

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080947.D
 Acq On : 8 Aug 2015 3:40
 Operator : TP/UM
 Sample : G3212-01MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 04:25:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	46799	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	192107	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	93516	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	196230	20.00	ng	0.01
75) Chrysene-d12	13.96	240	125206	20.00	ng	0.00
86) Perylene-d12	15.37	264	110905	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	374302	130.68	ng	0.03
7) Phenol-d6	6.45	99	495322	126.20	ng	0.01
23) Nitrobenzene-d5	7.38	82	299844	73.83	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	108077	105.20	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	457901	68.93	ng	0.00
78) Terphenyl-d14	12.91	244	412309	68.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	38665	28.46	ng	97
3) Pyridine	3.09	79	104605	27.15	ng	97
4) n-Nitrosodimethylamine	3.02	42	60116	30.57	ng	95
6) Aniline	6.48	93	78238	13.57	ng	# 54
8) 2-Chlorophenol	6.60	128	97374	29.38	ng	93
9) Benzaldehyde	6.35	77	94799	35.83	ng	97
10) Phenol	6.46	94	111099	23.86	ng	# 45
11) bis(2-Chloroethyl)ether	6.54	93	102107	29.37	ng	96
12) 1,3-Dichlorobenzene	6.83	146	117205	33.32	ng	97
13) 1,4-Dichlorobenzene	6.83	146	117205	32.07	ng	97
14) 1,2-Dichlorobenzene	6.98	146	90248	27.31	ng	96
15) Benzyl Alcohol	6.96	79	104295	32.47	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.09	45	186215	26.62	ng	97
17) 2-Methylphenol	7.08	107	82979	29.33	ng	# 93
18) Hexachloroethane	7.32	117	38237	27.30	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	77779	27.11	ng	95
20) 3+4-Methylphenols	7.23	107	104477	29.40	ng	# 78
22) Acetophenone	7.22	105	161858	34.39	ng	# 91
24) Nitrobenzene	7.39	77	104806	25.06	ng	96
25) Isophorone	7.64	82	219865	28.15	ng	98
26) 2-Nitrophenol	7.71	139	48751	27.71	ng	87
27) 2,4-Dimethylphenol	7.76	122	87073	26.43	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	122357	26.10	ng	98
29) 2,4-Dichlorophenol	7.96	162	85211	31.48	ng	91
30) 1,2,4-Trichlorobenzene	8.04	180	104308	35.25	ng	98
31) Naphthalene	8.12	128	312078	29.47	ng	100
32) Benzoic acid	7.82	122	5682	2.88	ng	88
33) 4-Chloroaniline	8.17	127	38888	9.04	ng	95
34) Hexachlorobutadiene	8.24	225	44788	25.44	ng	99
35) Caprolactam	8.53	113	35468	36.42	ng	# 71
36) 4-Chloro-3-methylphenol	8.66	107	94660	28.66	ng	96
37) 2-Methylnaphthalene	8.81	142	176243	26.15	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	107905	37.43	ng	98
40) Hexachlorocyclopentadiene	8.97	237	31441	19.99	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

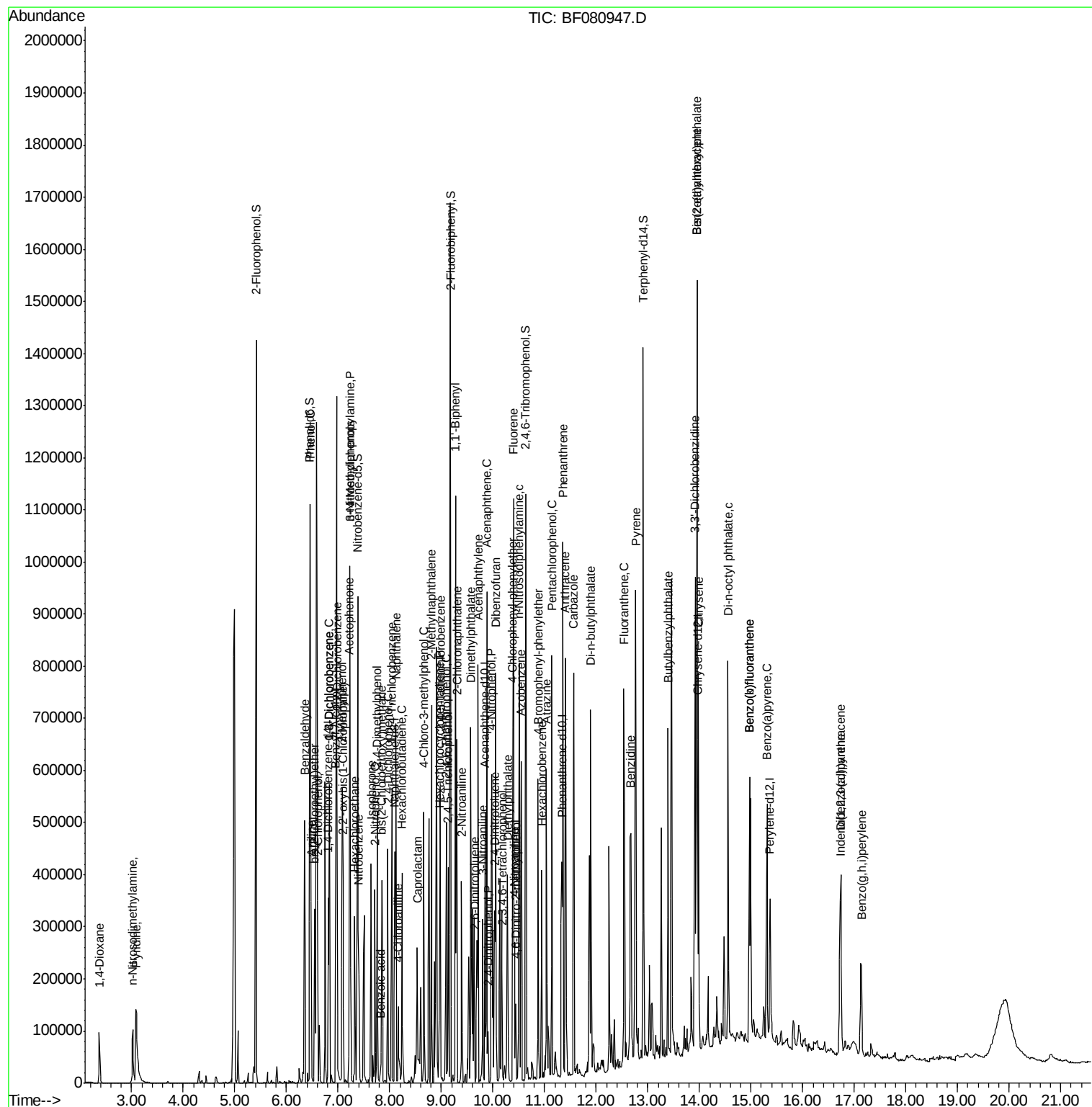
42) 2,4,6-Trichlorophenol	9.09	196	65463	30.98	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	60776	28.54	nq	# 73
45) 1,1'-Biphenyl	9.28	154	330392	41.17	nq	99
46) 2-Chloronaphthalene	9.30	162	186980	29.88	nq	98
47) 2-Nitroaniline	9.39	65	68682	27.37	nq	93
48) Acenaphthylene	9.71	152	311955	28.68	nq	100
49) Dimethylphthalate	9.57	163	287810	37.05	nq	100
50) 2,6-Dinitrotoluene	9.64	165	45627	28.43	nq	# 48
51) Acenaphthene	9.88	154	186285	27.96	nq	99
52) 3-Nitroaniline	9.80	138	35325	17.85	nq	99
53) 2,4-Dinitrophenol	9.90	184	9650	15.28	nq	91
54) Dibenzofuran	10.05	168	257900	28.63	nq	97
55) 4-Nitrophenol	9.97	139	82617	55.79	nq	# 53
56) 2,4-Dinitrotoluene	10.03	165	58266	27.13	nq	88
57) Fluorene	10.40	166	225889	32.41	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	44334	26.31	nq	# 89
59) Diethylphthalate	10.28	149	217880	26.95	nq	95
60) 4-Chlorophenyl-phenylether	10.38	204	87128	25.66	nq	93
61) 4-Nitroaniline	10.42	138	58960	28.96	nq	88
62) Azobenzene	10.54	77	257430	28.47	nq	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	14701	12.09	nq	94
65) n-Nitrosodiphenylamine	10.51	169	183522	26.92	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	54491	26.22	nq	93
67) Hexachlorobenzene	10.94	284	62794	27.18	nq	# 90
68) Atrazine	11.04	200	62883	31.46	nq	97
69) Pentachlorophenol	11.14	266	78348	58.31	nq	98
70) Phenanthrene	11.36	178	378473	34.06	nq	98
71) Anthracene	11.40	178	280465	25.50	nq	99
72) Carbazole	11.56	167	301490	28.15	nq	98
73) Di-n-butylphthalate	11.89	149	340994	25.46	nq	100
74) Fluoranthene	12.53	202	393337	32.75	nq	97
76) Benzidine	12.67	184	221137	41.50	nq	96
77) Pyrene	12.76	202	383908	41.51	nq	98
79) Butylbenzylphthalate	13.39	149	149044	33.43	nq	# 86
80) Benzo(a)anthracene	13.95	228	270582	34.21	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	168965	58.73	nq	# 97
82) Chrysene	13.99	228	213936	28.25	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	211461	34.08	nq	# 97
84) Di-n-octyl phthalate	14.56	149	311022	29.57	nq	97
85) Indeno(1,2,3-cd)pyrene	16.73	276	200119	27.77	nq	99
87) Benzo(b)fluoranthene	14.97	252	443726	57.54	nq	# 99
88) Benzo(k)fluoranthene	14.97	252	443726	65.77	nq	98
89) Benzo(a)pyrene	15.31	252	221389	33.40	nq	# 97
90) Dibenzo(a,h)anthracene	16.74	278	166532	28.41	nq	99
91) Benzo(g,h,i)perylene	17.14	276	157420	27.61	nq	# 94

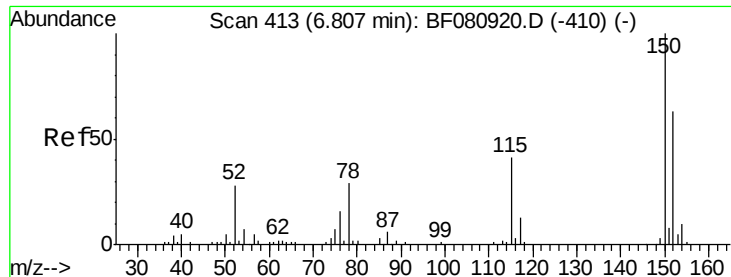
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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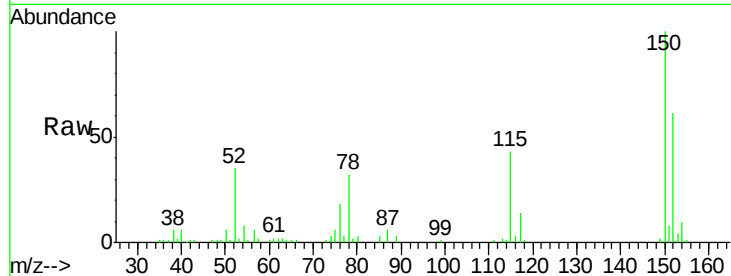


#1

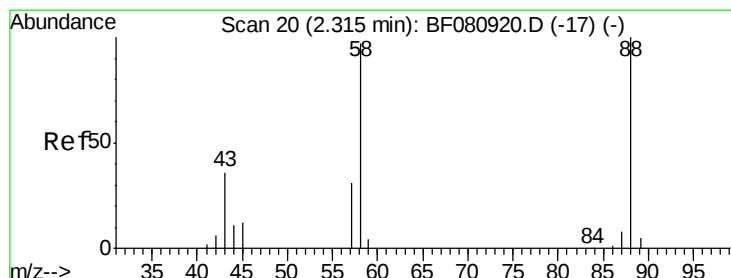
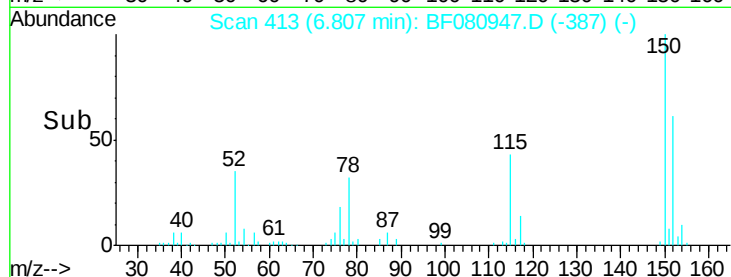
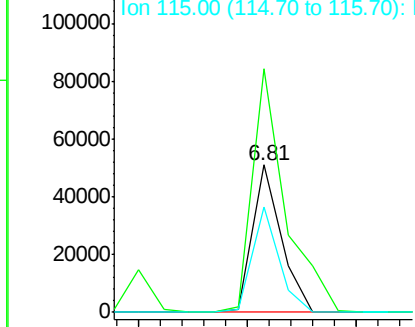
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 46799
Ion Ratio Lower Upper
152 100
150 165.2 127.4 191.2
115 71.4 52.6 78.8



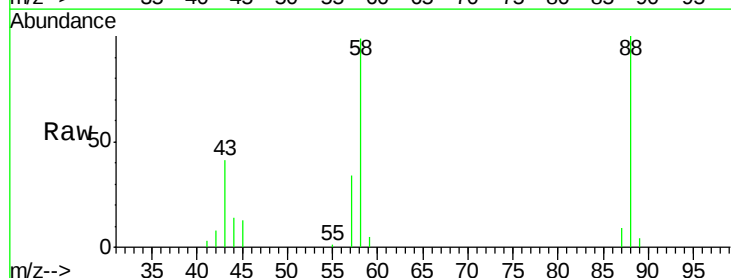
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



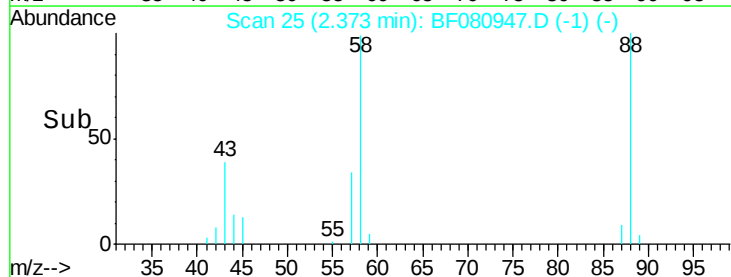
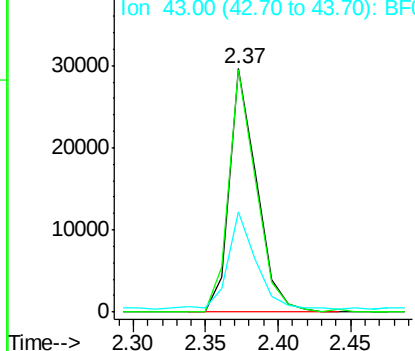
#2

1,4-Dioxane
Concen: 28.46 ng
RT: 2.37 min Scan# 25
Delta R.T. 0.06 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion: 88 Resp: 38665
Ion Ratio Lower Upper
88 100
58 100.6 79.3 118.9
43 39.8 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

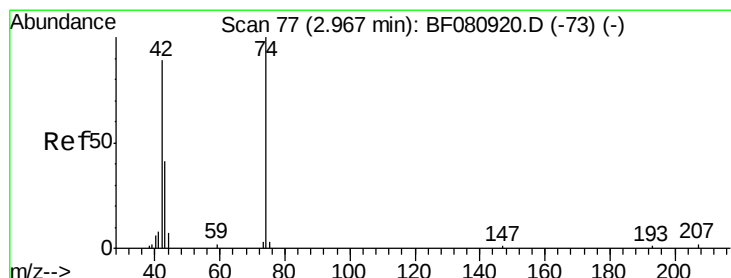
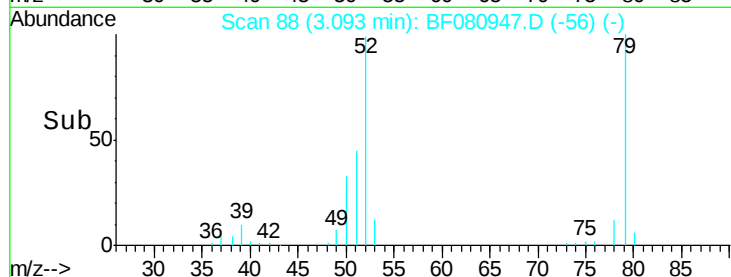
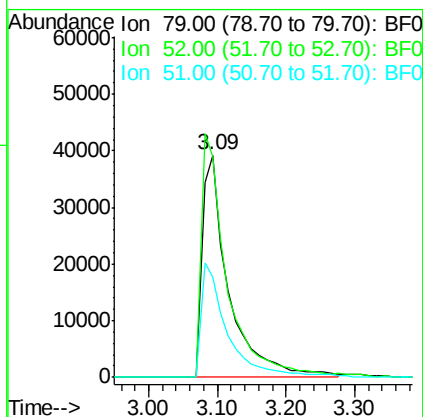
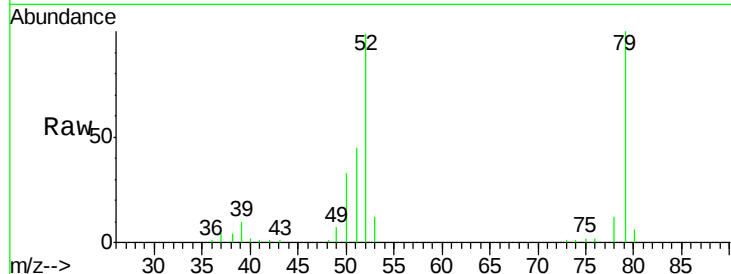




#3
Pvrindine
Concen: 27.15 ng
RT: 3.09 min Scan# 88
Delta R.T. 0.07 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

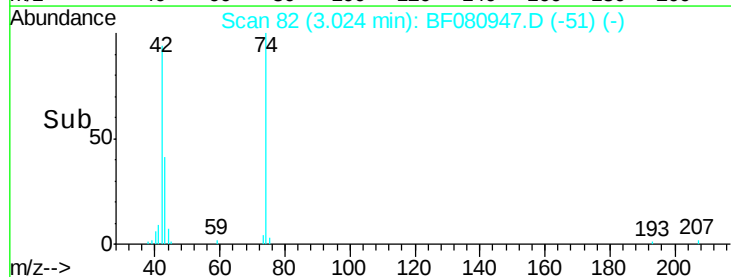
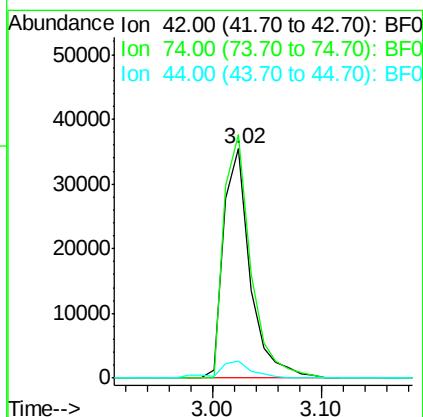
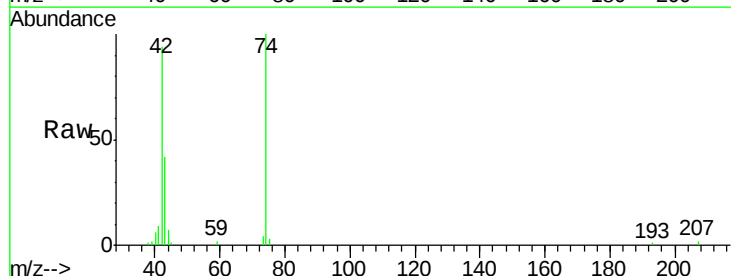
Instrument :
BNA_F
ClientSampleId :

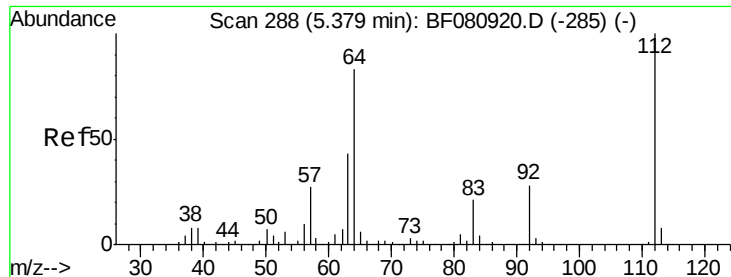
Tot Ion: 79 Resp: 104605
Ion Ratio Lower Upper
79 100
52 99.1 77.2 115.8
51 45.3 35.0 52.4



#4
n-Nitrosodimethylamine
Concen: 30.57 ng
RT: 3.02 min Scan# 82
Delta R.T. 0.06 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion: 42 Resp: 60116
Ion Ratio Lower Upper
42 100
74 106.4 89.8 134.8
44 7.5 6.5 9.7





#5

2-Fluorophenol

Concen: 130.68 ng

RT: 5.41 min Scan# 291

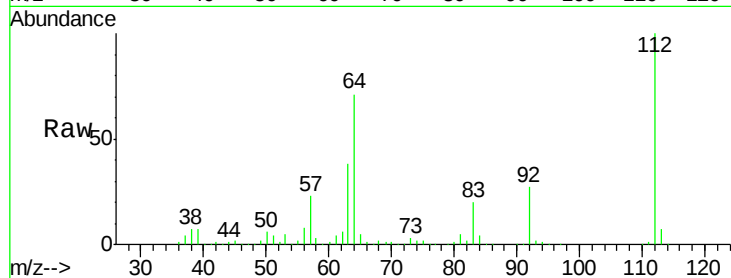
Delta R.T. 0.03 min

Lab File: BF080947.D

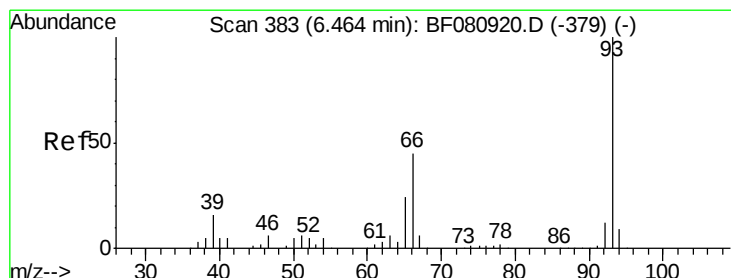
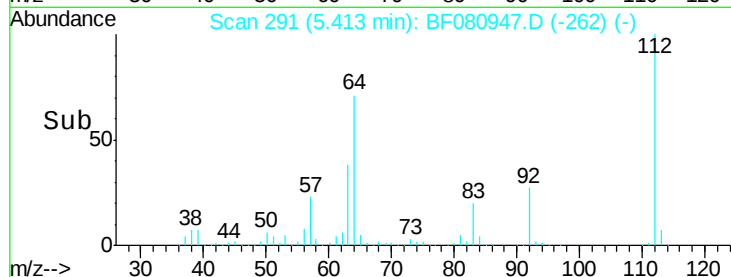
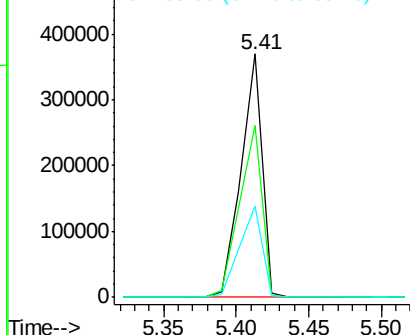
Acq: 8 Aug 2015 3:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	374302
Ion	Ratio	Lower	Upper
112	100		
64	70.7	66.1	99.1
63	37.7	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: 13.57 ng

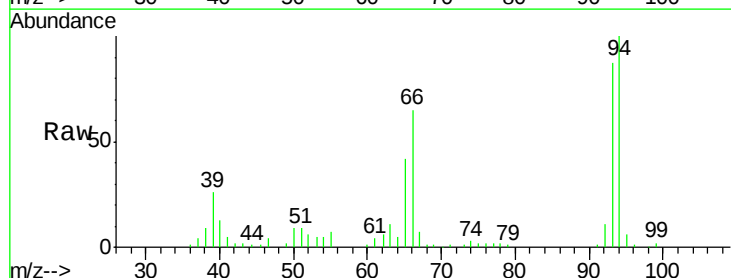
RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

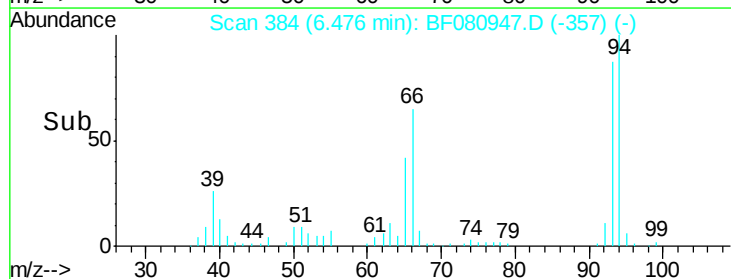
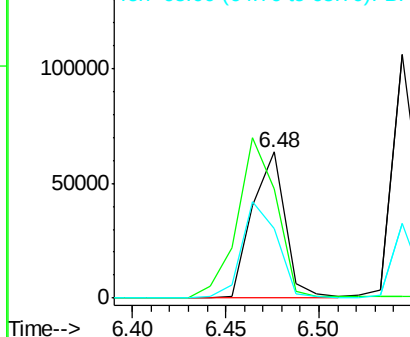
Lab File: BF080947.D

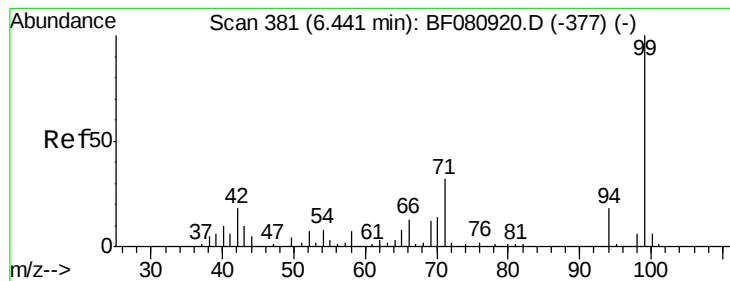
Acq: 8 Aug 2015 3:40

Tgt Ion:	93	Resp:	78238
Ion	Ratio	Lower	Upper
93	100		
66	74.6	36.2	54.4#
65	47.8	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: 126.20 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

Instrument :

BNA_F

ClientSampleId :

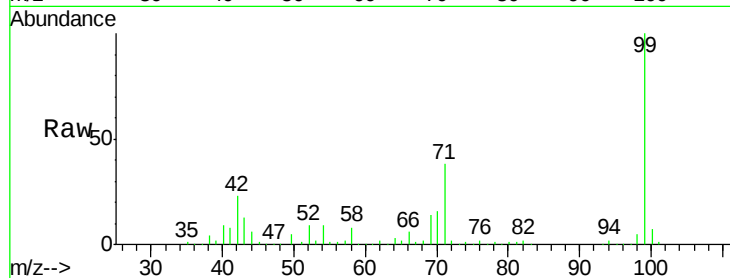
Tot Ion: 99 Resp: 495322

Ion Ratio Lower Upper

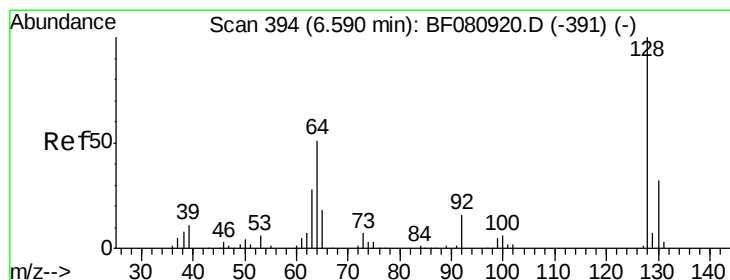
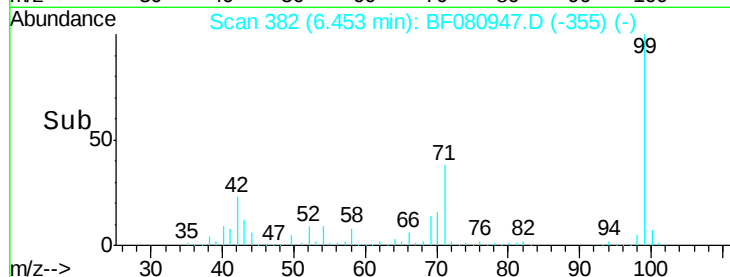
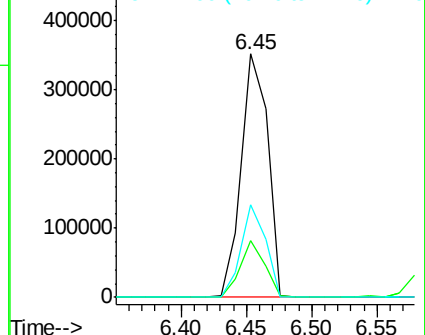
99 100

42 23.5 14.4 21.6#

71 38.1 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: 29.38 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

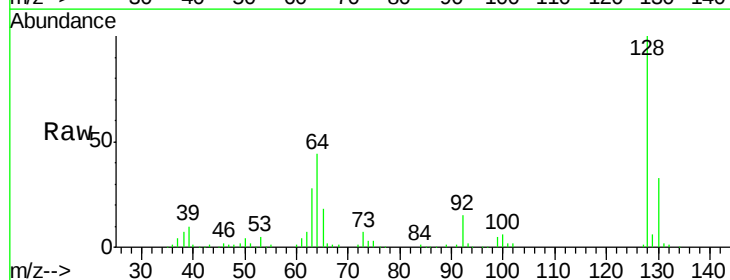
Tgt Ion: 128 Resp: 97374

Ion Ratio Lower Upper

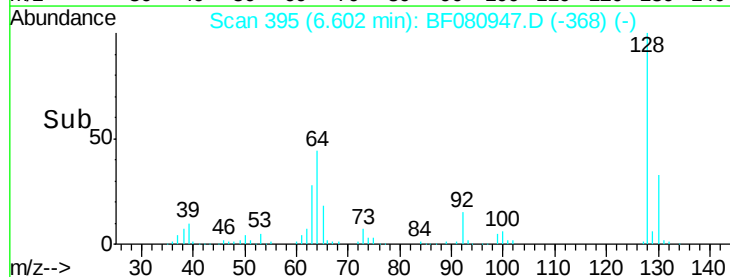
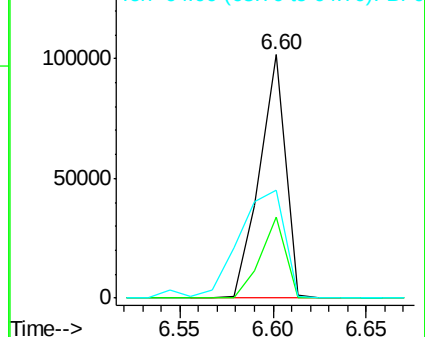
128 100

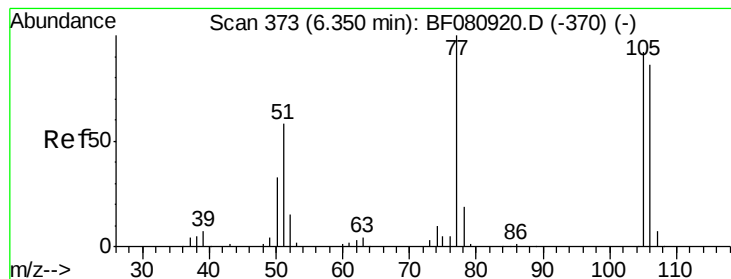
130 33.1 12.4 52.4

64 44.2 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: 35.83 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

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Acq: 8 Aug 2015 3:40

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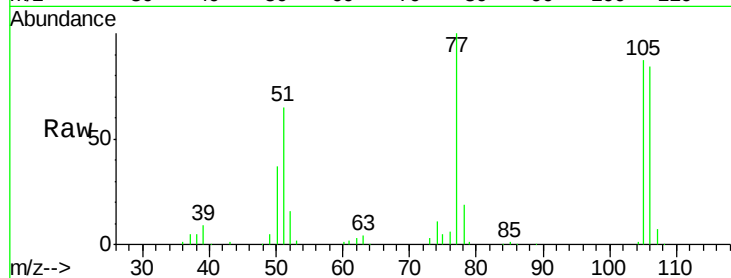
Tot Ion: 77 Resp: 94799

Ion Ratio Lower Upper

77 100

105 87.3 71.6 111.6

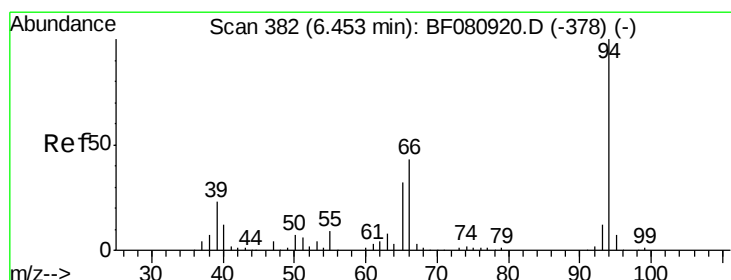
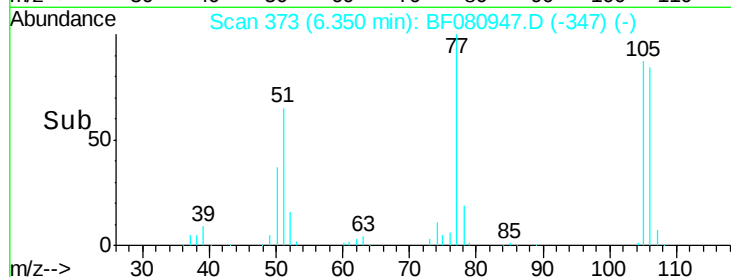
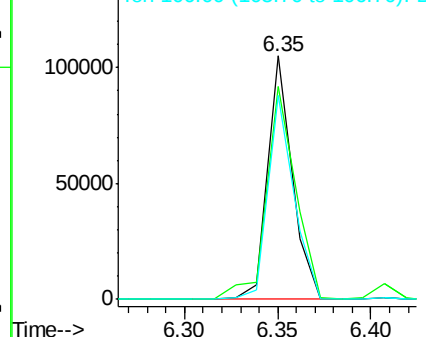
106 83.6 65.7 105.7



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: 23.86 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

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Acq: 8 Aug 2015 3:40

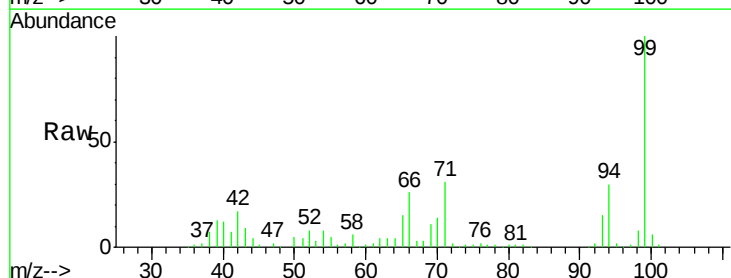
Tgt Ion: 94 Resp: 111099

Ion Ratio Lower Upper

94 100

65 52.0 11.8 51.8#

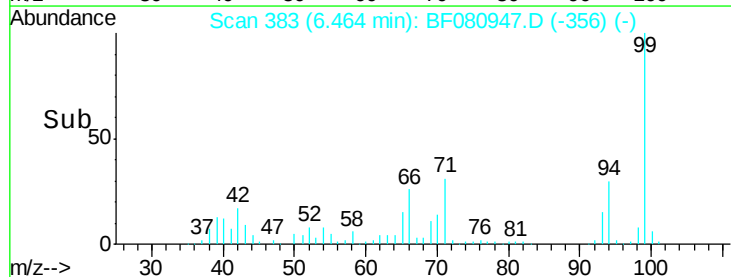
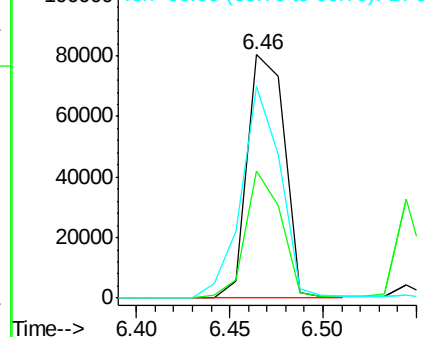
66 86.8 22.9 62.9#

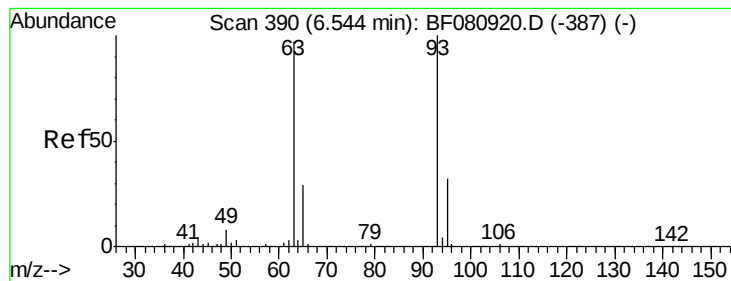


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

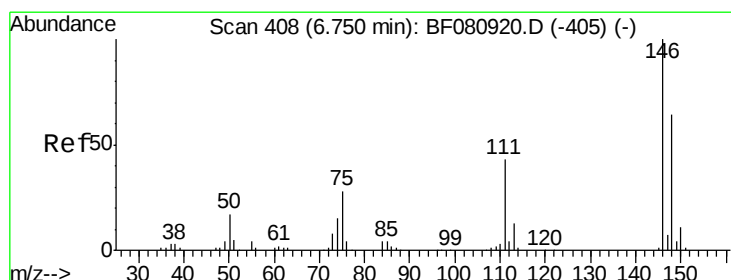
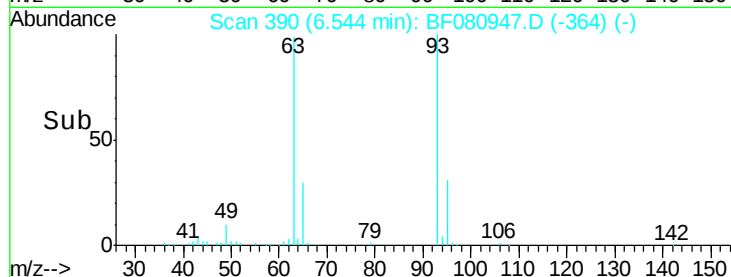
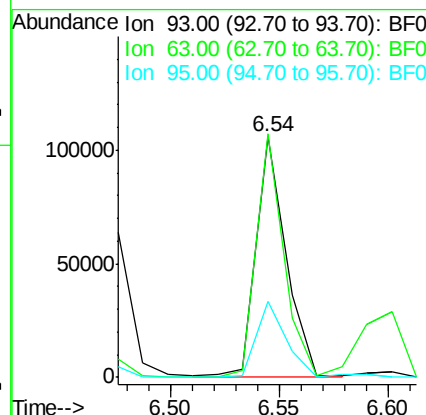
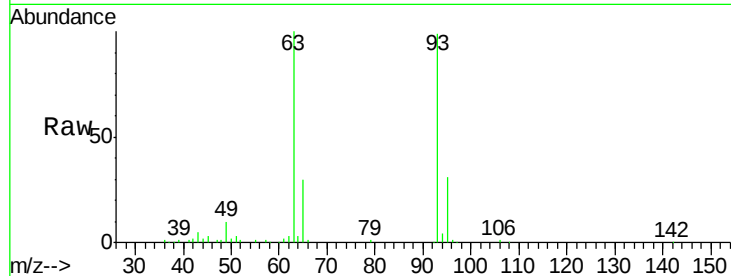




#11
bis(2-Chloroethyl)ether
Concen: 29.37 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

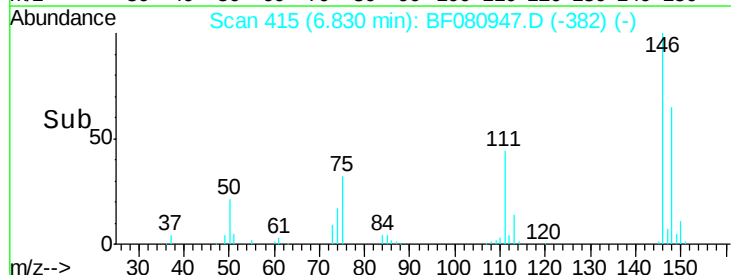
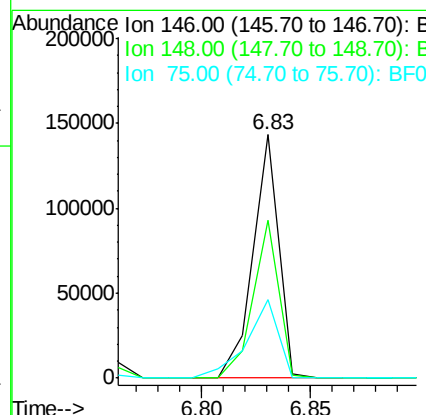
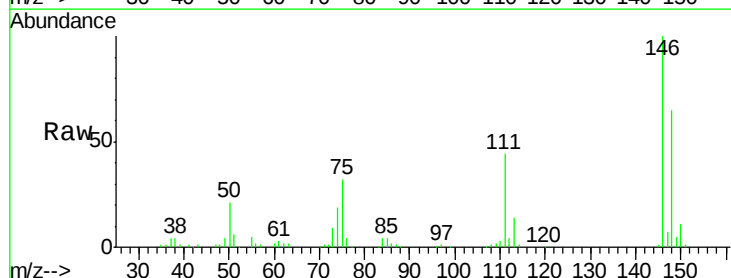
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 102107
Ion Ratio Lower Upper
93 100
63 101.0 76.7 116.7
95 31.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 33.32 ng
RT: 6.83 min Scan# 415
Delta R.T. 0.08 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion: 146 Resp: 117205
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
75 32.3 22.2 33.4

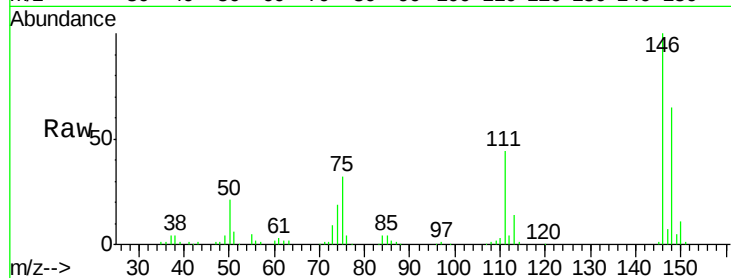




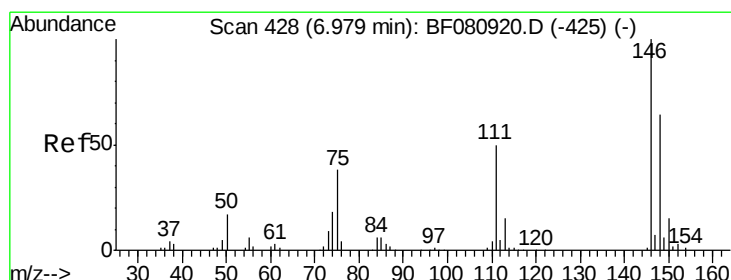
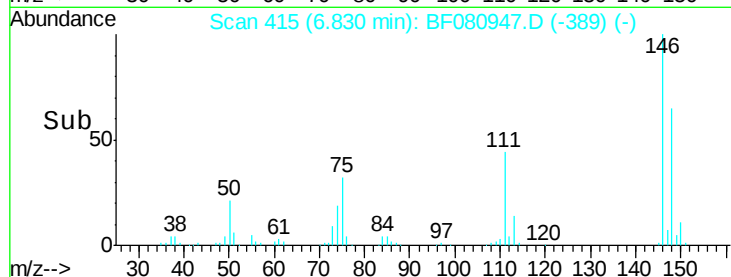
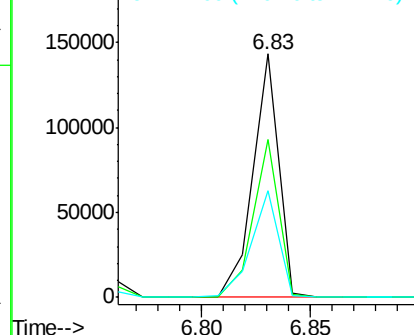
#13
 1,4-Dichlorobenzene
 Concen: 32.07 ng
 RT: 6.83 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 117205
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.4
 111 43.8 31.5 47.3

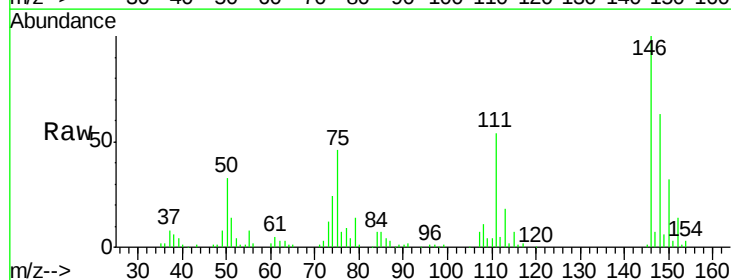


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

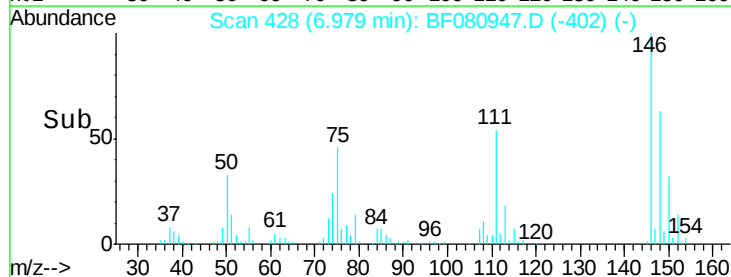
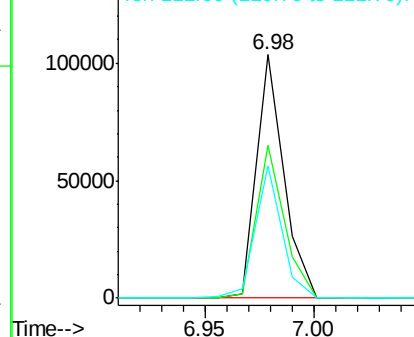


#14
 1,2-Dichlorobenzene
 Concen: 27.31 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Tgt Ion:146 Resp: 90248
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.1 76.7
 111 54.3 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

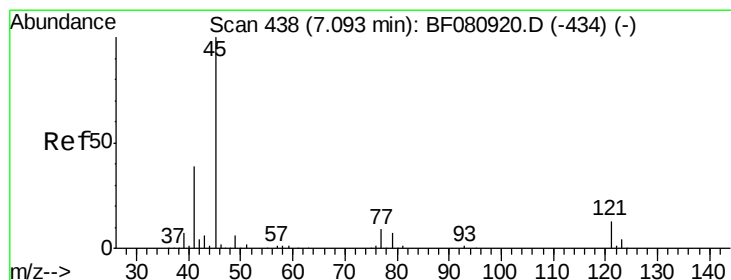
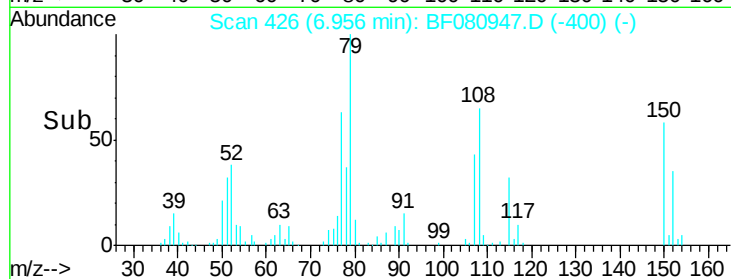
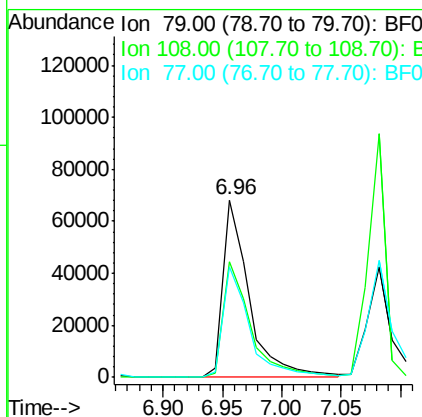
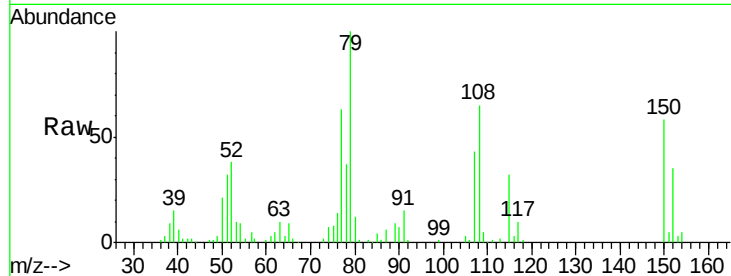




#15
Benzyl Alcohol
Concen: 32.47 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

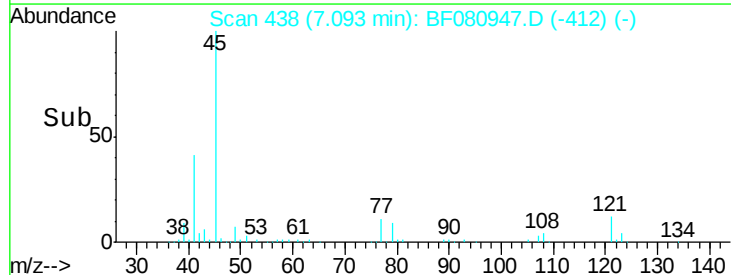
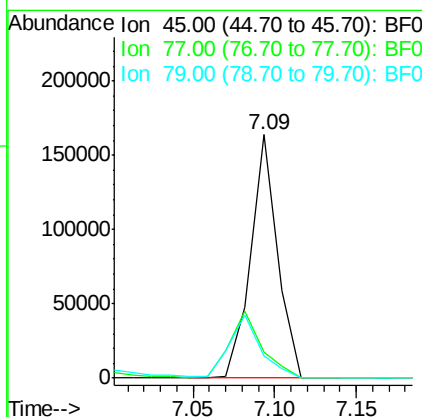
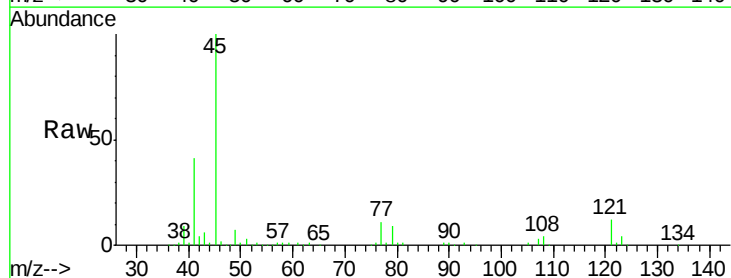
Instrument :
BNA_F
ClientSampled :

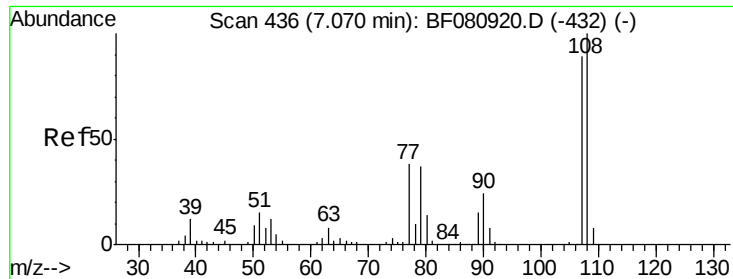
Tot Ion: 79 Resp: 104295
Ion Ratio Lower Upper
79 100
108 65.2 60.9 91.3
77 62.7 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.62 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion: 45 Resp: 186215
Ion Ratio Lower Upper
45 100
77 10.9 0.0 29.6
79 8.9 0.0 27.7

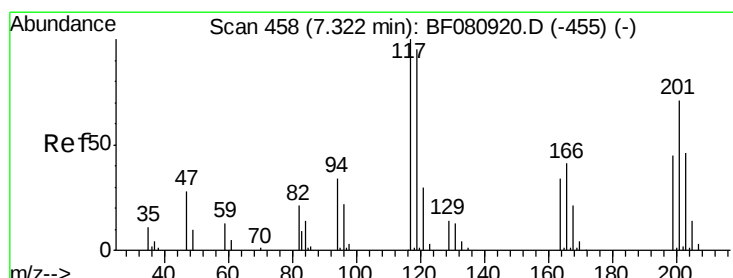
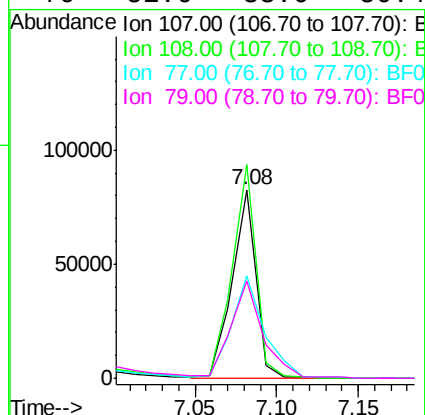
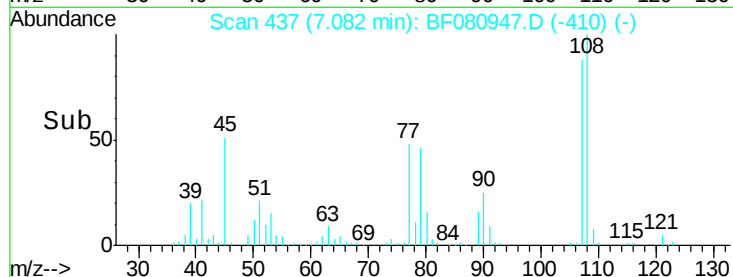
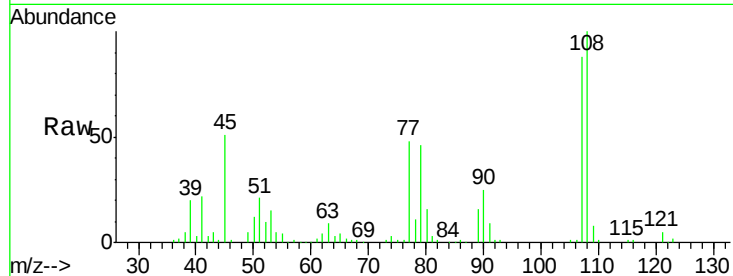




#17
2-Methylphenol
Concen: 29.33 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.01 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

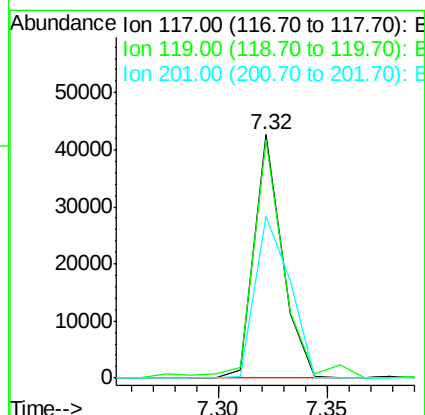
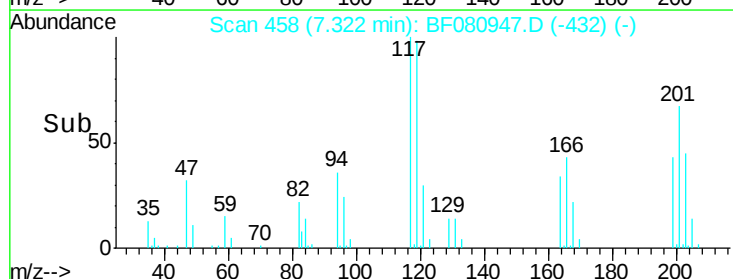
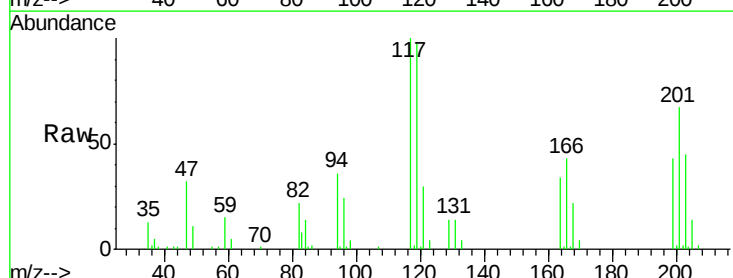
Instrument :
BNA_F
ClientSampleId :

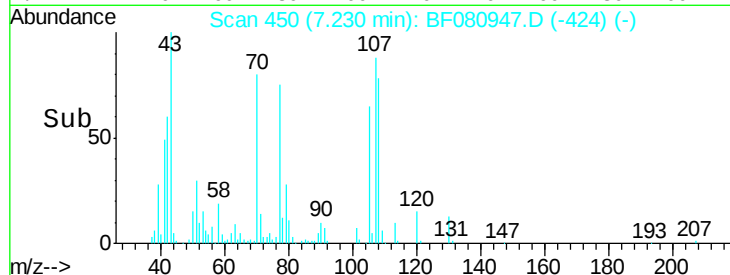
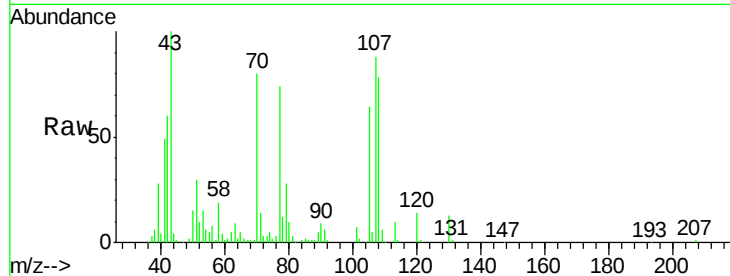
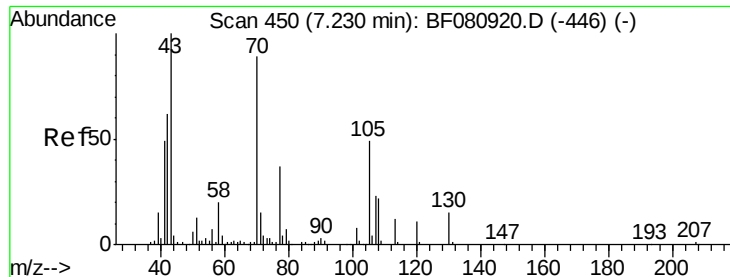
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.3	135.5
77	54.4	34.6	51.8#
79	51.6	33.6	50.4#



#18
Hexachloroethane
Concen: 27.30 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	76.3	114.5
201	66.7	57.0	85.6

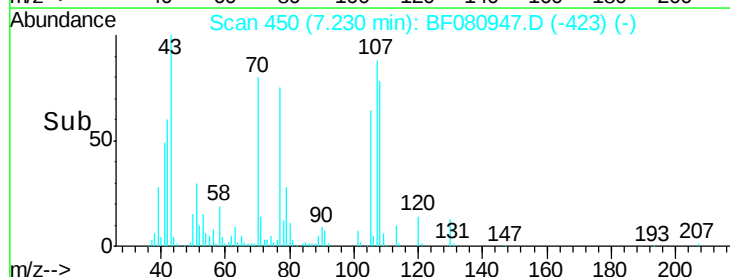
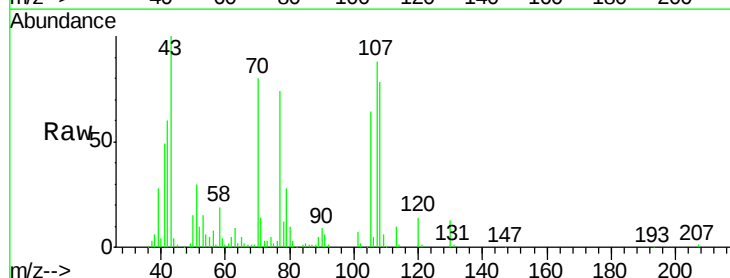
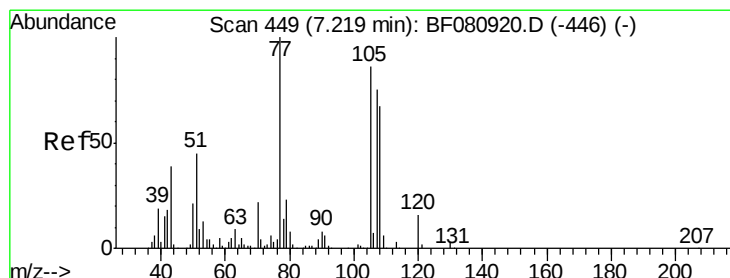
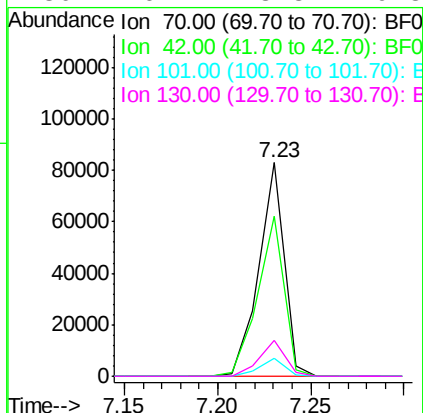




#19
n-Nitroso-di-n-propylamine
Concen: 27.11 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

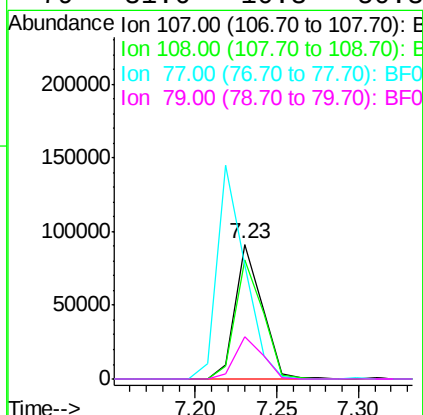
Instrument :
BNA_F
ClientSampleId :

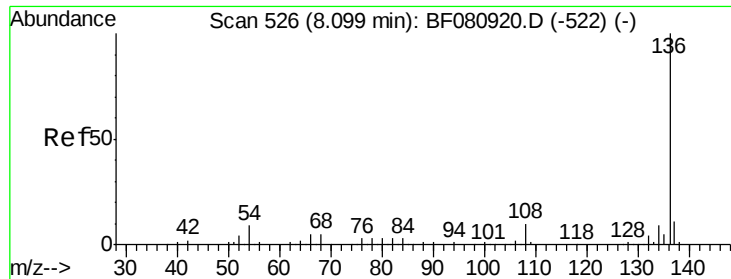
Tot Ion: 70 Resp: 77779
Ion Ratio Lower Upper
70 100
42 74.7 55.7 83.5
101 8.6 7.0 10.6
130 16.7 13.8 20.8



#20
3+4-Methylphenols
Concen: 29.40 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion: 107 Resp: 104477
Ion Ratio Lower Upper
107 100
108 88.5 69.2 109.2
77 84.8 113.0 153.0#
79 31.6 10.3 50.3

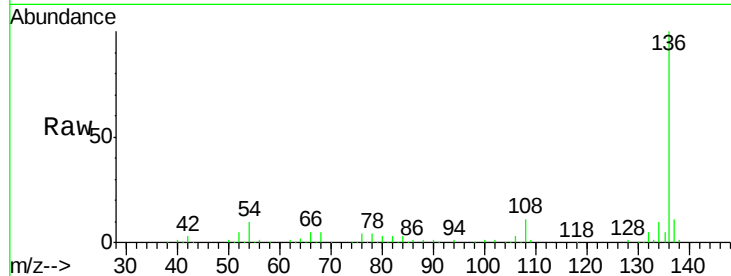




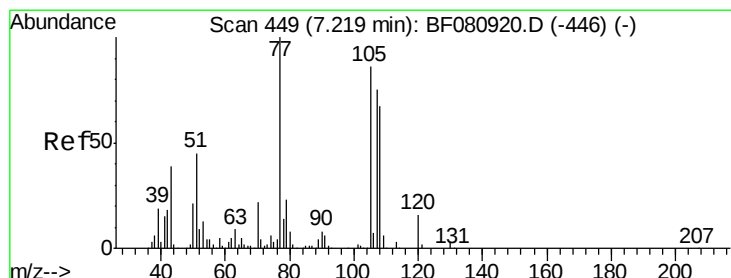
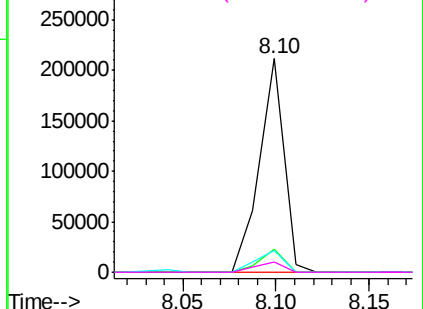
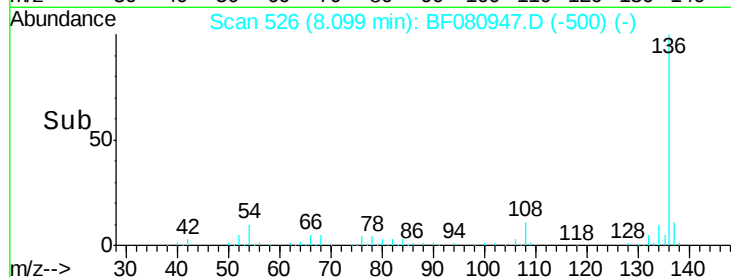
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	192107
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	10.1	7.1 10.7
68	5.0	3.8 5.8

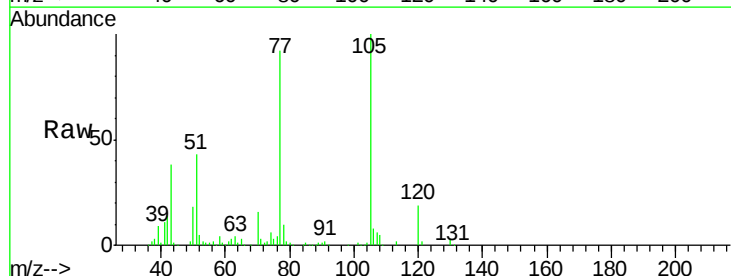


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

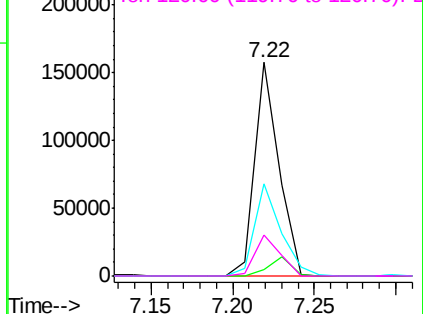
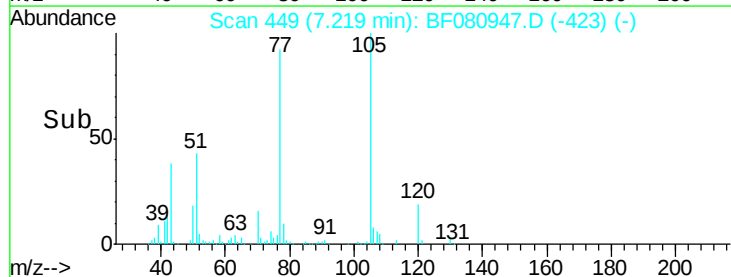


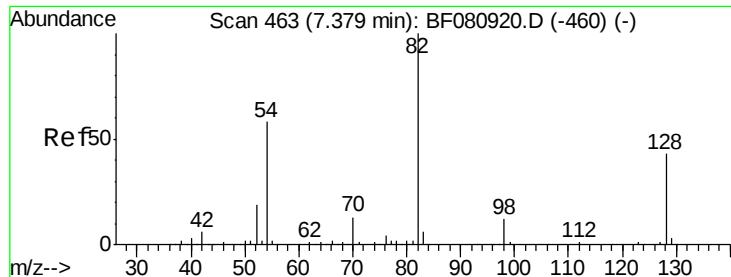
#22
Acetophenone
Concen: 34.39 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion:105	Resp:	161858
Ion Ratio	Lower	Upper
105	100	
71	2.9	3.3 4.9#
51	43.1	41.8 62.6
120	19.0	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

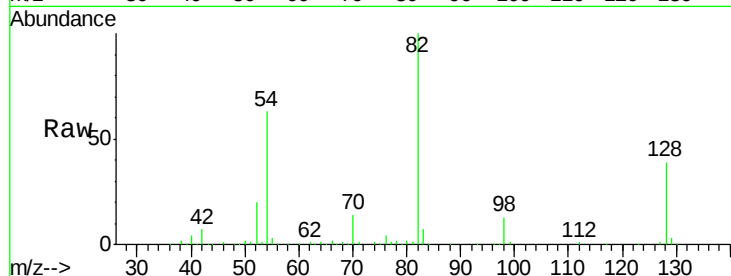




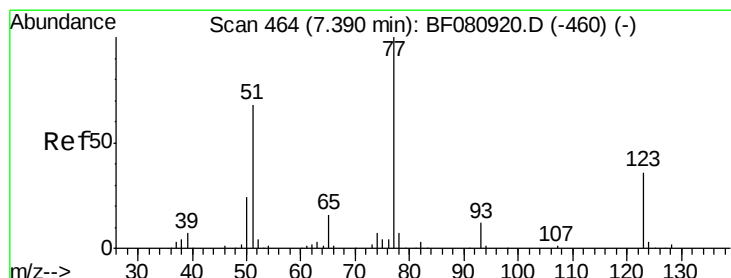
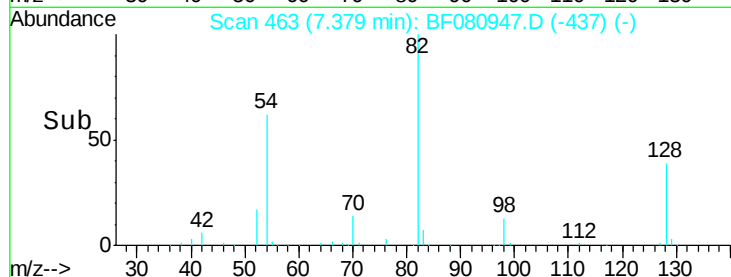
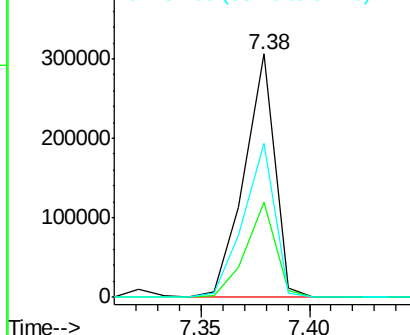
#23
 Nitrobenzene-d5
 Concen: 73.83 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	34.1	51.1
54	63.1	46.5	69.7

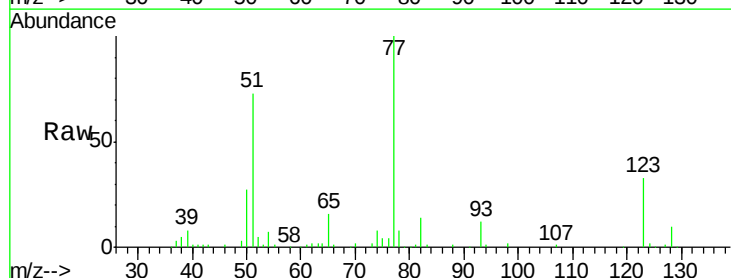


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

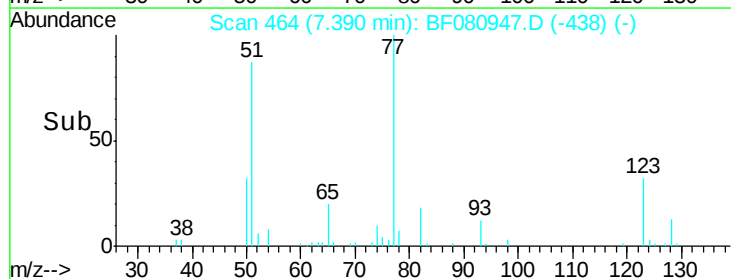
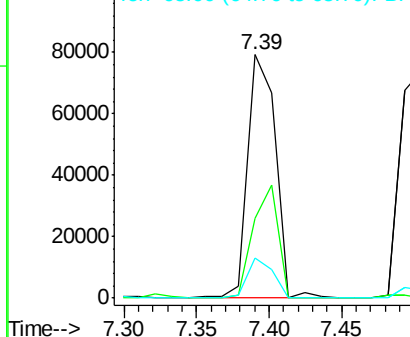


#24
 Nitrobenzene
 Concen: 25.06 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.9	28.7	43.1
65	16.4	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: 28.15 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

Instrument :

BNA_F

ClientSampleId :

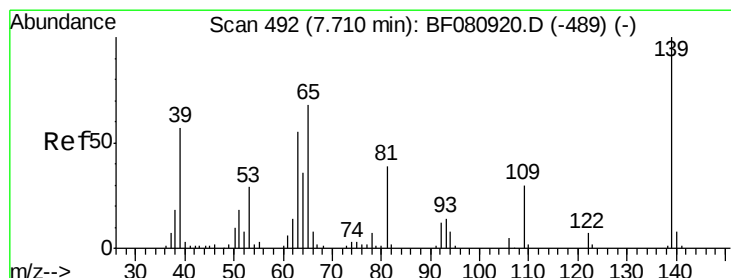
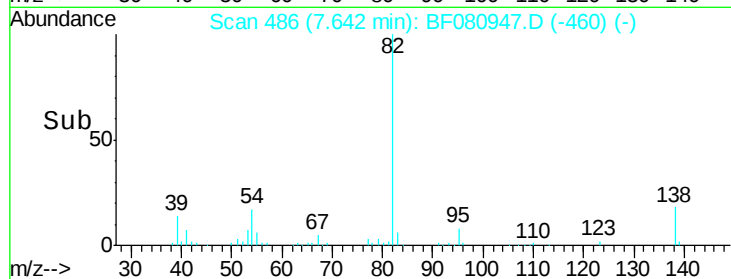
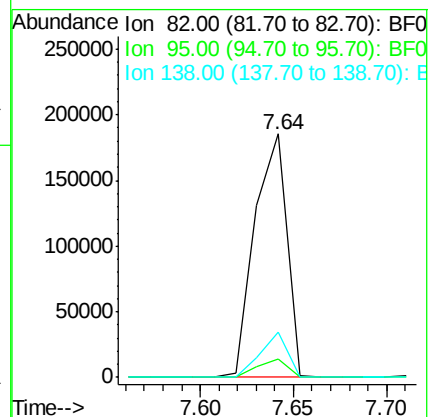
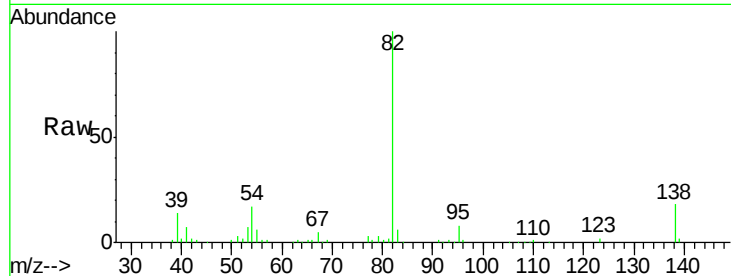
Tot Ion: 82 Resp: 219865

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.6

138 18.5 14.1 21.1



#26

2-Nitrophenol

Concen: 27.71 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

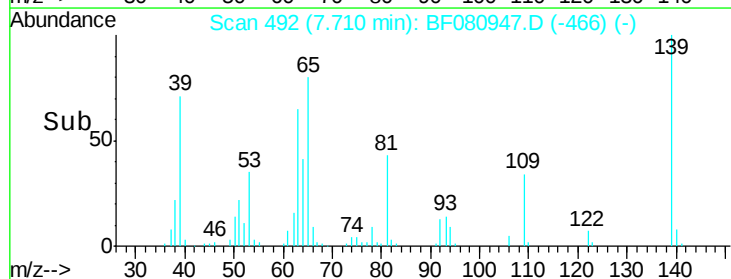
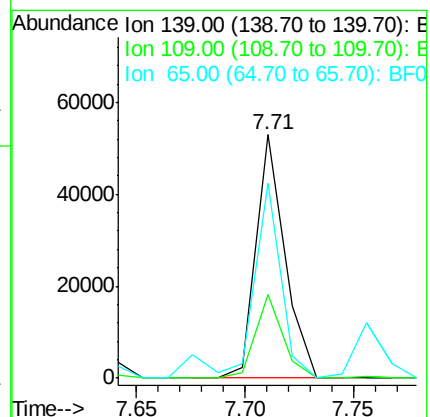
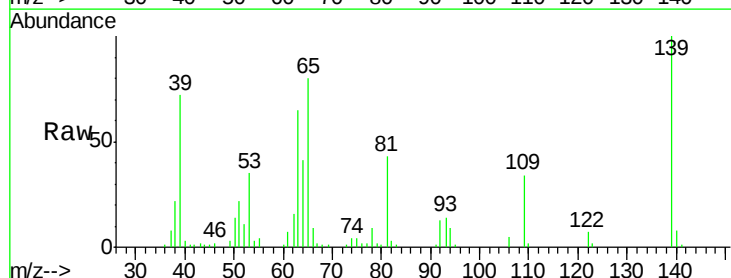
Tgt Ion: 139 Resp: 48751

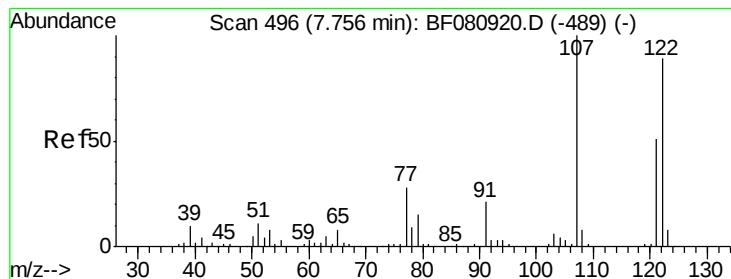
Ion Ratio Lower Upper

139 100

109 34.4 24.1 36.1

65 80.3 54.0 81.0

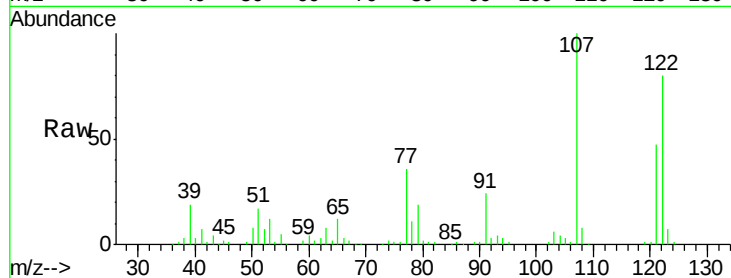




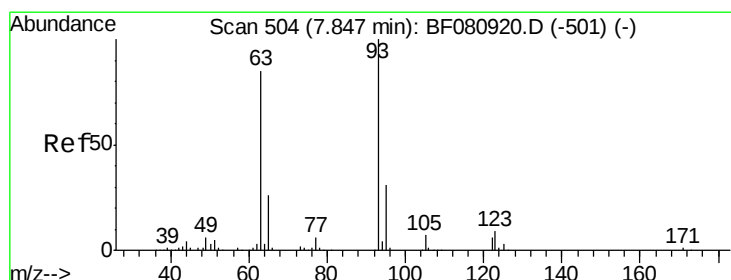
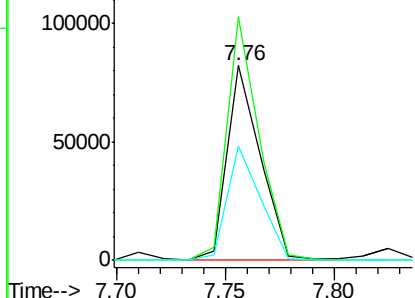
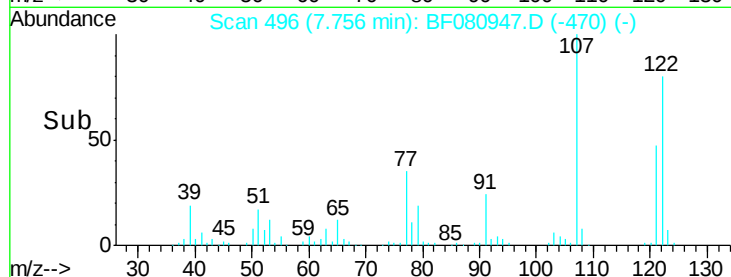
#27
 2,4-Dimethylphenol
 Concen: 26.43 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 87073
 Ion Ratio Lower Upper
 122 100
 107 124.9 90.2 135.4
 121 58.5 46.0 69.0

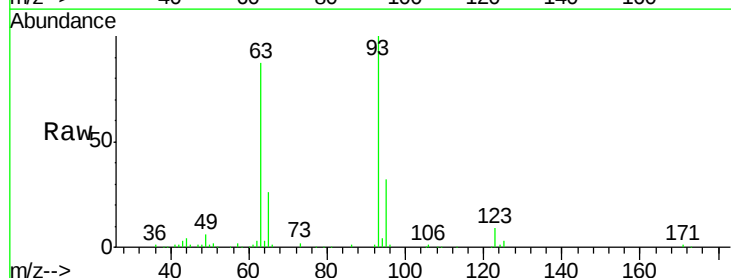


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

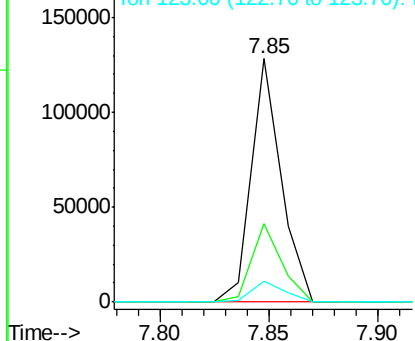
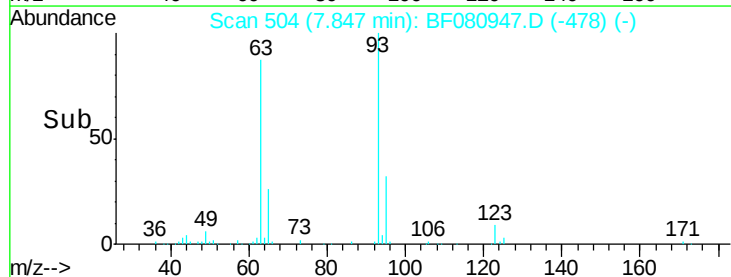


#28
 bis(2-Chloroethoxy)methane
 Concen: 26.10 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Tgt Ion: 93 Resp: 122357
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.0 37.4
 123 8.7 7.4 11.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

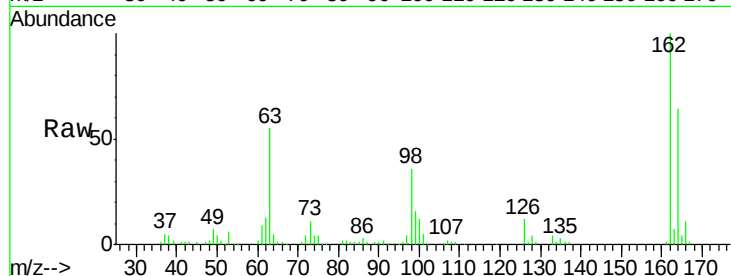




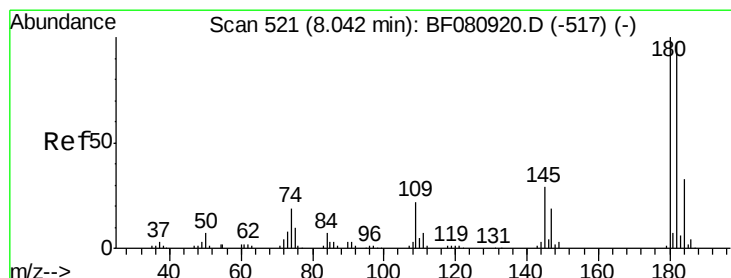
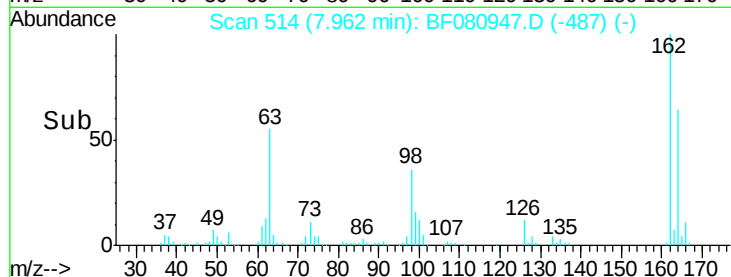
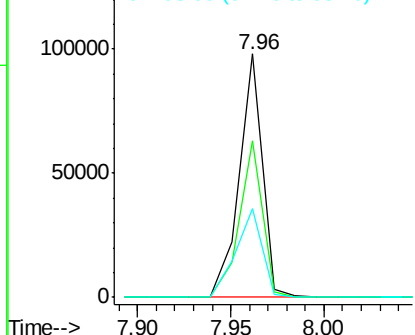
#29
2,4-Dichlorophenol
Concen: 31.48 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.01 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 85211
Ion Ratio Lower Upper
162 100
164 64.1 42.3 82.3
98 36.3 27.7 67.7

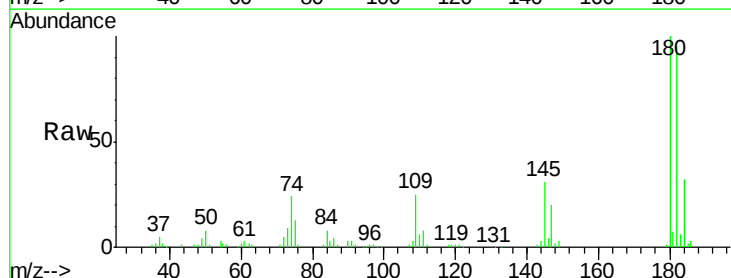


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

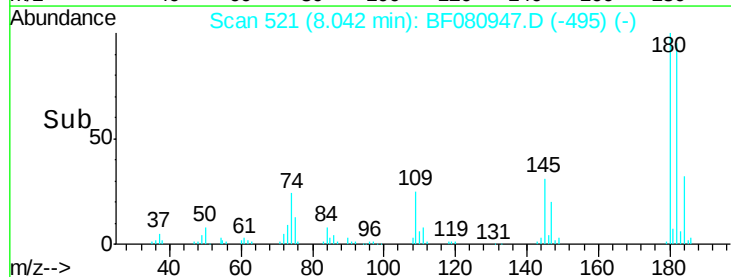
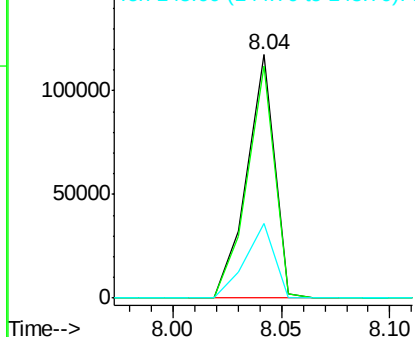


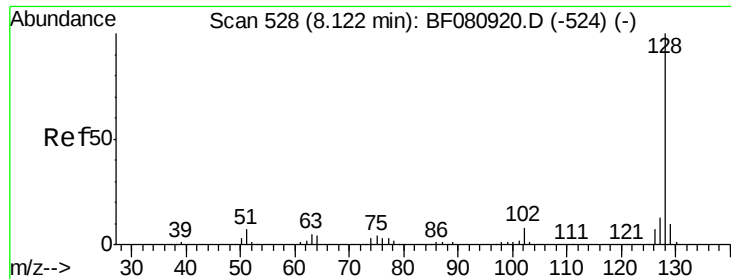
#30
1,2,4-Trichlorobenzene
Concen: 35.25 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion:180 Resp: 104308
Ion Ratio Lower Upper
180 100
182 95.4 77.4 116.0
145 30.8 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

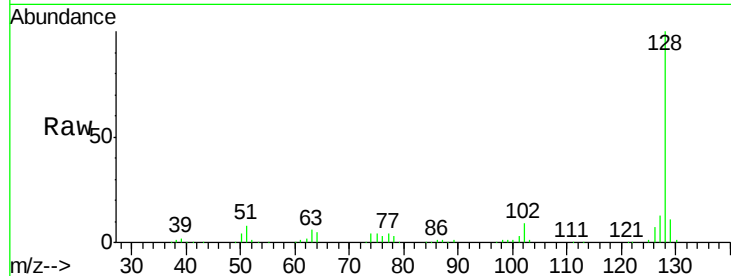




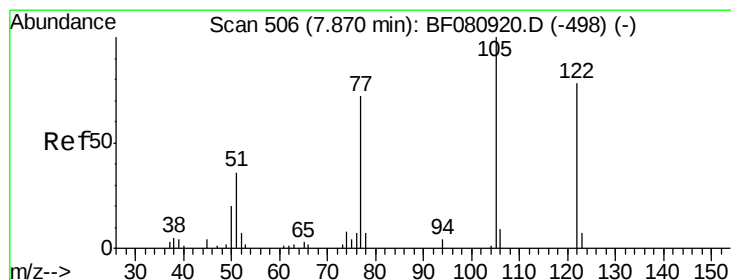
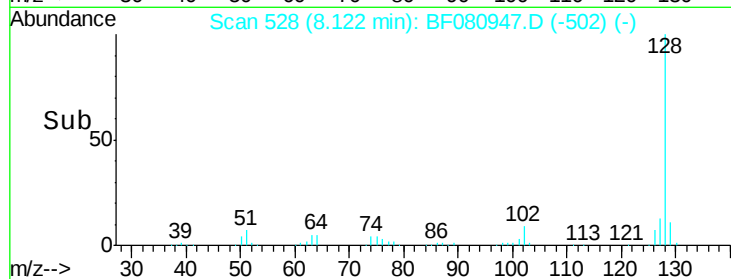
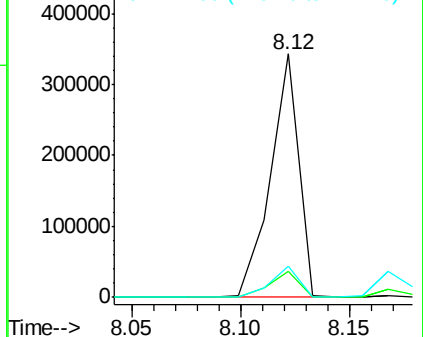
#31
Naphthalene
Concen: 29.47 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 312078
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 13.0 10.5 15.7

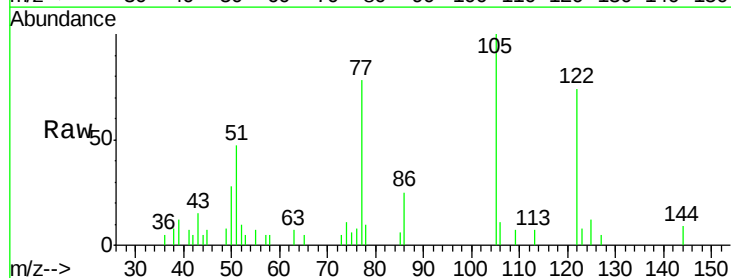


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

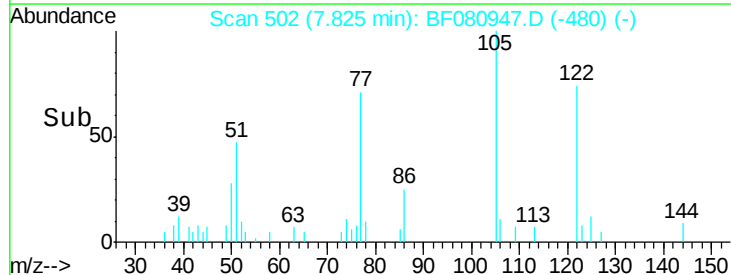
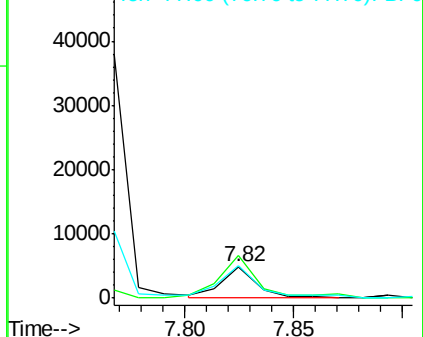


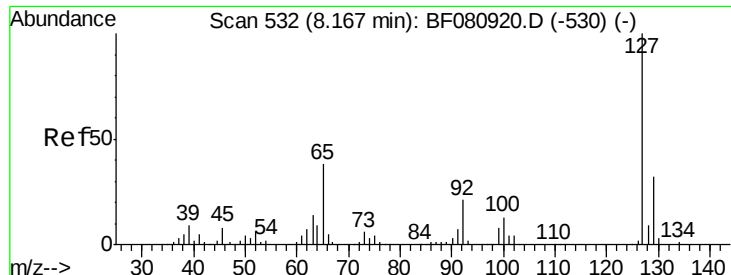
#32
Benzoic acid
Concen: 2.88 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.05 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion:122 Resp: 5682
Ion Ratio Lower Upper
122 100
105 135.1 103.6 143.6
77 105.0 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

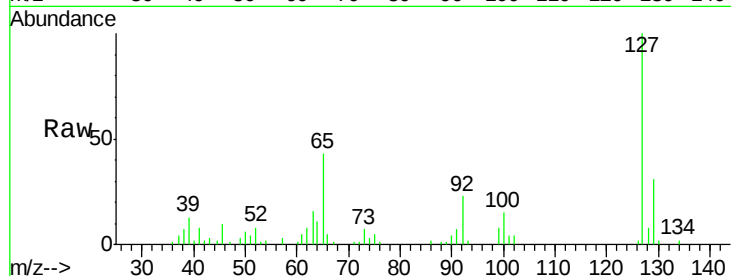




#33
4-Chloroaniline
Concen: 9.04 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	38888
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	42.7	30.6	45.8
92	23.4	16.9	25.3

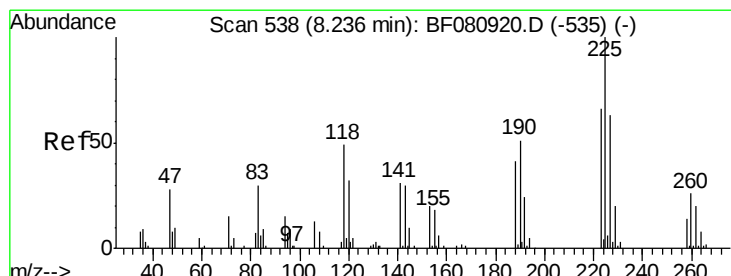
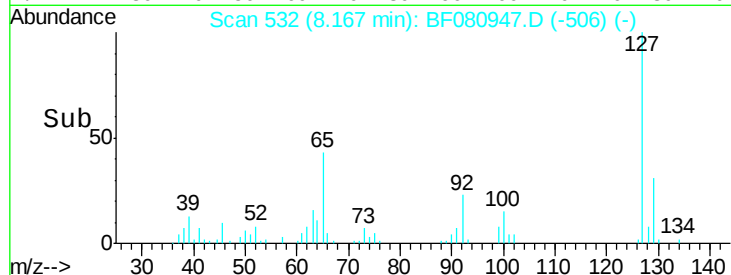
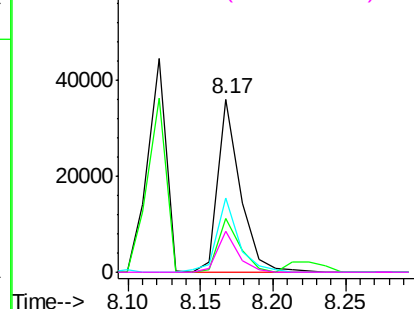


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

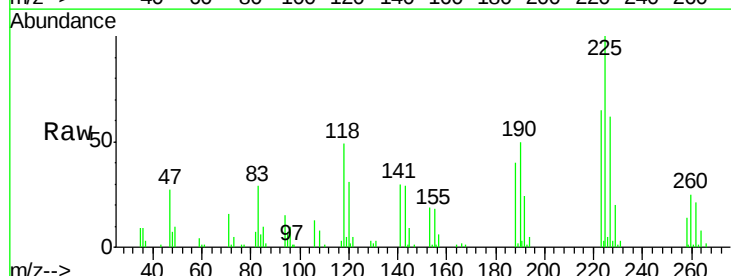
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 25.44 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

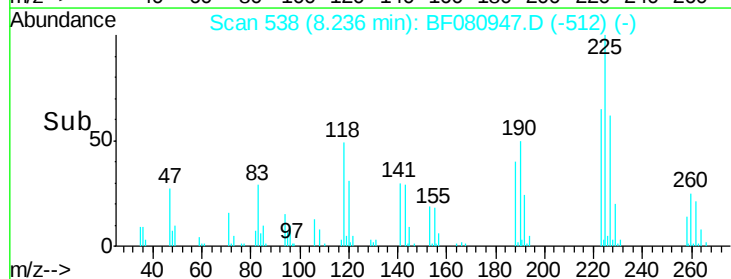
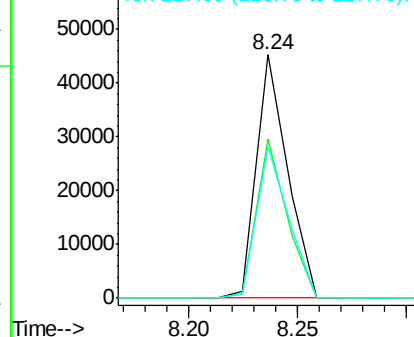
Tgt Ion:	225	Resp:	44788
Ion	Ratio	Lower	Upper
225	100		
223	65.2	52.5	78.7
227	62.1	50.3	75.5

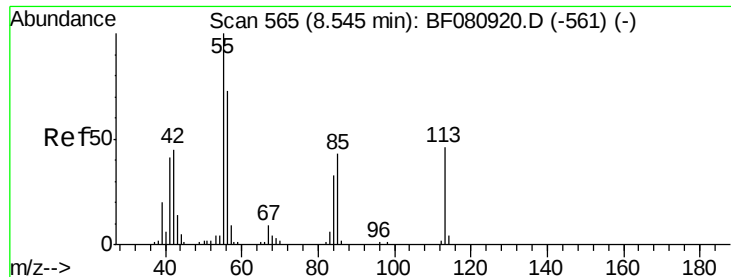


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

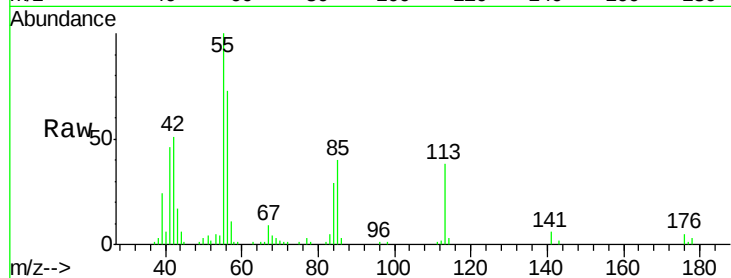




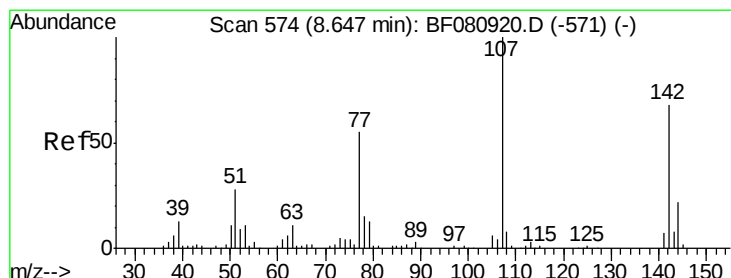
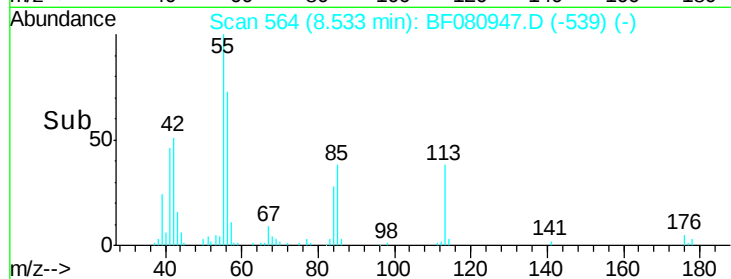
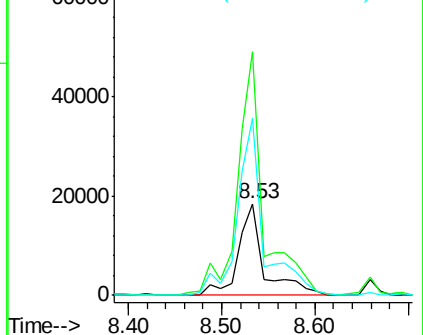
#35
Caprolactam
Concen: 36.42 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 35468
Ion Ratio Lower Upper
113 100
55 264.9 196.4 236.4#
56 192.2 137.9 177.9#

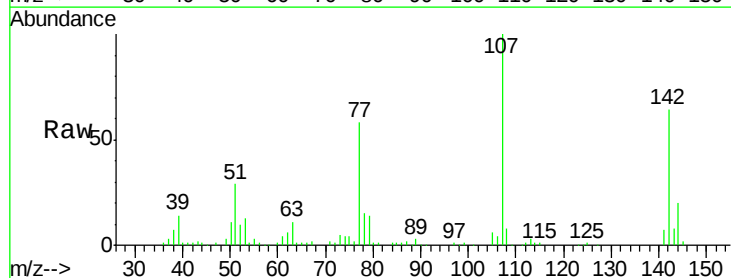


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

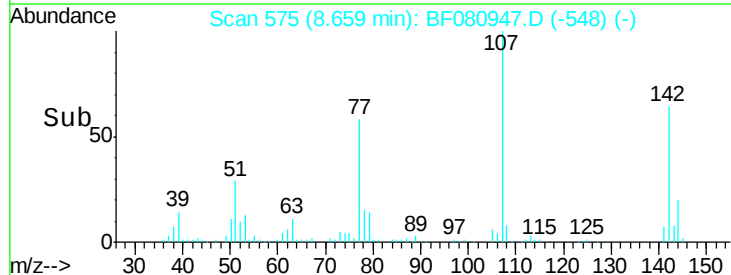
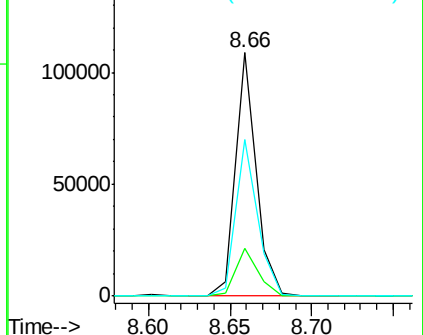


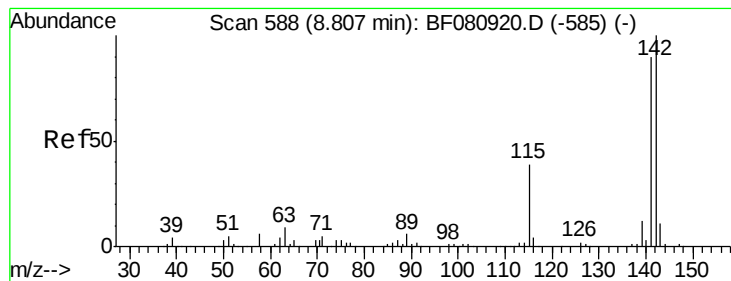
#36
4-Chloro-3-methylphenol
Concen: 28.66 ng
RT: 8.66 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion:107 Resp: 94660
Ion Ratio Lower Upper
107 100
144 19.7 17.3 25.9
142 64.4 54.4 81.6



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





#37

2-Methylnaphthalene

Concen: 26.15 ng

RT: 8.81 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

Instrument :

BNA_F

ClientSampled :

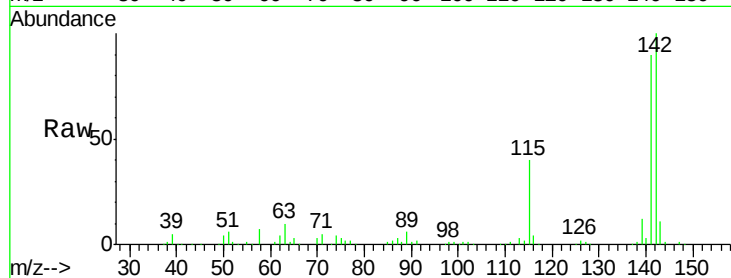
Tot Ion:142 Resp: 176243

Ion Ratio Lower Upper

142 100

141 90.4 71.7 107.5

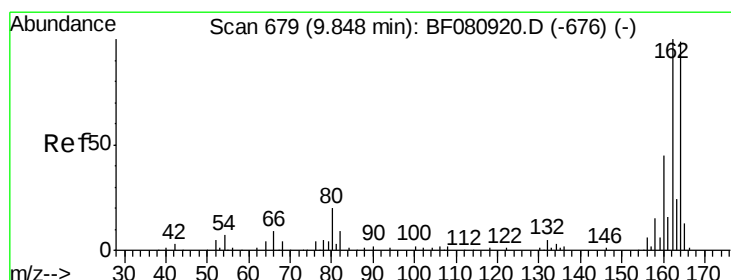
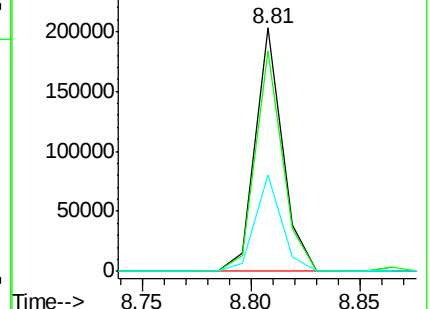
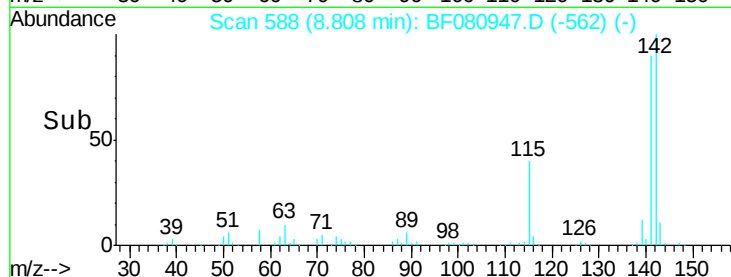
115 39.5 30.9 46.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

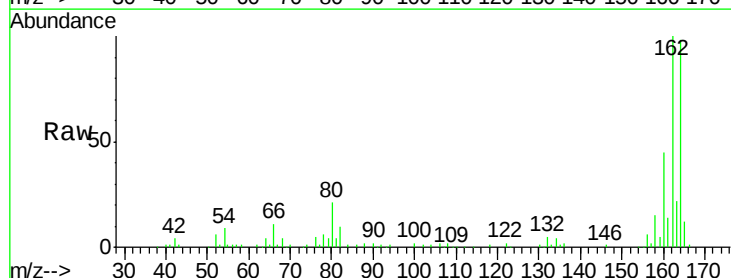
Tgt Ion:164 Resp: 93516

Ion Ratio Lower Upper

164 100

162 102.2 80.5 120.7

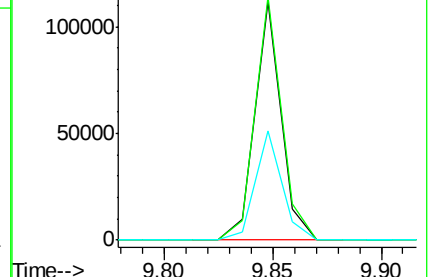
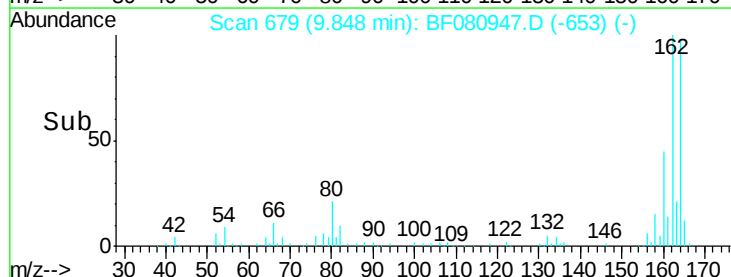
160 46.0 36.6 54.8

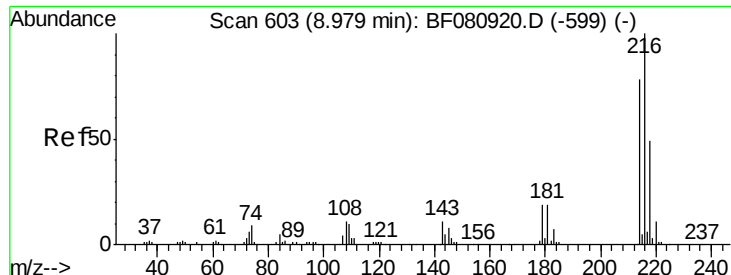


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

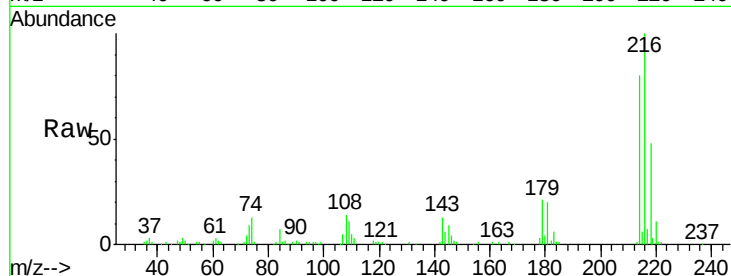




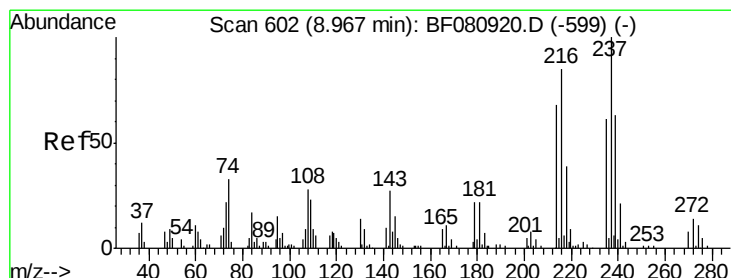
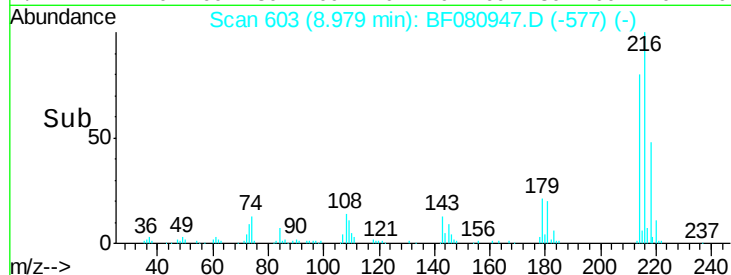
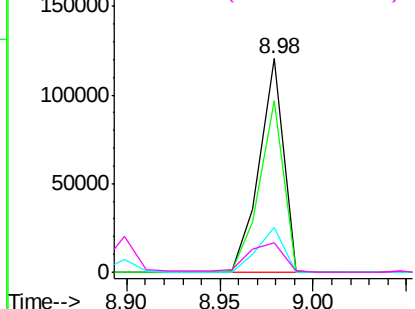
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.43 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	107905
Ion Ratio	Lower	Upper
216	100	
214	80.2	63.0 94.4
179	22.7	17.2 25.8
108	20.2	16.1 24.1

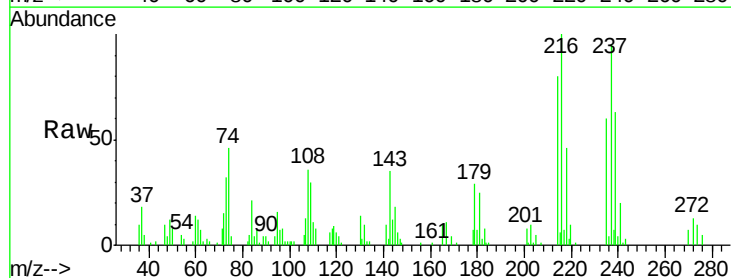


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

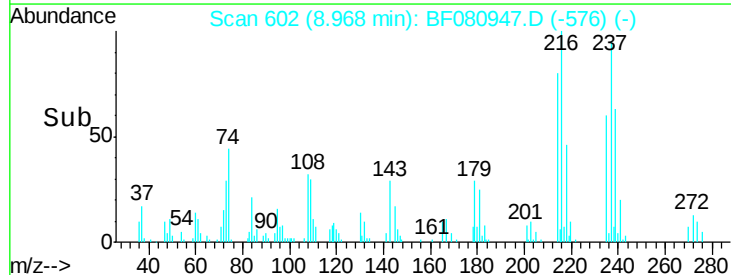
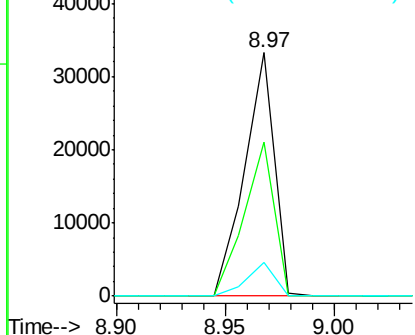


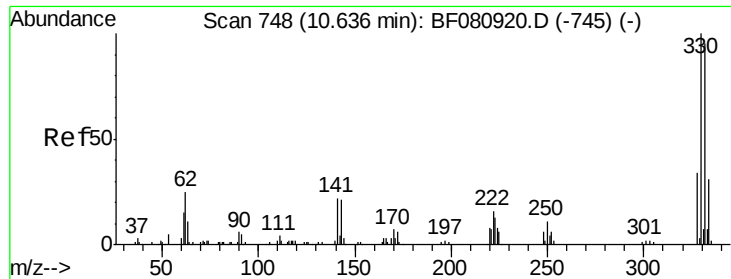
#40
 Hexachlorocyclopentadiene
 Concen: 19.99 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Tgt Ion:237	Resp:	31441
Ion Ratio	Lower	Upper
237	100	
235	63.4	41.3 81.3
272	13.8	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

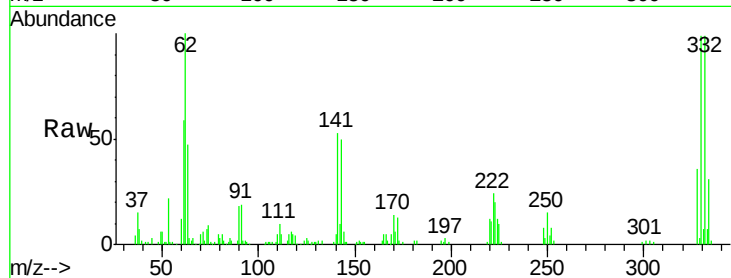




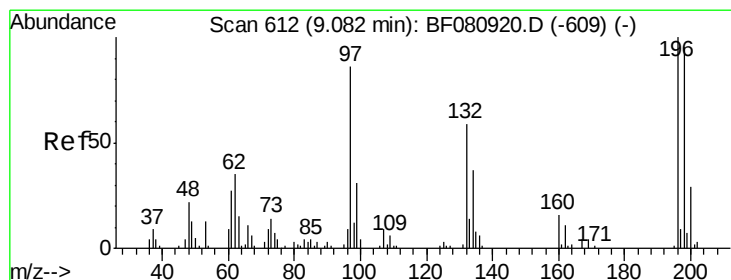
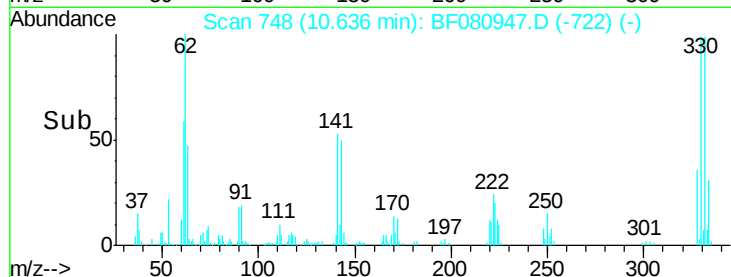
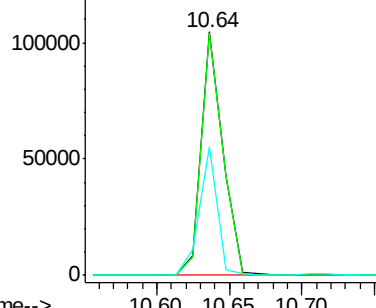
#41
 2,4,6-Tribromophenol
 Concen: 105.20 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	76.2	114.4
141	44.4	27.8	41.8

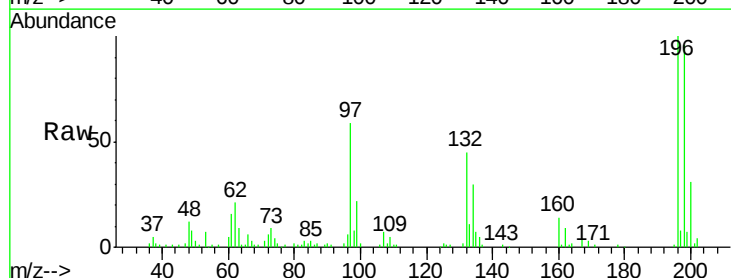


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

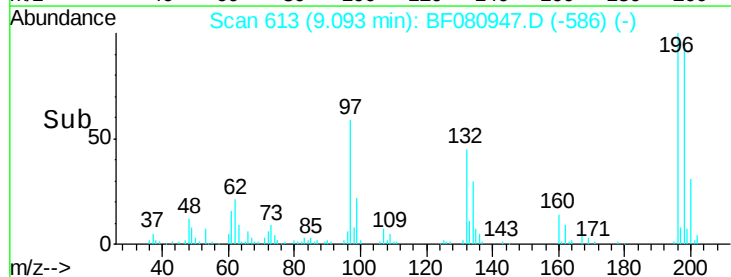
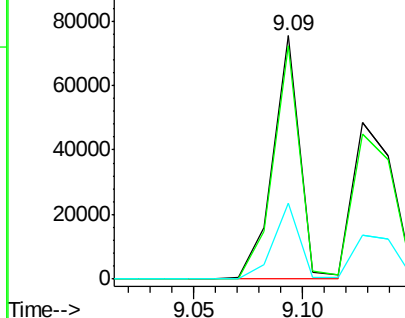


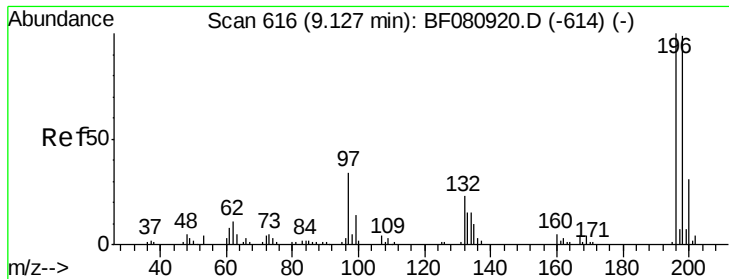
#42
 2,4,6-Trichlorophenol
 Concen: 30.98 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.9	113.9
200	31.2	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

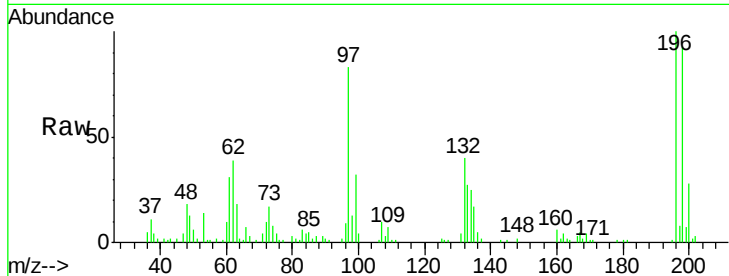




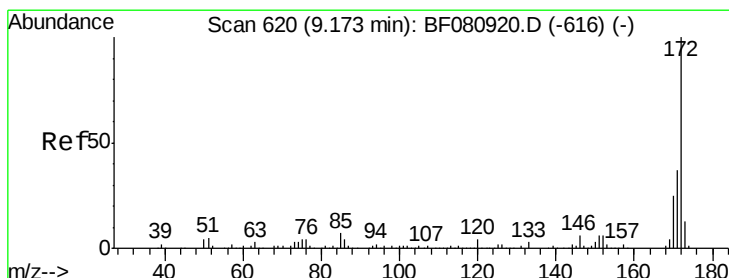
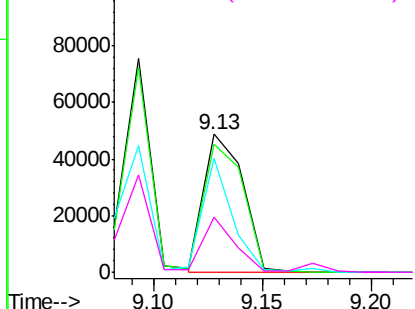
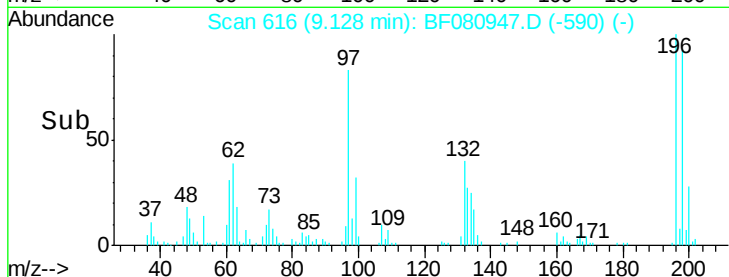
#43
 2,4,5-Trichlorophenol
 Concen: 28.54 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 60776
 Ion Ratio Lower Upper
 196 100
 198 92.8 78.9 118.3
 97 82.8 29.1 43.7#
 132 40.4 19.1 28.7#

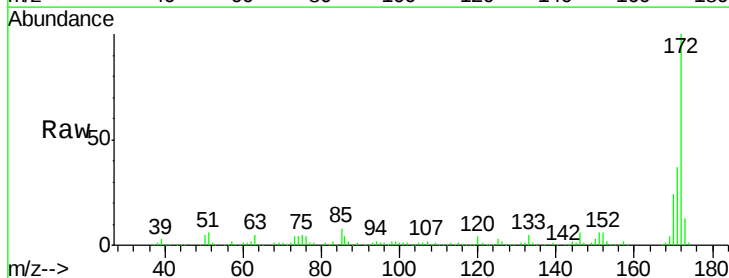


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

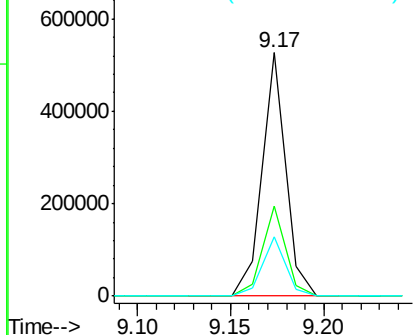
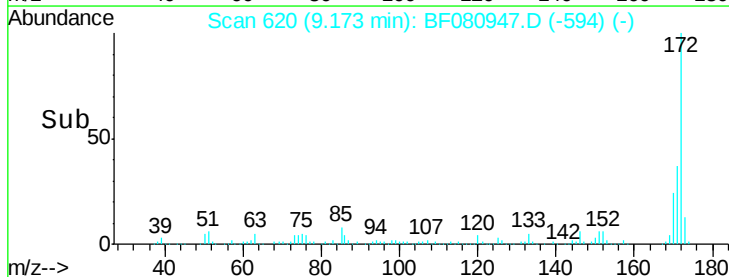


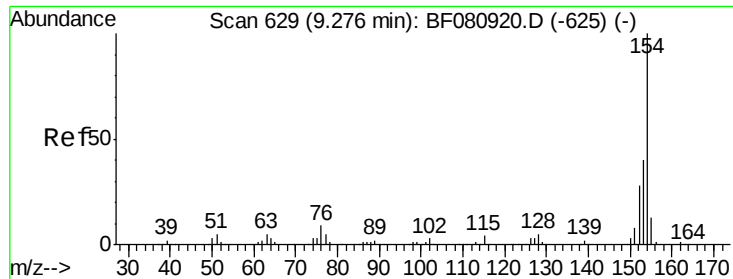
#44
 2-Fluorobiphenyl
 Concen: 68.93 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Tgt Ion:172 Resp: 457901
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.2 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

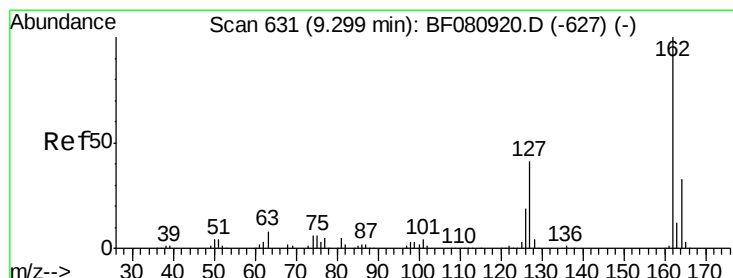
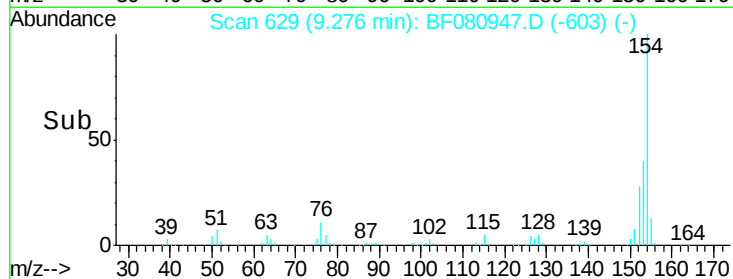
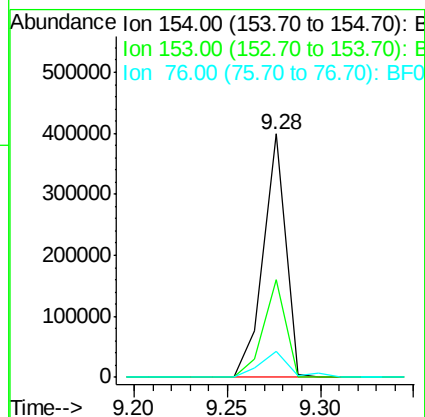
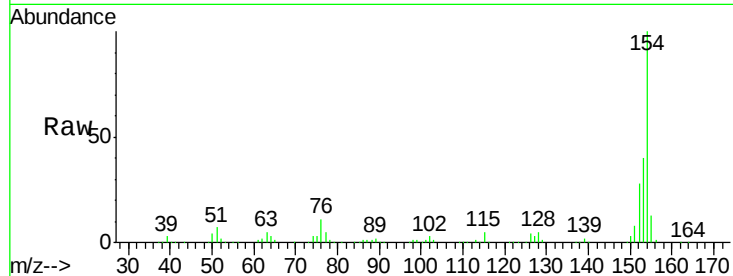




#45
 1,1'-Biphenyl
 Concen: 41.17 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

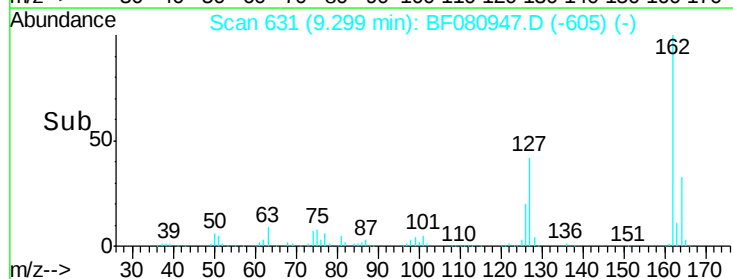
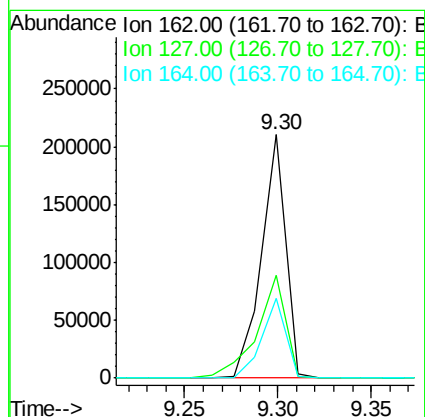
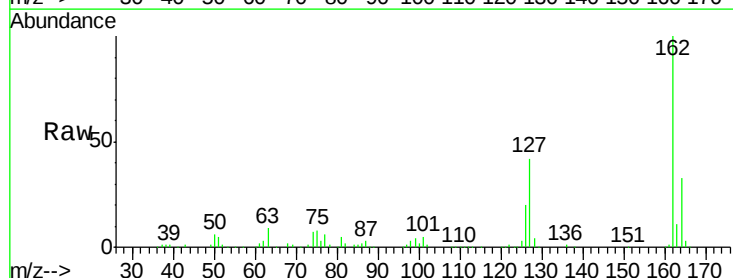
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 330392
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.1 60.1
 76 10.8 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 29.88 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Tgt Ion:162 Resp: 186980
 Ion Ratio Lower Upper
 162 100
 127 42.5 32.5 48.7
 164 32.9 26.2 39.4

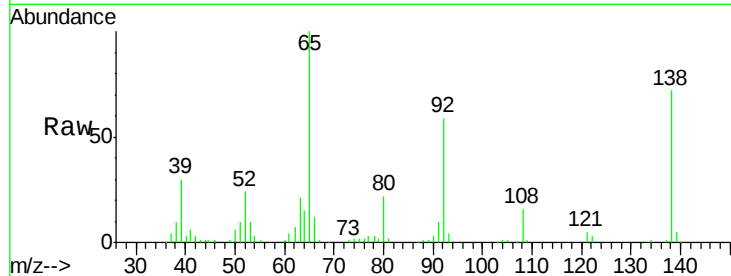




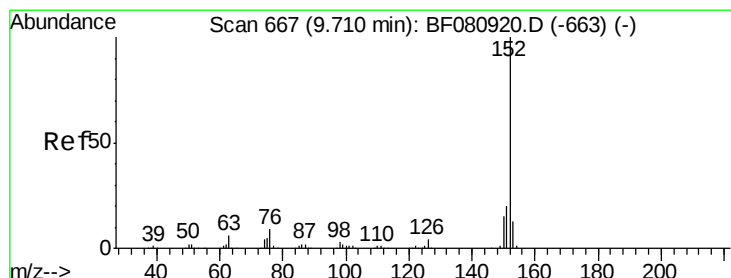
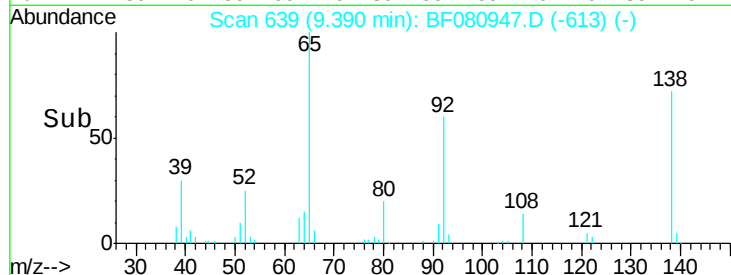
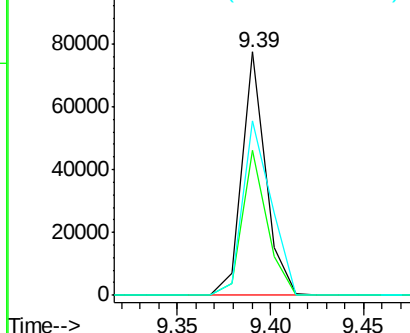
#47
2-Nitroaniline
Concen: 27.37 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 68682
Ion Ratio Lower Upper
65 100
92 59.4 48.0 72.0
138 71.7 66.1 99.1

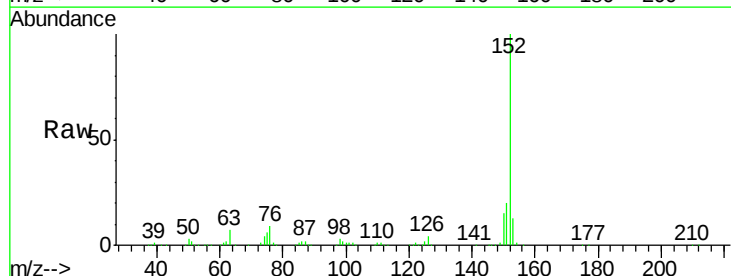


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

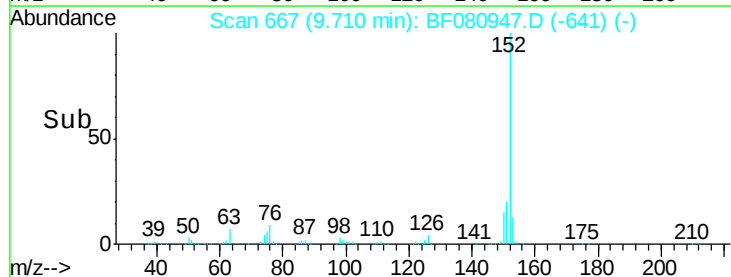
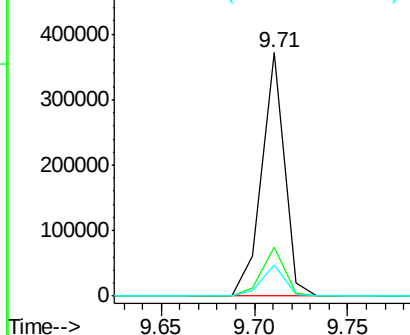


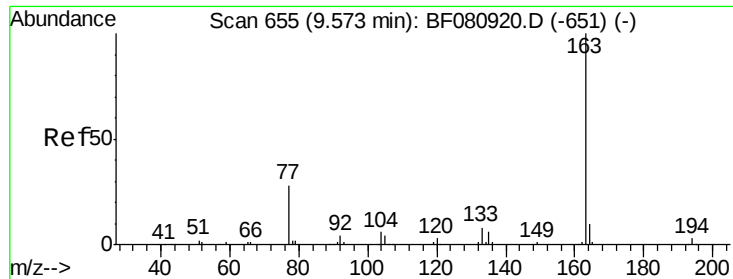
#48
Acenaphthylene
Concen: 28.68 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion:152 Resp: 311955
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 12.8 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

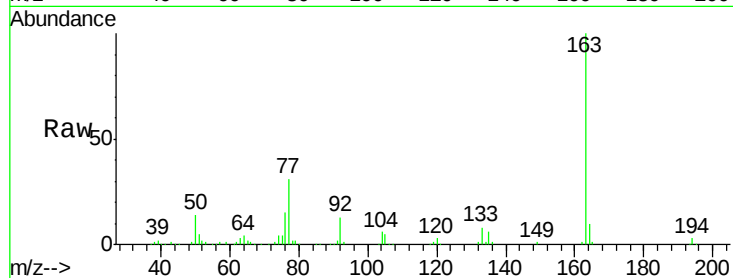




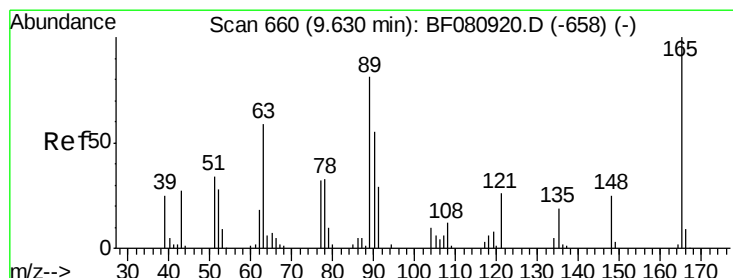
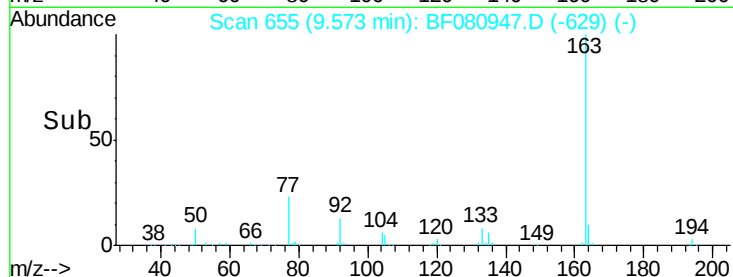
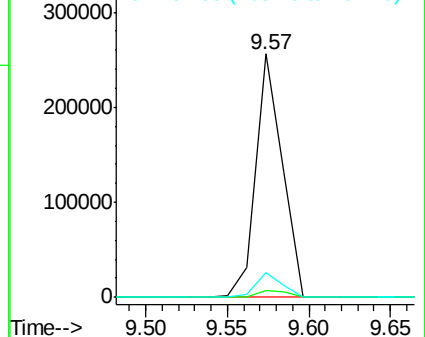
#49
Dimethylphthalate
Concen: 37.05 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 287810
Ion Ratio Lower Upper
163 100
194 3.0 2.4 3.6
164 10.3 8.2 12.4

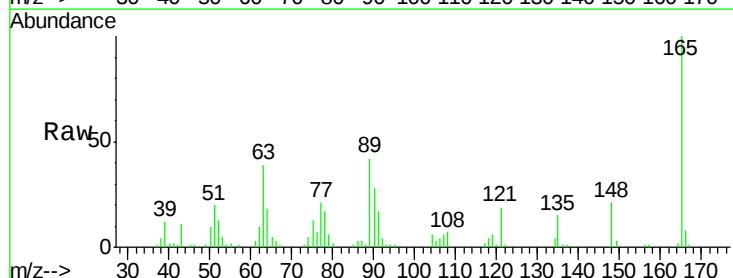


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

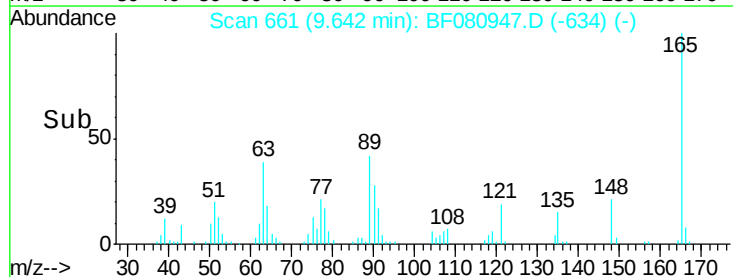
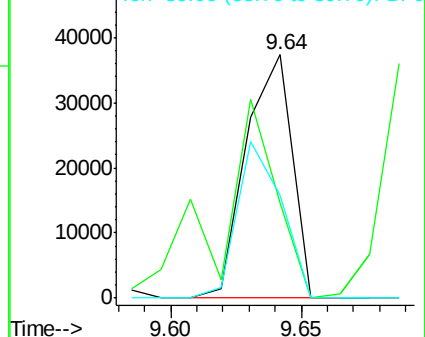


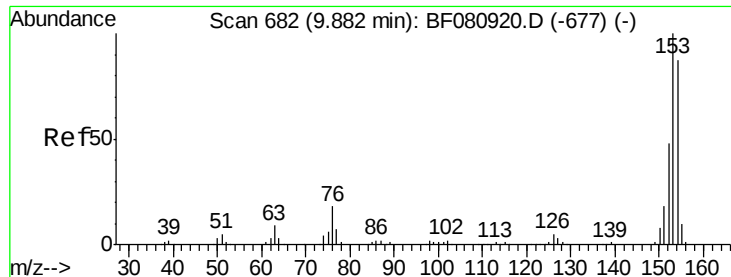
#50
2,6-Dinitrotoluene
Concen: 28.43 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion:165 Resp: 45627
Ion Ratio Lower Upper
165 100
63 39.3 77.6 116.4#
89 42.0 64.5 96.7#



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

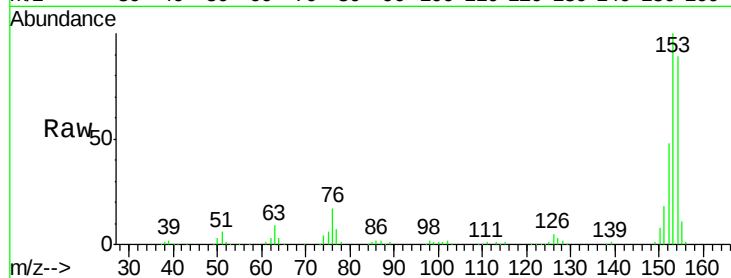




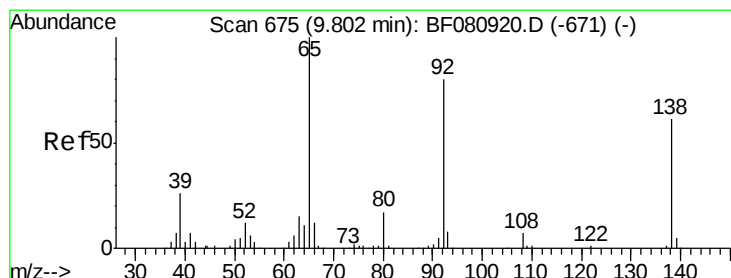
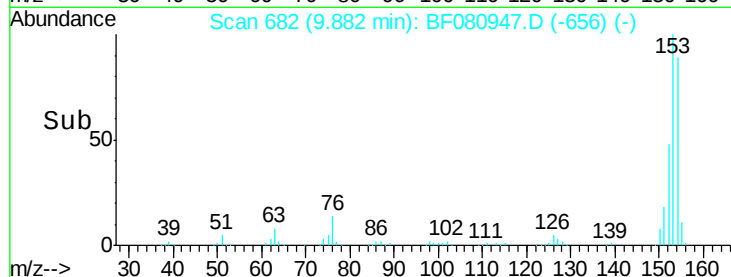
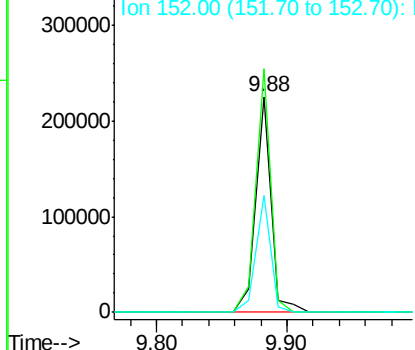
#51
Acenaphthene
Concen: 27.96 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 186285
Ion Ratio Lower Upper
154 100
153 113.0 91.4 137.2
152 54.1 44.2 66.4

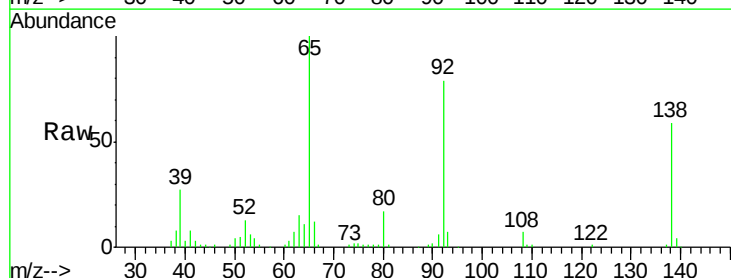


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

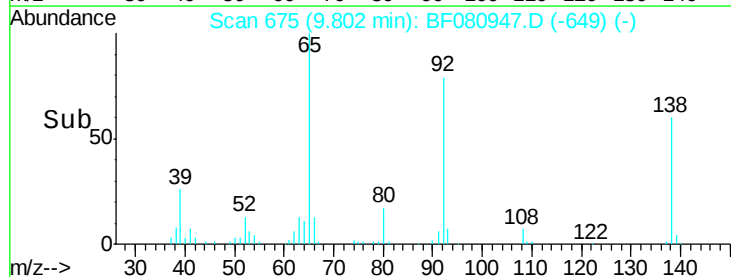
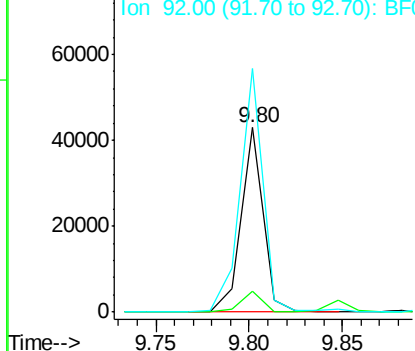


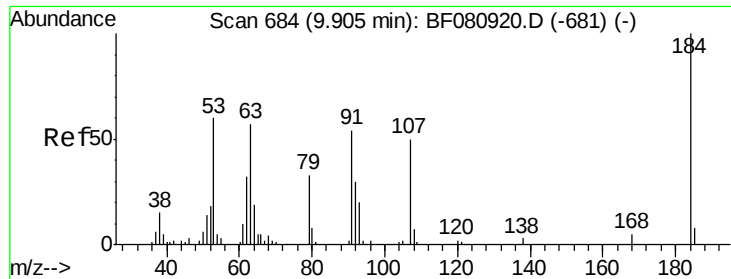
#52
3-Nitroaniline
Concen: 17.85 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion:138 Resp: 35325
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 132.2 104.4 156.6



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

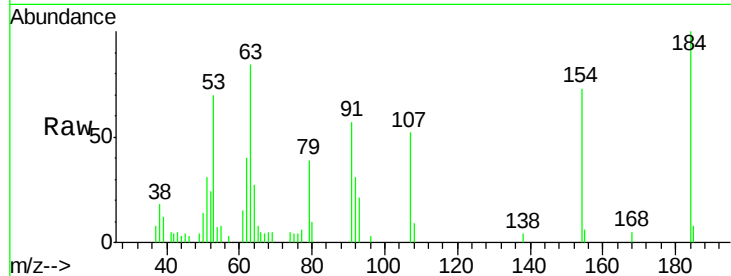




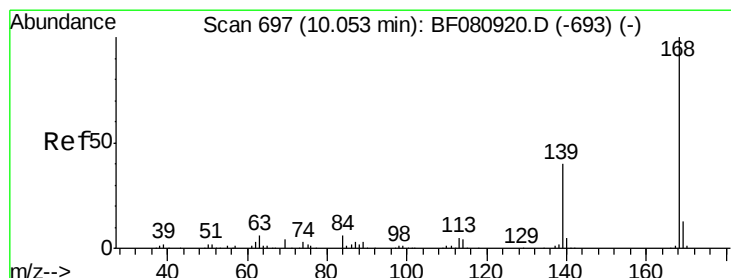
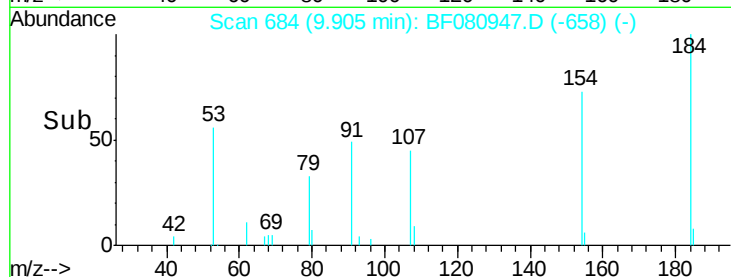
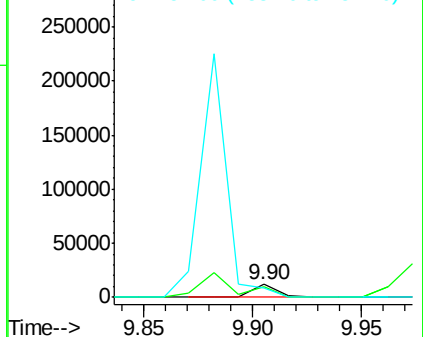
#53
2,4-Dinitrophenol
Concen: 15.28 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 9650
Ion Ratio Lower Upper
184 100
63 84.1 59.7 89.5
154 73.0 53.8 80.8

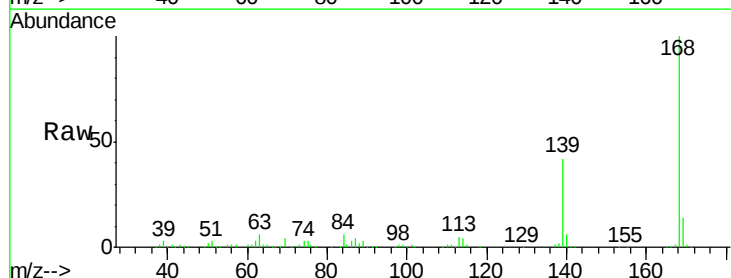


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

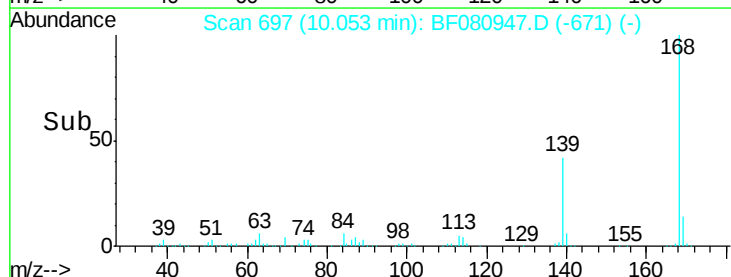
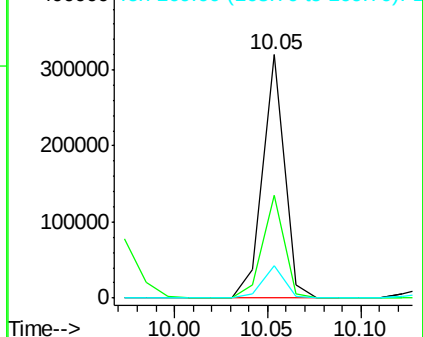


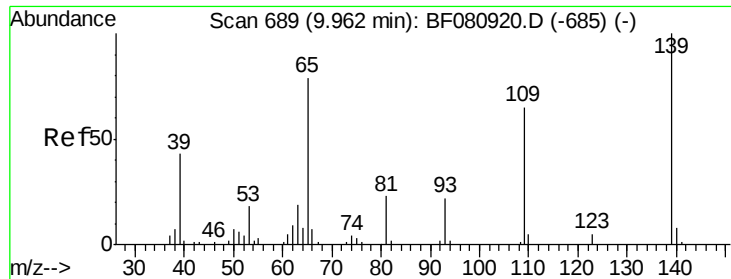
#54
Dibenzofuran
Concen: 28.63 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion:168 Resp: 257900
Ion Ratio Lower Upper
168 100
139 42.4 31.9 47.9
169 13.5 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

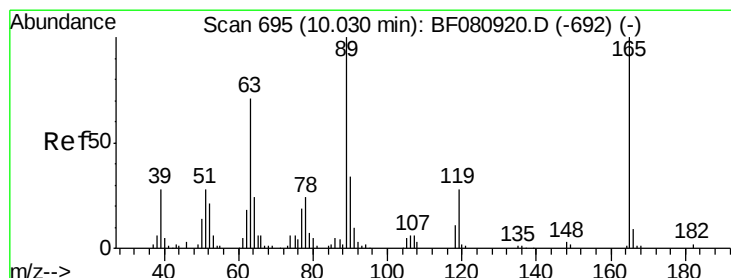
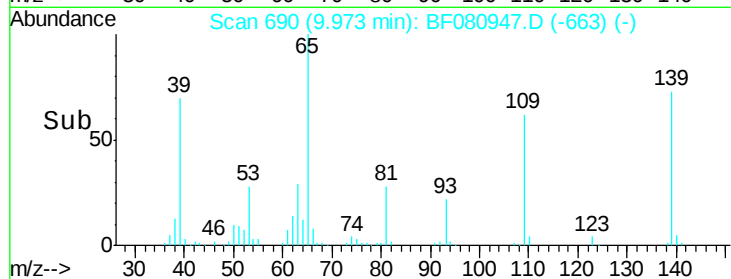
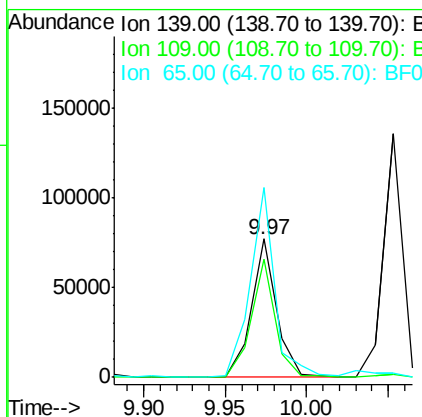
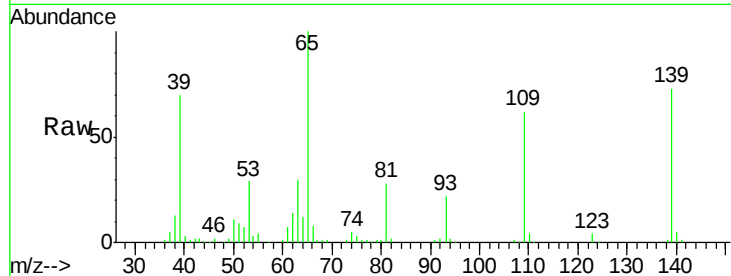




#55
4-Nitrophenol
Concen: 55.79 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

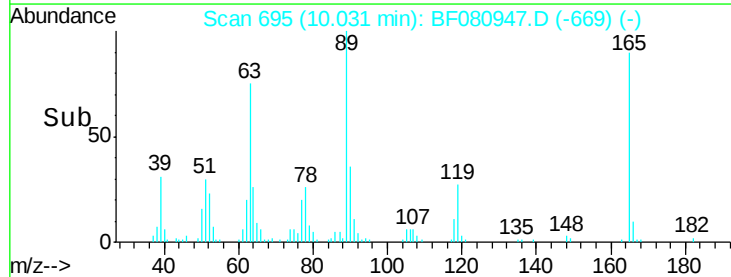
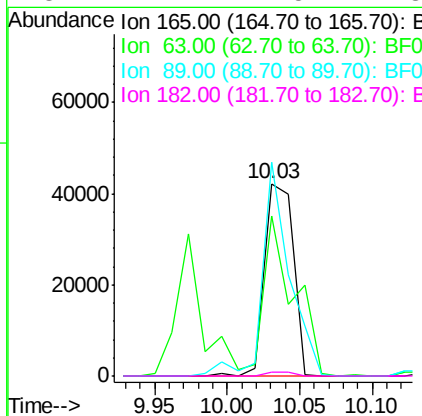
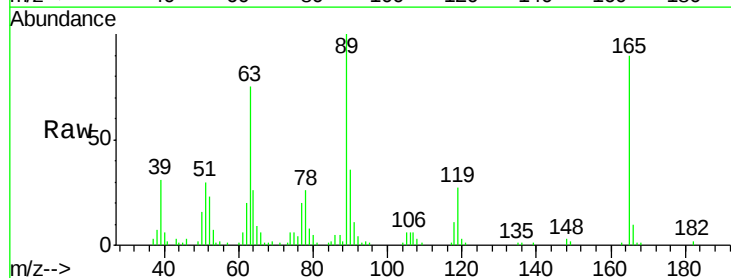
Instrument :
BNA_F
ClientSampled :

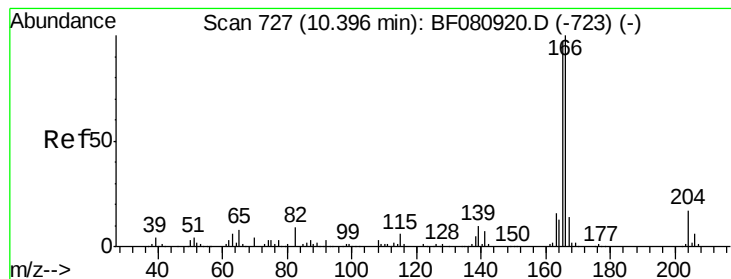
Tot Ion:139 Resp: 82617
Ion Ratio Lower Upper
139 100
109 85.0 44.7 84.7#
65 136.7 59.5 99.5#



#56
2,4-Dinitrotoluene
Concen: 27.13 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion:165 Resp: 58266
Ion Ratio Lower Upper
165 100
63 83.0 56.7 85.1
89 111.0 80.4 120.6
182 2.2 1.5 2.3





#57

Fluorene

Concen: 32.41 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

Instrument :
BNA_F
ClientSampleId :

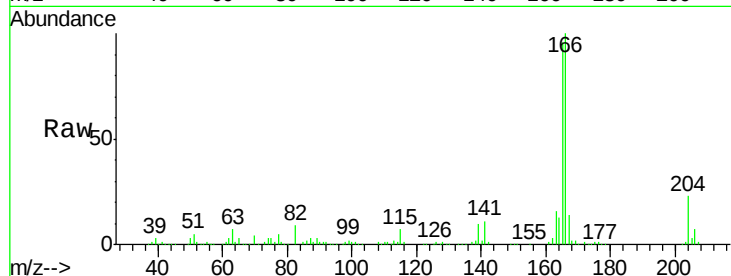
Tot Ion:166 Resp: 225889

Ion Ratio Lower Upper

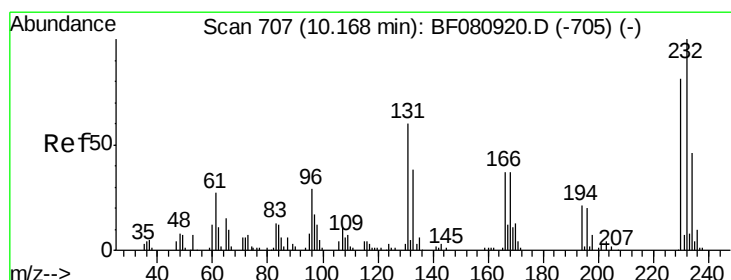
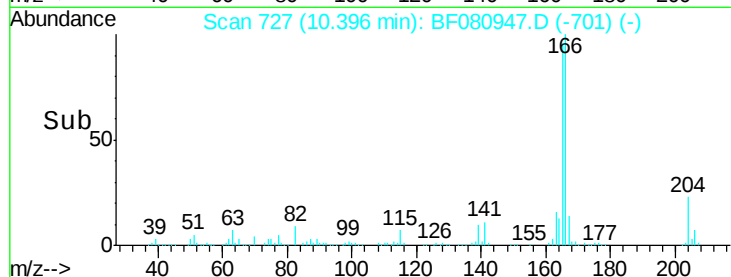
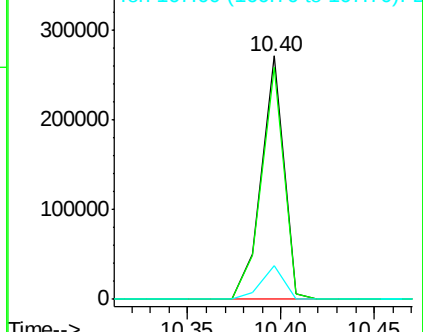
166 100

165 95.6 77.2 115.8

167 13.6 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: 26.31 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

Tgt Ion:232 Resp: 44334

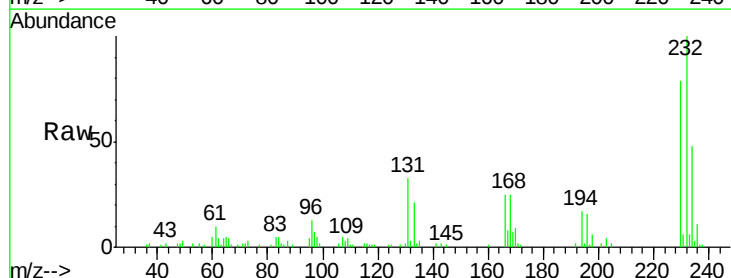
Ion Ratio Lower Upper

232 100

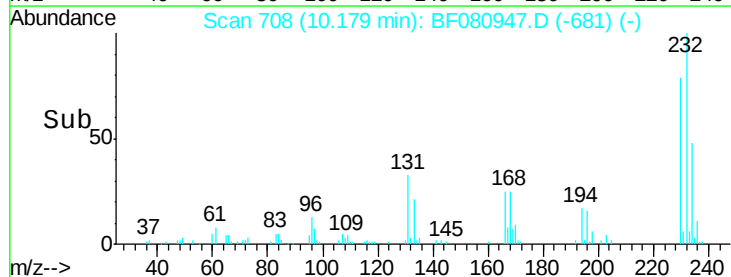
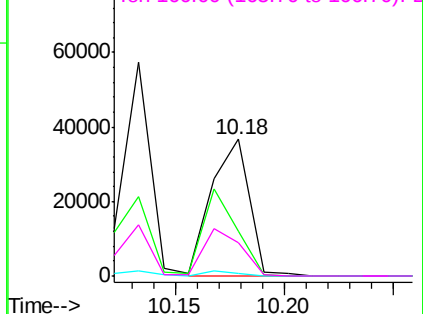
131 55.4 39.4 59.2

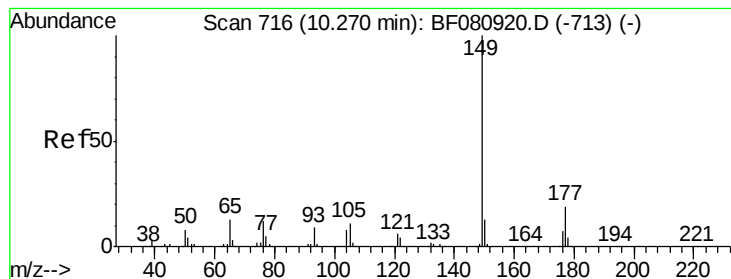
130 3.0 2.1 3.1

166 34.9 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: 26.95 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

Instrument :

BNA_F

ClientSampleId :

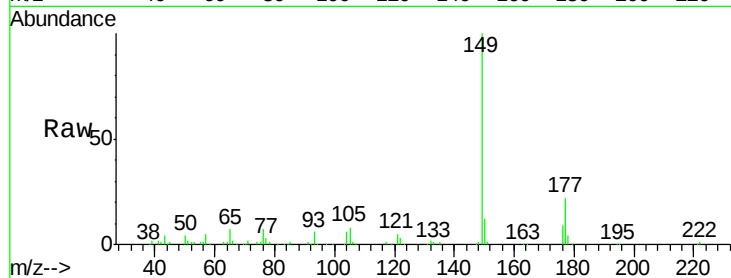
Tot Ion:149 Resp: 217880

Ion Ratio Lower Upper

149 100

177 21.7 15.0 22.4

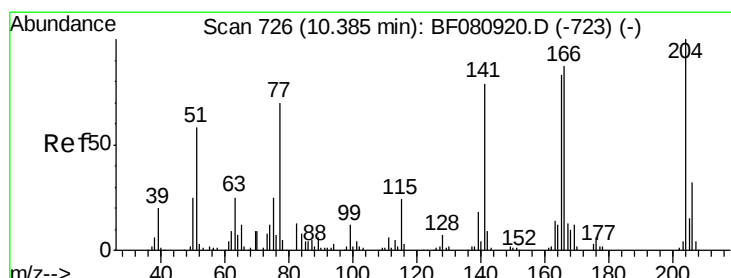
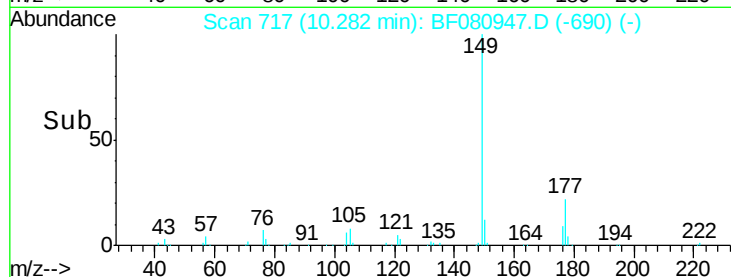
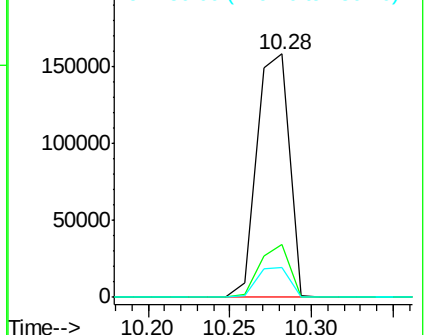
150 12.3 10.4 15.6



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: 25.66 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

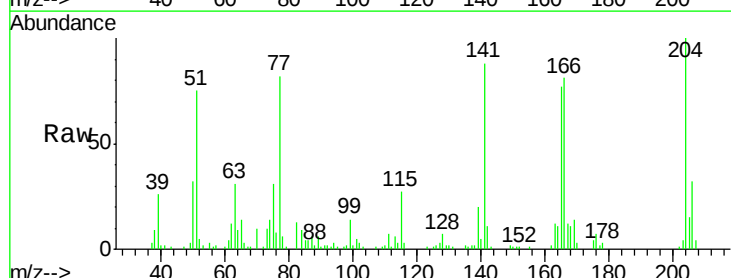
Tgt Ion:204 Resp: 87128

Ion Ratio Lower Upper

204 100

206 32.3 25.5 38.3

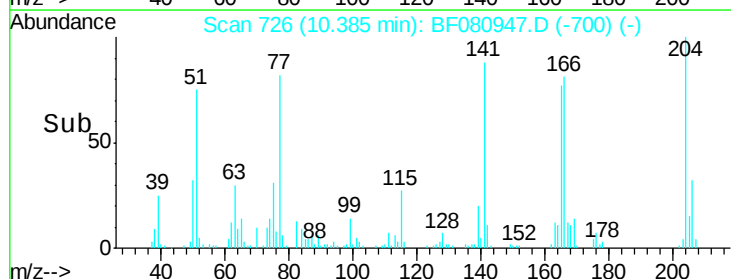
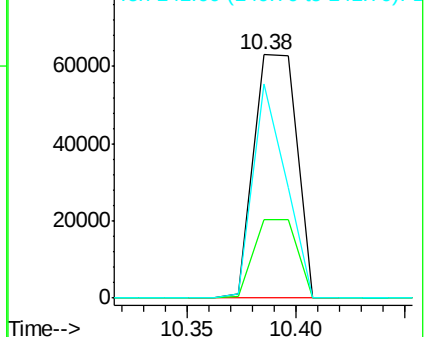
141 87.8 63.4 95.0

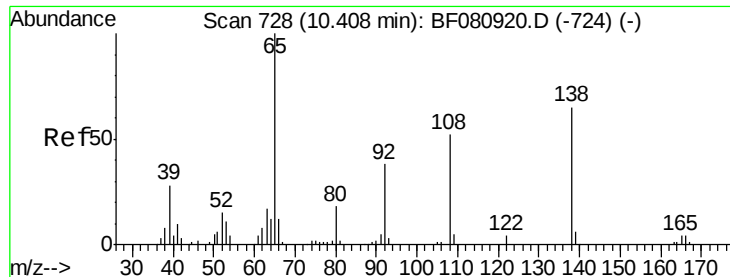


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

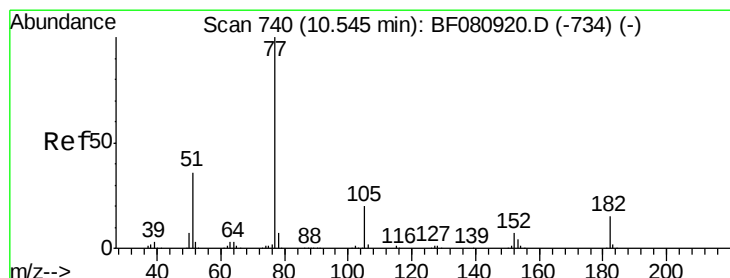
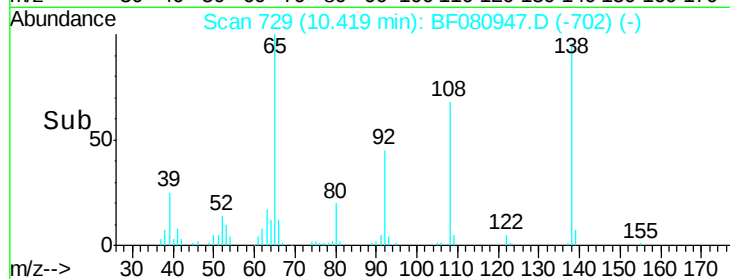
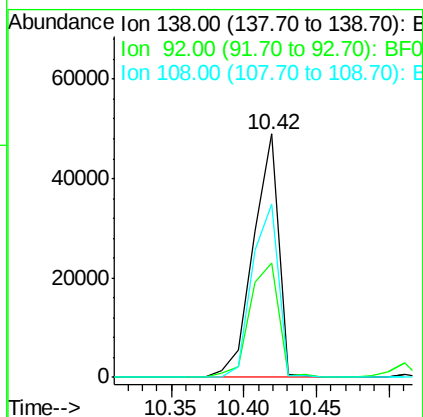
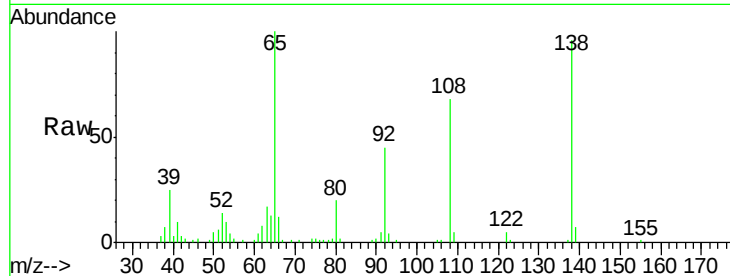




#61
4-Nitroaniline
Concen: 28.96 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

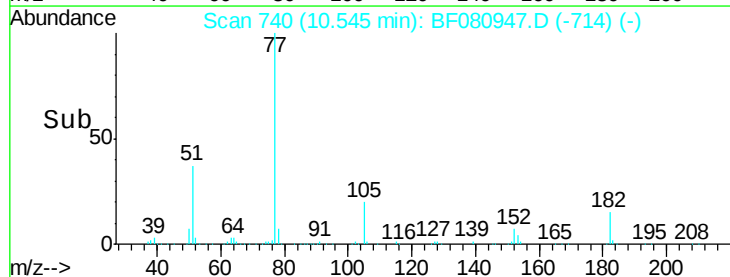
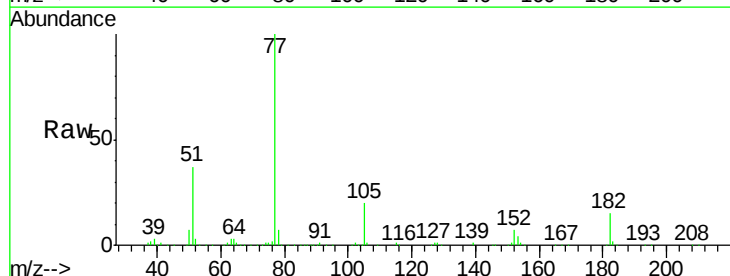
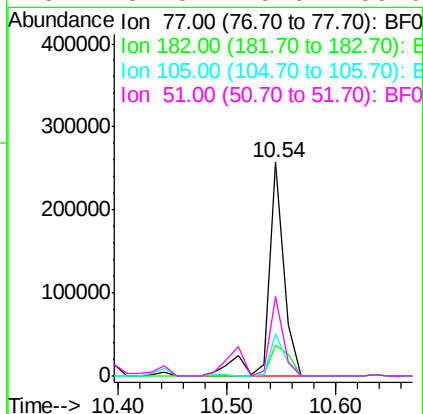
Instrument :
BNA_F
ClientSampleId :

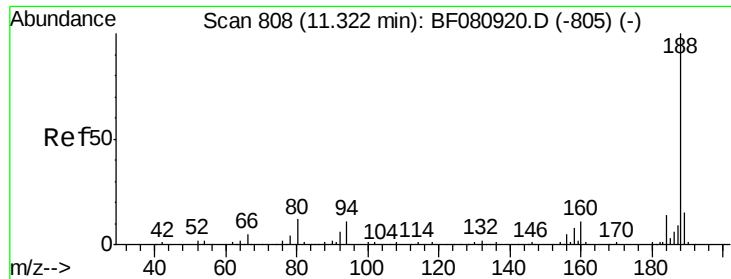
Tot Ion:138 Resp: 58960
Ion Ratio Lower Upper
138 100
92 47.2 38.1 78.1
108 71.2 59.9 99.9



#62
Azobenzene
Concen: 28.47 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion: 77 Resp: 257430
Ion Ratio Lower Upper
77 100
182 14.6 0.0 35.5
105 19.8 0.5 40.5
51 37.3 15.6 55.6

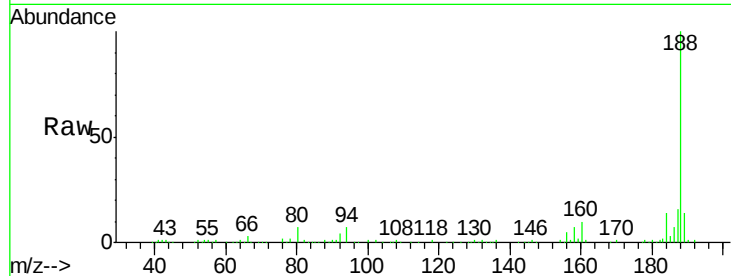




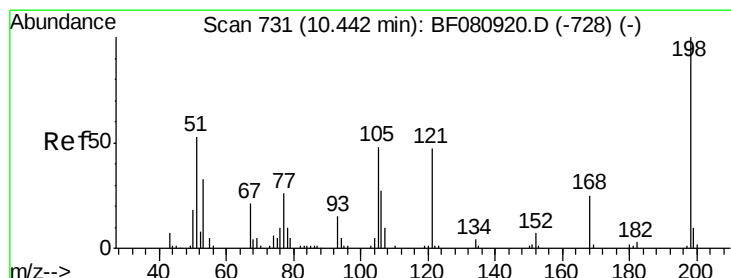
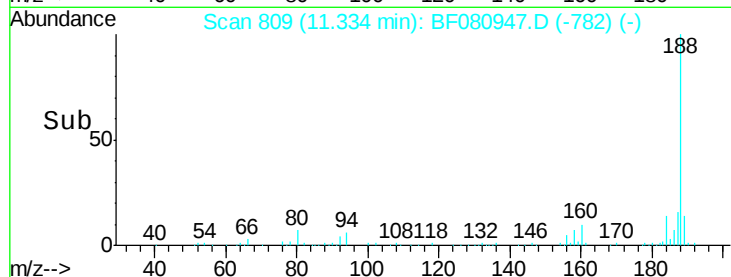
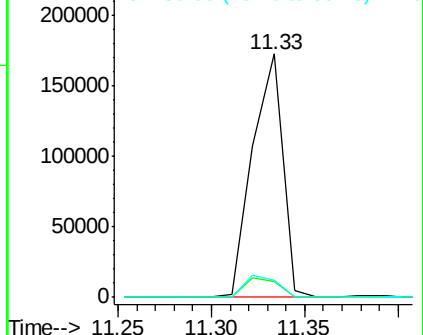
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 196230
 Ion Ratio Lower Upper
 188 100
 94 6.6 8.8 13.2#
 80 6.9 9.5 14.3#

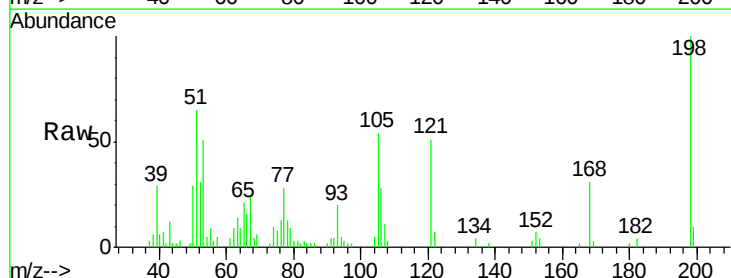


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

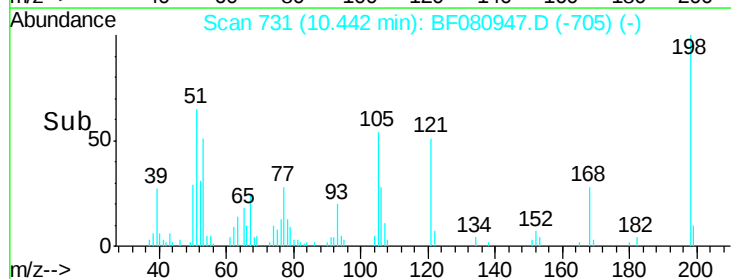
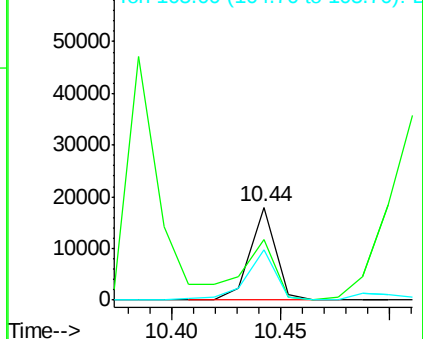


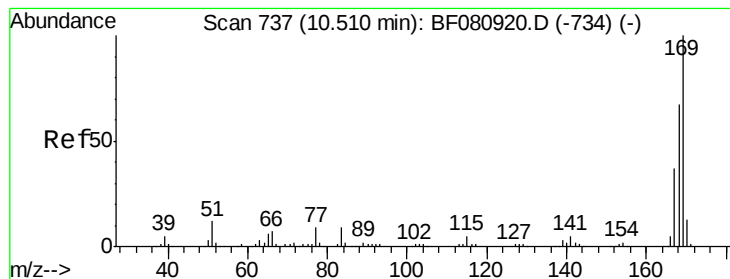
#64
 4,6-Dinitro-2-methylphenol
 Concen: 12.09 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Tgt Ion:198 Resp: 14701
 Ion Ratio Lower Upper
 198 100
 51 65.1 40.3 80.3
 105 53.6 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

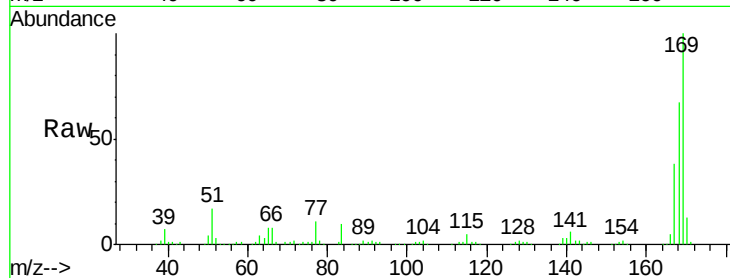




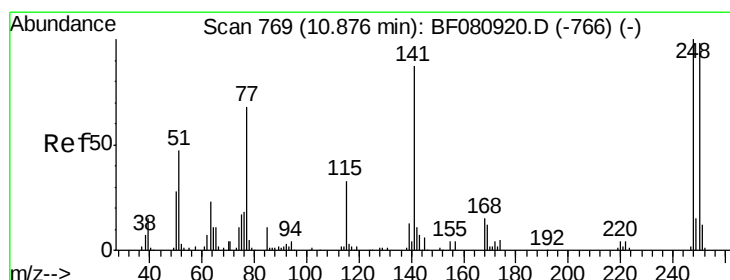
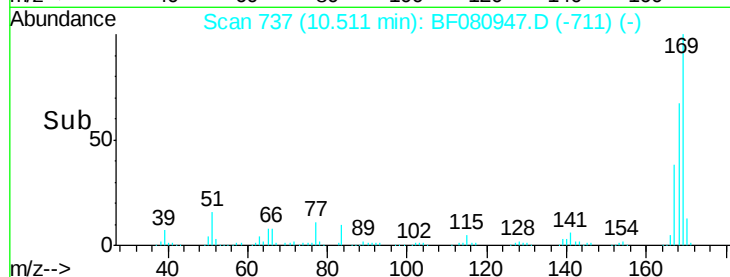
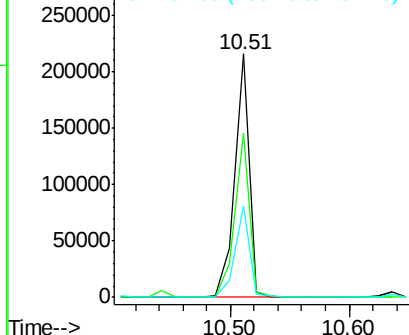
#65
 n-Nitrosodiphenylamine
 Concen: 26.92 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.7	80.5
167	37.6	29.3	43.9

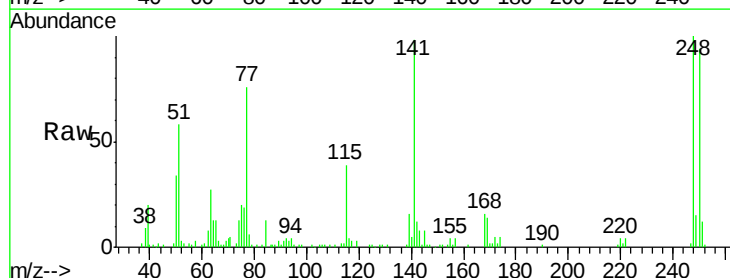


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

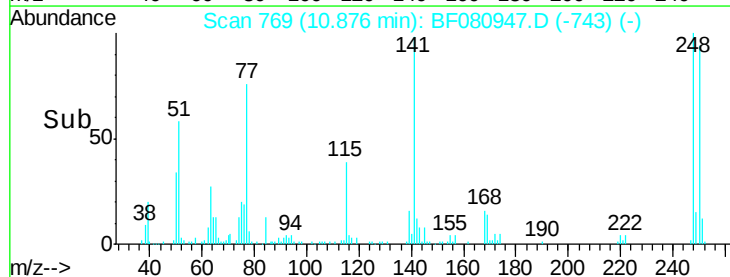
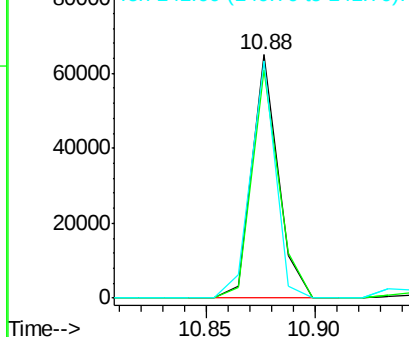


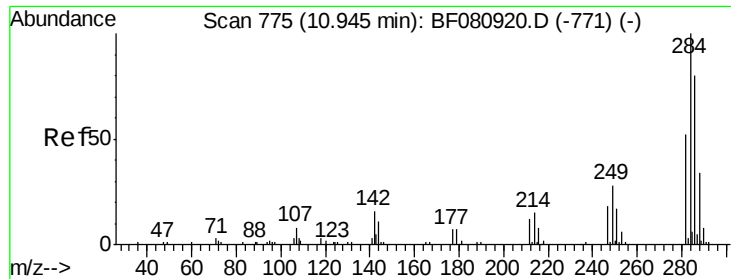
#66
 4-Bromophenyl-phenylether
 Concen: 26.22 ng
 RT: 10.88 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.0	78.1	117.1
141	97.7	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

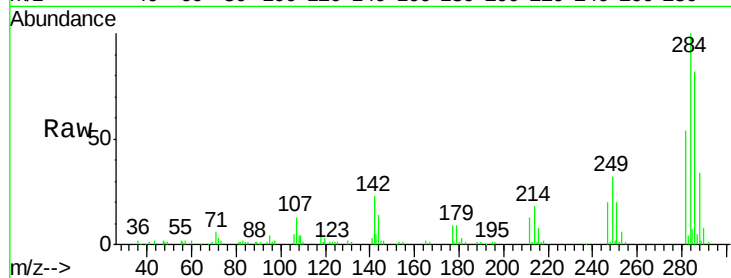




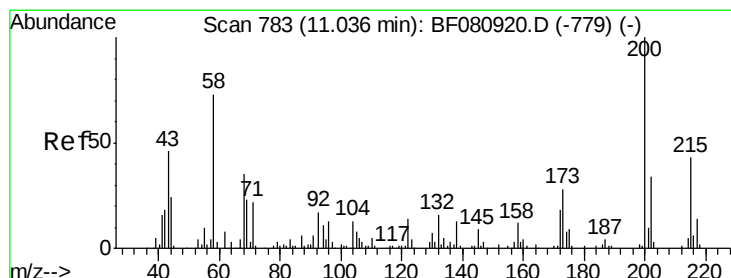
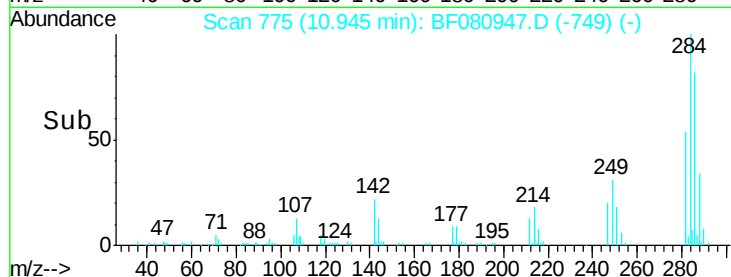
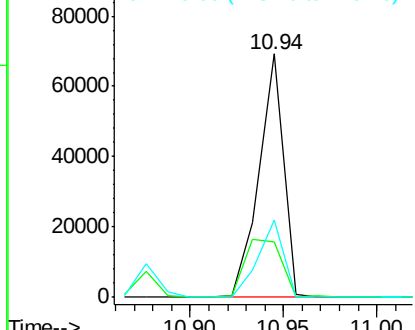
#67
Hexachlorobenzene
Concen: 27.18 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 62794
Ion Ratio Lower Upper
284 100
142 22.7 12.8 19.2#
249 31.9 22.5 33.7

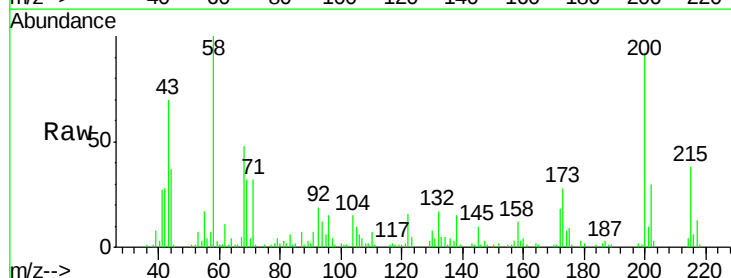


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

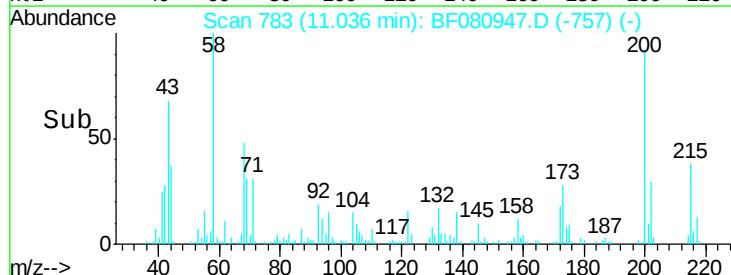
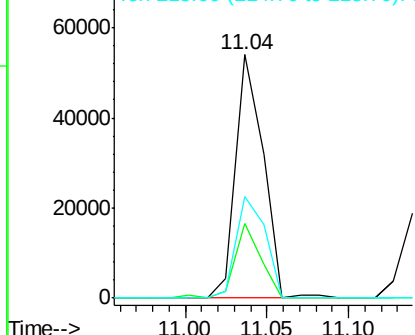


#68
Atrazine
Concen: 31.46 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion:200 Resp: 62883
Ion Ratio Lower Upper
200 100
173 30.7 8.4 48.4
215 41.5 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

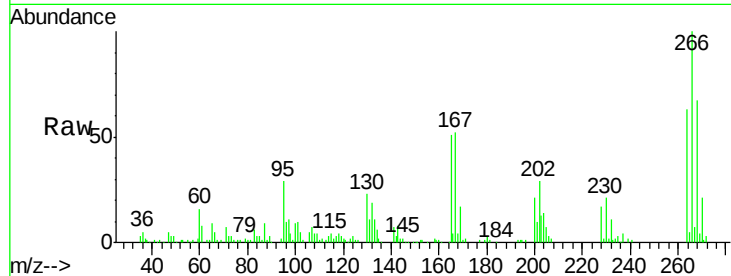




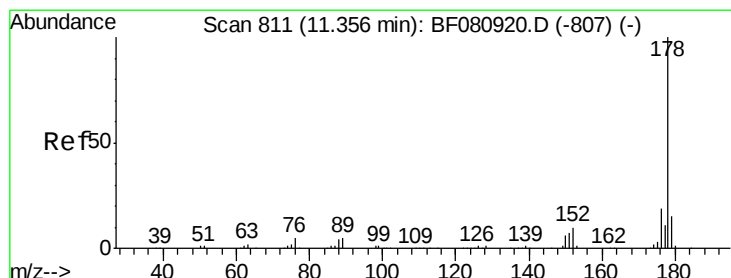
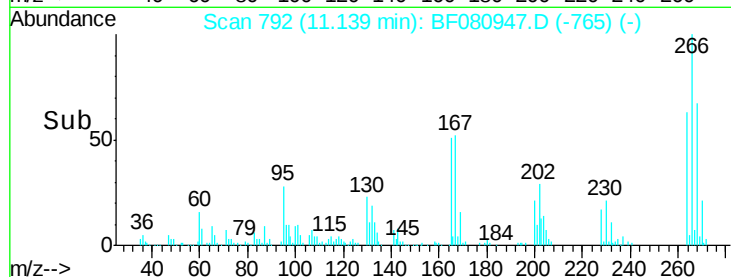
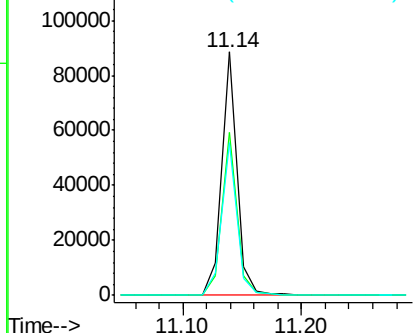
#69
 Pentachlorophenol
 Concen: 58.31 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 78348
 Ion Ratio Lower Upper
 266 100
 268 66.8 51.6 77.4
 264 62.8 50.1 75.1

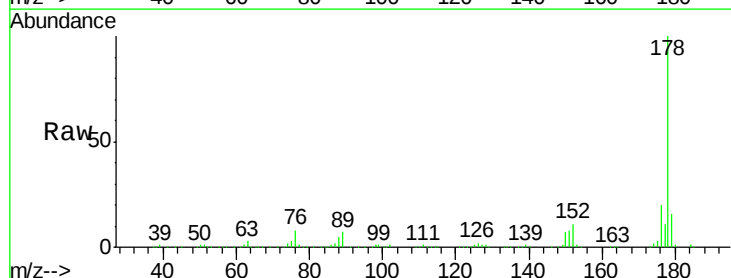


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

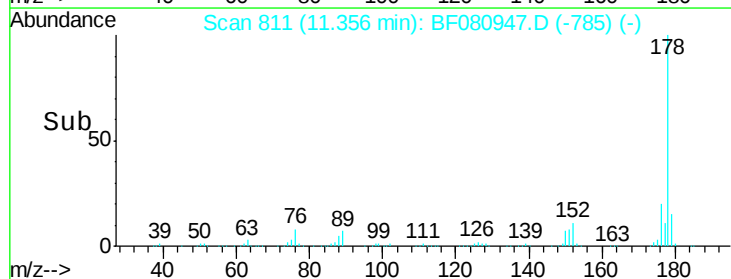
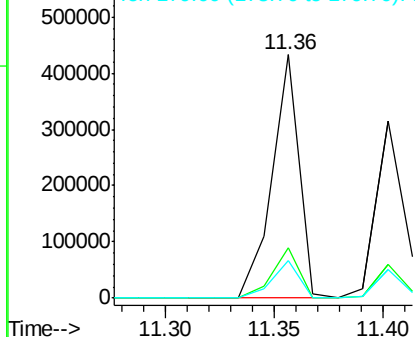


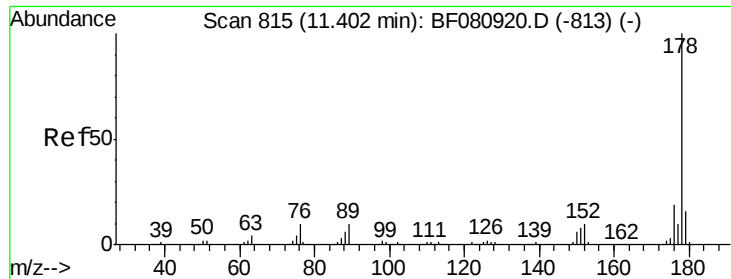
#70
 Phenanthrene
 Concen: 34.06 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Tgt Ion:178 Resp: 378473
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.6 23.4
 179 15.6 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

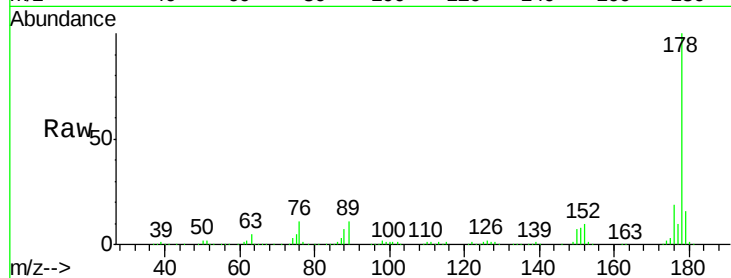




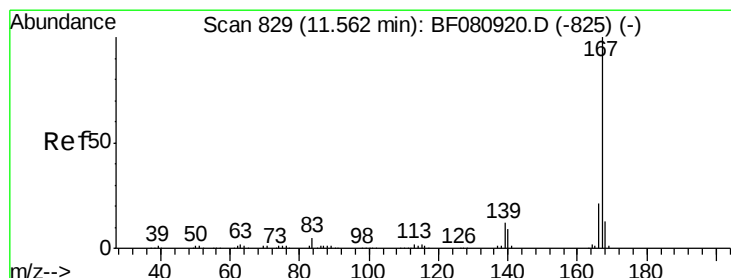
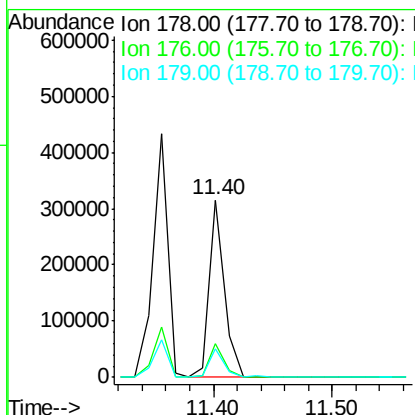
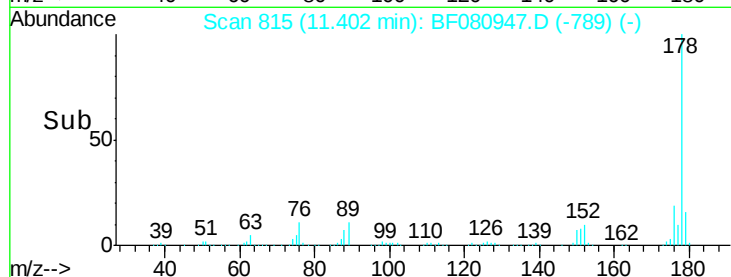
#71
 Anthracene
 Concen: 25.50 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 280465
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.5 23.3
 179 15.8 12.6 18.8

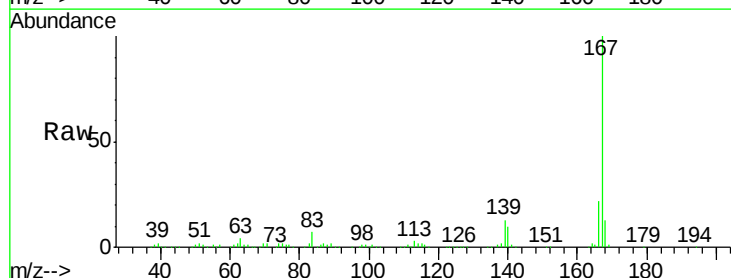


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

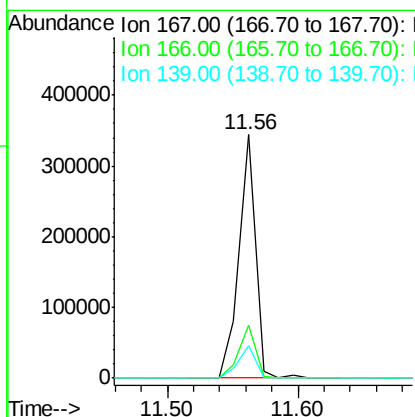
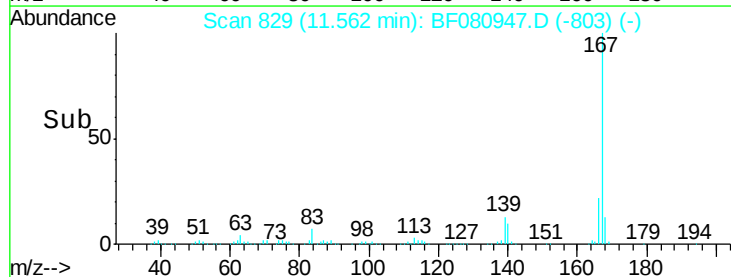


#72
 Carbazole
 Concen: 28.15 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Tgt Ion:167 Resp: 301490
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 13.3 9.2 13.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 25.46 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

Instrument :

BNA_F

ClientSampleId :

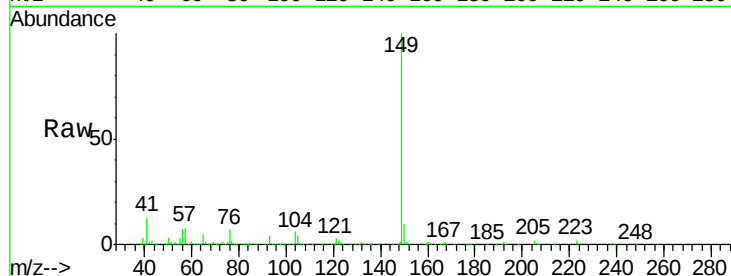
Tot Ion:149 Resp: 340994

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

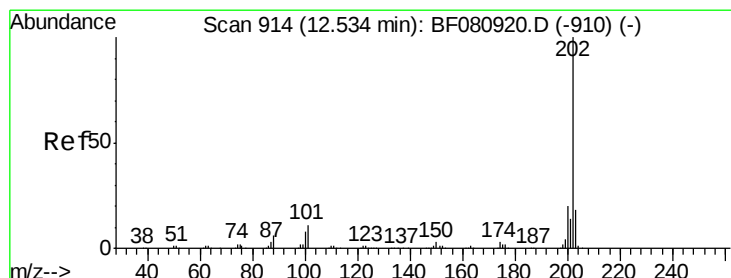
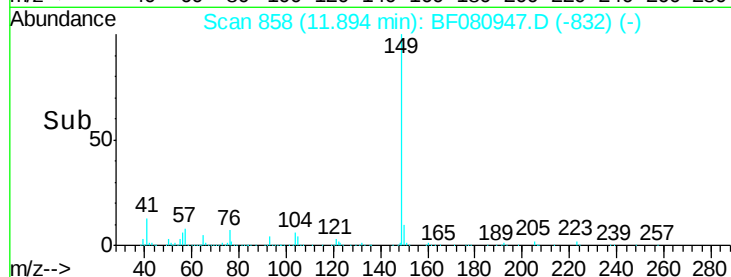
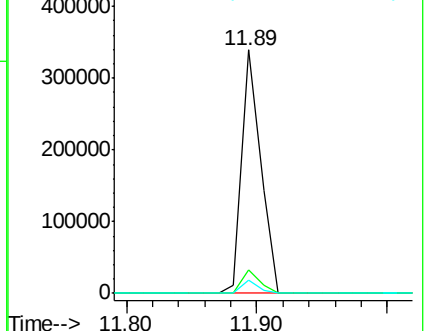
104 5.6 4.4 6.6



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: 32.75 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

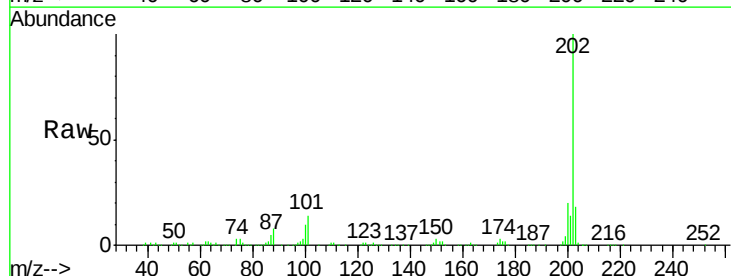
Tgt Ion:202 Resp: 393337

Ion Ratio Lower Upper

202 100

101 13.6 0.0 30.5

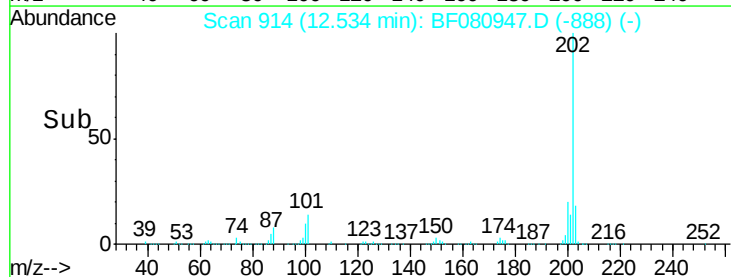
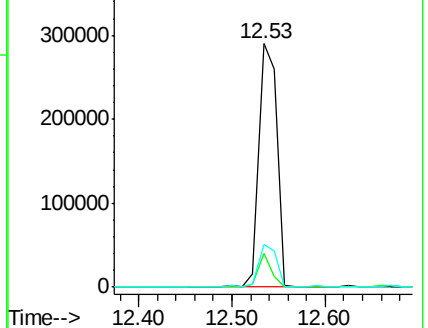
203 17.7 0.0 37.7

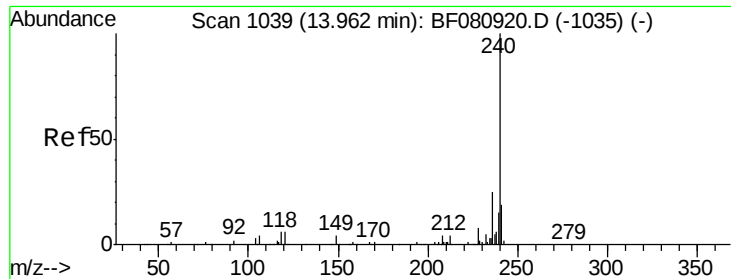


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF080947.D

Acq: 8 Aug 2015 3:40

Instrument :

BNA_F

ClientSampleId :

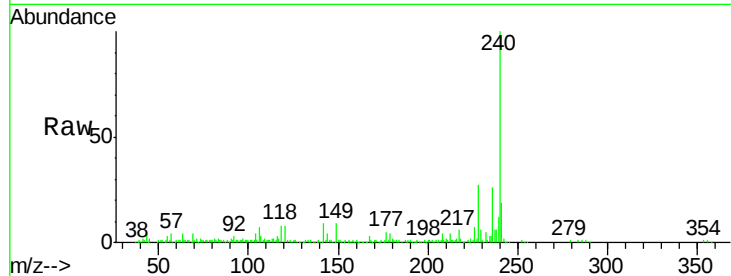
Tot Ion:240 Resp: 125206

Ion Ratio Lower Upper

240 100

120 8.2 5.2 7.8#

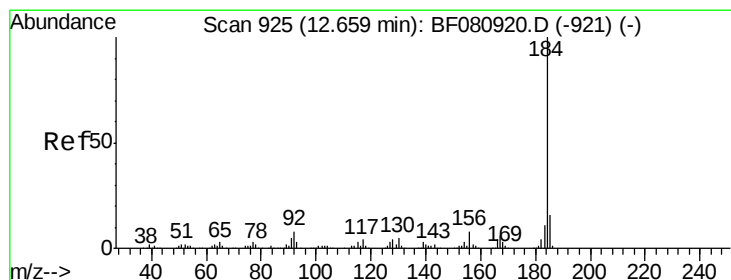
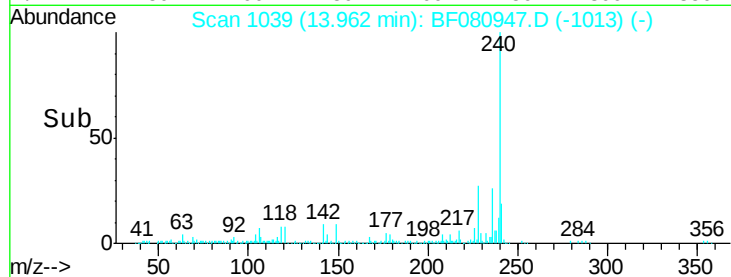
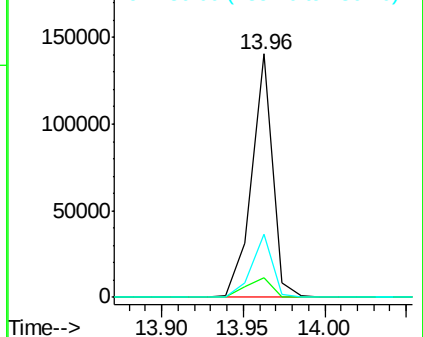
236 25.9 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.50 ng

RT: 12.67 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

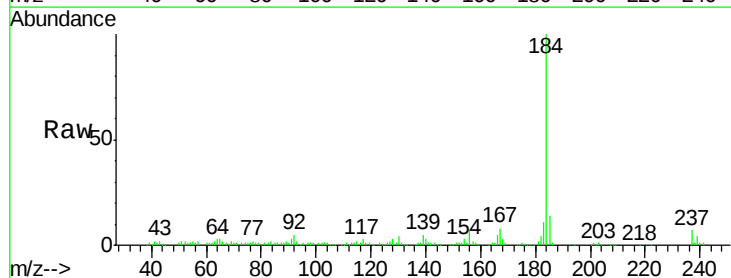
Tgt Ion:184 Resp: 221137

Ion Ratio Lower Upper

184 100

185 13.6 13.0 19.4

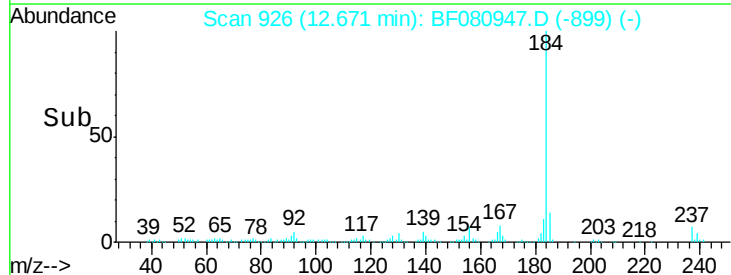
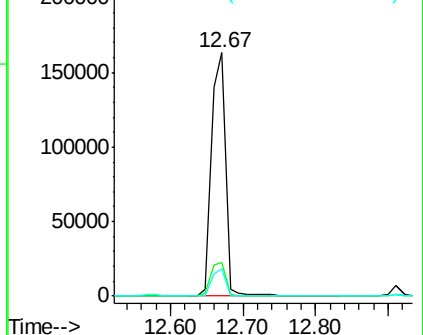
183 11.0 8.7 13.1

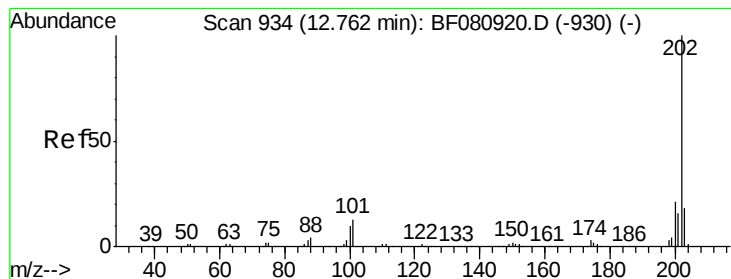


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.51 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

Instrument :

BNA_F

ClientSampleId :

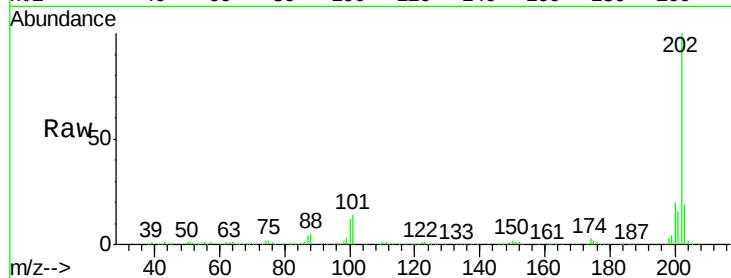
Tot Ion:202 Resp: 383908

Ion Ratio Lower Upper

202 100

200 20.1 16.6 24.8

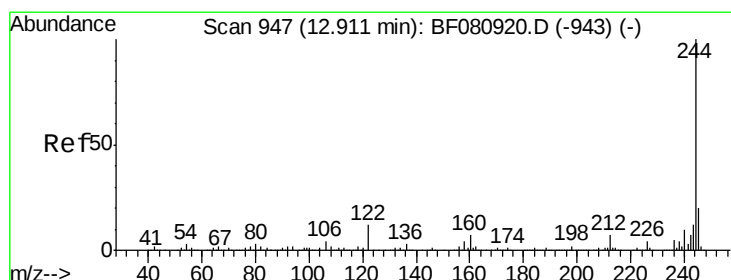
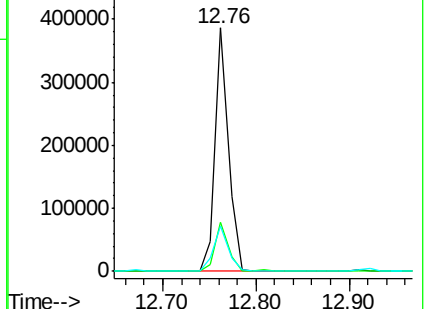
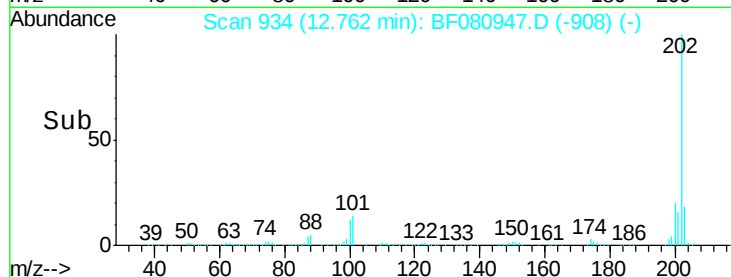
203 18.5 14.2 21.2



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: 68.02 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

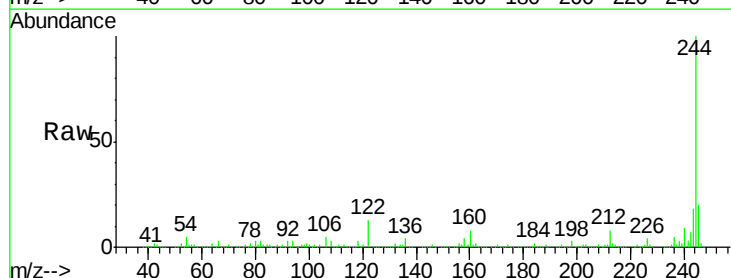
Tgt Ion:244 Resp: 412309

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

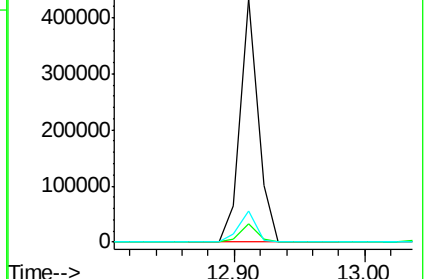
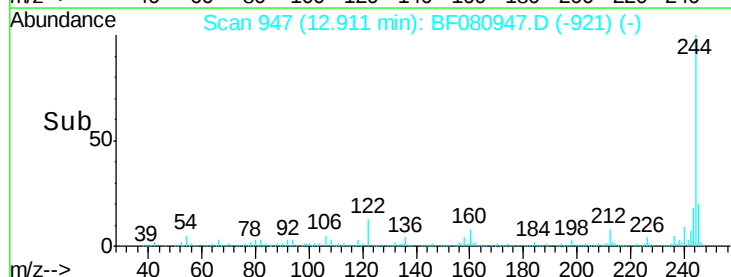
122 12.8 9.4 14.2

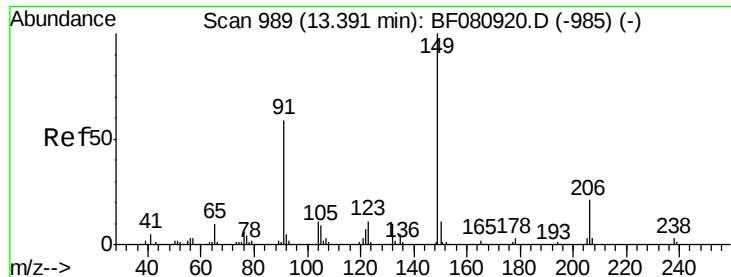


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

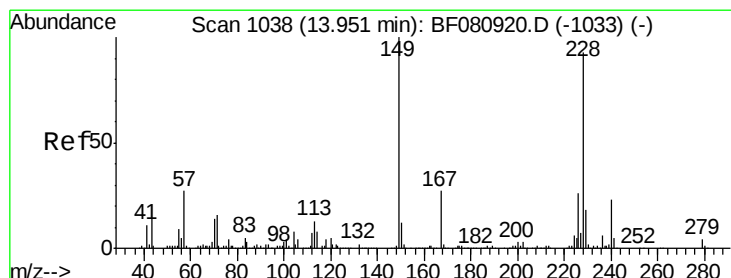
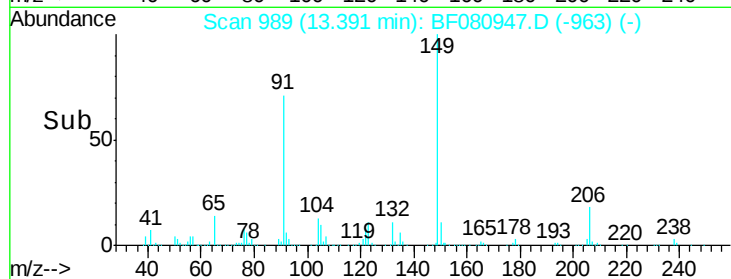
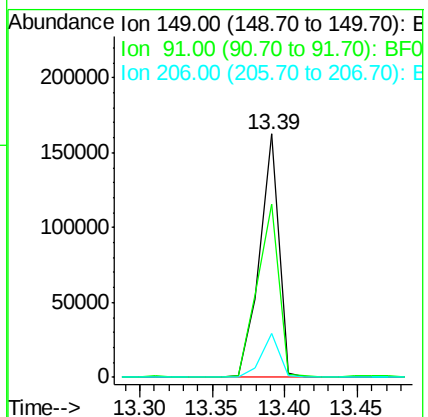
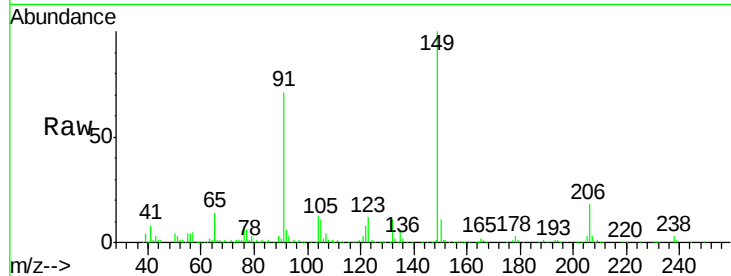




#79
Butylbenzylphthalate
Concen: 33.43 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

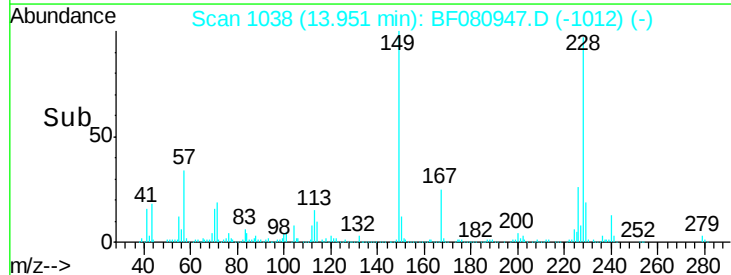
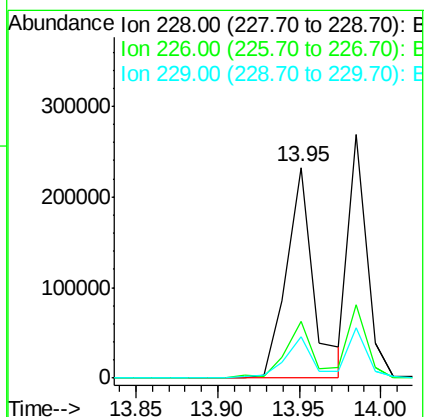
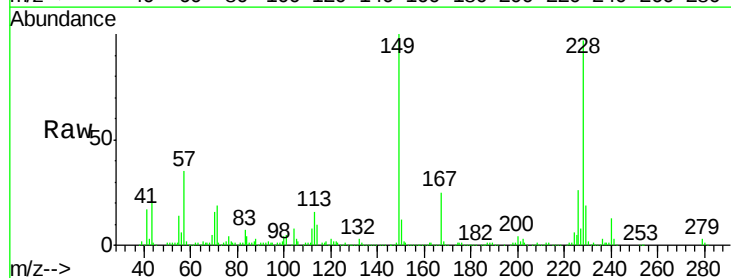
Instrument :
BNA_F
ClientSampled :

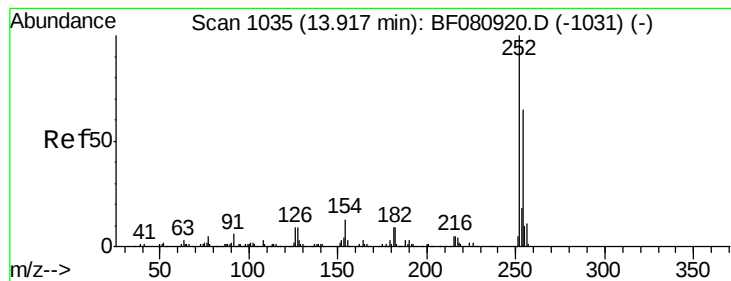
Tot Ion:149 Resp: 149044
Ion Ratio Lower Upper
149 100
91 71.4 47.2 70.8#
206 18.0 16.5 24.7



#80
Benzo(a)anthracene
Concen: 34.21 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF080947.D
Acq: 8 Aug 2015 3:40

Tgt Ion:228 Resp: 270582
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 19.6 15.8 23.6

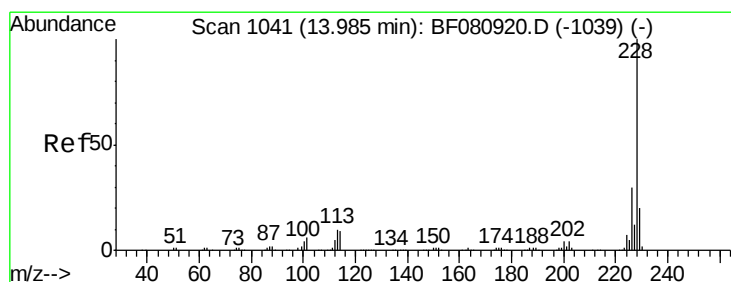
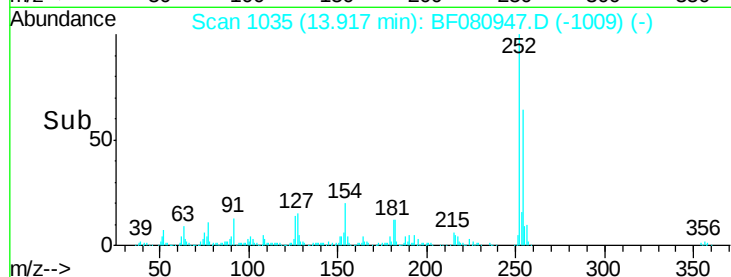
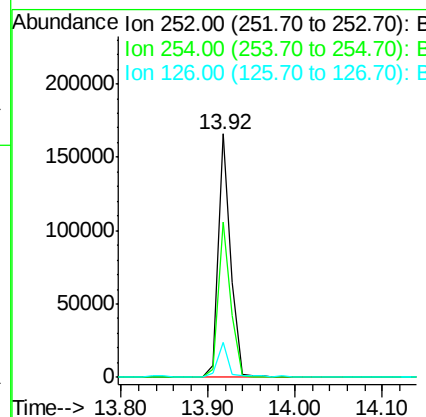
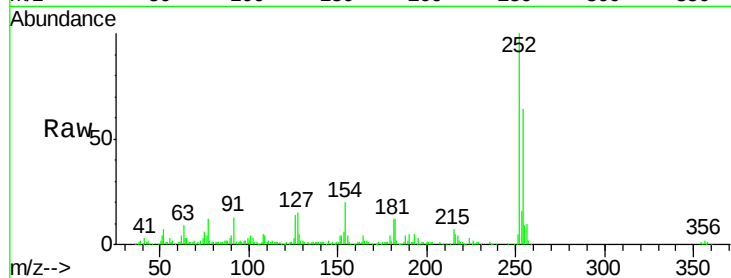




#81
 3,3'-Dichlorobenzidine
 Concen: 58.73 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

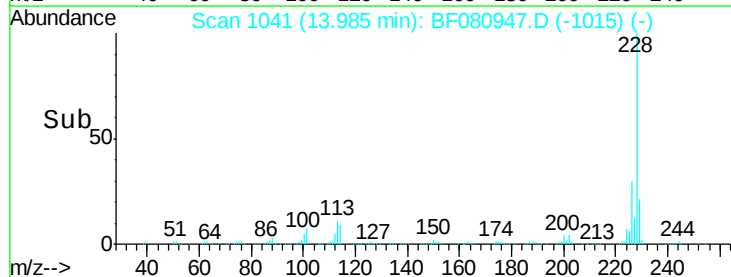
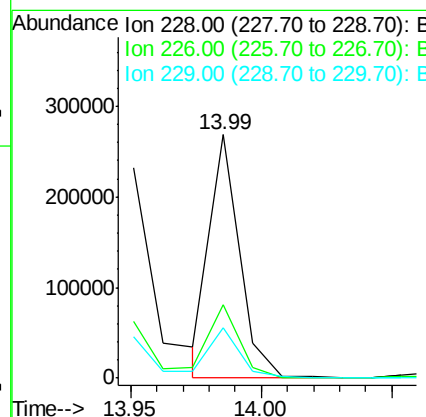
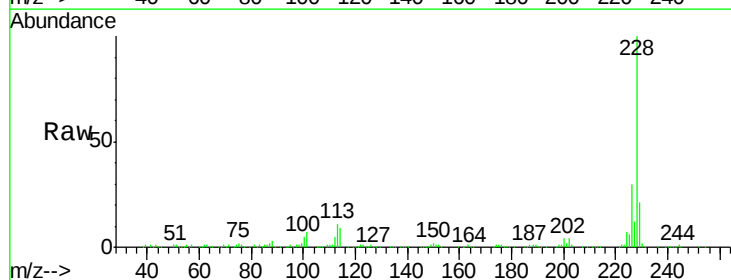
Instrument :
 BNA_F
 ClientSampleId :

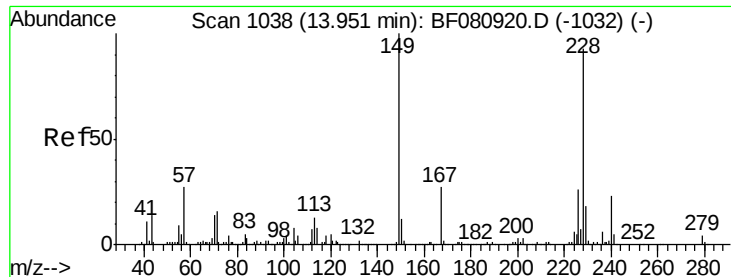
Tot Ion:252 Resp: 168965
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.7 77.5
 126 14.3 7.1 10.7#



#82
 Chrysene
 Concen: 28.25 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Tgt Ion:228 Resp: 213936
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.9 35.9
 229 20.7 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.08 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

Instrument :

BNA_F

ClientSampleId :

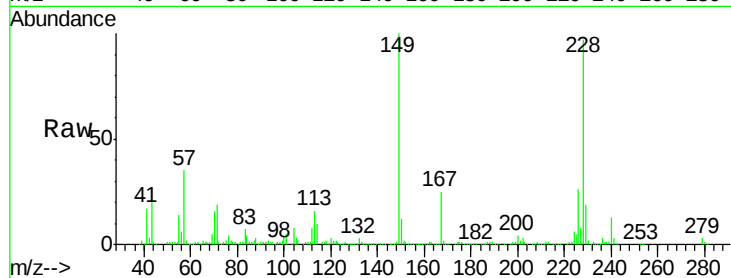
Tot Ion:149 Resp: 211461

Ion Ratio Lower Upper

149 100

167 25.2 21.4 32.0

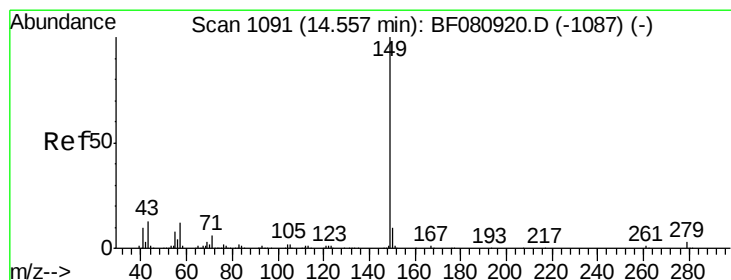
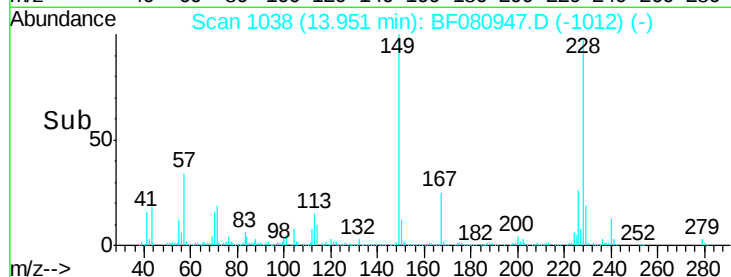
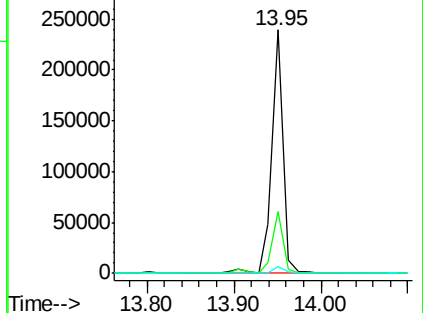
279 2.7 2.9 4.3#



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: 29.57 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

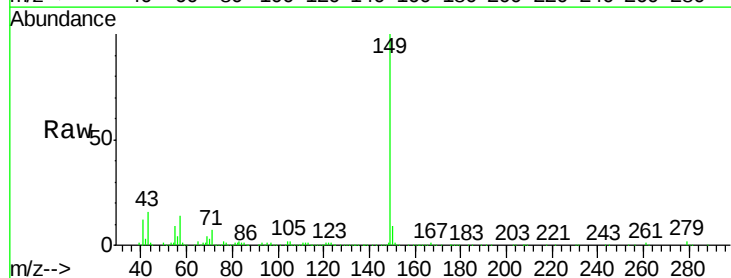
Tgt Ion:149 Resp: 311022

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

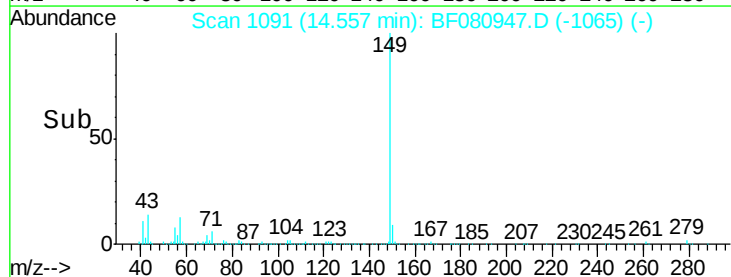
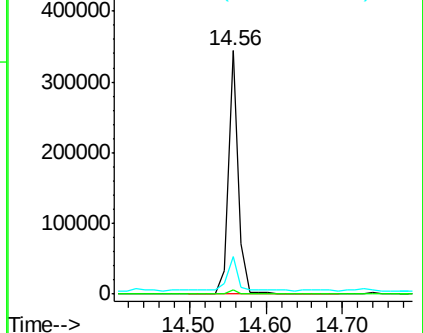
43 15.2 11.0 16.4

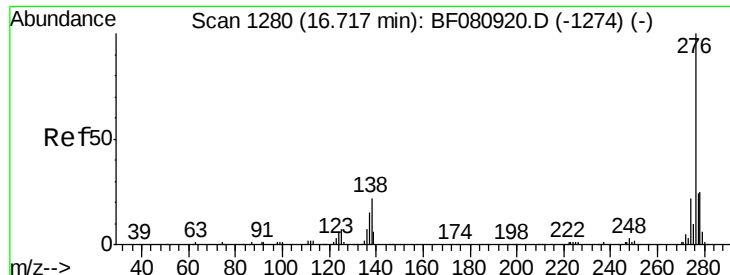


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

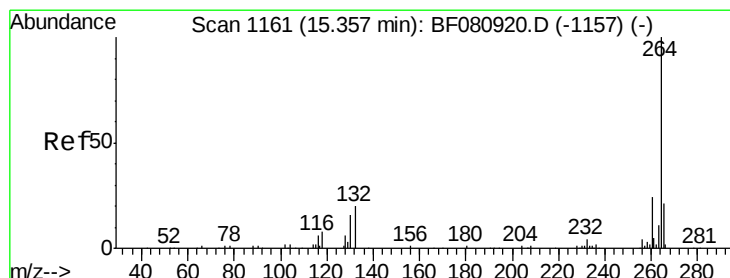
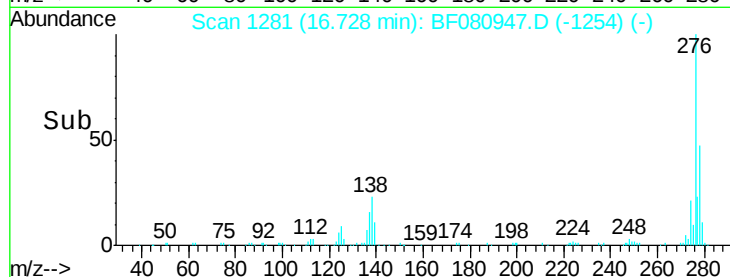
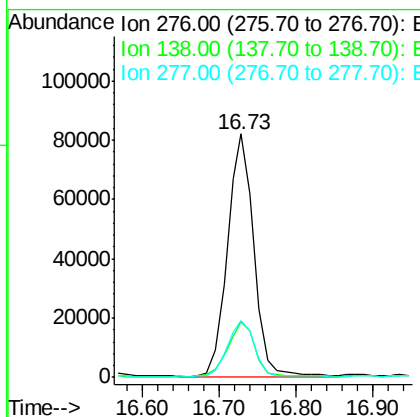
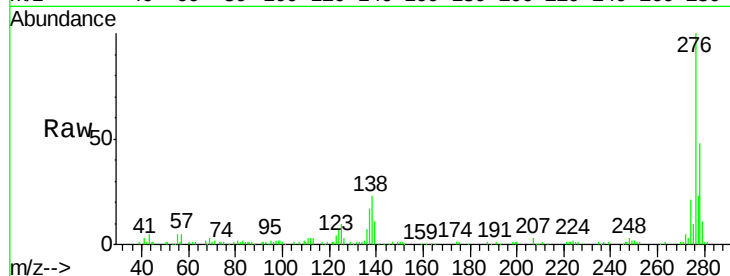




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.77 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. 0.01 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

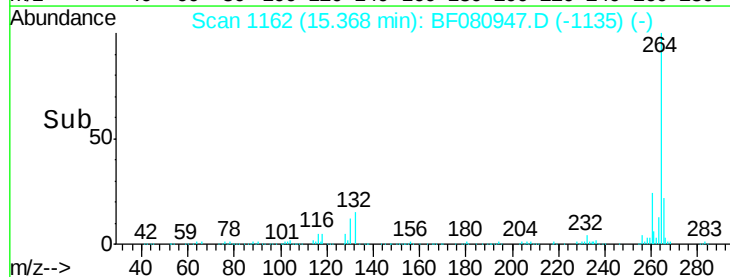
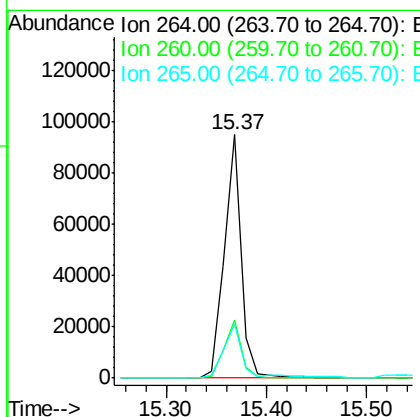
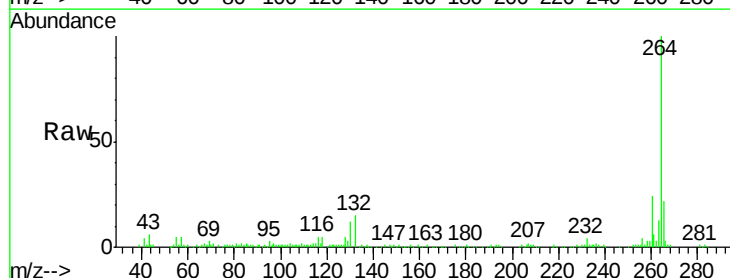
Instrument :
 BNA_F
 ClientSampleId :

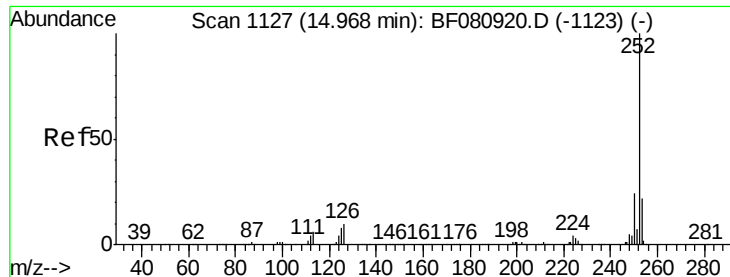
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.9	29.9
277	25.0	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF080947.D
 Acq: 8 Aug 2015 3:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	22.4	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 57.54 ng

RT: 14.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

Instrument :

BNA_F

ClientSampled :

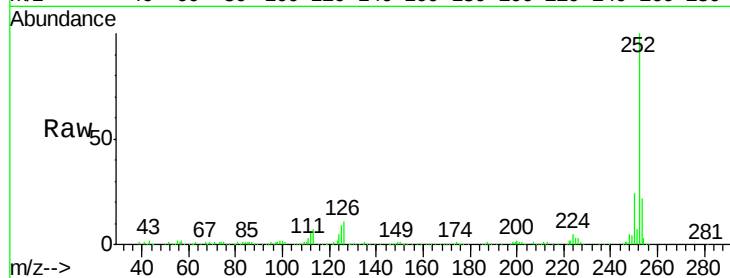
Tot Ion:252 Resp: 443726

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

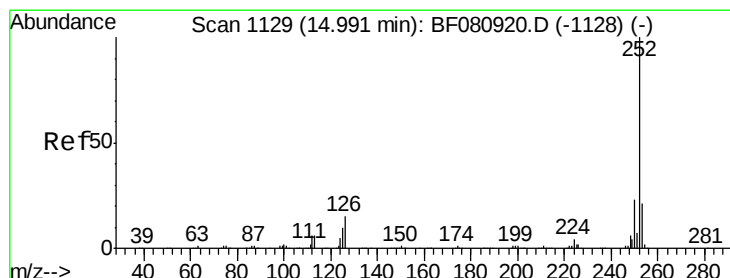
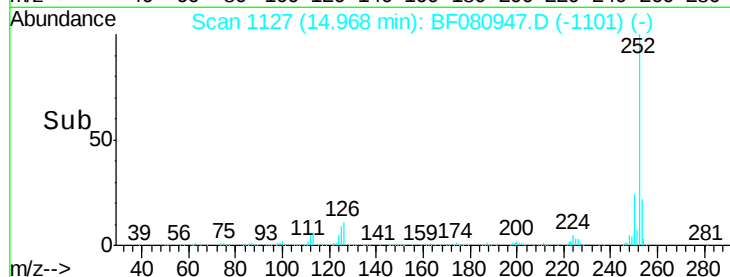
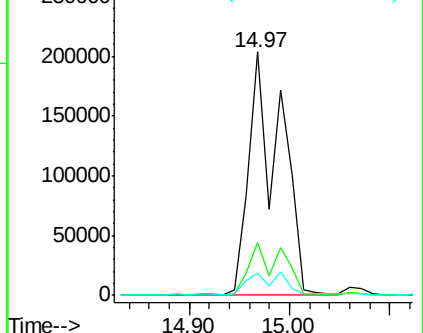
125 9.2 6.1 9.1#



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: 65.77 ng

RT: 14.97 min Scan# 1127

Delta R.T. -0.02 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

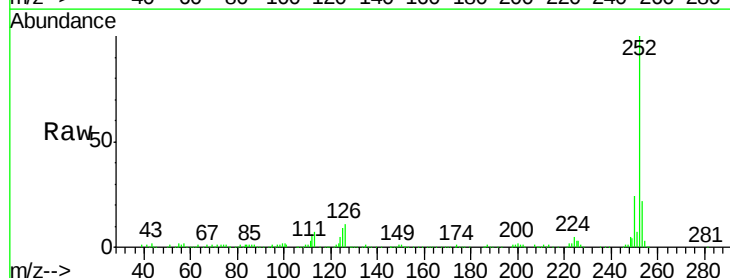
Tgt Ion:252 Resp: 443726

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

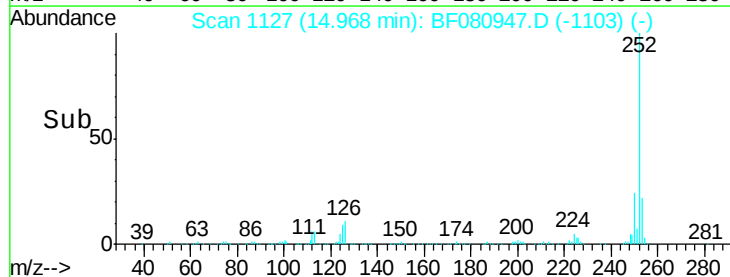
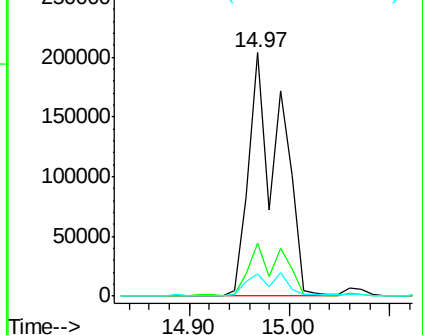
125 9.2 9.0 13.6

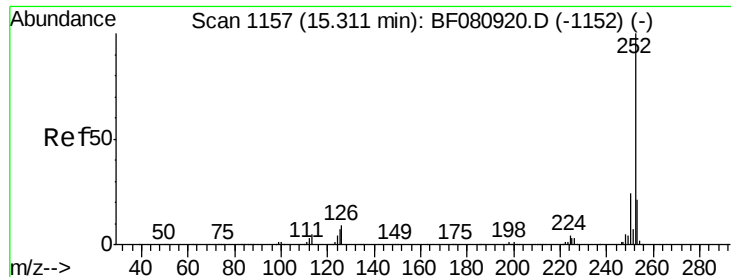


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 33.40 ng

RT: 15.31 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

Instrument :

BNA_F

ClientSampled :

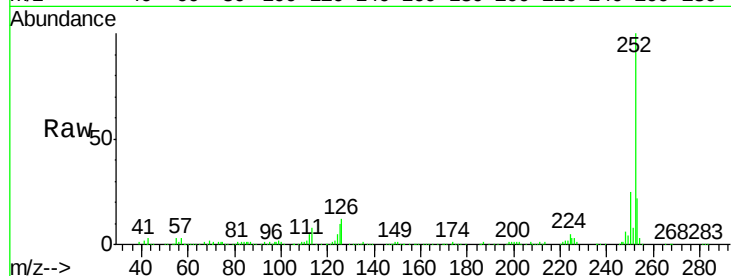
Tot Ion:252 Resp: 221389

Ion Ratio Lower Upper

252 100

253 22.1 16.9 25.3

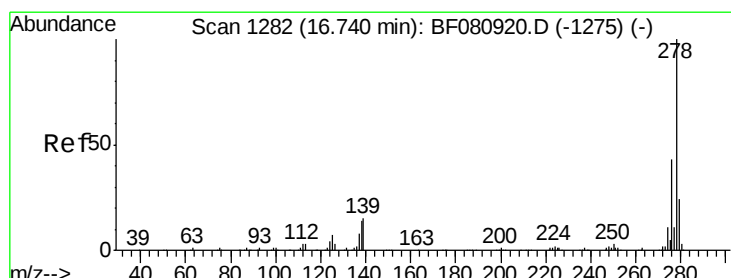
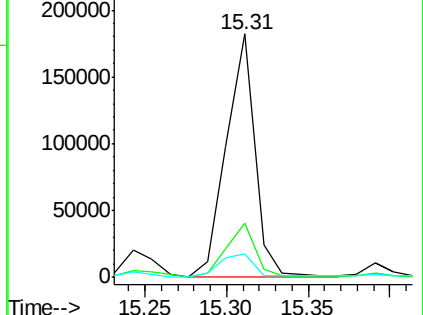
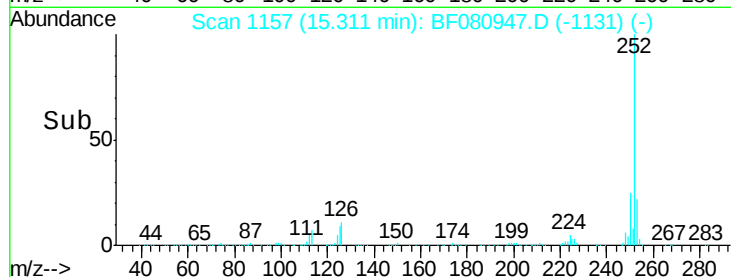
125 9.6 5.8 8.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 28.41 ng

RT: 16.74 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

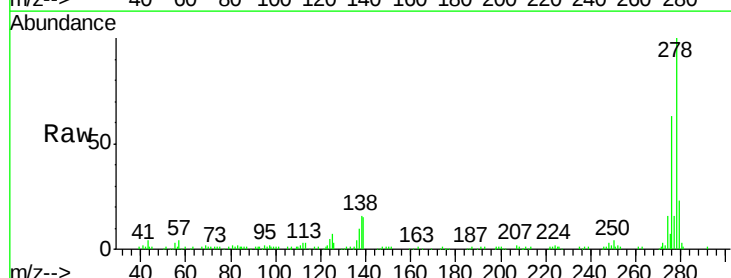
Tgt Ion:278 Resp: 166532

Ion Ratio Lower Upper

278 100

139 14.8 11.9 17.9

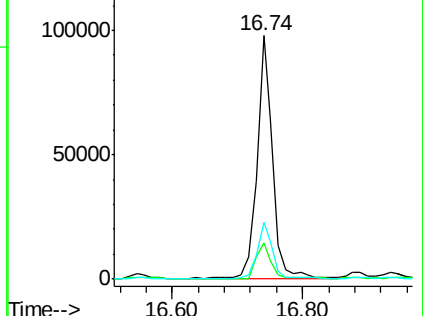
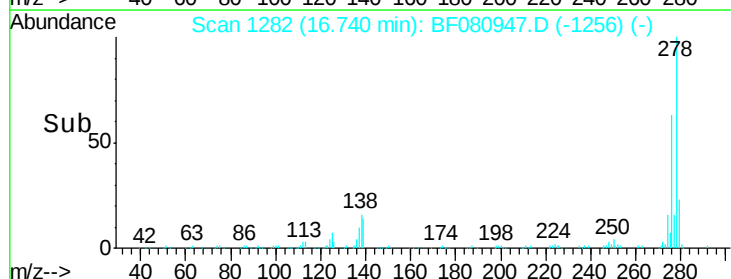
279 23.3 19.0 28.6

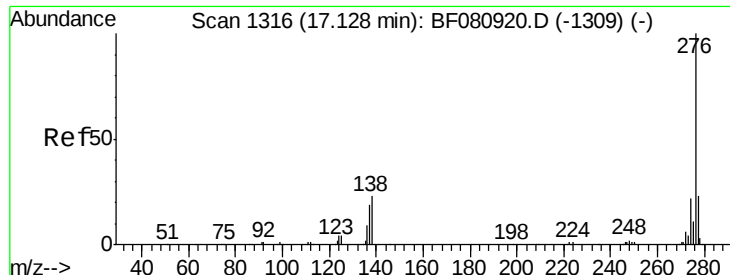


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 27.61 ng

RT: 17.14 min Scan# 1317

Delta R.T. 0.01 min

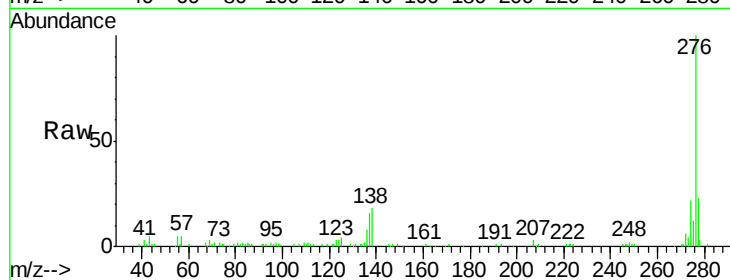
Lab File: BF080947.D

Acq: 8 Aug 2015 3:40

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	157420
Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	17.8	18.4	27.6

