

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
 Data File : BF081151.D
 Acq On : 21 Aug 2015 18:11
 Operator : UM/IZ
 Sample : G3312-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 23:29:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	60190	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	237884	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	118267	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	219767	20.00	ng	0.00
75) Chrysene-d12	13.67	240	151608	20.00	ng	0.00
86) Perylene-d12	15.00	264	124039	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	532962	133.18	ng	0.02
7) Phenol-d6	6.22	99	728705	139.56	ng	0.01
23) Nitrobenzene-d5	7.13	82	469906	90.24	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	155071	151.26	ng	0.01
44) 2-Fluorobiphenyl	8.93	172	800197	88.65	ng	0.00
78) Terphenyl-d14	12.64	244	700441	99.05	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.01	88	68226	36.18	ng	100
3) Pyridine	2.62	79	207538	38.99	ng	84
4) n-Nitrosodimethylamine	2.58	42	135828	45.84	ng	# 82
6) Aniline	6.22	93	240768	31.71	ng	# 52
8) 2-Chlorophenol	6.34	128	214969	49.08	ng	97
9) Benzaldehyde	6.09	77	98003	29.12	ng	98
10) Phenol	6.23	94	280811	45.54	ng	89
11) bis(2-Chloroethyl)ether	6.31	93	241280	50.99	ng	94
12) 1,3-Dichlorobenzene	6.73	146	209697	44.55	ng	97
13) 1,4-Dichlorobenzene	6.57	146	197486	42.38	ng	93
14) 1,2-Dichlorobenzene	6.73	146	209925	48.13	ng	92
15) Benzyl Alcohol	6.72	79	220518	52.20	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	448763	48.27	ng	98
17) 2-Methylphenol	6.84	107	171043	45.51	ng	97
18) Hexachloroethane	7.06	117	80038	42.50	ng	# 88
19) n-Nitroso-di-n-propylamine	7.00	70	166755	46.11	ng	91
20) 3+4-Methylphenols	7.00	107	219704	46.06	ng	# 48
22) Acetophenone	6.98	105	322519	51.64	ng	# 88
24) Nitrobenzene	7.16	77	288512	52.99	ng	94
25) Isophorone	7.40	82	459211	47.29	ng	98
26) 2-Nitrophenol	7.46	139	103893	45.88	ng	# 87
27) 2,4-Dimethylphenol	7.52	122	173586	43.33	ng	93
28) bis(2-Chloroethoxy)methane	7.61	93	263710	45.97	ng	100
29) 2,4-Dichlorophenol	7.72	162	181708	53.88	ng	94
30) 1,2,4-Trichlorobenzene	7.80	180	185479	49.48	ng	99
31) Naphthalene	7.86	128	578840	43.65	ng	98
32) Benzoic acid	7.61	122	19283	8.56	ng	91
33) 4-Chloroaniline	7.92	127	179100	32.01	ng	96
34) Hexachlorobutadiene	7.99	225	98717	46.57	ng	98
35) Caprolactam	8.24	113	2649	2.25	ng	91
36) 4-Chloro-3-methylphenol	8.42	107	231747	57.66	ng	96
37) 2-Methylnaphthalene	8.56	142	415110	49.56	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	158806	41.62	ng	# 97
40) Hexachlorocyclopentadiene	8.71	237	77539	39.26	ng	98

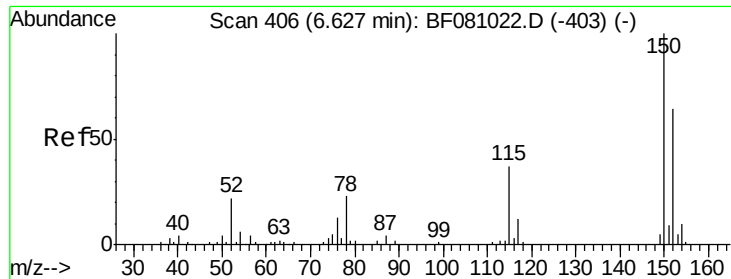
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	117279	43.51	nq	99
43) 2,4,5-Trichlorophenol	8.88	196	120612	44.77	nq	# 89
45) 1,1'-Biphenyl	9.02	154	439526	42.19	nq	96
46) 2-Chloronaphthalene	9.04	162	367094	43.86	nq	95
47) 2-Nitroaniline	9.14	65	176320	51.48	nq	95
48) Acenaphthylene	9.45	152	640567	42.79	nq	99
49) Dimethylphthalate	9.34	163	553790	56.86	nq	100
50) 2,6-Dinitrotoluene	9.40	165	104423	49.93	nq	# 81
51) Acenaphthene	9.62	154	378219	42.20	nq	99
52) 3-Nitroaniline	9.56	138	95337	36.43	nq	87
53) 2,4-Dinitrophenol	9.66	184	32368	33.05	nq	# 74
54) Dibenzofuran	9.80	168	558208	46.48	nq	97
55) 4-Nitrophenol	9.74	139	183670	99.93	nq	# 77
56) 2,4-Dinitrotoluene	9.80	165	132012	47.63	nq	97
57) Fluorene	10.13	166	411946	44.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	98277	47.13	nq	97
59) Diethylphthalate	10.02	149	469753	45.57	nq	99
60) 4-Chlorophenyl-phenylether	10.13	204	172221	44.05	nq	93
61) 4-Nitroaniline	10.16	138	108756	40.66	nq	93
62) Azobenzene	10.29	77	522550	43.99	nq	97
64) 4,6-Dinitro-2-methylphenol	10.20	198	35215	26.83	nq	# 61
65) n-Nitrosodiphenylamine	10.25	169	350311	44.65	nq	100
66) 4-Bromophenyl-phenylether	10.62	248	113338	52.50	nq	# 92
67) Hexachlorobenzene	10.68	284	110610	50.59	nq	# 93
68) Atrazine	10.79	200	123329	56.43	nq	99
69) Pentachlorophenol	10.87	266	114682	87.42	nq	98
70) Phenanthrene	11.09	178	629515	48.33	nq	100
71) Anthracene	11.13	178	572864	45.20	nq	100
72) Carbazole	11.29	167	574520	47.08	nq	99
73) Di-n-butylphthalate	11.64	149	682586	46.23	nq	98
74) Fluoranthene	12.25	202	619585	44.08	nq	92
76) Benzidine	12.39	184	211801	36.98	nq	99
77) Pyrene	12.48	202	671531	54.49	nq	99
79) Butylbenzylphthalate	13.12	149	317769	59.98	nq	97
80) Benzo(a)anthracene	13.66	228	487110	47.91	nq	100
81) 3,3'-Dichlorobenzidine	13.64	252	168736	51.24	nq	# 97
82) Chrysene	13.69	228	427616	46.67	nq	99
83) Bis(2-ethylhexyl)phthalate	13.68	149	417729	61.56	nq	# 98
84) Di-n-octyl phthalate	14.29	149	641877	62.24	nq	98
85) Indeno(1,2,3-cd)pyrene	16.19	276	360290	56.00	nq	# 94
87) Benzo(b)fluoranthene	14.65	252	738535	84.17	nq	98
88) Benzo(k)fluoranthene	14.65	252	738535	90.34	nq	98
89) Benzo(a)pyrene	14.95	252	350154	45.80	nq	# 95
90) Dibenzo(a,h)anthracene	16.21	278	297054	49.87	nq	# 97
91) Benzo(g,h,i)perylene	16.55	276	292563	48.41	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 409

Delta R.T. -0.00 min

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BNA_F

ClientSampleId :

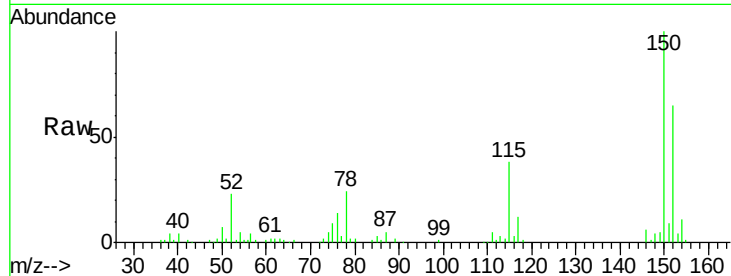
Tot Ion:152 Resp: 60190

Ion Ratio Lower Upper

152 100

150 154.4 123.8 185.6

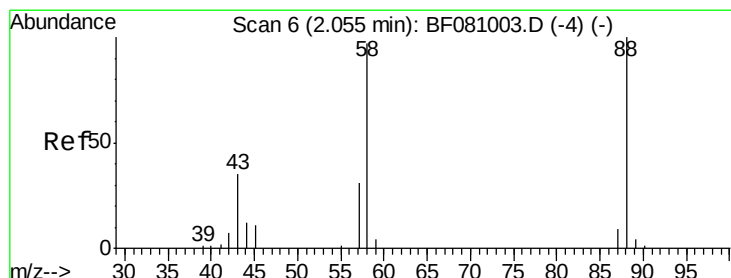
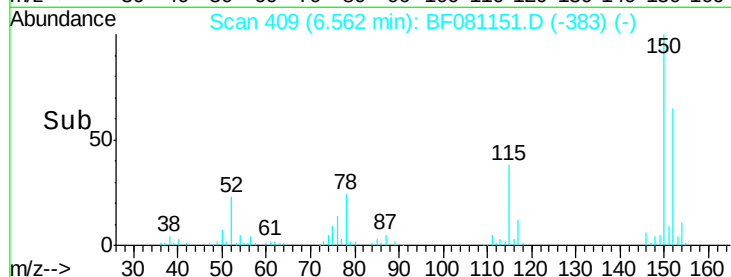
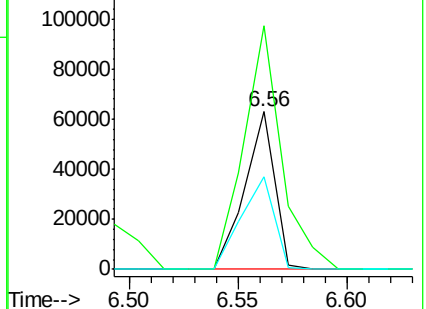
115 58.6 52.1 78.1



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: 36.18 ng

RT: 2.01 min Scan# 11

Delta R.T. 0.07 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

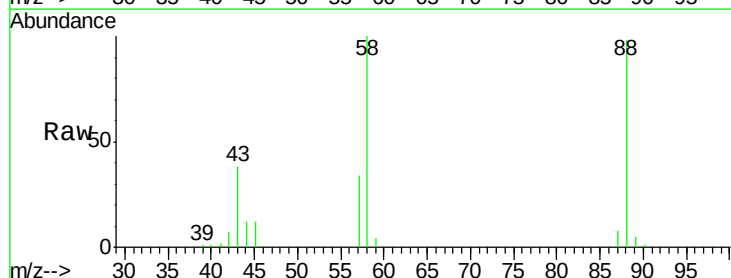
Tgt Ion: 88 Resp: 68226

Ion Ratio Lower Upper

88 100

58 104.4 83.7 125.5

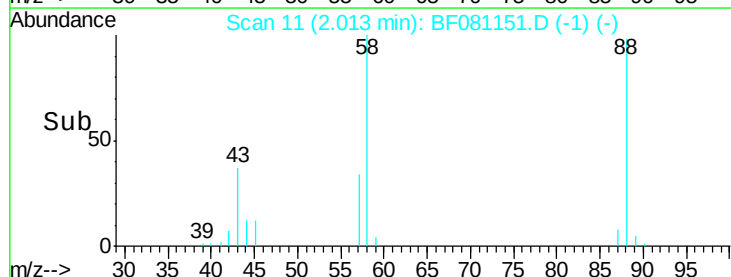
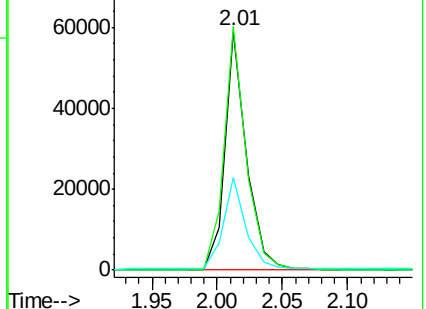
43 46.8 37.5 56.3

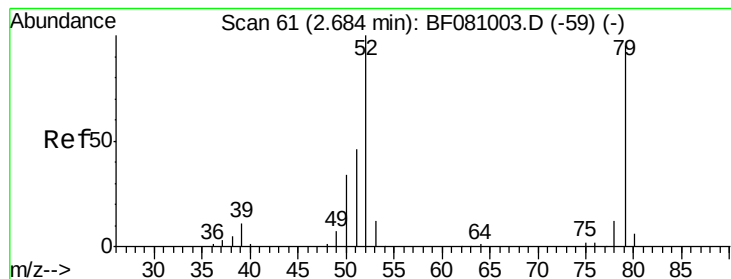


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.99 ng

RT: 2.62 min Scan# 64

Delta R.T. 0.06 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampled :

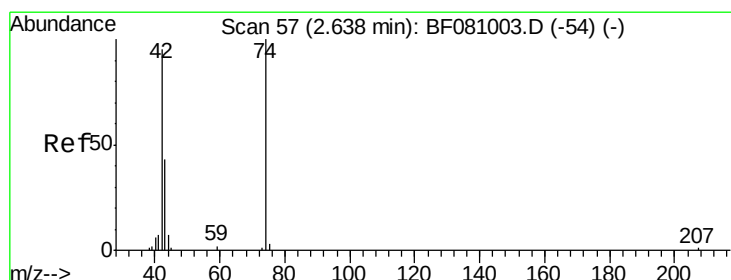
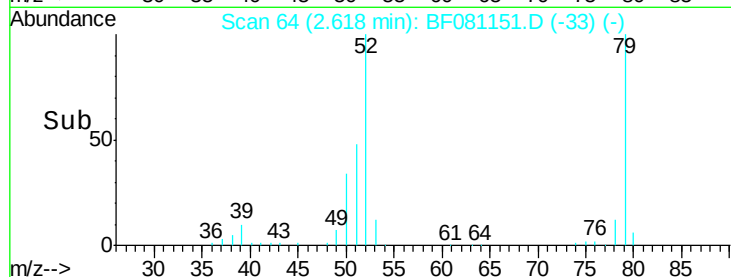
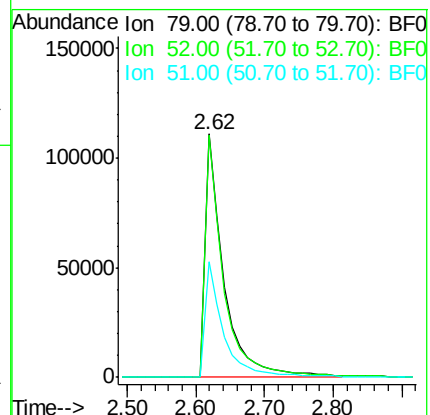
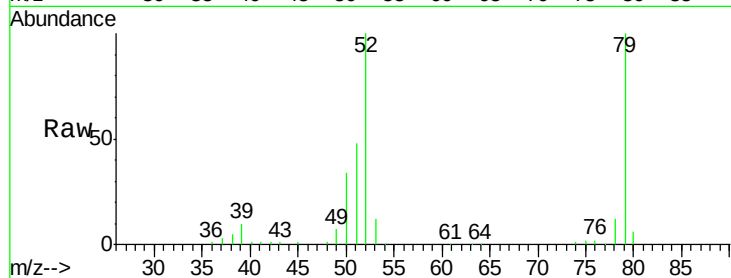
Tot Ion: 79 Resp: 207538

Ion Ratio Lower Upper

79 100

52 99.7 95.1 142.7

51 47.6 46.6 70.0



#4

n-Nitrosodimethylamine

Concen: 45.84 ng

RT: 2.58 min Scan# 61

Delta R.T. 0.07 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

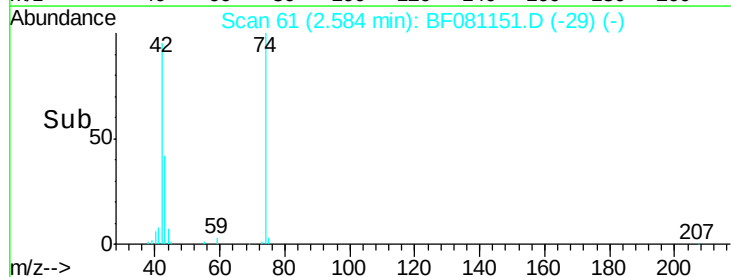
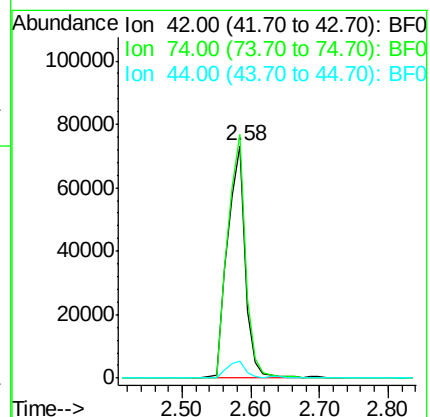
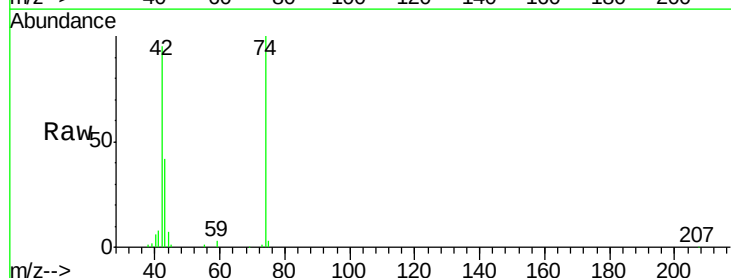
Tgt Ion: 42 Resp: 135828

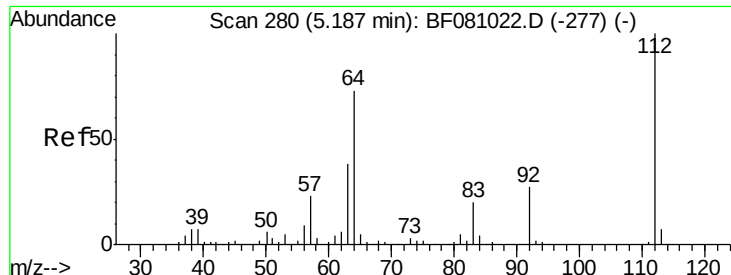
Ion Ratio Lower Upper

42 100

74 104.8 69.3 103.9#

44 7.3 5.5 8.3

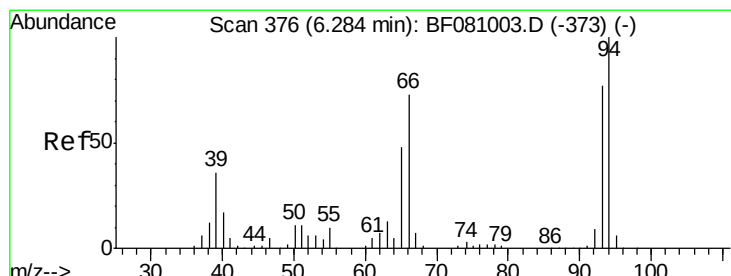
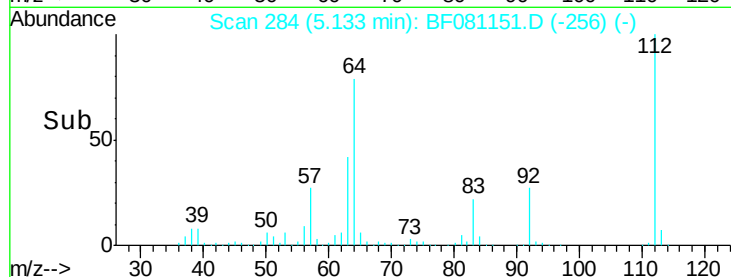
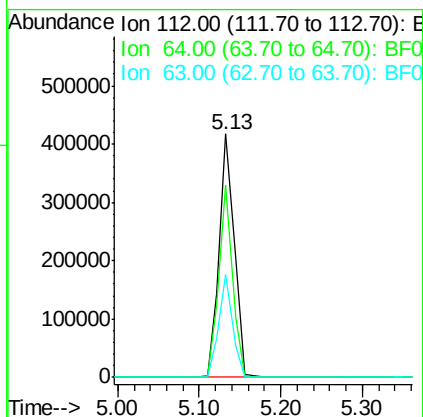
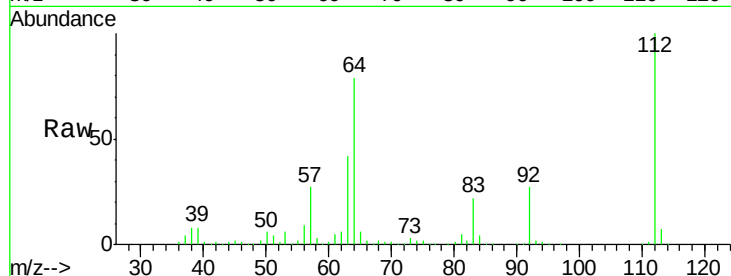




#5
 2-Fluorophenol
 Concen: 133.18 ng
 RT: 5.13 min Scan# 284
 Delta R.T. 0.02 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

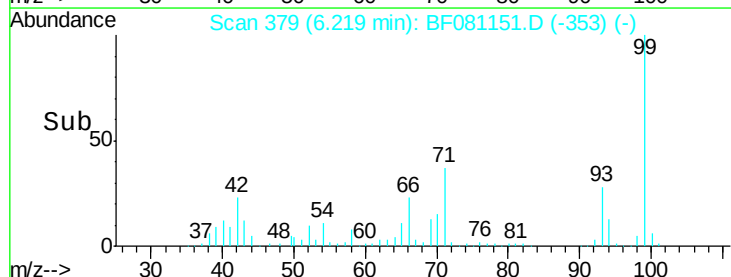
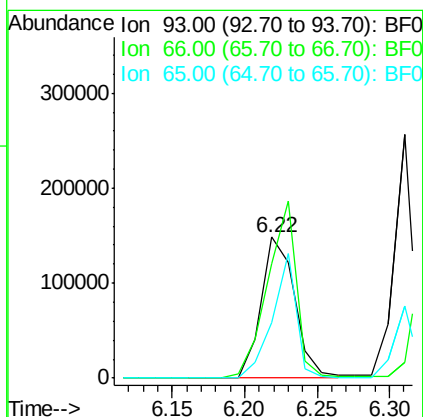
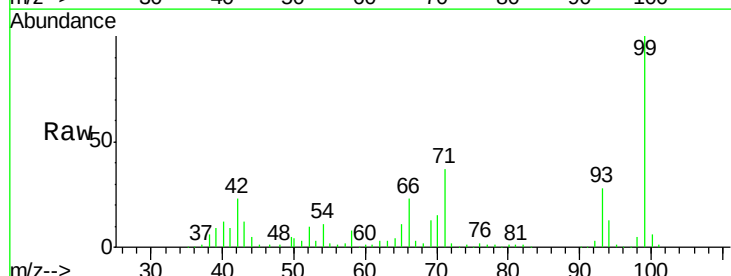
Instrument :
 BNA_F
 ClientSampled :

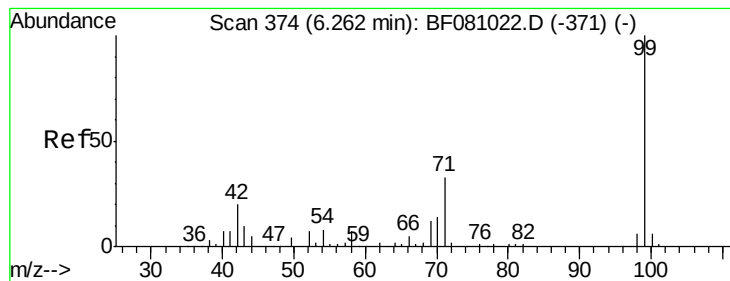
Tot Ion	Ratio	Lower	Upper
112	100		
64	79.3	66.9	100.3
63	42.3	38.1	57.1



#6
 Aniline
 Concen: 31.71 ng
 RT: 6.22 min Scan# 379
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Tgt Ion	Ratio	Lower	Upper
93	100		
66	81.2	35.6	53.4#
65	39.7	18.7	28.1#





#7

Phenol-d6

Concen: 139.56 ng

RT: 6.22 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampleId :

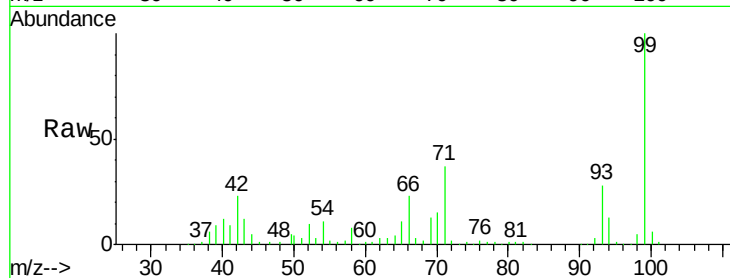
Tot Ion: 99 Resp: 728705

Ion Ratio Lower Upper

99 100

42 23.4 19.6 29.4

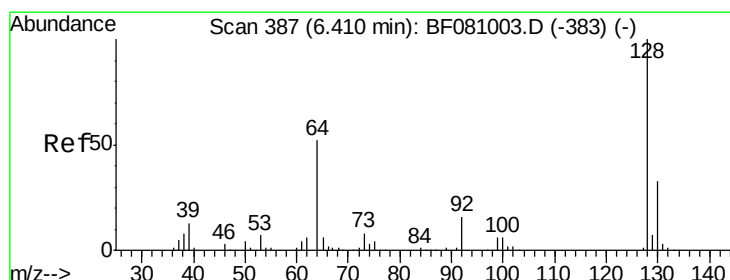
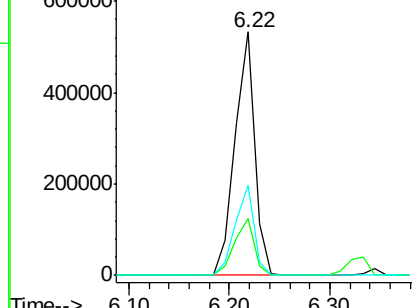
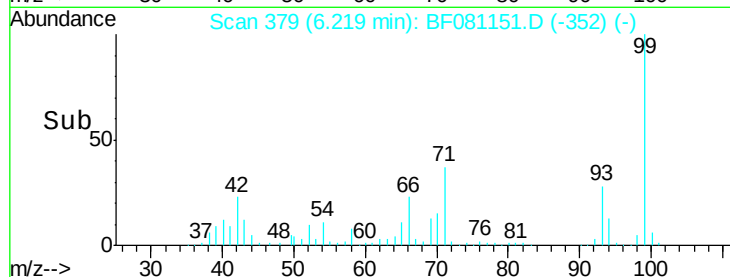
71 36.9 31.2 46.8



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: 49.08 ng

RT: 6.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

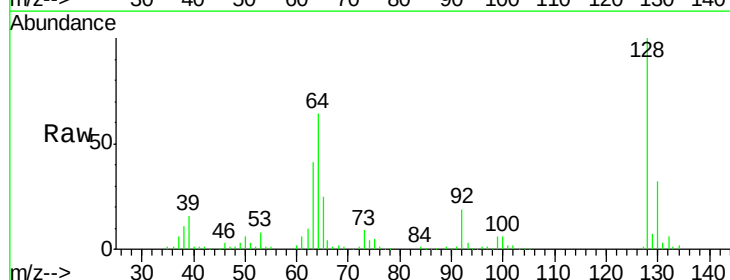
Tgt Ion:128 Resp: 214969

Ion Ratio Lower Upper

128 100

130 31.8 12.5 52.5

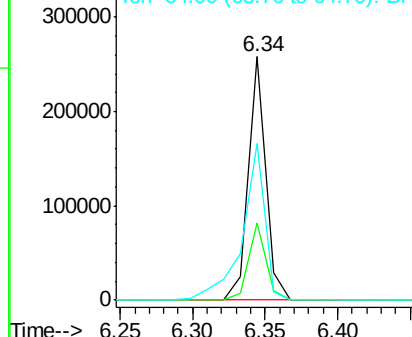
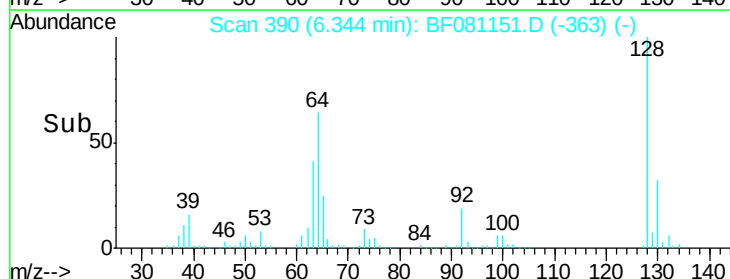
64 64.2 46.8 86.8

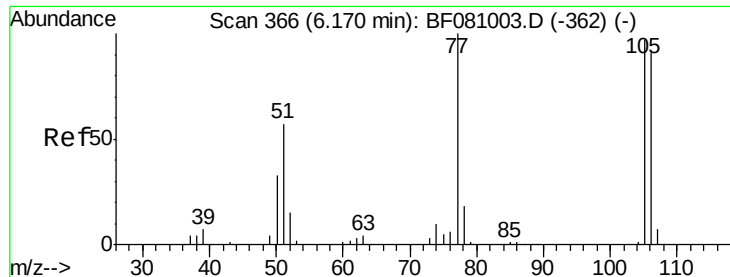


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

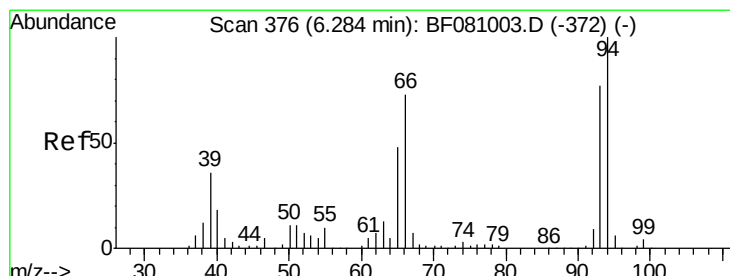
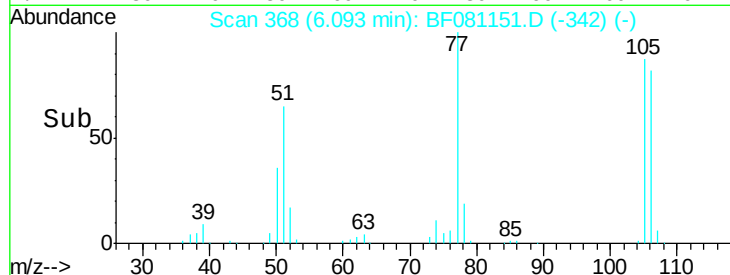
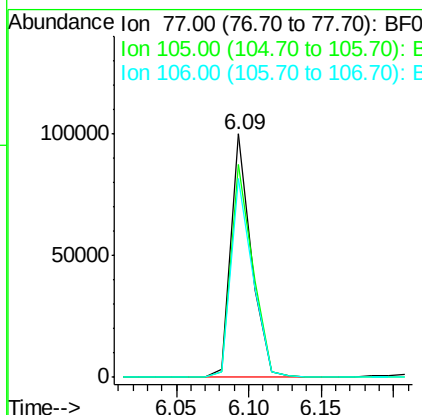
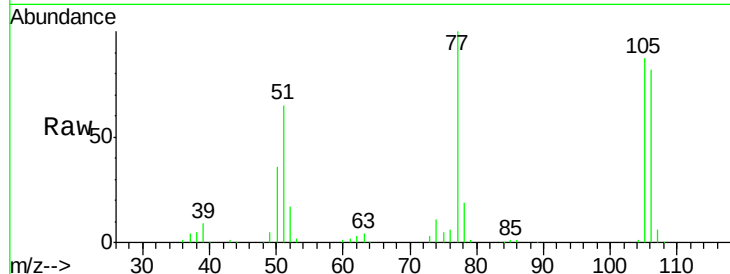




#9
Benzaldehyde
Concen: 29.12 ng
RT: 6.09 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

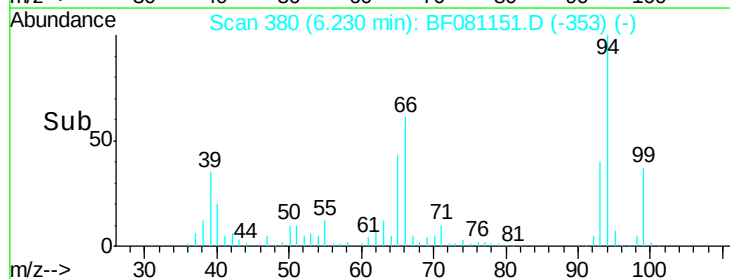
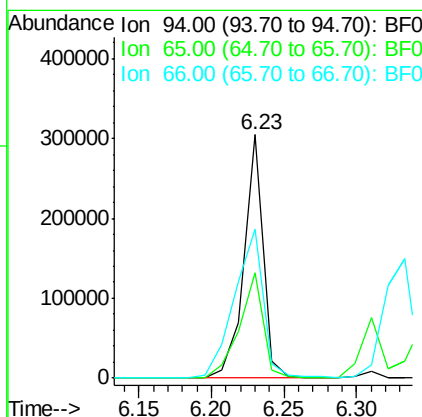
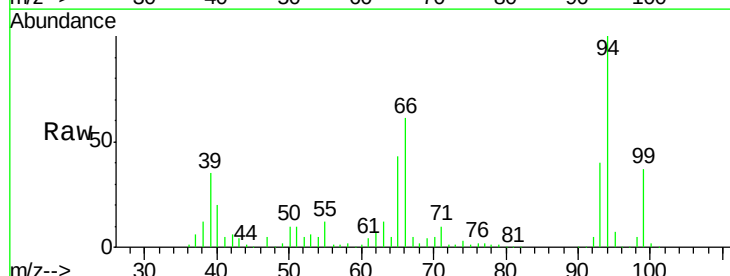
Instrument :
BNA_F
ClientSampleId :

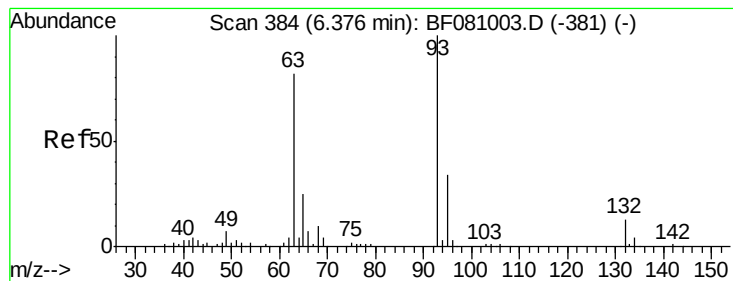
Tot Ion: 77 Resp: 98003
Ion Ratio Lower Upper
77 100
105 87.4 69.6 109.6
106 81.8 64.0 104.0



#10
Phenol
Concen: 45.54 ng
RT: 6.23 min Scan# 380
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion: 94 Resp: 280811
Ion Ratio Lower Upper
94 100
65 43.0 28.4 68.4
66 61.2 52.3 92.3

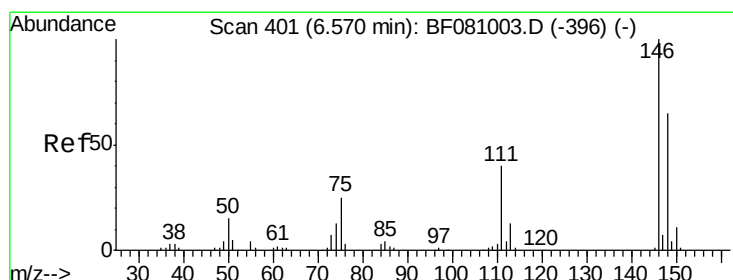
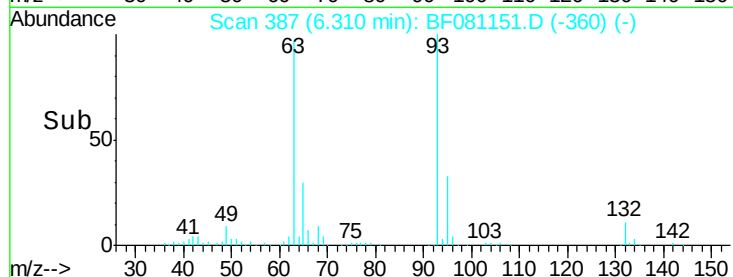
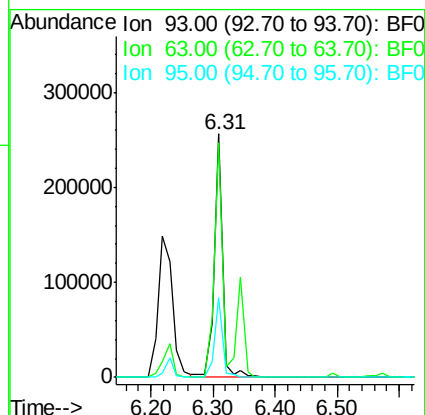
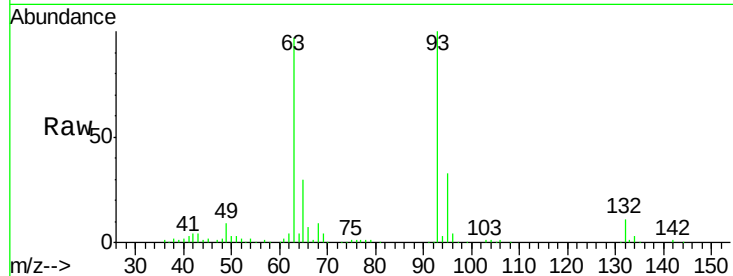




#11
bis(2-Chloroethyl)ether
Concen: 50.99 ng
RT: 6.31 min Scan# 387
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

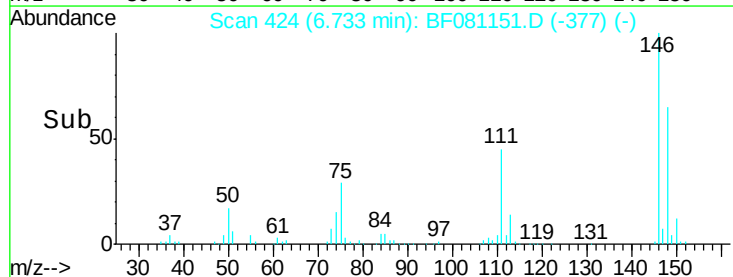
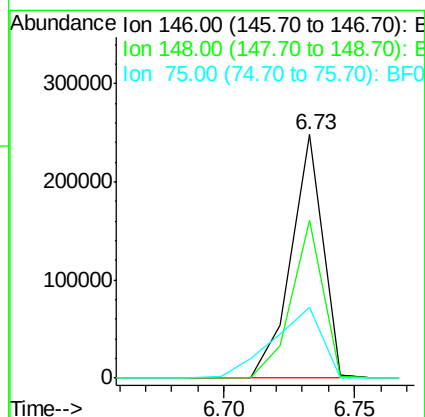
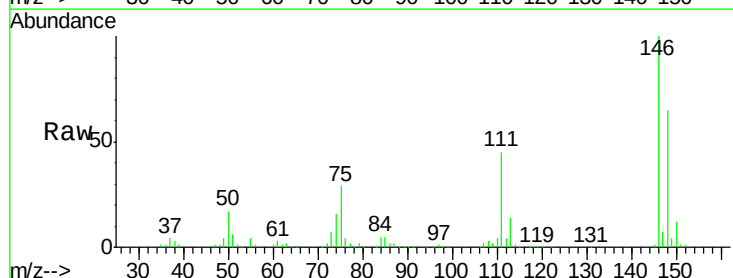
Instrument :
BNA_F
ClientSampleId :

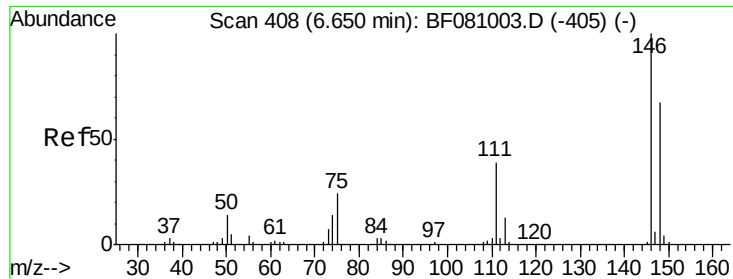
Tot Ion: 93 Resp: 241280
Ion Ratio Lower Upper
93 100
63 96.5 69.6 109.6
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.55 ng
RT: 6.73 min Scan# 424
Delta R.T. 0.24 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion: 146 Resp: 209697
Ion Ratio Lower Upper
146 100
148 65.0 53.3 79.9
75 29.0 25.0 37.6

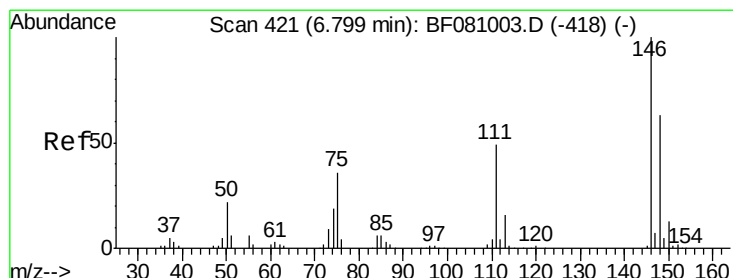
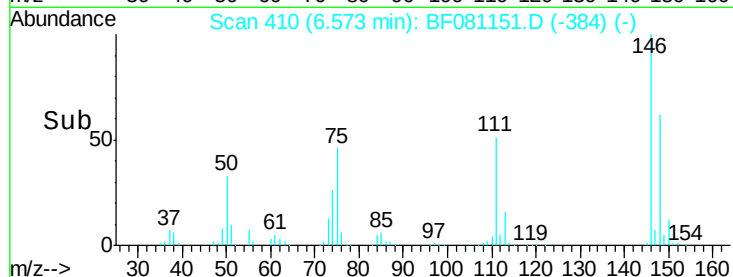
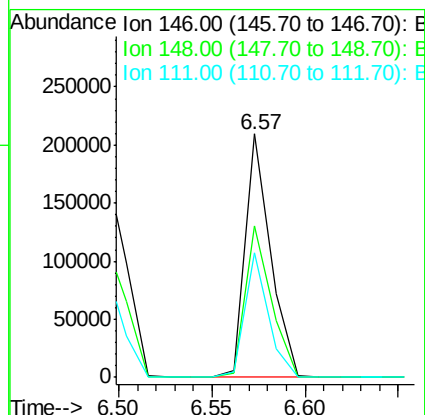
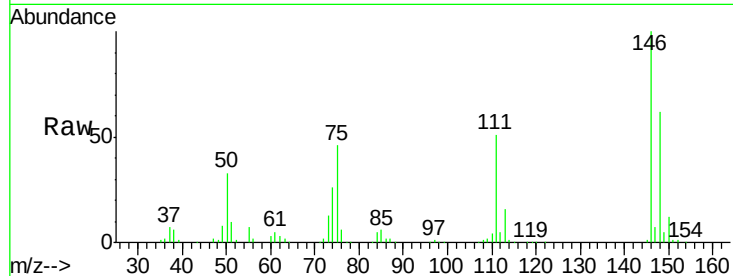




#13
 1,4-Dichlorobenzene
 Concen: 42.38 ng
 RT: 6.57 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

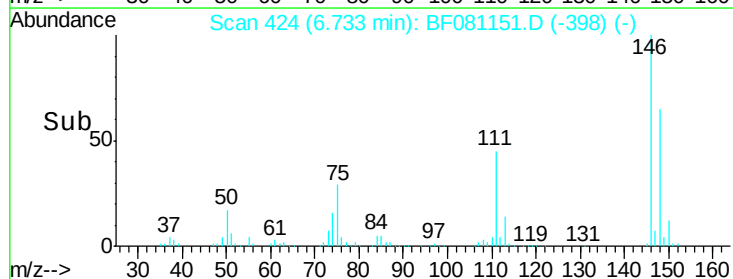
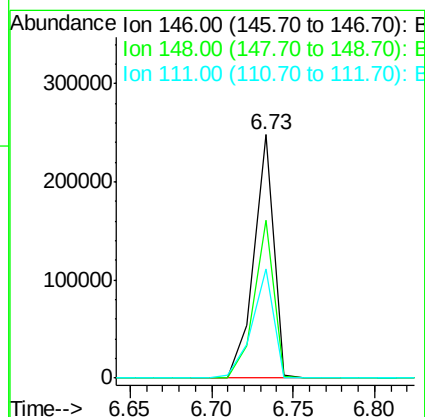
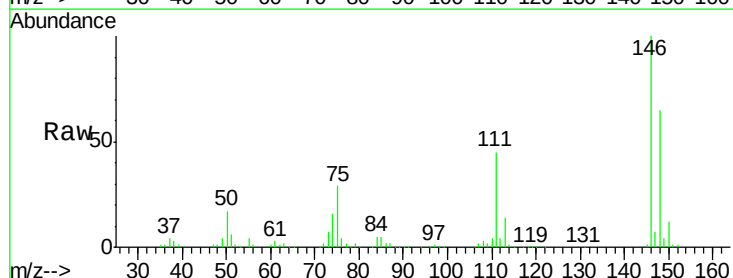
Instrument :
 BNA_F
 ClientSampleId :

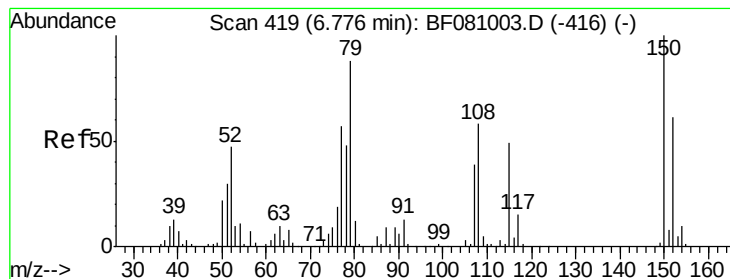
Tot Ion:146 Resp: 197486
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.3 78.5
 111 51.0 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 48.13 ng
 RT: 6.73 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Tgt Ion:146 Resp: 209925
 Ion Ratio Lower Upper
 146 100
 148 65.0 48.7 73.1
 111 44.9 42.3 63.5





#15

Benzyl Alcohol

Concen: 52.20 ng

RT: 6.72 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampled :

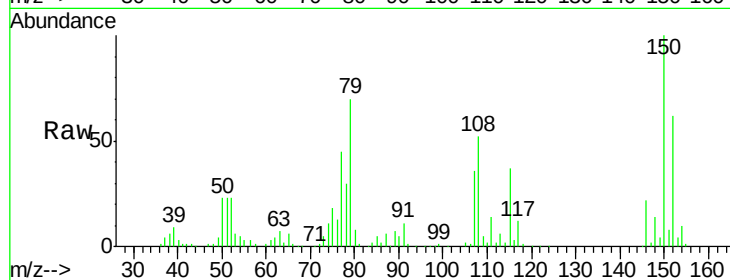
Tot Ion: 79 Resp: 220518

Ion Ratio Lower Upper

79 100

108 74.5 49.4 74.2#

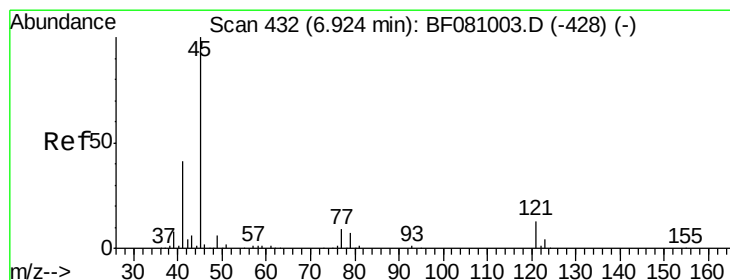
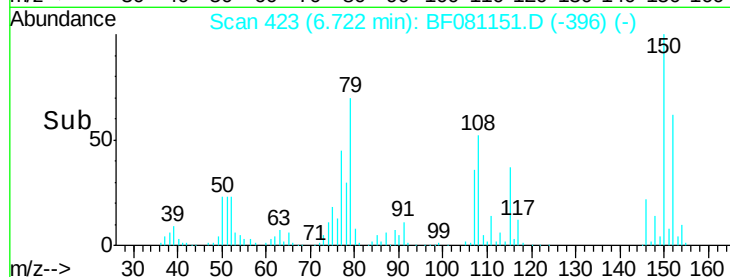
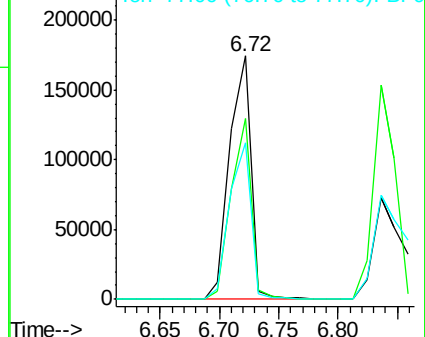
77 64.1 51.4 77.0



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: 48.27 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

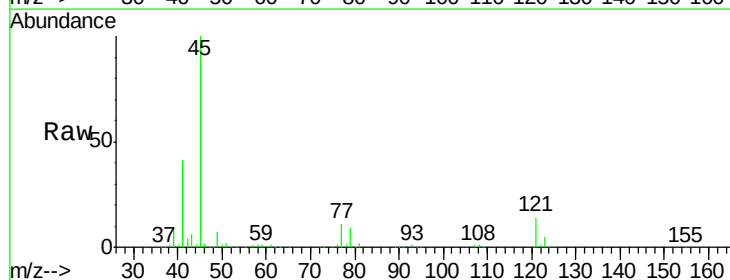
Tgt Ion: 45 Resp: 448763

Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.2

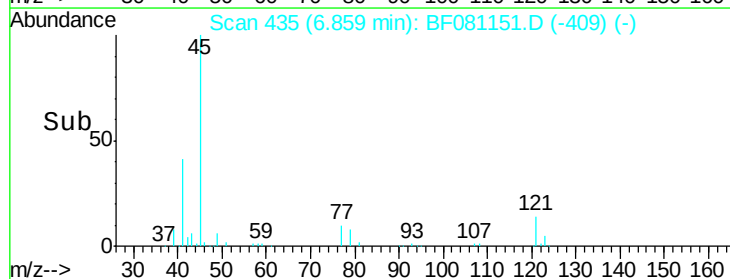
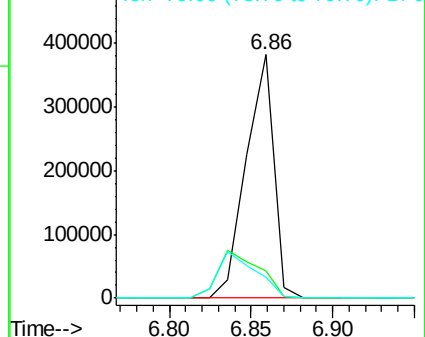
79 8.6 0.0 28.0

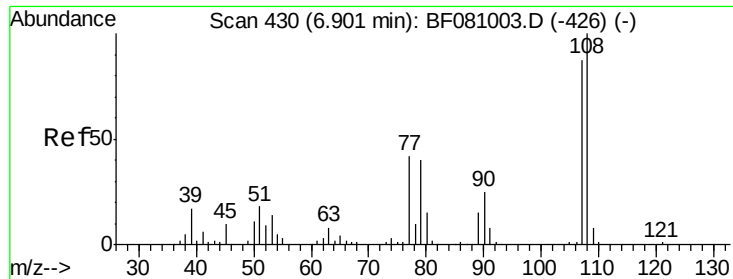


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

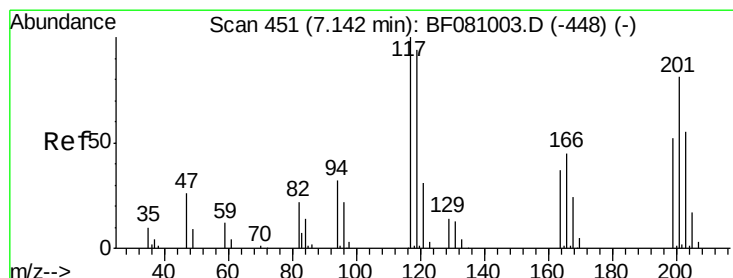
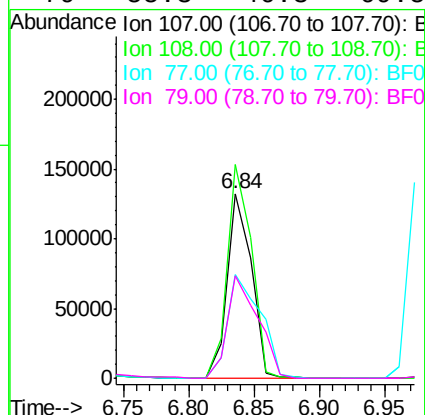
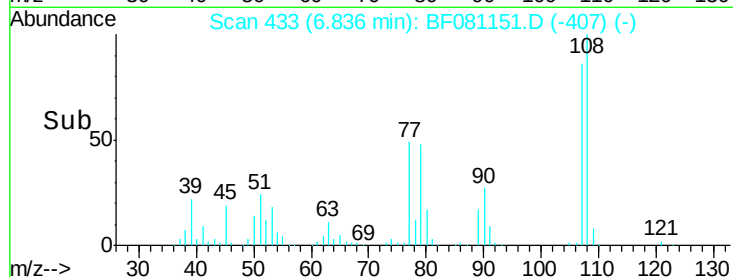
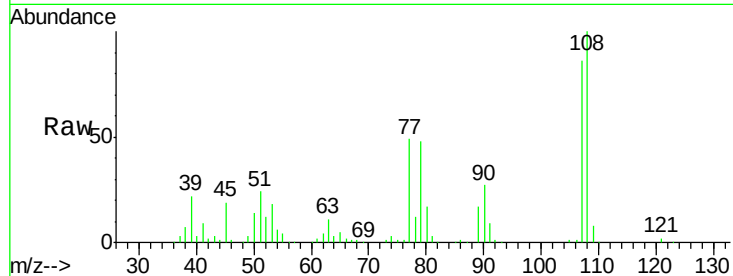




#17
2-Methylphenol
Concen: 45.51 ng
RT: 6.84 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

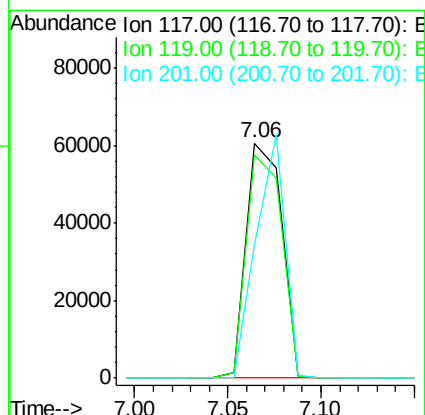
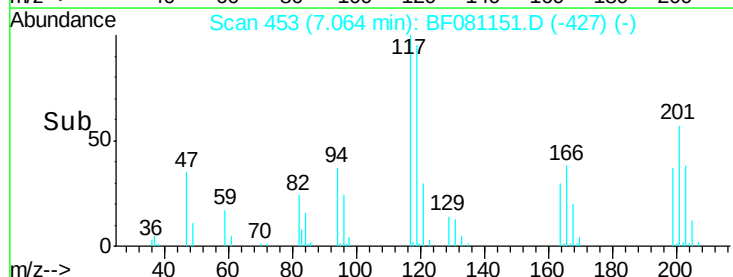
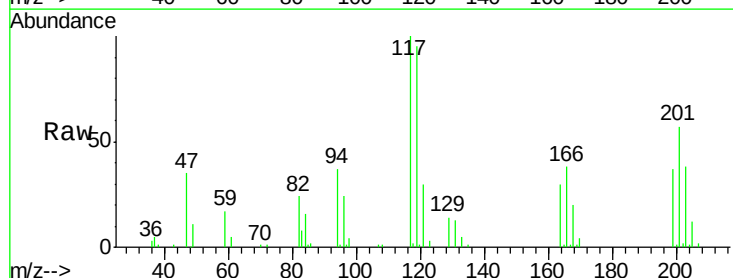
Instrument :
BNA_F
ClientSampleId :

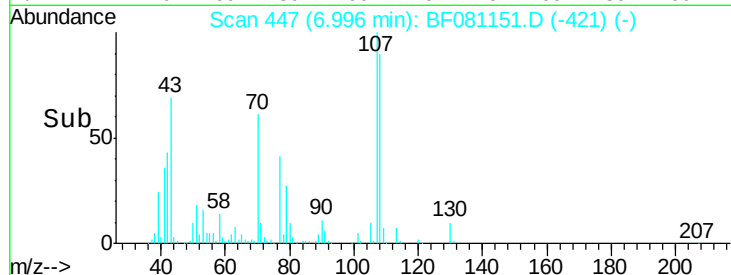
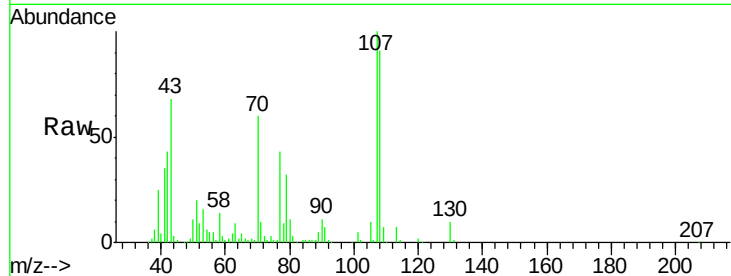
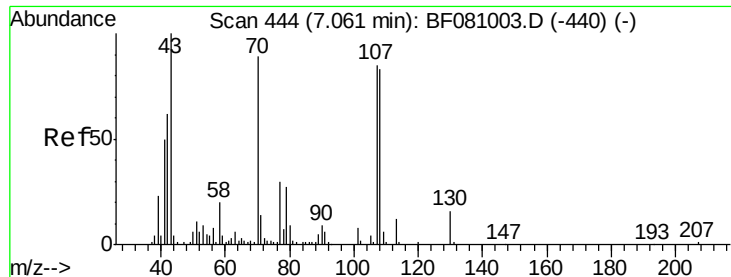
Tot Ion:	107	Resp:	171043
Ion	Ratio	Lower	Upper
107	100		
108	115.7	90.4	135.6
77	56.4	46.5	69.7
79	55.3	46.3	69.5



#18
Hexachloroethane
Concen: 42.50 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:	117	Resp:	80038
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.9	116.9
201	56.7	61.3	91.9#

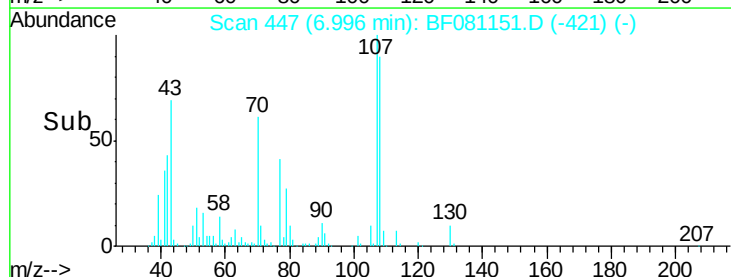
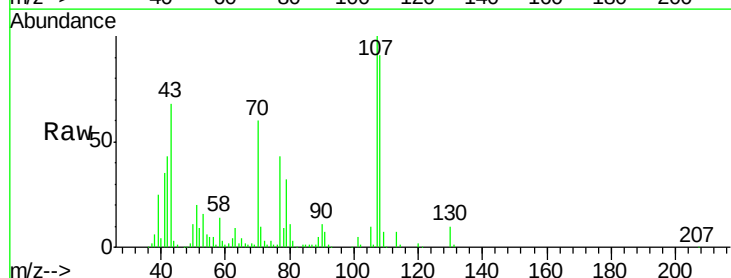
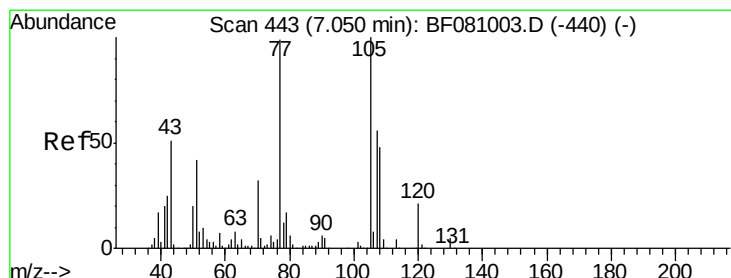
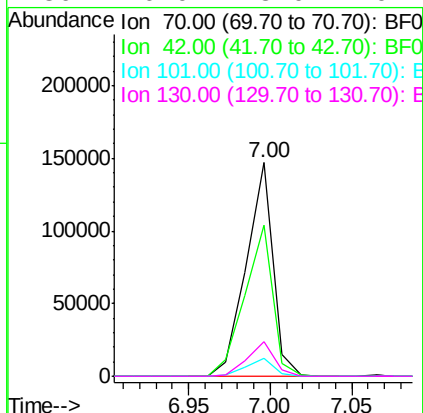




#19
n-Nitroso-di-n-propylamine
Concen: 46.11 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

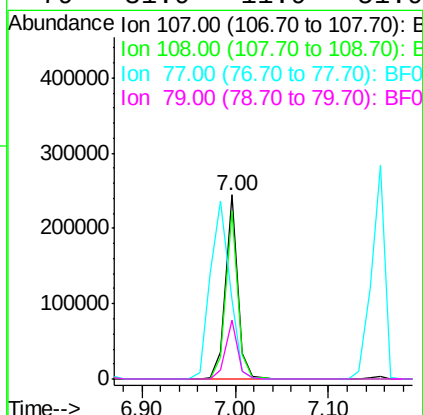
Instrument :
BNA_F
ClientSampleId :

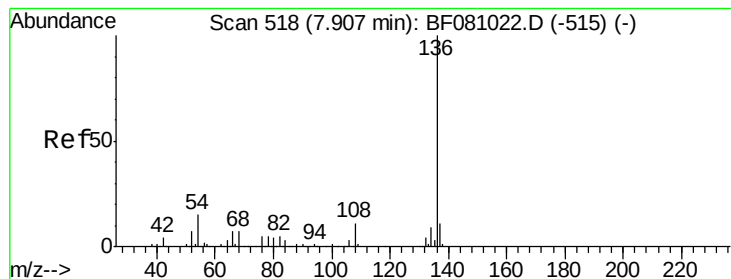
Tot Ion:	70	Resp:	166755
Ion	Ratio	Lower	Upper
70	100		
42	70.8	65.0	97.4
101	8.3	7.4	11.2
130	16.0	13.0	19.4



#20
3+4-Methylphenols
Concen: 46.06 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:	107	Resp:	219704
Ion	Ratio	Lower	Upper
107	100		
108	91.1	66.1	106.1
77	43.2	139.3	179.3#
79	31.9	11.9	51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF081151.D

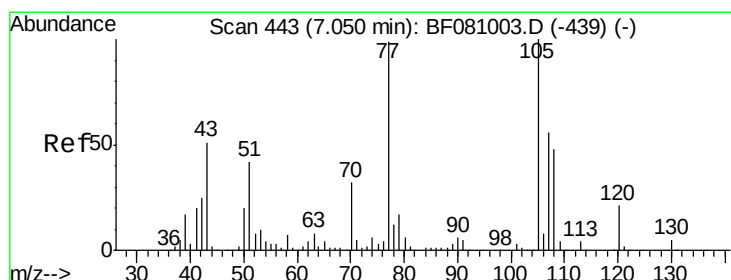
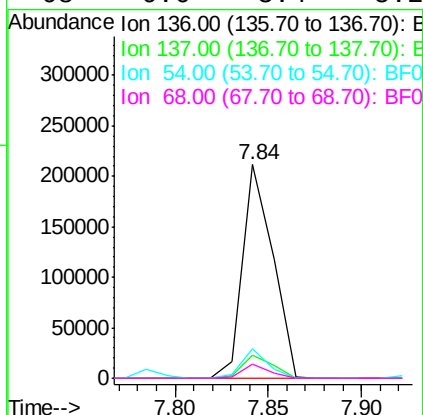
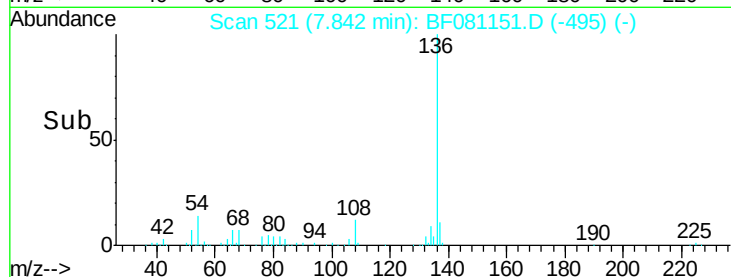
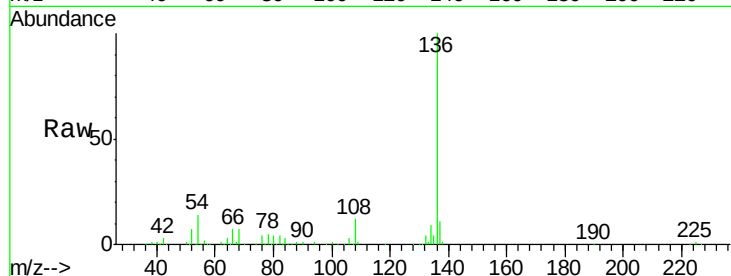
Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	237884
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.2 12.2
54	13.8	7.7 11.5#
68	6.6	3.4 5.2#



#22

Acetophenone

Concen: 51.64 ng

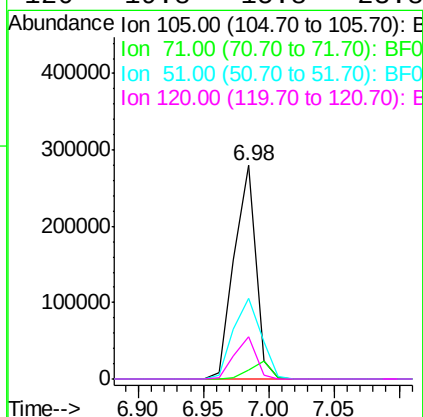
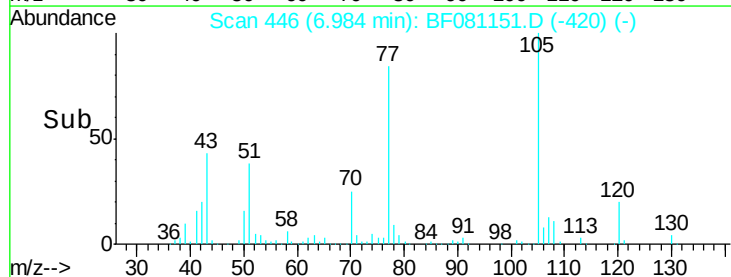
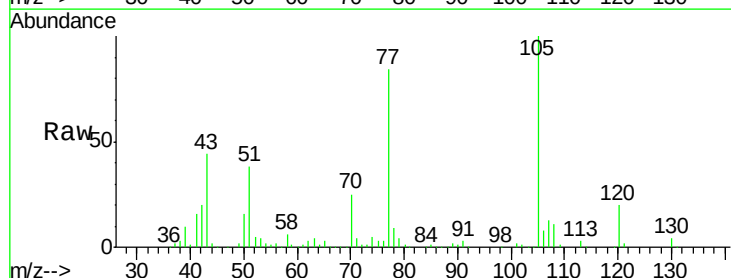
RT: 6.98 min Scan# 446

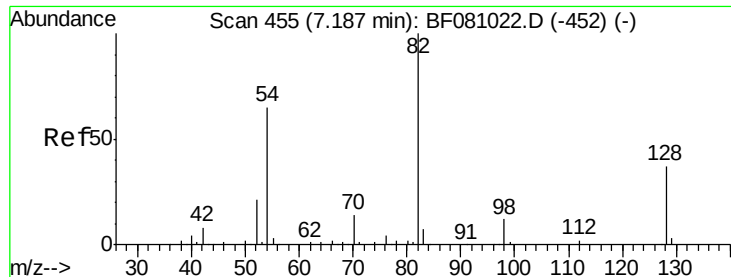
Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Tgt Ion:105	Resp:	322519
Ion Ratio	Lower	Upper
105	100	
71	4.1	3.0 4.6
51	37.7	39.8 59.8#
120	19.8	15.8 23.8

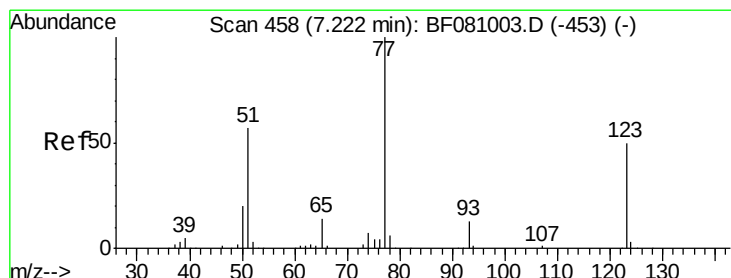
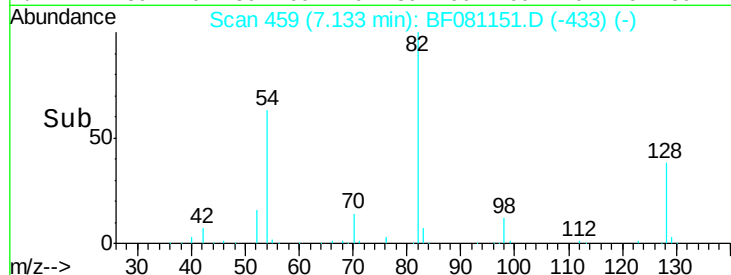
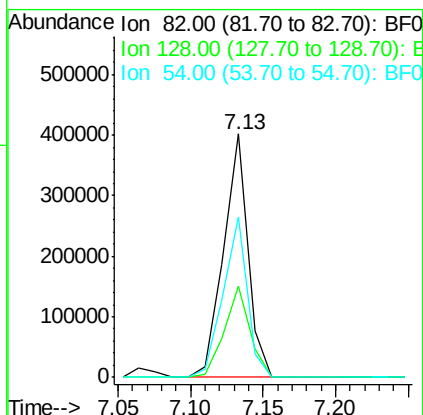
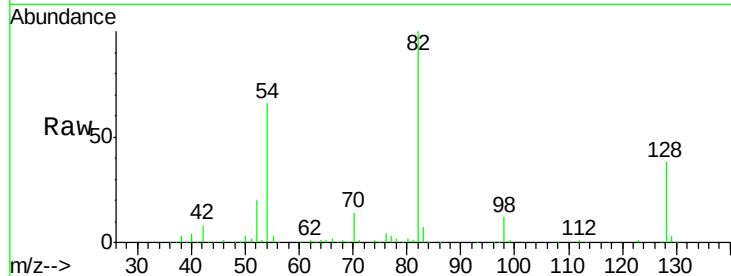




#23
 Nitrobenzene-d5
 Concen: 90.24 ng
 RT: 7.13 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

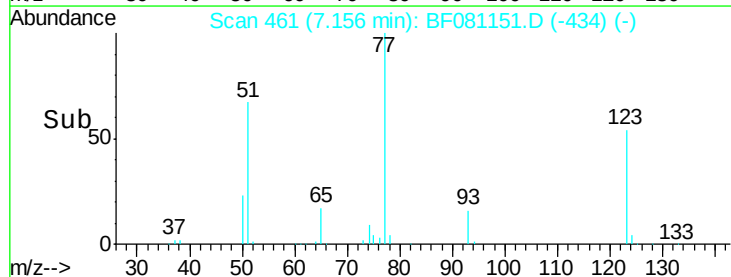
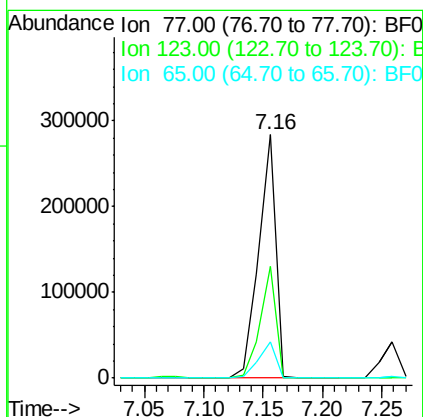
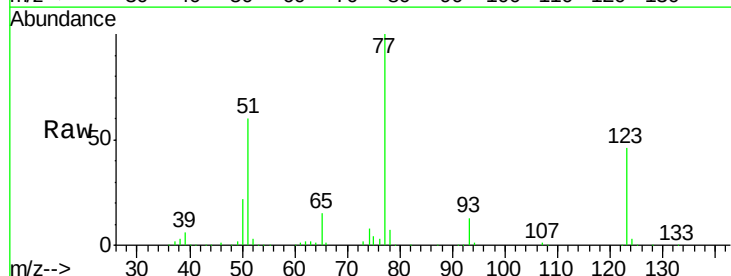
Instrument :
 BNA_F
 ClientSampleId :

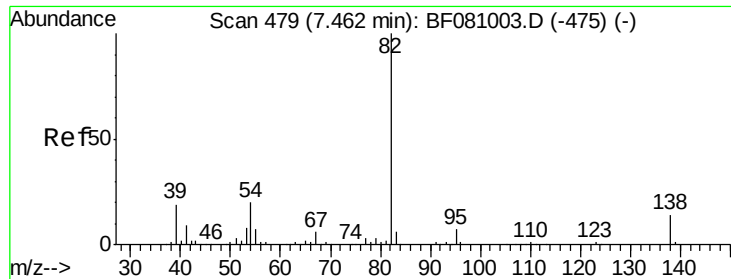
Tot Ion	82	Resp	469906
Ion Ratio	100	Lower	Upper
128	37.6	28.6	42.8
54	65.7	55.1	82.7



#24
 Nitrobenzene
 Concen: 52.99 ng
 RT: 7.16 min Scan# 461
 Delta R.T. 0.01 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Tgt Ion	77	Resp	288512
Ion Ratio	100	Lower	Upper
123	45.8	32.9	49.3
65	14.7	12.5	18.7





#25

Isophorone

Concen: 47.29 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampleId :

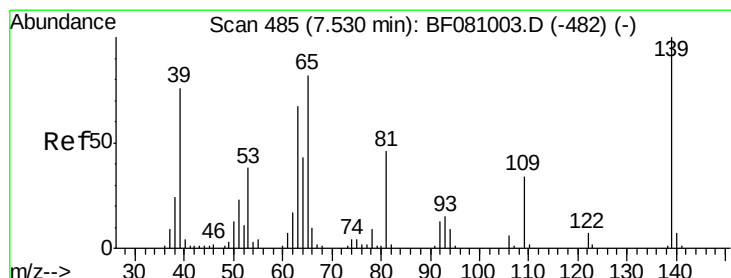
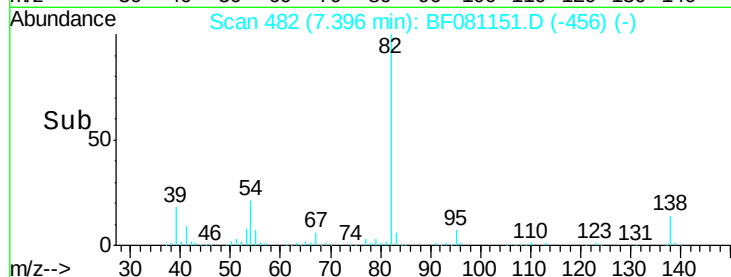
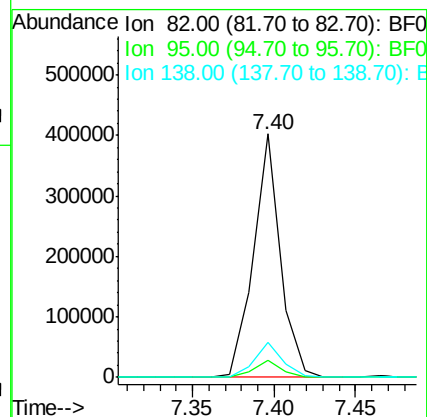
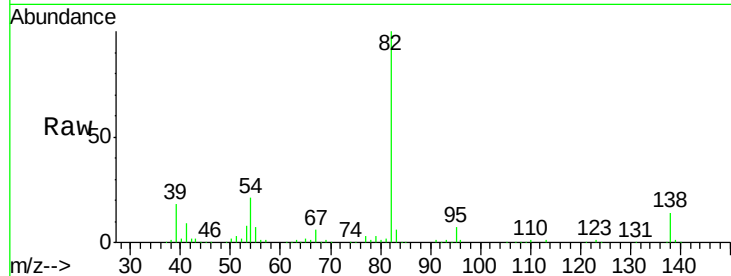
Tot Ion: 82 Resp: 459211

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

138 14.2 10.5 15.7



#26

2-Nitrophenol

Concen: 45.88 ng

RT: 7.46 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

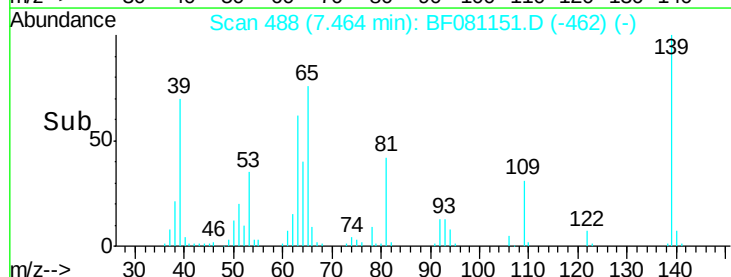
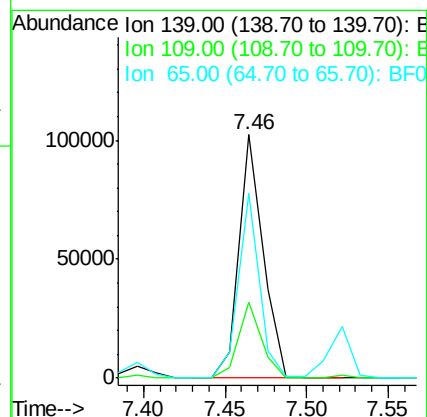
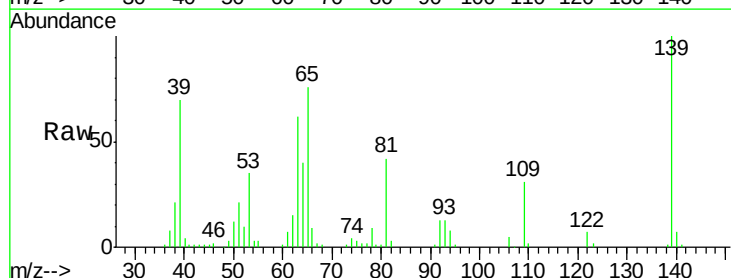
Tgt Ion: 139 Resp: 103893

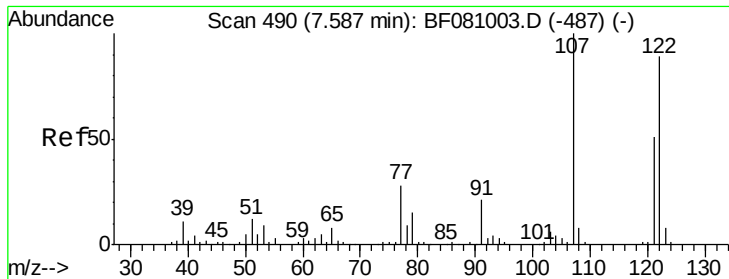
Ion Ratio Lower Upper

139 100

109 31.3 32.1 48.1#

65 76.0 69.9 104.9

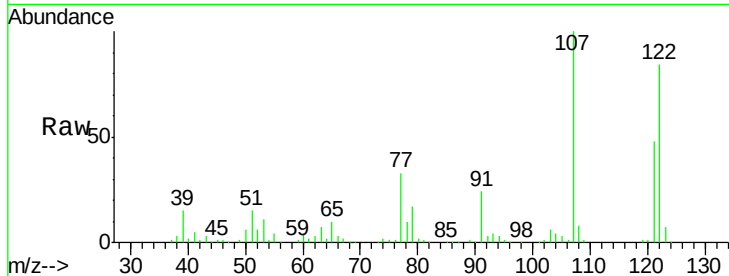




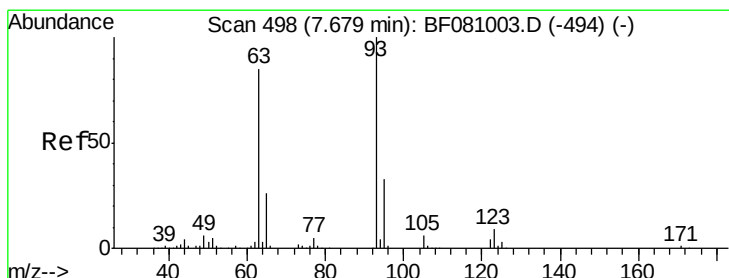
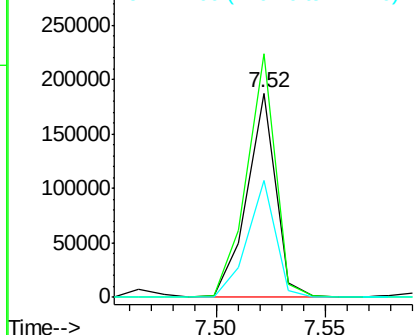
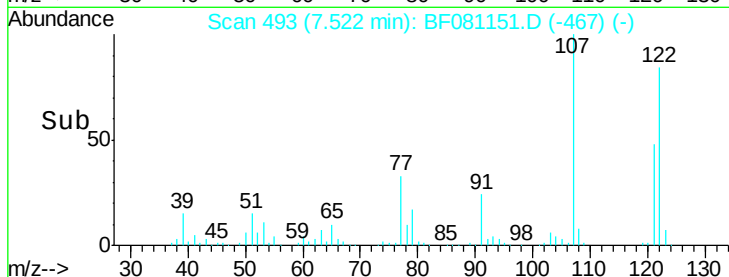
#27
 2,4-Dimethylphenol
 Concen: 43.33 ng
 RT: 7.52 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 173586
 Ion Ratio Lower Upper
 122 100
 107 119.2 103.8 155.6
 121 57.0 47.0 70.4

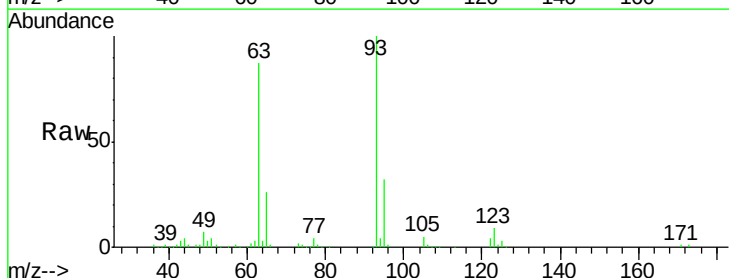


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

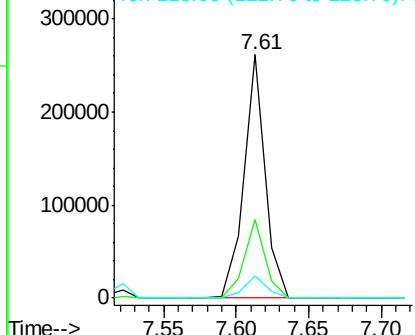
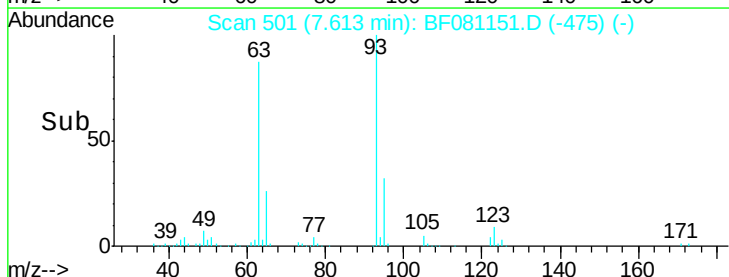


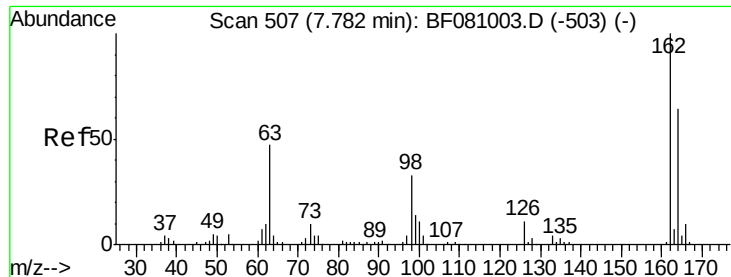
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.97 ng
 RT: 7.61 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Tgt Ion: 93 Resp: 263710
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.8 38.8
 123 9.1 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

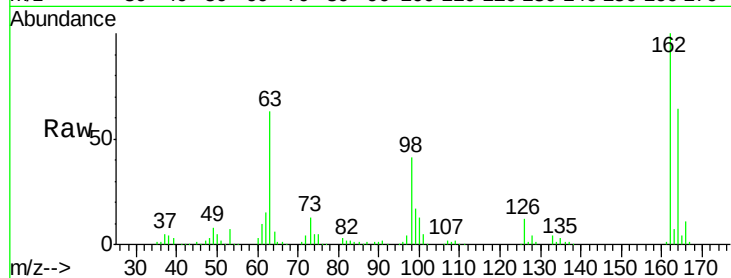




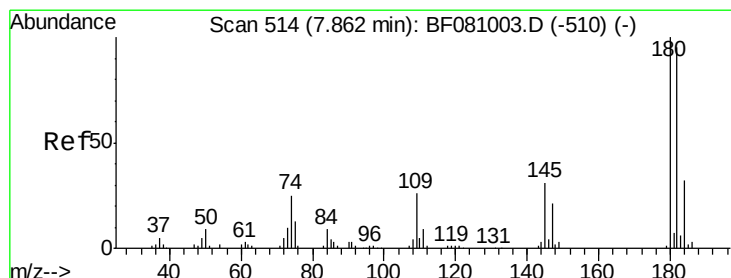
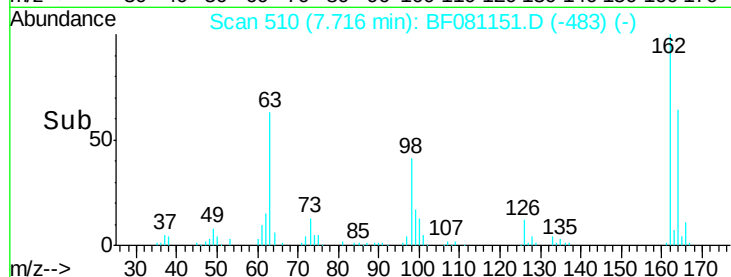
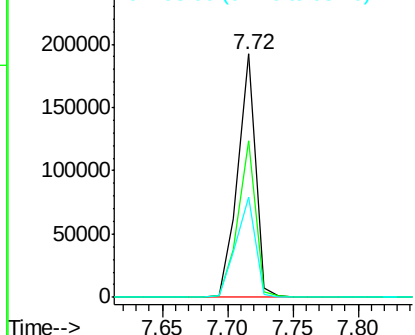
#29
 2,4-Dichlorophenol
 Concen: 53.88 ng
 RT: 7.72 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	162	Resp	181708
Ion Ratio	Lower	Upper	
162	100		
164	64.3	43.2	83.2
98	41.2	12.3	52.3

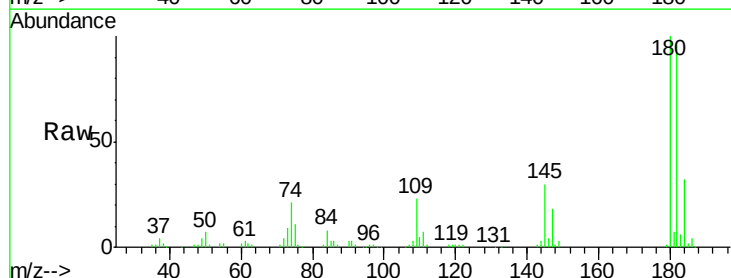


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

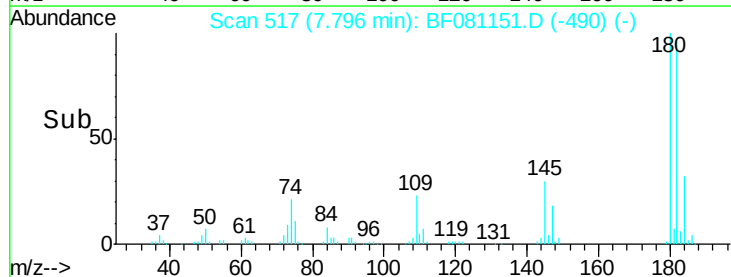
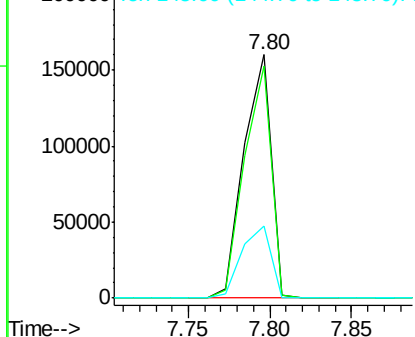


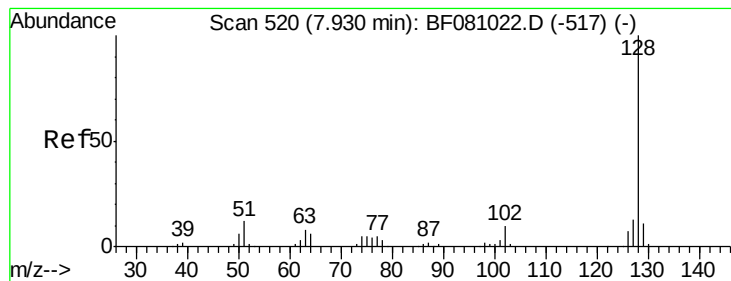
#30
 1,2,4-Trichlorobenzene
 Concen: 49.48 ng
 RT: 7.80 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Tgt Ion	180	Resp	185479
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.4	114.6
145	29.7	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: 43.65 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampleId :

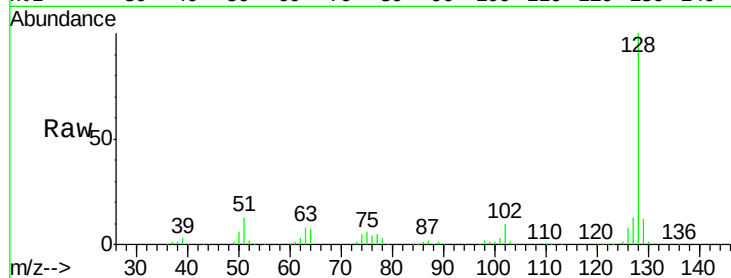
Tot Ion:128 Resp: 578840

Ion Ratio Lower Upper

128 100

129 11.6 8.4 12.6

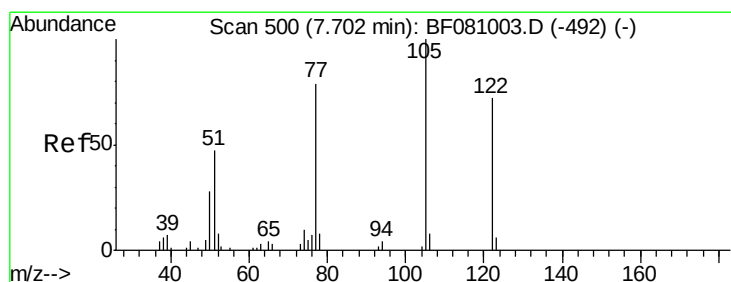
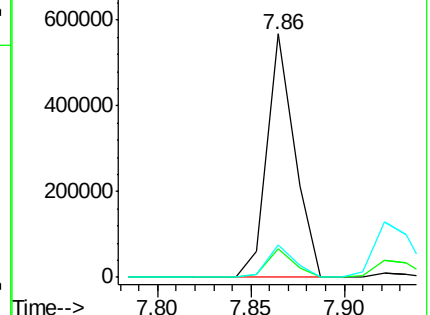
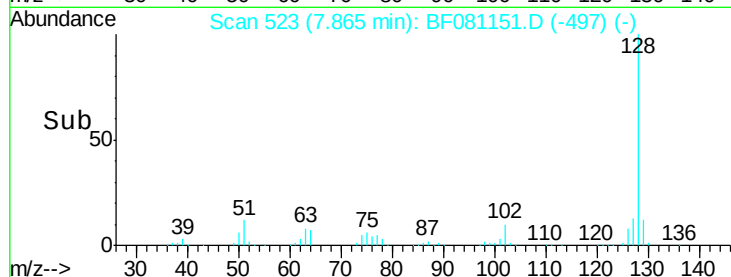
127 13.4 10.6 16.0



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: 8.56 ng

RT: 7.61 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

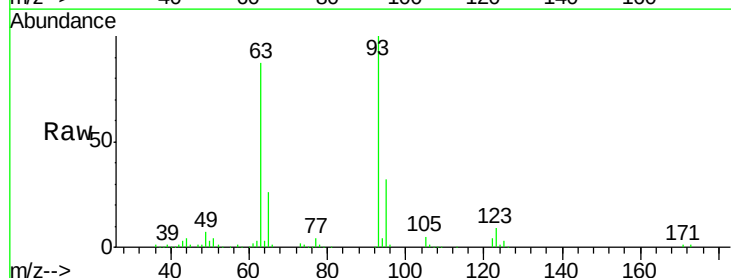
Tgt Ion:122 Resp: 19283

Ion Ratio Lower Upper

122 100

105 123.5 113.8 153.8

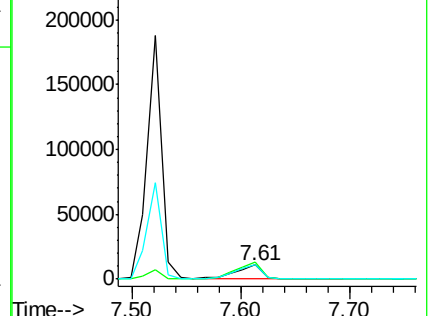
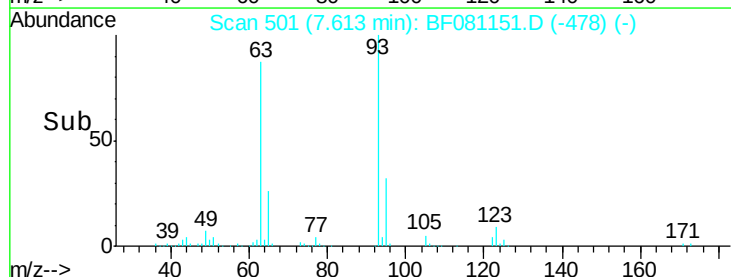
77 103.6 93.8 133.8

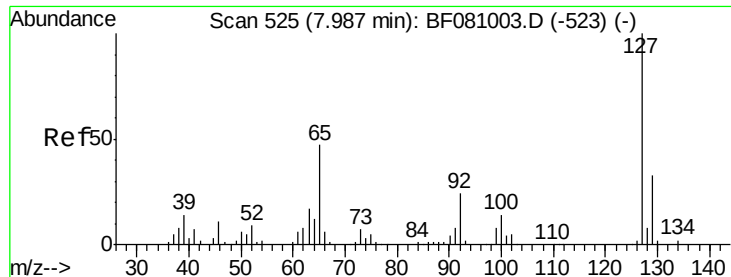


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

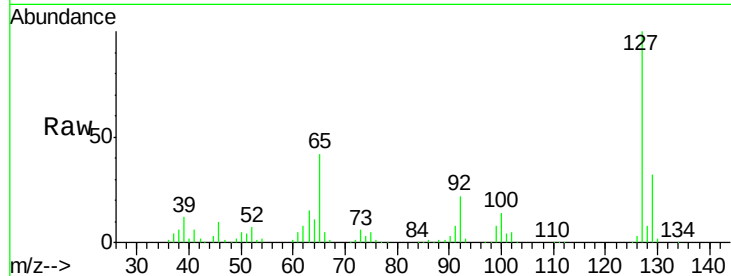




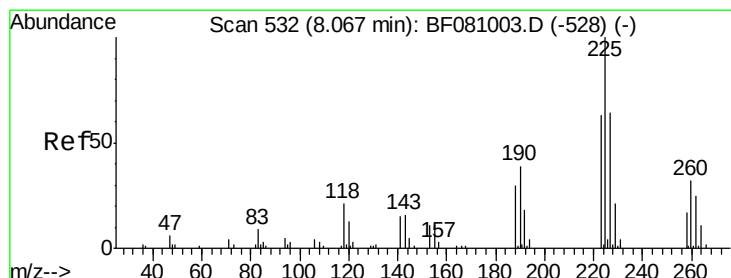
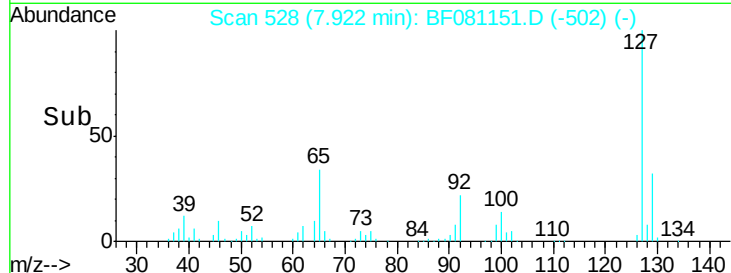
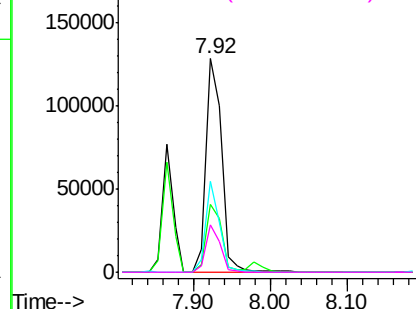
#33
4-Chloroaniline
Concen: 32.01 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	179100
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.2	37.8
65	42.4	37.8	56.6
92	22.3	19.5	29.3

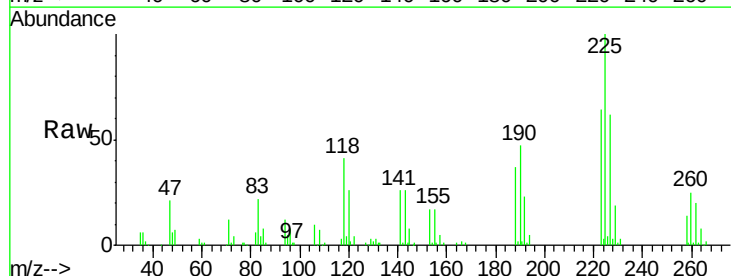


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

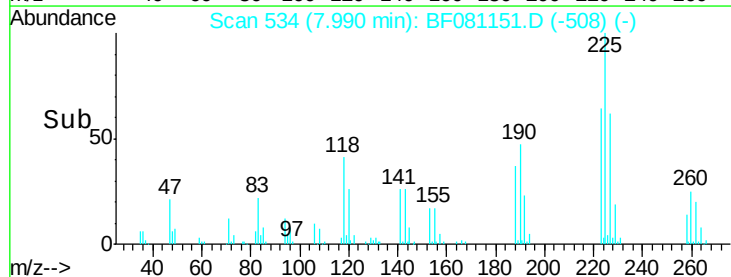
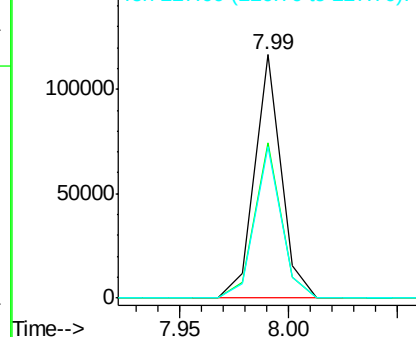


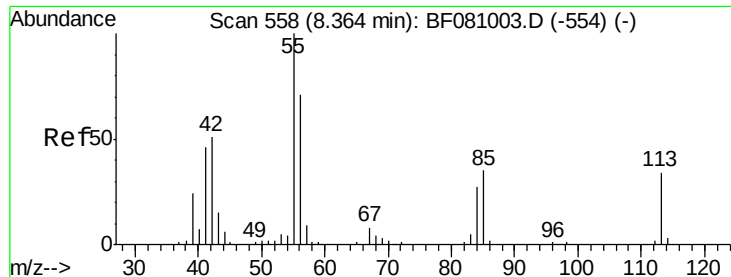
#34
Hexachlorobutadiene
Concen: 46.57 ng
RT: 7.99 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:	225	Resp:	98717
Ion	Ratio	Lower	Upper
225	100		
223	63.7	52.6	79.0
227	62.1	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

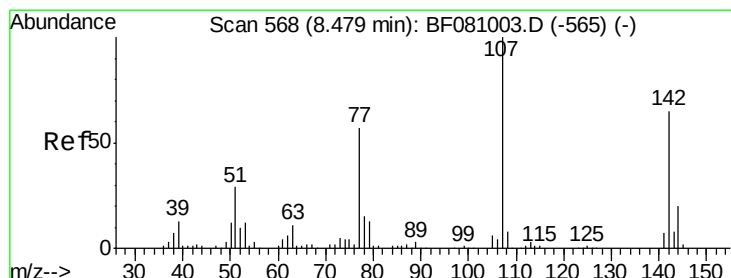
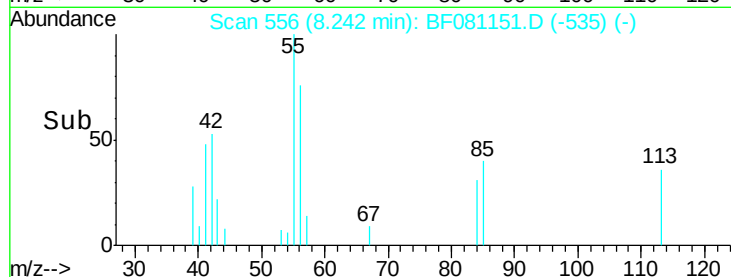
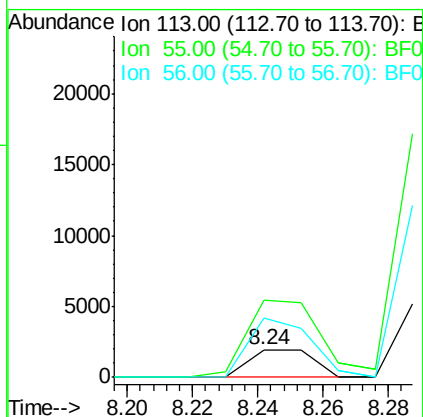
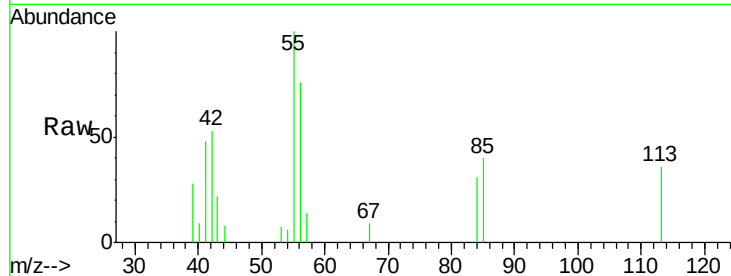




#35
 Caprolactam
 Concen: 2.25 ng
 RT: 8.24 min Scan# 556
 Delta R.T. -0.06 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

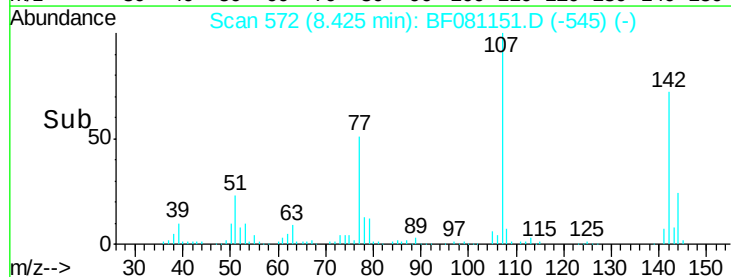
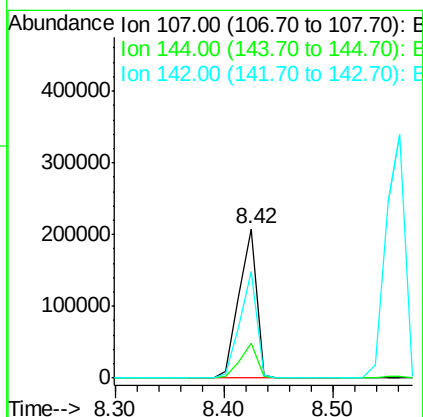
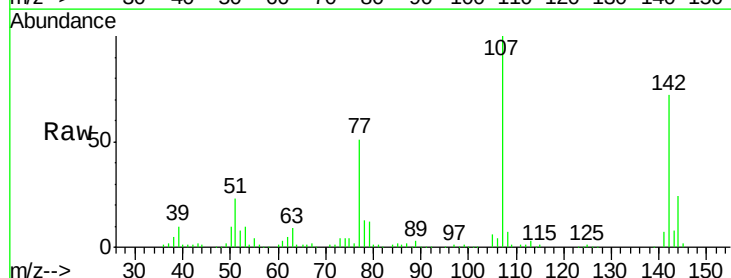
Instrument :
 BNA_F
 ClientSampleId :

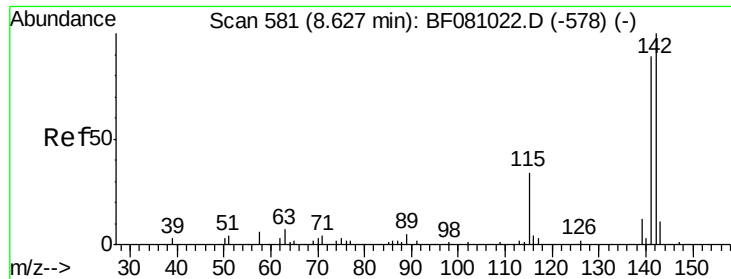
Tot Ion:113 Resp: 2649
 Ion Ratio Lower Upper
 113 100
 55 281.2 280.4 320.4
 56 214.1 205.9 245.9



#36
 4-Chloro-3-methylphenol
 Concen: 57.66 ng
 RT: 8.42 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Tgt Ion:107 Resp: 231747
 Ion Ratio Lower Upper
 107 100
 144 23.5 17.2 25.8
 142 72.0 54.9 82.3

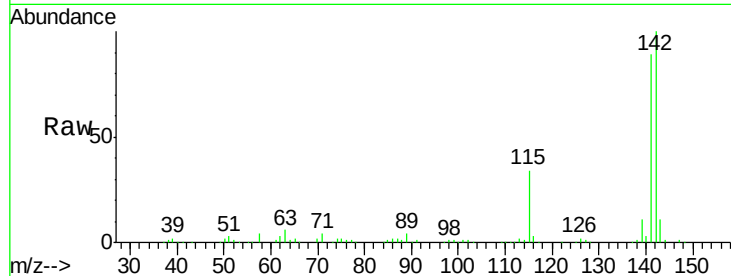




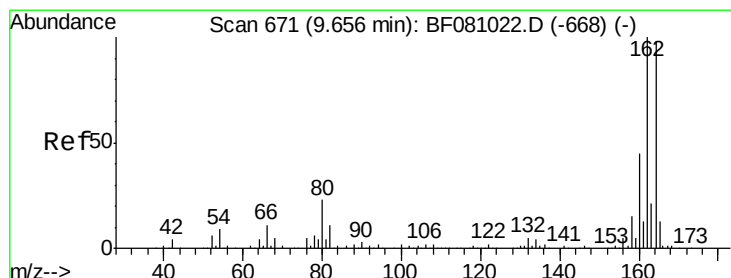
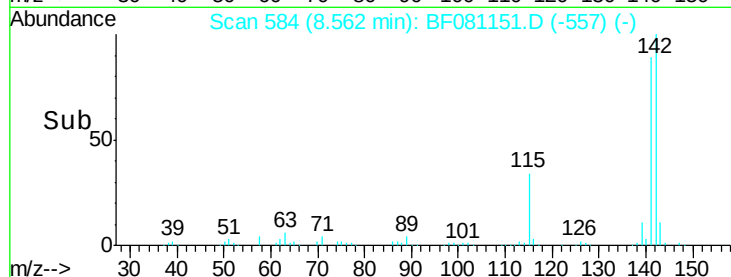
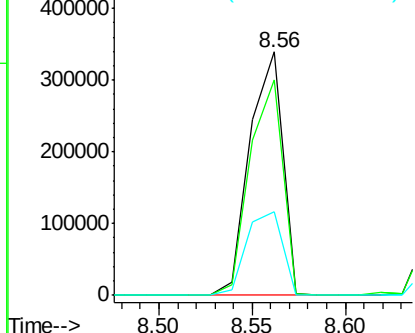
#37
 2-Methylnaphthalene
 Concen: 49.56 ng
 RT: 8.56 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 415110
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.4 107.2
 115 34.3 33.4 50.0

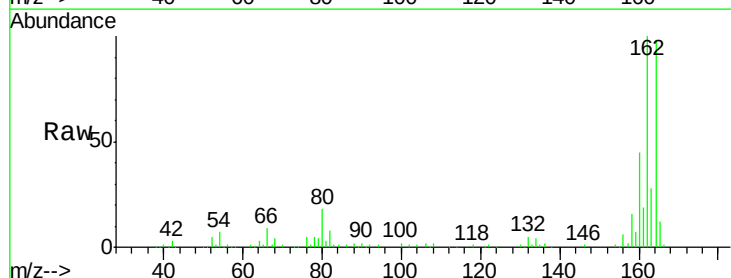


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

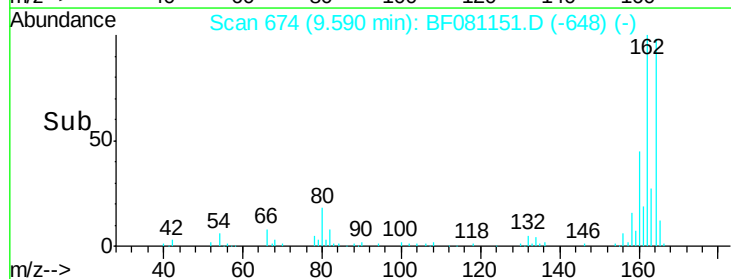
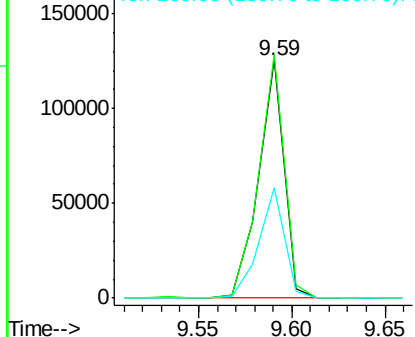


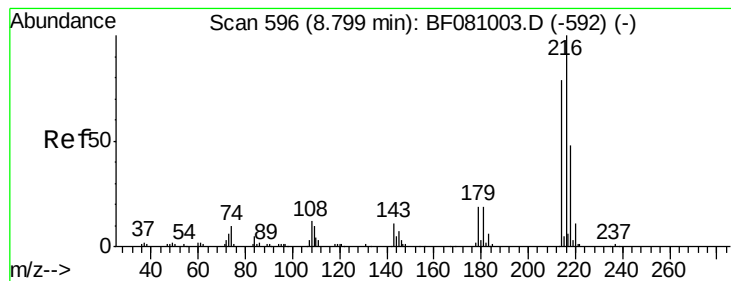
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Tgt Ion:164 Resp: 118267
 Ion Ratio Lower Upper
 164 100
 162 102.3 83.8 125.8
 160 46.3 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: 41.62 ng

RT: 8.72 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 158806

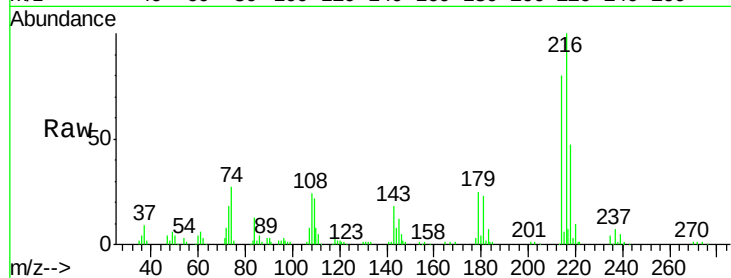
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 23.7 17.8 26.8

108 24.8 16.2 24.2#

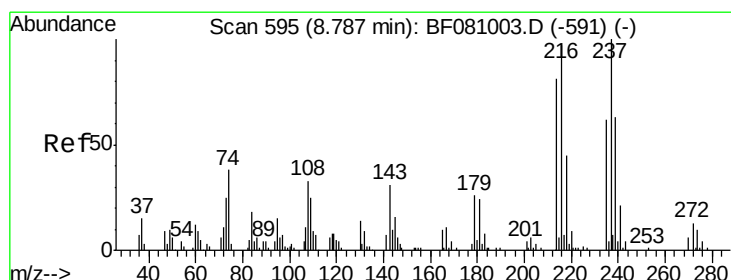
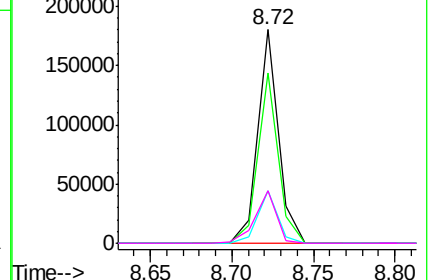
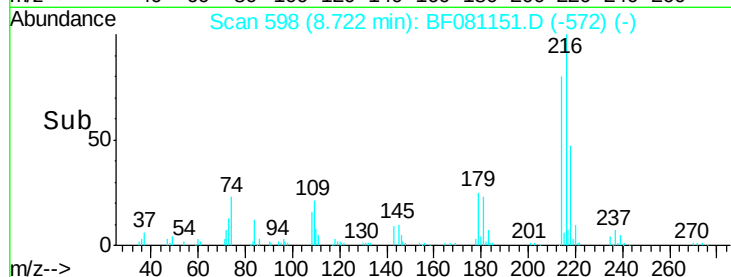


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.26 ng

RT: 8.71 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

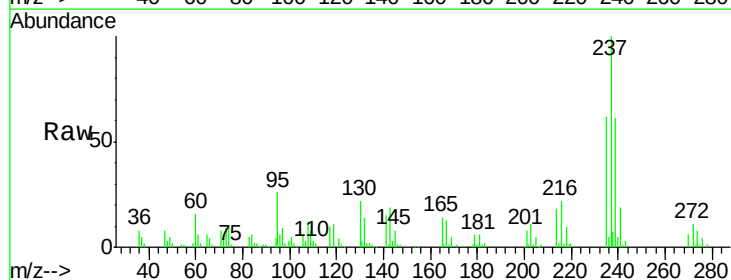
Tgt Ion:237 Resp: 77539

Ion Ratio Lower Upper

237 100

235 62.0 43.6 83.6

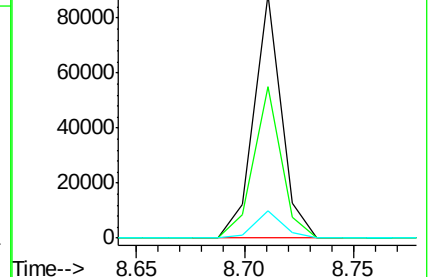
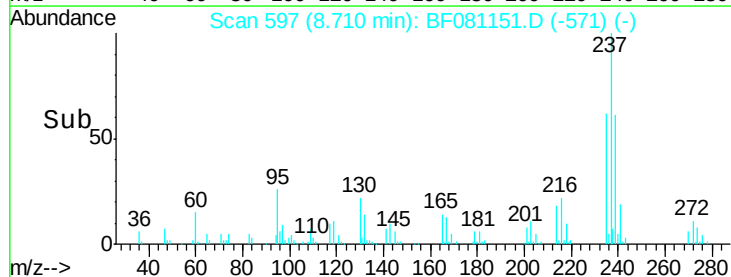
272 11.0 0.0 32.2

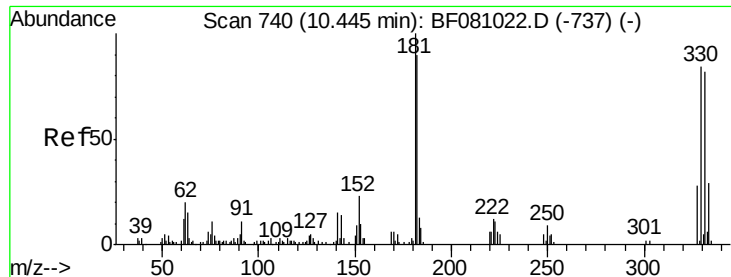


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 151.26 ng

RT: 10.38 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampleId :

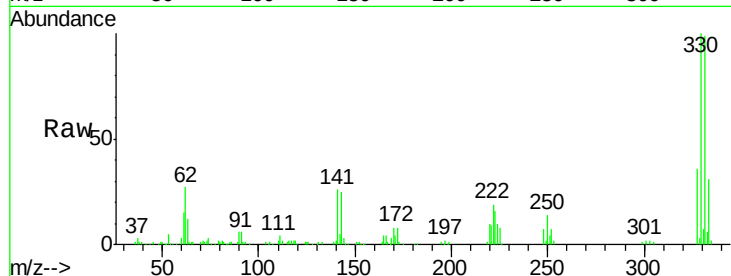
Tot Ion:330 Resp: 155071

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

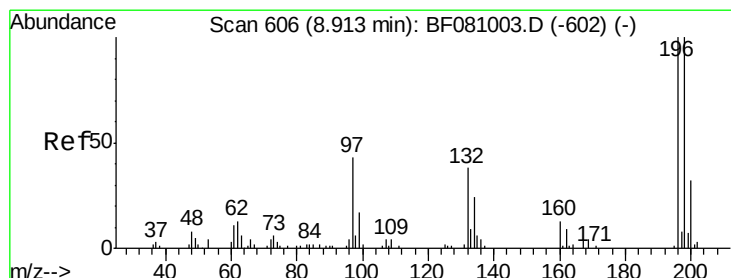
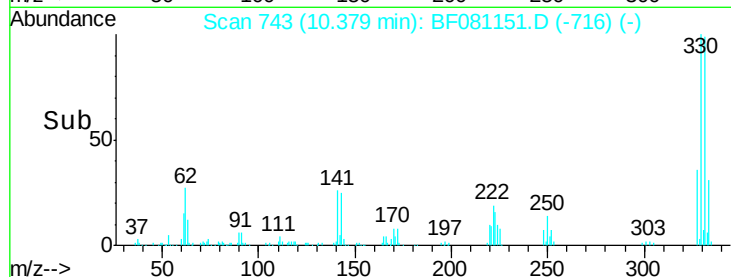
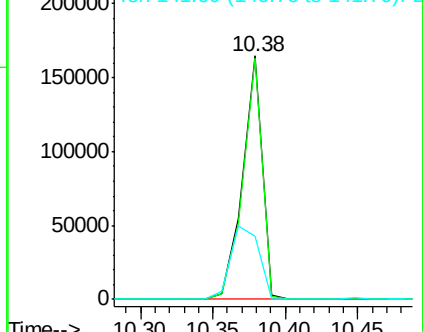
141 43.9 44.9 67.3#



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: 43.51 ng

RT: 8.84 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

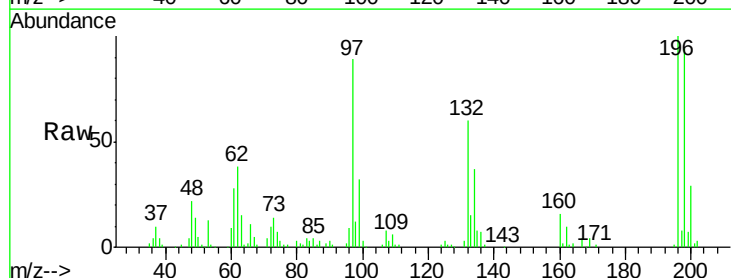
Tgt Ion:196 Resp: 117279

Ion Ratio Lower Upper

196 100

198 93.7 74.6 111.8

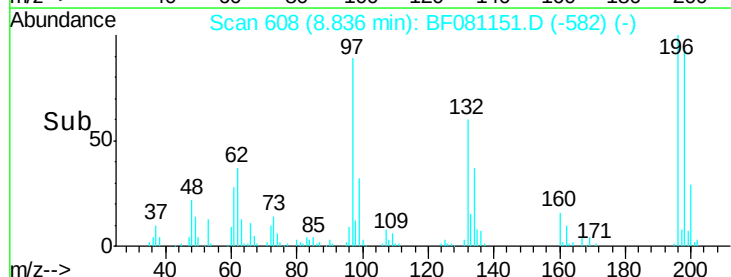
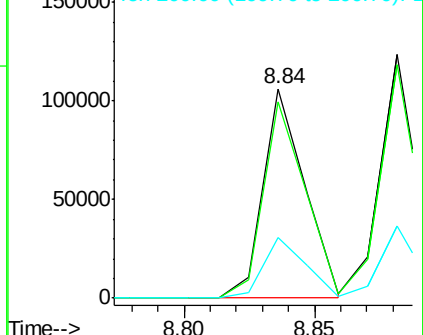
200 28.7 22.7 34.1

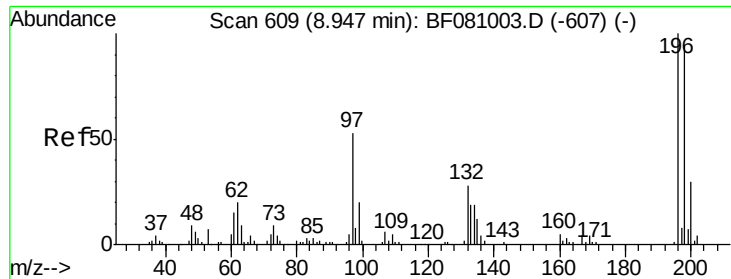


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

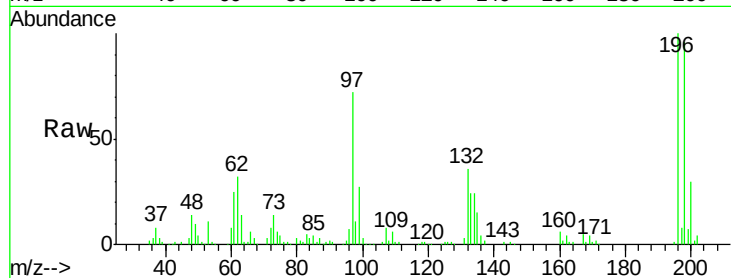




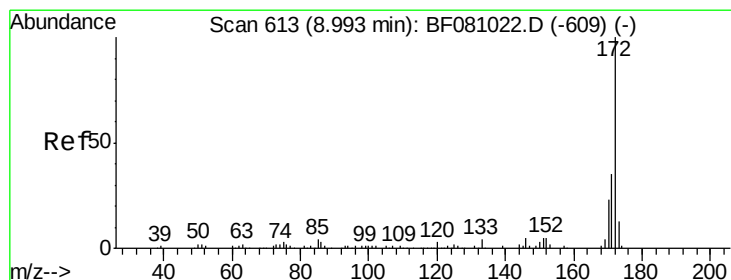
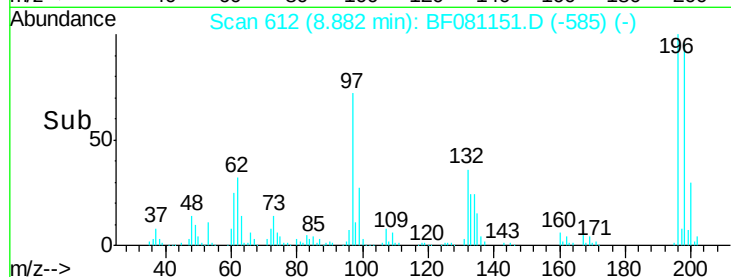
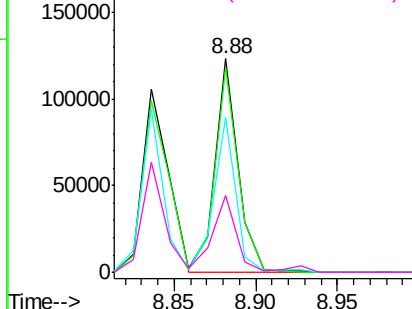
#43
 2,4,5-Trichlorophenol
 Concen: 44.77 ng
 RT: 8.88 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	78.3	117.5
97	72.4	42.7	64.1
132	36.2	23.3	34.9

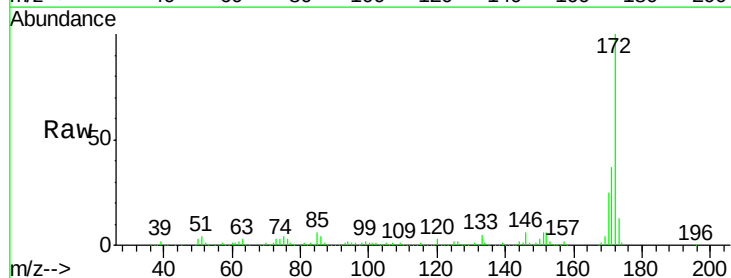


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

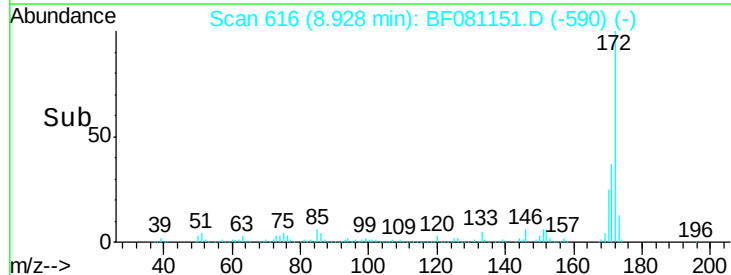
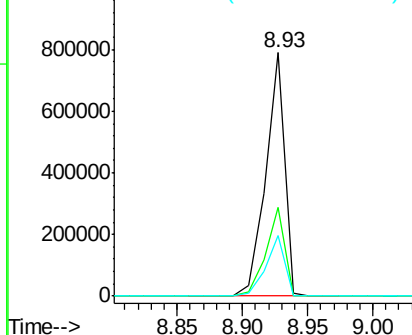


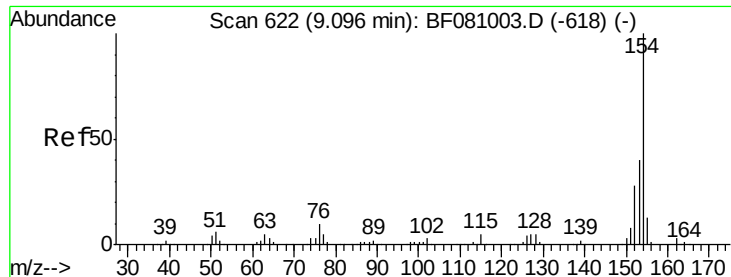
#44
 2-Fluorobiphenyl
 Concen: 88.65 ng
 RT: 8.93 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.6	19.4	29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.19 ng

RT: 9.02 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampleId :

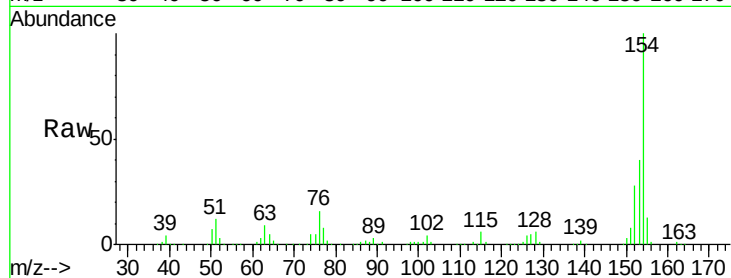
Tot Ion:154 Resp: 439526

Ion Ratio Lower Upper

154 100

153 40.1 19.5 59.5

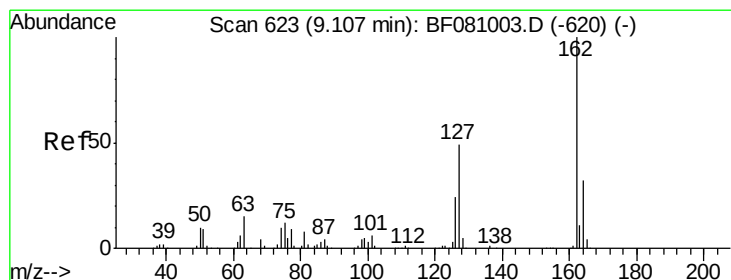
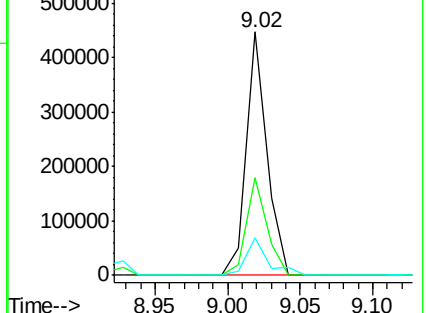
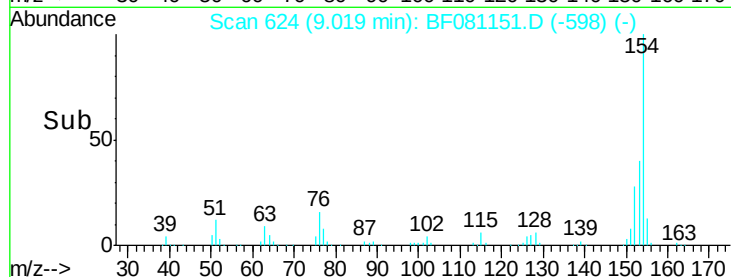
76 15.6 0.0 29.3



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: 43.86 ng

RT: 9.04 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

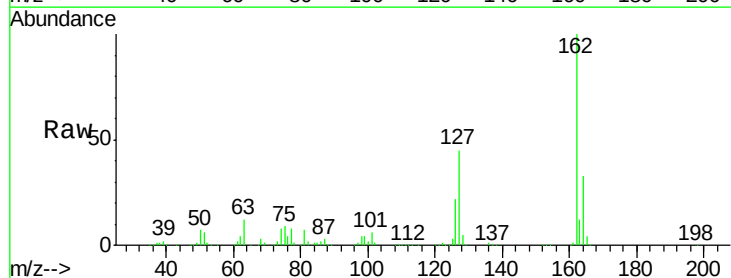
Tgt Ion:162 Resp: 367094

Ion Ratio Lower Upper

162 100

127 45.0 31.3 46.9

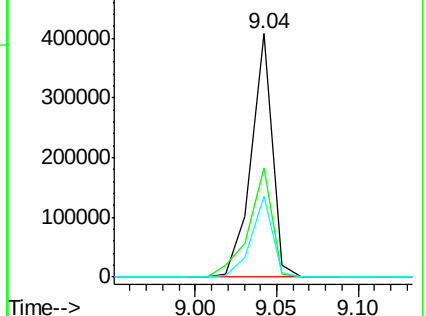
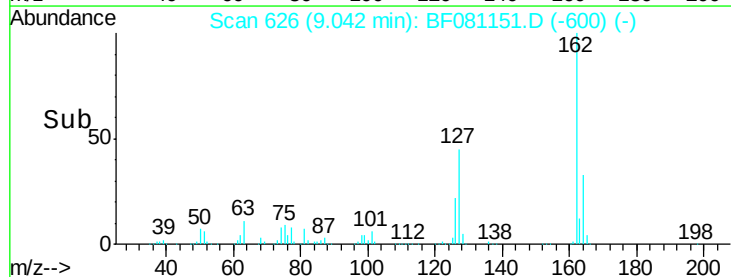
164 33.1 26.3 39.5

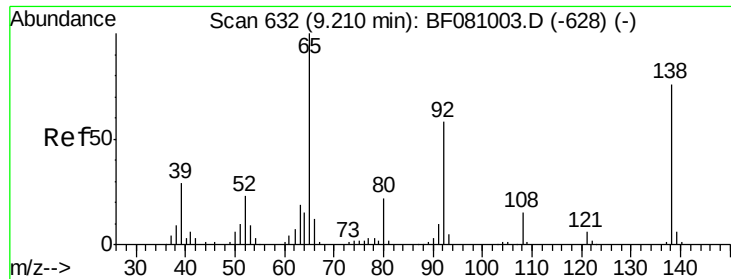


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

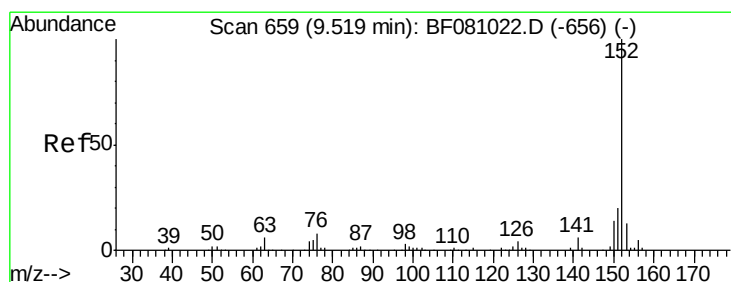
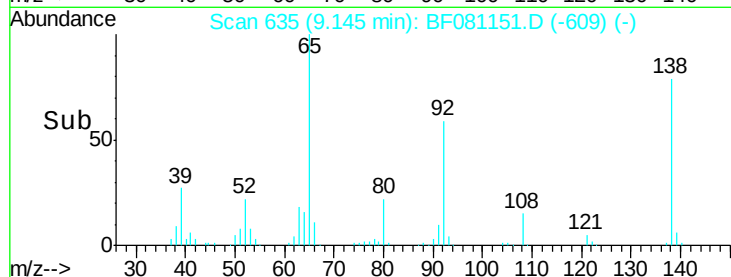
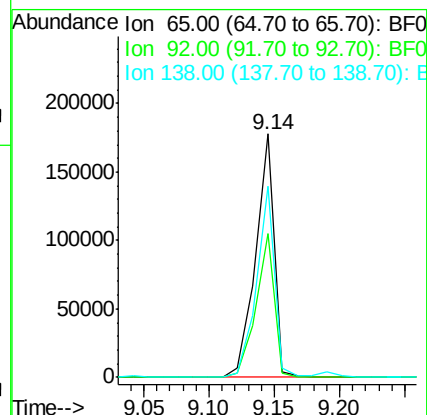
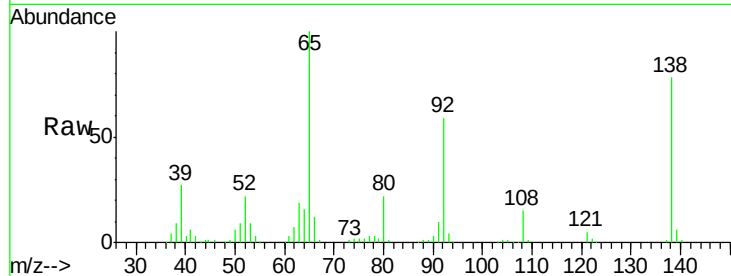




#47
 2-Nitroaniline
 Concen: 51.48 ng
 RT: 9.14 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

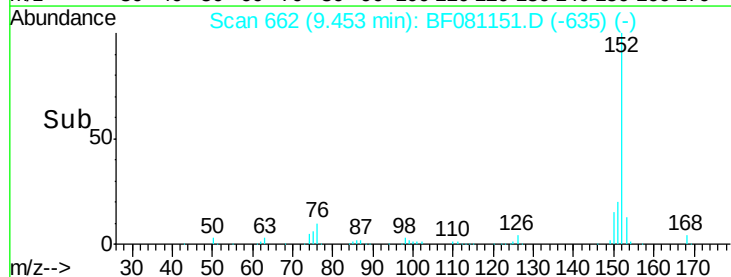
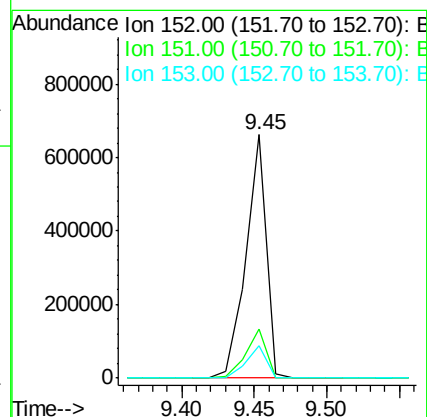
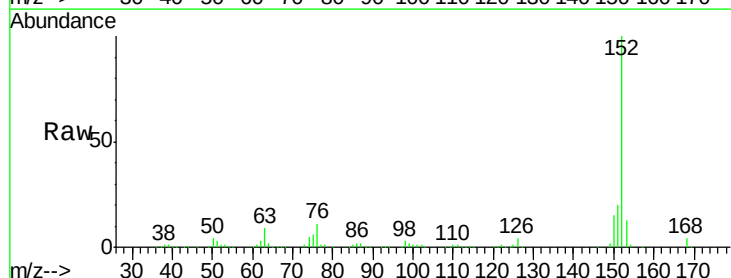
Instrument :
 BNA_F
 ClientSampleId :

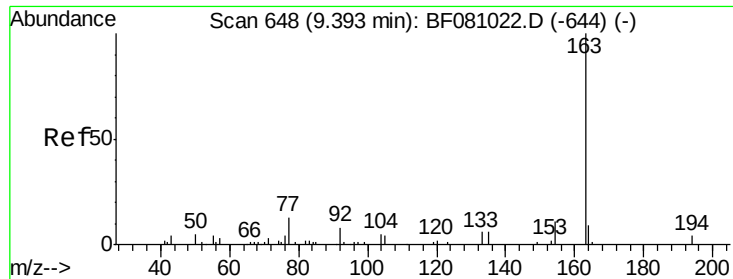
Tot Ion: 65 Resp: 176320
 Ion Ratio Lower Upper
 65 100
 92 58.9 45.6 68.4
 138 78.5 57.9 86.9



#48
 Acenaphthylene
 Concen: 42.79 ng
 RT: 9.45 min Scan# 662
 Delta R.T. 0.01 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Tgt Ion:152 Resp: 640567
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.1 24.1
 153 13.2 9.8 14.6

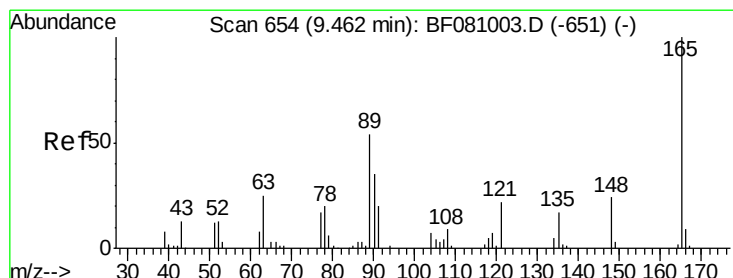
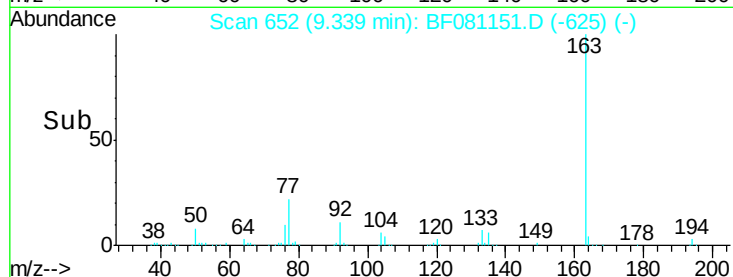
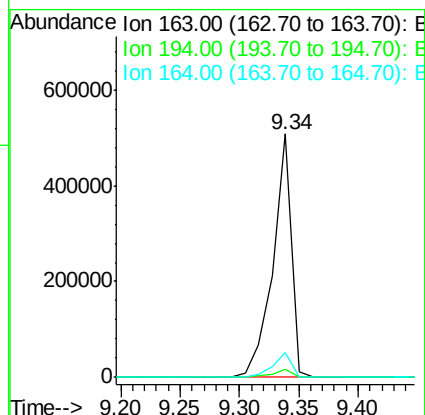
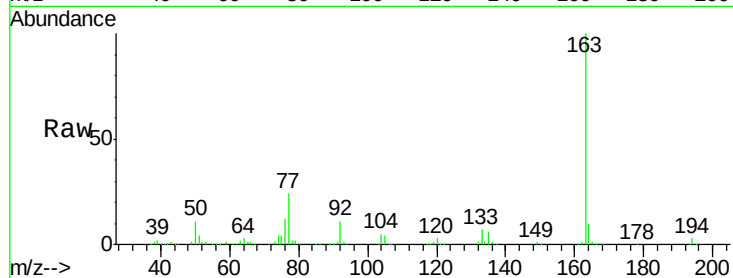




#49
Dimethylphthalate
Concen: 56.86 ng
RT: 9.34 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

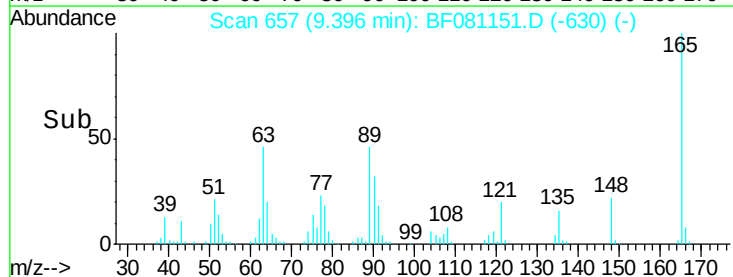
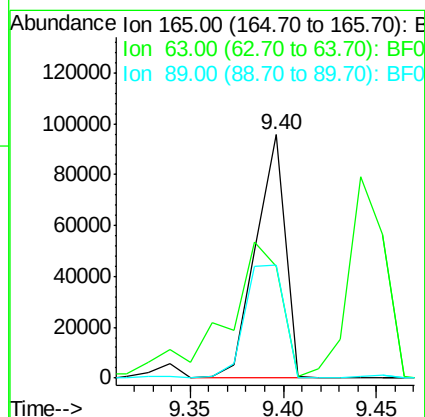
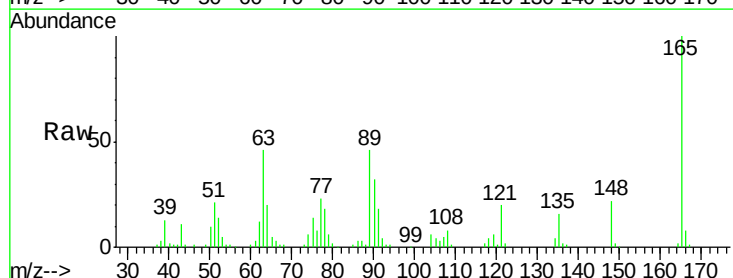
Instrument :
BNA_F
ClientSampleId :

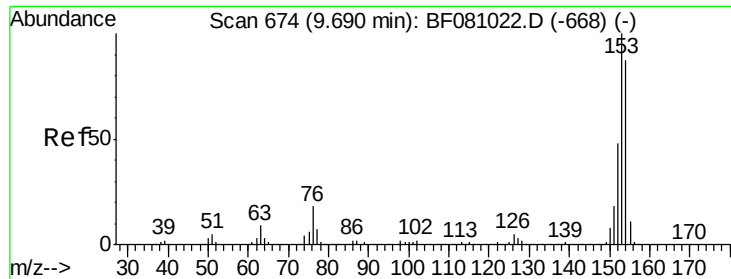
Tot Ion:163 Resp: 553790
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 10.0 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 49.93 ng
RT: 9.40 min Scan# 657
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:165 Resp: 104423
Ion Ratio Lower Upper
165 100
63 45.7 49.5 74.3#
89 46.3 47.6 71.4#





#51

Acenaphthene

Concen: 42.20 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampleId :

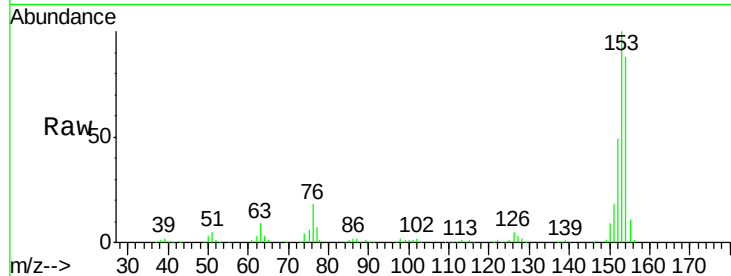
Tot Ion:154 Resp: 378219

Ion Ratio Lower Upper

154 100

153 113.5 91.4 137.2

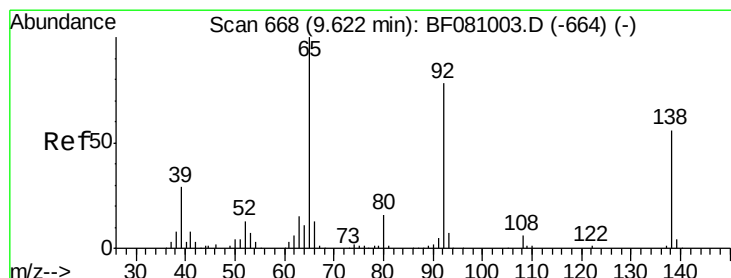
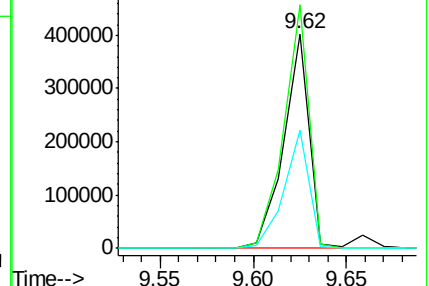
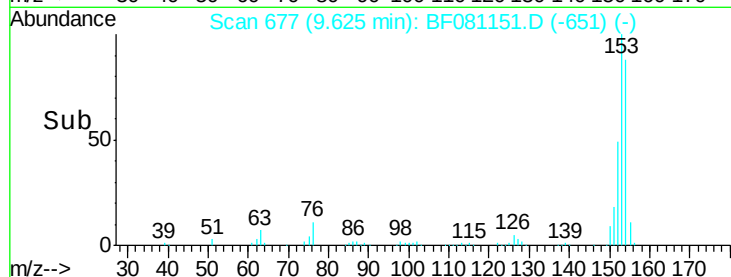
152 55.1 43.7 65.5



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: 36.43 ng

RT: 9.56 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

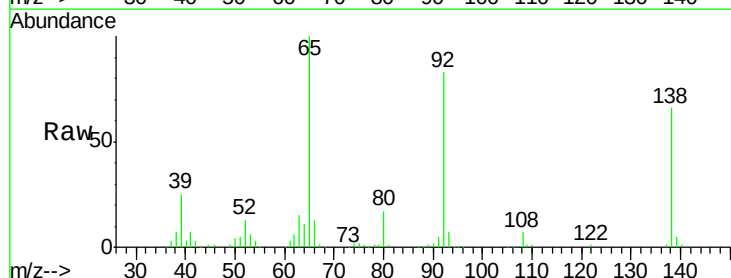
Tgt Ion:138 Resp: 95337

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.2

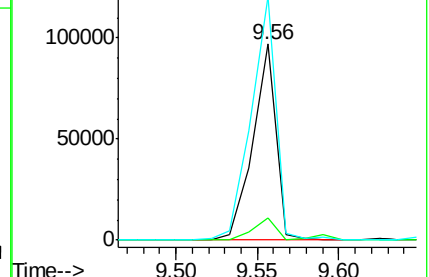
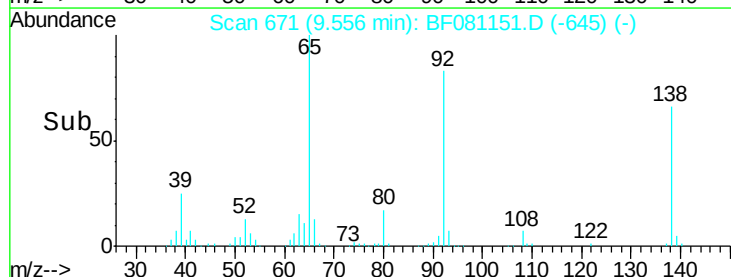
92 124.4 113.2 169.8

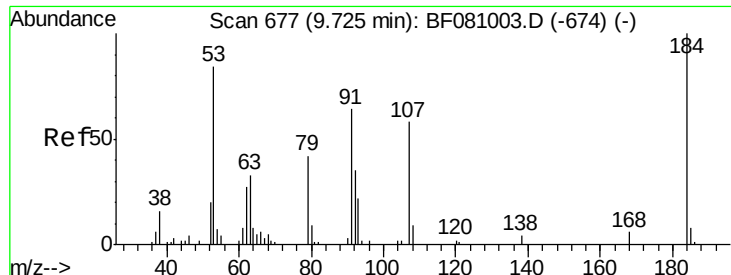


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

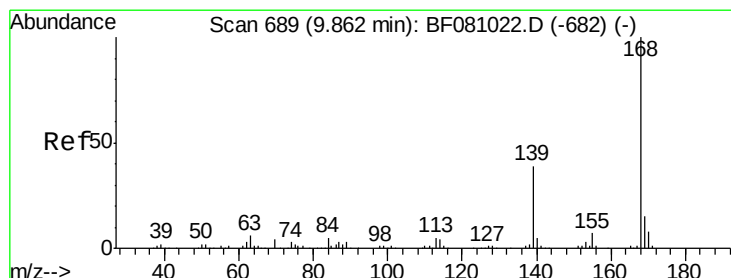
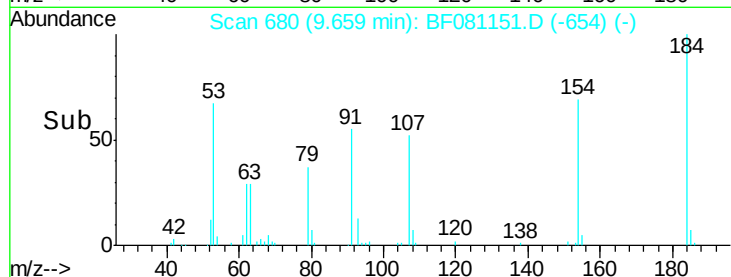
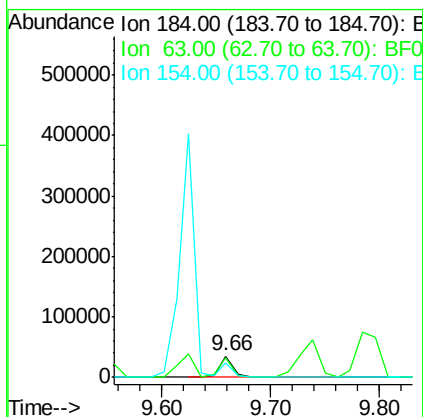
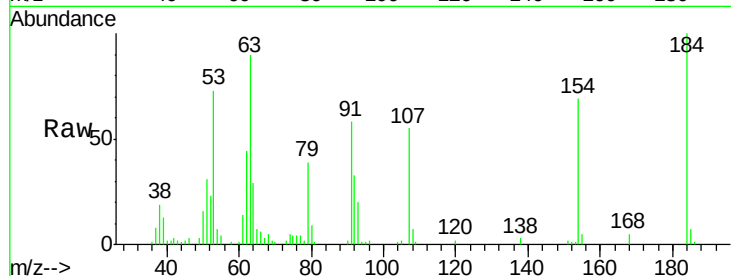




#53
2,4-Dinitrophenol
Concen: 33.05 ng
RT: 9.66 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

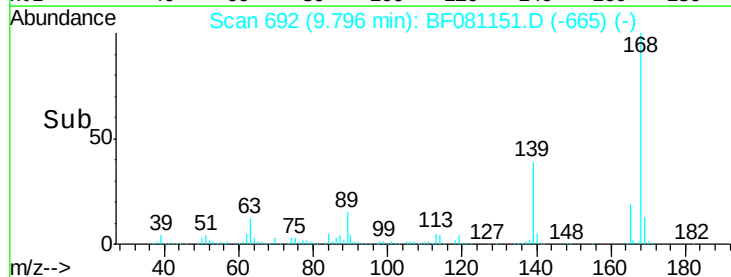
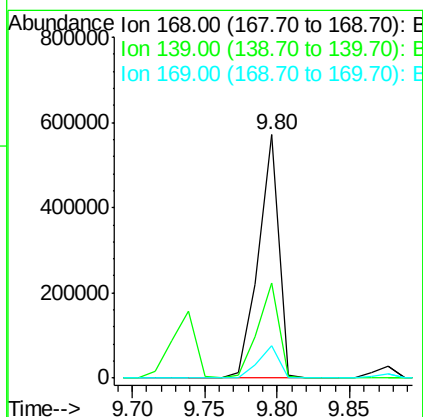
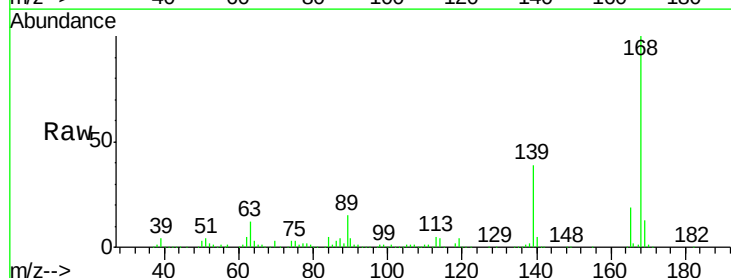
Instrument :
BNA_F
ClientSampleId :

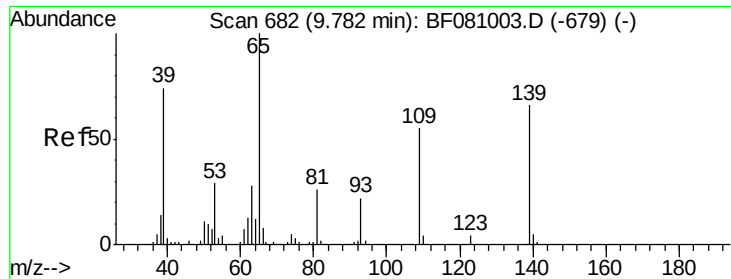
Tot Ion:184 Resp: 32368
Ion Ratio Lower Upper
184 100
63 90.3 101.7 152.5#
154 69.2 67.4 101.0



#54
Dibenzofuran
Concen: 46.48 ng
RT: 9.80 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:168 Resp: 558208
Ion Ratio Lower Upper
168 100
139 39.1 29.3 43.9
169 13.3 10.3 15.5





#55

4-Nitrophenol

Concen: 99.93 ng

RT: 9.74 min Scan# 687

Delta R.T. 0.02 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampleId :

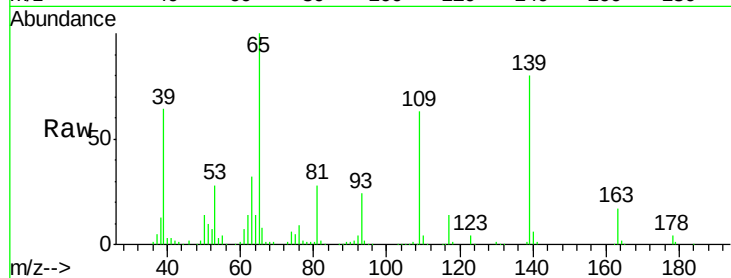
Tot Ion:139 Resp: 183670

Ion Ratio Lower Upper

139 100

109 79.7 80.0 120.0#

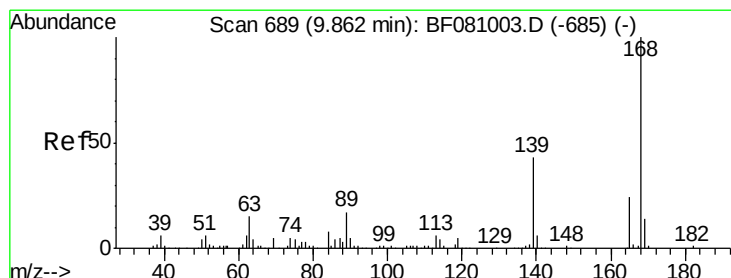
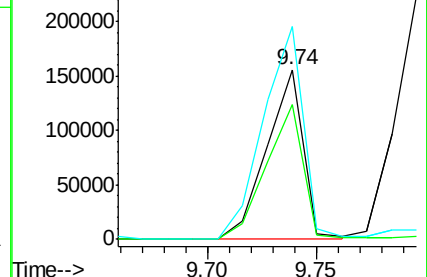
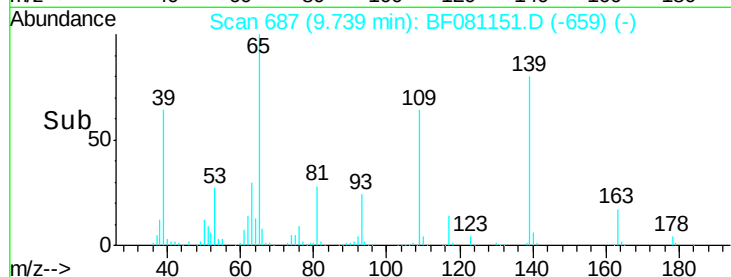
65 125.7 138.3 178.3#



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: 47.63 ng

RT: 9.80 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Tgt Ion:165 Resp: 132012

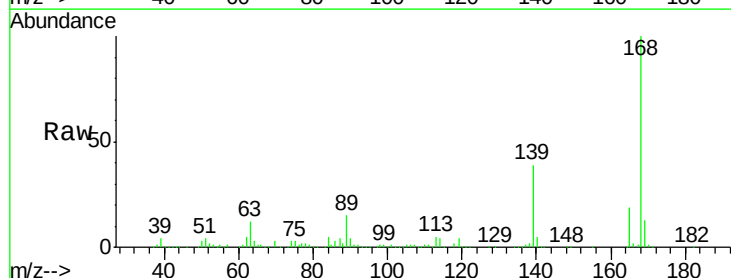
Ion Ratio Lower Upper

165 100

63 60.5 52.2 78.4

89 75.3 60.1 90.1

182 2.1 1.8 2.6

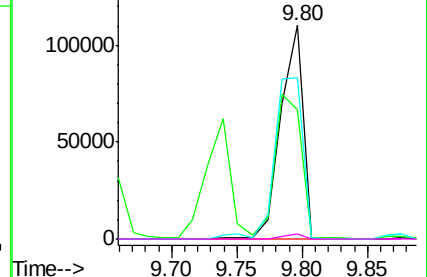
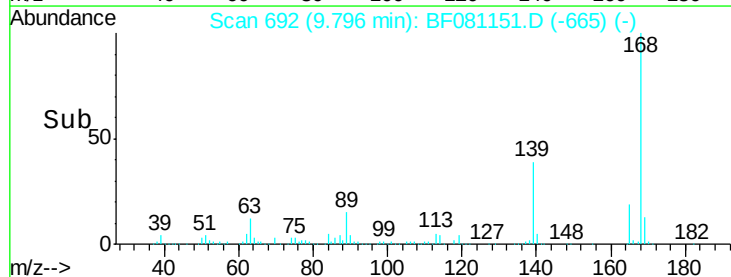


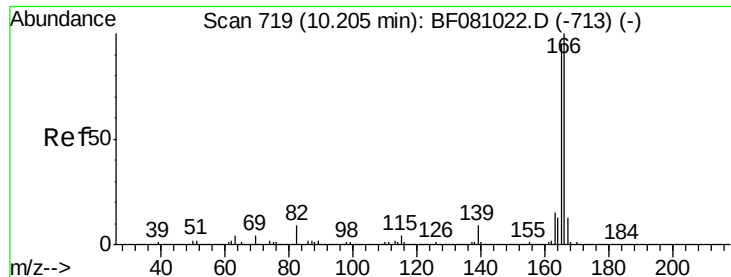
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

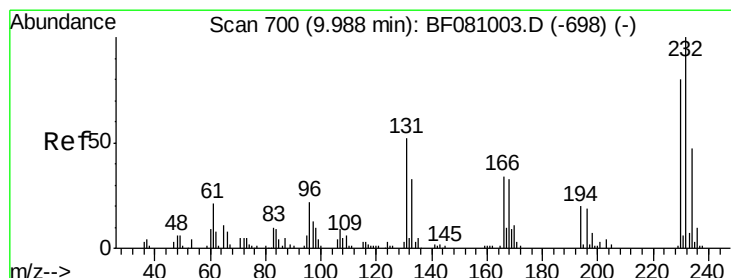
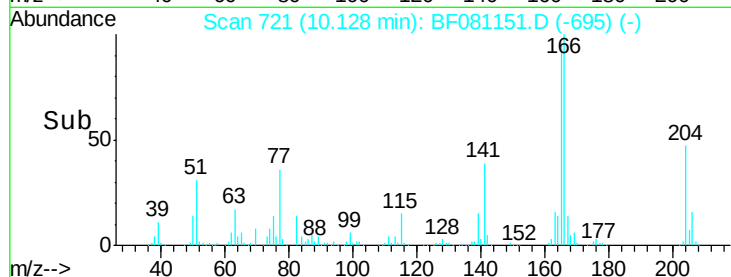
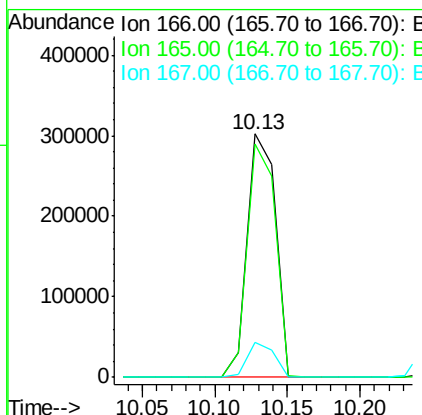
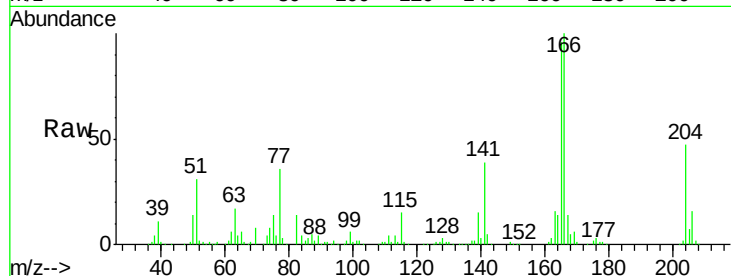




#57
 Fluorene
 Concen: 44.59 ng
 RT: 10.13 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

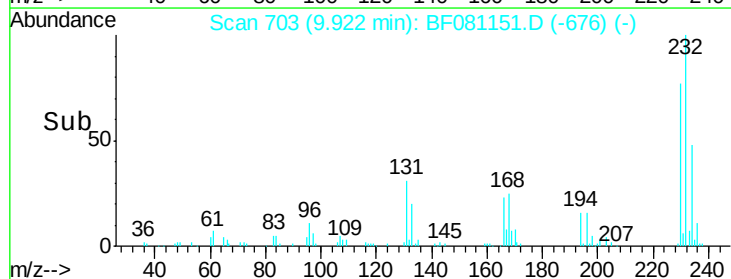
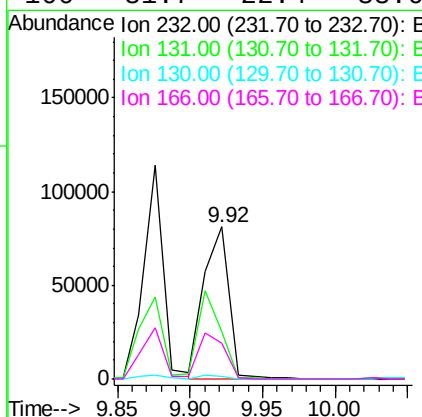
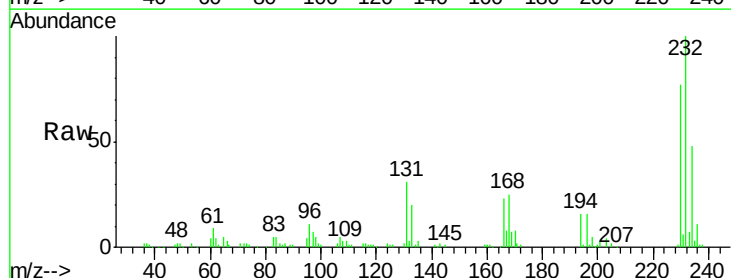
Instrument :
 BNA_F
 ClientSampleId :

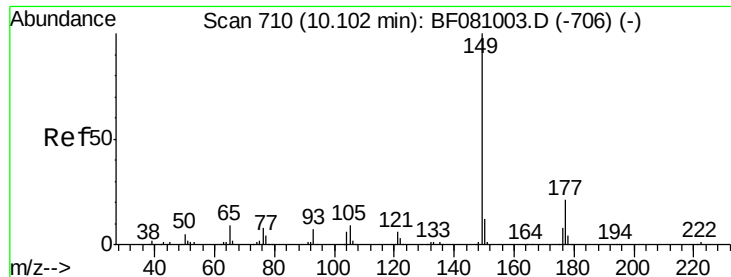
Tot Ion:166 Resp: 411946
 Ion Ratio Lower Upper
 166 100
 165 95.7 75.8 113.8
 167 14.5 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.13 ng
 RT: 9.92 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Tgt Ion:232 Resp: 98277
 Ion Ratio Lower Upper
 232 100
 131 54.0 42.2 63.4
 130 2.5 2.1 3.1
 166 31.7 22.4 33.6

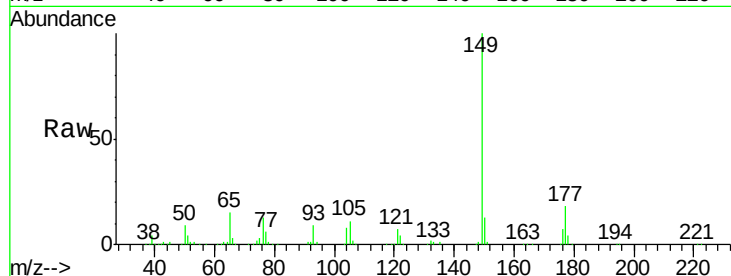




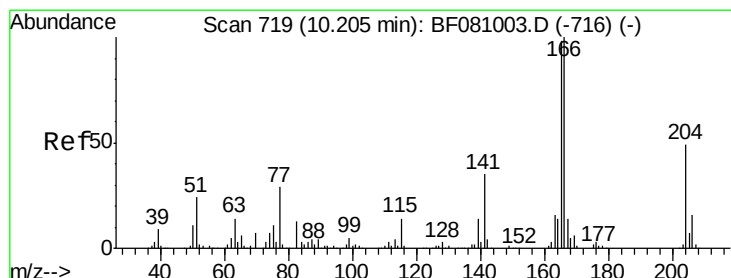
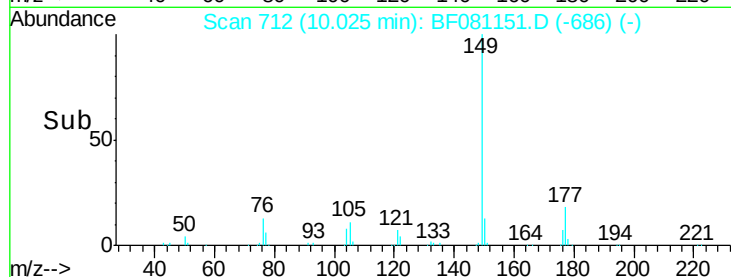
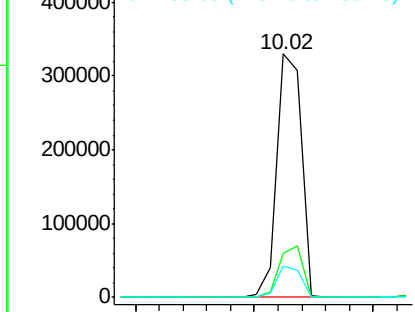
#59
Diethylphthalate
Concen: 45.57 ng
RT: 10.02 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 469753
Ion Ratio Lower Upper
149 100
177 18.2 14.1 21.1
150 12.8 10.3 15.5

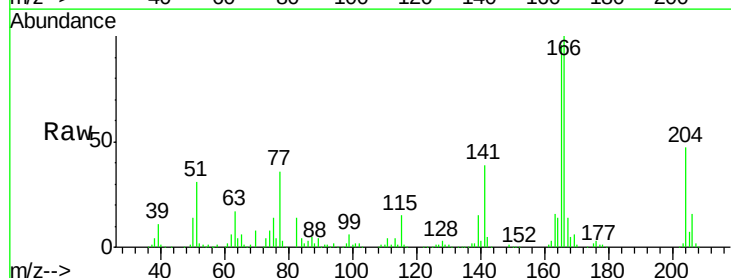


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

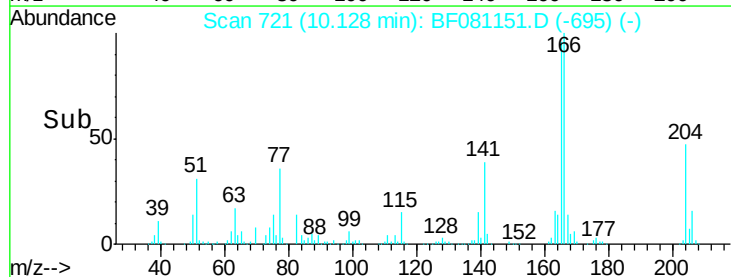
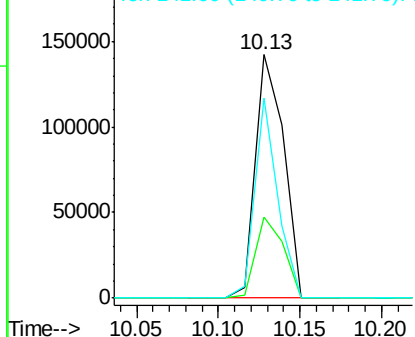


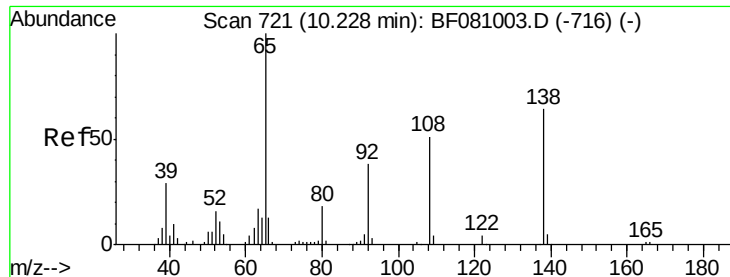
#60
4-Chlorophenyl-phenylether
Concen: 44.05 ng
RT: 10.13 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:204 Resp: 172221
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 81.9 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

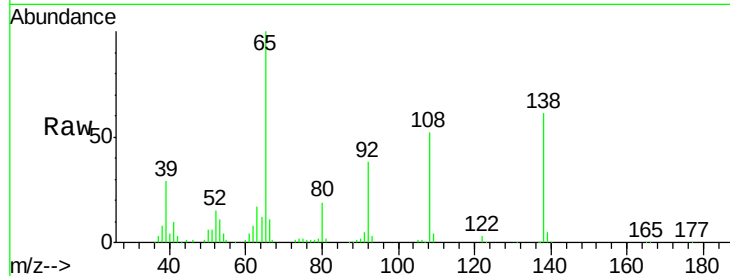




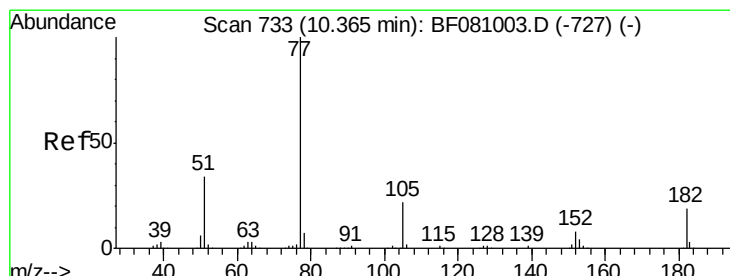
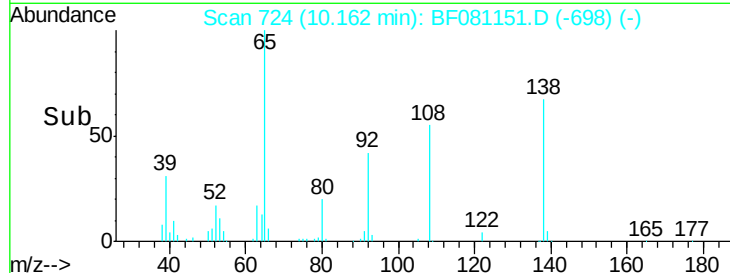
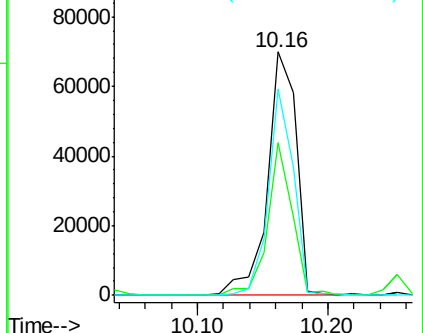
#61
4-Nitroaniline
Concen: 40.66 ng
RT: 10.16 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 108756
Ion Ratio Lower Upper
138 100
92 62.6 34.7 74.7
108 84.8 68.9 108.9

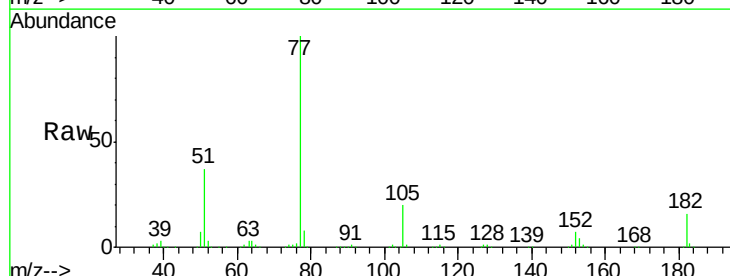


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

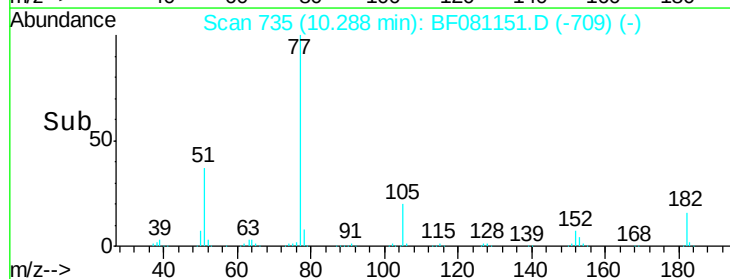
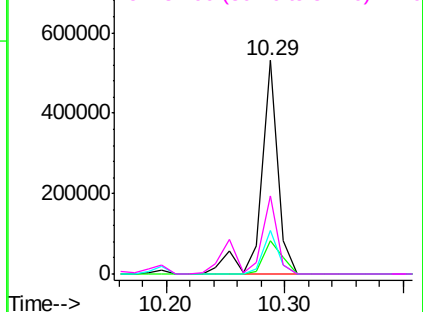


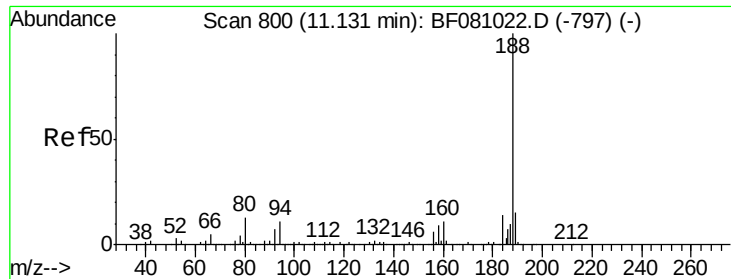
#62
Azobenzene
Concen: 43.99 ng
RT: 10.29 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion: 77 Resp: 522550
Ion Ratio Lower Upper
77 100
182 15.7 0.0 39.0
105 20.1 0.2 40.2
51 36.7 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

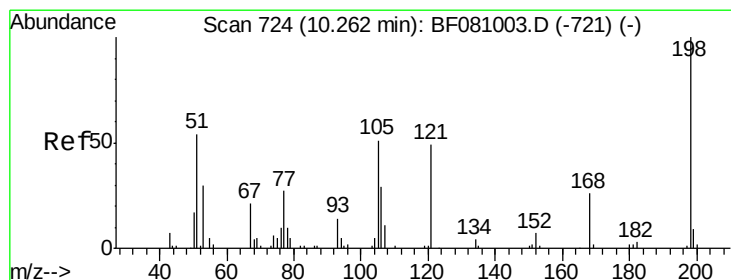
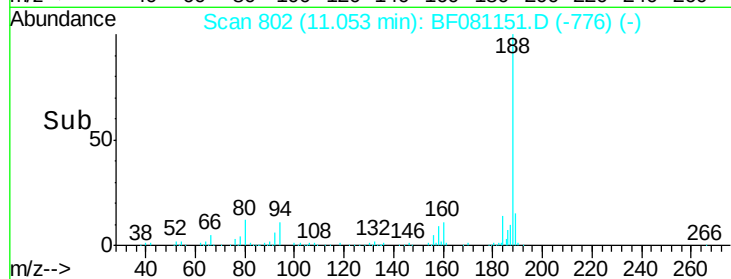
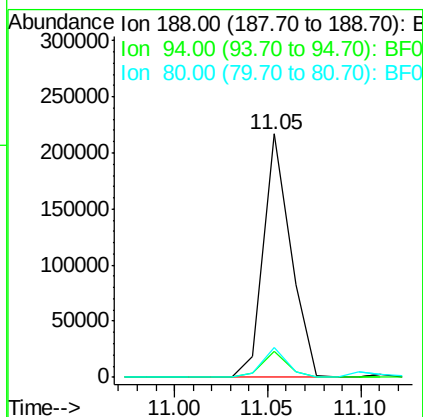
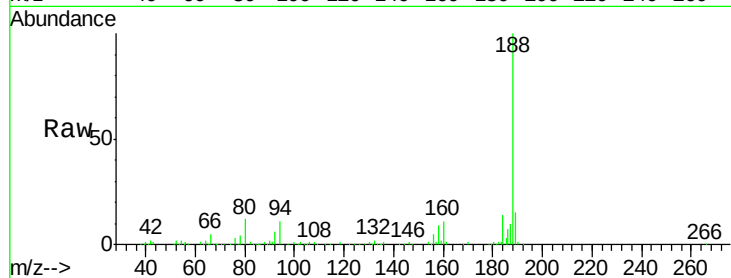




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

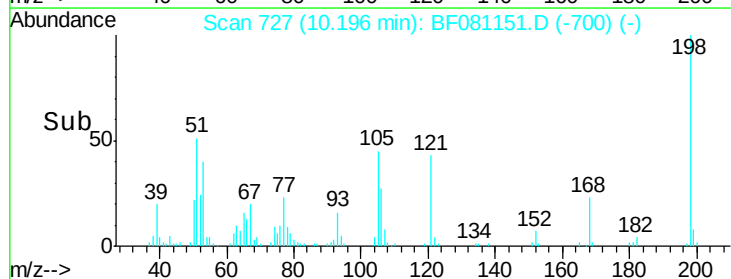
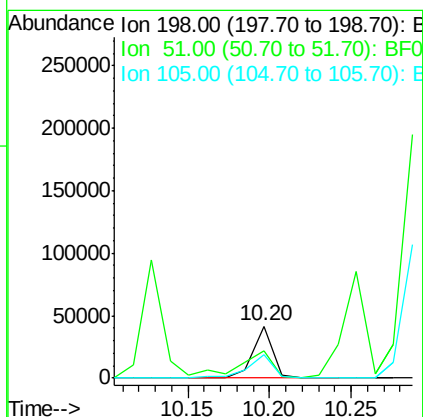
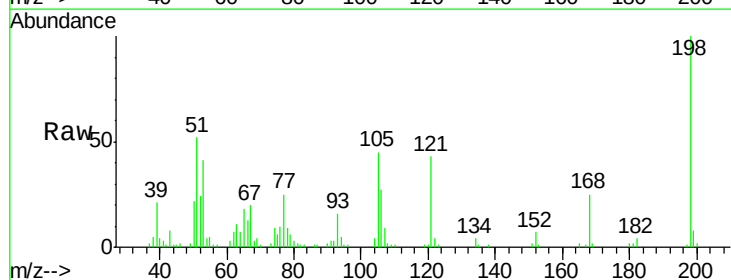
Instrument :
BNA_F
ClientSampleId :

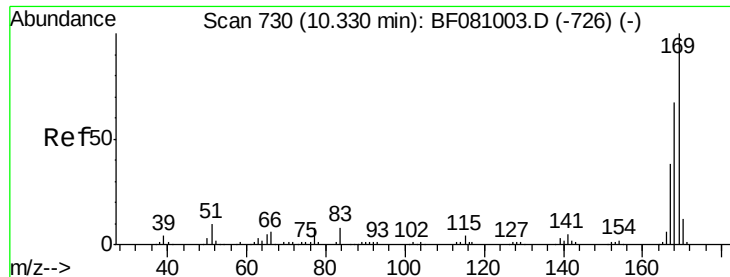
Tot Ion:188 Resp: 219767
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.2
80 12.4 9.5 14.3



#64
4,6-Dinitro-2-methylphenol
Concen: 26.83 ng
RT: 10.20 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:198 Resp: 35215
Ion Ratio Lower Upper
198 100
51 52.4 79.7 119.7#
105 45.4 47.0 87.0#

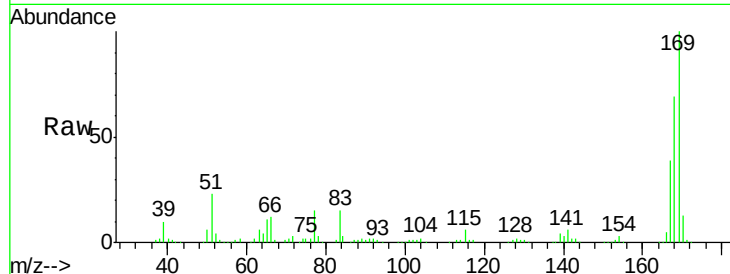




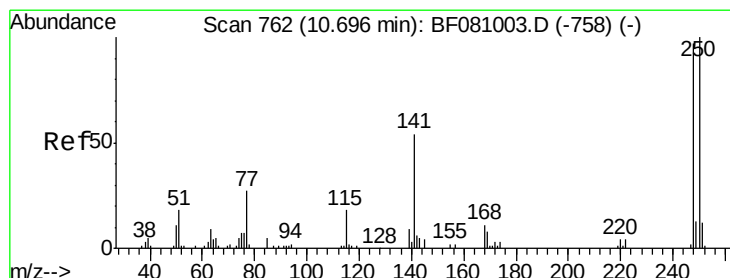
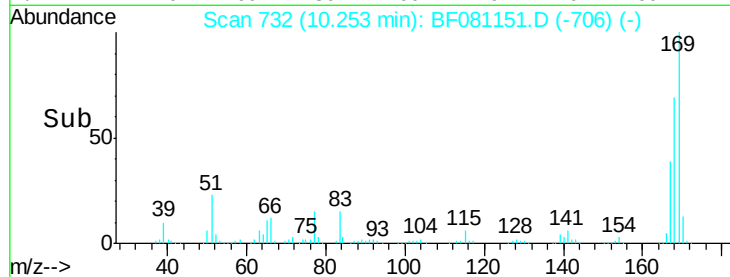
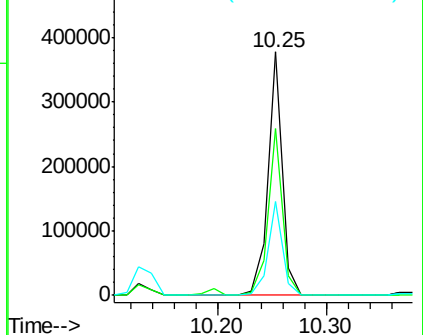
#65
 n-Nitrosodiphenylamine
 Concen: 44.65 ng
 RT: 10.25 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 350311
 Ion Ratio Lower Upper
 169 100
 168 68.6 55.3 82.9
 167 38.5 30.8 46.2

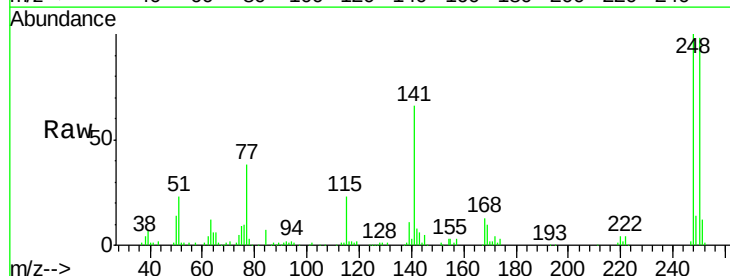


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

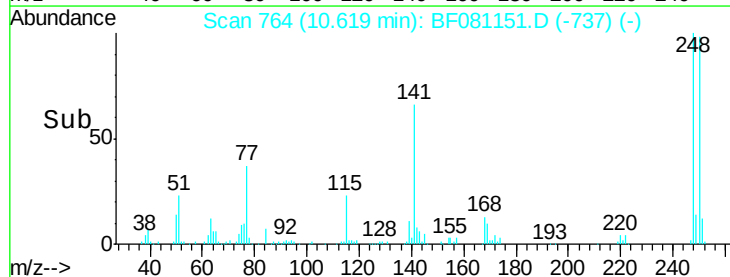
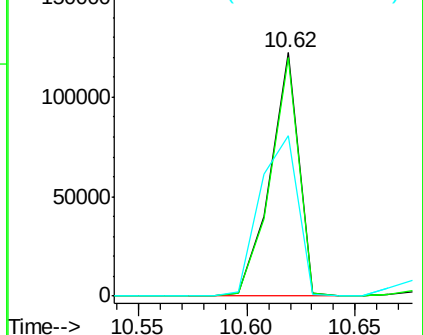


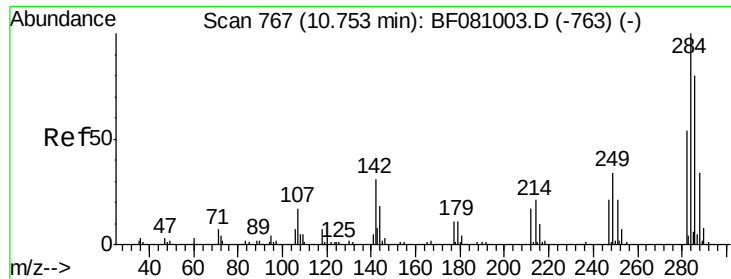
#66
 4-Bromophenyl-phenylether
 Concen: 52.50 ng
 RT: 10.62 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Tgt Ion:248 Resp: 113338
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.8 116.6
 141 66.1 39.8 59.6#



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





#67

Hexachlorobenzene

Concen: 50.59 ng

RT: 10.68 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampleId :

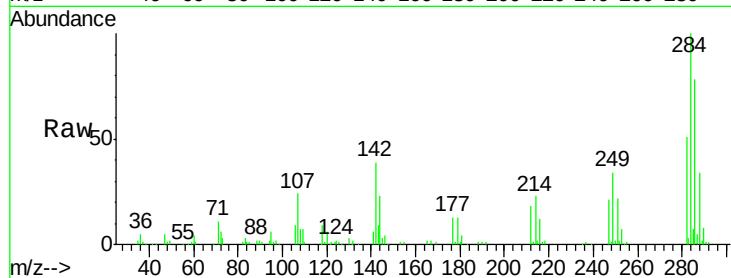
Tot Ion:284 Resp: 110610

Ion Ratio Lower Upper

284 100

142 38.6 25.4 38.0#

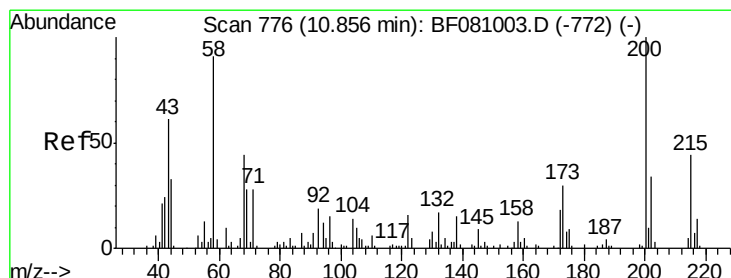
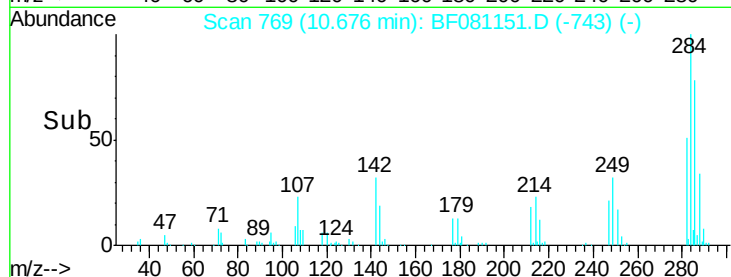
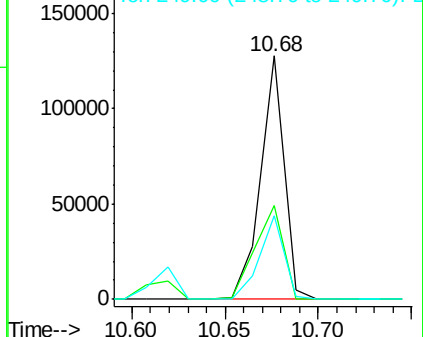
249 34.5 28.5 42.7



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: 56.43 ng

RT: 10.79 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

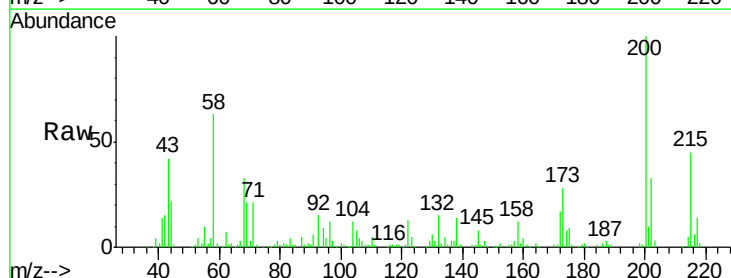
Tgt Ion:200 Resp: 123329

Ion Ratio Lower Upper

200 100

173 28.4 8.1 48.1

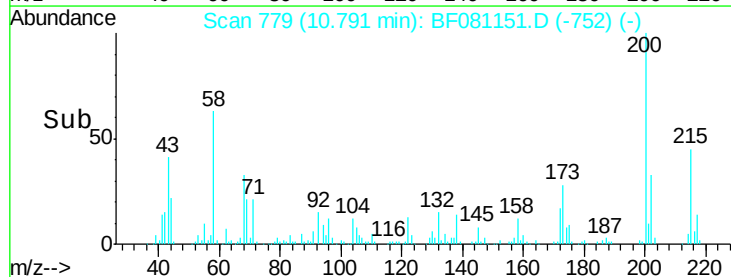
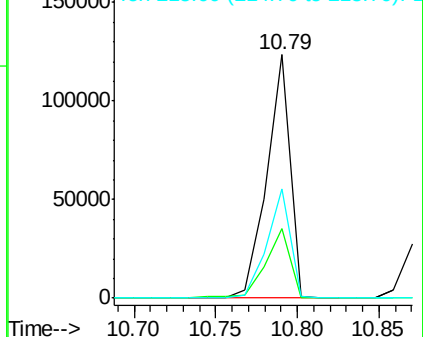
215 44.6 23.3 63.3

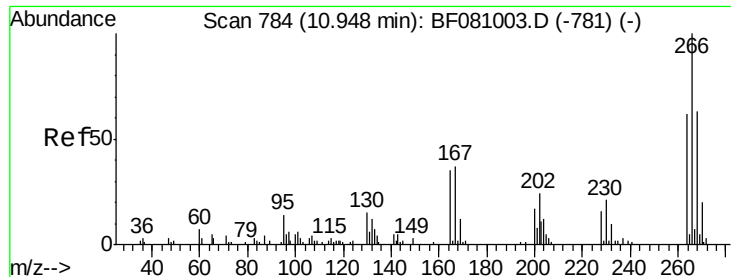


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

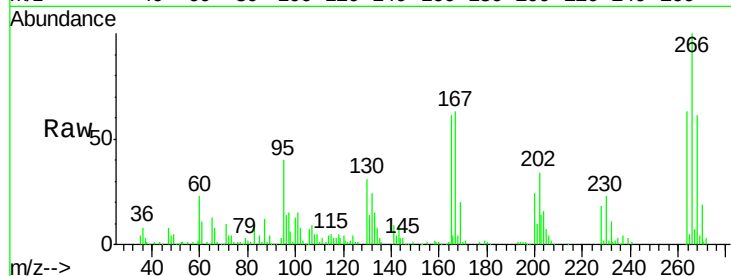




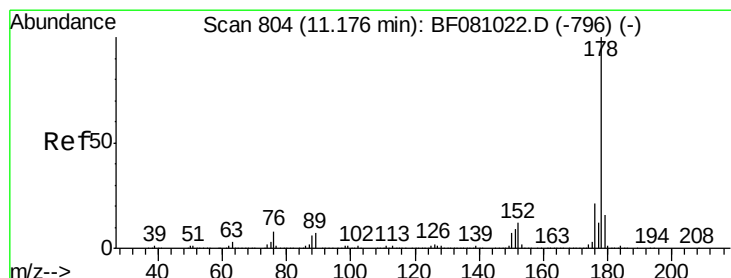
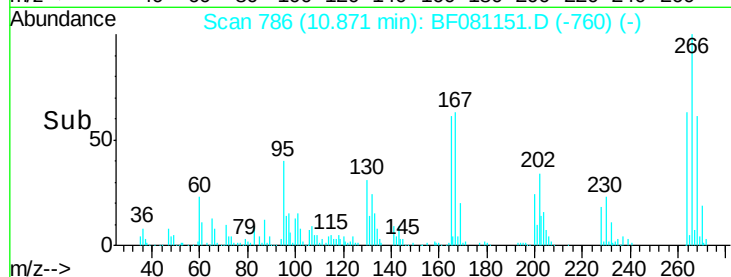
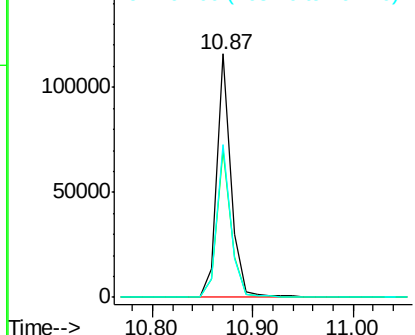
#69
 Pentachlorophenol
 Concen: 87.42 ng
 RT: 10.87 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 114682
 Ion Ratio Lower Upper
 266 100
 268 60.6 51.2 76.8
 264 62.9 50.6 75.8

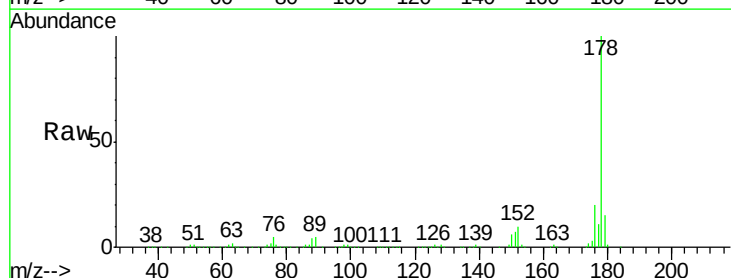


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

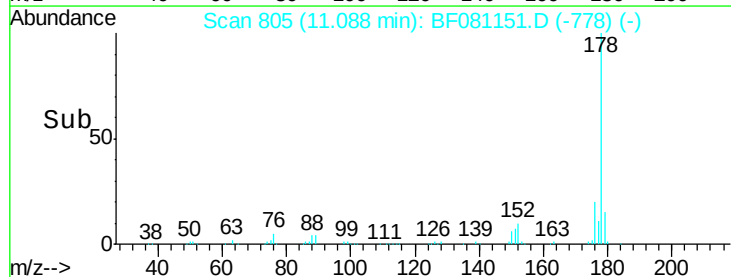
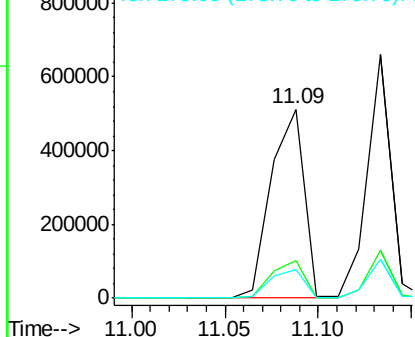


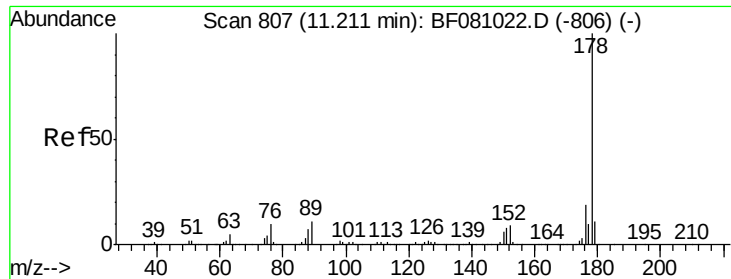
#70
 Phenanthrene
 Concen: 48.33 ng
 RT: 11.09 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Tgt Ion:178 Resp: 629515
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.7 23.5
 179 15.3 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

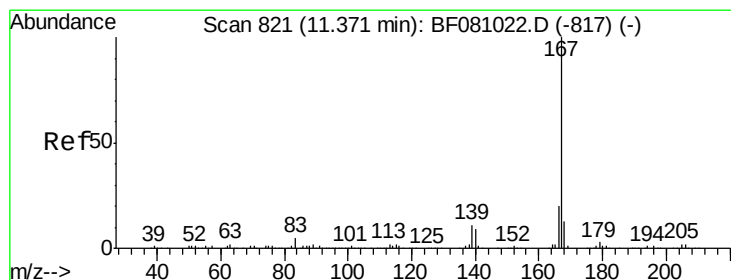
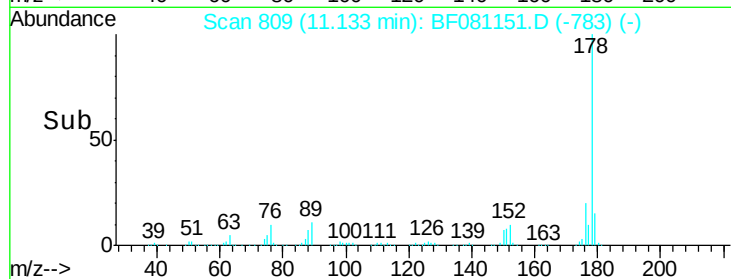
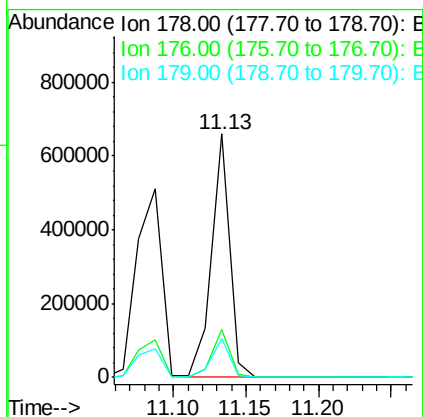
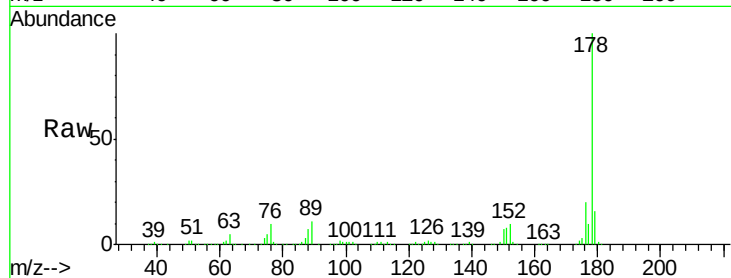




#71
 Anthracene
 Concen: 45.20 ng
 RT: 11.13 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

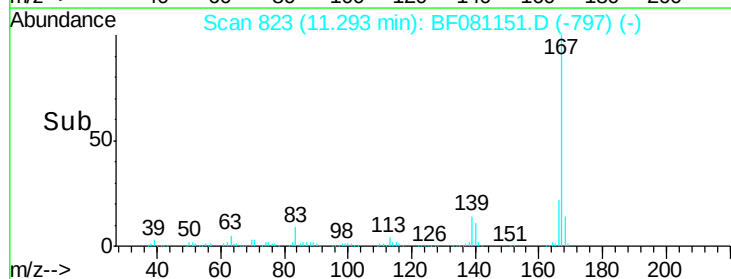
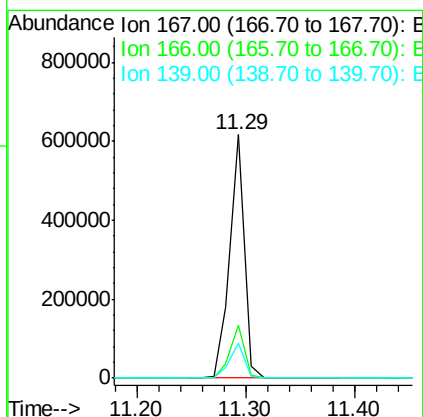
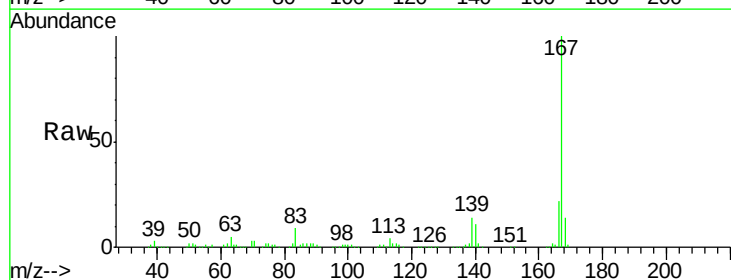
Instrument :
 BNA_F
 ClientSampleId :

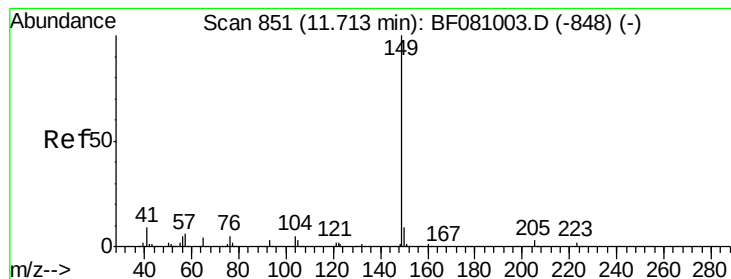
Tot Ion:178 Resp: 572864
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.7 23.5
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 47.08 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Tgt Ion:167 Resp: 574520
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 14.3 10.6 16.0





#73

Di-n-butylphthalate

Concen: 46.23 ng

RT: 11.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampled :

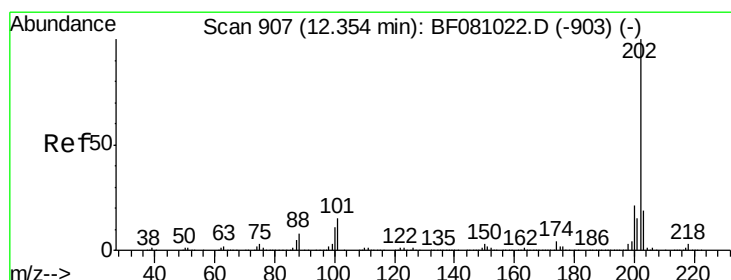
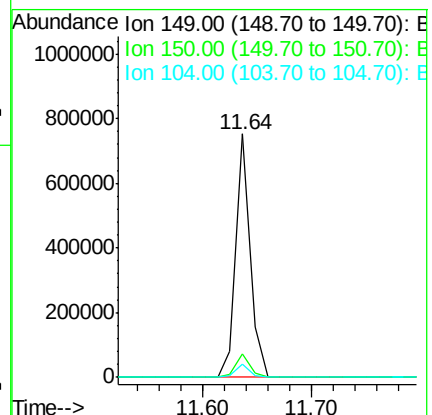
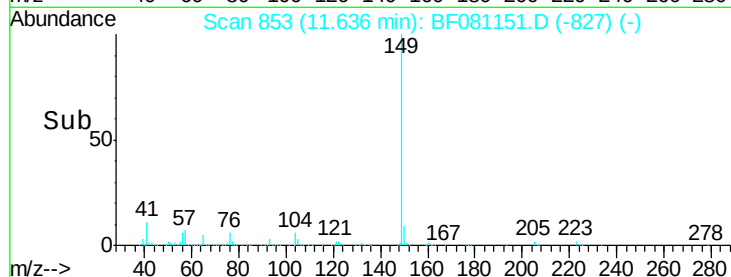
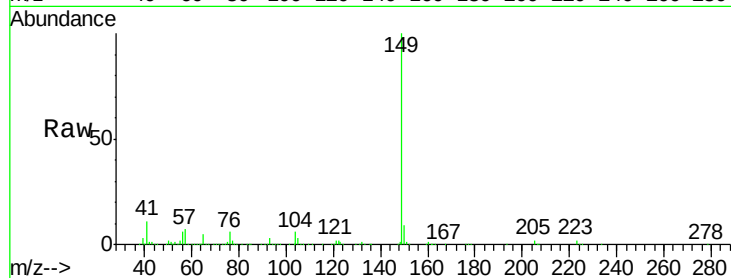
Tot Ion:149 Resp: 682586

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

104 5.6 3.9 5.9



#74

Fluoranthene

Concen: 44.08 ng

RT: 12.25 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

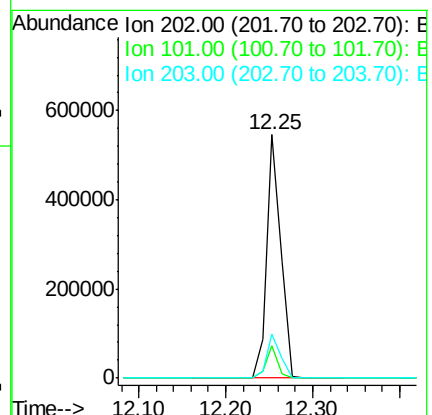
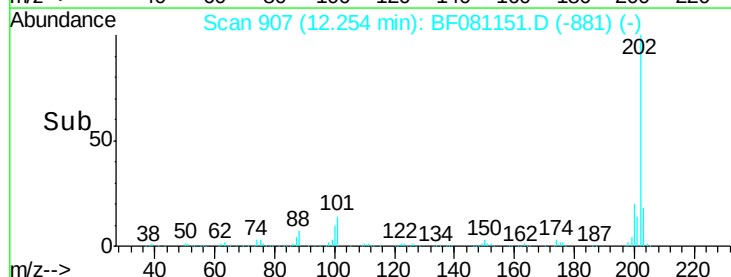
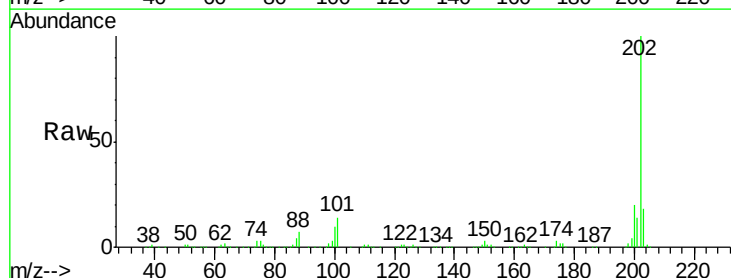
Tgt Ion:202 Resp: 619585

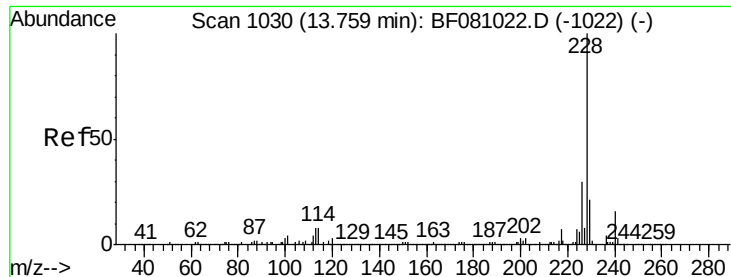
Ion Ratio Lower Upper

202 100

101 13.5 0.0 24.8

203 17.9 0.0 36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampleId :

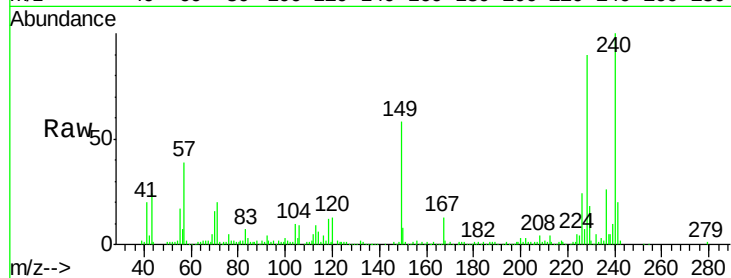
Tot Ion:240 Resp: 151608

Ion Ratio Lower Upper

240 100

120 12.9 5.6 8.4#

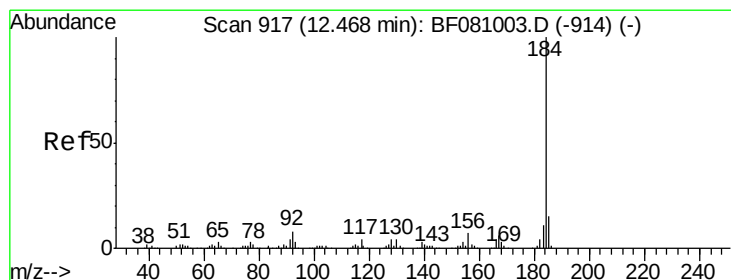
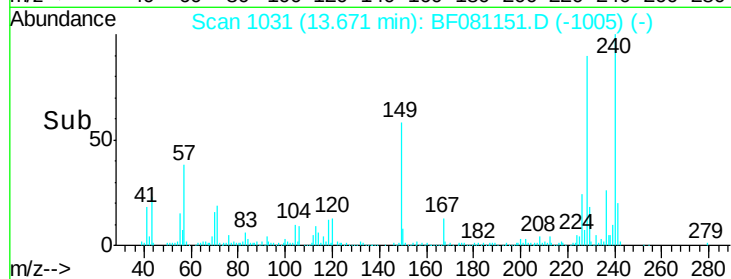
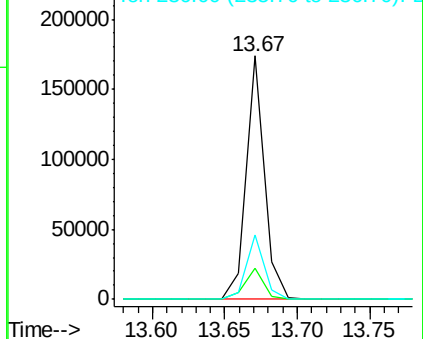
236 26.3 20.6 30.8



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: 36.98 ng

RT: 12.39 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

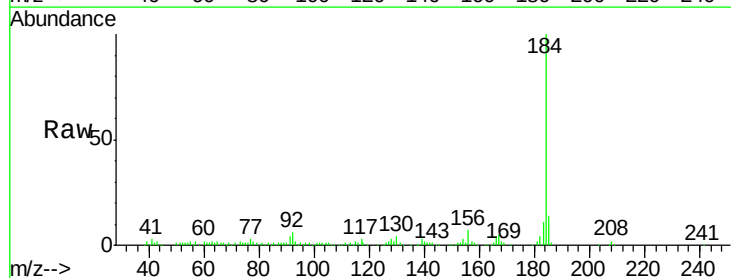
Tgt Ion:184 Resp: 211801

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

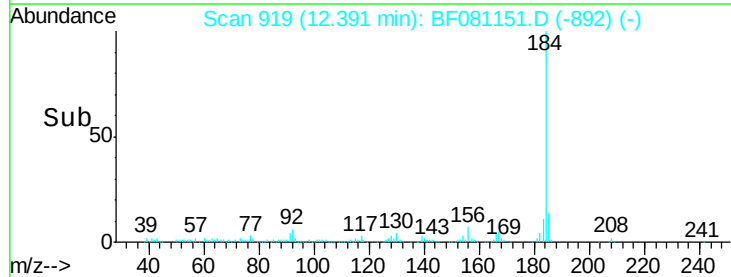
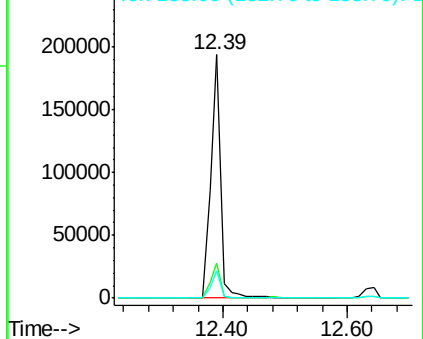
183 11.2 8.9 13.3

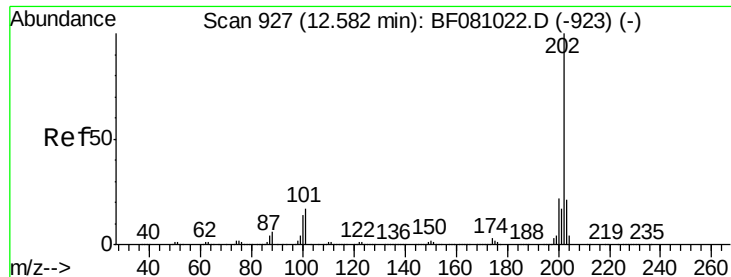


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 54.49 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampleId :

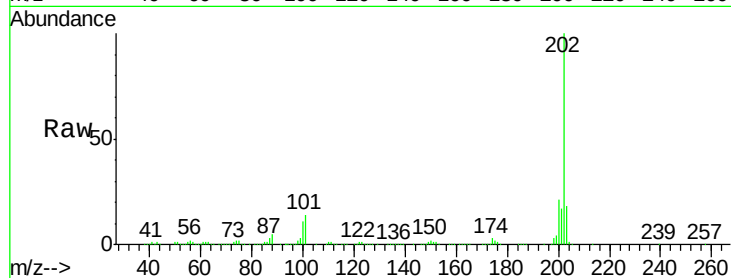
Tot Ion:202 Resp: 671531

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

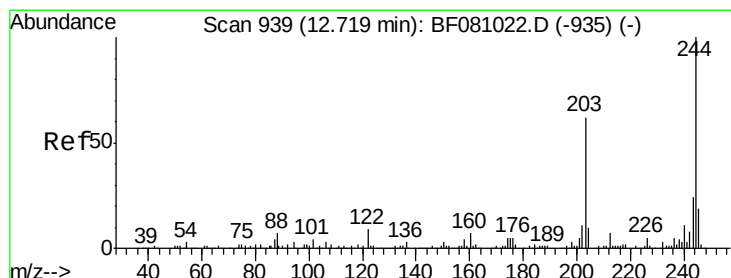
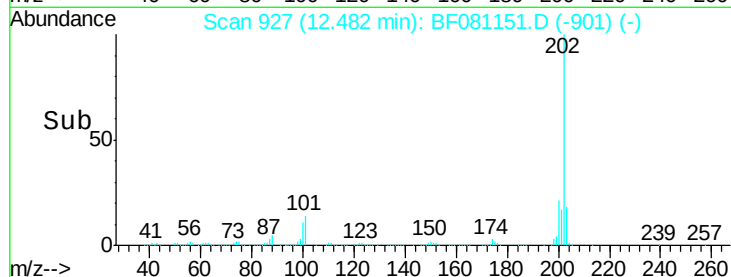
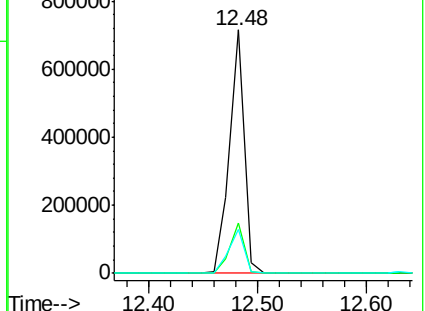
203 18.0 14.1 21.1



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: 99.05 ng

RT: 12.64 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

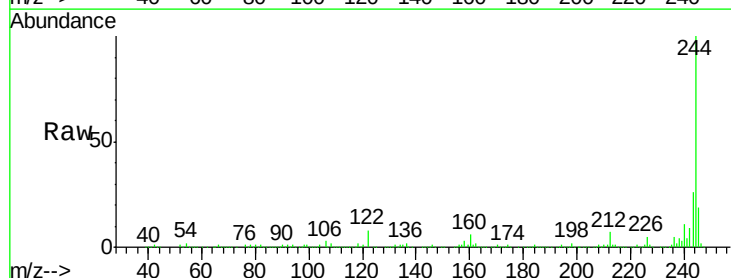
Tgt Ion:244 Resp: 700441

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

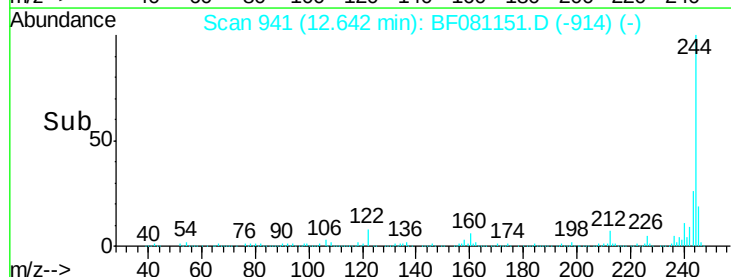
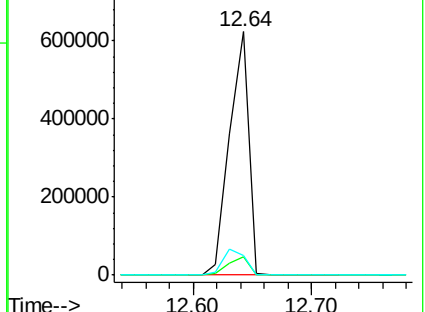
122 7.9 8.2 12.4#

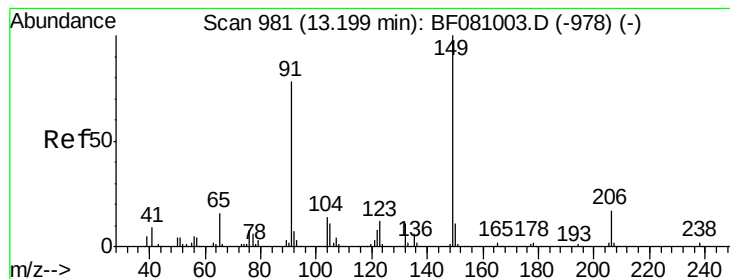


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 59.98 ng

RT: 13.12 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampleId :

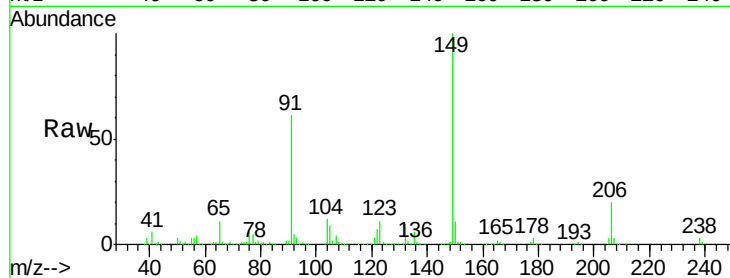
Tot Ion:149 Resp: 317769

Ion Ratio Lower Upper

149 100

91 61.2 46.9 70.3

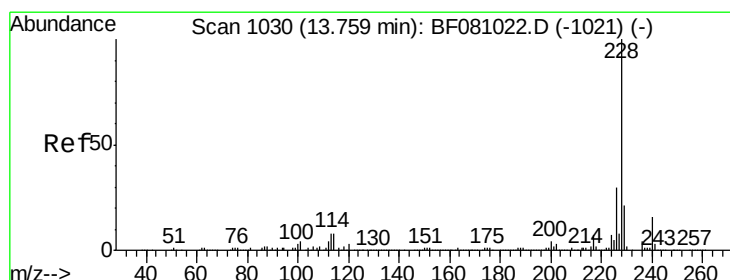
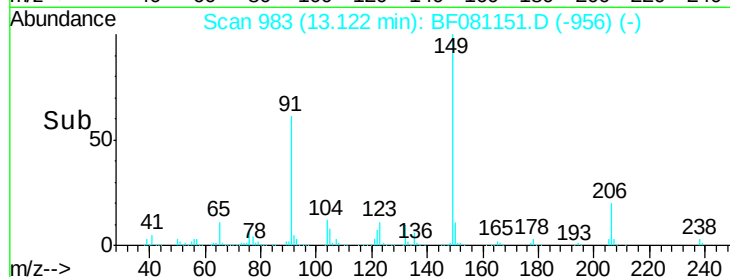
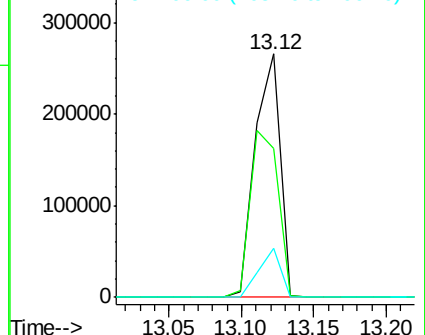
206 20.2 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.91 ng

RT: 13.66 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

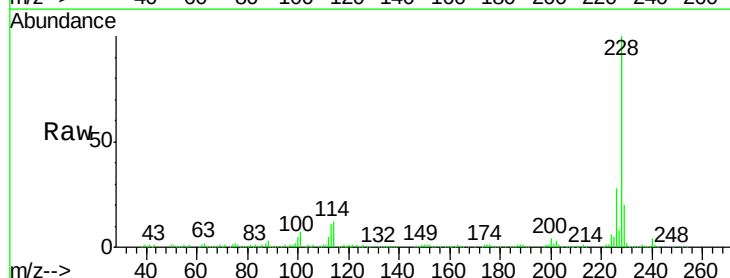
Tgt Ion:228 Resp: 487110

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

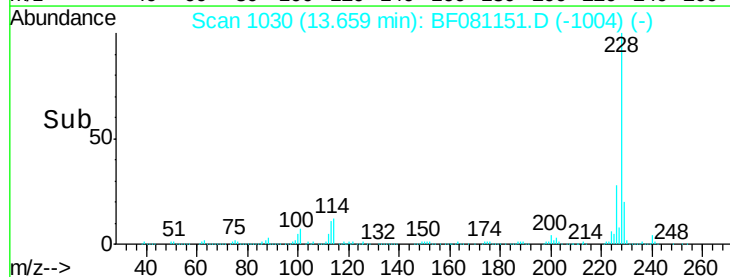
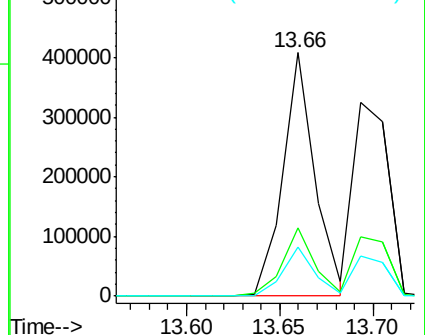
229 20.0 15.9 23.9

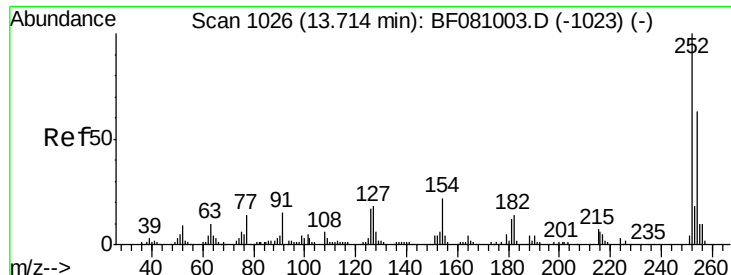


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

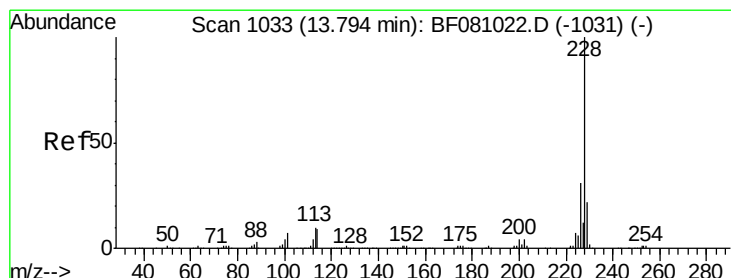
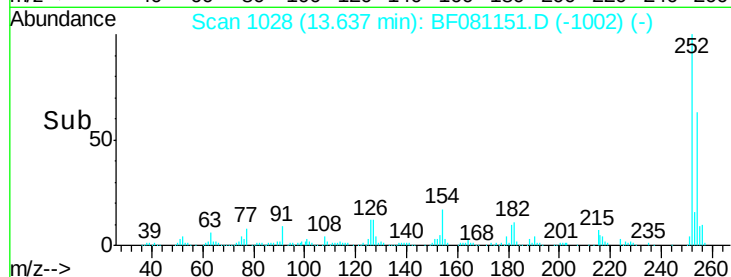
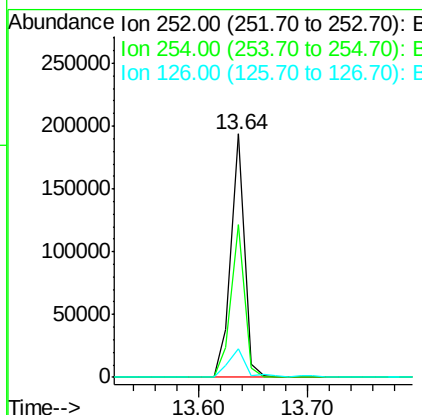
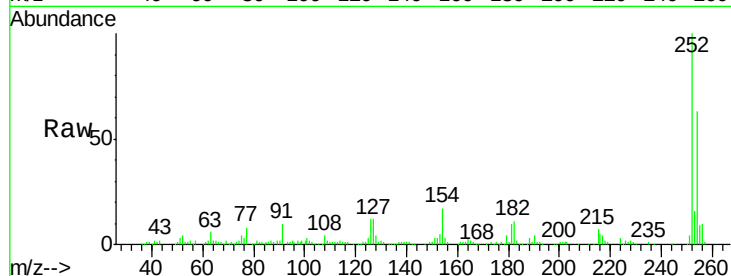




#81
 3,3'-Dichlorobenzidine
 Concen: 51.24 ng
 RT: 13.64 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

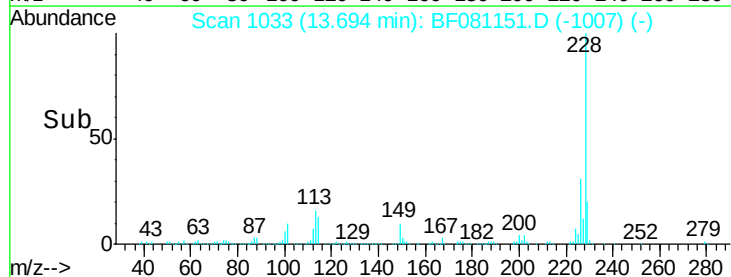
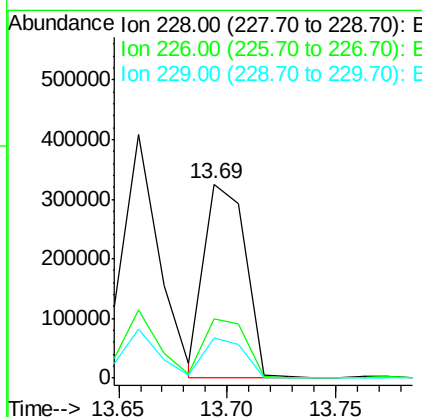
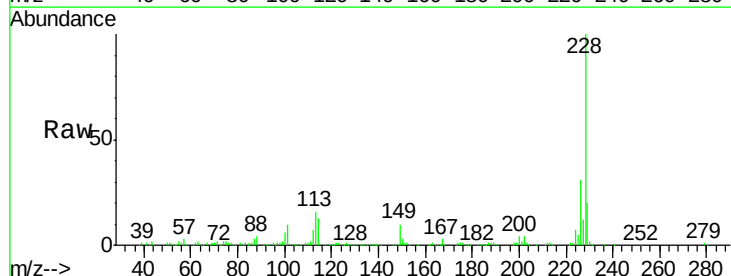
Instrument :
 BNA_F
 ClientSampled :

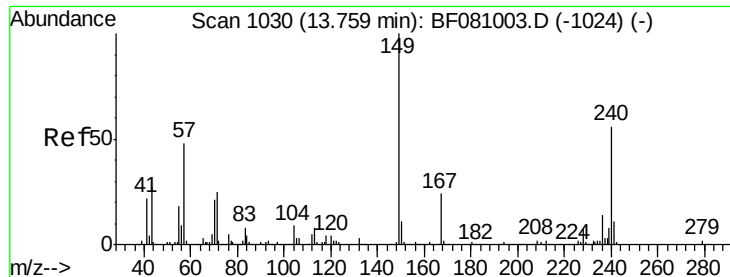
Tot Ion:252 Resp: 168736
 Ion Ratio Lower Upper
 252 100
 254 62.7 51.5 77.3
 126 12.0 12.5 18.7#



#82
 Chrysene
 Concen: 46.67 ng
 RT: 13.69 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Tgt Ion:228 Resp: 427616
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.4 36.6
 229 20.4 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 61.56 ng

RT: 13.68 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampleId :

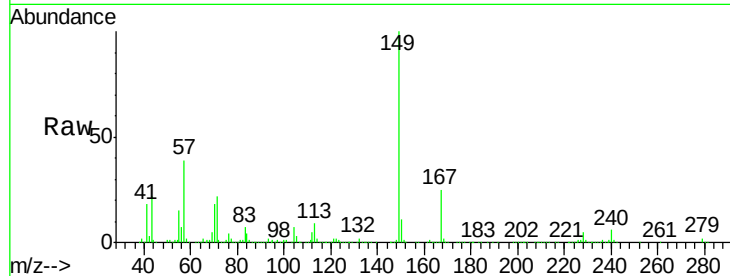
Tot Ion:149 Resp: 417729

Ion Ratio Lower Upper

149 100

167 25.0 20.7 31.1

279 2.2 2.2 3.4#

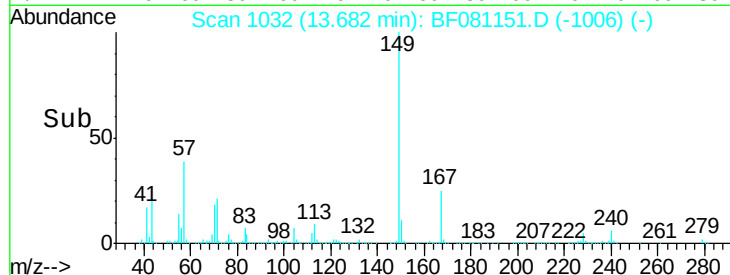


Abundance Ion 149.00 (148.70 to 149.70): E

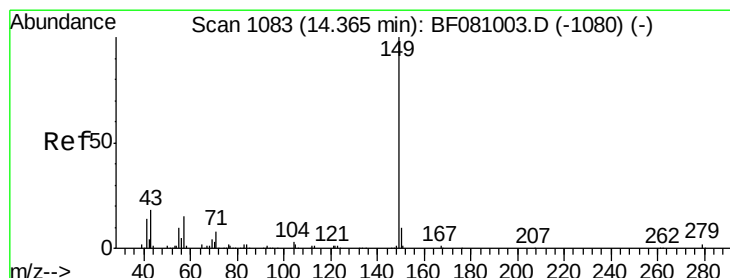
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

13.68



Time-->



#84

Di-n-octyl phthalate

Concen: 62.24 ng

RT: 14.29 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

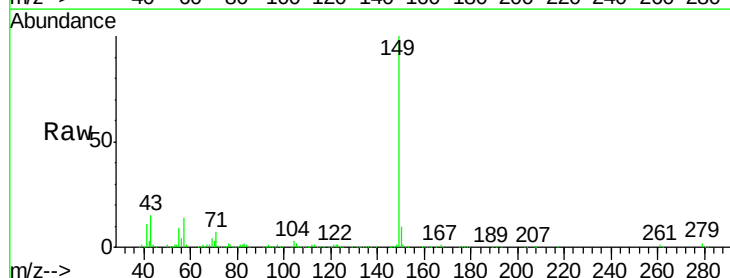
Tgt Ion:149 Resp: 641877

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

43 15.4 11.6 17.4

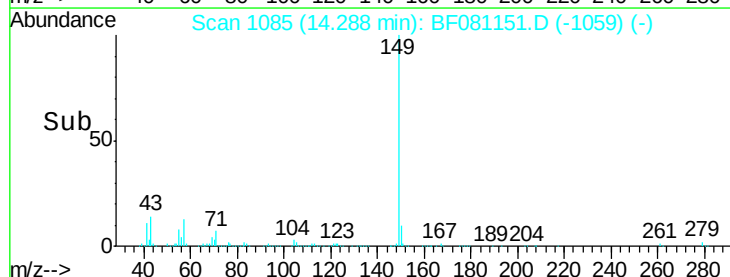


Abundance Ion 149.00 (148.70 to 149.70): E

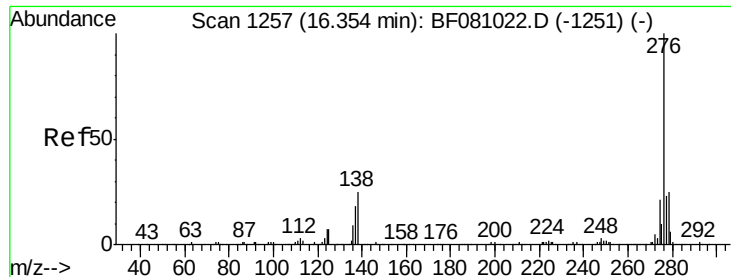
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

14.29



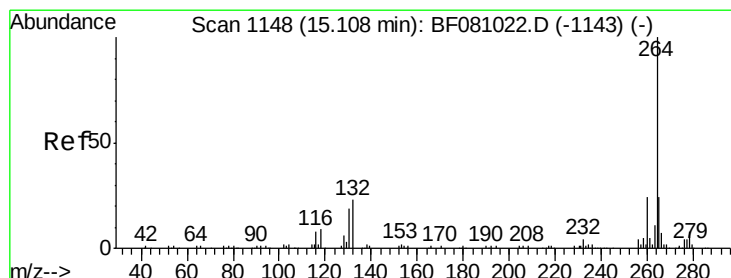
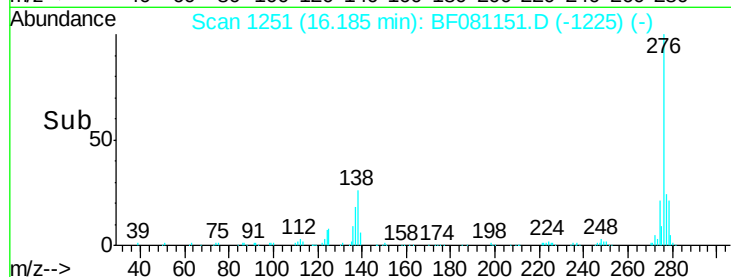
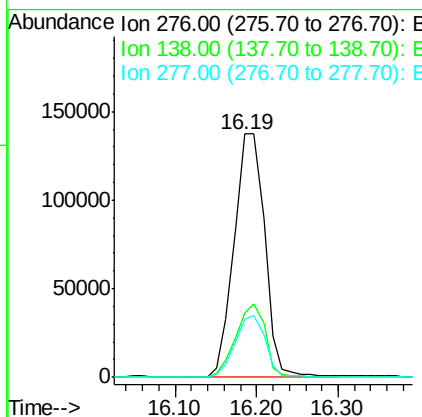
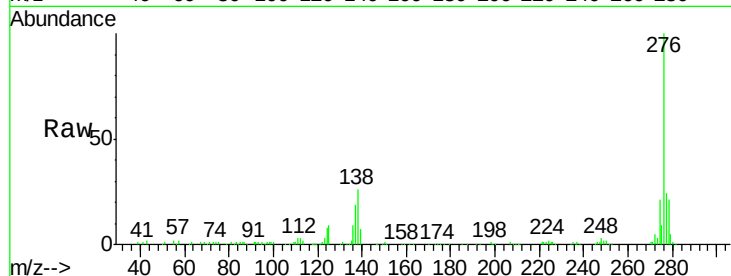
Time-->



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.00 ng
 RT: 16.19 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

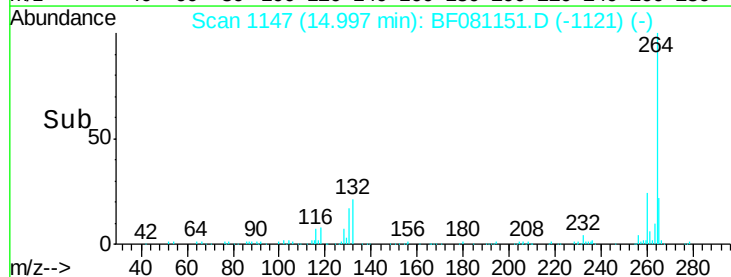
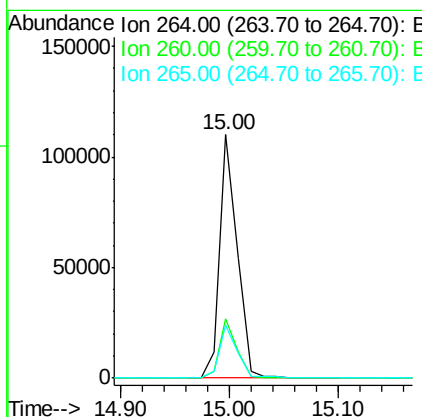
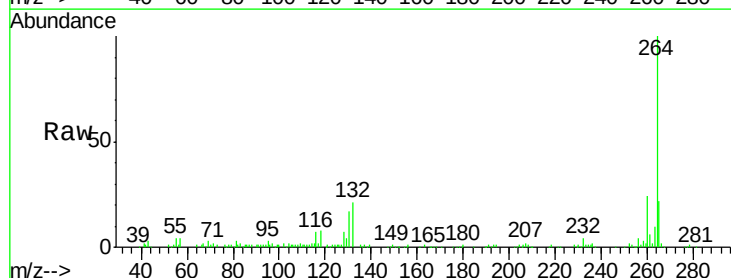
Instrument :
 BNA_F
 ClientSampleId :

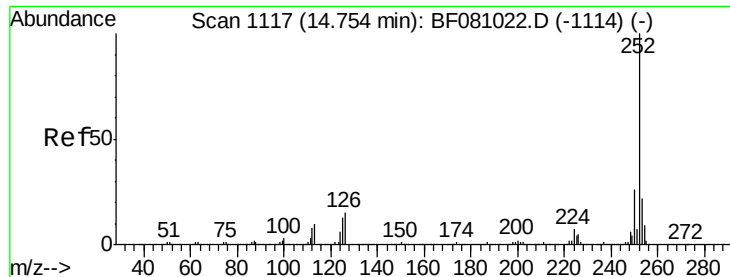
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	18.6	28.0#
277	25.2	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.00 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF081151.D
 Acq: 21 Aug 2015 18:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 84.17 ng

RT: 14.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampled :

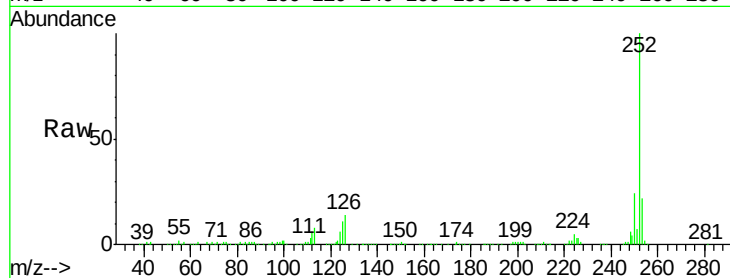
Tot Ion:252 Resp: 738535

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

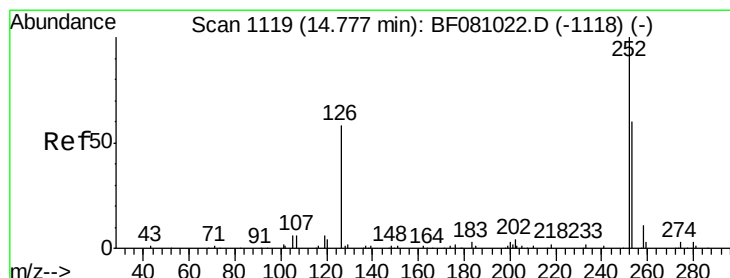
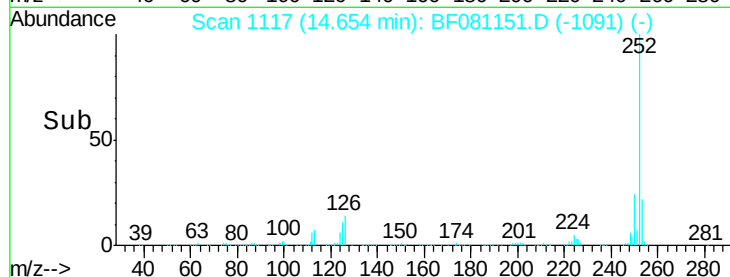
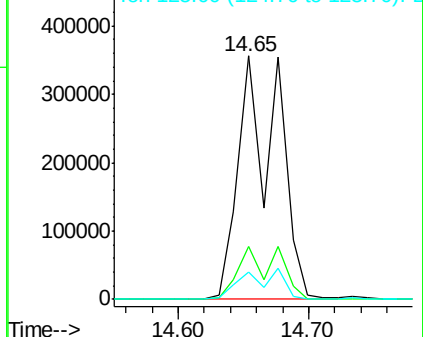
125 11.1 8.0 12.0



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: 90.34 ng

RT: 14.65 min Scan# 1117

Delta R.T. -0.02 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

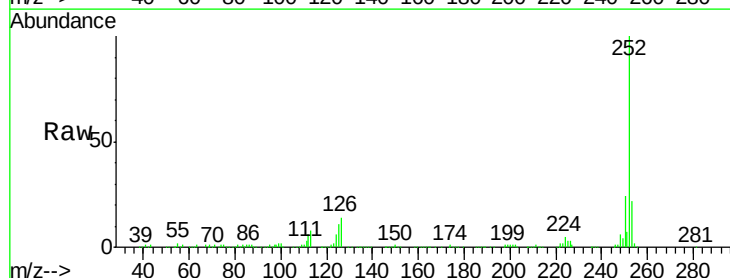
Tgt Ion:252 Resp: 738535

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

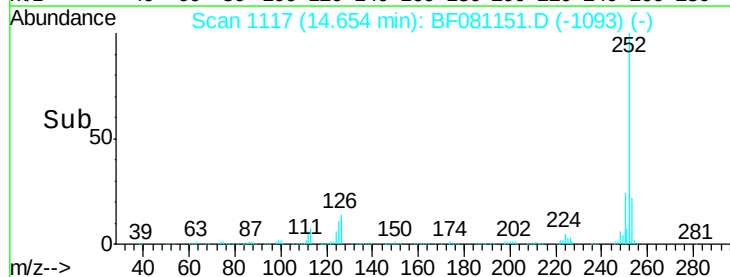
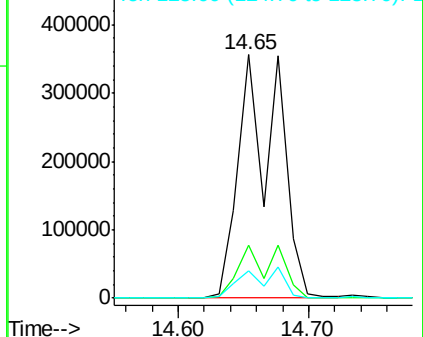
125 11.1 10.3 15.5

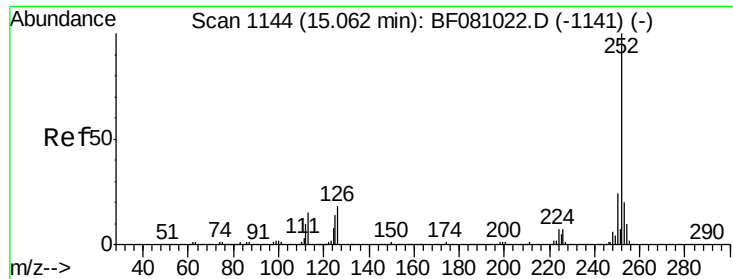


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

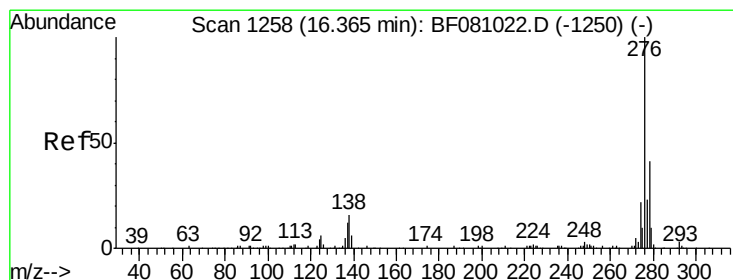
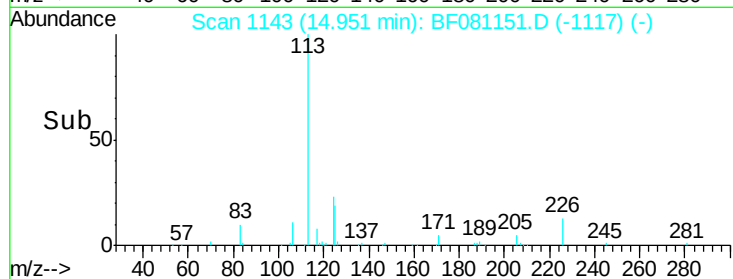
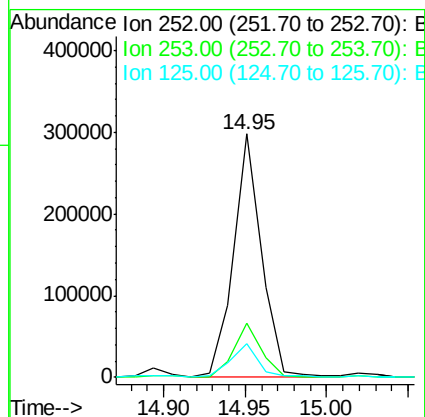
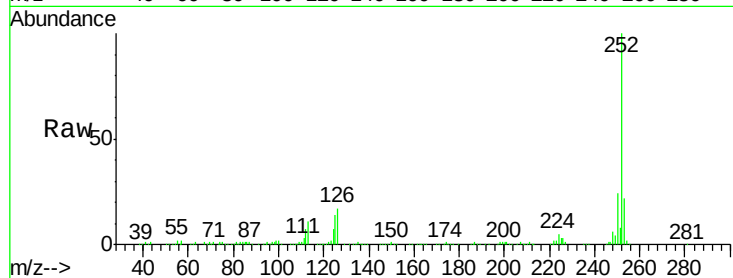




#89
Benzo(a)pyrene
Concen: 45.80 ng
RT: 14.95 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

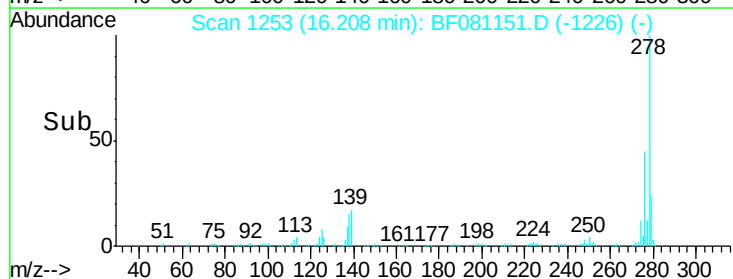
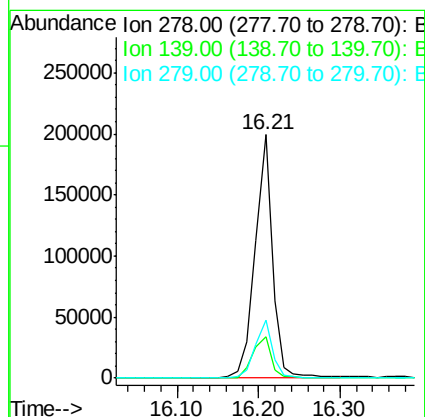
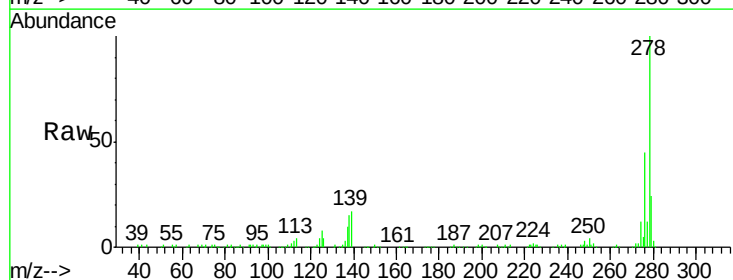
Instrument :
BNA_F
ClientSampleId :

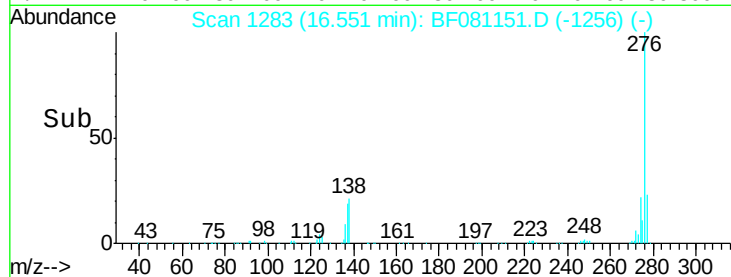
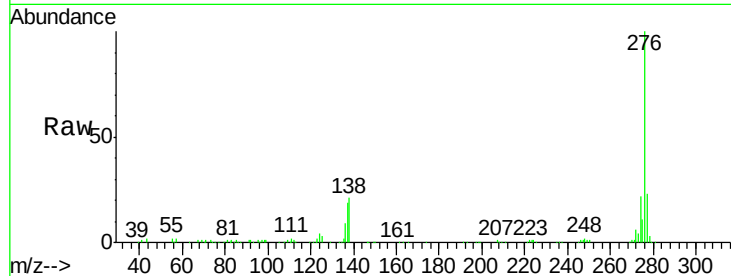
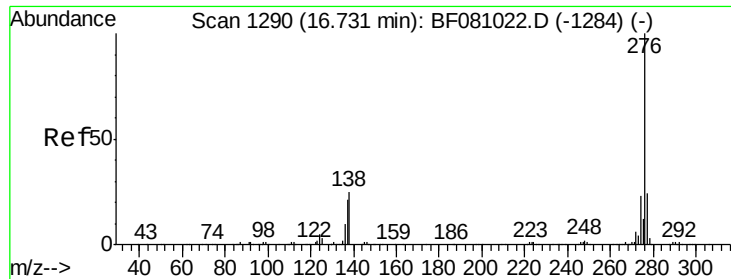
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.6	25.0
125	13.7	7.8	11.8



#90
Dibenzo(a,h)anthracene
Concen: 49.87 ng
RT: 16.21 min Scan# 1253
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	10.8	16.2
279	23.8	19.0	28.6





#91

Benzo(a,h,i)perylene

Concen: 48.41 ng

RT: 16.55 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF081151.D

Acq: 21 Aug 2015 18:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 292563

Ion Ratio Lower Upper

276 100

277 22.9 18.2 27.2

138 21.2 13.7 20.5#

