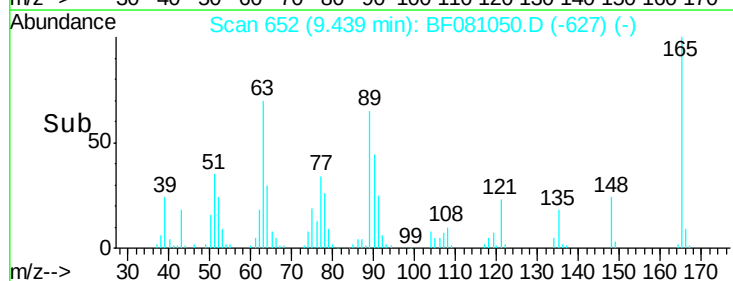
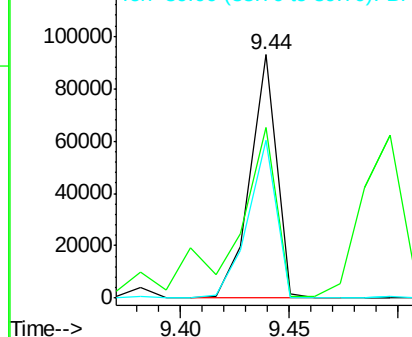


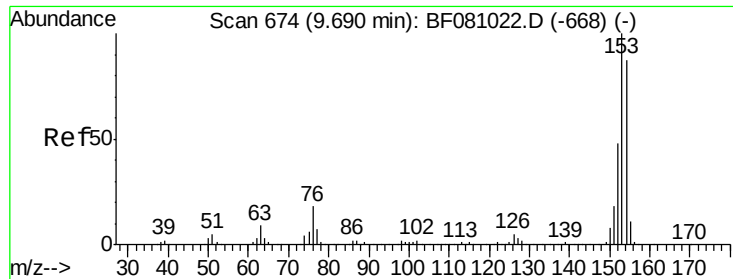
#50
2,6-Dinitrotoluene
Concen: 37.61 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Tgt Ion:165 Resp: 78727
Ion Ratio Lower Upper
165 100
63 70.2 49.5 74.3
89 64.8 47.6 71.4



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





#51

Acenaphthene

Concen: 31.26 ng

RT: 9.67 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

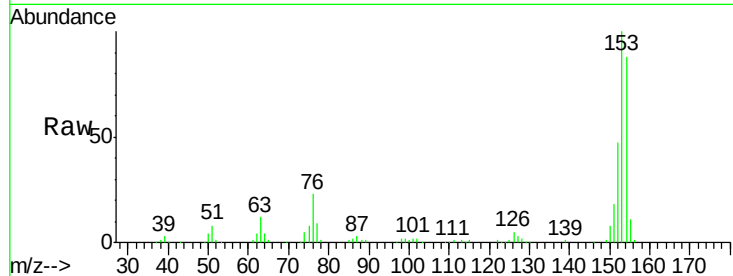
Tot Ion:154 Resp: 280419

Ion Ratio Lower Upper

154 100

153 113.6 91.4 137.2

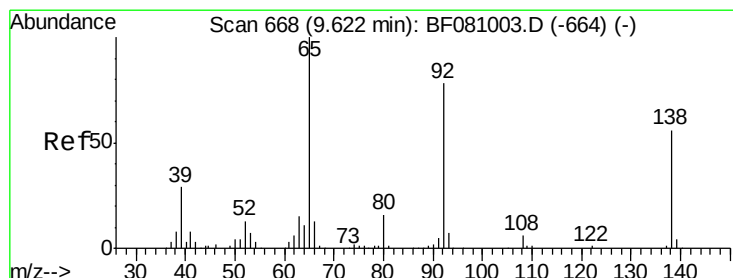
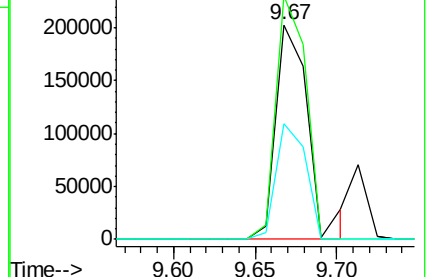
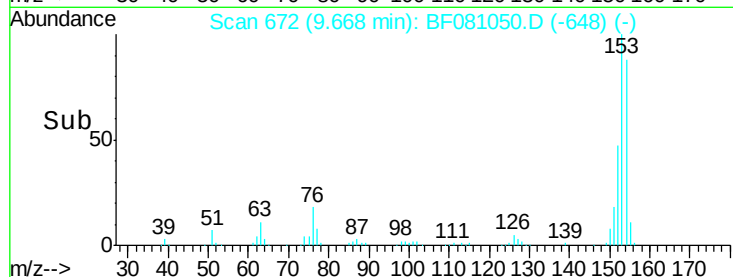
152 53.9 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.29 ng

RT: 9.60 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

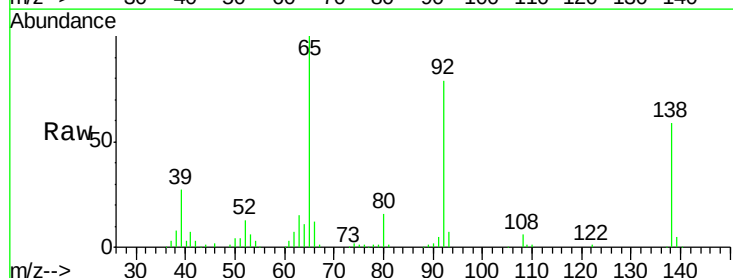
Tgt Ion:138 Resp: 55768

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.2

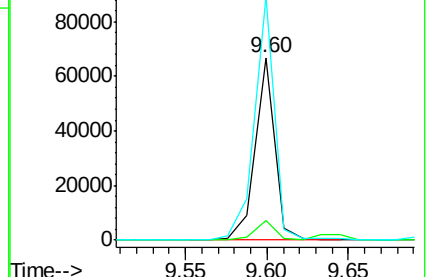
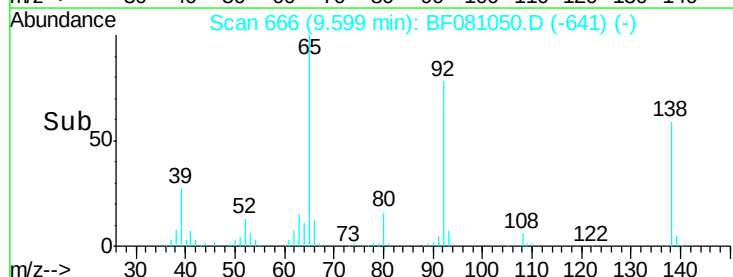
92 133.6 113.2 169.8

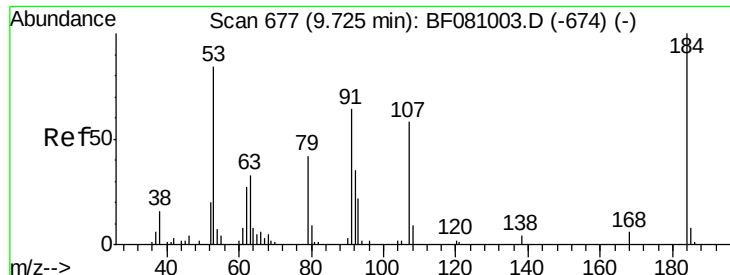


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

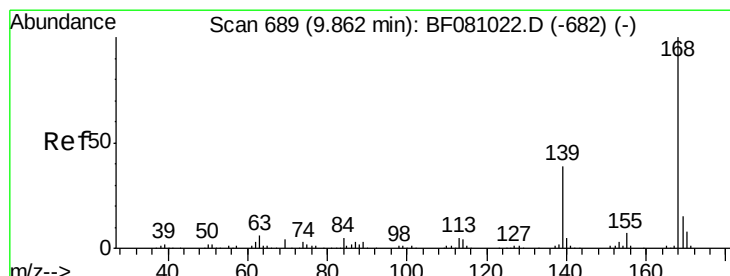
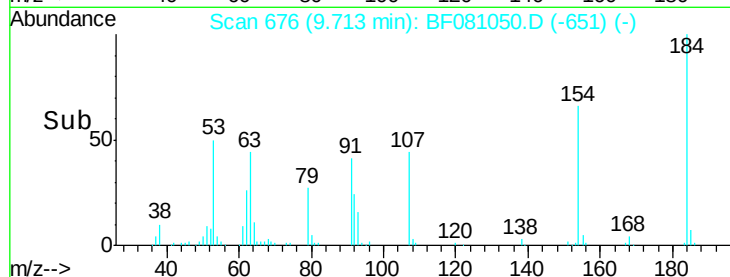
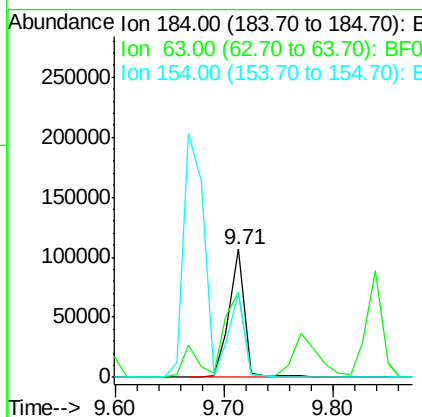
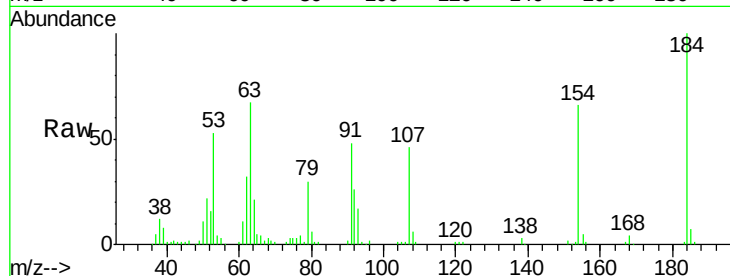




#53
 2,4-Dinitrophenol
 Concen: 87.95 ng
 RT: 9.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

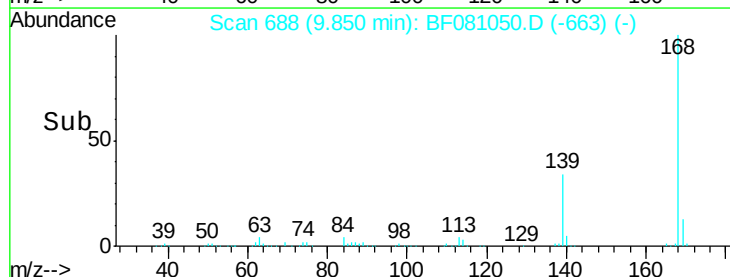
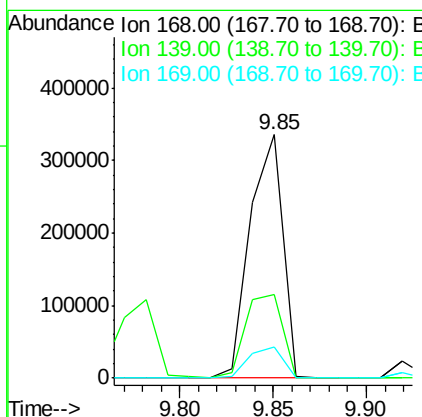
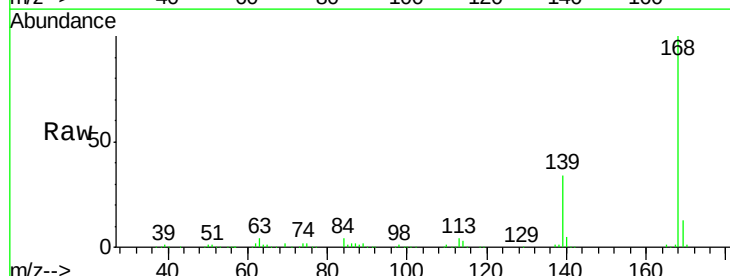
Instrument :
 BNA_F
 ClientSampleId :

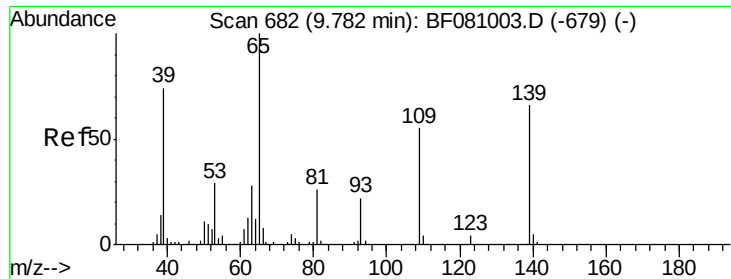
Tot Ion:184 Resp: 105235
 Ion Ratio Lower Upper
 184 100
 63 66.6 101.7 152.5#
 154 65.9 67.4 101.0#



#54
 Dibenzofuran
 Concen: 33.91 ng
 RT: 9.85 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

Tgt Ion:168 Resp: 407630
 Ion Ratio Lower Upper
 168 100
 139 34.2 29.3 43.9
 169 12.6 10.3 15.5





#55

4-Nitrophenol

Concen: 80.08 ng

RT: 9.78 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

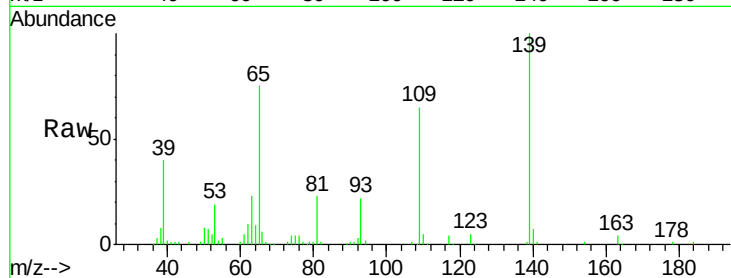
Tot Ion:139 Resp: 147337

Ion Ratio Lower Upper

139 100

109 65.0 80.0 120.0#

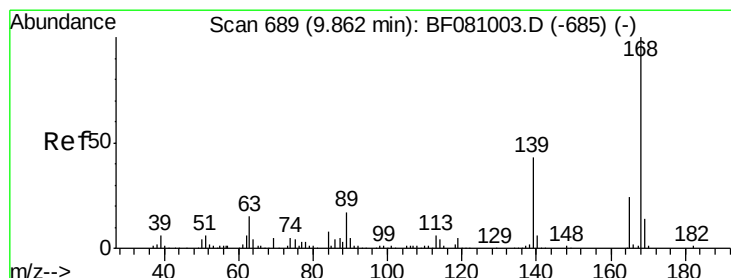
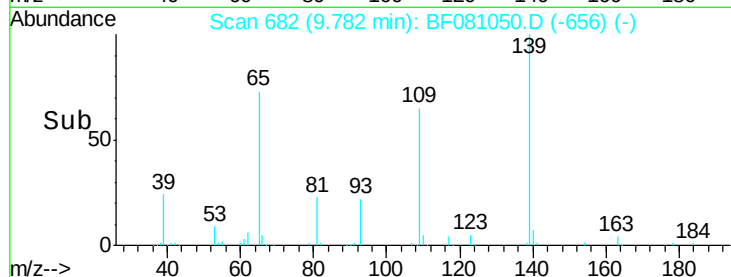
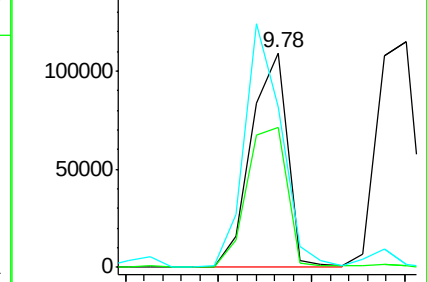
65 74.8 138.3 178.3#



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: 38.26 ng

RT: 9.84 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Tgt Ion:165 Resp: 106171

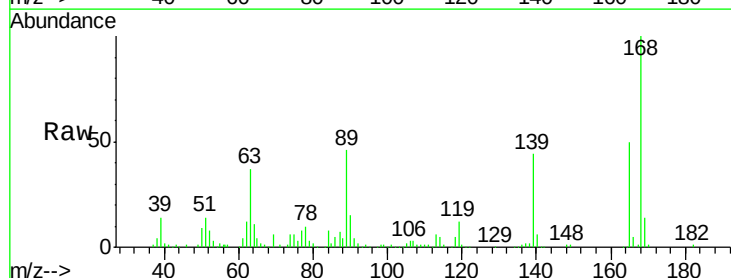
Ion Ratio Lower Upper

165 100

63 73.7 52.2 78.4

89 92.9 60.1 90.1#

182 1.9 1.8 2.6

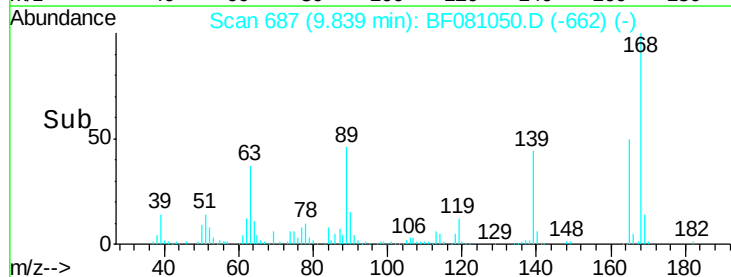
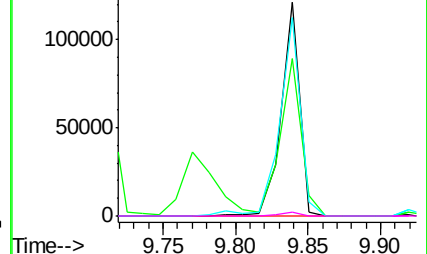


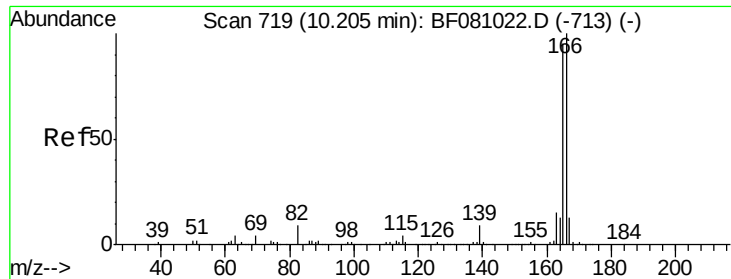
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

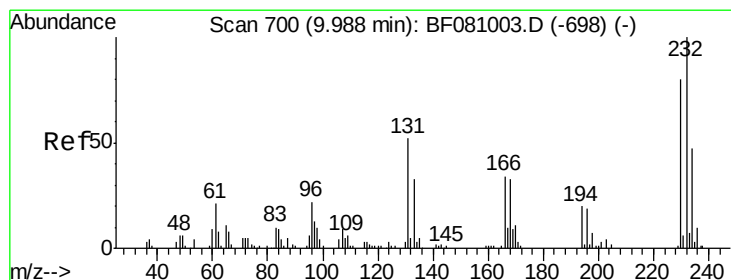
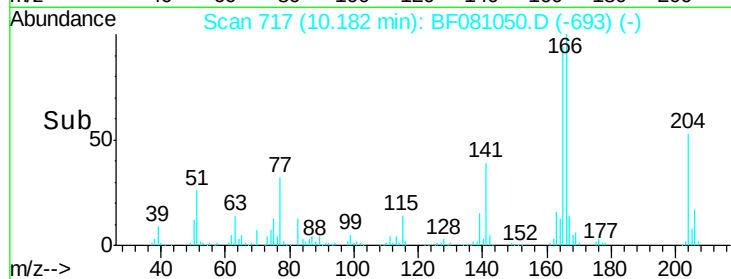
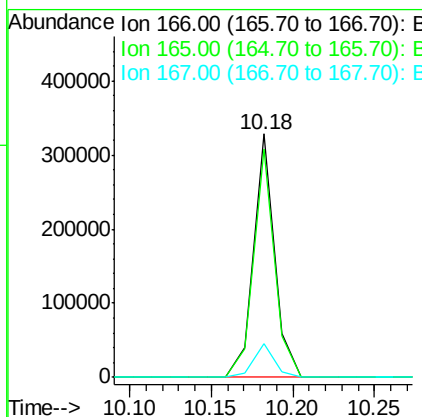
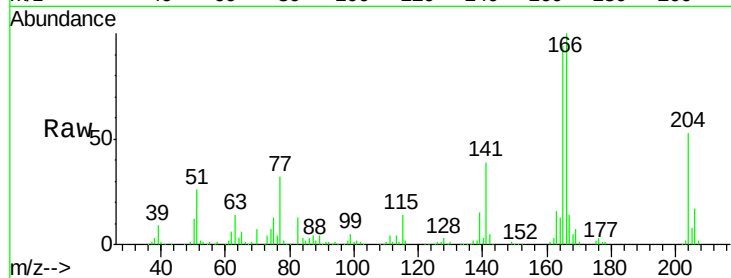




#57
 Fluorene
 Concen: 31.84 ng
 RT: 10.18 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

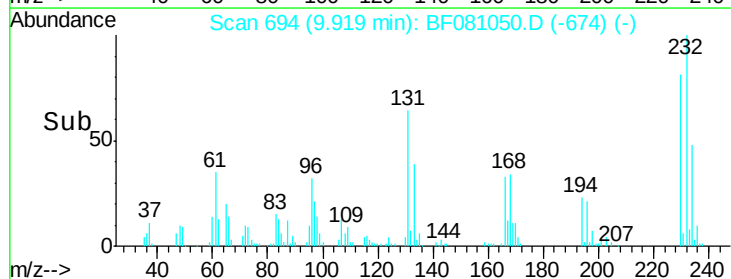
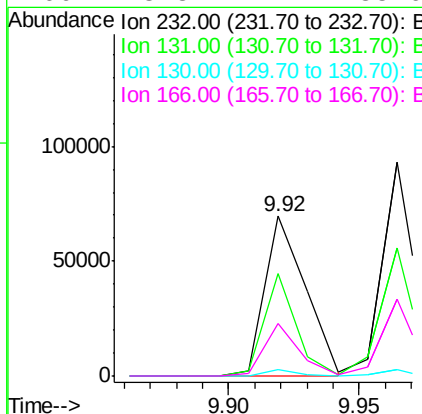
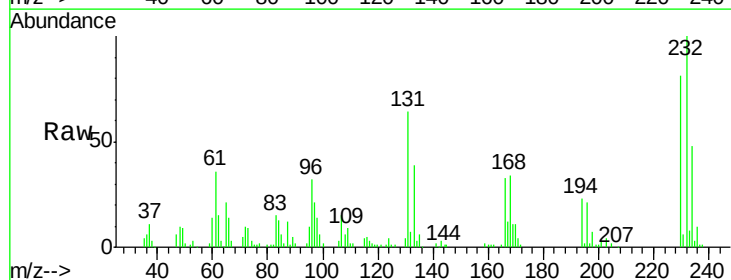
Instrument :
 BNA_F
 ClientSampleId :

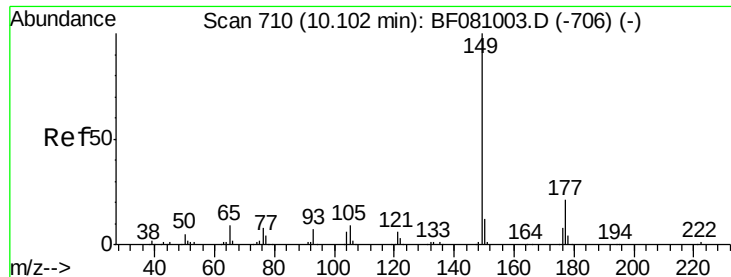
Tot Ion:166 Resp: 294484
 Ion Ratio Lower Upper
 166 100
 165 93.9 75.8 113.8
 167 14.0 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.23 ng
 RT: 9.92 min Scan# 694
 Delta R.T. -0.07 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

Tgt Ion:232 Resp: 75618
 Ion Ratio Lower Upper
 232 100
 131 51.0 42.2 63.4
 130 2.7 2.1 3.1
 166 28.3 22.4 33.6

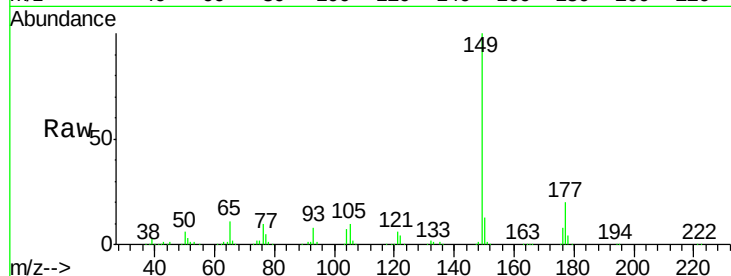




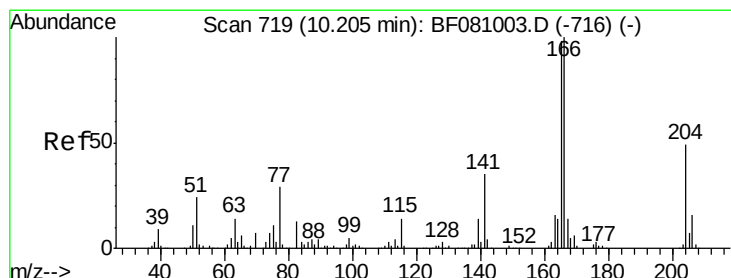
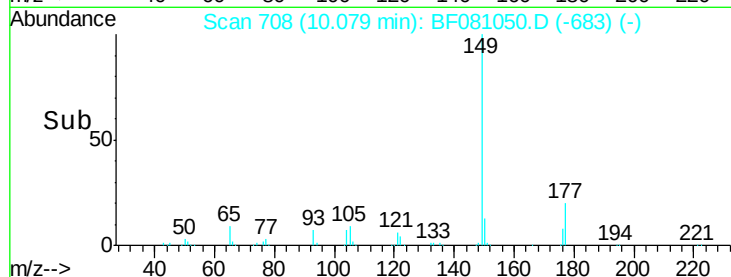
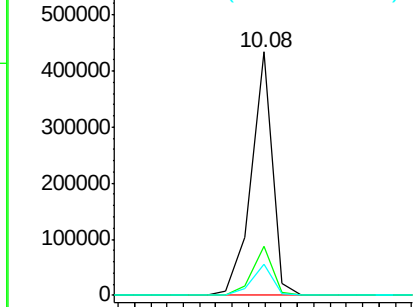
#59
Diethylphthalate
Concen: 37.61 ng
RT: 10.08 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 388185
Ion Ratio Lower Upper
149 100
177 20.0 14.1 21.1
150 12.7 10.3 15.5

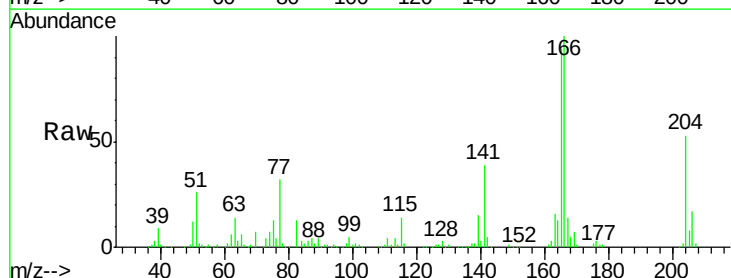


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

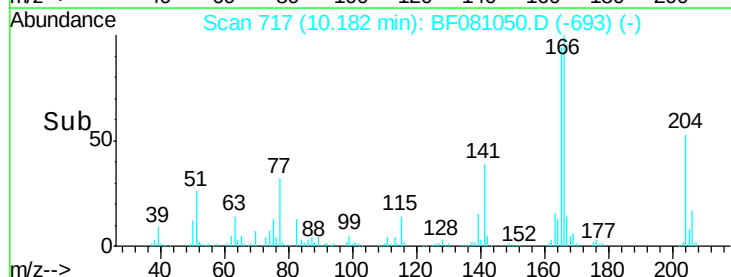
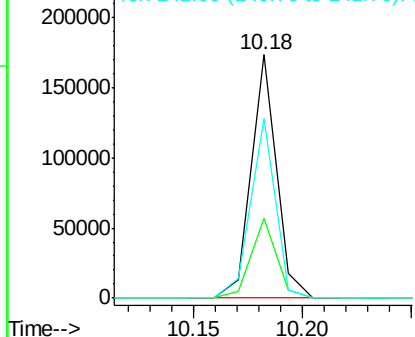


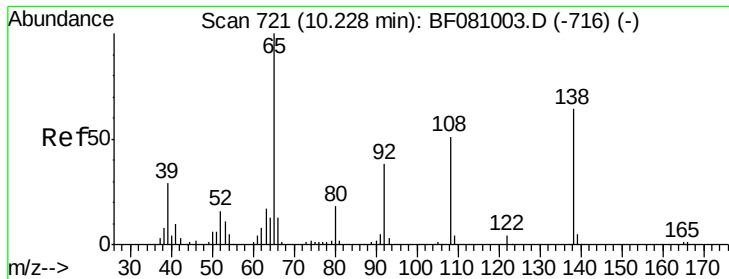
#60
4-Chlorophenyl-phenylether
Concen: 35.92 ng
RT: 10.18 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Tgt Ion:204 Resp: 140582
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 73.6 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

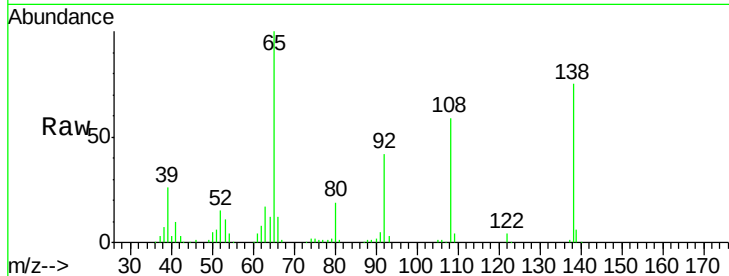




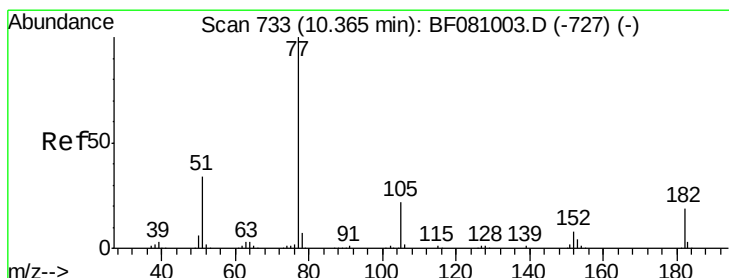
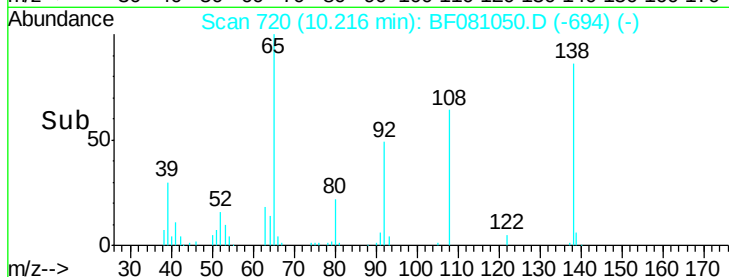
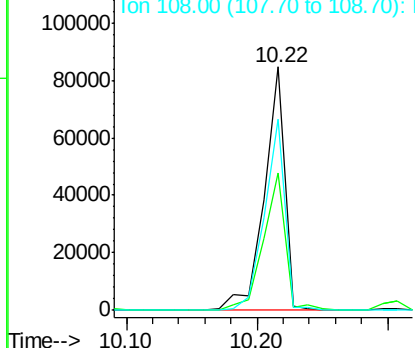
#61
4-Nitroaniline
Concen: 34.95 ng
RT: 10.22 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 93591
Ion Ratio Lower Upper
138 100
92 56.2 34.7 74.7
108 78.7 68.9 108.9

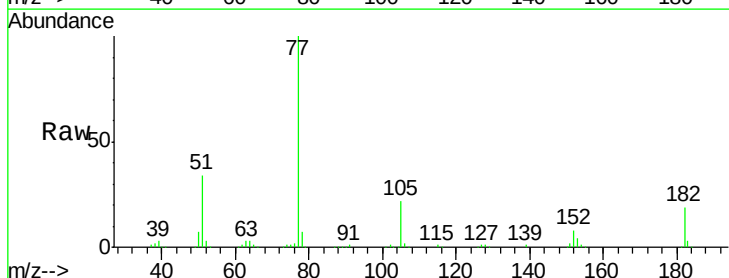


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

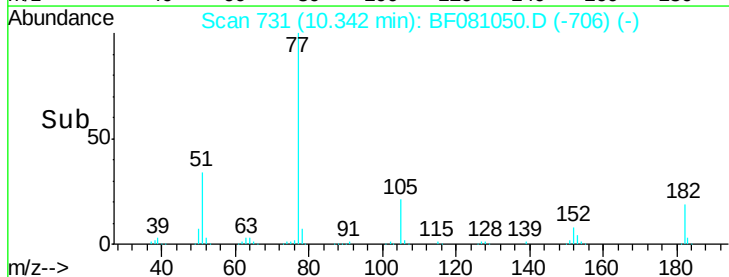
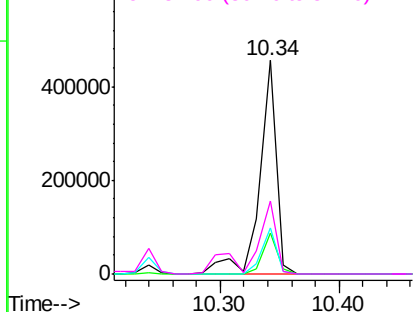


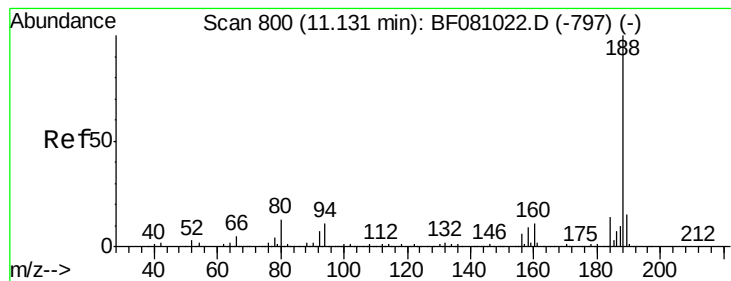
#62
Azobenzene
Concen: 37.81 ng
RT: 10.34 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Tgt Ion: 77 Resp: 449696
Ion Ratio Lower Upper
77 100
182 19.4 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: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

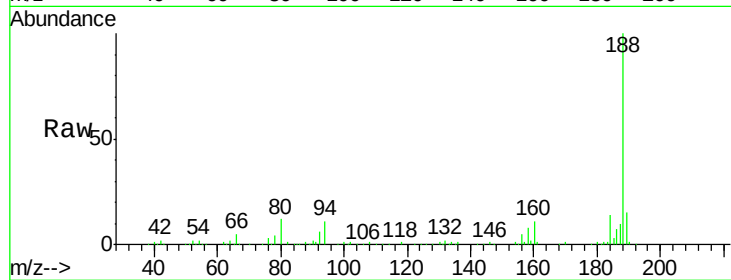
Tot Ion:188 Resp: 250975

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.2

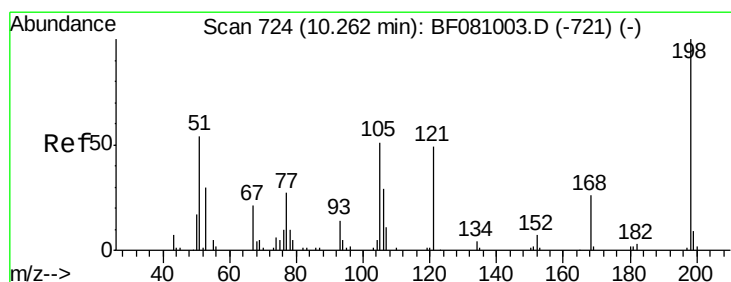
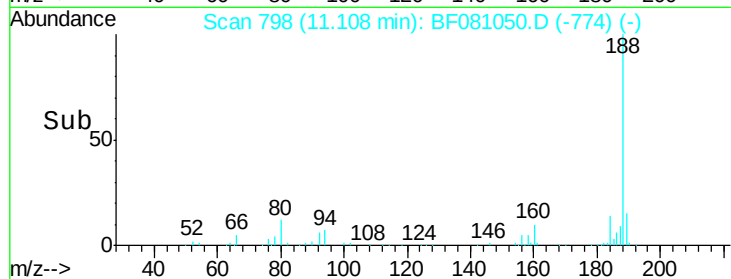
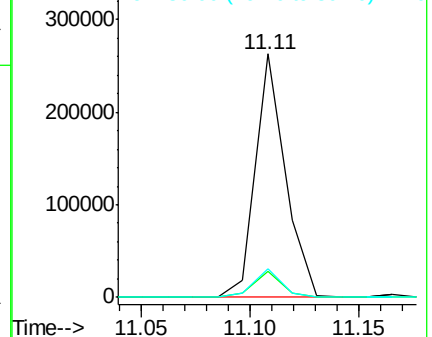
80 12.0 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.65 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

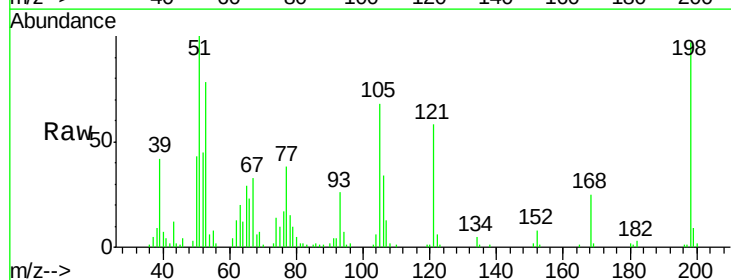
Tgt Ion:198 Resp: 53426

Ion Ratio Lower Upper

198 100

51 102.6 79.7 119.7

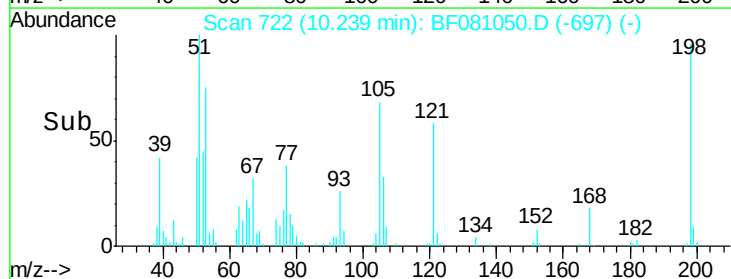
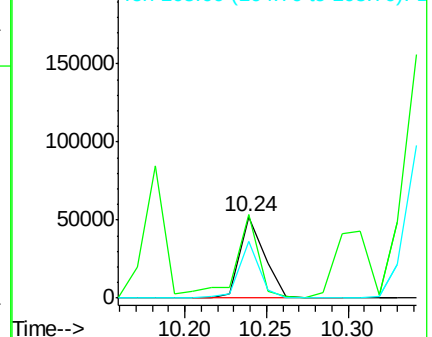
105 69.6 47.0 87.0

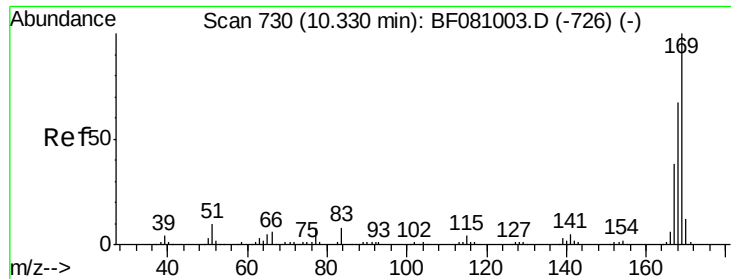


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

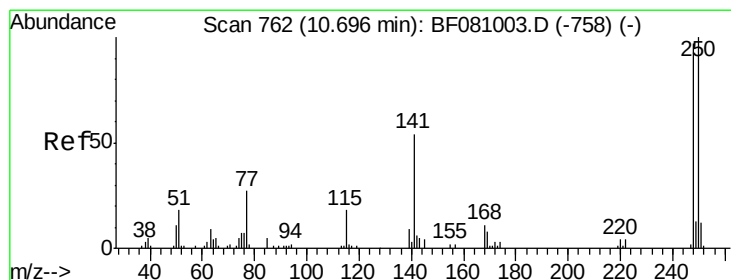
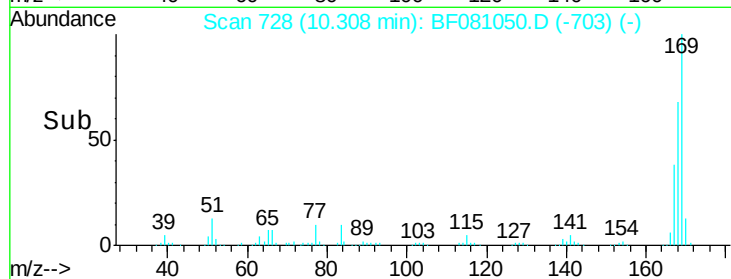
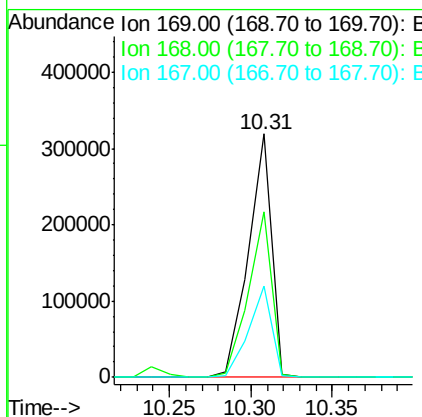
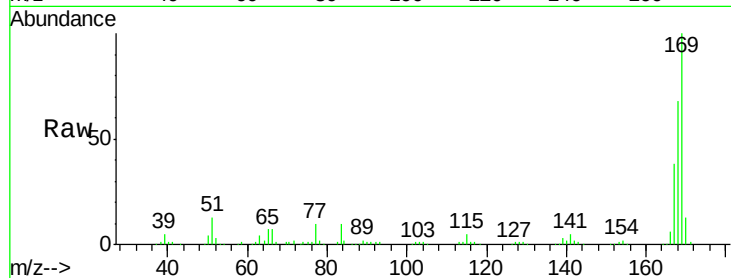




#65
 n-Nitrosodiphenylamine
 Concen: 35.09 ng
 RT: 10.31 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

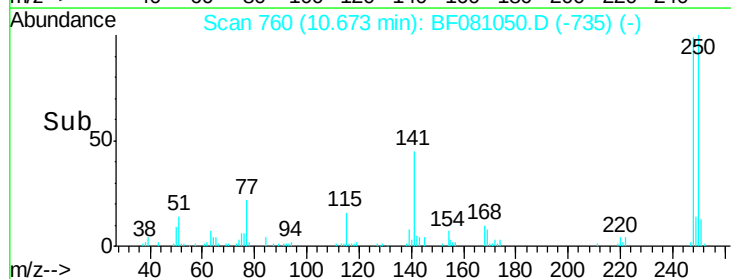
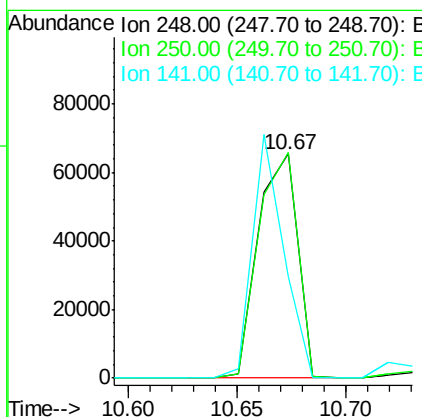
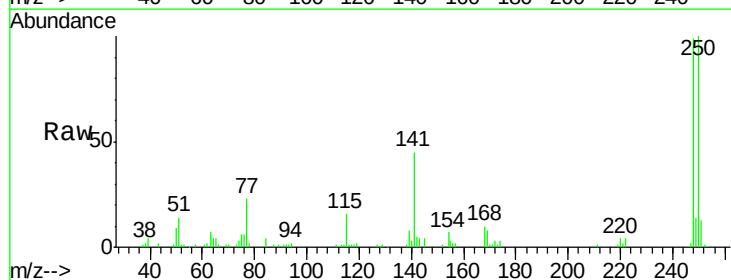
Instrument :
 BNA_F
 ClientSampleId :

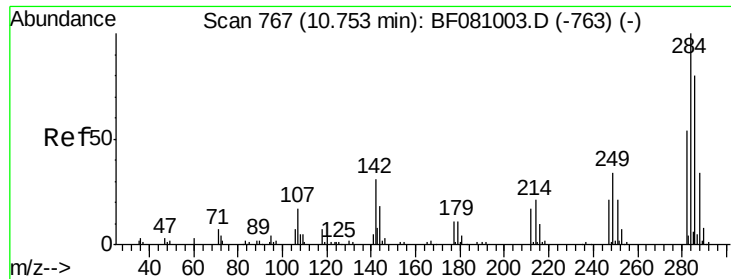
Tot Ion:169 Resp: 314327
 Ion Ratio Lower Upper
 169 100
 168 68.0 55.3 82.9
 167 37.8 30.8 46.2



#66
 4-Bromophenyl-phenylether
 Concen: 33.78 ng
 RT: 10.67 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

Tgt Ion:248 Resp: 83293
 Ion Ratio Lower Upper
 248 100
 250 100.6 77.8 116.6
 141 45.4 39.8 59.6





#67

Hexachlorobenzene

Concen: 36.54 ng

RT: 10.73 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

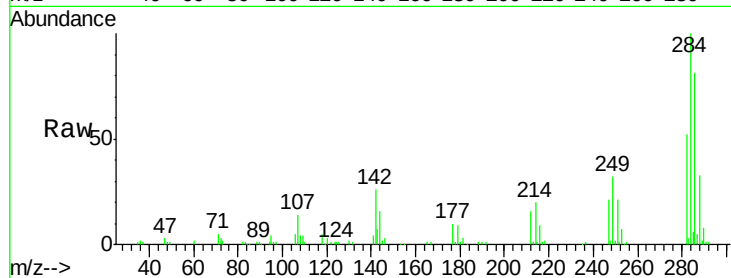
Tot Ion:284 Resp: 91240

Ion Ratio Lower Upper

284 100

142 25.5 25.4 38.0

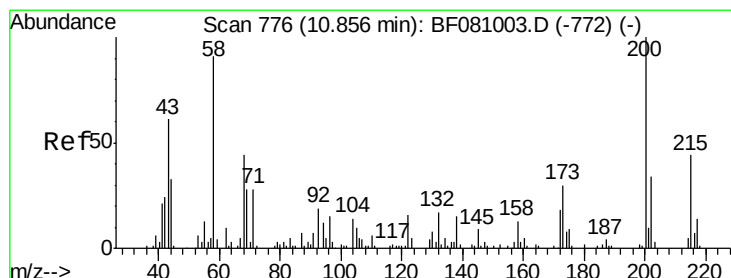
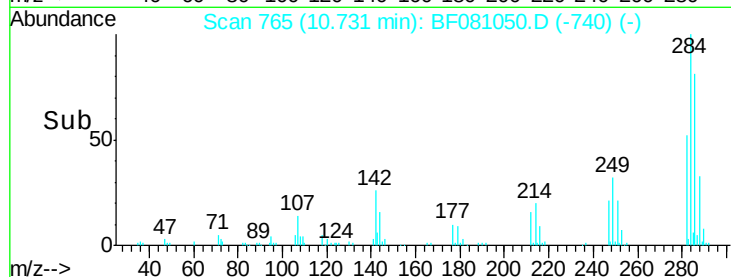
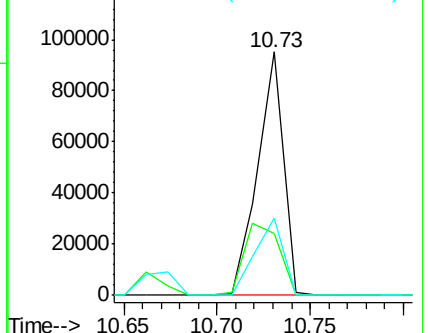
249 31.9 28.5 42.7



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: 36.44 ng

RT: 10.83 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

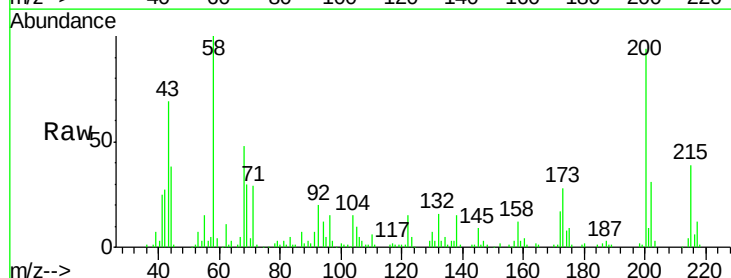
Tgt Ion:200 Resp: 90968

Ion Ratio Lower Upper

200 100

173 29.9 8.1 48.1

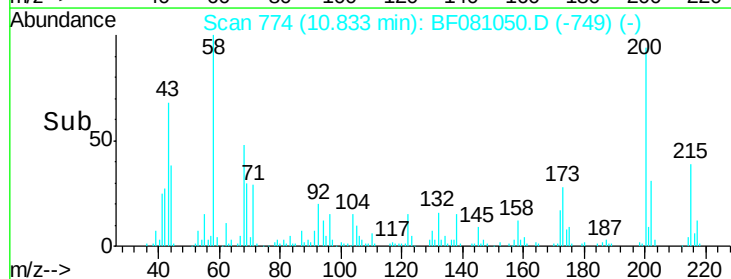
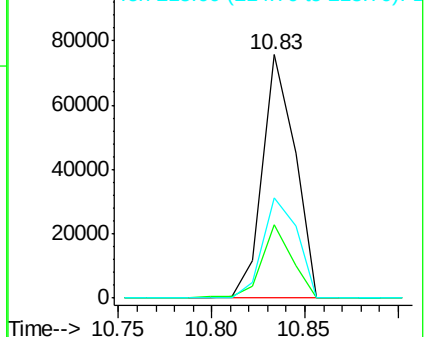
215 41.0 23.3 63.3

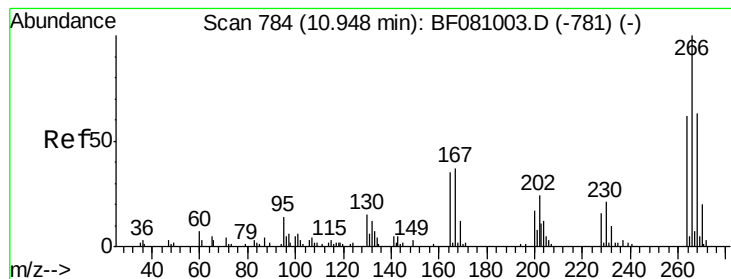


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 74.77 ng

RT: 10.92 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :
BNA_F
ClientSampleId :

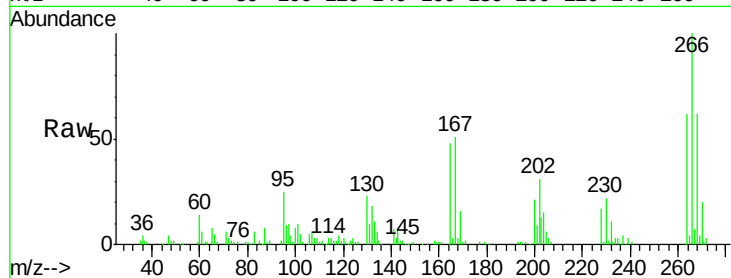
Tot Ion:266 Resp: 112021

Ion Ratio Lower Upper

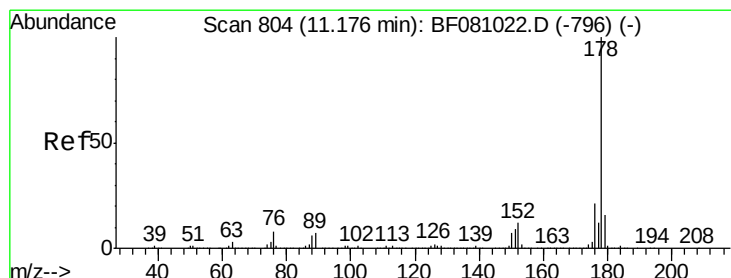
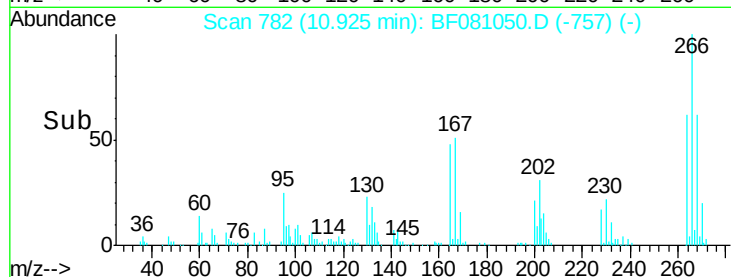
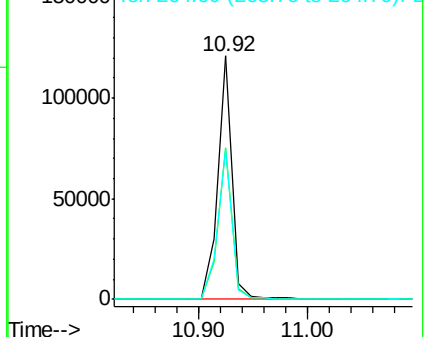
266 100

268 62.3 51.2 76.8

264 61.5 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: 31.74 ng

RT: 11.13 min Scan# 800

Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

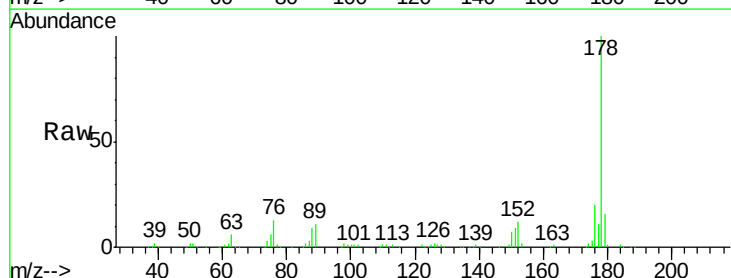
Tgt Ion:178 Resp: 472139

Ion Ratio Lower Upper

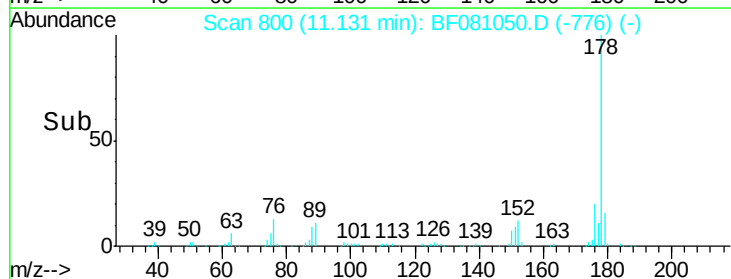
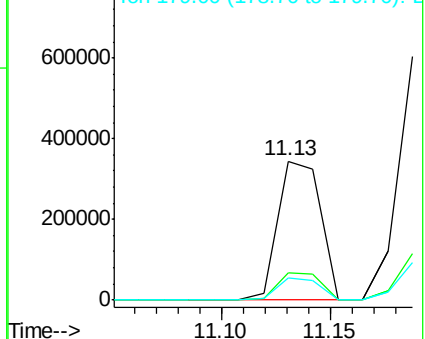
178 100

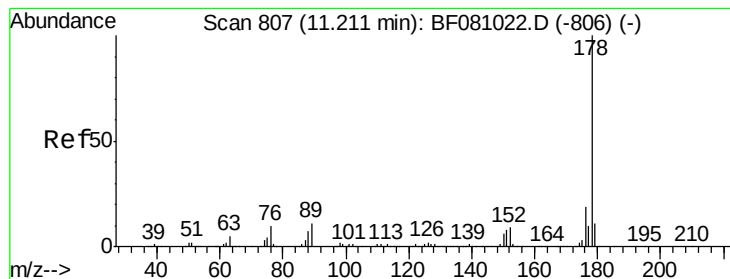
176 19.6 15.7 23.5

179 15.8 12.2 18.2



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





#71

Anthracene

Concen: 35.46 ng

RT: 11.19 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

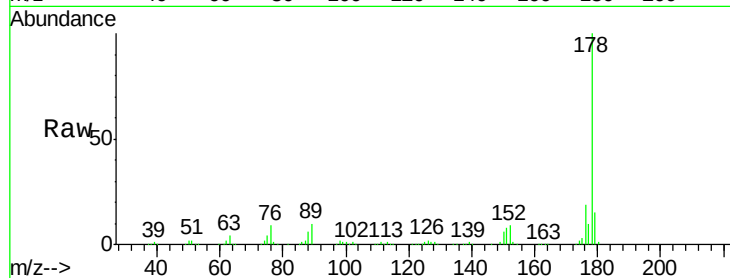
Tot Ion:178 Resp: 513262

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

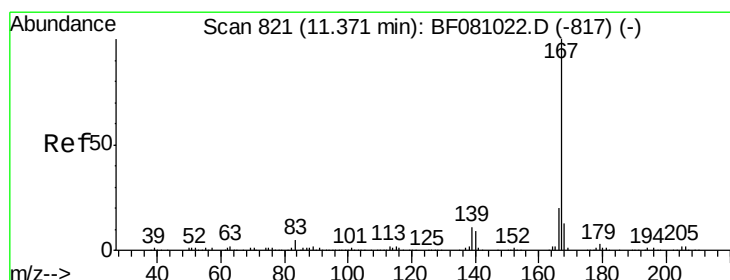
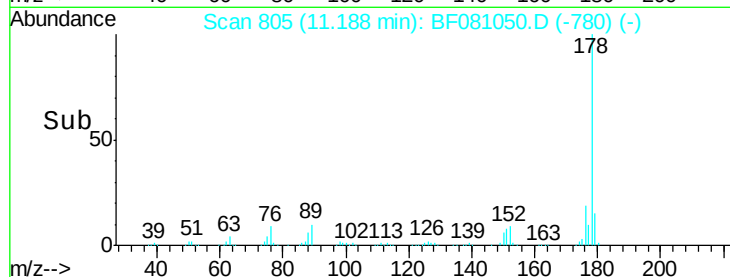
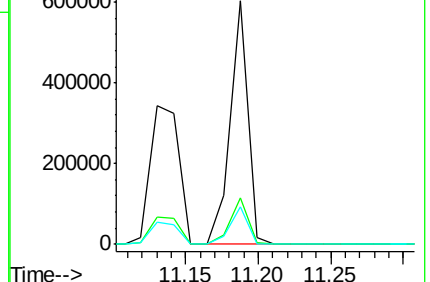
179 15.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.78 ng

RT: 11.35 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

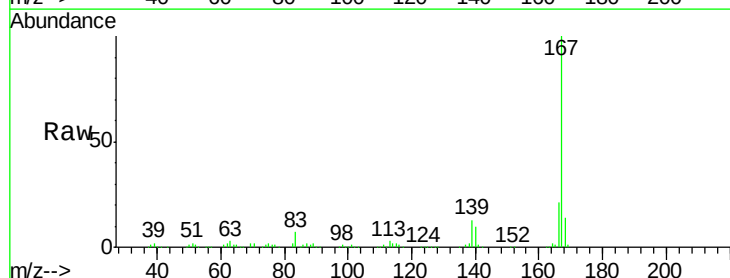
Tgt Ion:167 Resp: 540457

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

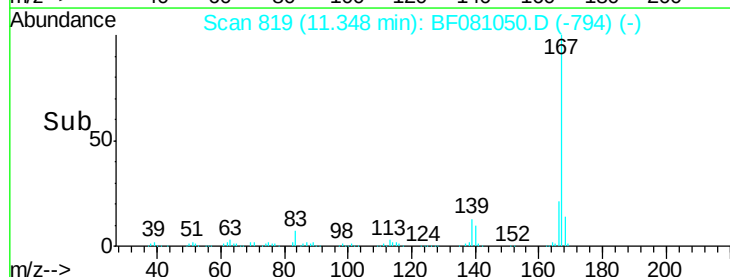
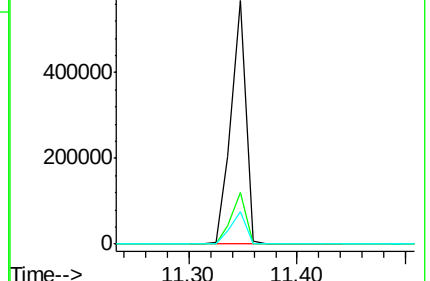
139 13.1 10.6 16.0

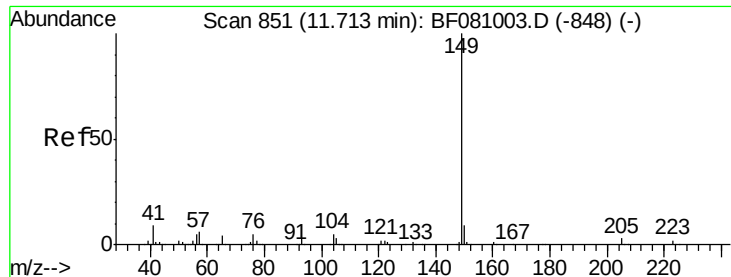


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.60 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampled :

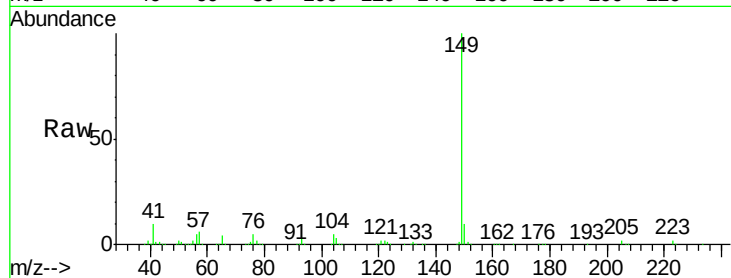
Tot Ion:149 Resp: 650804

Ion Ratio Lower Upper

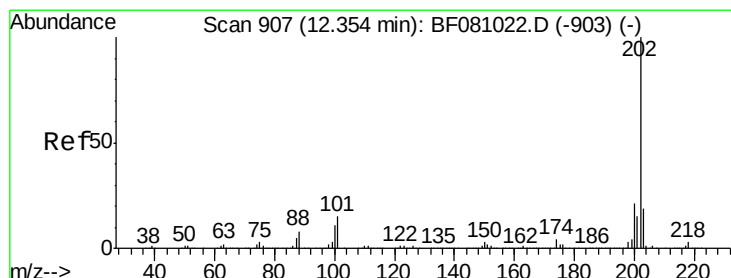
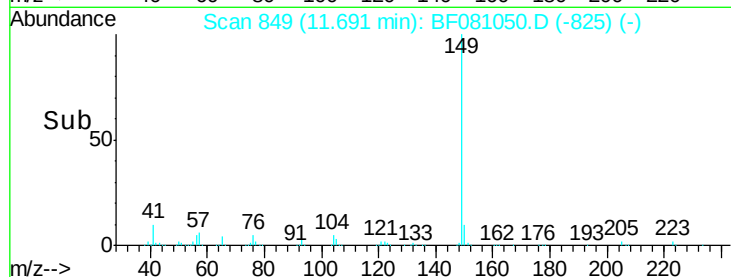
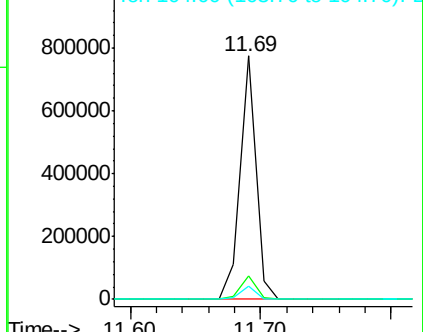
149 100

150 9.6 7.1 10.7

104 5.3 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.48 ng

RT: 12.31 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

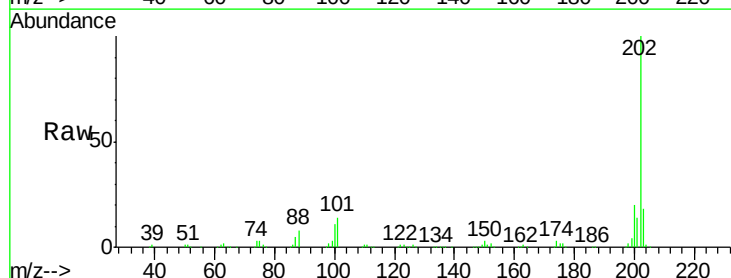
Tgt Ion:202 Resp: 537388

Ion Ratio Lower Upper

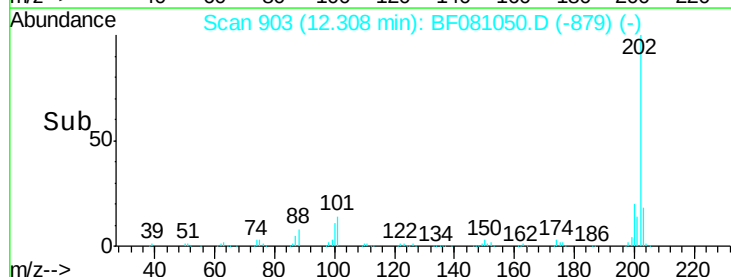
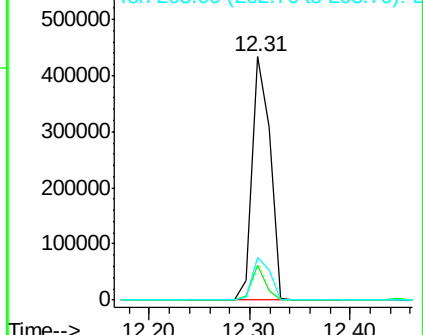
202 100

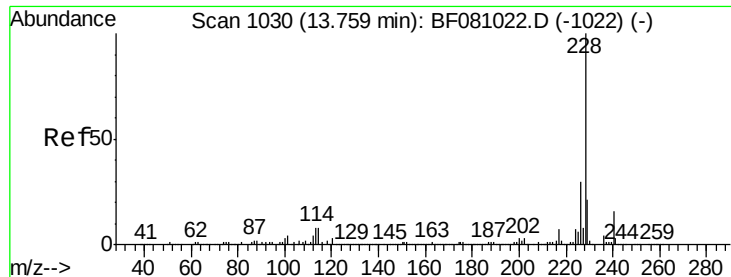
101 14.3 0.0 24.8

203 17.6 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: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

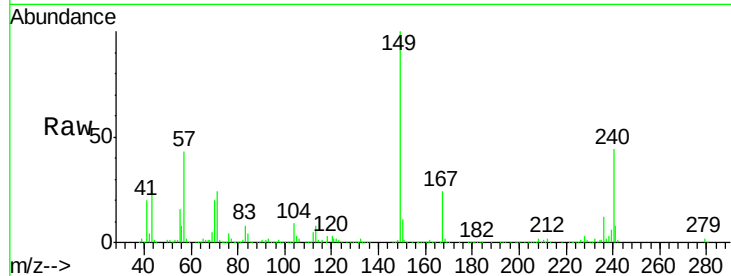
Tot Ion:240 Resp: 213249

Ion Ratio Lower Upper

240 100

120 6.7 5.6 8.4

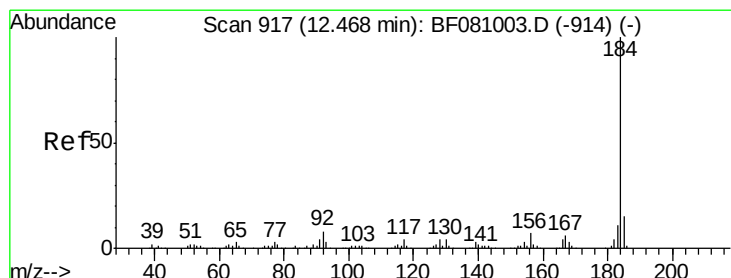
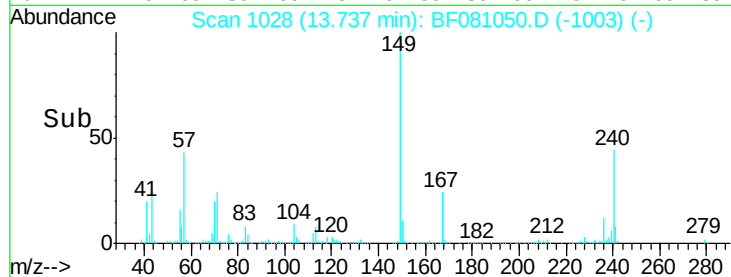
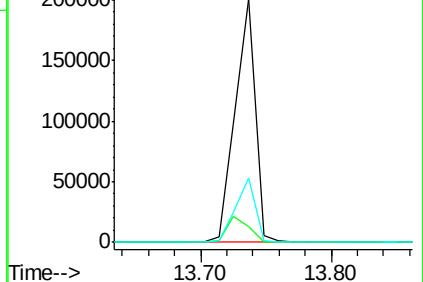
236 26.6 20.6 30.8



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: 33.52 ng

RT: 12.45 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

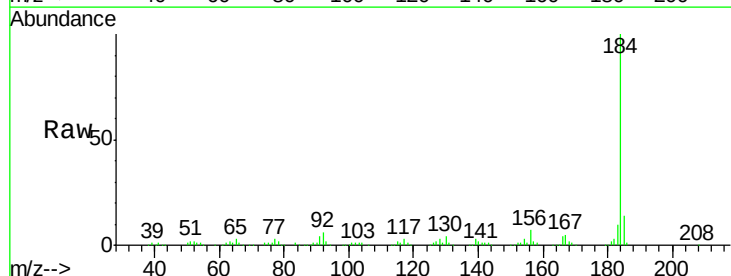
Tgt Ion:184 Resp: 270036

Ion Ratio Lower Upper

184 100

185 13.6 12.0 18.0

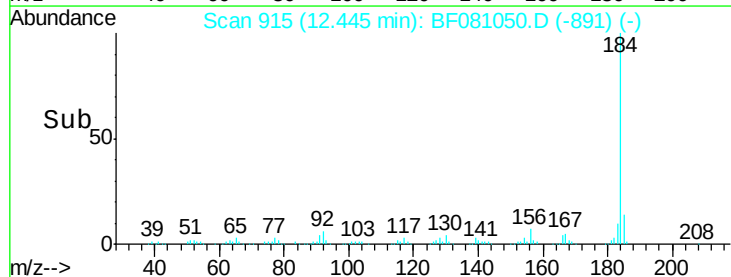
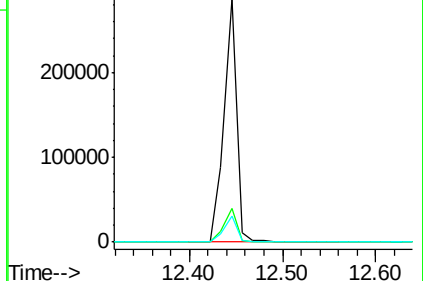
183 10.5 8.9 13.3

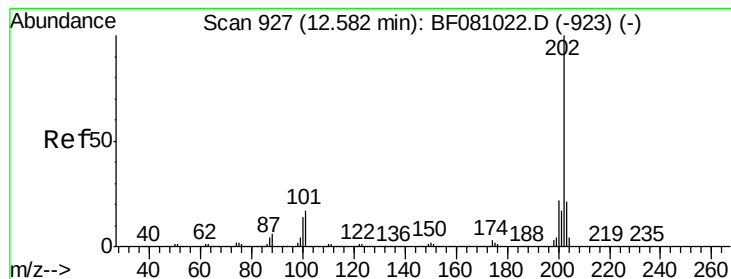


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 30.75 ng

RT: 12.54 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

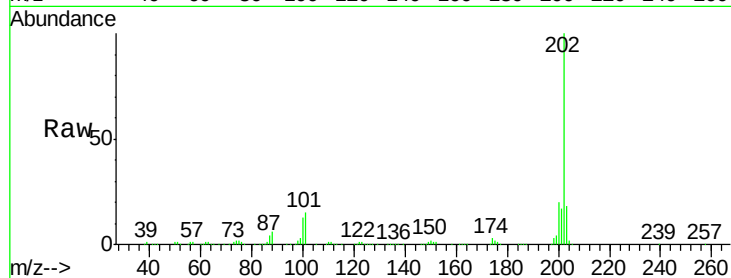
Tot Ion:202 Resp: 533038

Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

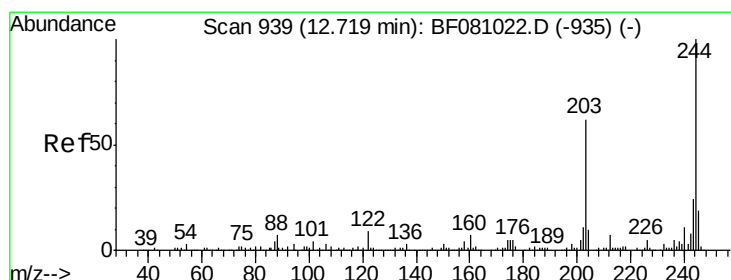
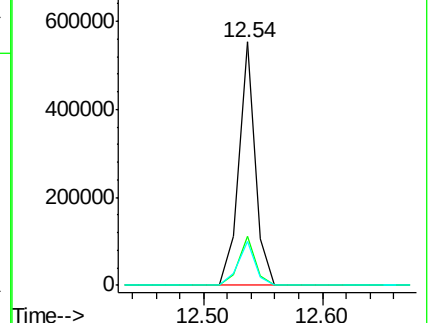
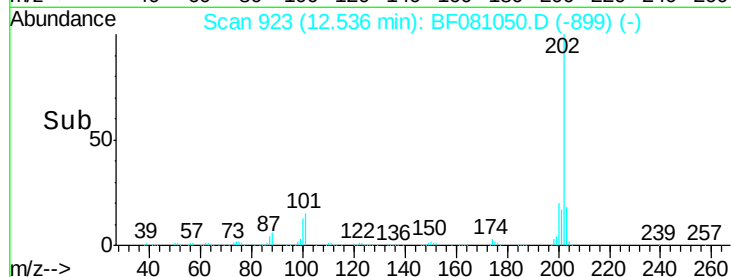
203 18.1 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.04 ng

RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

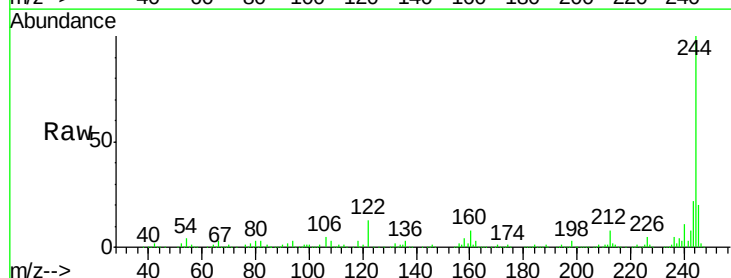
Tgt Ion:244 Resp: 676816

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

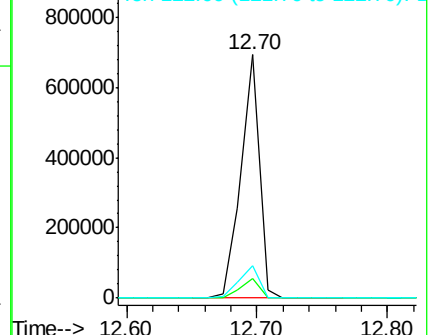
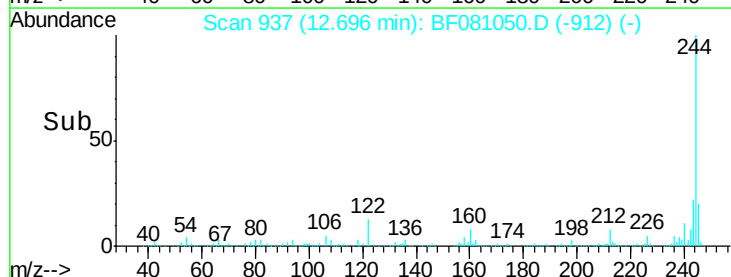
122 13.2 8.2 12.4#

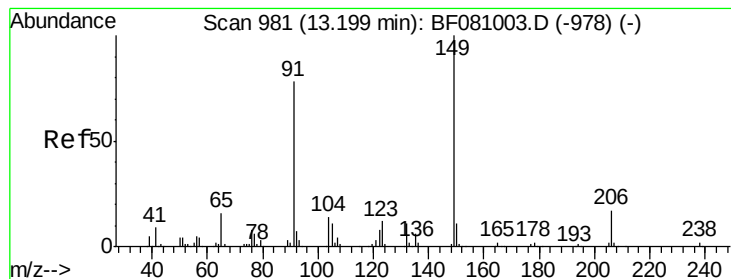


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.99 ng

RT: 13.18 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

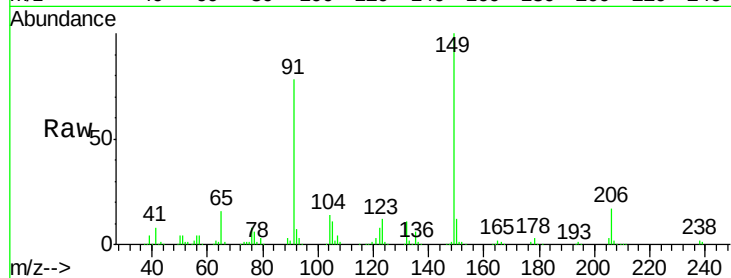
Tot Ion:149 Resp: 312907

Ion Ratio Lower Upper

149 100

91 78.0 46.9 70.3#

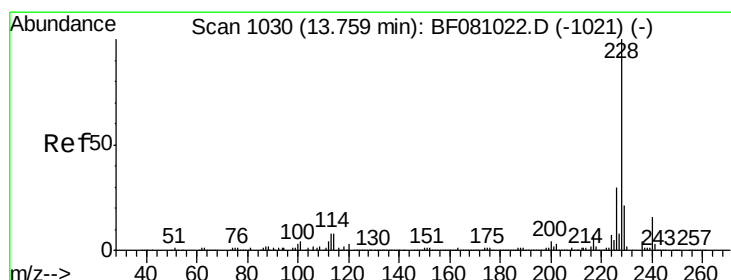
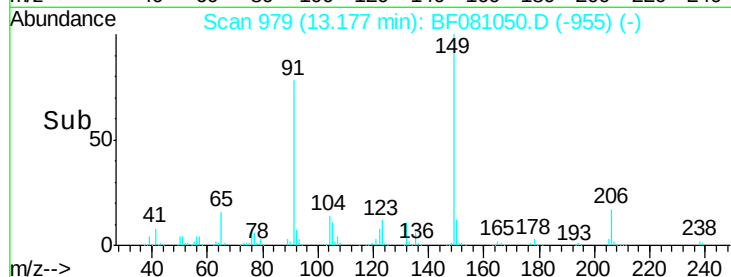
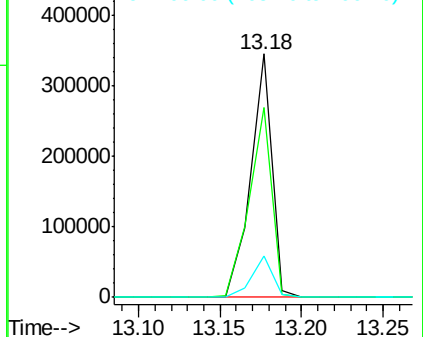
206 16.8 17.0 25.4#



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: 36.86 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

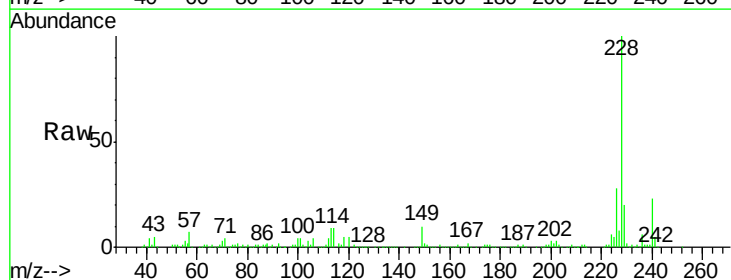
Tgt Ion:228 Resp: 527191

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

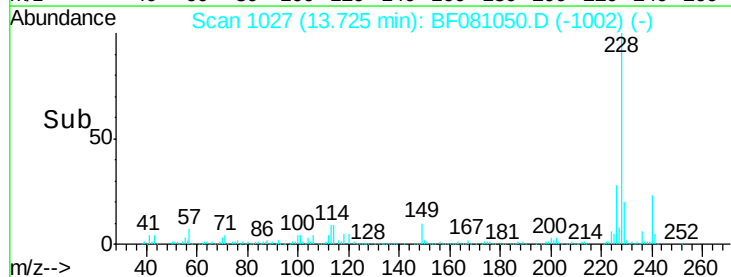
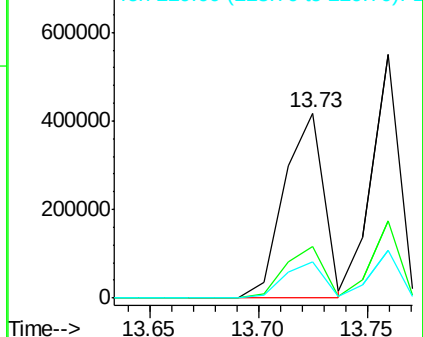
229 19.5 15.9 23.9

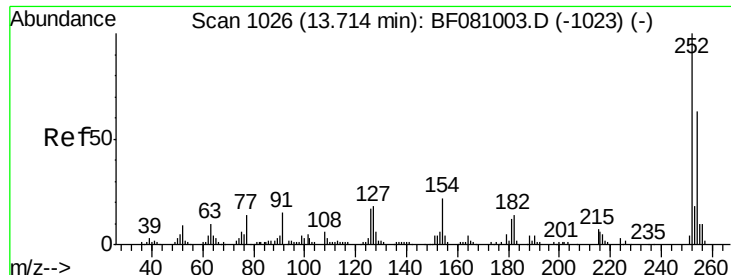


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

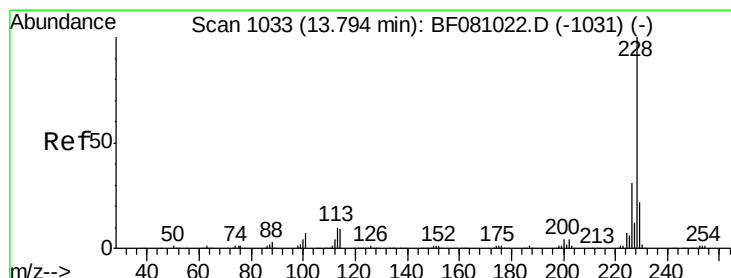
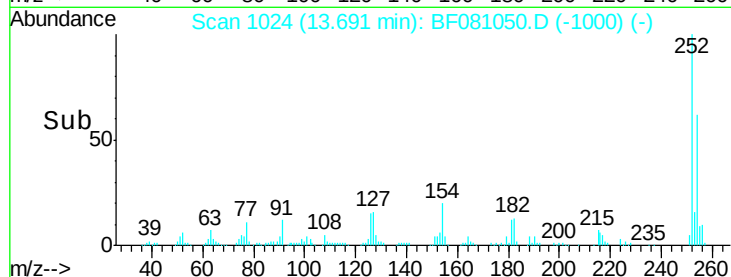
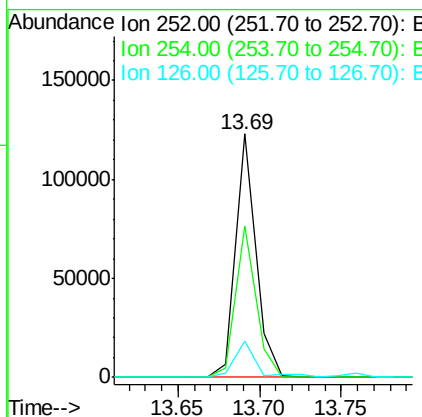
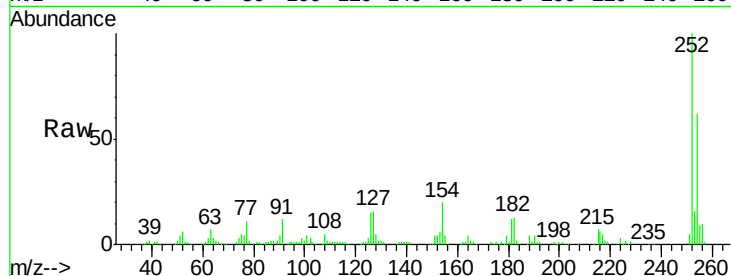




#81
 3,3'-Dichlorobenzidine
 Concen: 22.71 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

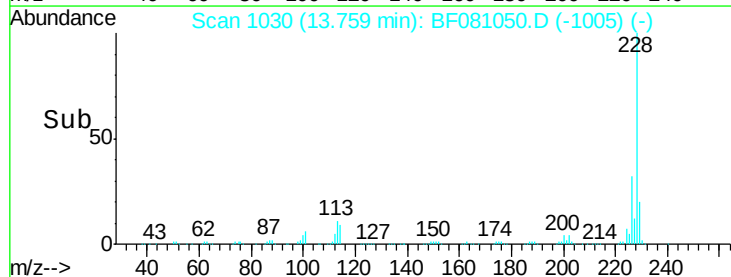
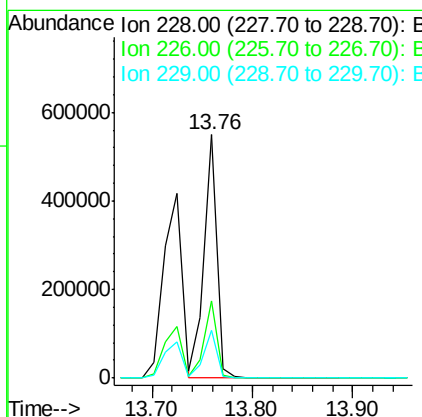
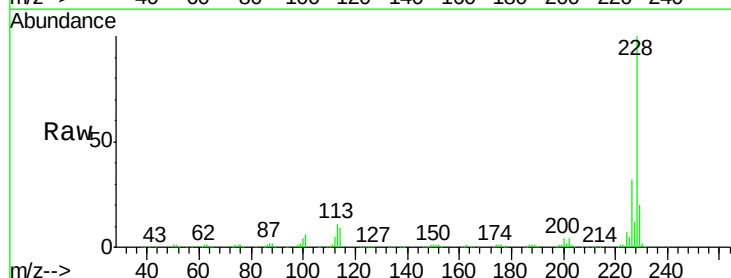
Instrument :
 BNA_F
 ClientSampleId :

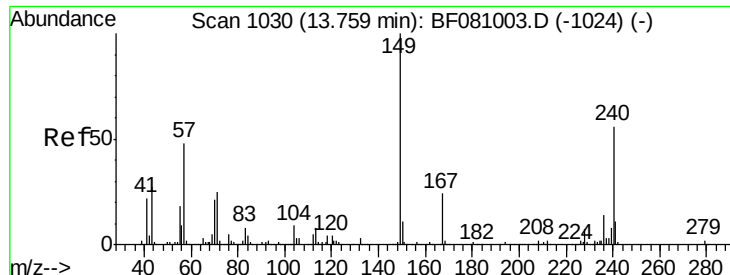
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.5	77.3
126	14.7	12.5	18.7



#82
 Chrysene
 Concen: 38.20 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.4	36.6
229	19.8	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.06 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

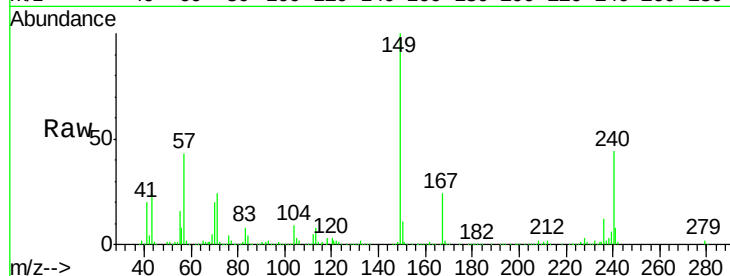
Tot Ion:149 Resp: 411039

Ion Ratio Lower Upper

149 100

167 24.3 20.7 31.1

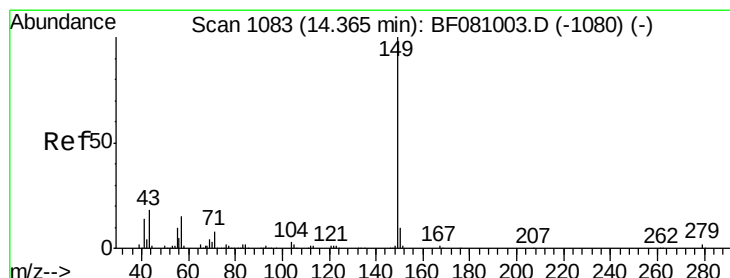
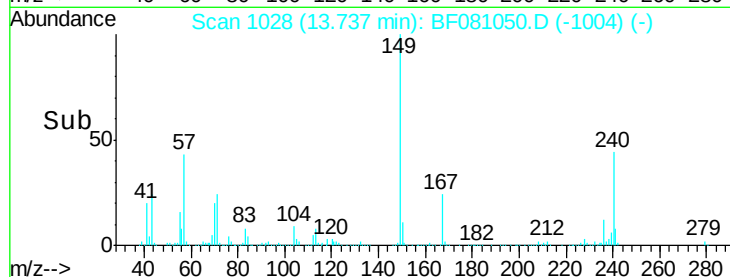
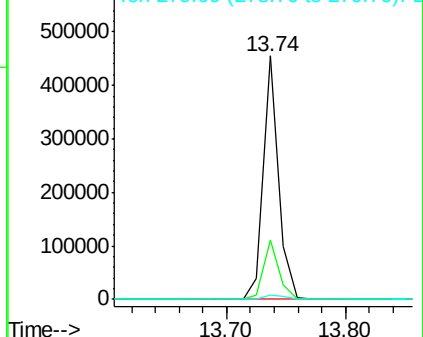
279 1.7 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.75 ng

RT: 14.34 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

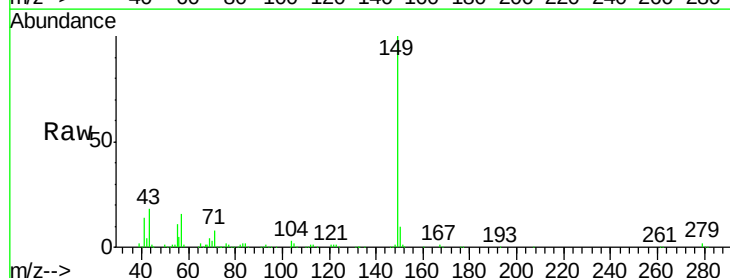
Tgt Ion:149 Resp: 721778

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

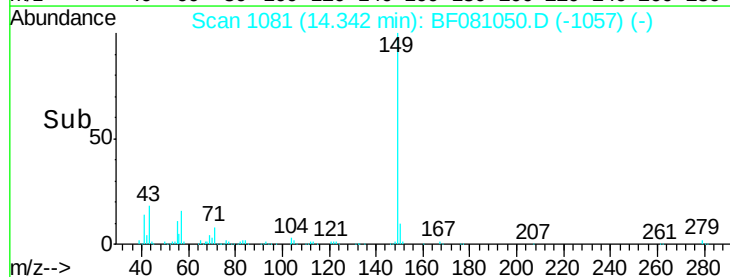
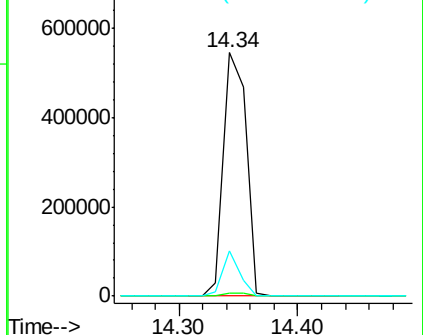
43 13.9 11.6 17.4

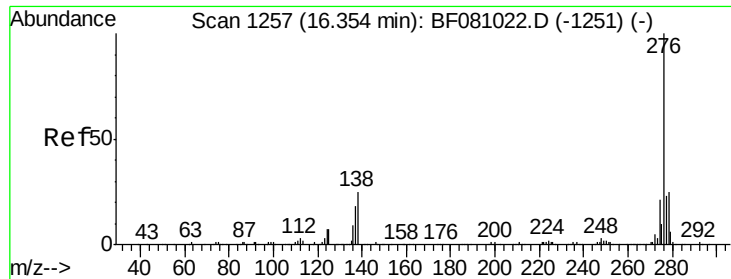


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

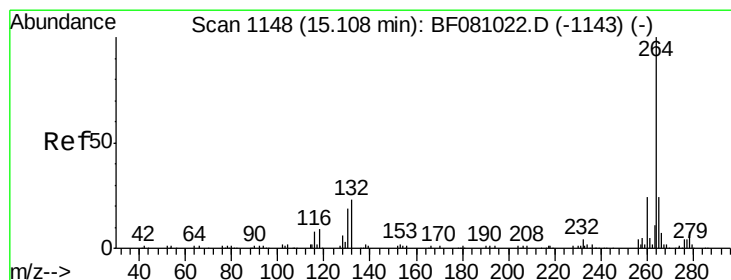
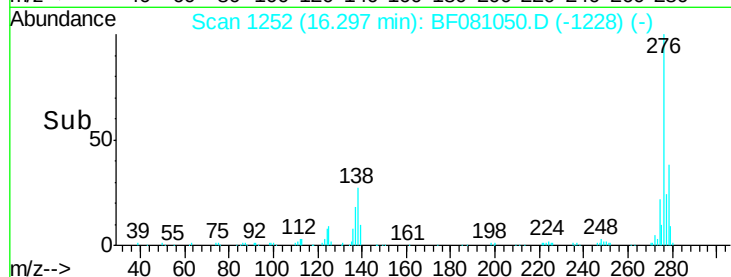
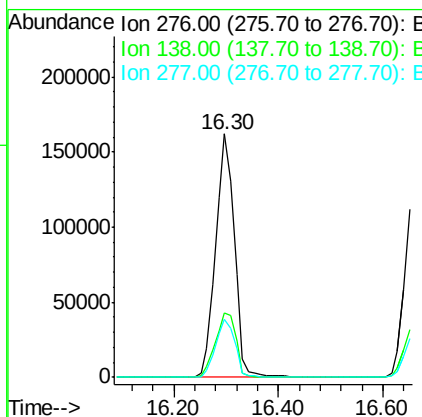
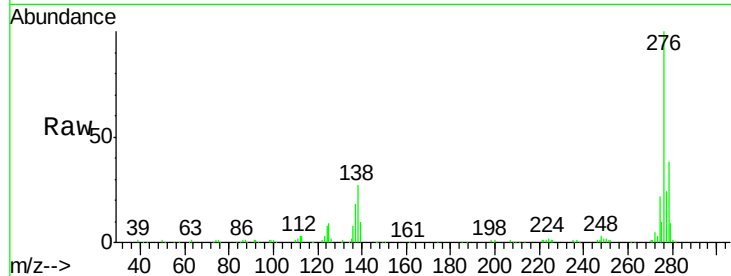




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.89 ng
 RT: 16.30 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

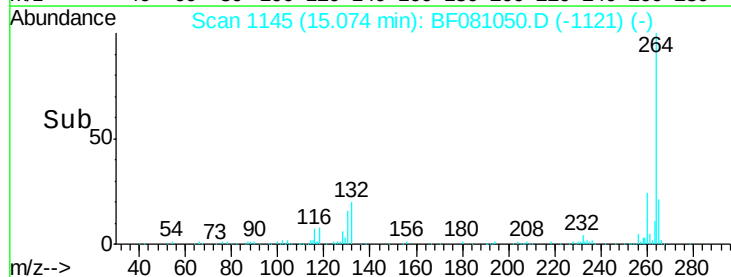
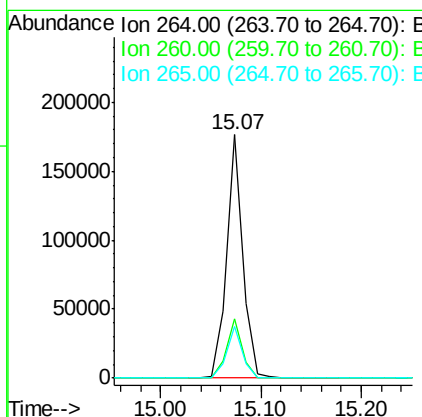
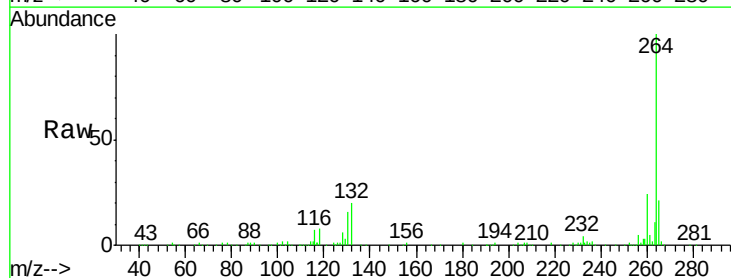
Instrument :
 BNA_F
 ClientSampleId :

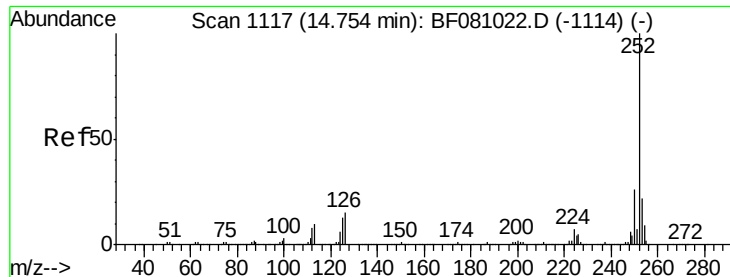
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	18.6	28.0#
277	24.6	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 63.17 ng

RT: 14.74 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

Instrument :

BNA_F

ClientSampleId :

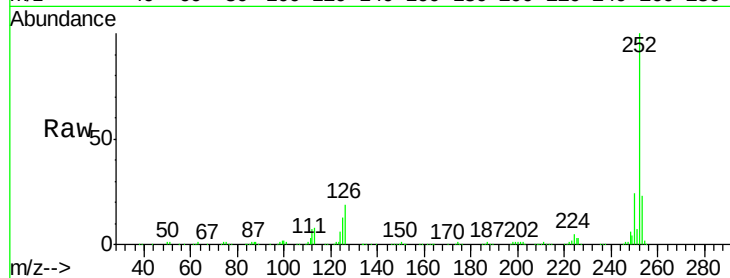
Tot Ion:252 Resp: 878449

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

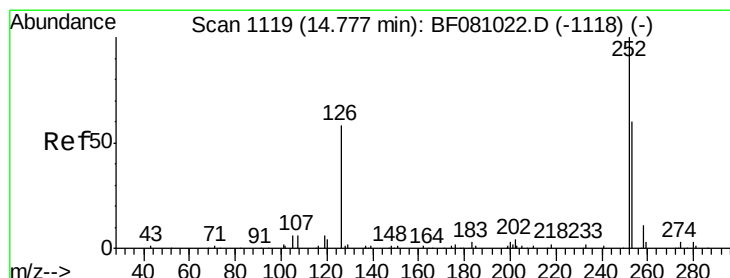
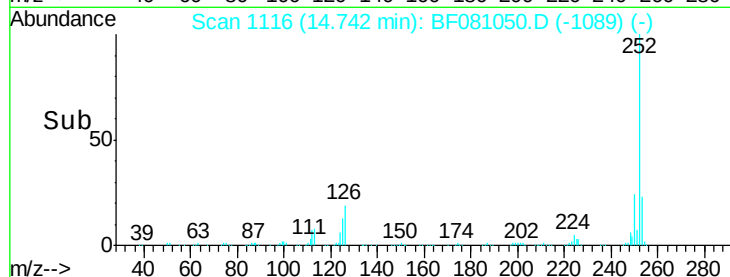
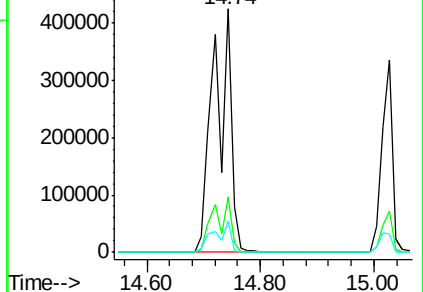
125 12.9 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 67.79 ng

RT: 14.74 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF081050.D

Acq: 18 Aug 2015 19:15

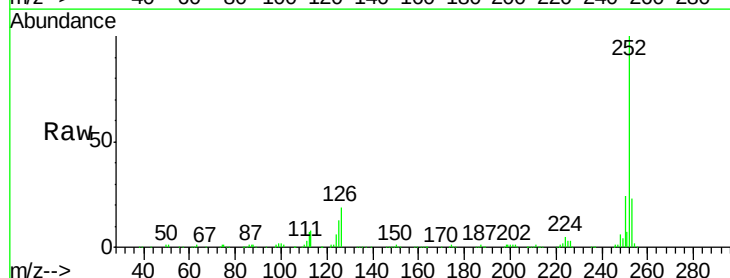
Tgt Ion:252 Resp: 878449

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

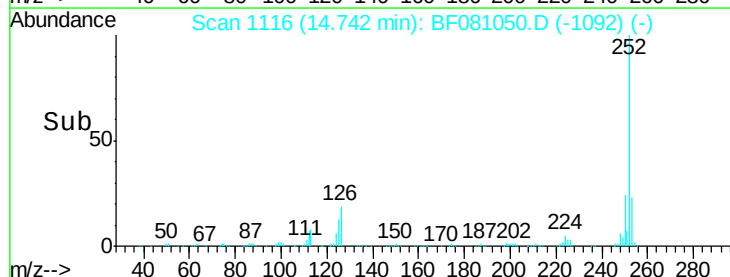
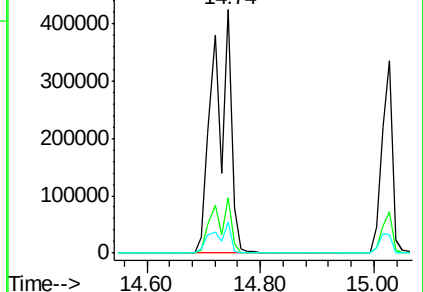
125 12.9 10.3 15.5

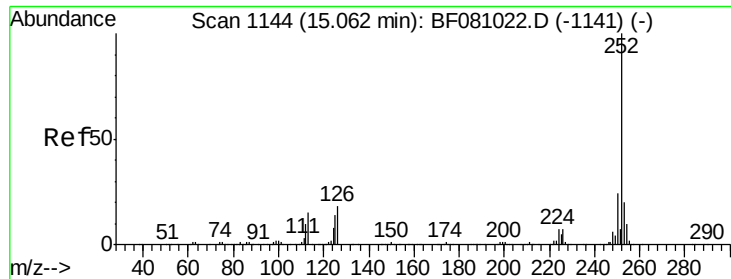


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

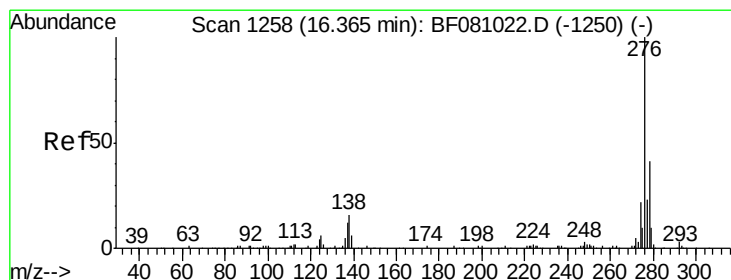
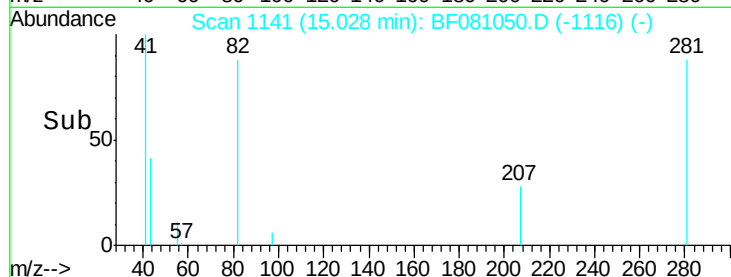
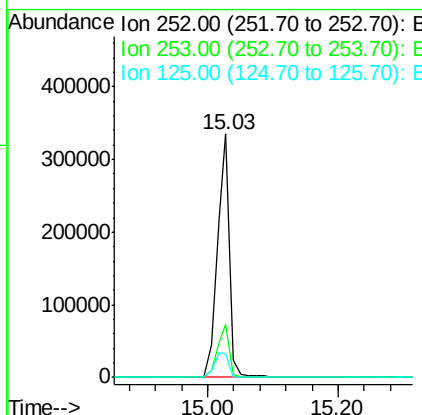
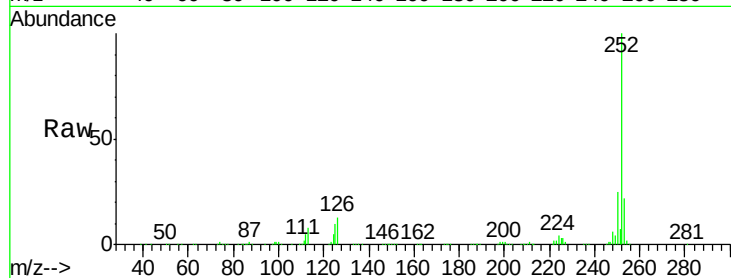




#89
Benzo(a)pyrene
Concen: 36.27 ng
RT: 15.03 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

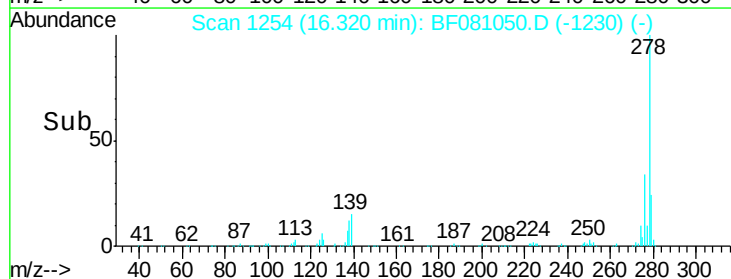
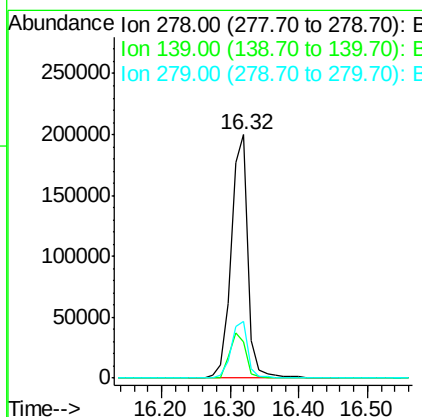
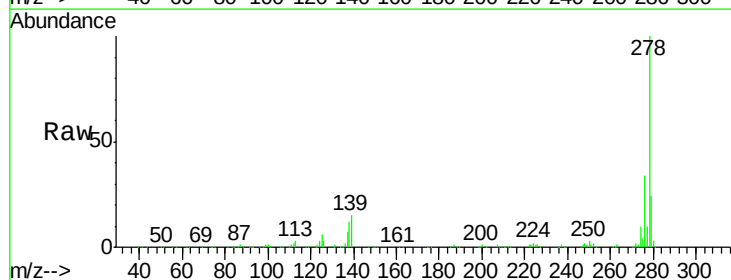
Instrument :
BNA_F
ClientSampleId :

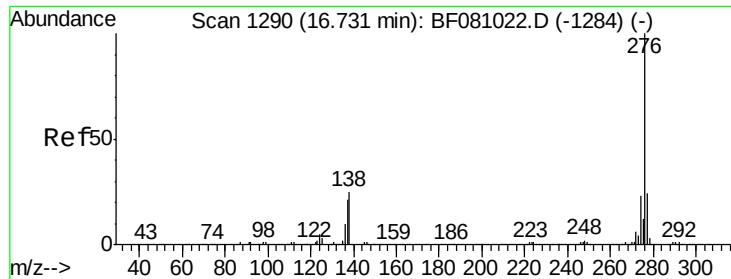
Tot Ion:252 Resp: 439433
Ion Ratio Lower Upper
252 100
253 21.8 16.6 25.0
125 9.8 7.8 11.8



#90
Dibenzo(a,h)anthracene
Concen: 36.41 ng
RT: 16.32 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF081050.D
Acq: 18 Aug 2015 19:15

Tgt Ion:278 Resp: 343727
Ion Ratio Lower Upper
278 100
139 14.7 10.8 16.2
279 23.5 19.0 28.6

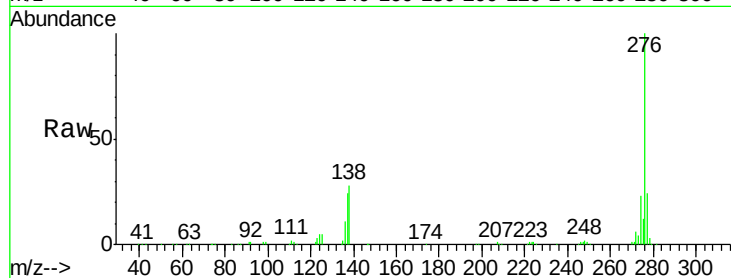




#91
 Benzo(a,h,i)perylene
 Concen: 33.77 ng
 RT: 16.66 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF081050.D
 Acq: 18 Aug 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.2	27.2
138	27.7	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

