

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080920.D
 Acq On : 7 Aug 2015 11:44
 Operator : TP/UM
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 23:57:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 23:54:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	49379	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	205739	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	103440	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	204362	20.00	ng	0.00
75) Chrysene-d12	13.96	240	178326	20.00	ng	0.00
86) Perylene-d12	15.36	264	175781	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	241992	80.07	ng	0.00
7) Phenol-d6	6.44	99	359065	86.70	ng	0.00
23) Nitrobenzene-d5	7.38	82	353635	81.30	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	96611	85.02	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	547766	74.55	ng	0.00
78) Terphenyl-d14	12.91	244	672349	77.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	58475	40.79	ng	100
3) Pyridine	3.02	79	156119	38.14	ng	100
4) n-Nitrosodimethylamine	2.97	42	86620	41.74	ng	100
6) Aniline	6.46	93	239579	39.37	ng	100
8) 2-Chlorophenol	6.59	128	150947	43.16	ng	100
9) Benzaldehyde	6.35	77	117504	41.87	ng	100
10) Phenol	6.45	94	226951	46.19	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	148975	40.61	ng	100
12) 1,3-Dichlorobenzene	6.75	146	157193	42.36	ng	100
13) 1,4-Dichlorobenzene	6.83	146	149181	38.68	ng	100
14) 1,2-Dichlorobenzene	6.98	146	146294	41.96	ng	100
15) Benzyl Alcohol	6.96	79	147932	43.65	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	289290	39.19	ng	100
17) 2-Methylphenol	7.07	107	123556	41.39	ng	100
18) Hexachloroethane	7.32	117	59779	40.46	ng	100
19) n-Nitroso-di-n-propylamine	7.23	70	126518	41.80	ng	100
20) 3+4-Methylphenols	7.22	107	140647	37.51	ng	100
22) Acetophenone	7.22	105	187183	37.13	ng	100
24) Nitrobenzene	7.39	77	155028	34.62	ng	100
25) Isophorone	7.64	82	327588	39.16	ng	100
26) 2-Nitrophenol	7.71	139	75429	40.03	ng	100
27) 2,4-Dimethylphenol	7.76	122	142376	40.36	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	174796	34.81	ng	100
29) 2,4-Dichlorophenol	7.95	162	112898	38.94	ng	100
30) 1,2,4-Trichlorobenzene	8.04	180	130418	41.16	ng	100
31) Naphthalene	8.12	128	446949	39.41	ng	100
32) Benzoic acid	7.87	122	76184	35.91	ng	100
33) 4-Chloroaniline	8.17	127	193538	41.99	ng	100
34) Hexachlorobutadiene	8.24	225	68197	36.17	ng	100
35) Caprolactam	8.54	113	44611	44.05	ng	100
36) 4-Chloro-3-methylphenol	8.65	107	140858	39.82	ng	100
37) 2-Methylnaphthalene	8.81	142	279842	38.77	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	121668	38.15	ng	100
40) Hexachlorocyclopentadiene	8.97	237	70454	40.49	ng	100

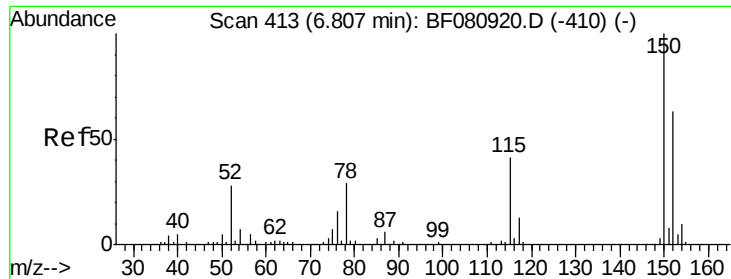
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080920.D
 Acq On : 7 Aug 2015 11:44
 Operator : TP/UM
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 23:57:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 23:54:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	83451	35.10	nq	100
43) 2,4,5-Trichlorophenol	9.13	196	88847	38.99	nq	100
45) 1,1'-Biphenyl	9.28	154	354085	39.89	nq	100
46) 2-Chloronaphthalene	9.30	162	274027	39.59	nq	100
47) 2-Nitroaniline	9.39	65	114024	41.09	nq	100
48) Acenaphthylene	9.71	152	478739	39.79	nq	100
49) Dimethylphthalate	9.57	163	291030	33.87	nq	100
50) 2,6-Dinitrotoluene	9.63	165	64588	36.38	nq	100
51) Acenaphthene	9.88	154	295167	40.05	nq	100
52) 3-Nitroaniline	9.80	138	86502	39.53	nq	100
53) 2,4-Dinitrophenol	9.90	184	39838	42.51	nq	100
54) Dibenzofuran	10.05	168	396365	39.78	nq	100
55) 4-Nitrophenol	9.96	139	71425	43.60	nq	100
56) 2,4-Dinitrotoluene	10.03	165	85117	35.83	nq	100
57) Fluorene	10.40	166	310119	40.23	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	71873	38.41	nq	100
59) Diethylphthalate	10.27	149	325641	36.41	nq	100
60) 4-Chlorophenyl-phenylether	10.38	204	126646	33.72	nq	100
61) 4-Nitroaniline	10.41	138	90456	40.17	nq	100
62) Azobenzene	10.54	77	373252	37.32	nq	100
64) 4,6-Dinitro-2-methylphenol	10.44	198	55923	44.15	nq	100
65) n-Nitrosodiphenylamine	10.51	169	296203	41.72	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	85026	39.28	nq	100
67) Hexachlorobenzene	10.94	284	92925	38.62	nq	100
68) Atrazine	11.04	200	86510	41.56	nq	100
69) Pentachlorophenol	11.13	266	53625	38.32	nq	100
70) Phenanthrene	11.36	178	454769	39.30	nq	100
71) Anthracene	11.40	178	448725	39.17	nq	100
72) Carbazole	11.56	167	459934	41.23	nq	100
73) Di-n-butylphthalate	11.89	149	535368	38.38	nq	100
74) Fluoranthene	12.53	202	526619	42.10	nq	100
76) Benzidine	12.66	184	322472	45.88	nq	100
77) Pyrene	12.76	202	539739	40.97	nq	100
79) Butylbenzylphthalate	13.39	149	272316	42.88	nq	100
80) Benzo(a)anthracene	13.95	228	463241	41.13	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	193021	47.11	nq	100
82) Chrysene	13.99	228	471214	43.69	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	383446	43.39	nq	100
84) Di-n-octyl phthalate	14.56	149	673959	44.98	nq	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	462435	45.03	nq	100
87) Benzo(b)fluoranthene	14.99	252	904458	74.00	nq	# 97
88) Benzo(k)fluoranthene	14.99	252	904418	84.88	nq	100
89) Benzo(a)pyrene	15.31	252	432119	41.13	nq	100
90) Dibenzo(a,h)anthracene	16.74	278	376393	40.50	nq	100
91) Benzo(g,h,i)perylene	17.13	276	374066	41.38	nq	100

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

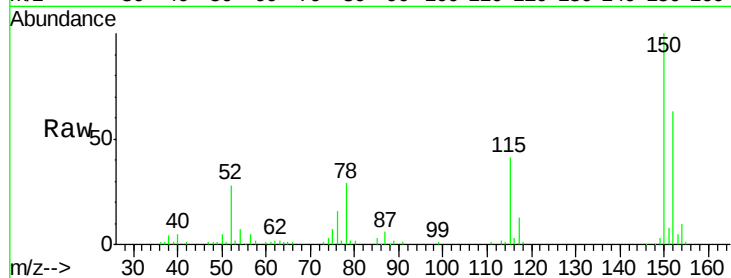


#1

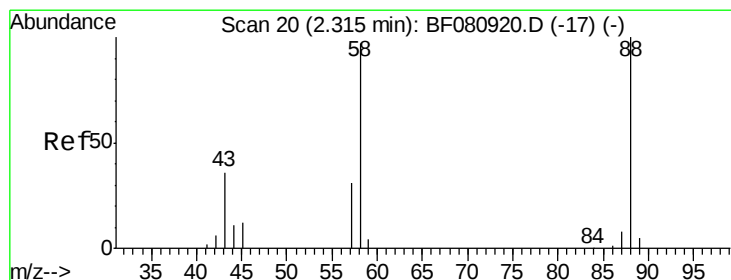
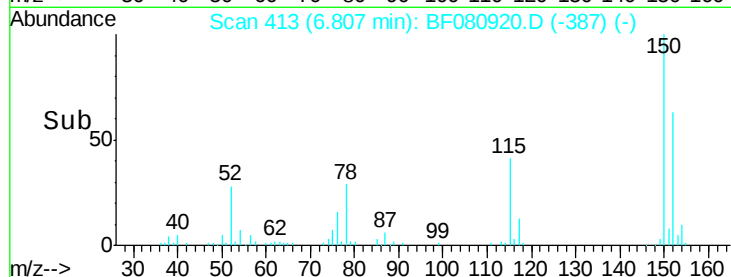
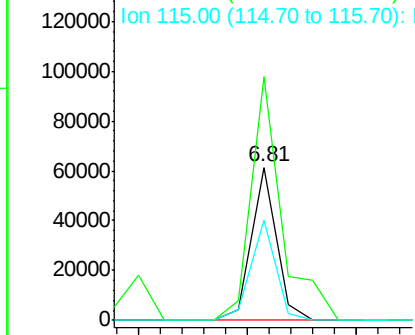
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 49379
Ion Ratio Lower Upper
152 100
150 159.3 127.4 191.2
115 65.7 52.6 78.8



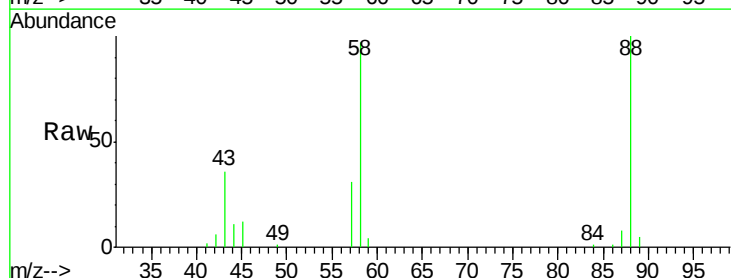
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



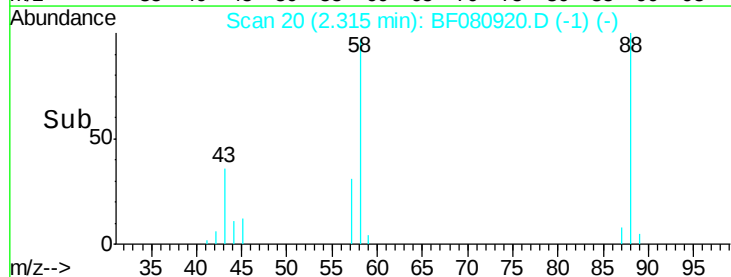
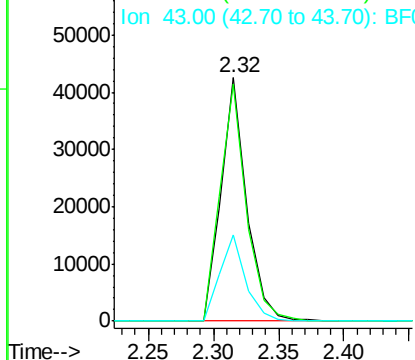
#2

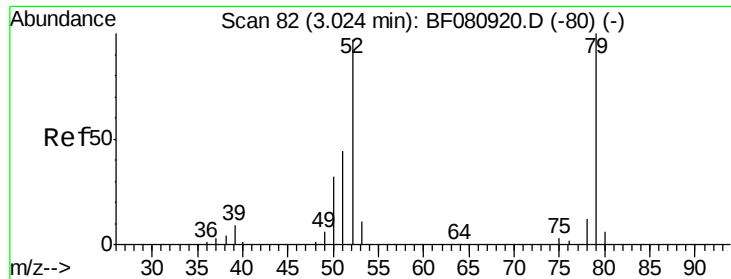
1,4-Dioxane
Concen: 40.79 ng
RT: 2.32 min Scan# 20
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Tgt Ion: 88 Resp: 58475
Ion Ratio Lower Upper
88 100
58 99.1 79.3 118.9
43 35.4 28.3 42.5



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: 38.14 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

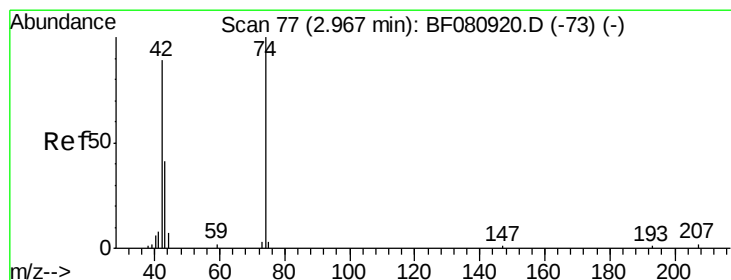
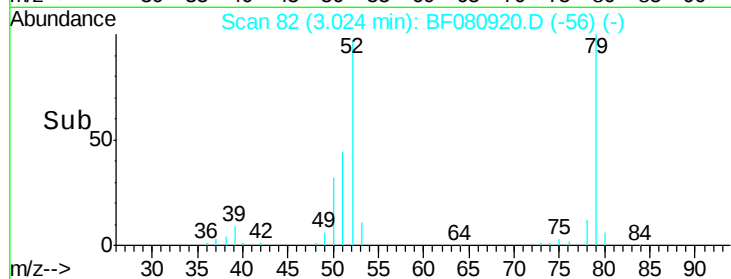
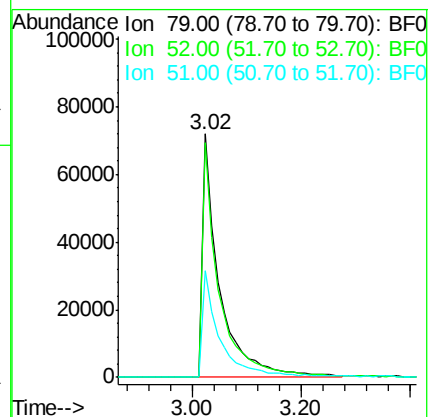
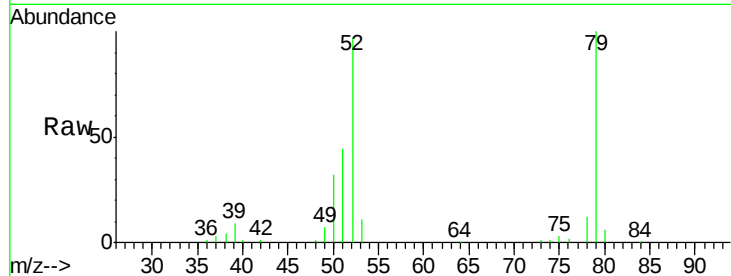
Instrument :

BNA_F

ClientSampled :

Tot Ion: 79 Resp: 156119

Ion	Ratio	Lower	Upper
79	100		
52	96.5	77.2	115.8
51	43.7	35.0	52.4



#4

n-Nitrosodimethylamine

Concen: 41.74 ng

RT: 2.97 min Scan# 77

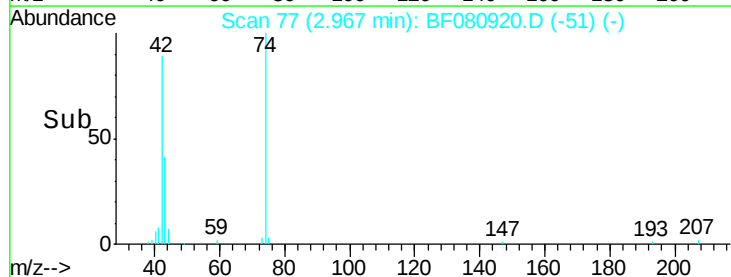
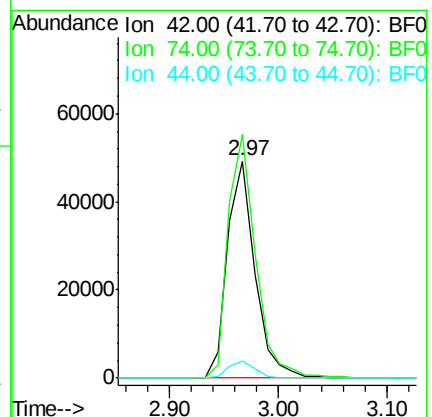
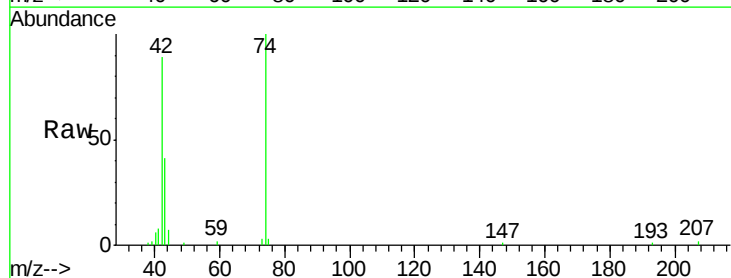
Delta R.T. 0.00 min

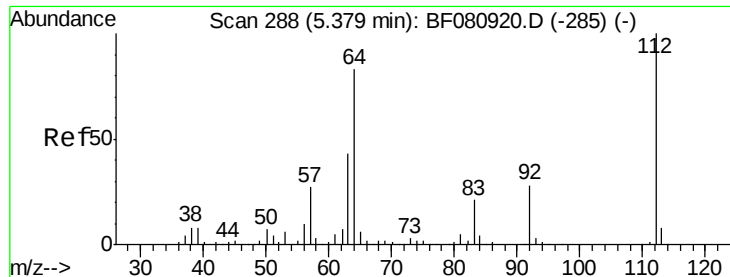
Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Tgt Ion: 42 Resp: 86620

Ion	Ratio	Lower	Upper
42	100		
74	112.3	89.8	134.8
44	8.1	6.5	9.7





#5

2-Fluorophenol

Concen: 80.07 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF080920.D

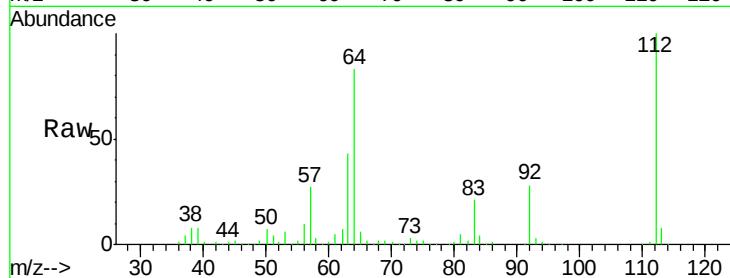
Acq: 7 Aug 2015 11:44

Instrument :

BNA_F

ClientSampleId :

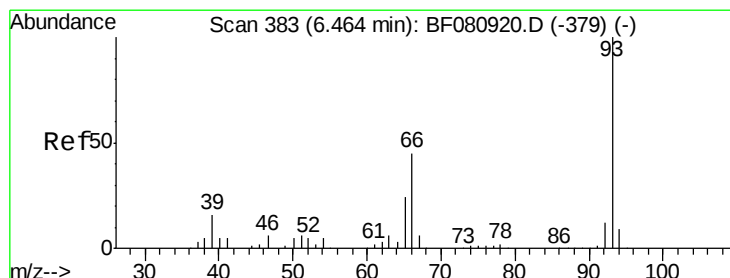
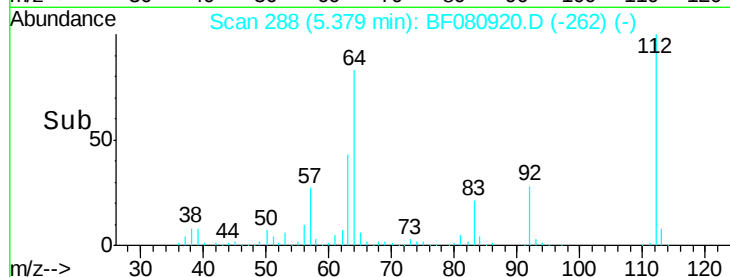
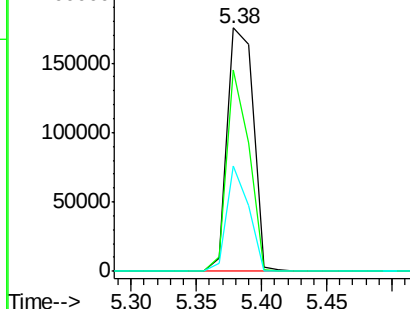
Tot Ion:	112	Resp:	241992
Ion Ratio	Lower	Upper	
112	100		
64	82.6	66.1	99.1
63	43.3	34.6	52.0



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.37 ng

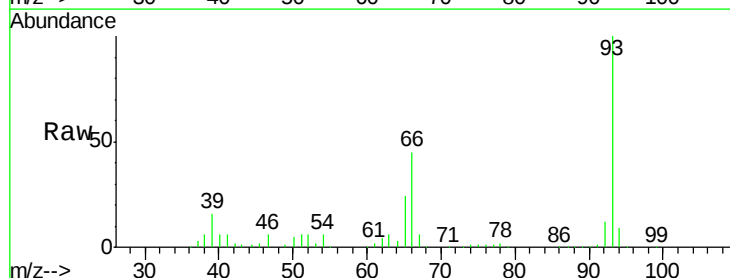
RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

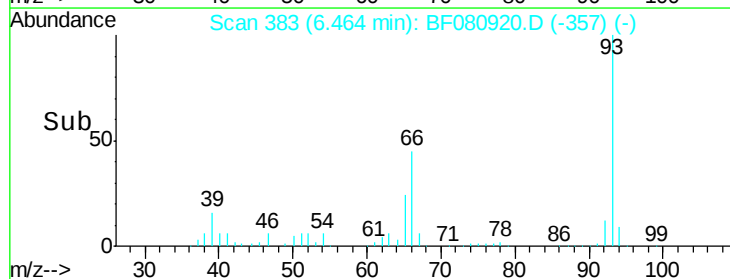
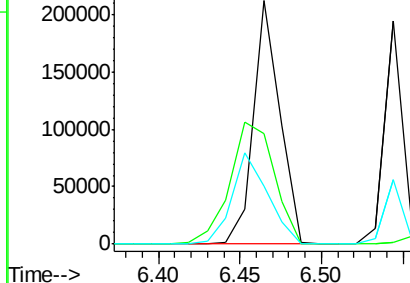
Tgt Ion:	93	Resp:	239579
Ion Ratio	Lower	Upper	
93	100		
66	45.3	36.2	54.4
65	23.7	19.0	28.4

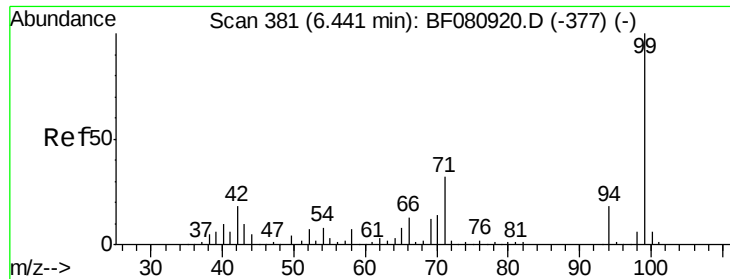


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 86.70 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA_F

ClientSampleId :

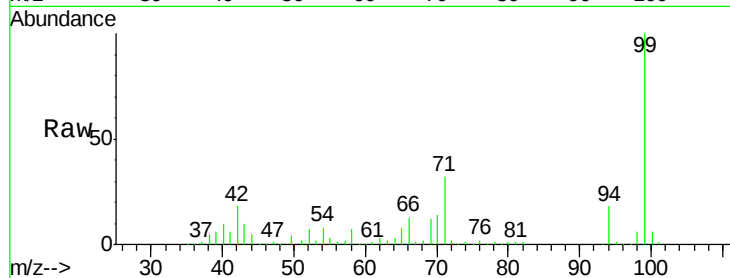
Tot Ion: 99 Resp: 359065

Ion Ratio Lower Upper

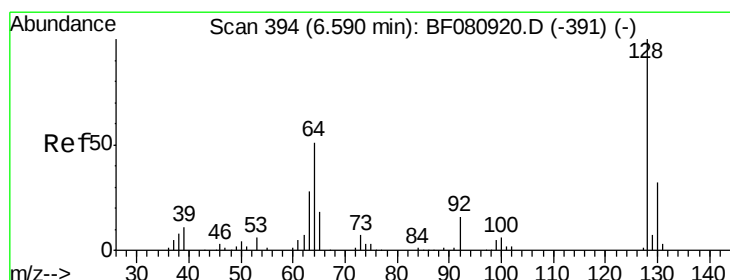
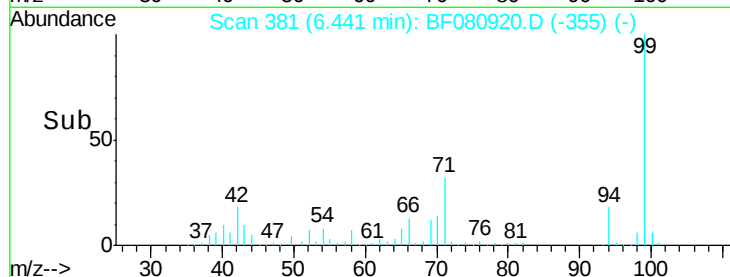
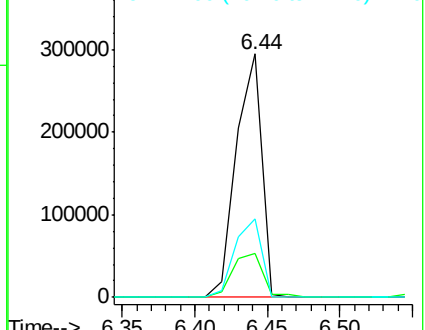
99 100

42 18.0 14.4 21.6

71 32.3 25.8 38.8



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: 43.16 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

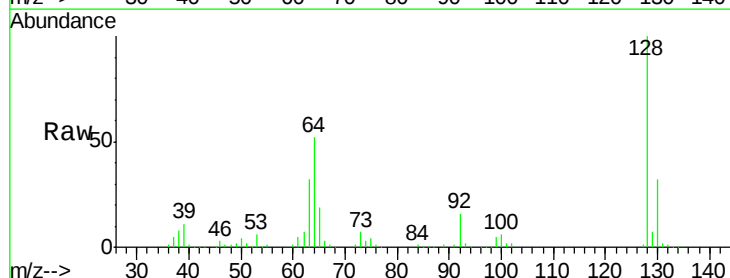
Tgt Ion: 128 Resp: 150947

Ion Ratio Lower Upper

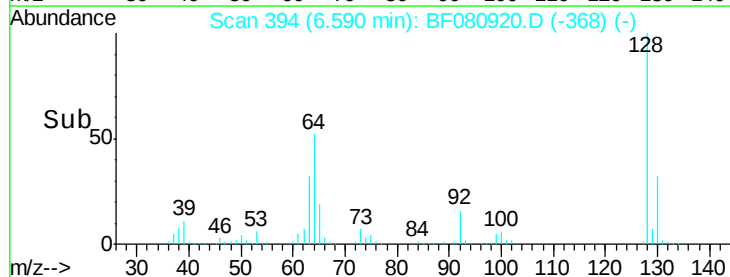
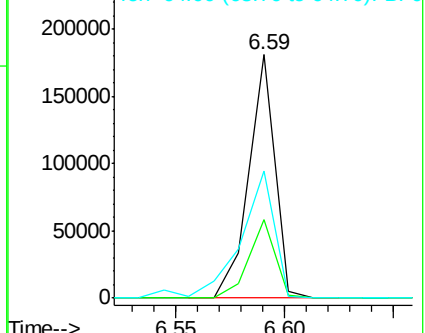
128 100

130 32.4 12.4 52.4

64 52.1 32.1 72.1



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: 41.87 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA_F

ClientSampleId :

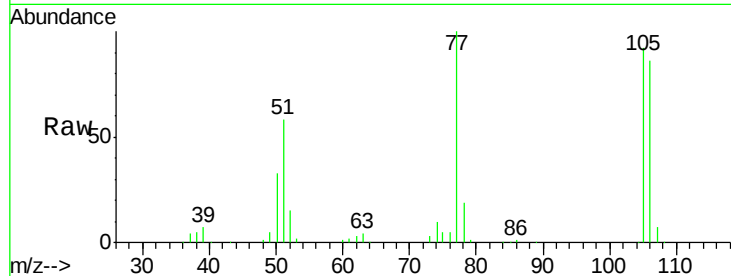
Tot Ion: 77 Resp: 117504

Ion Ratio Lower Upper

77 100

105 91.6 71.6 111.6

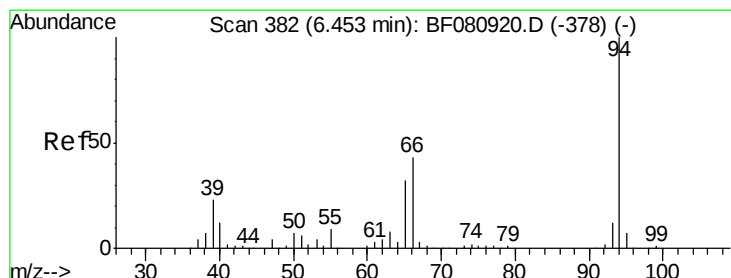
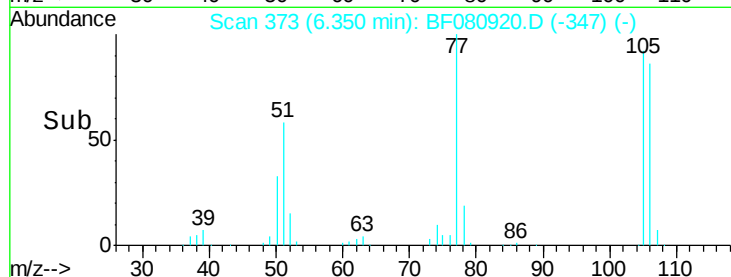
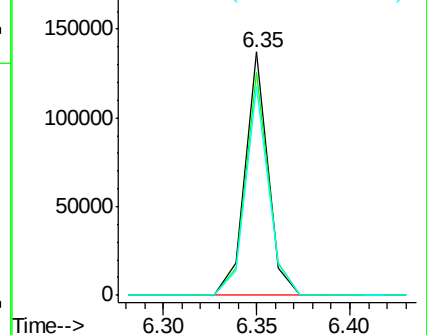
106 85.7 65.7 105.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.19 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

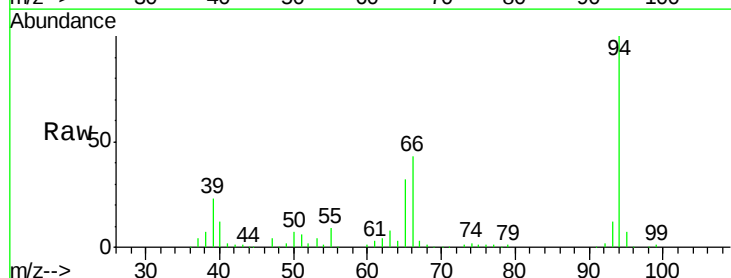
Tgt Ion: 94 Resp: 226951

Ion Ratio Lower Upper

94 100

65 31.8 11.8 51.8

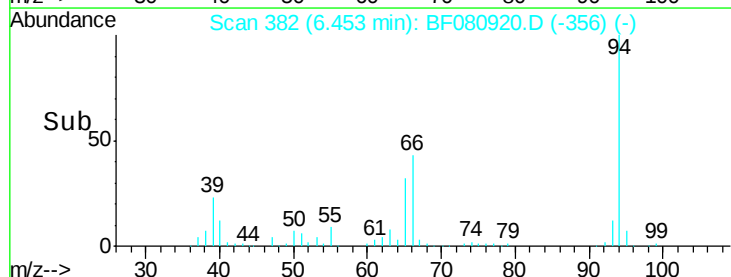
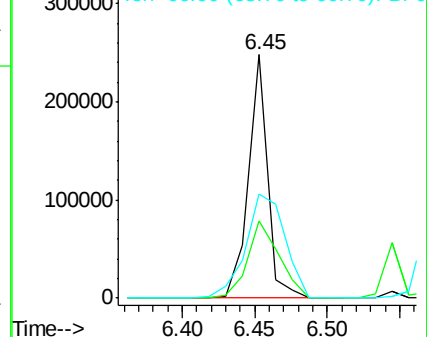
66 42.9 22.9 62.9

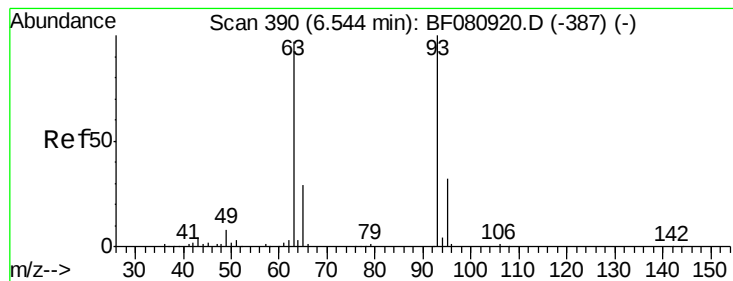


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

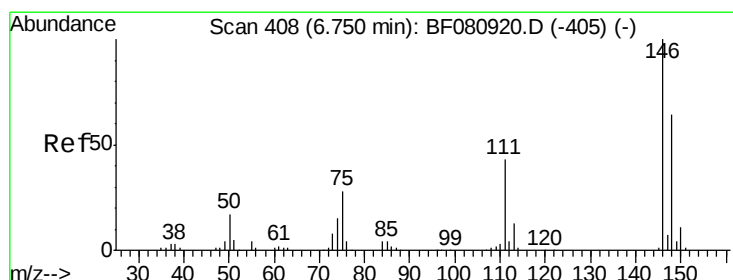
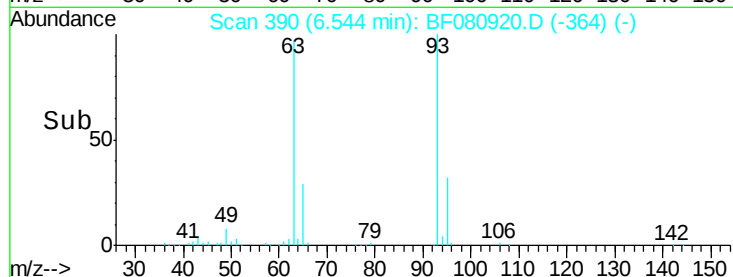
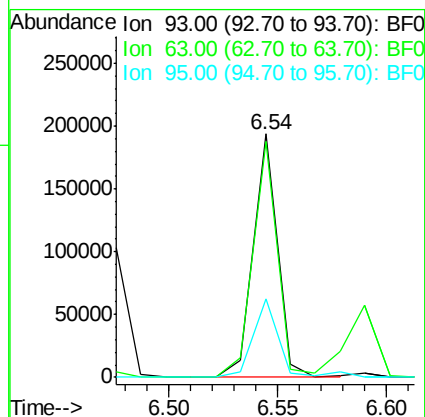
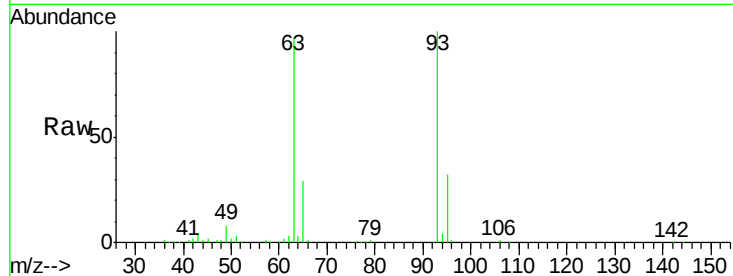




#11
 bis(2-Chloroethyl)ether
 Concen: 40.61 ng
 RT: 6.54 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

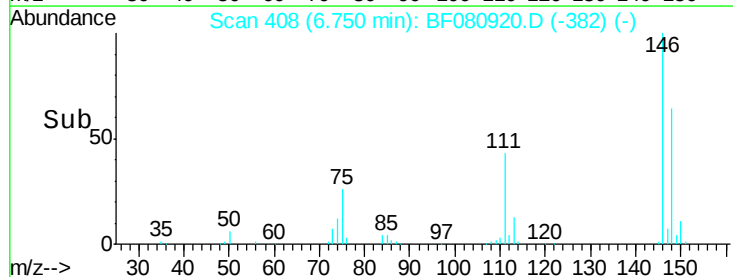
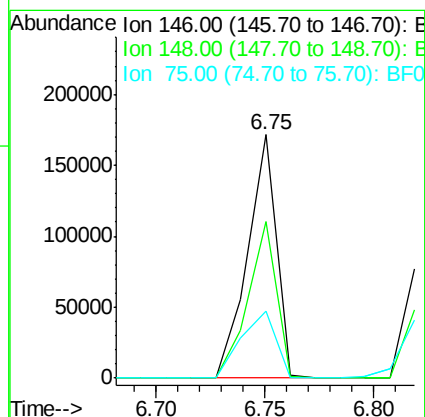
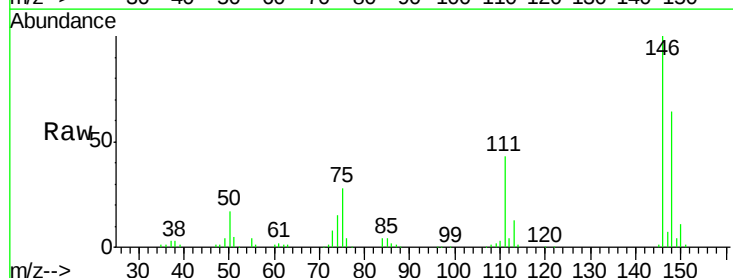
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 148975
 Ion Ratio Lower Upper
 93 100
 63 96.7 76.7 116.7
 95 32.3 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 42.36 ng
 RT: 6.75 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Tgt Ion: 146 Resp: 157193
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.4 77.0
 75 27.8 22.2 33.4

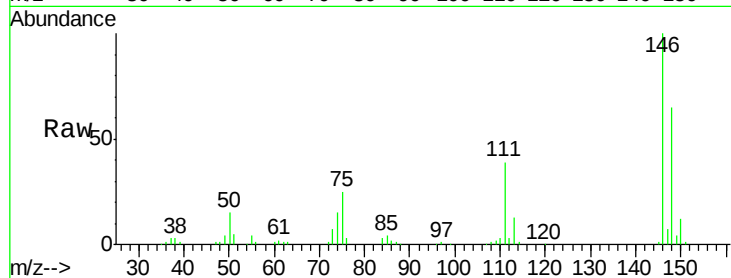




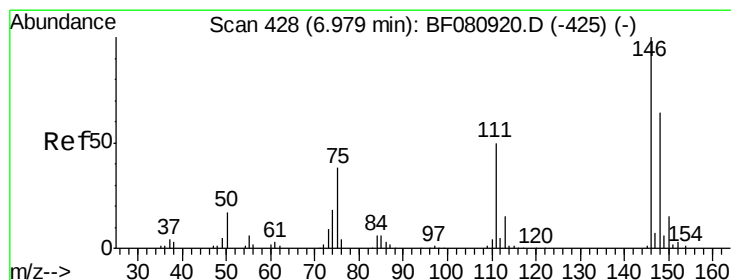
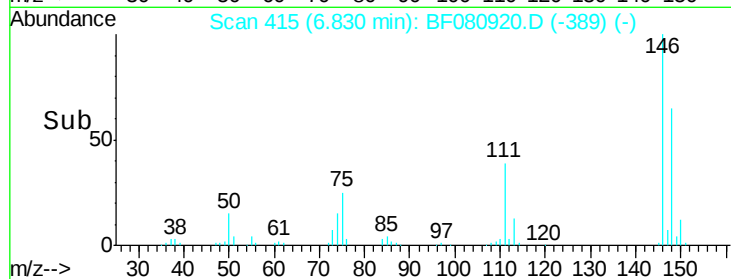
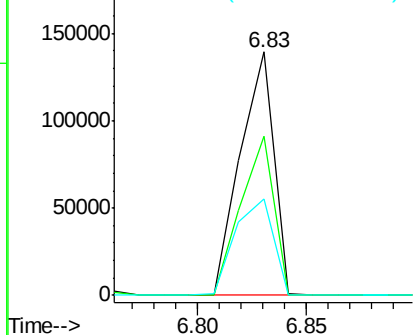
#13
 1,4-Dichlorobenzene
 Concen: 38.68 ng
 RT: 6.83 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 149181
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.2 78.4
 111 39.4 31.5 47.3

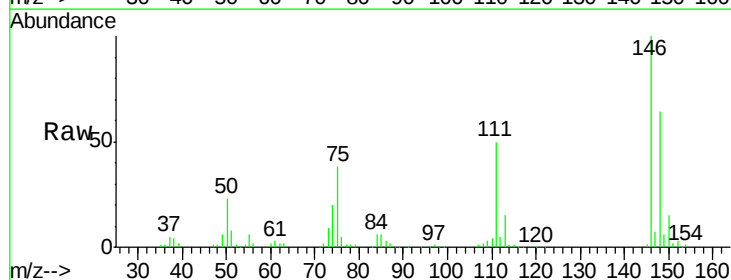


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

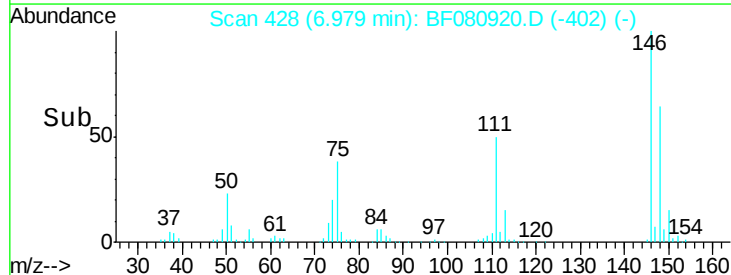
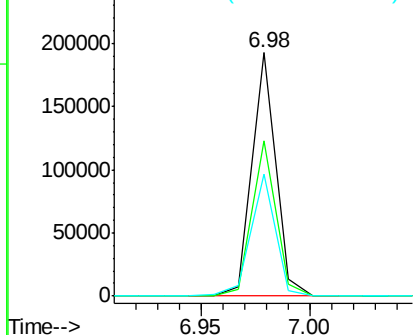


#14
 1,2-Dichlorobenzene
 Concen: 41.96 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Tgt Ion:146 Resp: 146294
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 50.0 40.0 60.0



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

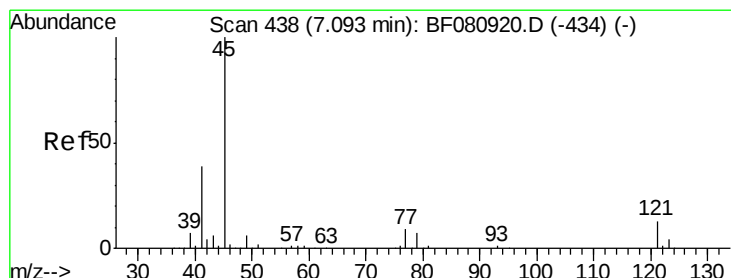
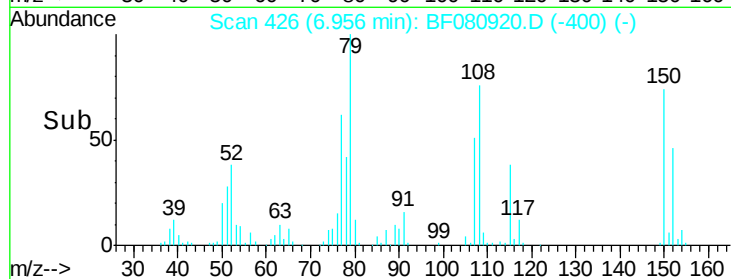
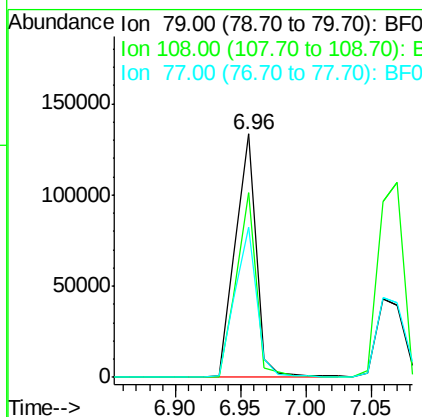
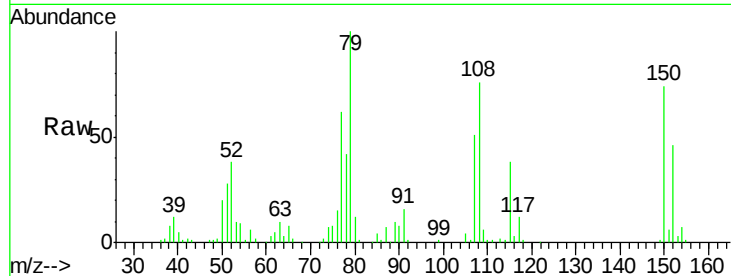




#15
Benzyl Alcohol
Concen: 43.65 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

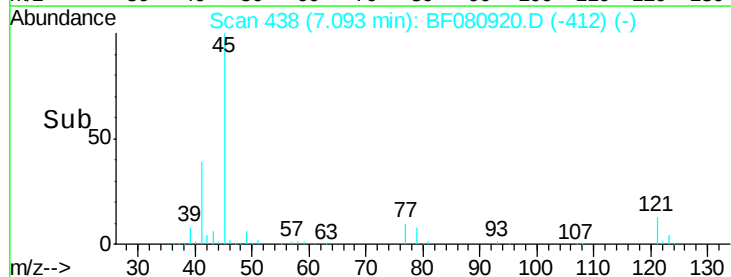
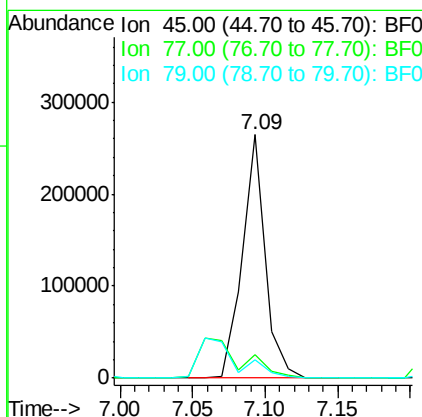
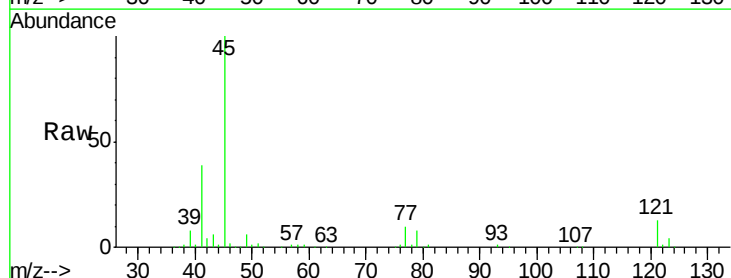
Instrument :
BNA_F
ClientSampleId :

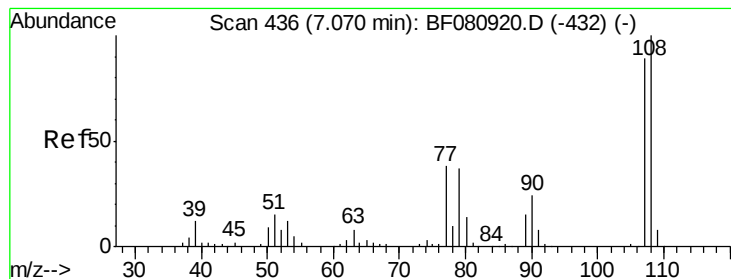
Tot Ion: 79 Resp: 147932
Ion Ratio Lower Upper
79 100
108 76.1 60.9 91.3
77 61.7 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.19 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Tgt Ion: 45 Resp: 289290
Ion Ratio Lower Upper
45 100
77 9.6 0.0 29.6
79 7.7 0.0 27.7

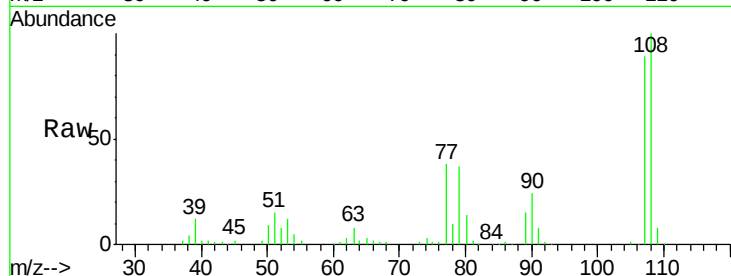




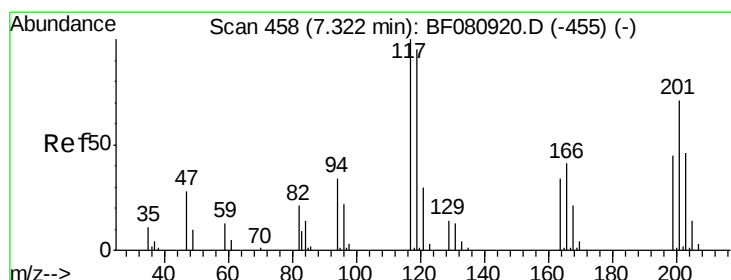
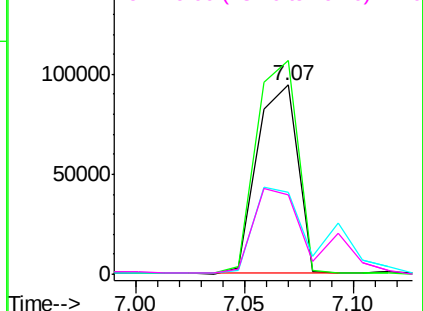
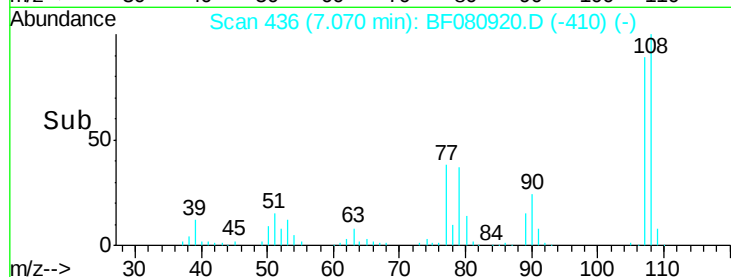
#17
2-Methylphenol
Concen: 41.39 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	123556
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.3	135.5
77	43.2	34.6	51.8
79	42.0	33.6	50.4

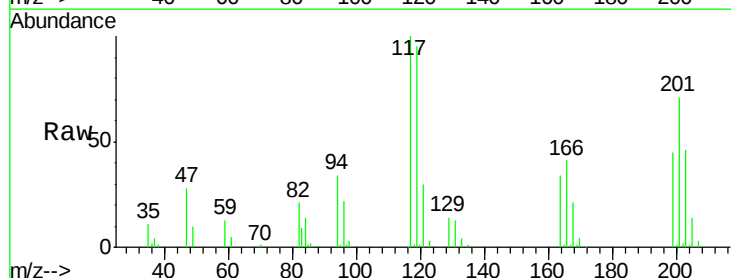


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

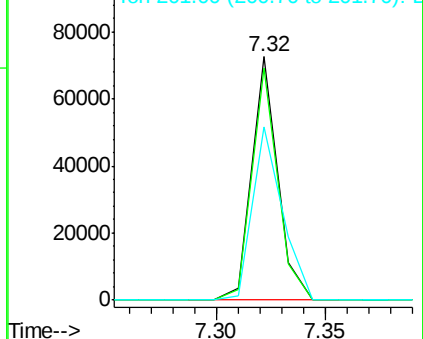
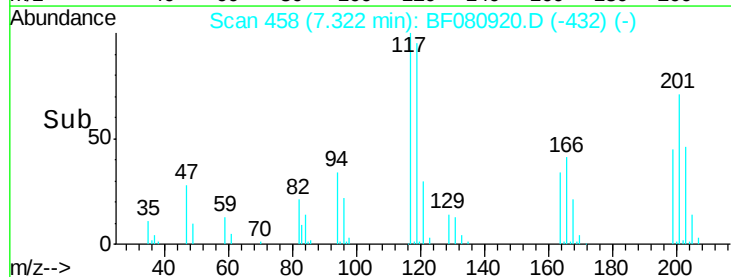


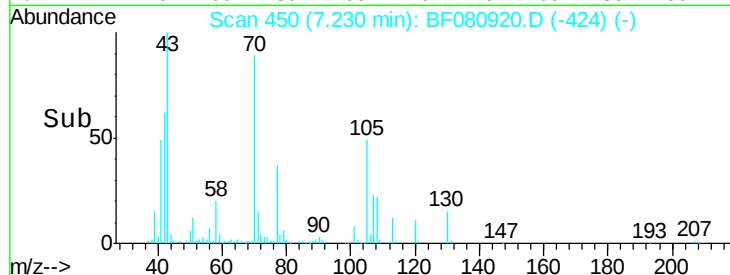
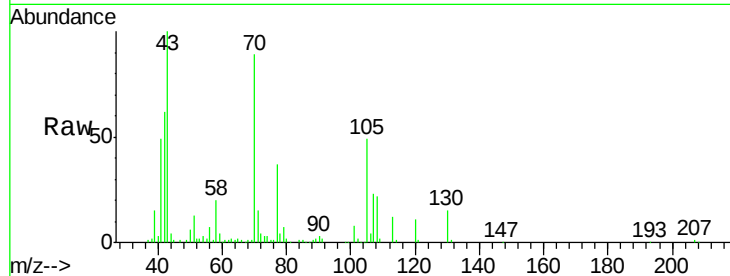
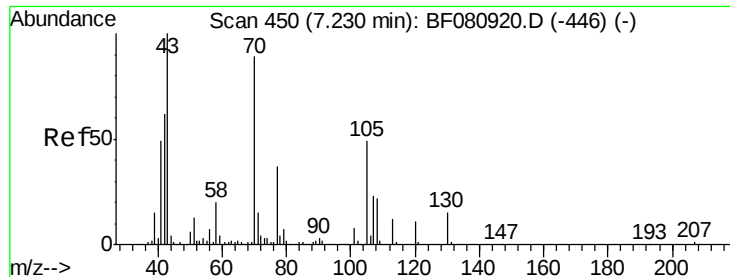
#18
Hexachloroethane
Concen: 40.46 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Tgt Ion:	117	Resp:	59779
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.3	114.5
201	71.3	57.0	85.6



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

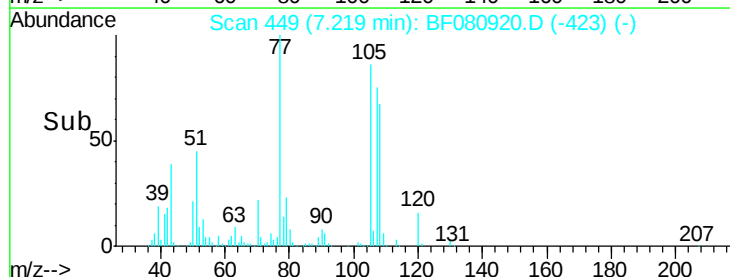
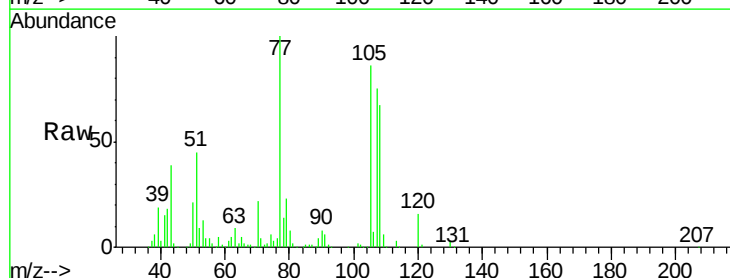
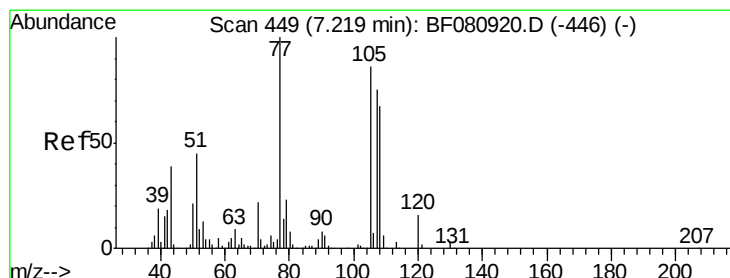
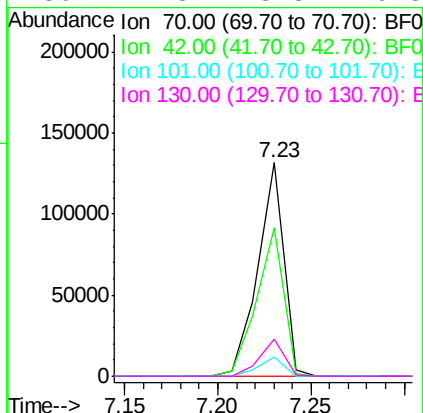




#19
n-Nitroso-di-n-propylamine
Concen: 41.80 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

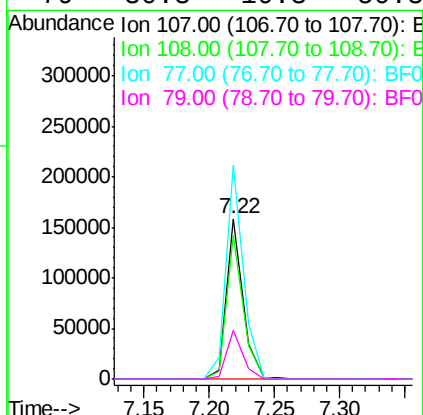
Instrument :
BNA_F
ClientSampleId :

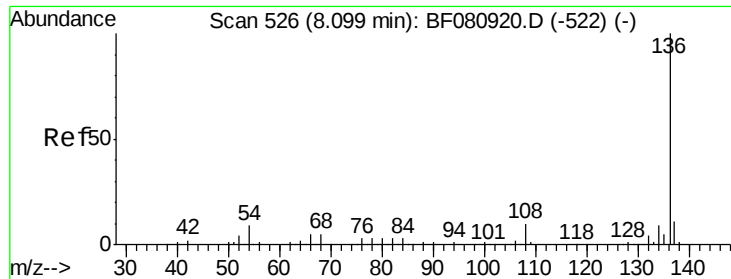
Tot Ion: 70 Resp: 126518
Ion Ratio Lower Upper
70 100
42 69.6 55.7 83.5
101 8.8 7.0 10.6
130 17.3 13.8 20.8



#20
3+4-Methylphenols
Concen: 37.51 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Tgt Ion:107 Resp: 140647
Ion Ratio Lower Upper
107 100
108 89.2 69.2 109.2
77 133.0 113.0 153.0
79 30.3 10.3 50.3

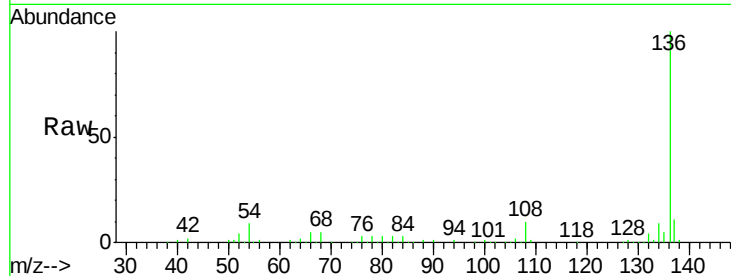




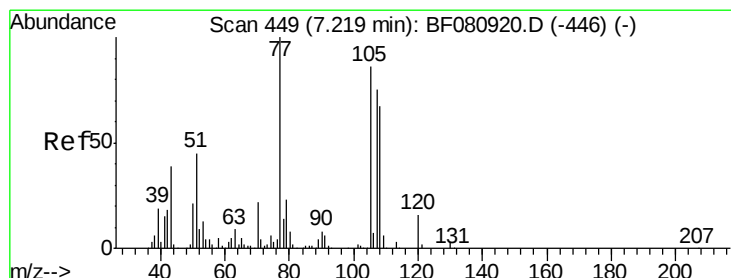
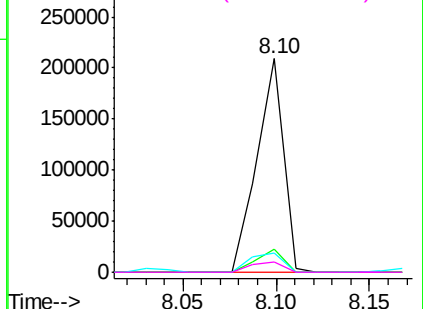
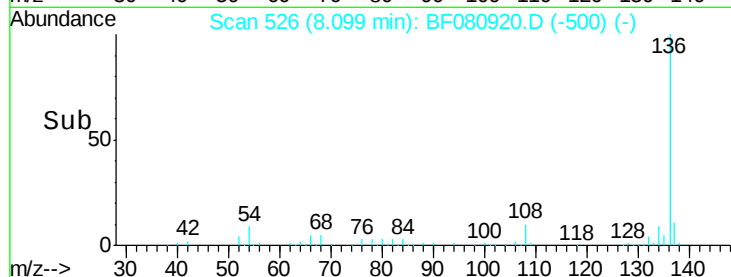
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	205739
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	8.9	7.1 10.7
68	4.8	3.8 5.8

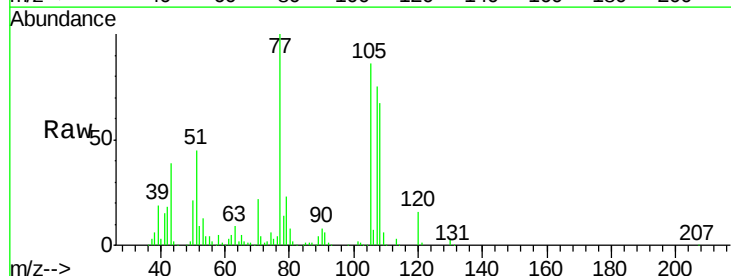


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

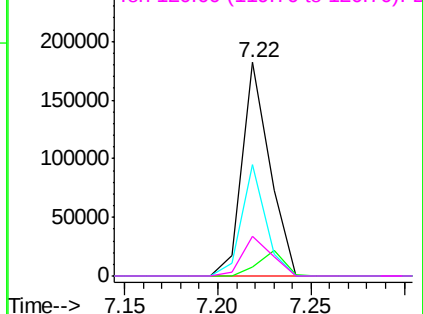
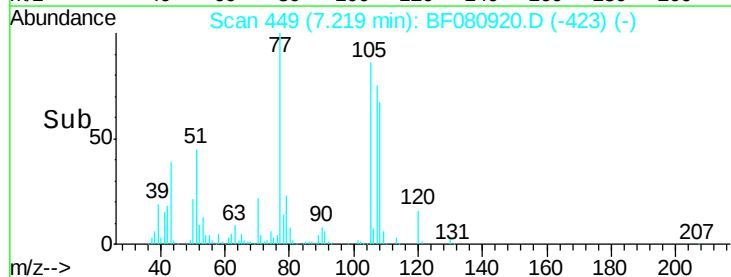


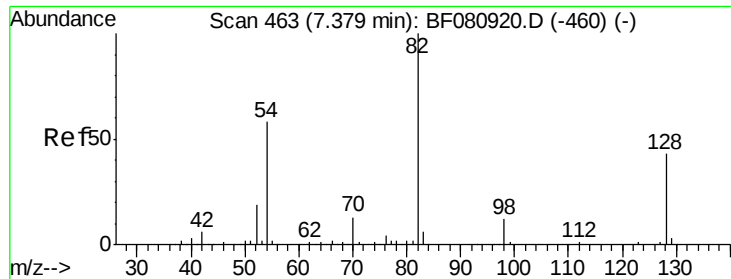
#22
Acetophenone
Concen: 37.13 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Tgt Ion:105	Resp:	187183
Ion Ratio	Lower	Upper
105	100	
71	4.1	3.3 4.9
51	52.2	41.8 62.6
120	18.9	15.1 22.7



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

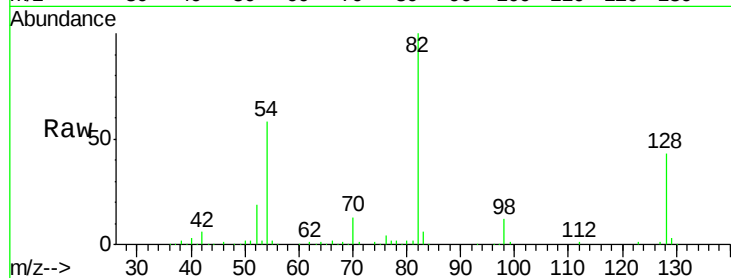




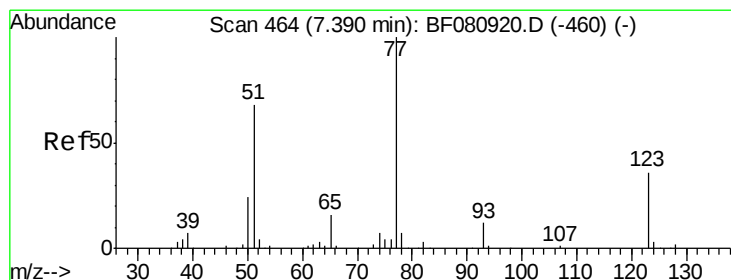
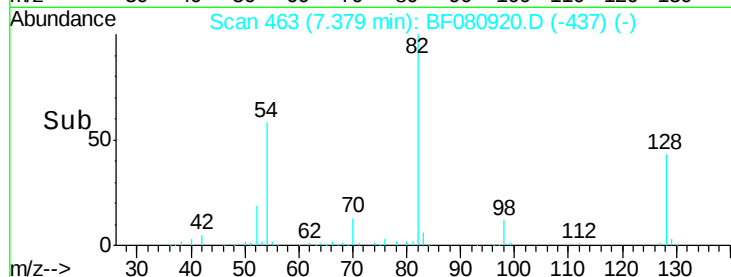
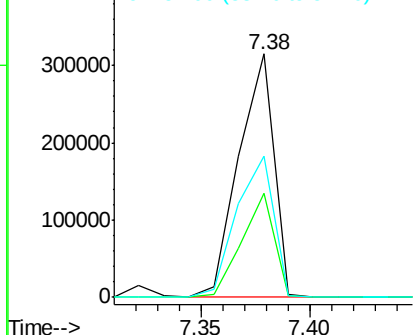
#23
 Nitrobenzene-d5
 Concen: 81.30 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	353635
Ion Ratio	100	Lower	Upper
128	42.6	34.1	51.1
54	58.1	46.5	69.7

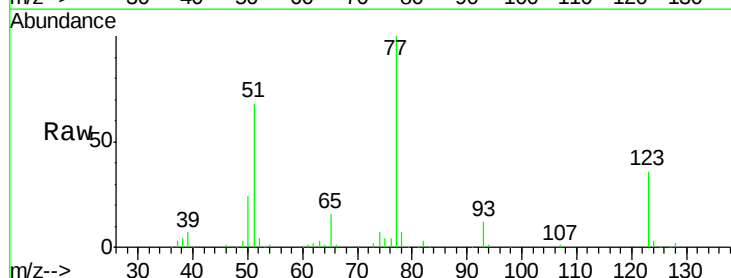


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

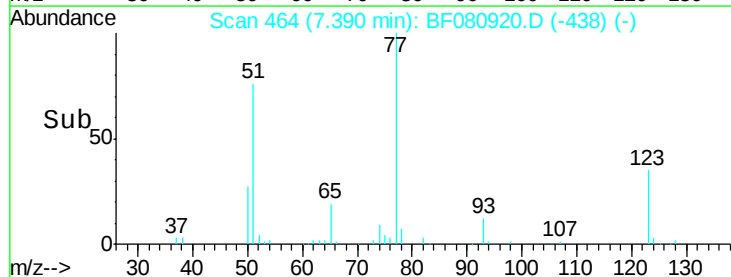
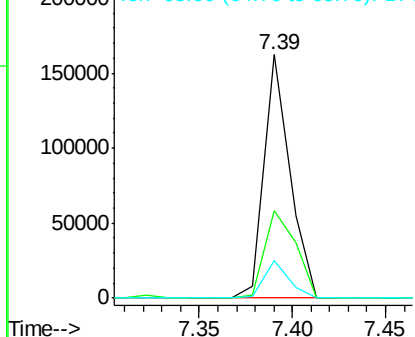


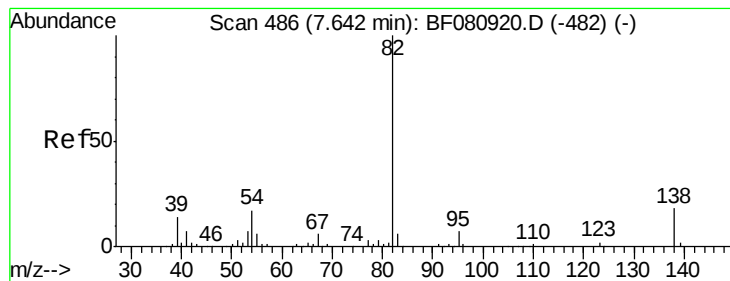
#24
 Nitrobenzene
 Concen: 34.62 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Tgt Ion	77	Resp	155028
Ion Ratio	100	Lower	Upper
123	35.9	28.7	43.1
65	15.6	12.5	18.7



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





#25

Isophorone

Concen: 39.16 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA_F

ClientSampleId :

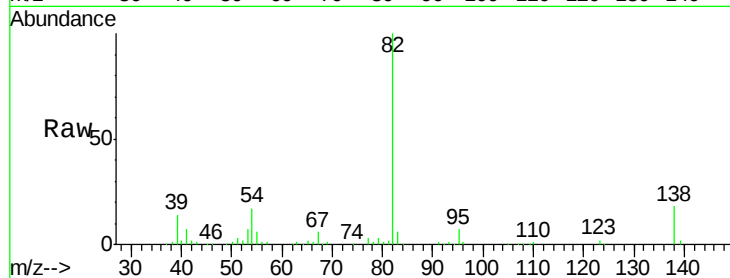
Tot Ion: 82 Resp: 327588

Ion Ratio Lower Upper

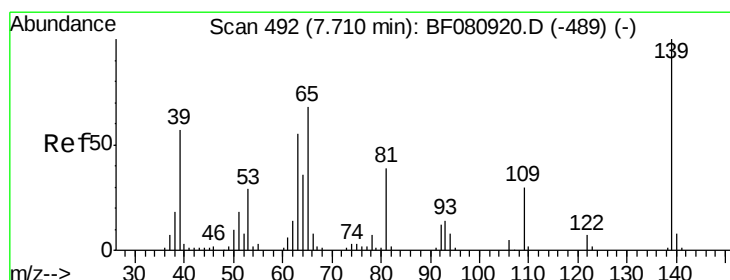
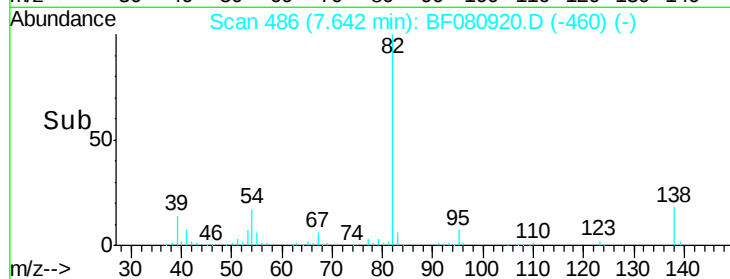
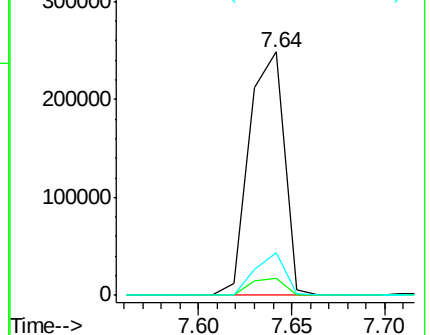
82 100

95 7.2 5.8 8.6

138 17.6 14.1 21.1



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



#26

2-Nitrophenol

Concen: 40.03 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

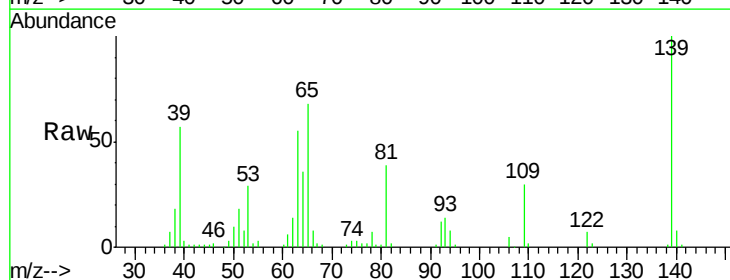
Tgt Ion: 139 Resp: 75429

Ion Ratio Lower Upper

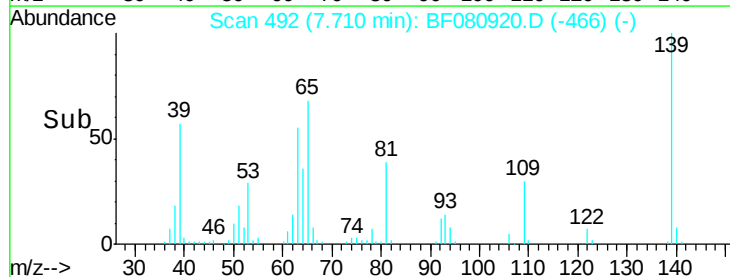
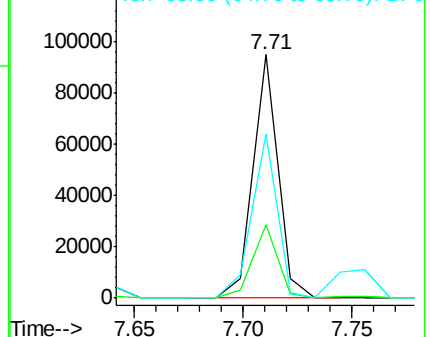
139 100

109 30.1 24.1 36.1

65 67.5 54.0 81.0



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

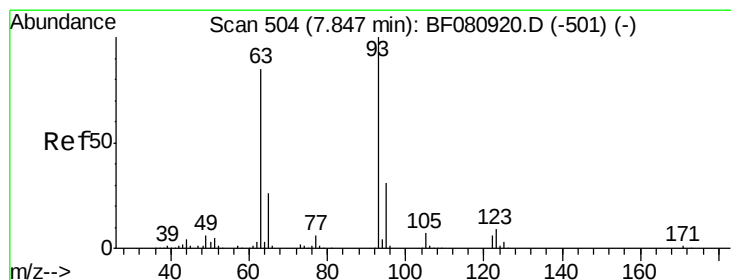
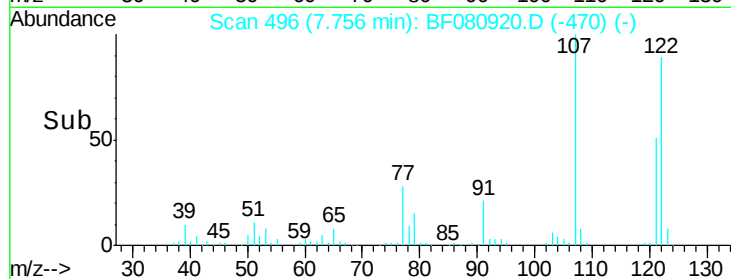
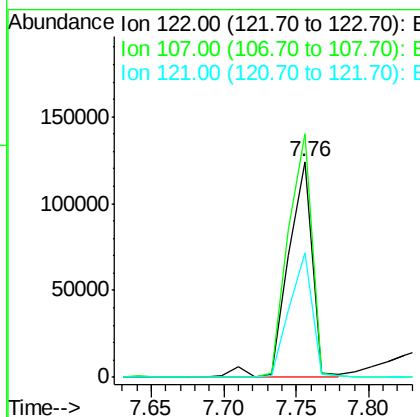
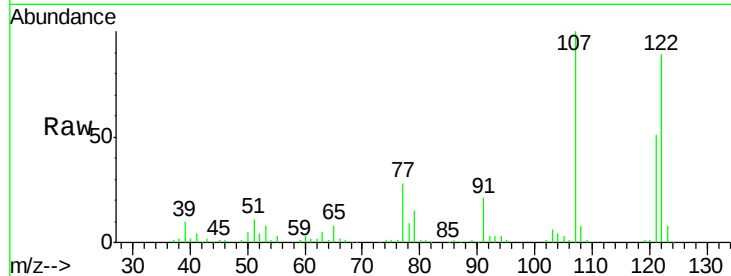




#27
 2,4-Dimethylphenol
 Concen: 40.36 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

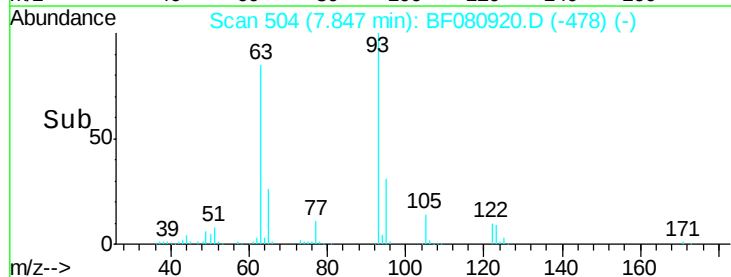
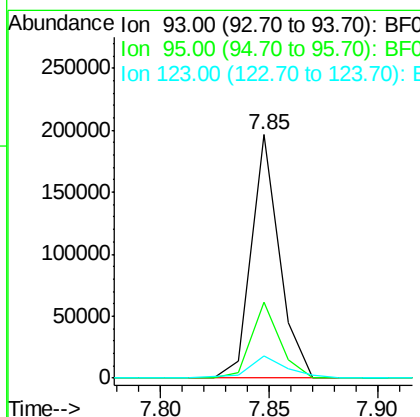
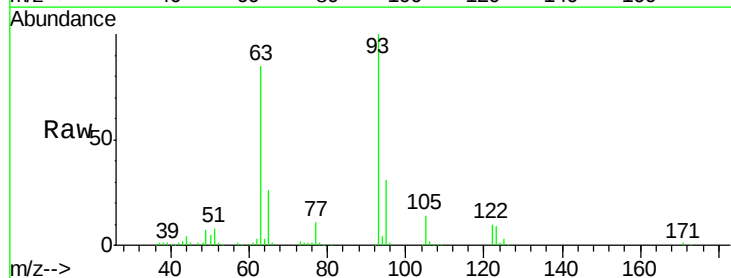
Instrument :
 BNA_F
 ClientSampleId :

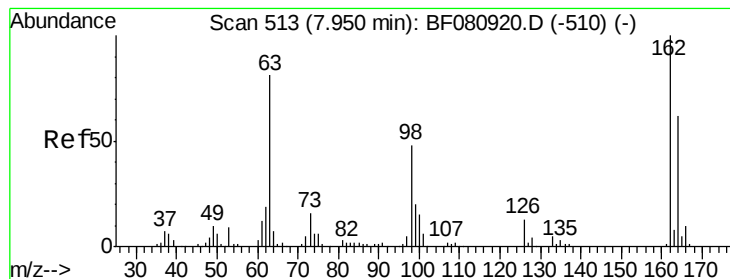
Tot Ion:122 Resp: 142376
 Ion Ratio Lower Upper
 122 100
 107 112.8 90.2 135.4
 121 57.5 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.81 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Tgt Ion: 93 Resp: 174796
 Ion Ratio Lower Upper
 93 100
 95 31.2 25.0 37.4
 123 9.2 7.4 11.0





#29

2,4-Dichlorophenol

Concen: 38.94 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA_F

ClientSampleId :

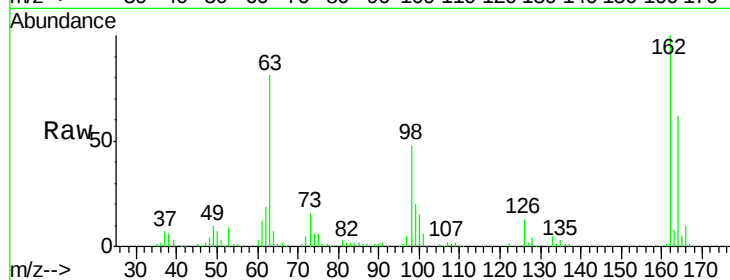
Tot Ion:162 Resp: 112898

Ion Ratio Lower Upper

162 100

164 62.3 42.3 82.3

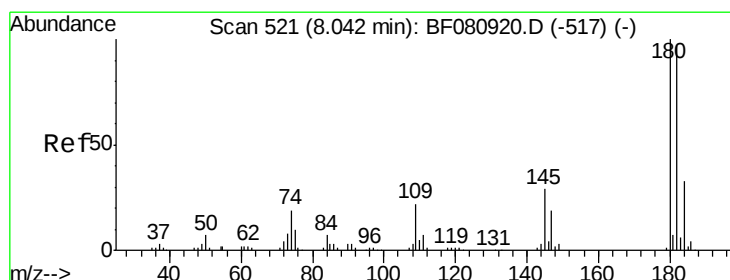
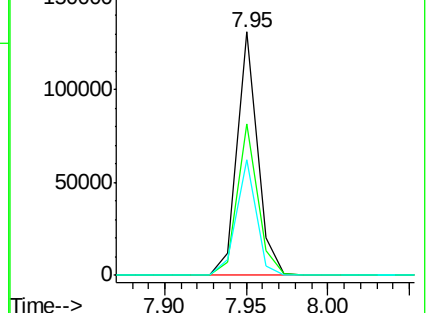
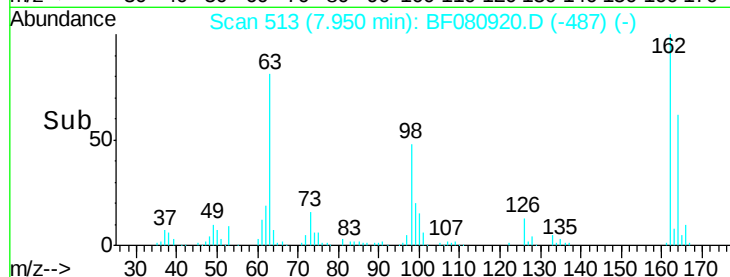
98 47.7 27.7 67.7



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: 41.16 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

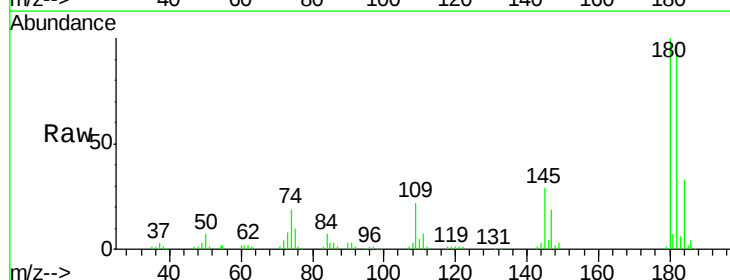
Tgt Ion:180 Resp: 130418

Ion Ratio Lower Upper

180 100

182 96.7 77.4 116.0

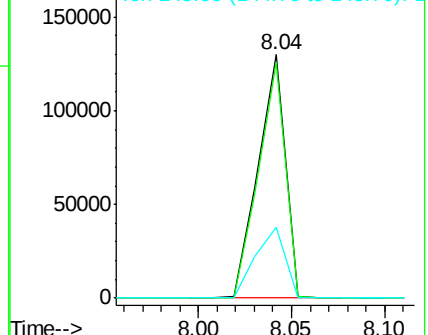
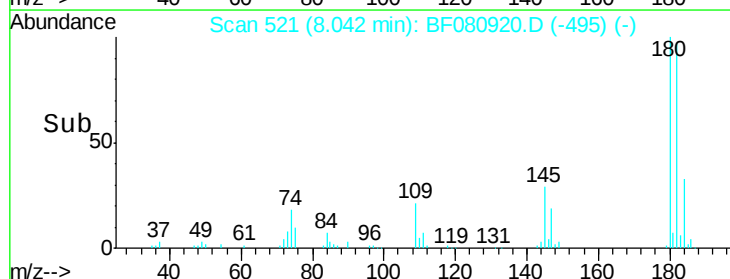
145 29.0 23.2 34.8

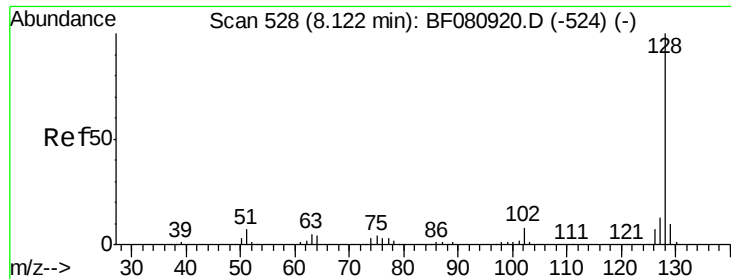


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

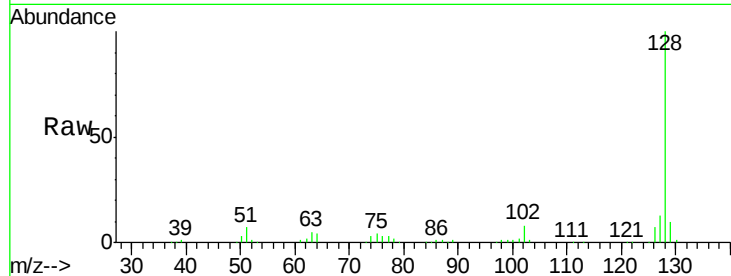




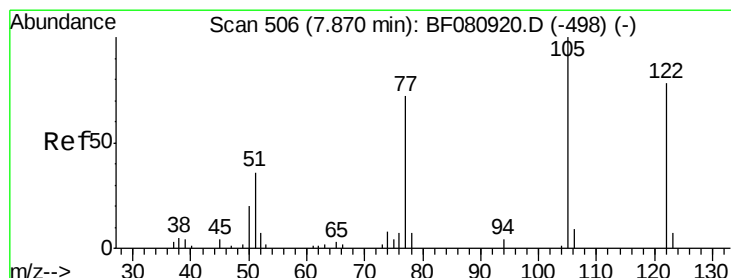
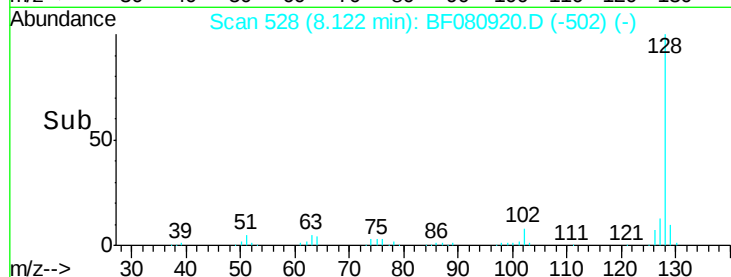
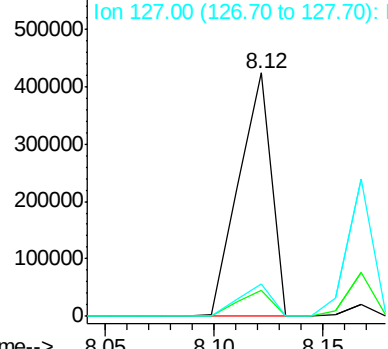
#31
Naphthalene
Concen: 39.41 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 446949
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 13.1 10.5 15.7

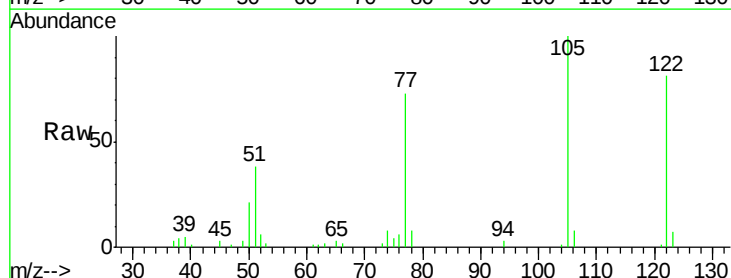


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

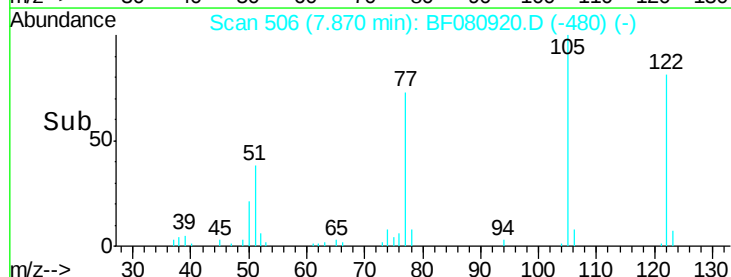
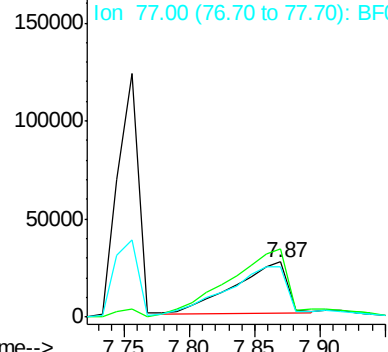


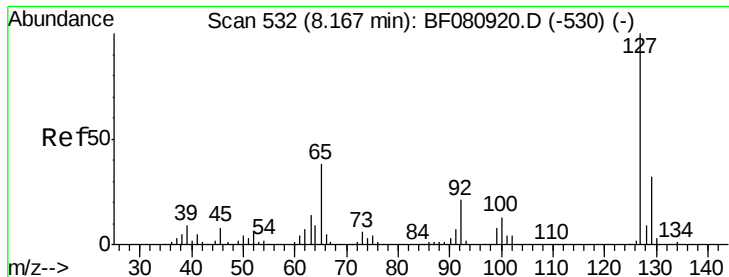
#32
Benzoic acid
Concen: 35.91 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Tgt Ion:122 Resp: 76184
Ion Ratio Lower Upper
122 100
105 123.6 103.6 143.6
77 90.4 70.4 110.4



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

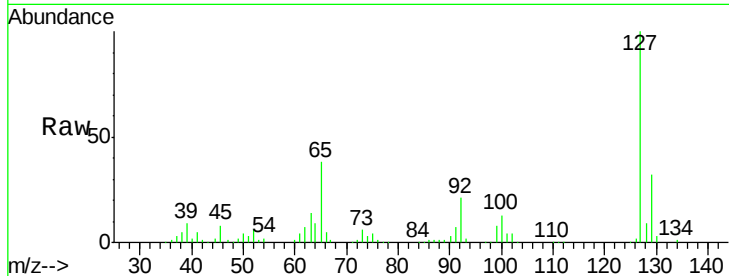




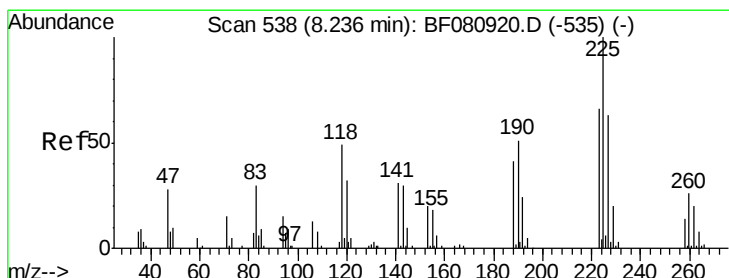
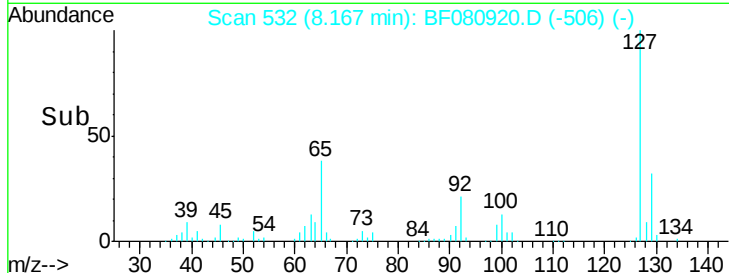
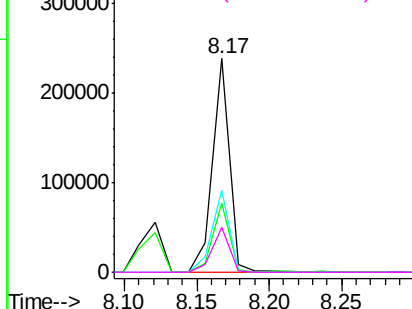
#33
4-Chloroaniline
Concen: 41.99 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	193538
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	38.2	30.6	45.8
92	21.1	16.9	25.3

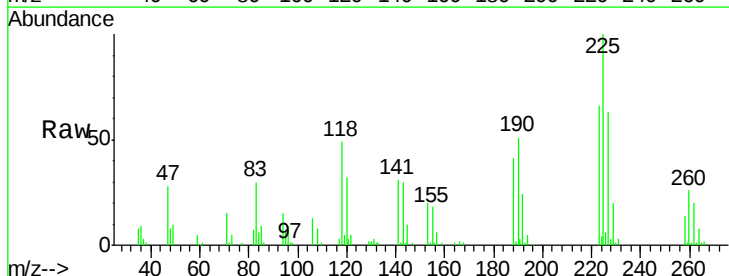


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

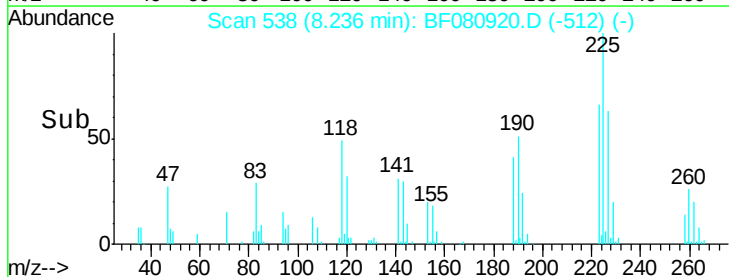
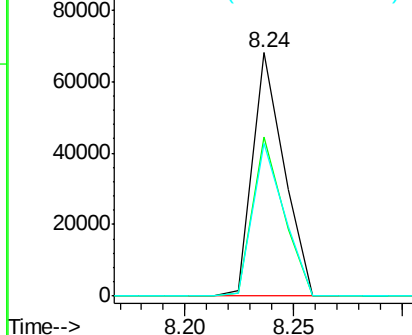


#34
Hexachlorobutadiene
Concen: 36.17 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Tgt Ion:	225	Resp:	68197
Ion	Ratio	Lower	Upper
225	100		
223	65.6	52.5	78.7
227	62.9	50.3	75.5



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

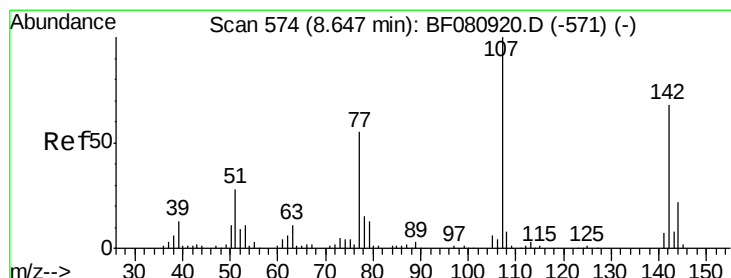
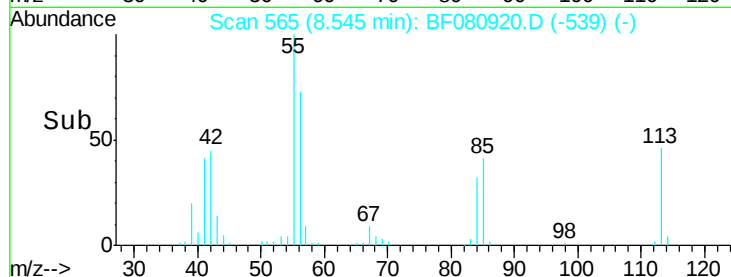
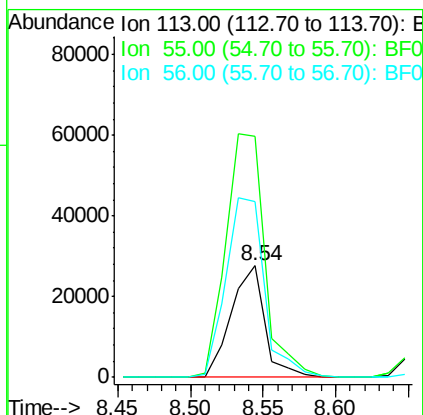
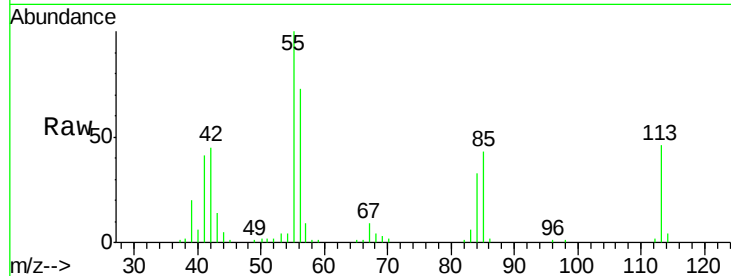




#35
 Caprolactam
 Concen: 44.05 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

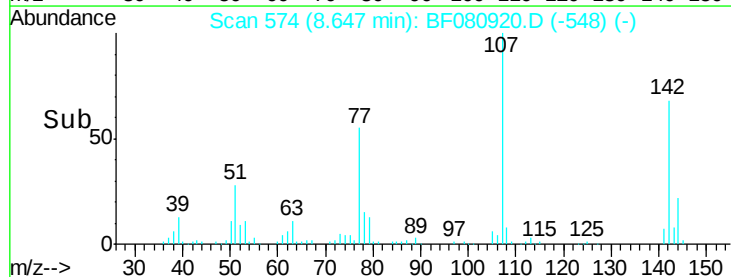
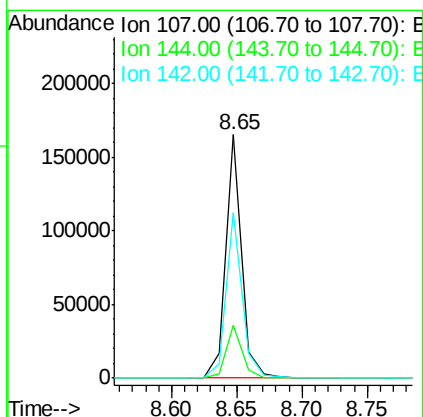
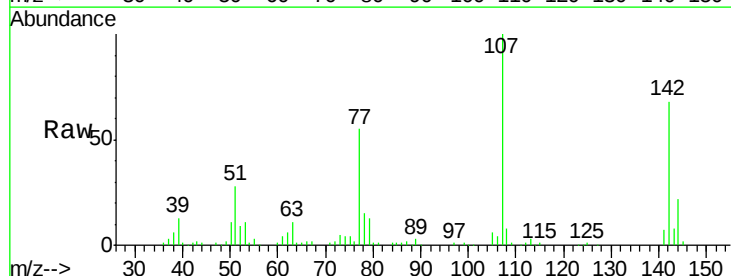
Instrument :
 BNA_F
 ClientSampleId :

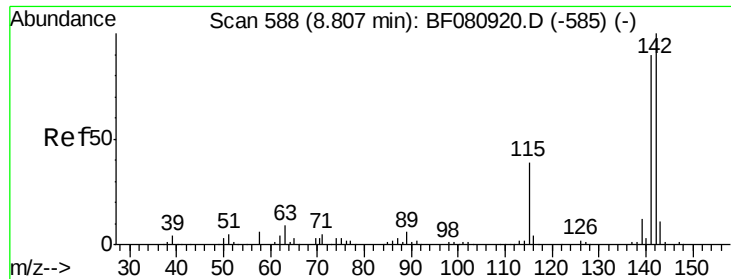
Tot Ion:113 Resp: 44611
 Ion Ratio Lower Upper
 113 100
 55 216.4 196.4 236.4
 56 157.9 137.9 177.9



#36
 4-Chloro-3-methylphenol
 Concen: 39.82 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Tgt Ion:107 Resp: 140858
 Ion Ratio Lower Upper
 107 100
 144 21.6 17.3 25.9
 142 68.0 54.4 81.6

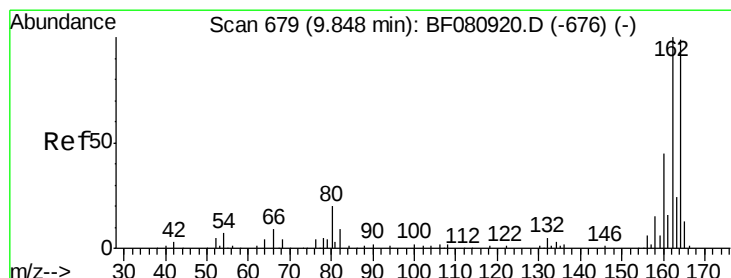
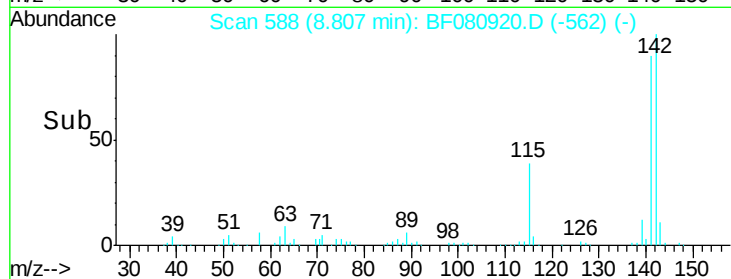
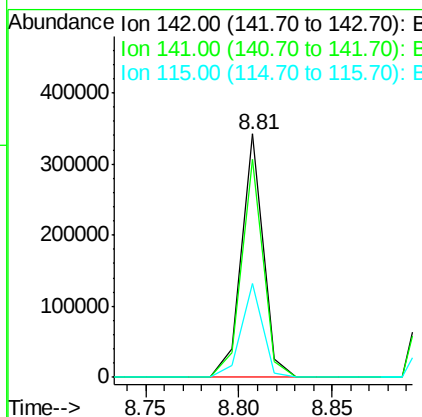
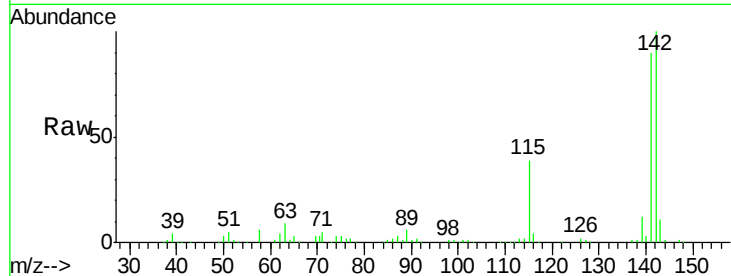




#37
 2-Methylnaphthalene
 Concen: 38.77 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

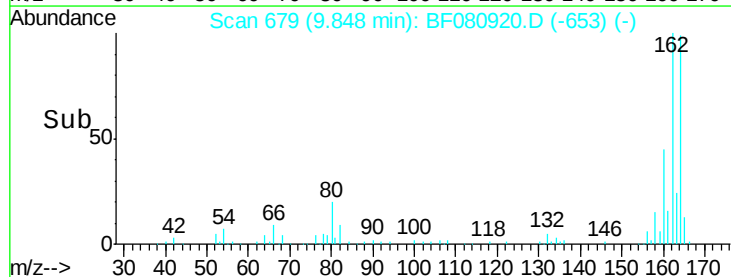
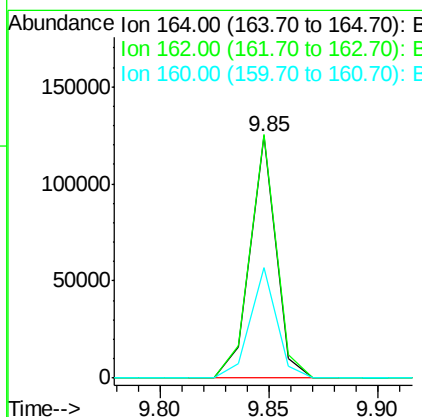
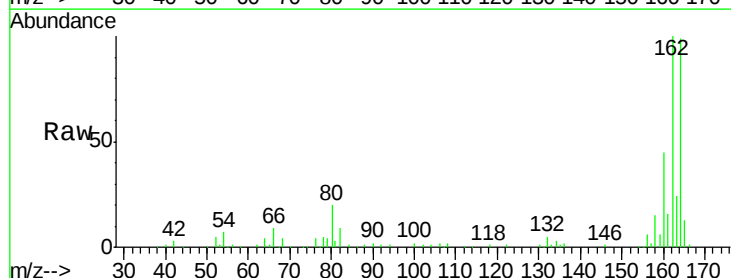
Instrument :
 BNA_F
 ClientSampleId :

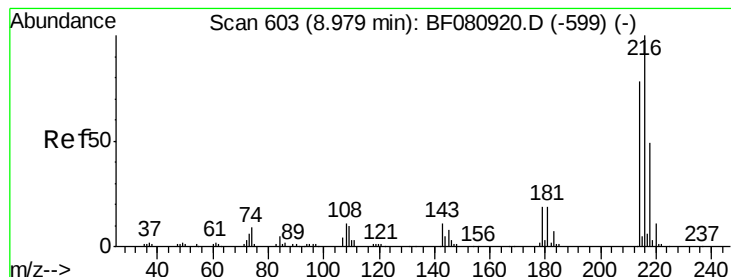
Tot Ion:142 Resp: 279842
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.7 107.5
 115 38.6 30.9 46.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Tgt Ion:164 Resp: 103440
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.5 120.7
 160 45.7 36.6 54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.15 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 121668

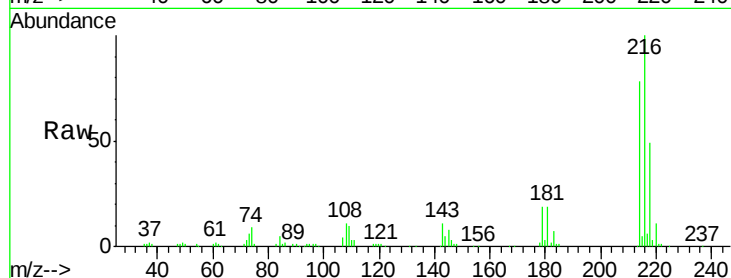
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 21.5 17.2 25.8

108 20.1 16.1 24.1

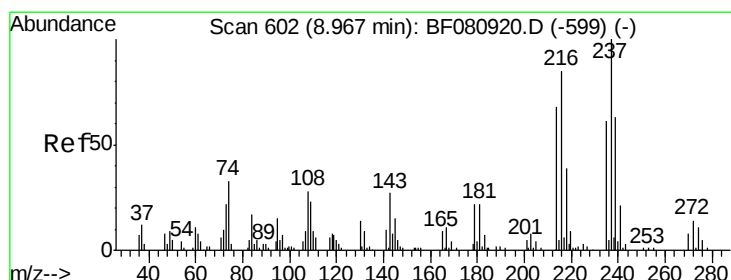
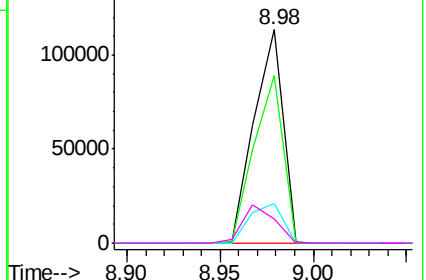
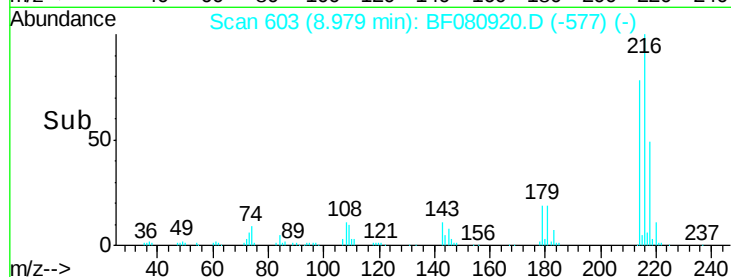


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.49 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

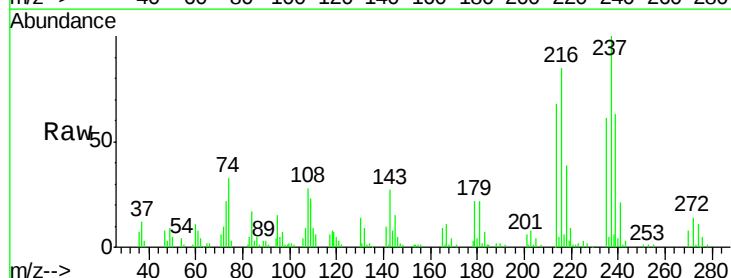
Tgt Ion:237 Resp: 70454

Ion Ratio Lower Upper

237 100

235 61.3 41.3 81.3

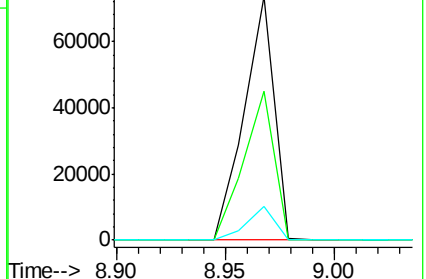
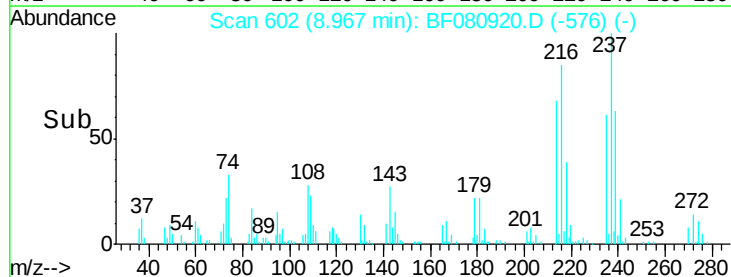
272 13.6 0.0 33.6

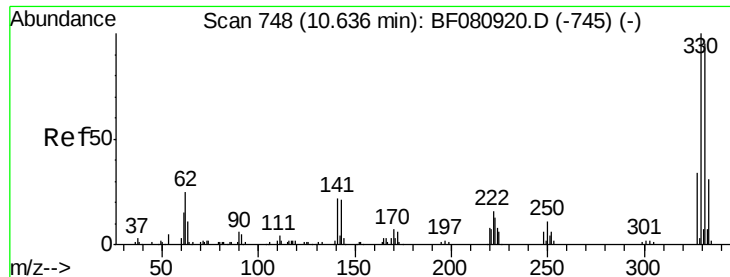


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

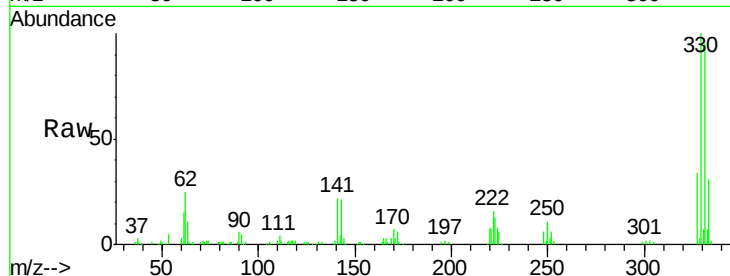




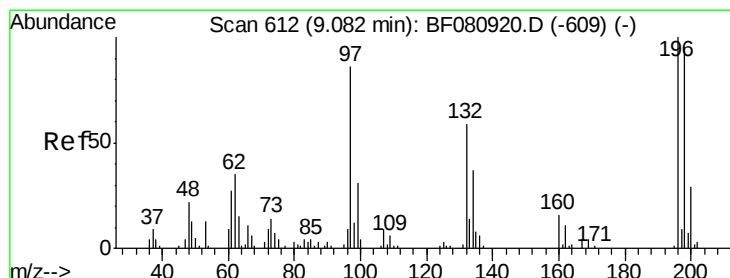
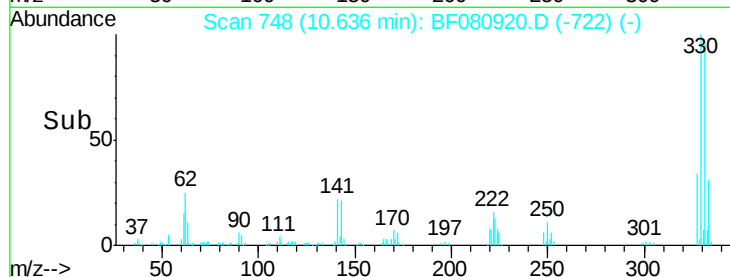
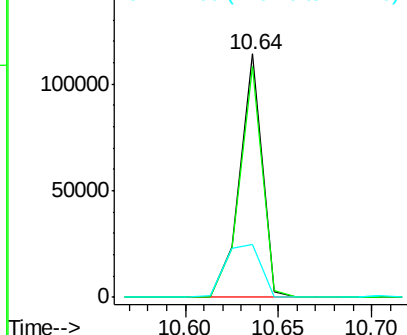
#41
 2,4,6-Tribromophenol
 Concen: 85.02 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 96611
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.4
 141 34.8 27.8 41.8

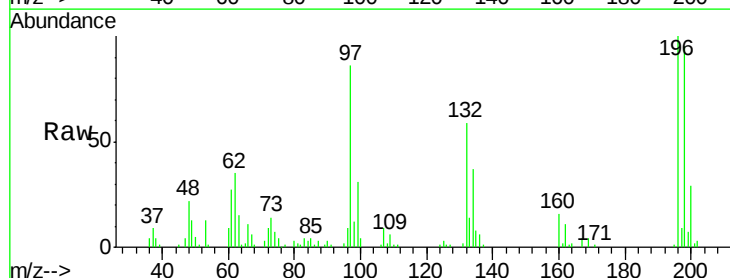


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

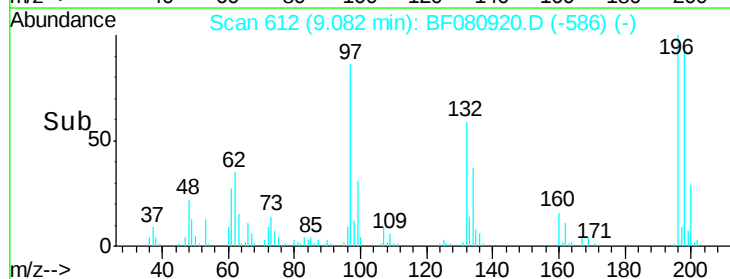
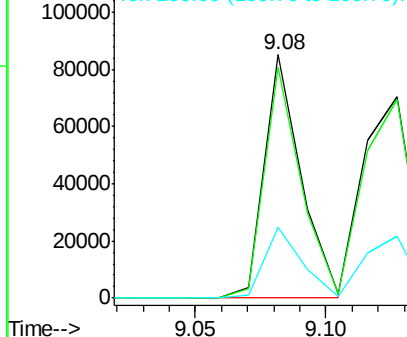


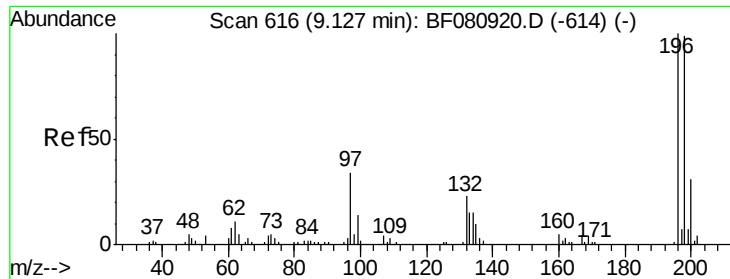
#42
 2,4,6-Trichlorophenol
 Concen: 35.10 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Tgt Ion:196 Resp: 83451
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.9 113.9
 200 28.9 23.1 34.7



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

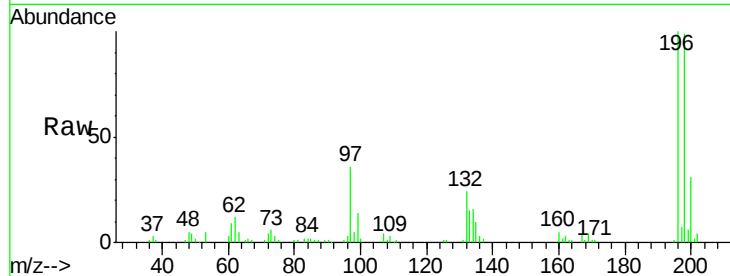




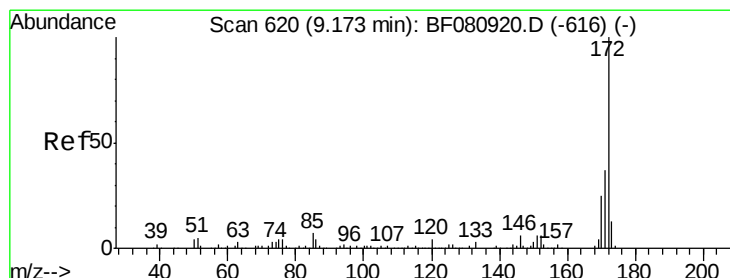
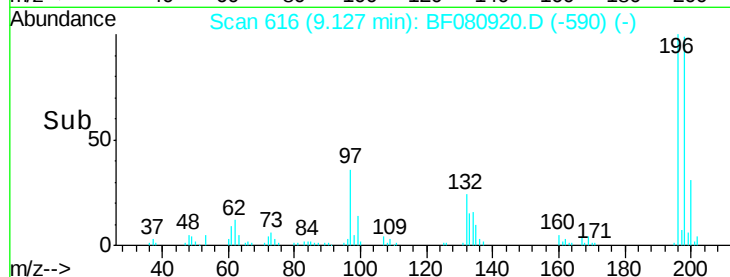
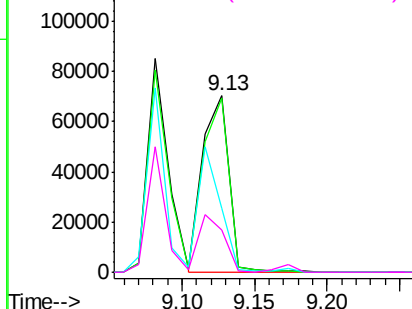
#43
 2,4,5-Trichlorophenol
 Concen: 38.99 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 88847
 Ion Ratio Lower Upper
 196 100
 198 98.6 78.9 118.3
 97 36.4 29.1 43.7
 132 23.9 19.1 28.7

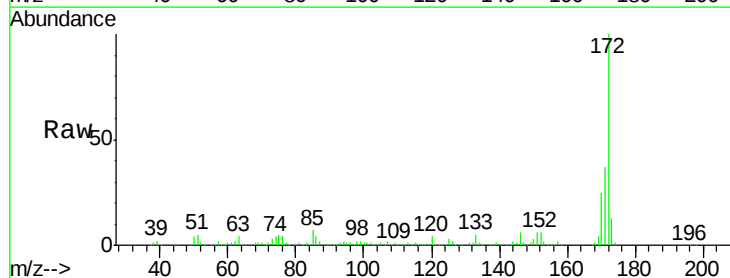


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

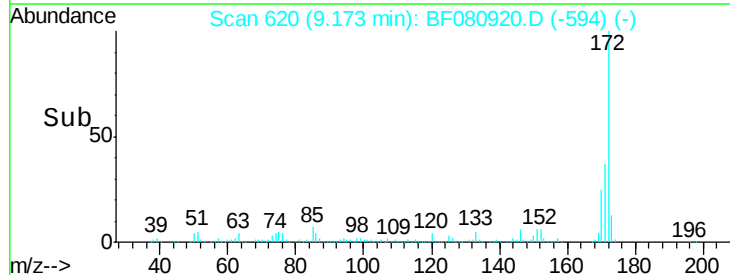
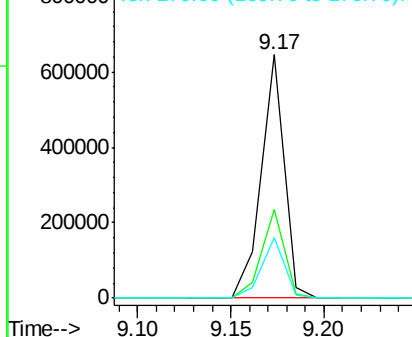


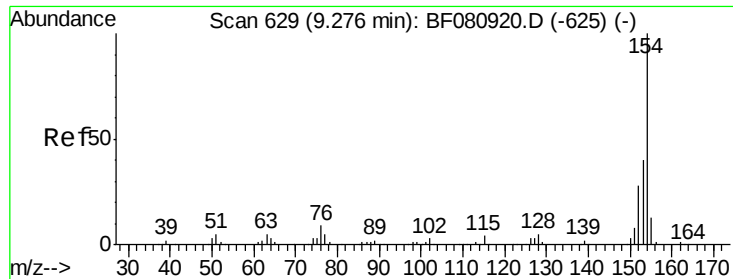
#44
 2-Fluorobiphenyl
 Concen: 74.55 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Tgt Ion:172 Resp: 547766
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.6 19.7 29.5



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: 39.89 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA_F

ClientSampleId :

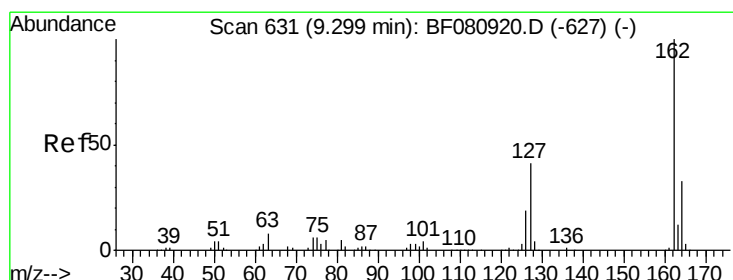
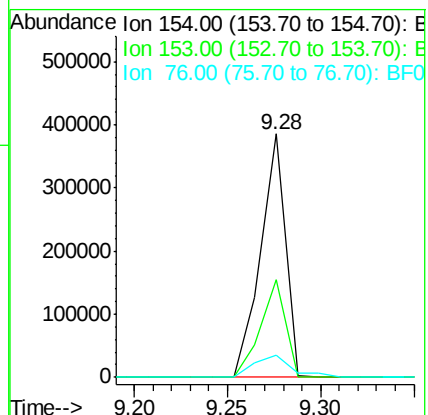
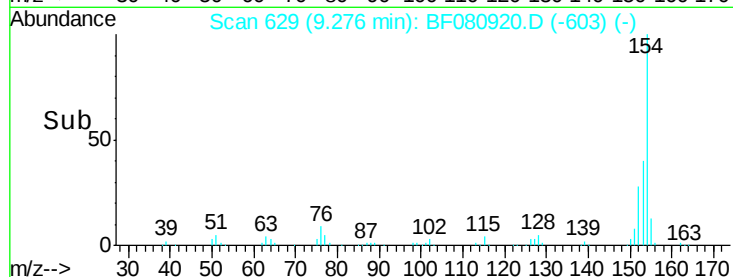
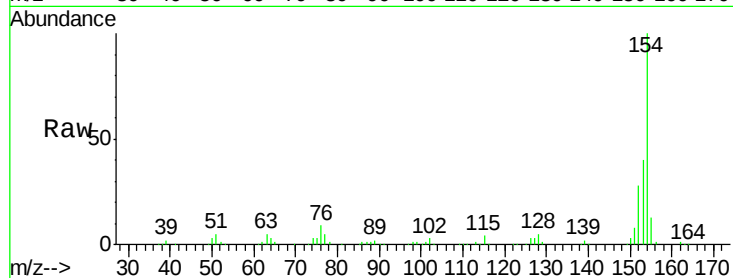
Tot Ion:154 Resp: 354085

Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 9.3 0.0 29.3



#46

2-Chloronaphthalene

Concen: 39.59 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

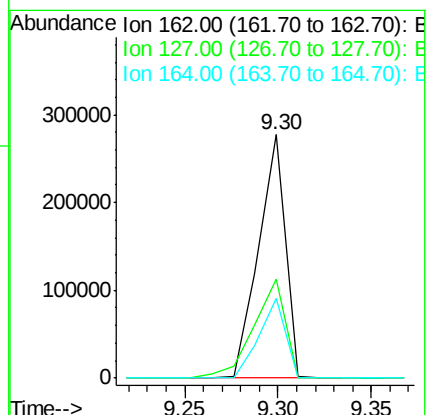
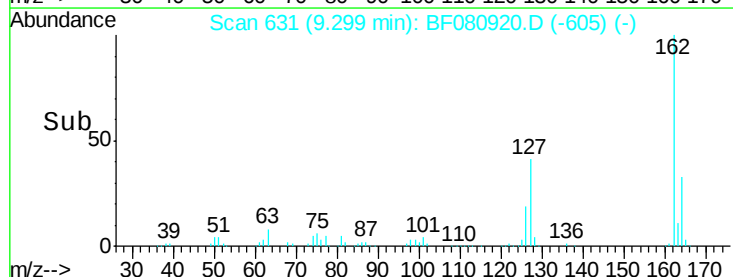
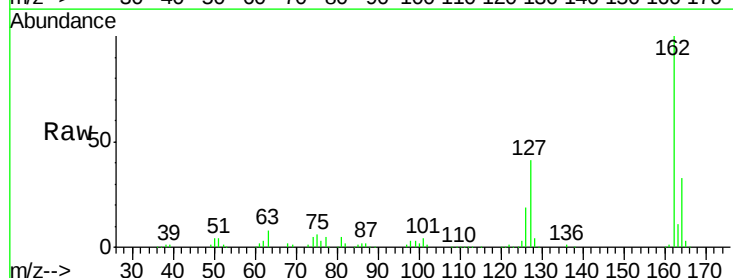
Tgt Ion:162 Resp: 274027

Ion Ratio Lower Upper

162 100

127 40.6 32.5 48.7

164 32.8 26.2 39.4

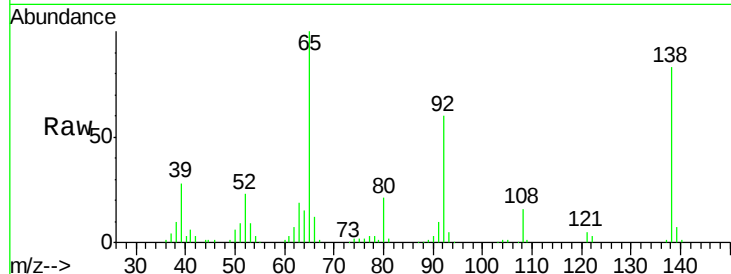




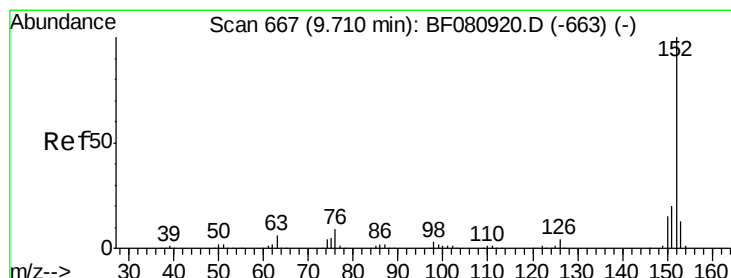
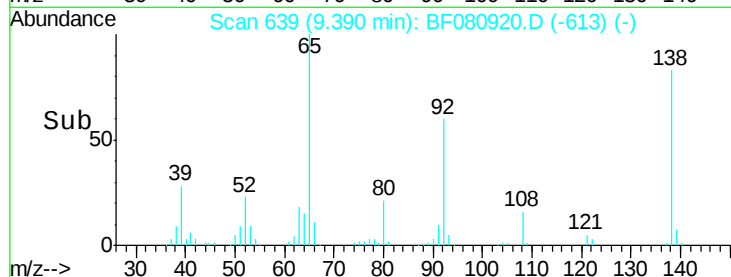
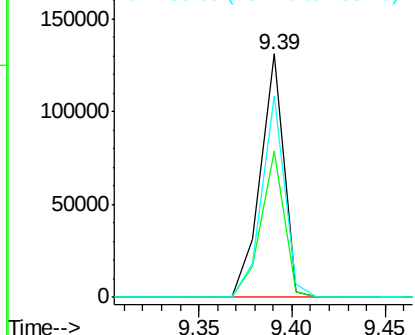
#47
2-Nitroaniline
Concen: 41.09 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 114024
Ion Ratio Lower Upper
65 100
92 60.0 48.0 72.0
138 82.6 66.1 99.1

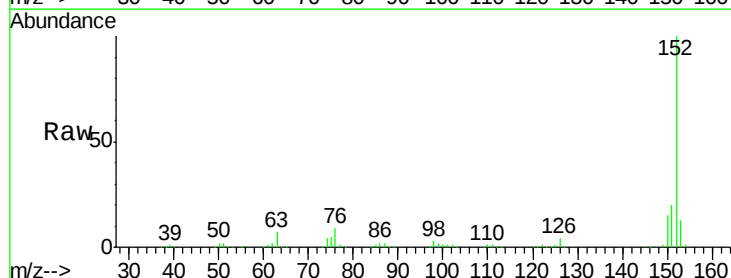


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

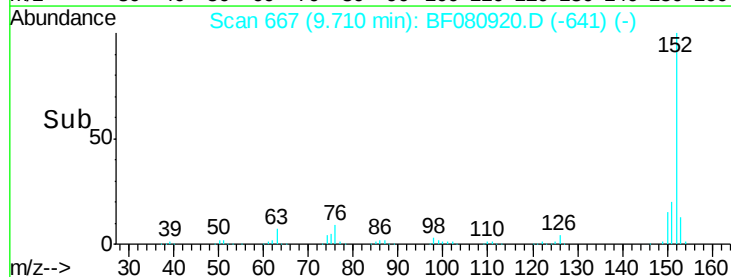
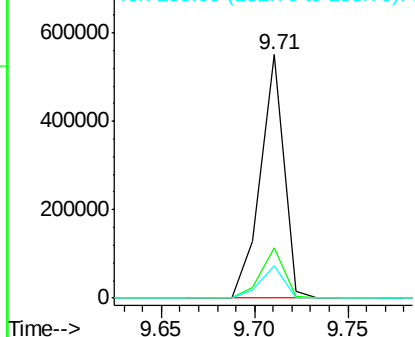


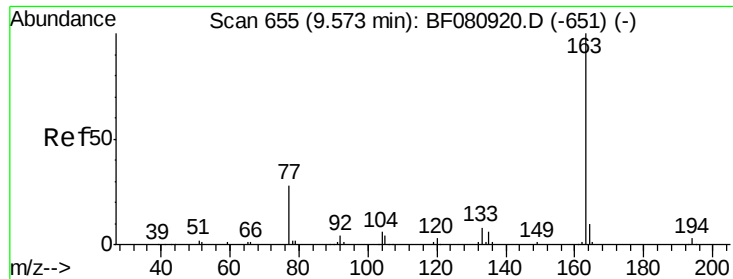
#48
Acenaphthylene
Concen: 39.79 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Tgt Ion: 152 Resp: 478739
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

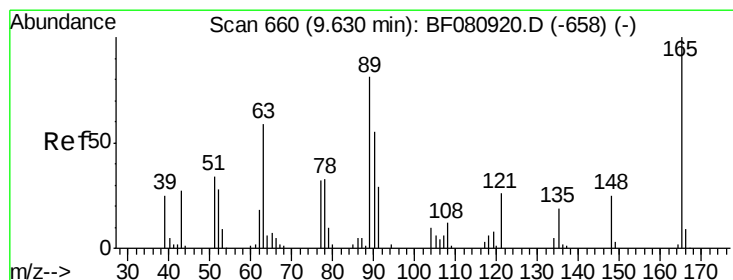
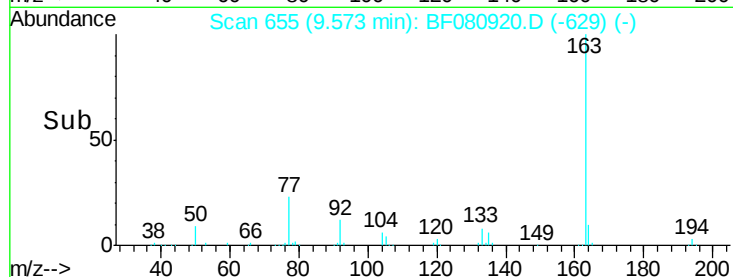
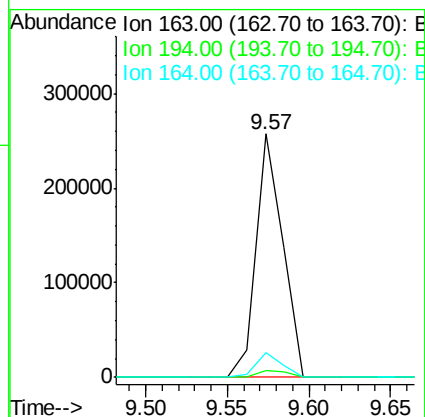
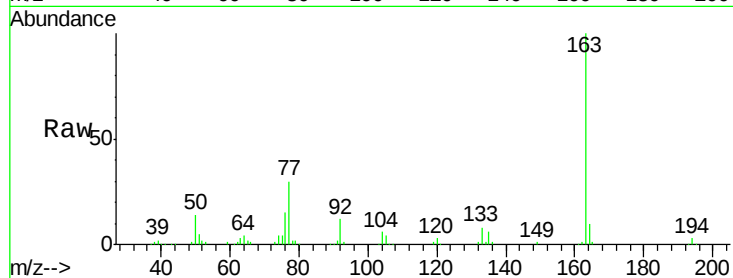




#49
Dimethylphthalate
Concen: 33.87 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

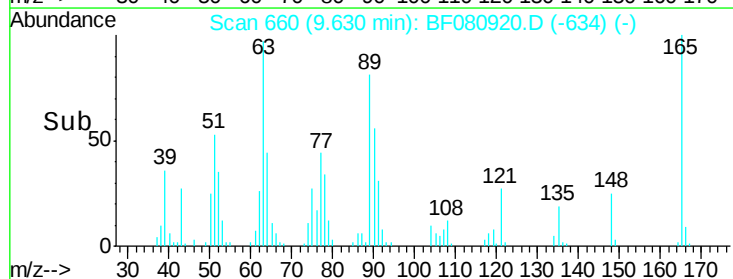
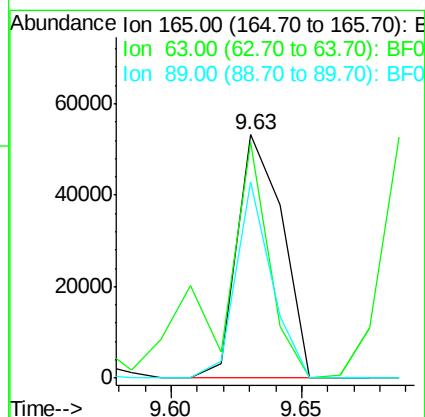
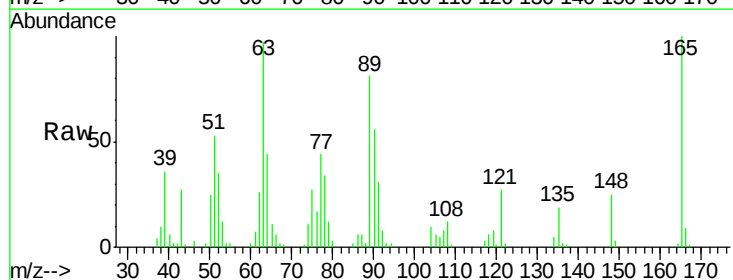
Instrument :
BNA_F
ClientSampleId :

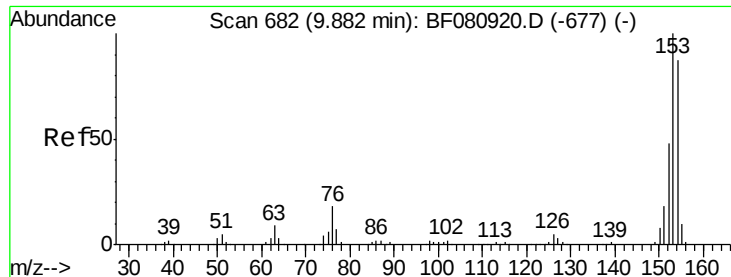
Tot Ion:163 Resp: 291030
Ion Ratio Lower Upper
163 100
194 3.0 2.4 3.6
164 10.3 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 36.38 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Tgt Ion:165 Resp: 64588
Ion Ratio Lower Upper
165 100
63 97.0 77.6 116.4
89 80.6 64.5 96.7





#51

Acenaphthene

Concen: 40.05 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA_F

ClientSampled :

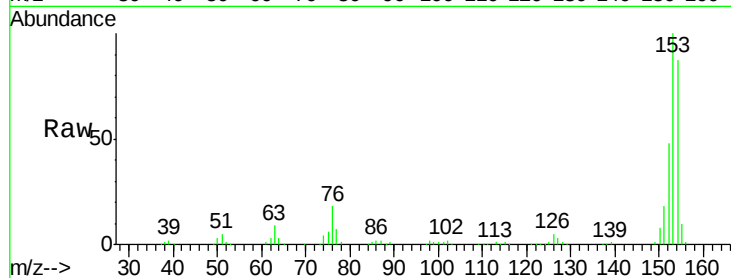
Tot Ion:154 Resp: 295167

Ion Ratio Lower Upper

154 100

153 114.3 91.4 137.2

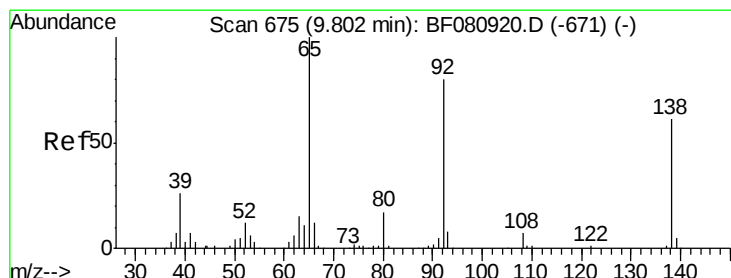
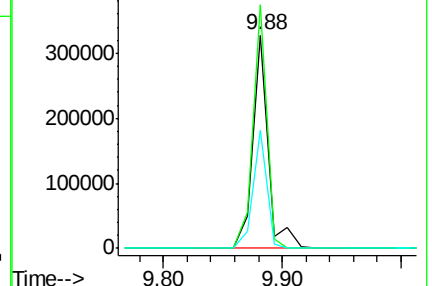
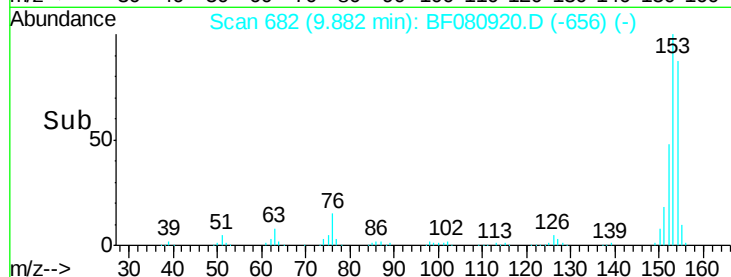
152 55.3 44.2 66.4



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: 39.53 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

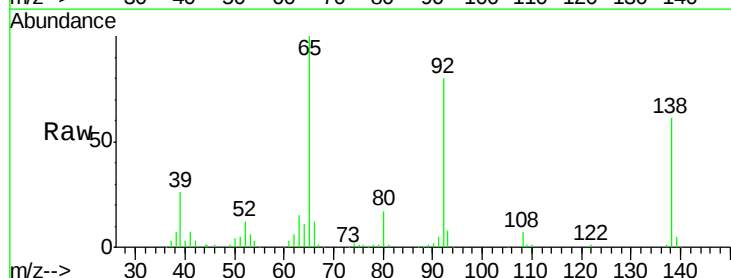
Tgt Ion:138 Resp: 86502

Ion Ratio Lower Upper

138 100

108 10.9 8.7 13.1

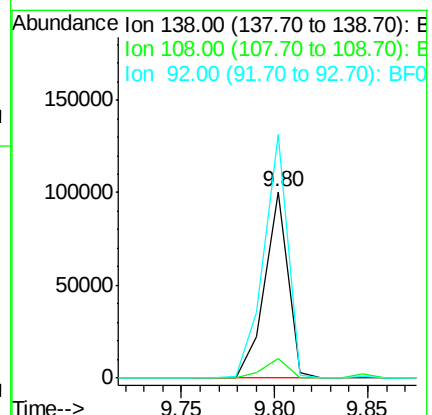
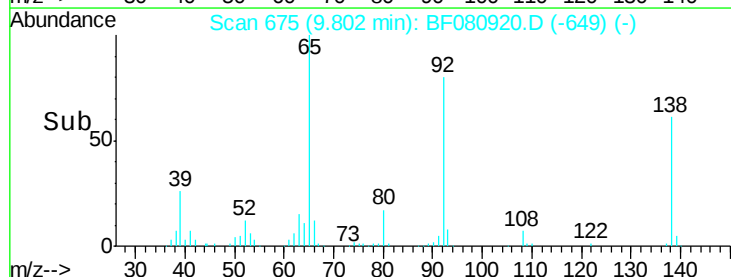
92 130.5 104.4 156.6

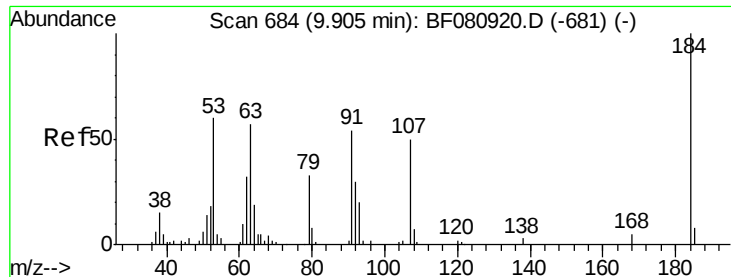


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

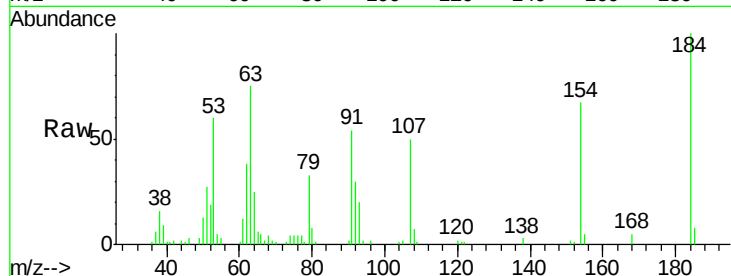




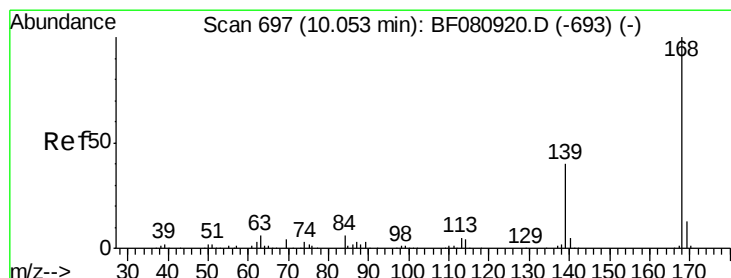
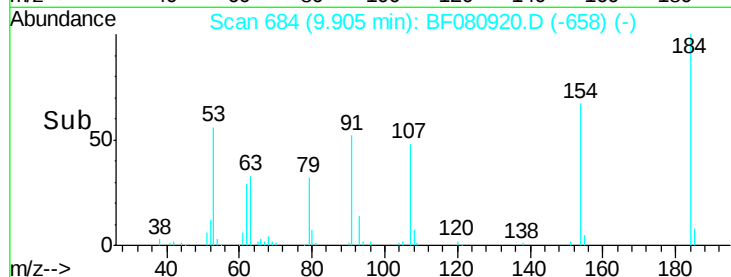
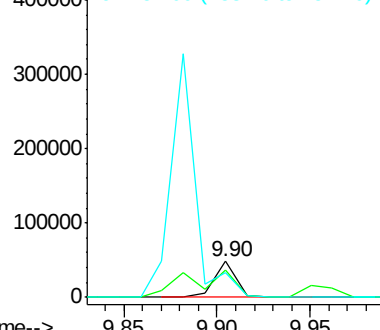
#53
 2,4-Dinitrophenol
 Concen: 42.51 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 39838
 Ion Ratio Lower Upper
 184 100
 63 74.6 59.7 89.5
 154 67.3 53.8 80.8

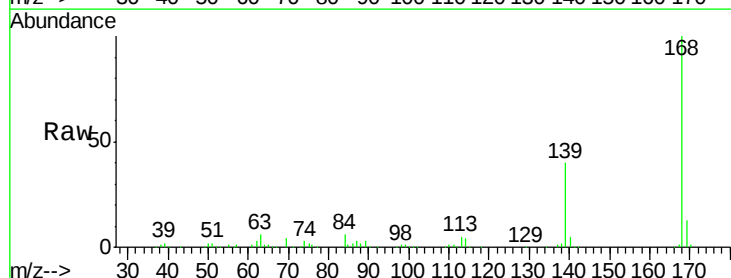


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

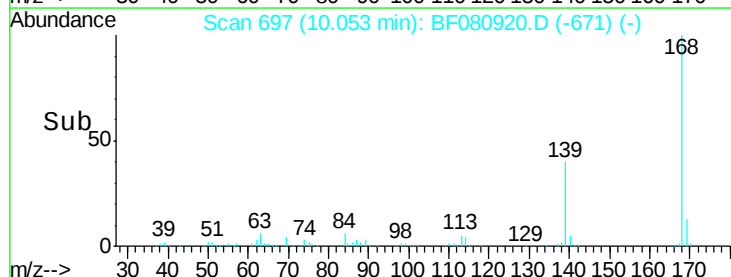
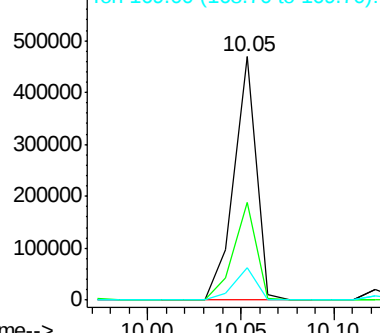


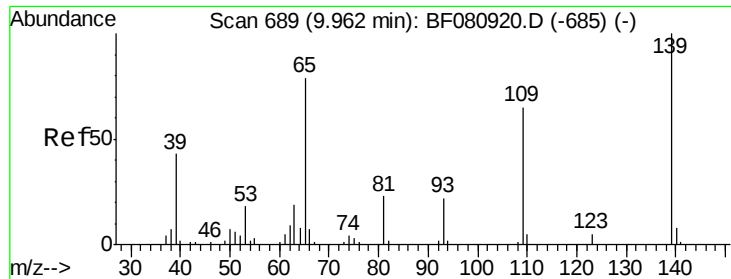
#54
 Dibenzofuran
 Concen: 39.78 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Tgt Ion:168 Resp: 396365
 Ion Ratio Lower Upper
 168 100
 139 39.9 31.9 47.9
 169 13.2 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

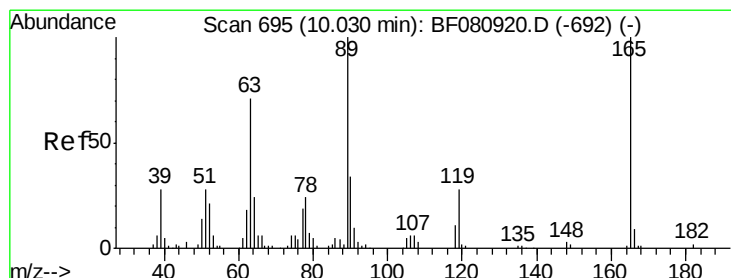
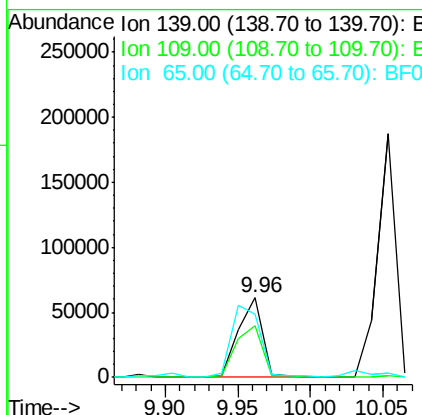
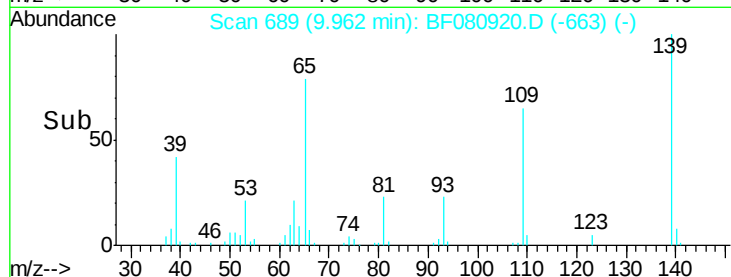
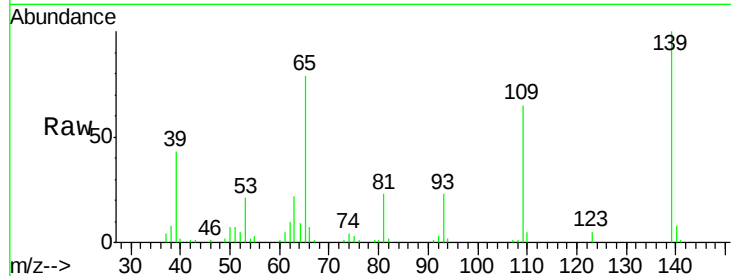




#55
 4-Nitrophenol
 Concen: 43.60 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

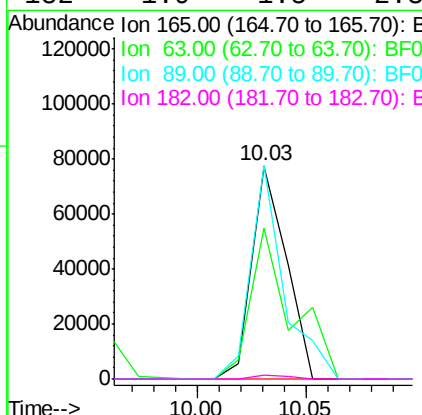
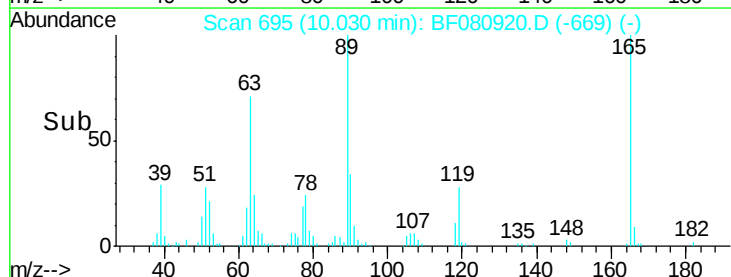
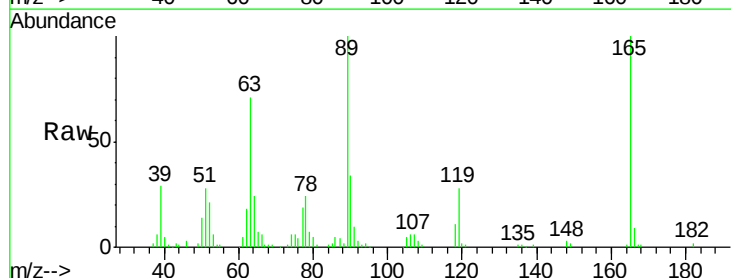
Instrument :
 BNA_F
 ClientSampleId :

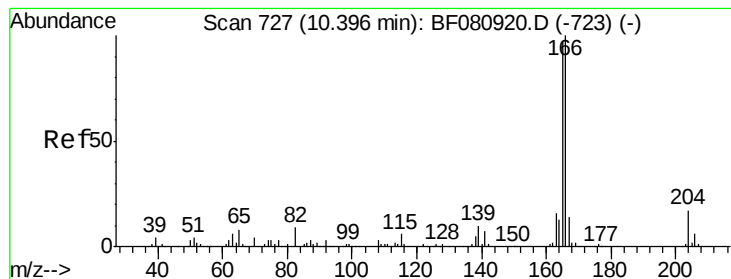
Tot Ion:139 Resp: 71425
 Ion Ratio Lower Upper
 139 100
 109 64.7 44.7 84.7
 65 79.5 59.5 99.5



#56
 2,4-Dinitrotoluene
 Concen: 35.83 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Tgt Ion:165 Resp: 85117
 Ion Ratio Lower Upper
 165 100
 63 70.9 56.7 85.1
 89 100.5 80.4 120.6
 182 1.9 1.5 2.3





#57

Fluorene

Concen: 40.23 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA_F

ClientSampleId :

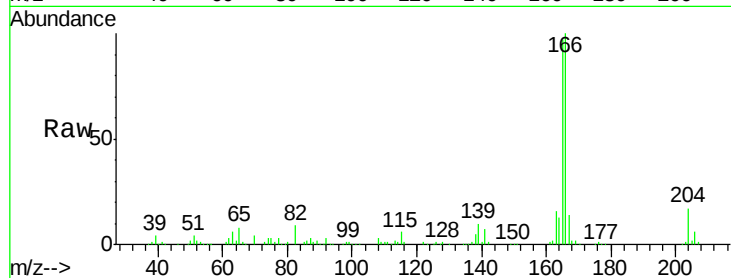
Tot Ion:166 Resp: 310119

Ion Ratio Lower Upper

166 100

165 96.5 77.2 115.8

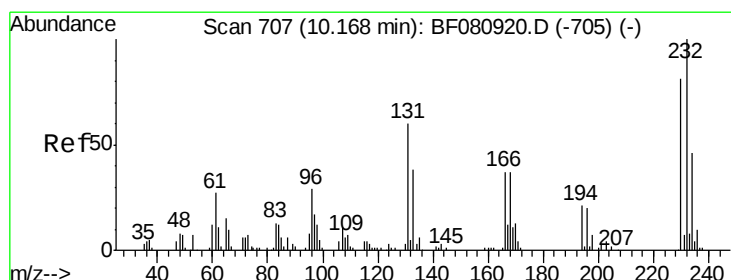
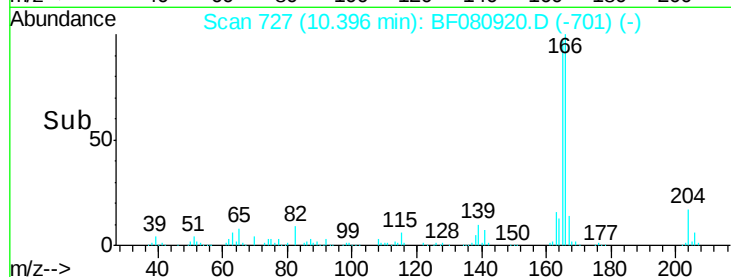
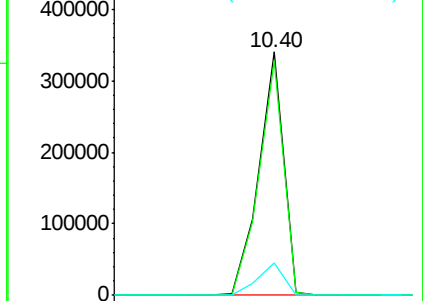
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.41 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.05 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Tgt Ion:232 Resp: 71873

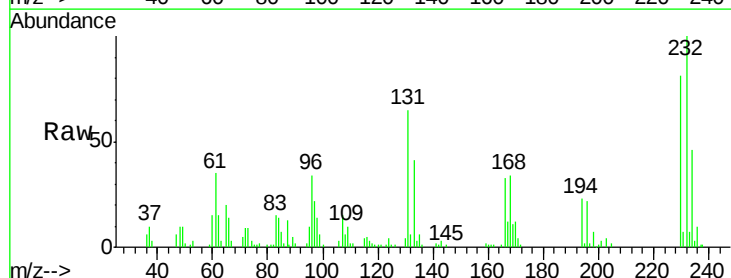
Ion Ratio Lower Upper

232 100

131 49.4 39.4 59.2

130 2.6 2.1 3.1

166 27.2 21.7 32.5

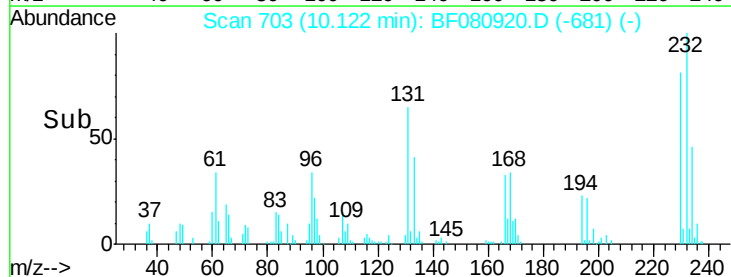
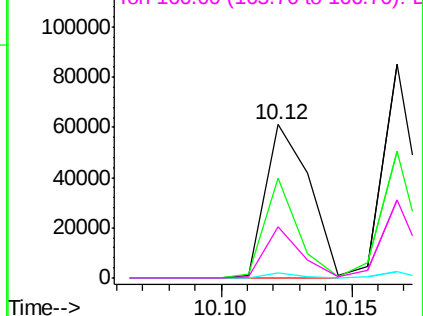


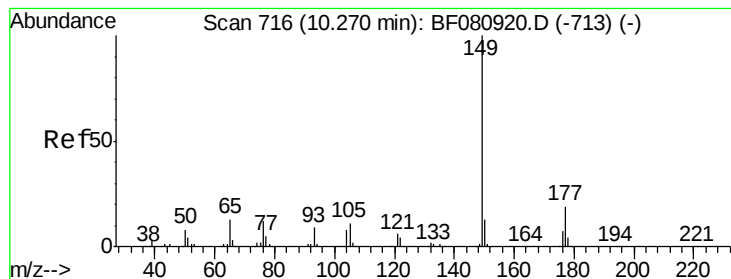
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.41 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA_F

ClientSampled :

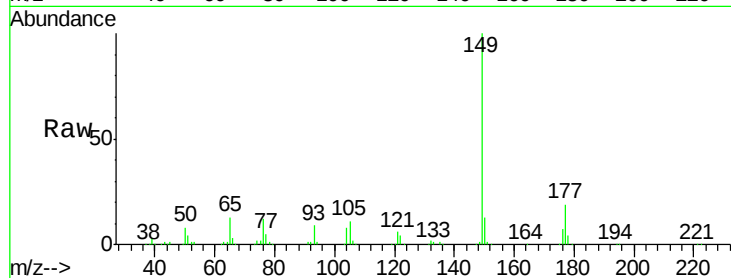
Tot Ion:149 Resp: 325641

Ion Ratio Lower Upper

149 100

177 18.7 15.0 22.4

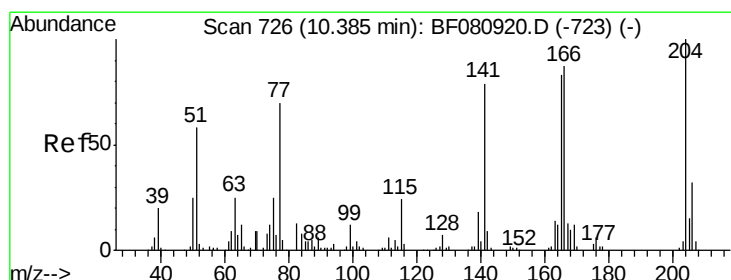
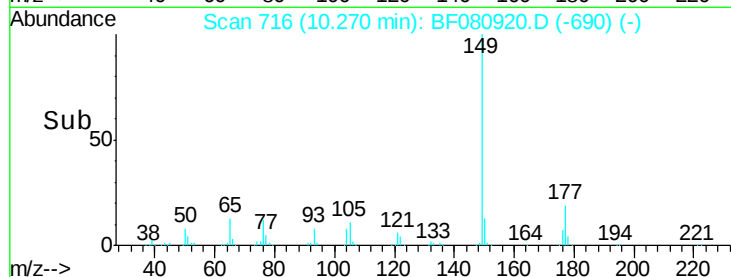
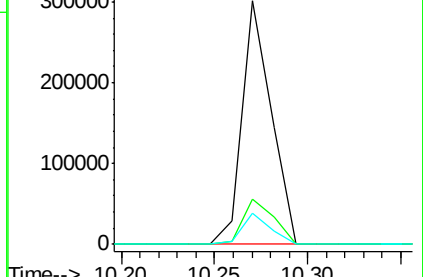
150 13.0 10.4 15.6



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: 33.72 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

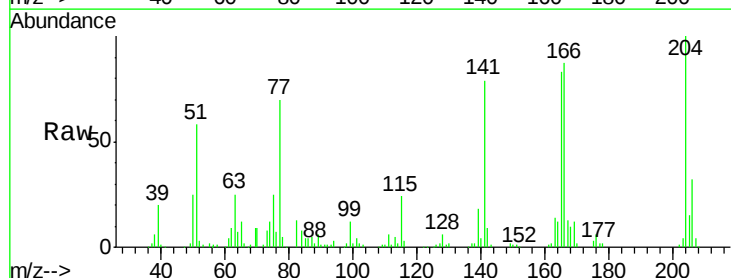
Tgt Ion:204 Resp: 126646

Ion Ratio Lower Upper

204 100

206 31.9 25.5 38.3

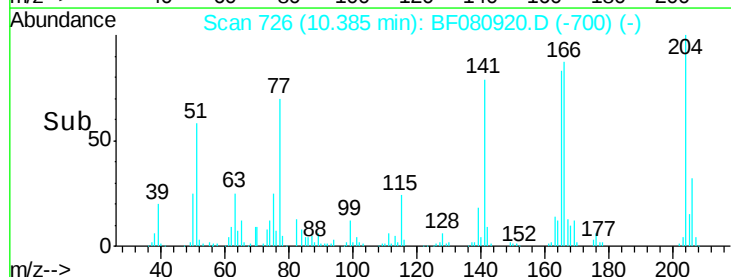
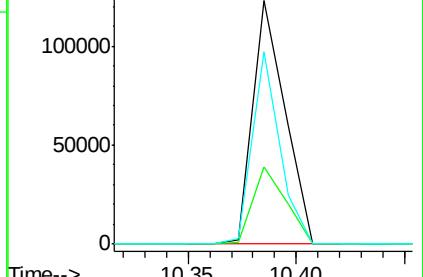
141 79.2 63.4 95.0

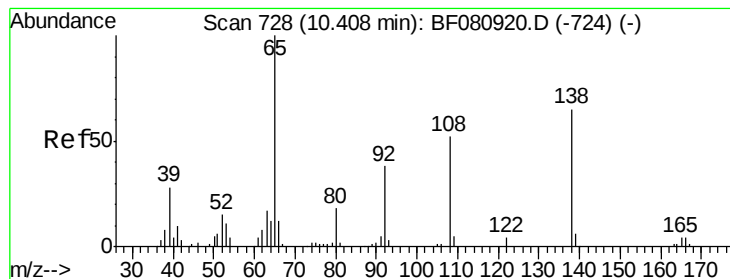


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.17 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :
BNA_F
ClientSampleId :

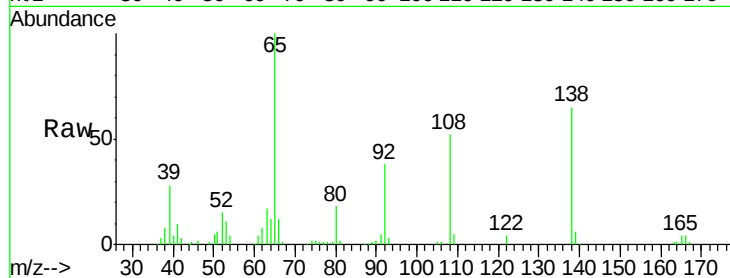
Tot Ion:138 Resp: 90456

Ion Ratio Lower Upper

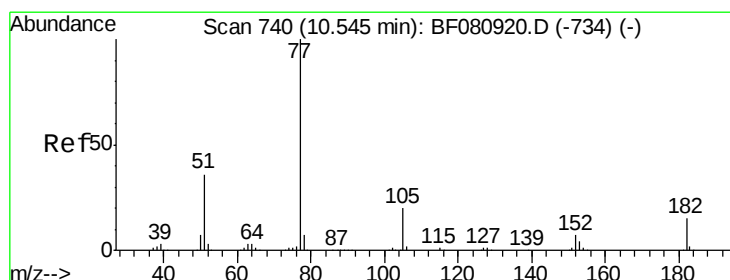
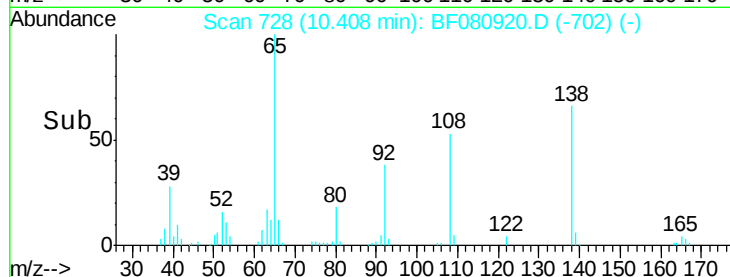
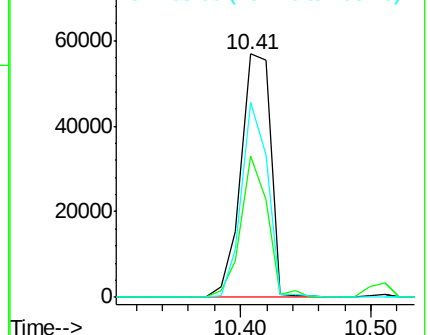
138 100

92 58.1 38.1 78.1

108 79.9 59.9 99.9



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



#62

Azobenzene

Concen: 37.32 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Tgt Ion: 77 Resp: 373252

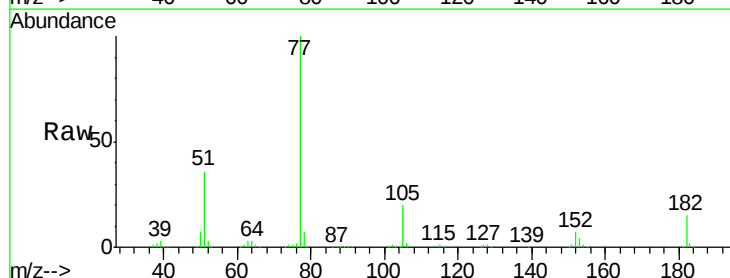
Ion Ratio Lower Upper

77 100

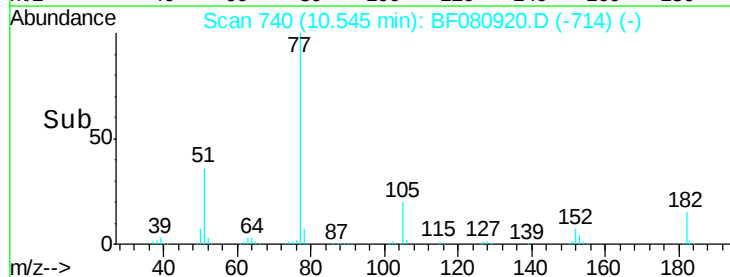
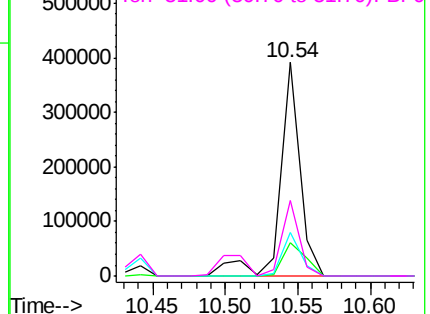
182 15.5 0.0 35.5

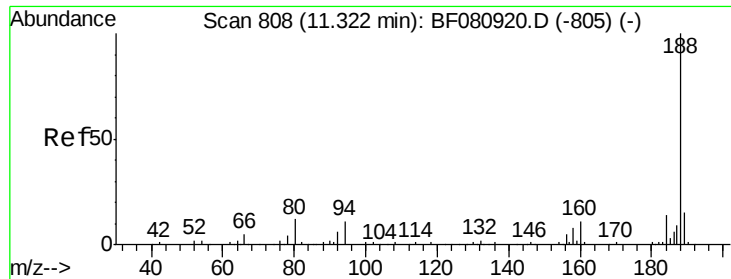
105 20.5 0.5 40.5

51 35.6 15.6 55.6



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

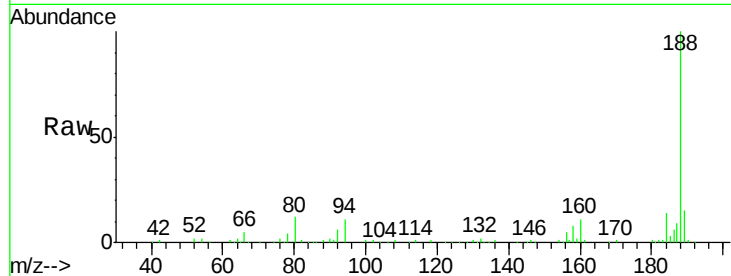




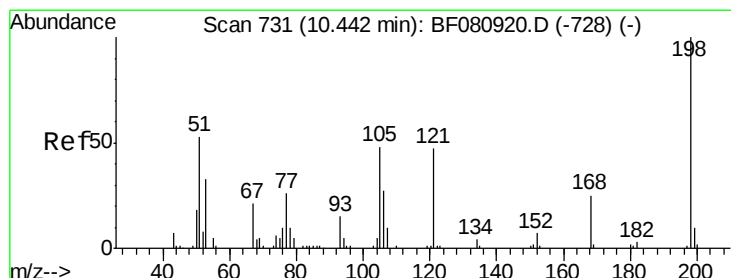
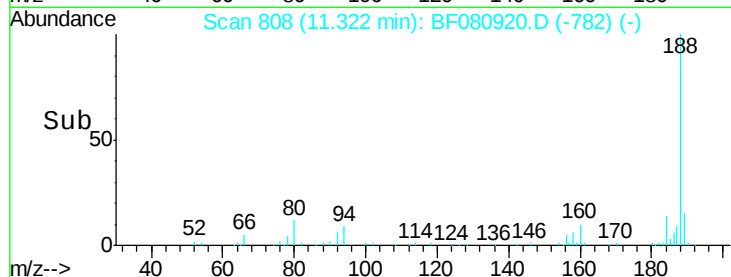
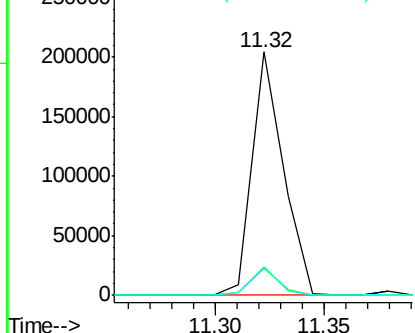
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 204362
Ion Ratio Lower Upper
188 100
94 11.0 8.8 13.2
80 11.9 9.5 14.3

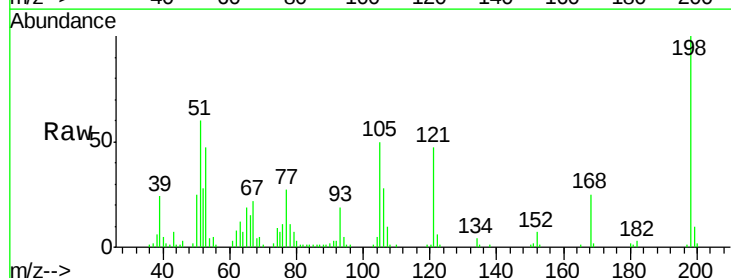


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

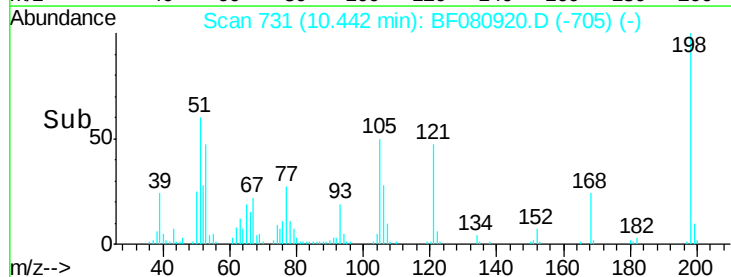
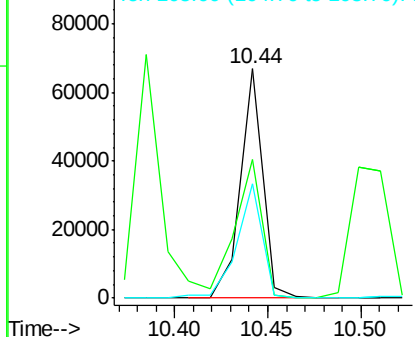


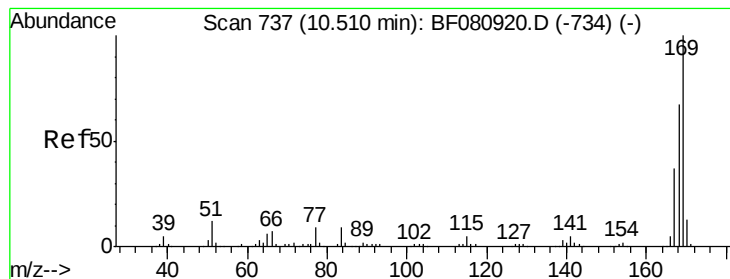
#64
4,6-Dinitro-2-methylphenol
Concen: 44.15 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Tgt Ion:198 Resp: 55923
Ion Ratio Lower Upper
198 100
51 60.3 40.3 80.3
105 49.6 29.6 69.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

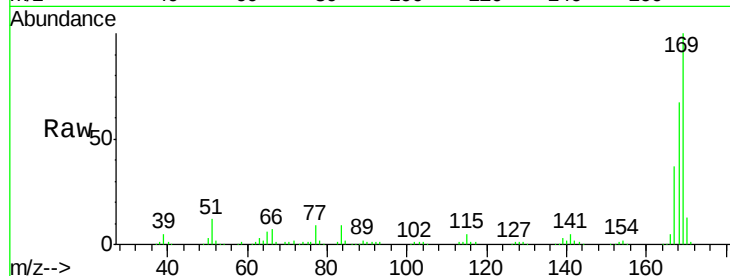




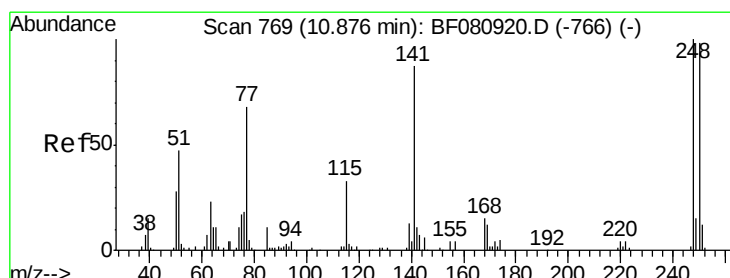
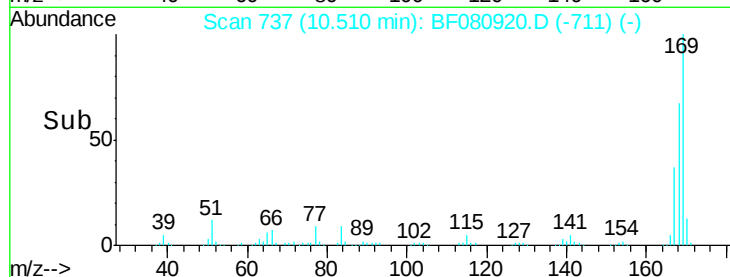
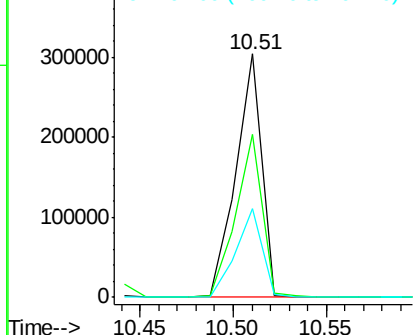
#65
 n-Nitrosodiphenylamine
 Concen: 41.72 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 296203
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.7 80.5
 167 36.6 29.3 43.9

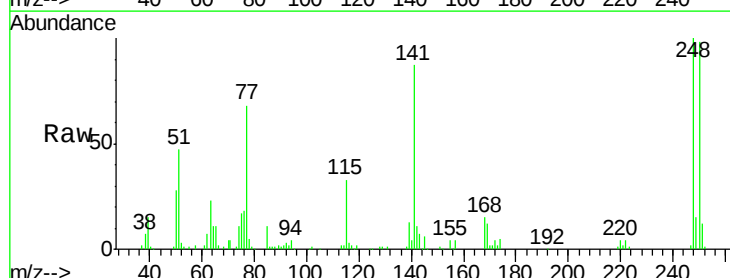


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

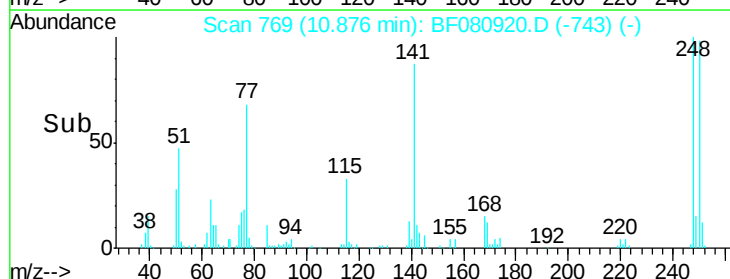
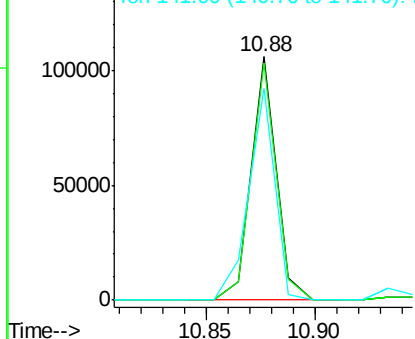


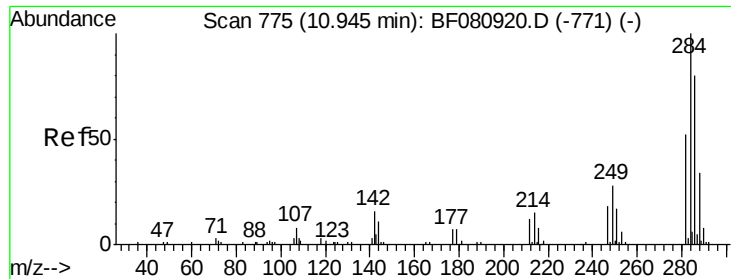
#66
 4-Bromophenyl-phenylether
 Concen: 39.28 ng
 RT: 10.88 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Tgt Ion:248 Resp: 85026
 Ion Ratio Lower Upper
 248 100
 250 97.6 78.1 117.1
 141 87.0 69.6 104.4



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

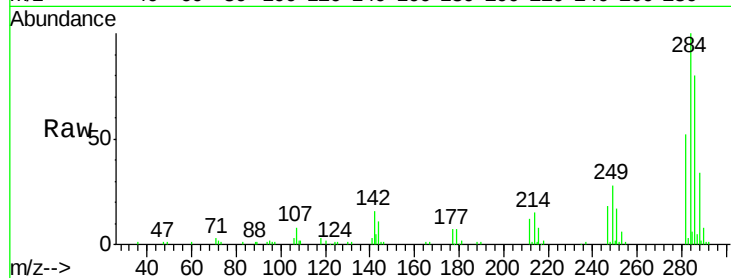




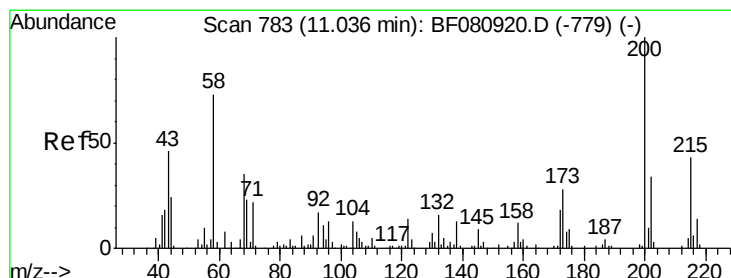
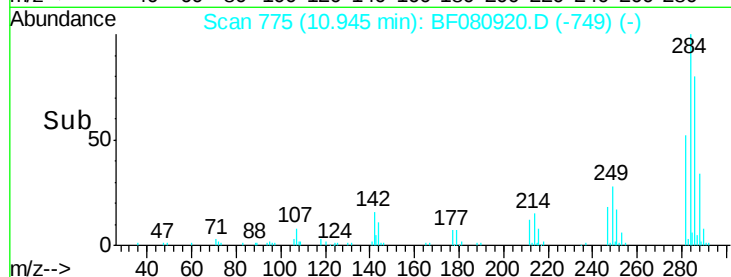
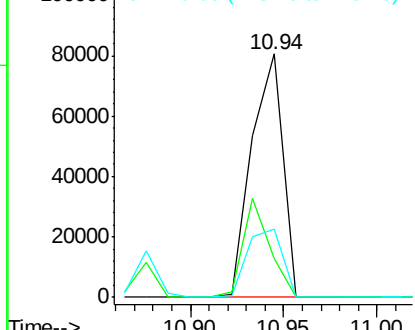
#67
Hexachlorobenzene
Concen: 38.62 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 92925
Ion Ratio Lower Upper
284 100
142 16.0 12.8 19.2
249 28.1 22.5 33.7

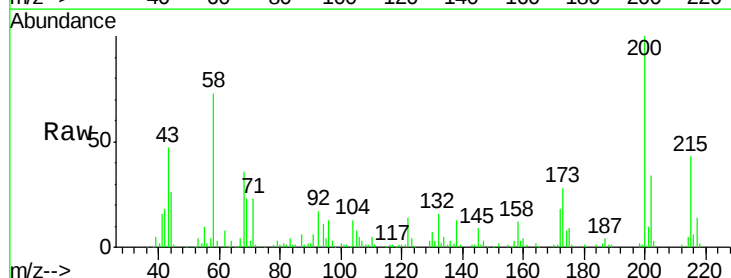


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

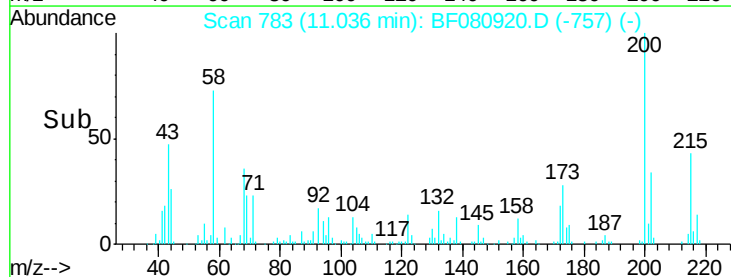
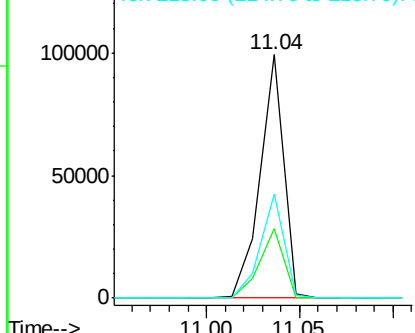


#68
Atrazine
Concen: 41.56 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Tgt Ion:200 Resp: 86510
Ion Ratio Lower Upper
200 100
173 28.4 8.4 48.4
215 42.7 22.7 62.7



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

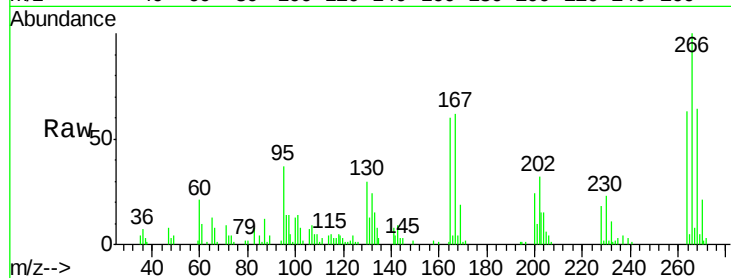




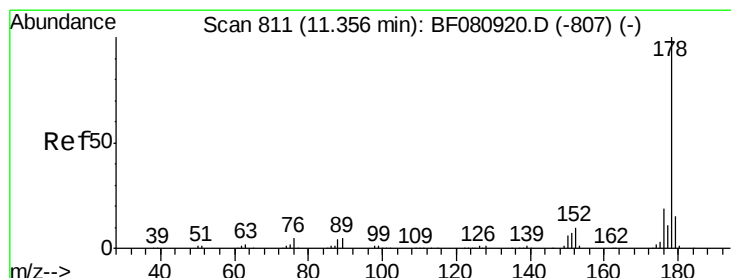
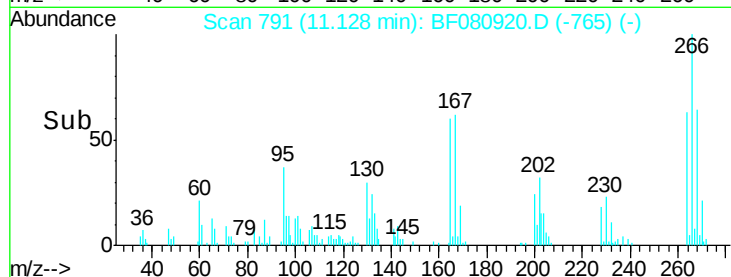
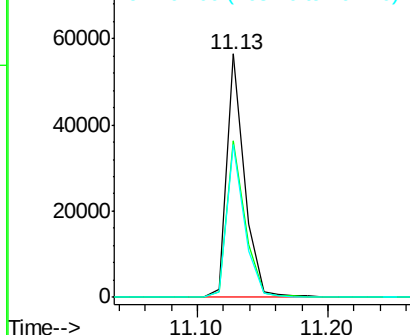
#69
 Pentachlorophenol
 Concen: 38.32 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 53625
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.6 77.4
 264 62.6 50.1 75.1

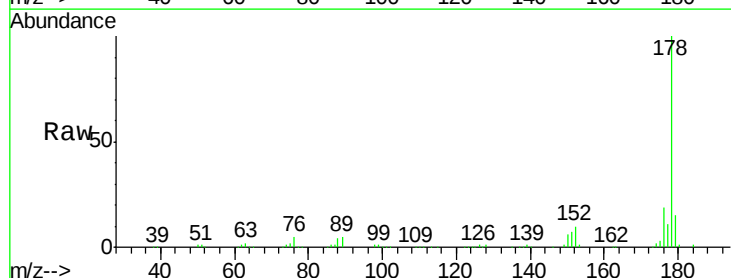


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

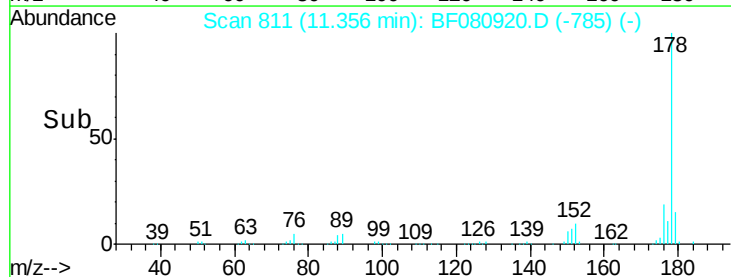
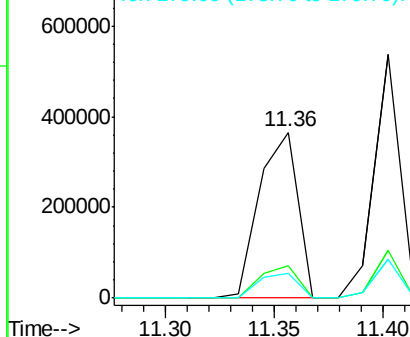


#70
 Phenanthrene
 Concen: 39.30 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Tgt Ion:178 Resp: 454769
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 14.9 11.9 17.9



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

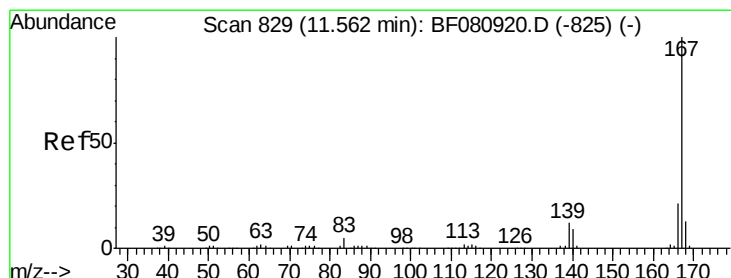
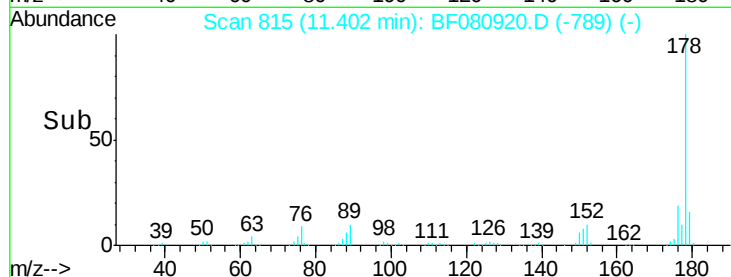
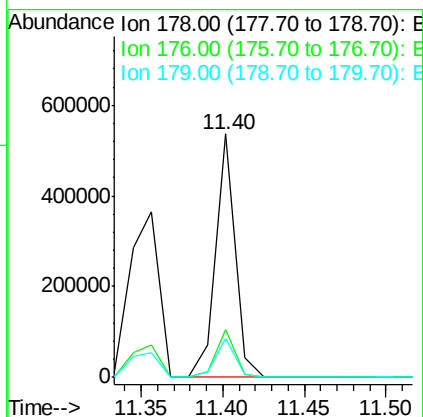
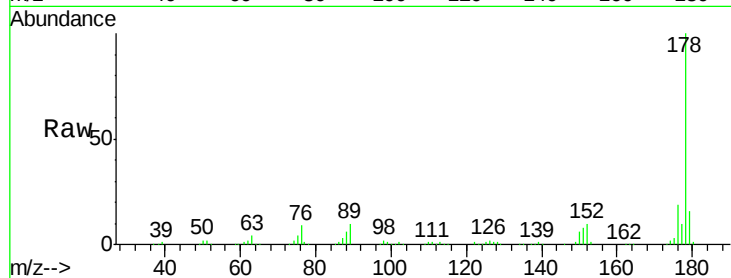




#71
 Anthracene
 Concen: 39.17 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

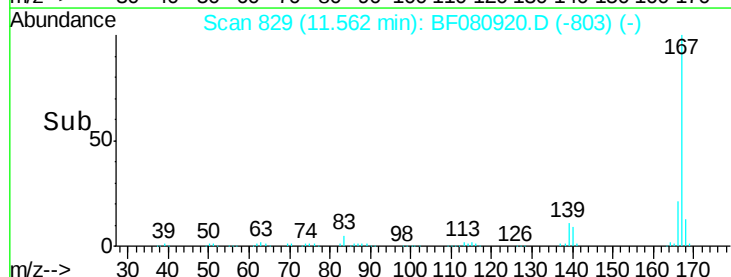
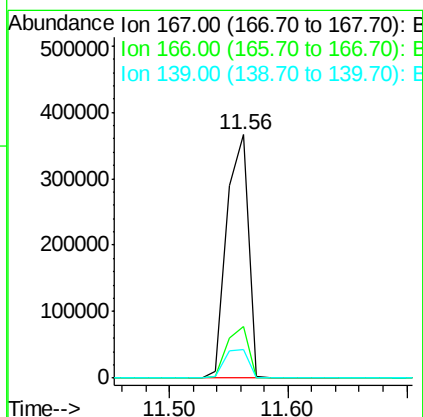
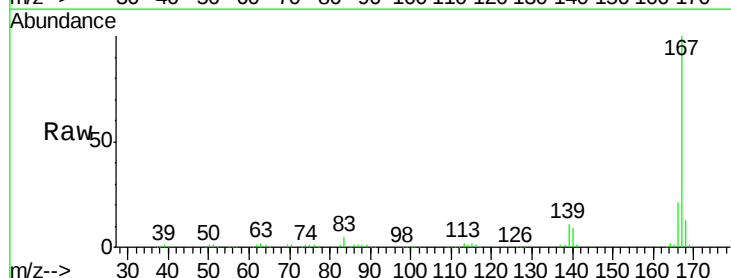
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 448725
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.7 12.6 18.8



#72
 Carbazole
 Concen: 41.23 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Tgt Ion:167 Resp: 459934
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 11.5 9.2 13.8





#73

Di-n-butylphthalate

Concen: 38.38 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA_F

ClientSampleId :

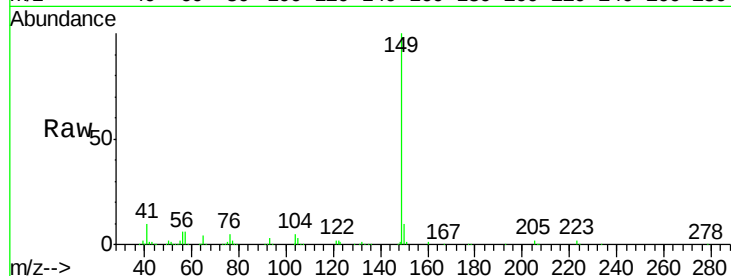
Tot Ion:149 Resp: 535368

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

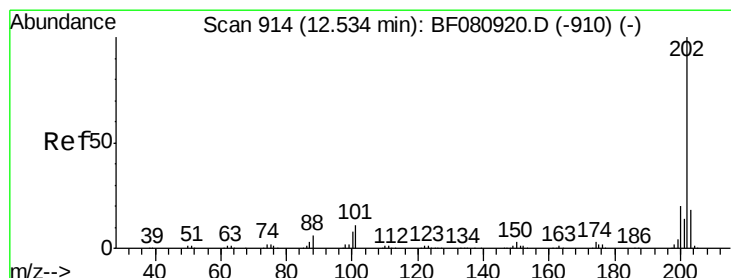
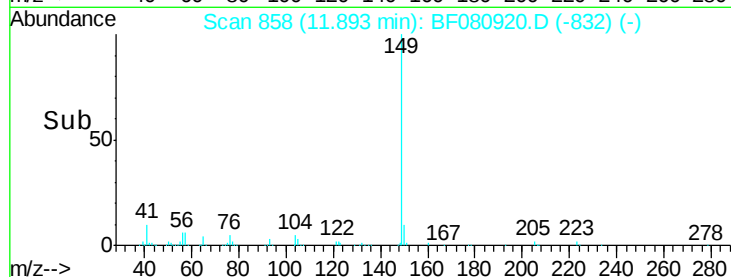
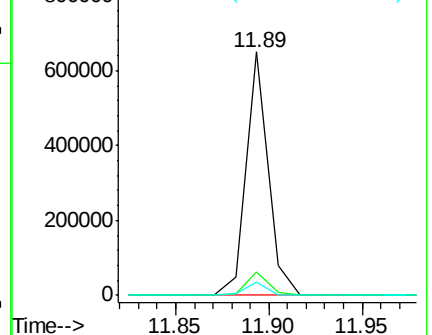
104 5.5 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.10 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

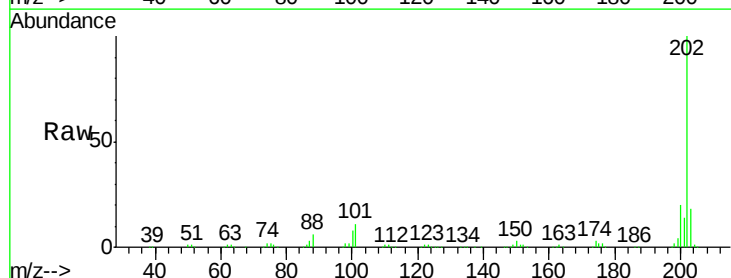
Tgt Ion:202 Resp: 526619

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.5

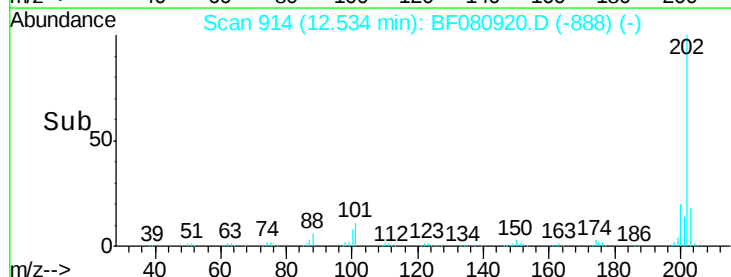
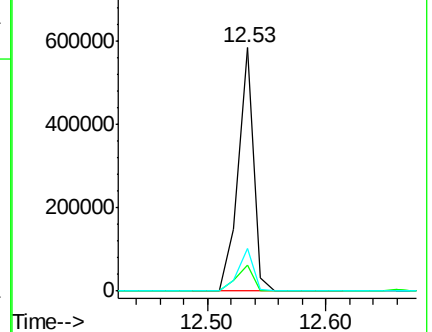
203 17.7 0.0 37.7

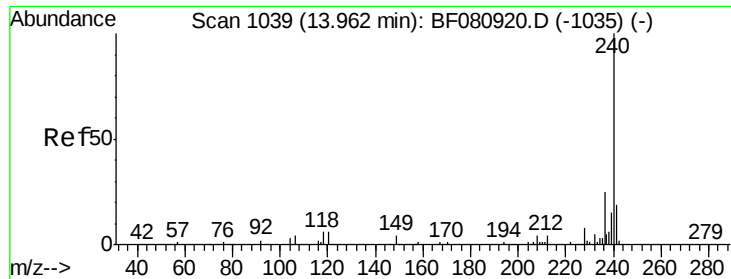


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

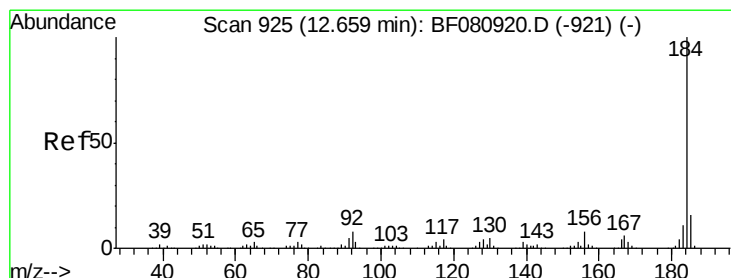
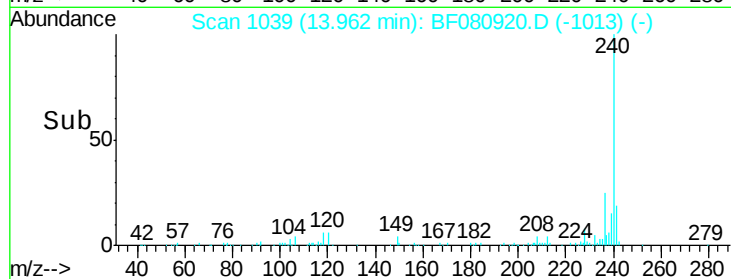
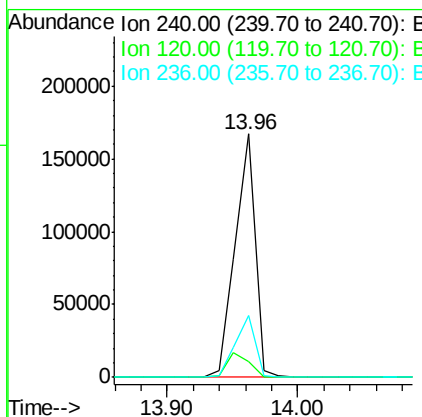
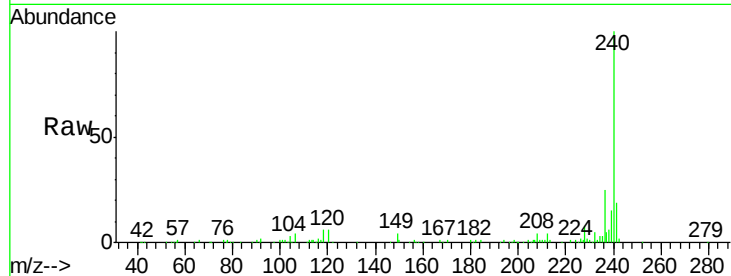




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

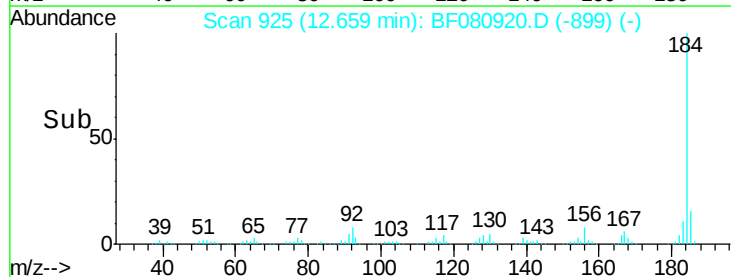
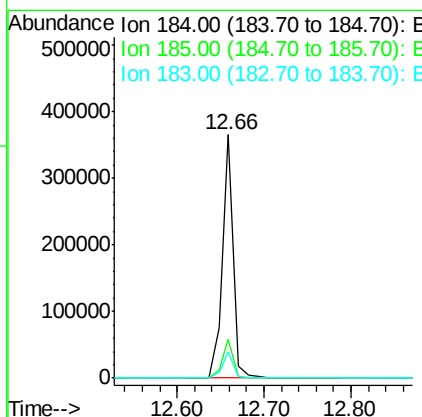
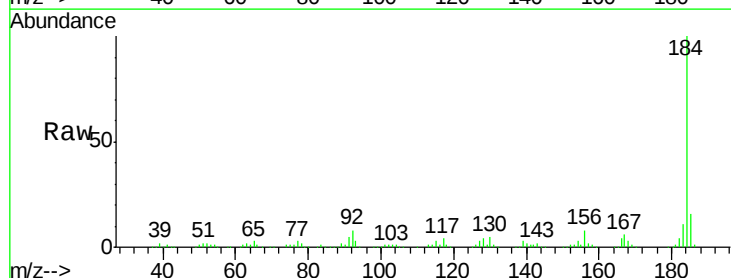
Instrument :
BNA_F
ClientSampleId :

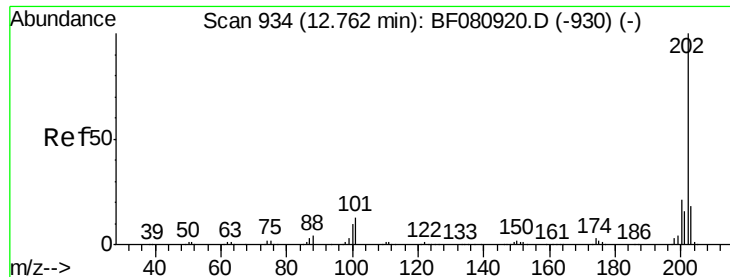
Tot Ion:240 Resp: 178326
Ion Ratio Lower Upper
240 100
120 6.5 5.2 7.8
236 25.3 20.2 30.4



#76
Benzidine
Concen: 45.88 ng
RT: 12.66 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Tgt Ion:184 Resp: 322472
Ion Ratio Lower Upper
184 100
185 16.2 13.0 19.4
183 10.9 8.7 13.1

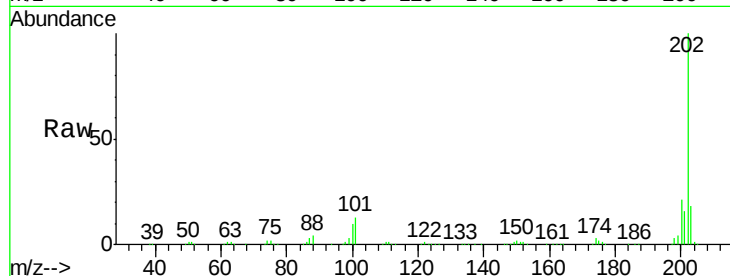




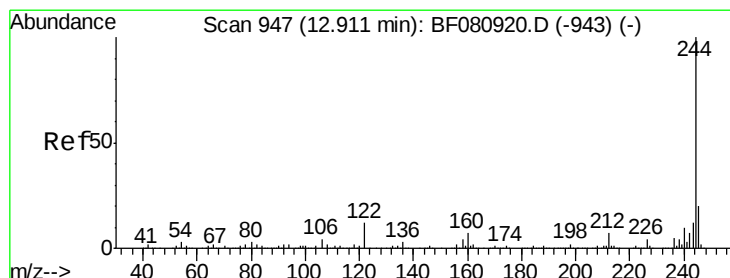
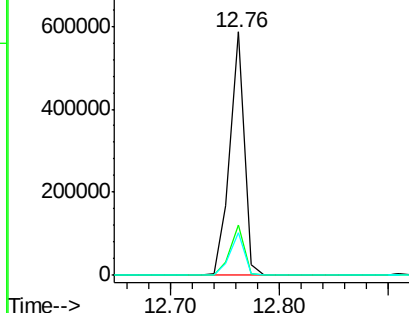
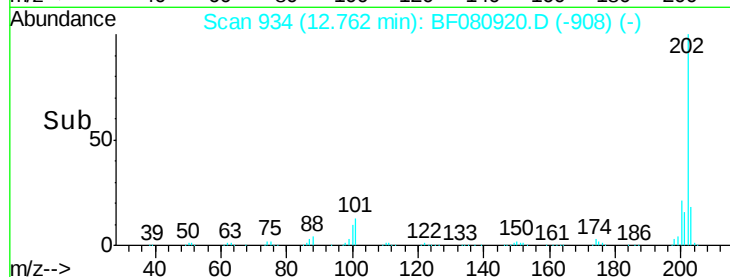
#77
 Pvrene
 Concen: 40.97 ng
 RT: 12.76 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.7	14.2	21.2

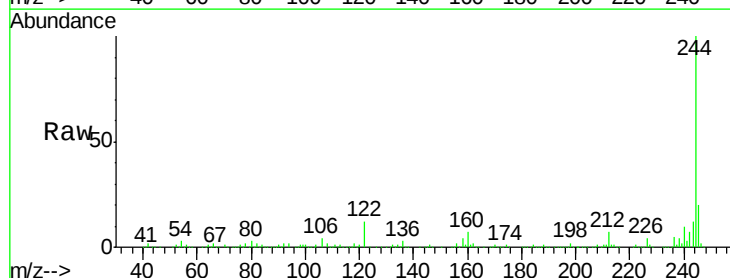


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

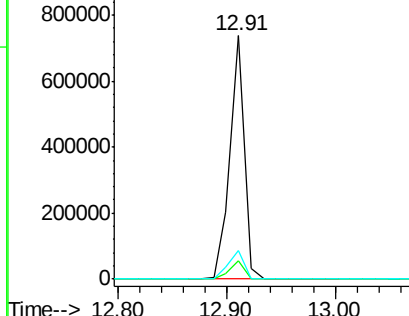
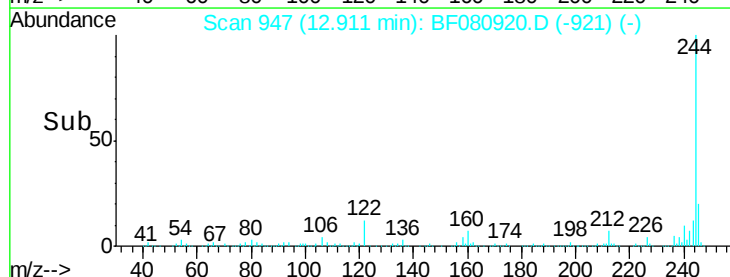


#78
 Terphenyl-d14
 Concen: 77.88 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.8	9.4	14.2



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

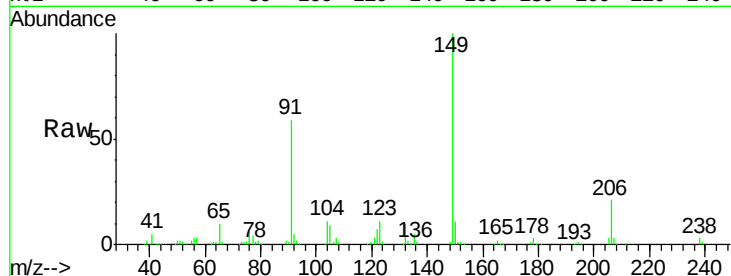




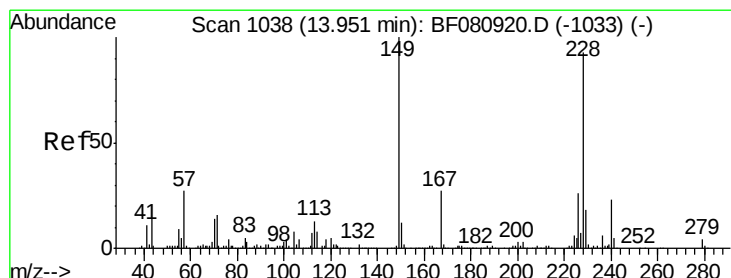
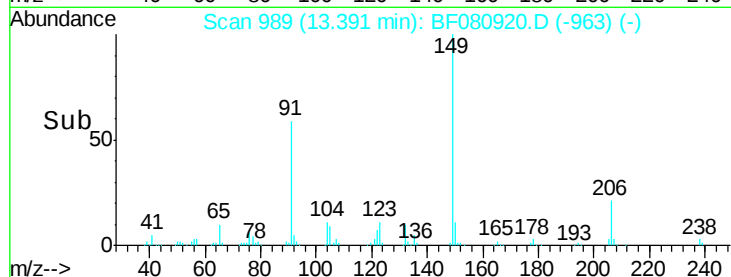
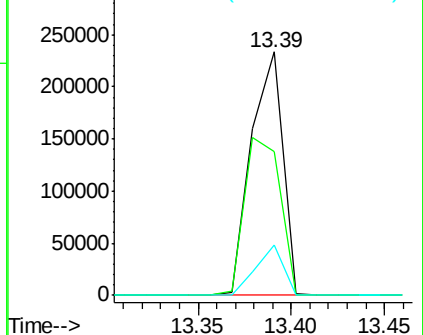
#79
Butylbenzylphthalate
Concen: 42.88 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	59.0	47.2	70.8
206	20.6	16.5	24.7

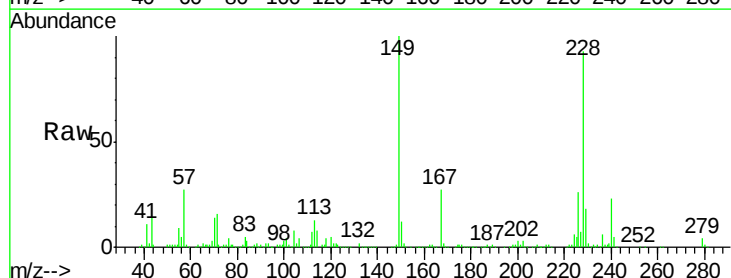


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

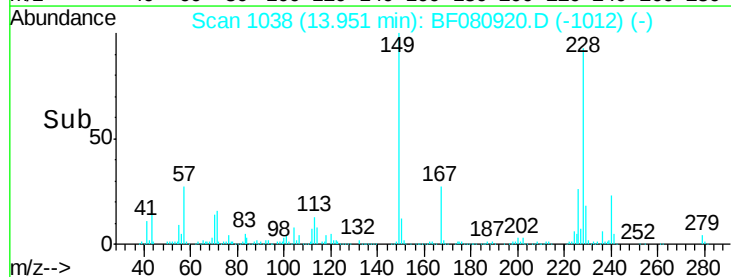
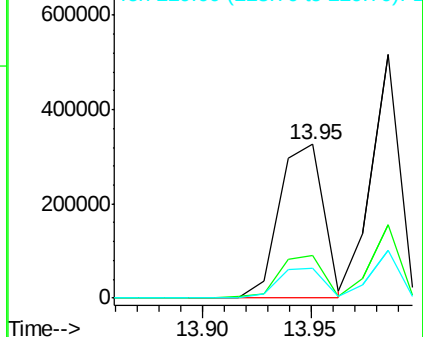


#80
Benzo(a)anthracene
Concen: 41.13 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	19.7	15.8	23.6



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

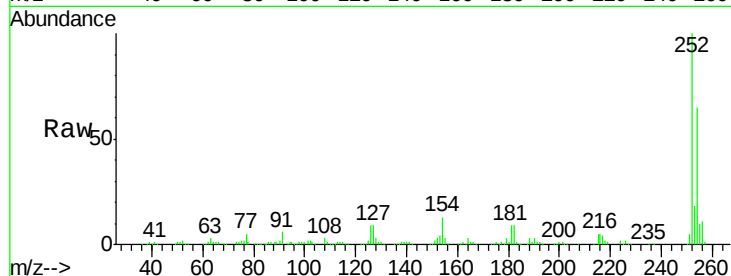




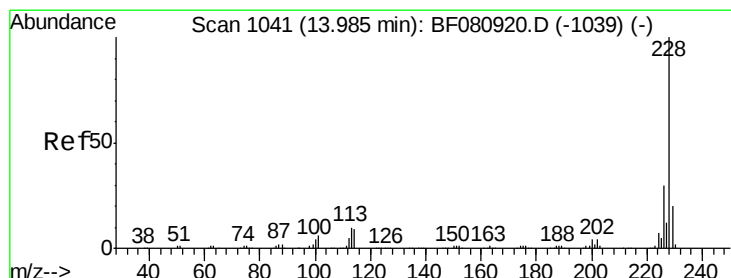
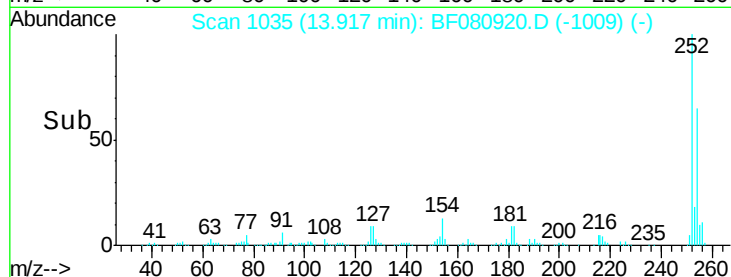
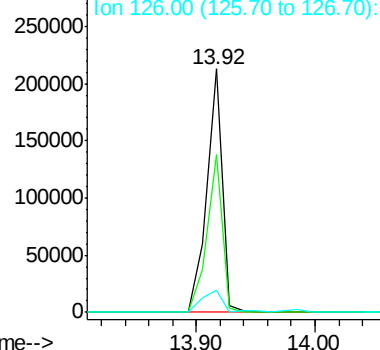
#81
 3,3'-Dichlorobenzidine
 Concen: 47.11 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 193021
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.7 77.5
 126 8.9 7.1 10.7

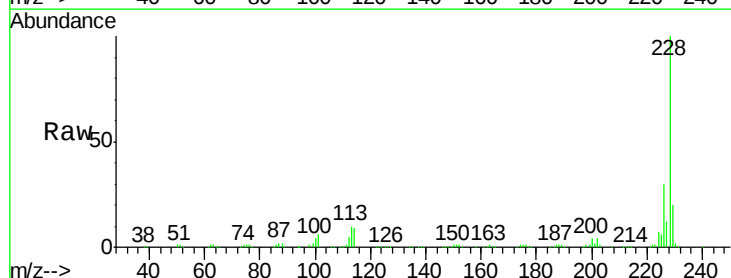


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

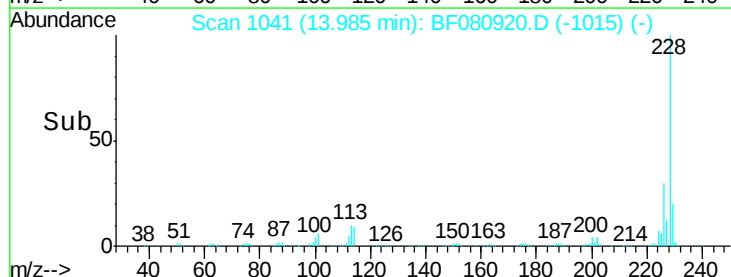
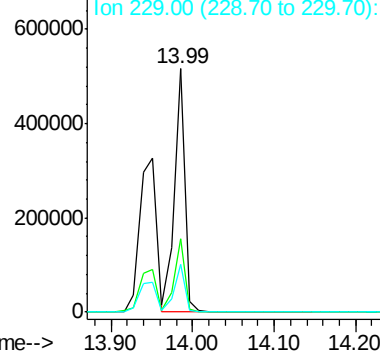


#82
 Chrysene
 Concen: 43.69 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Tgt Ion:228 Resp: 471214
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.9 35.9
 229 19.7 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.39 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA_F

ClientSampleId :

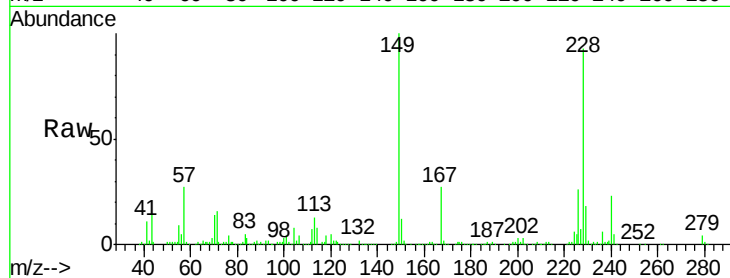
Tot Ion:149 Resp: 383446

Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

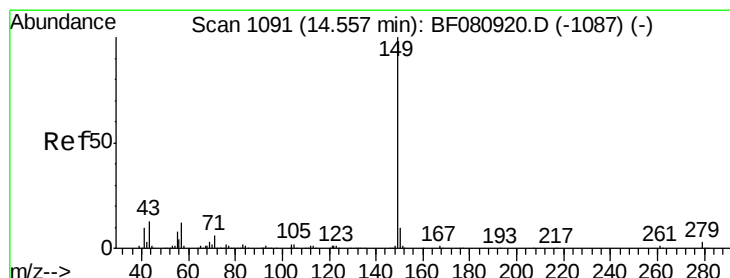
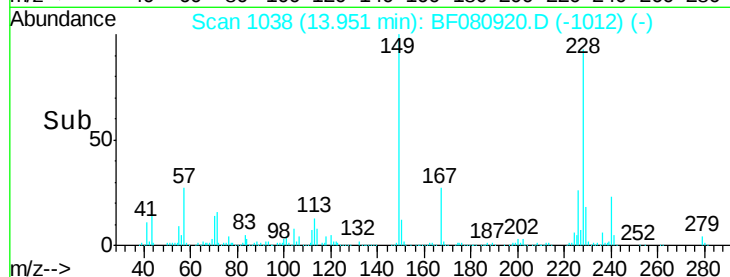
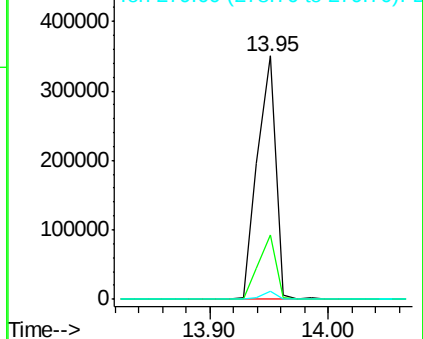
279 3.6 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.98 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

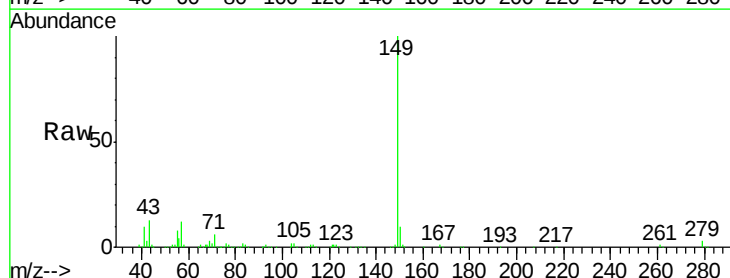
Tgt Ion:149 Resp: 673959

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

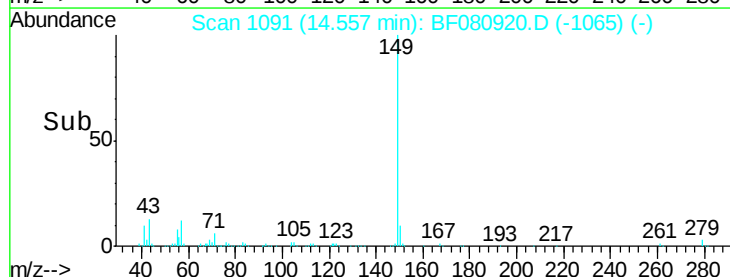
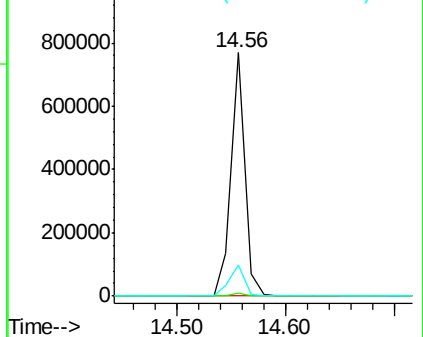
43 13.7 11.0 16.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

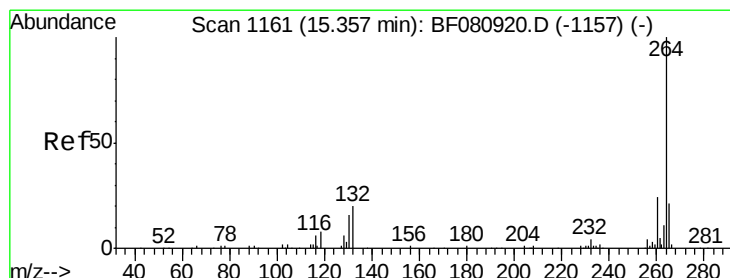
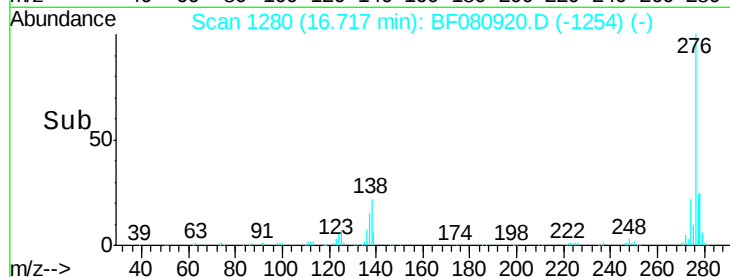
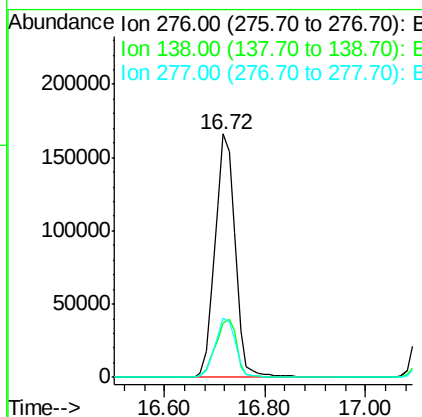
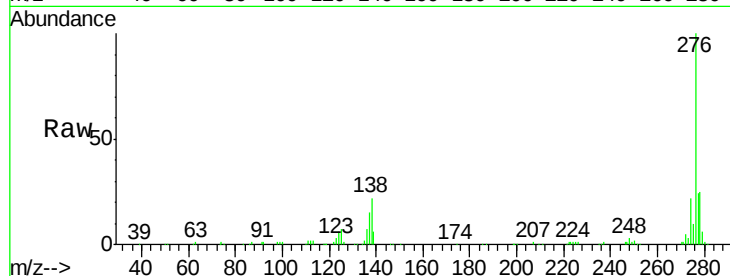




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.03 ng
 RT: 16.72 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

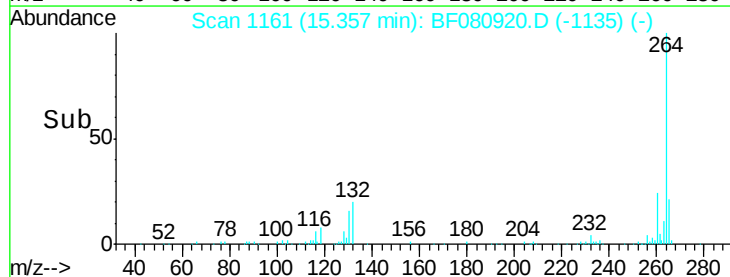
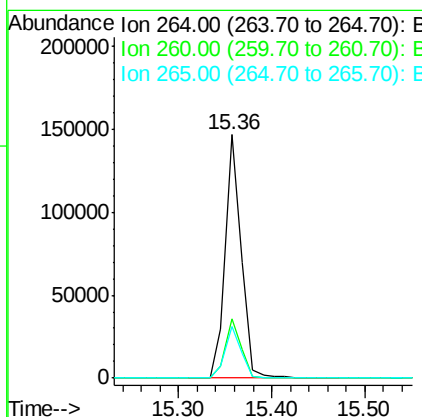
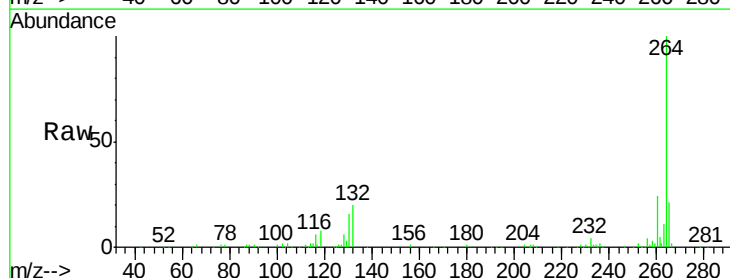
Instrument :
 BNA_F
 ClientSampleId :

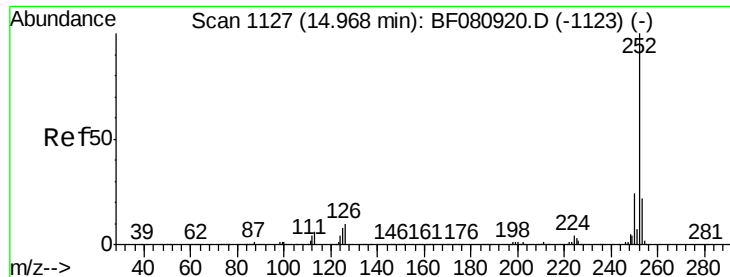
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.9	29.9
277	24.6	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.2	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 74.00 ng

RT: 14.99 min Scan# 1129

Delta R.T. 0.02 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

Instrument :

BNA_F

ClientSampled :

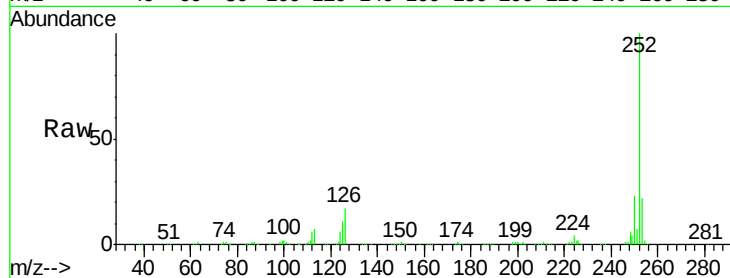
Tot Ion:252 Resp: 904458

Ion Ratio Lower Upper

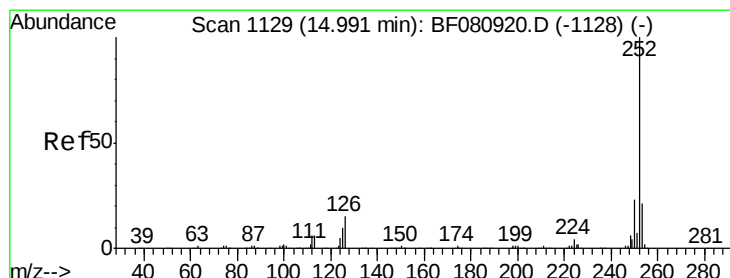
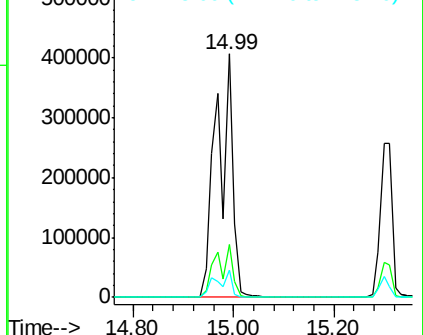
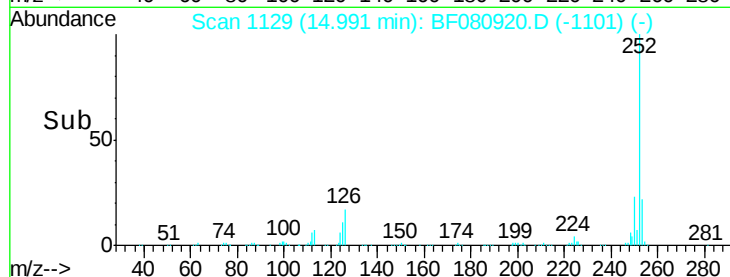
252 100

253 21.8 17.6 26.4

125 11.3 6.1 9.1#



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: 84.88 ng

RT: 14.99 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF080920.D

Acq: 7 Aug 2015 11:44

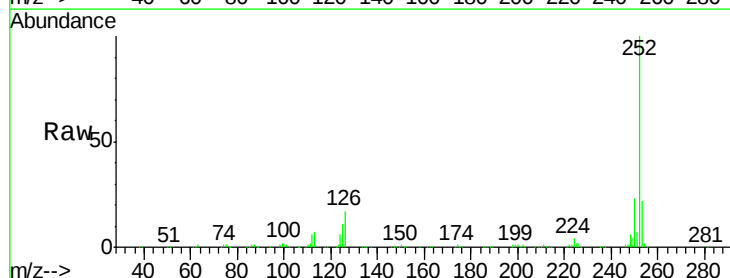
Tgt Ion:252 Resp: 904418

Ion Ratio Lower Upper

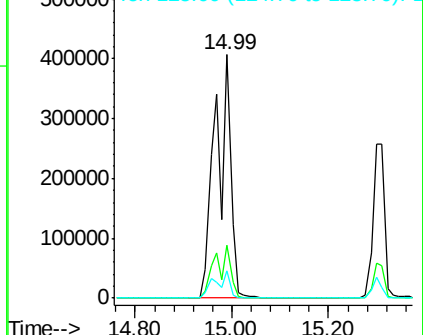
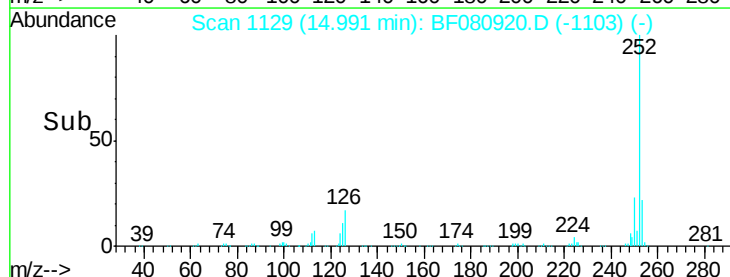
252 100

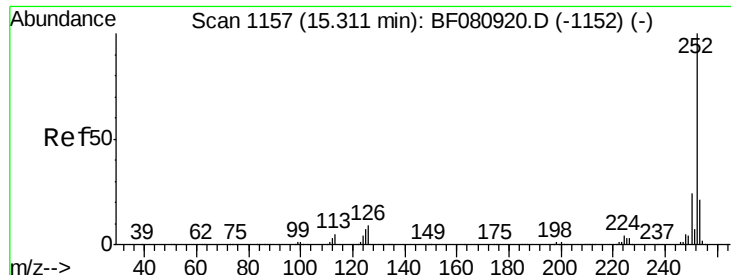
253 21.8 17.4 26.2

125 11.3 9.0 13.6



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

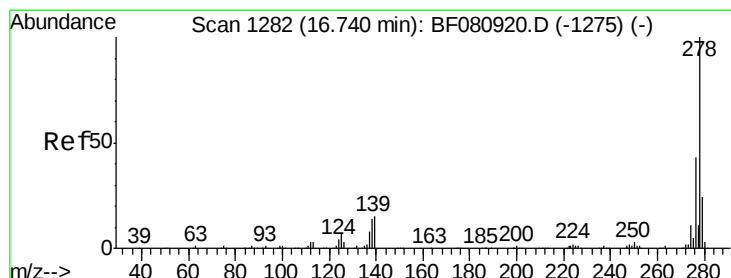
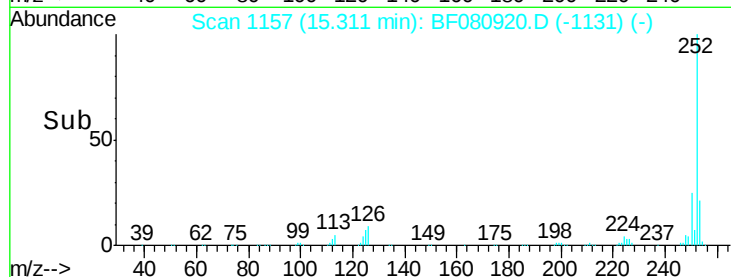
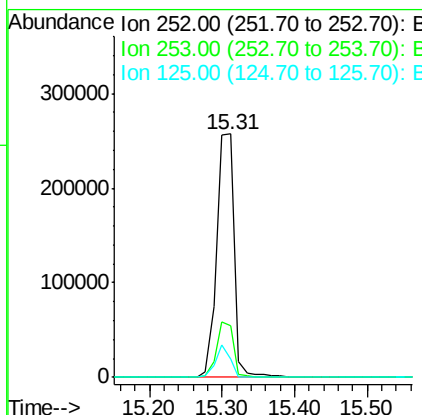
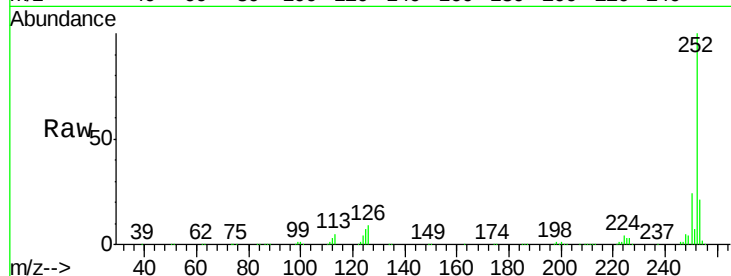




#89
Benzo(a)pyrene
Concen: 41.13 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

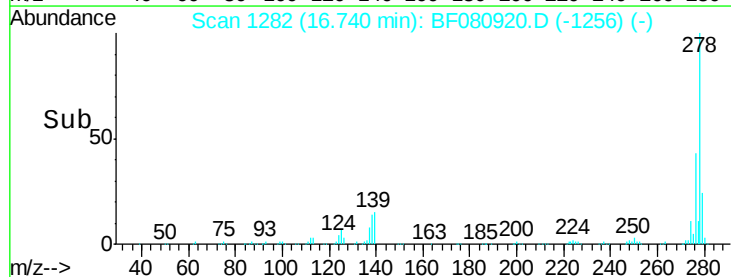
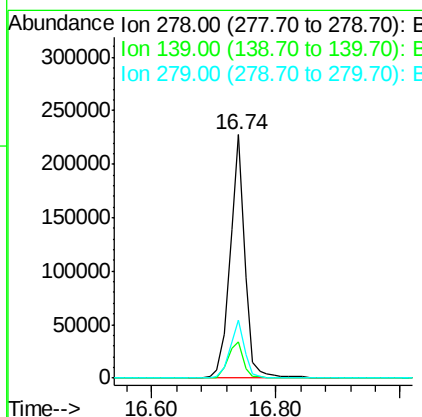
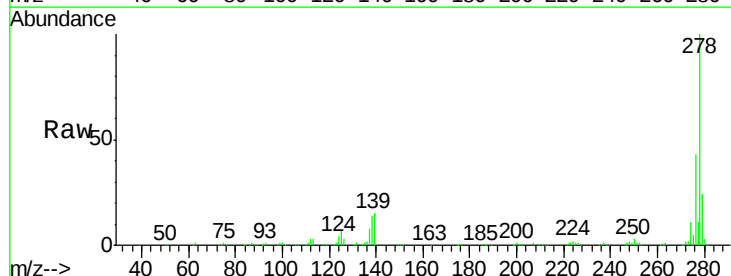
Instrument :
BNA_F
ClientSampleId :

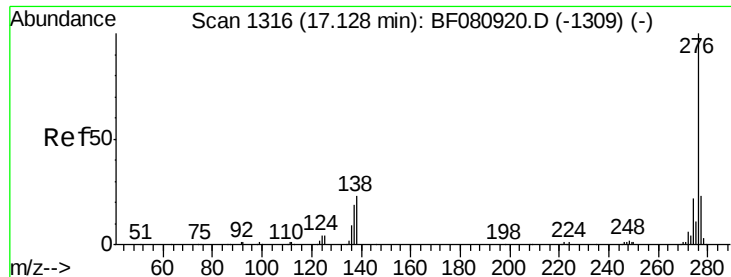
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.9	25.3
125	7.3	5.8	8.8



#90
Dibenzo(a,h)anthracene
Concen: 40.50 ng
RT: 16.74 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF080920.D
Acq: 7 Aug 2015 11:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.9	17.9
279	23.8	19.0	28.6

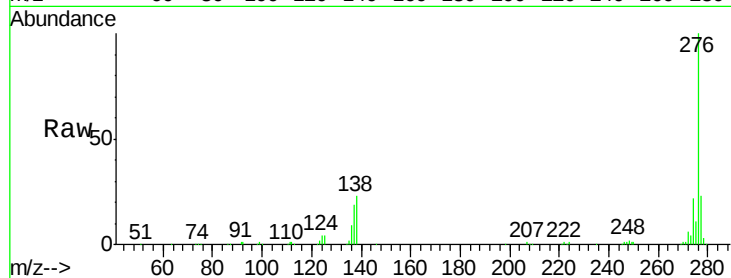




#91
 Benzo(a,h,i)perylene
 Concen: 41.38 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF080920.D
 Acq: 7 Aug 2015 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	23.0	18.4	27.6



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

