

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080948.D
 Acq On : 8 Aug 2015 4:10
 Operator : TP/UM
 Sample : G3212-01MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 04:39:02 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	47525	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	210107	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	97105	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	189452	20.00	ng	0.01
75) Chrysene-d12	13.96	240	139144	20.00	ng	0.00
86) Perylene-d12	15.37	264	130249	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	367784	126.44	ng	0.03
7) Phenol-d6	6.46	99	570168	143.05	ng	0.02
23) Nitrobenzene-d5	7.38	82	322242	72.55	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	130329	122.17	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	464973	67.41	ng	0.00
78) Terphenyl-d14	12.91	244	469905	69.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	49126	35.61	ng	95
3) Pyridine	3.09	79	115696	29.57	ng	95
4) n-Nitrosodimethylamine	3.04	42	74294	37.20	ng	96
6) Aniline	6.48	93	66889	11.42	ng	# 1
8) 2-Chlorophenol	6.60	128	123612	36.73	ng	99
9) Benzaldehyde	6.35	77	108723	40.47	ng	96
10) Phenol	6.48	94	175349	37.08	ng	93
11) bis(2-Chloroethyl)ether	6.54	93	113972	32.28	ng	92
12) 1,3-Dichlorobenzene	6.75	146	120913	33.85	ng	# 94
13) 1,4-Dichlorobenzene	6.83	146	134008	36.10	ng	96
14) 1,2-Dichlorobenzene	6.98	146	110536	32.94	ng	96
15) Benzyl Alcohol	6.97	79	190337	58.35	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	237372	33.41	ng	92
17) 2-Methylphenol	7.08	107	106990	37.24	ng	# 93
18) Hexachloroethane	7.32	117	45930	32.30	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	92647	31.80	ng	94
20) 3+4-Methylphenols	7.23	107	133769	37.06	ng	94
22) Acetophenone	7.22	105	223105	43.34	ng	# 89
24) Nitrobenzene	7.40	77	138212	30.22	ng	# 81
25) Isophorone	7.64	82	263713	30.87	ng	96
26) 2-Nitrophenol	7.71	139	53507	27.80	ng	# 83
27) 2,4-Dimethylphenol	7.76	122	108998	30.25	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	139086	27.12	ng	98
29) 2,4-Dichlorophenol	7.96	162	99569	33.63	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	143623	44.38	ng	97
31) Naphthalene	8.12	128	381721	32.96	ng	99
32) Benzoic acid	7.84	122	6369	2.95	ng	94
33) 4-Chloroaniline	8.17	127	35125	7.46	ng	96
34) Hexachlorobutadiene	8.24	225	56655	29.42	ng	99
35) Caprolactam	8.53	113	41913	39.35	ng	# 67
36) 4-Chloro-3-methylphenol	8.66	107	107486	29.75	ng	95
37) 2-Methylnaphthalene	8.81	142	208102	28.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	124169	41.48	ng	98
40) Hexachlorocyclopentadiene	8.97	237	36137	22.12	ng	98

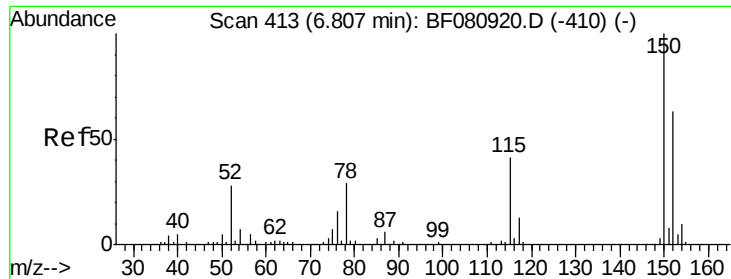
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	78239	35.66	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	75870	34.32	nq	97
45) 1,1'-Biphenyl	9.28	154	346709	41.60	nq	99
46) 2-Chloronaphthalene	9.30	162	209612	32.26	nq	96
47) 2-Nitroaniline	9.39	65	80631	30.95	nq	90
48) Acenaphthylene	9.71	152	351404	31.11	nq	100
49) Dimethylphthalate	9.58	163	396533	49.16	nq	98
50) 2,6-Dinitrotoluene	9.64	165	60985	36.60	nq	# 56
51) Acenaphthene	9.88	154	201830	29.17	nq	99
52) 3-Nitroaniline	9.80	138	35992	17.52	nq	92
53) 2,4-Dinitrophenol	9.90	184	8151	13.57	nq	# 84
54) Dibenzofuran	10.05	168	306640	32.78	nq	99
55) 4-Nitrophenol	9.98	139	115221	74.92	nq	97
56) 2,4-Dinitrotoluene	10.04	165	82815	37.14	nq	# 65
57) Fluorene	10.40	166	258853	35.77	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	59292	33.89	nq	95
59) Diethylphthalate	10.28	149	276780	32.96	nq	96
60) 4-Chlorophenyl-phenylether	10.40	204	112261	31.84	nq	# 73
61) 4-Nitroaniline	10.42	138	63169	29.88	nq	98
62) Azobenzene	10.54	77	319997	34.08	nq	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	15330	13.06	nq	# 74
65) n-Nitrosodiphenylamine	10.51	169	233650	35.50	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	62154	30.98	nq	90
67) Hexachlorobenzene	10.94	284	76055	34.09	nq	# 88
68) Atrazine	11.05	200	84971	44.03	nq	92
69) Pentachlorophenol	11.14	266	80827	62.31	nq	99
70) Phenanthrene	11.36	178	468809	43.70	nq	99
71) Anthracene	11.40	178	354729	33.40	nq	100
72) Carbazole	11.56	167	324217	31.35	nq	# 97
73) Di-n-butylphthalate	11.89	149	461146	35.67	nq	100
74) Fluoranthene	12.55	202	752300	64.87	nq	98
76) Benzidine	12.67	184	268640	52.48	nq	97
77) Pyrene	12.77	202	656093	63.83	nq	99
79) Butylbenzylphthalate	13.39	149	187521	37.84	nq	# 82
80) Benzo(a)anthracene	13.95	228	399108	45.41	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	192992	60.36	nq	# 97
82) Chrysene	13.99	228	343096	40.77	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	256030	37.13	nq	# 98
84) Di-n-octyl phthalate	14.56	149	370727	31.71	nq	# 98
85) Indeno(1,2,3-cd)pyrene	16.73	276	257915	32.20	nq	98
87) Benzo(b)fluoranthene	15.00	252	689019	76.07	nq	98
88) Benzo(k)fluoranthene	15.00	252	689019	86.96	nq	# 95
89) Benzo(a)pyrene	15.31	252	319462	41.04	nq	# 95
90) Dibenzo(a,h)anthracene	16.75	278	203976	29.63	nq	98
91) Benzo(g,h,i)perylene	17.14	276	198884	29.70	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

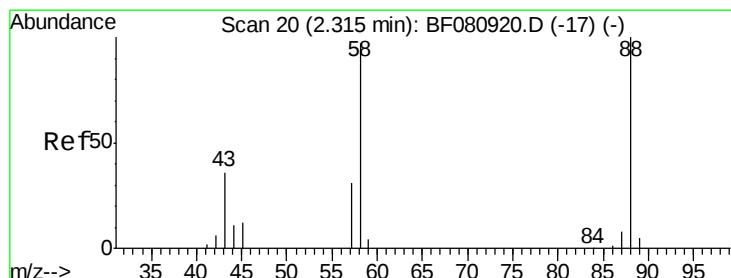
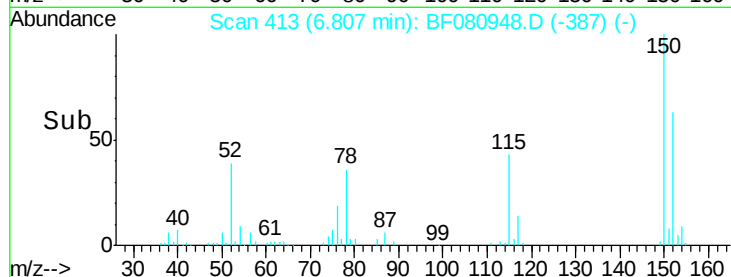
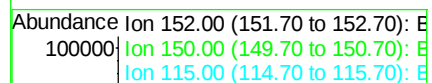
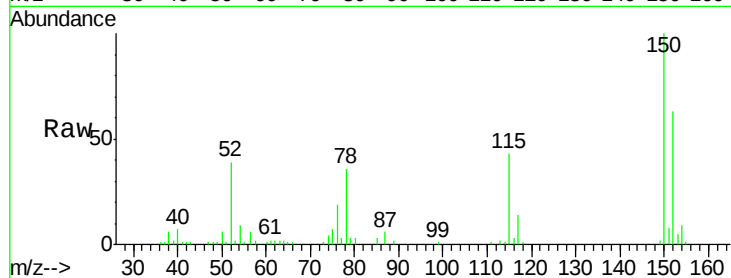
Tot Ion:152 Resp: 47525

Ion Ratio Lower Upper

152 100

150 158.7 127.4 191.2

115 69.0 52.6 78.8



#2

1,4-Dioxane

Concen: 35.61 ng

RT: 2.38 min Scan# 26

Delta R.T. 0.07 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

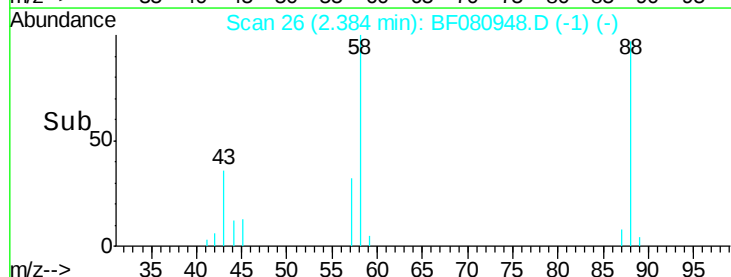
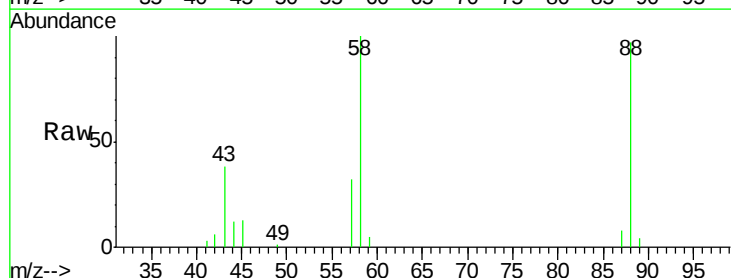
Tgt Ion: 88 Resp: 49126

Ion Ratio Lower Upper

88 100

58 103.0 79.3 118.9

43 40.7 28.3 42.5



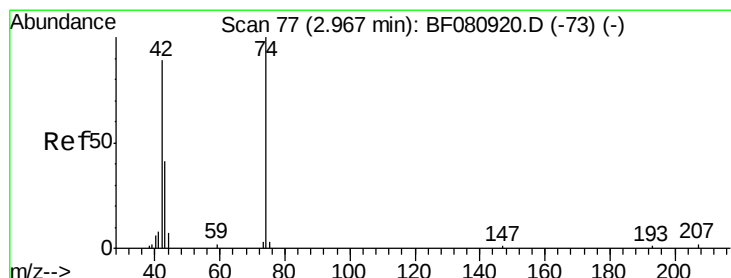
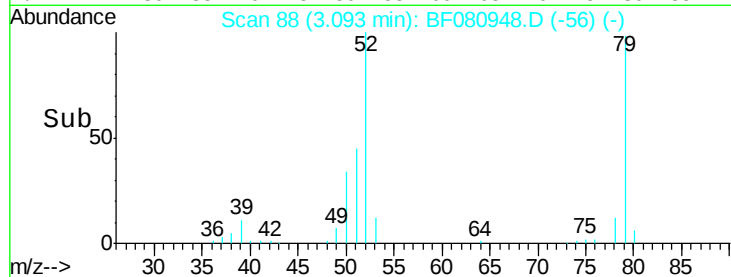
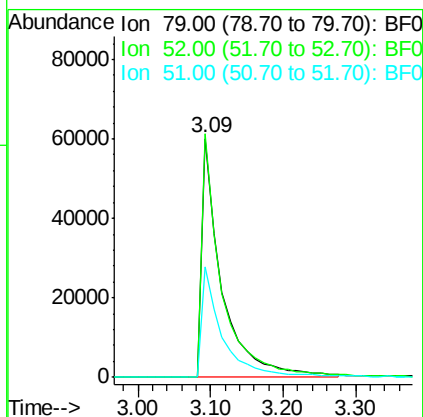
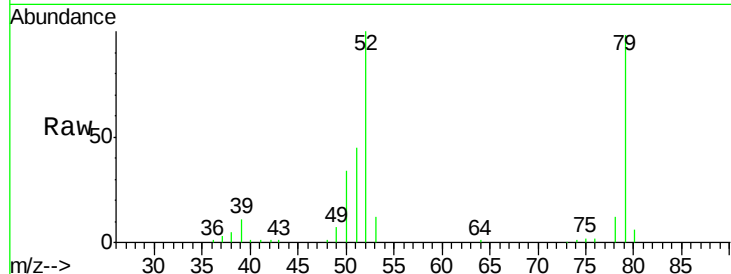


#3
Pvridine
Concen: 29.57 ng
RT: 3.09 min Scan# 88
Delta R.T. 0.07 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 115696

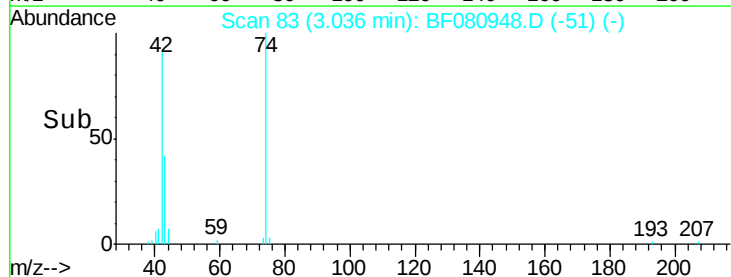
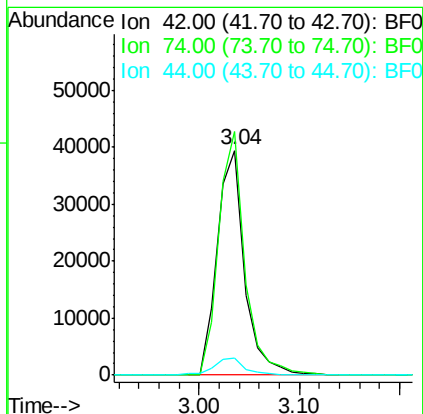
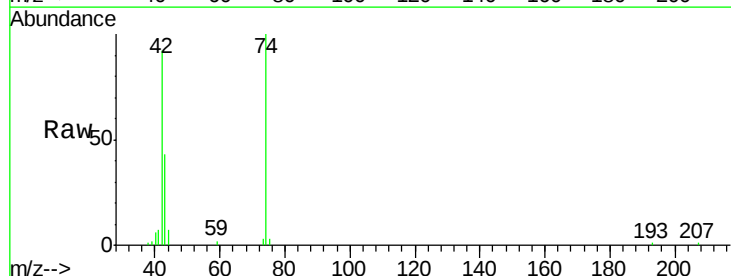
Ion	Ratio	Lower	Upper
79	100		
52	102.1	77.2	115.8
51	46.2	35.0	52.4

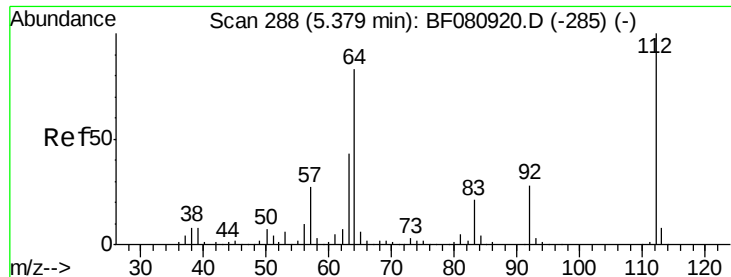


#4
n-Nitrosodimethylamine
Concen: 37.20 ng
RT: 3.04 min Scan# 83
Delta R.T. 0.07 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

Tgt Ion: 42 Resp: 74294

Ion	Ratio	Lower	Upper
42	100		
74	108.2	89.8	134.8
44	7.8	6.5	9.7





#5

2-Fluorophenol

Concen: 126.44 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.03 min

Lab File: BF080948.D

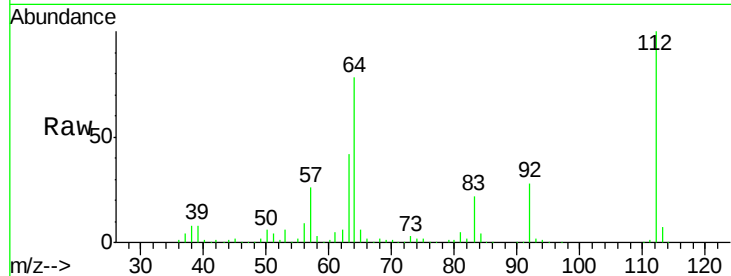
Acq: 8 Aug 2015 4:10

Instrument :

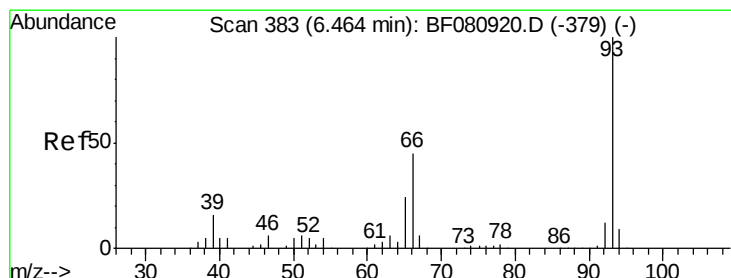
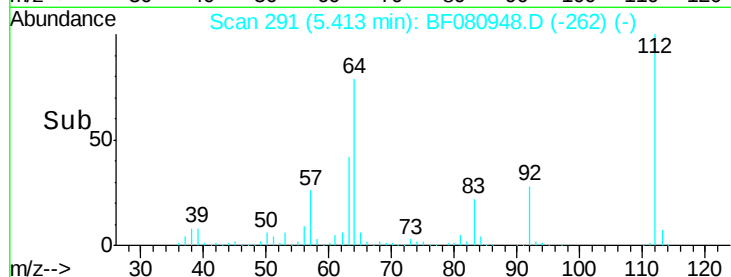
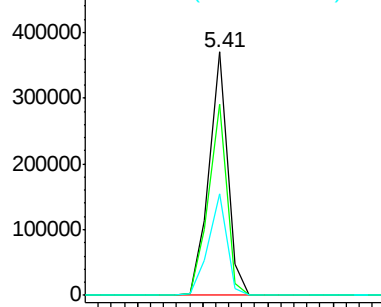
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	367784
Ion	Ratio	Lower	Upper
112	100		
64	78.4	66.1	99.1
63	41.9	34.6	52.0



Abundance Ion 112.00 (111.70 to 112.70): BF080948.D (-285) (-)



#6

Aniline

Concen: 11.42 ng

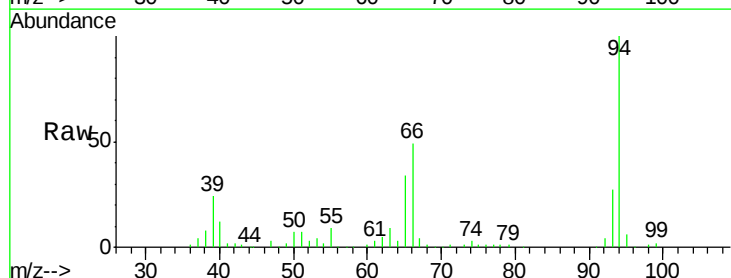
RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

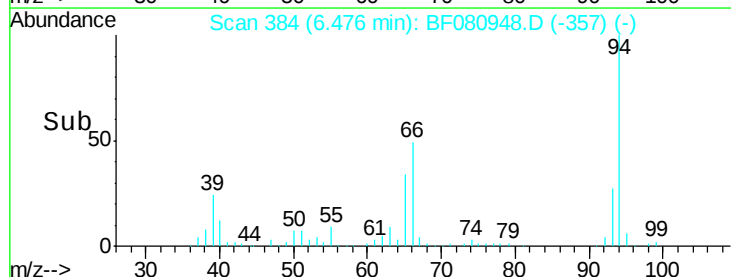
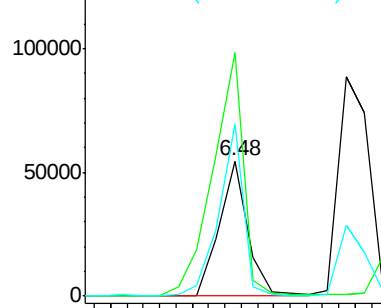
Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Tgt Ion:	93	Resp:	66889
Ion	Ratio	Lower	Upper
93	100		
66	179.9	36.2	54.4#
65	126.7	19.0	28.4#



Abundance Ion 93.00 (92.70 to 93.70): BF080948.D (-379) (-)





#7

Phenol-d6

Concen: 143.05 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.02 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampled :

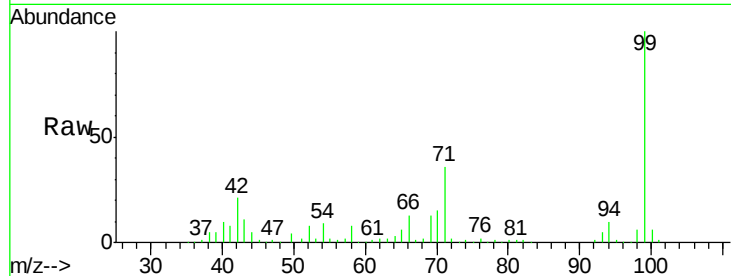
Tot Ion: 99 Resp: 570168

Ion Ratio Lower Upper

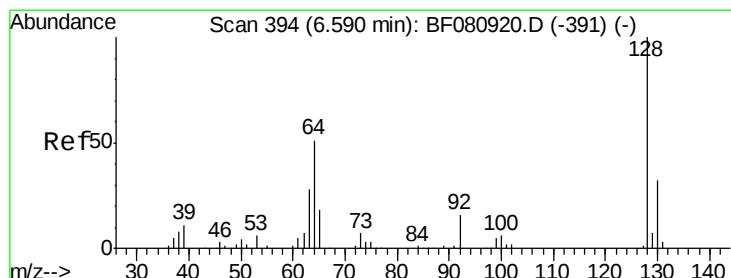
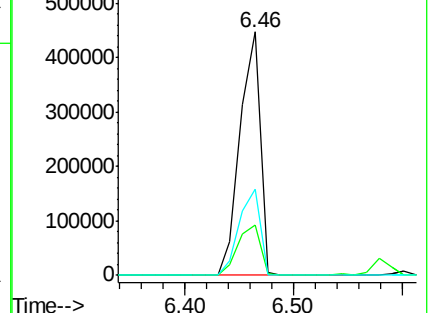
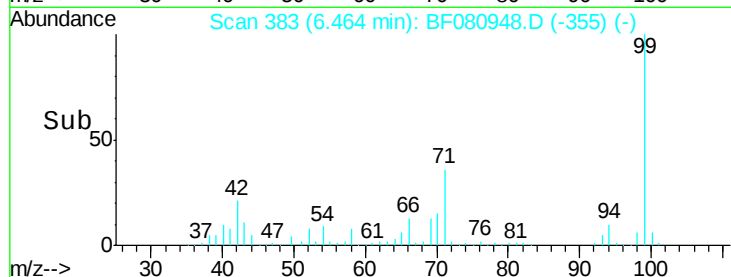
99 100

42 20.6 14.4 21.6

71 35.6 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: 36.73 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

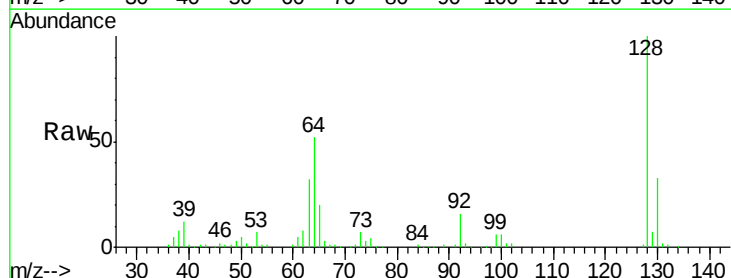
Tgt Ion: 128 Resp: 123612

Ion Ratio Lower Upper

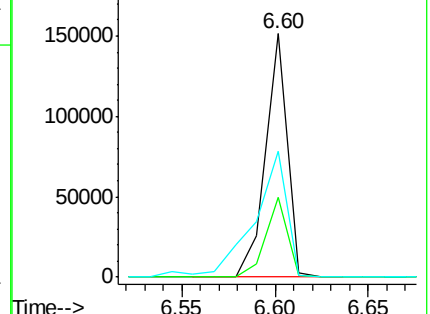
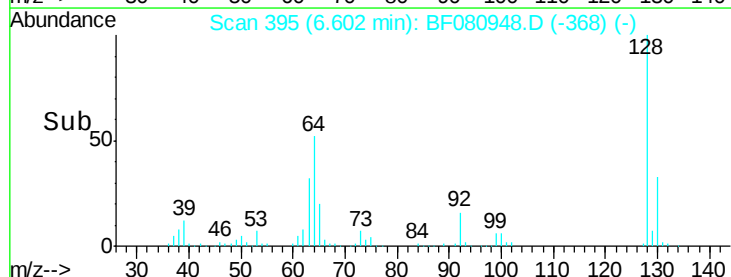
128 100

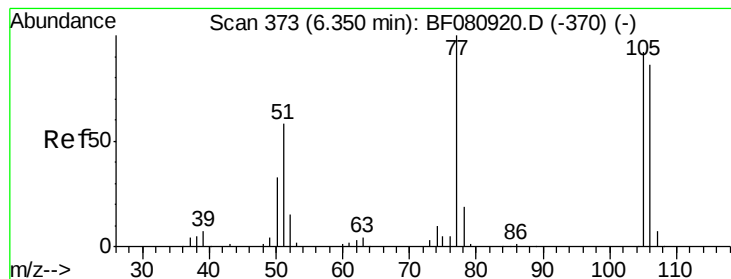
130 32.6 12.4 52.4

64 51.6 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: 40.47 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampled :

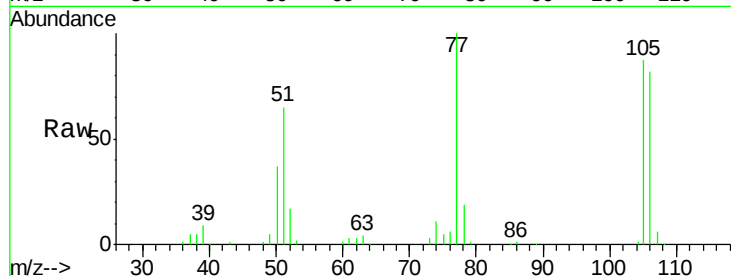
Tot Ion: 77 Resp: 108723

Ion Ratio Lower Upper

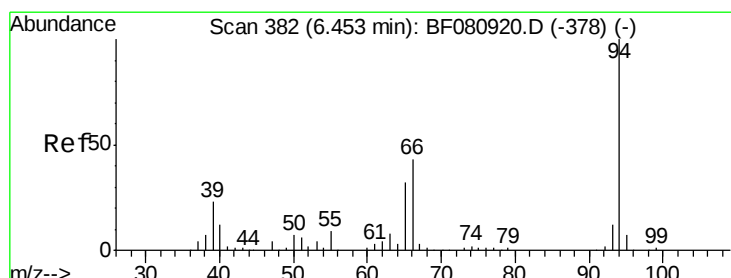
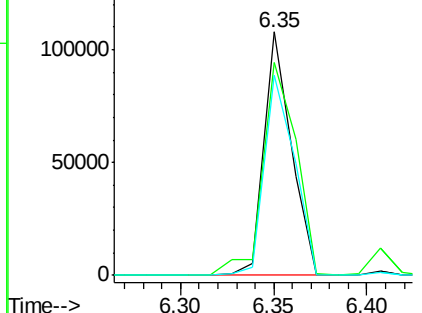
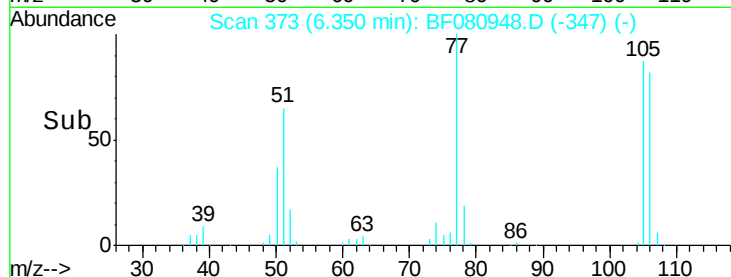
77 100

105 87.3 71.6 111.6

106 82.1 65.7 105.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 37.08 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.02 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

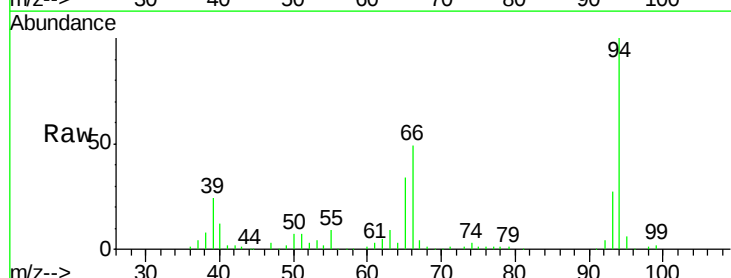
Tgt Ion: 94 Resp: 175349

Ion Ratio Lower Upper

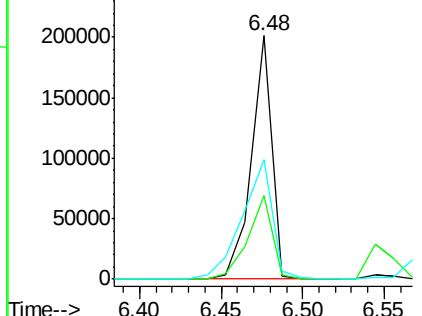
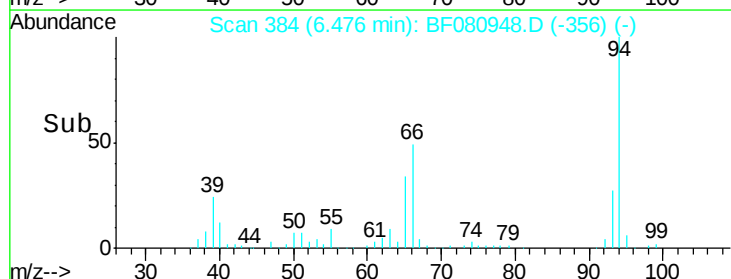
94 100

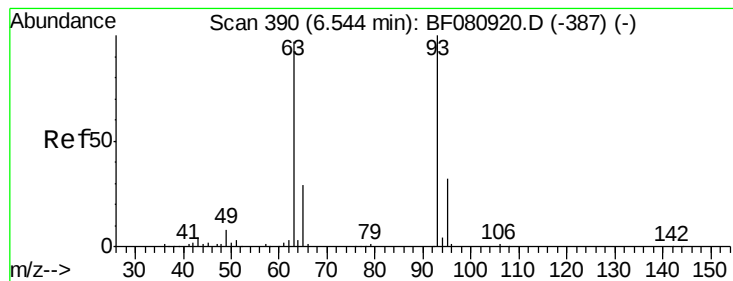
65 34.4 11.8 51.8

66 48.8 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

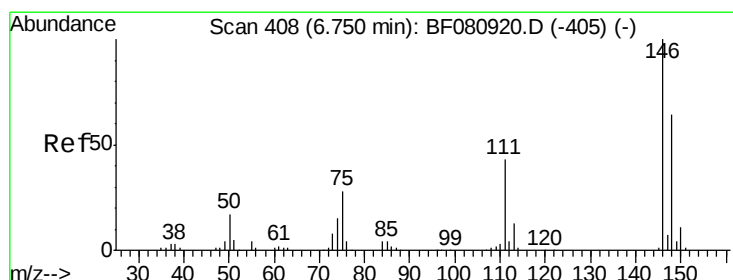
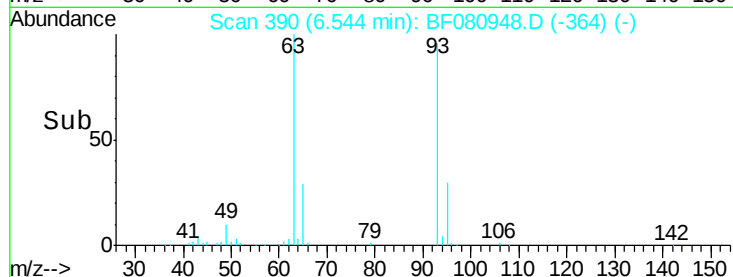
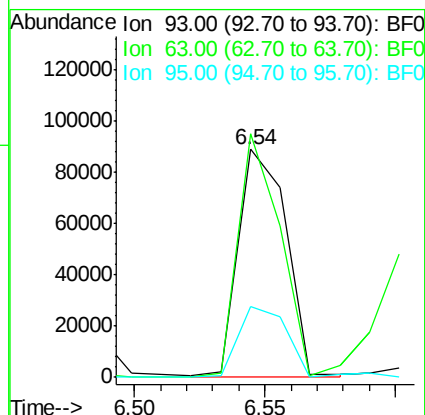
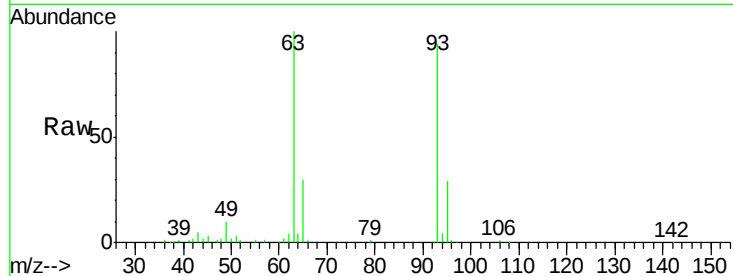




#11
bis(2-Chloroethyl)ether
Concen: 32.28 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

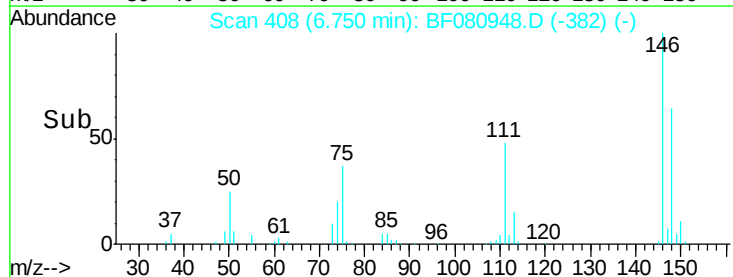
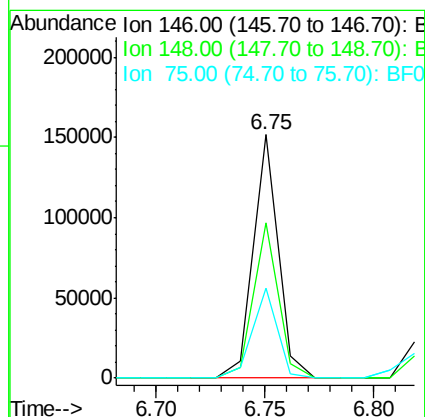
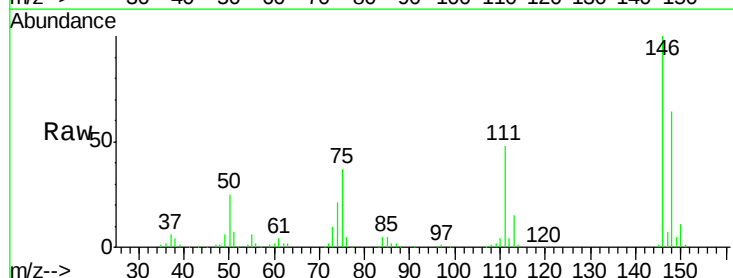
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 113972
Ion Ratio Lower Upper
93 100
63 106.9 76.7 116.7
95 31.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 33.85 ng
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

Tgt Ion: 146 Resp: 120913
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.0
75 37.2 22.2 33.4#

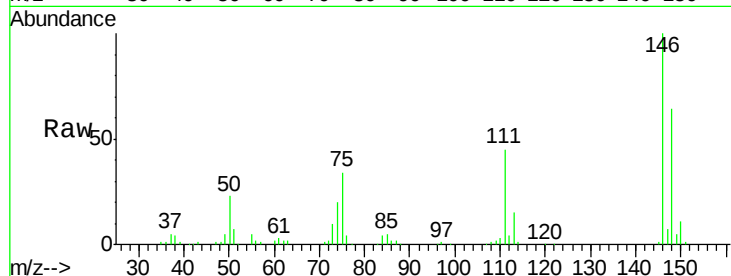




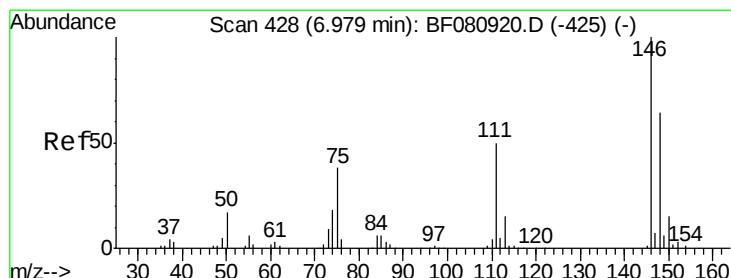
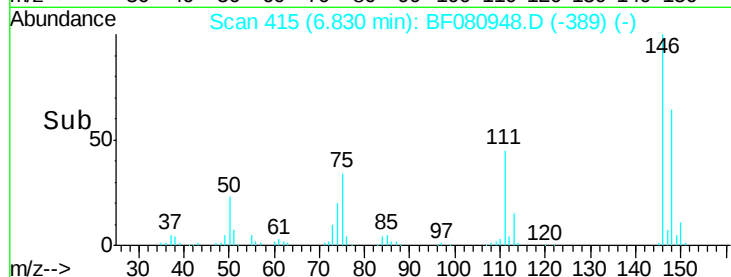
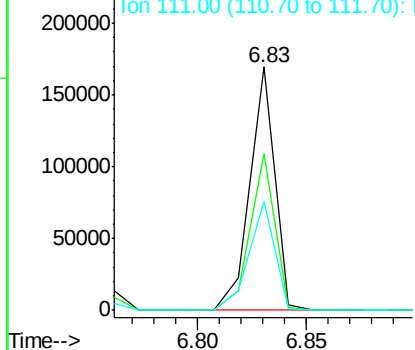
#13
 1,4-Dichlorobenzene
 Concen: 36.10 ng
 RT: 6.83 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 134008
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.4
 111 45.0 31.5 47.3

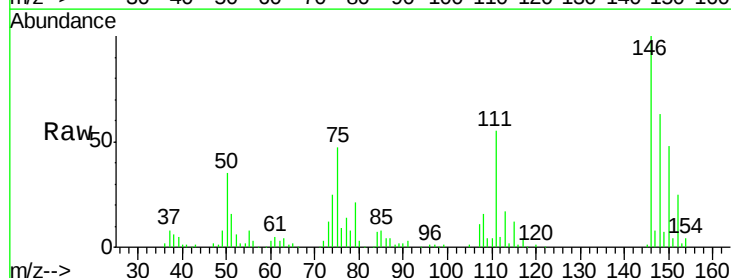


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

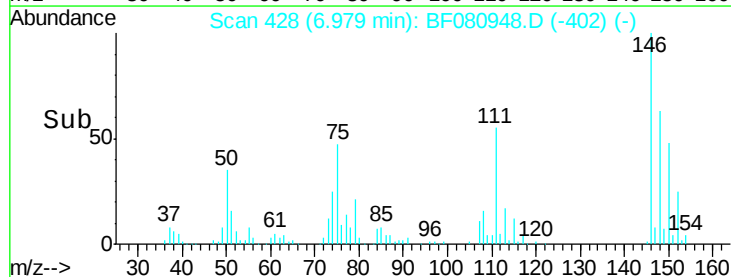
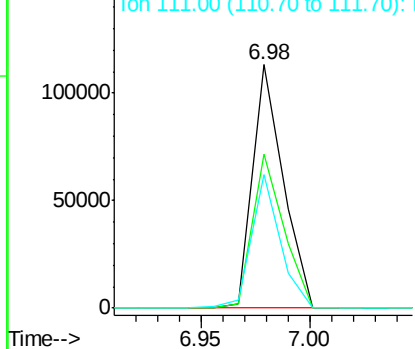


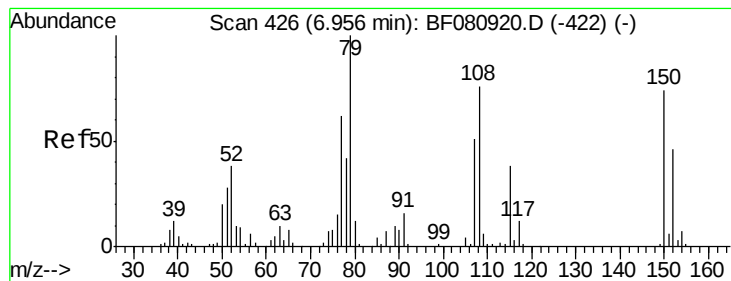
#14
 1,2-Dichlorobenzene
 Concen: 32.94 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

Tgt Ion:146 Resp: 110536
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.1 76.7
 111 54.9 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: 58.35 ng

RT: 6.97 min Scan# 427

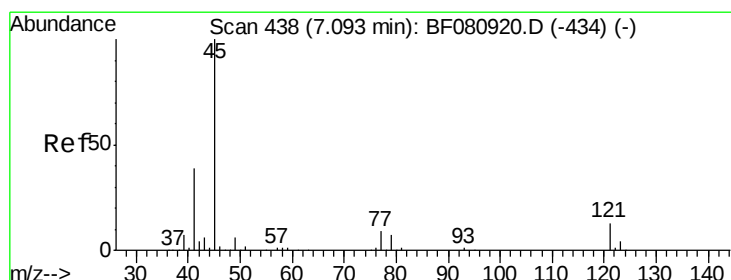
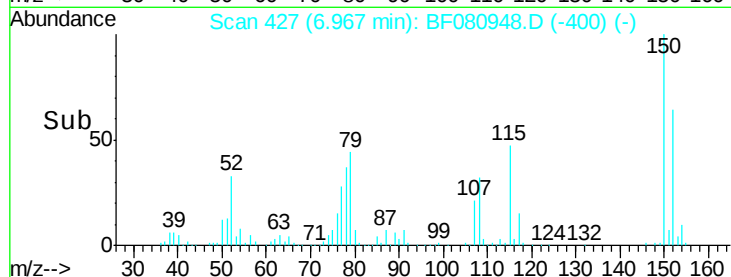
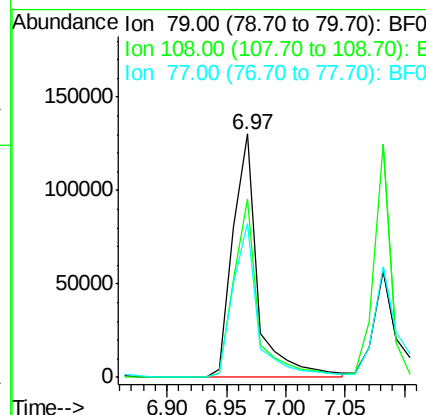
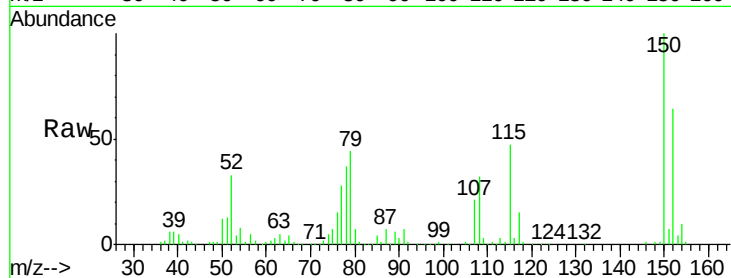
Delta R.T. 0.01 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	79	Resp:	190337
Ion	Ratio	Lower	Upper
79	100		
108	73.1	60.9	91.3
77	63.3	49.4	74.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.41 ng

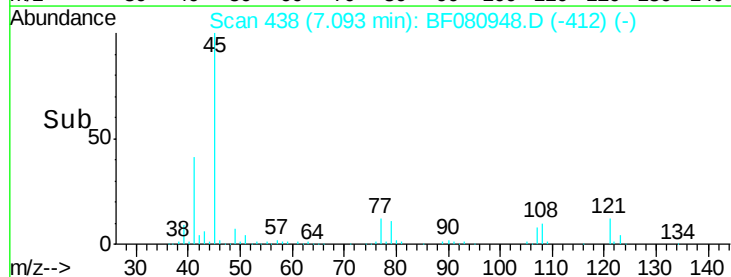
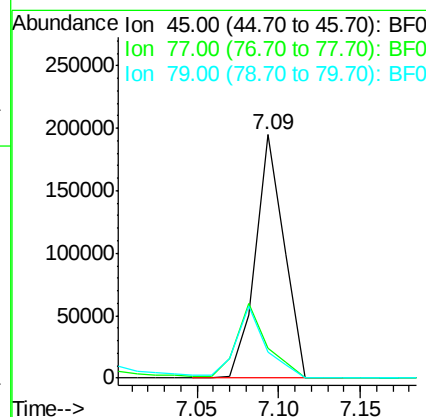
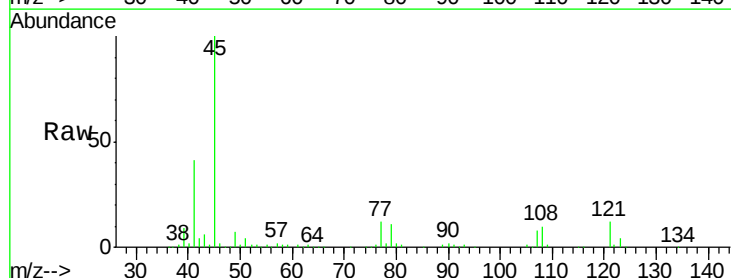
RT: 7.09 min Scan# 438

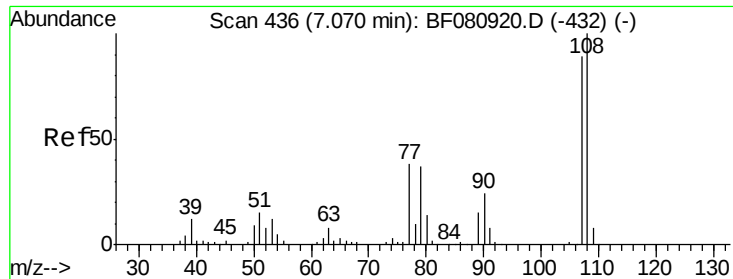
Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Tgt Ion:	45	Resp:	237372
Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	29.6
79	10.6	0.0	27.7

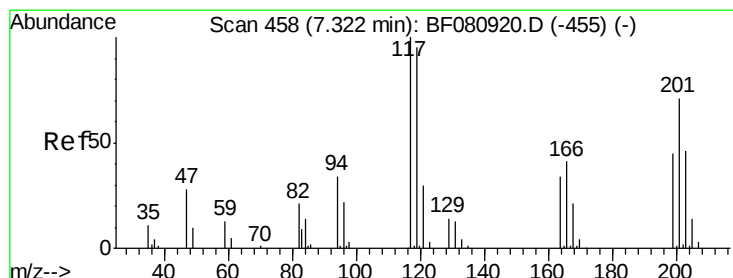
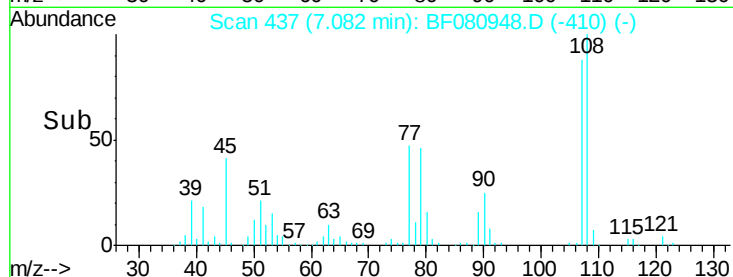
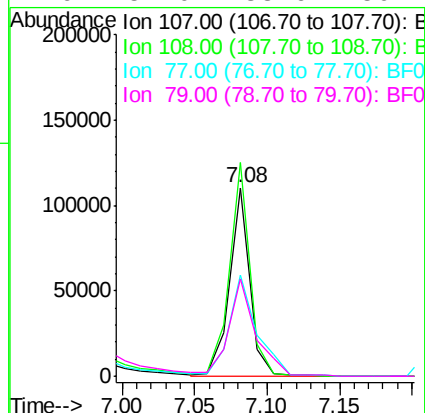
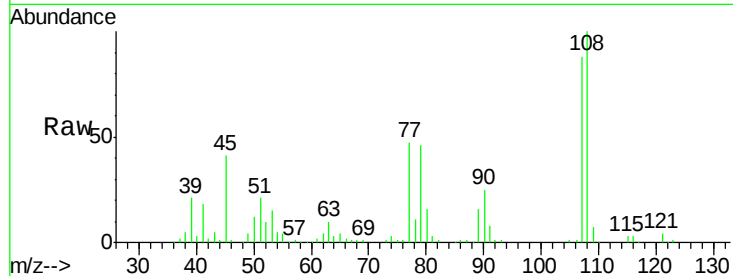




#17
2-Methylphenol
Concen: 37.24 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.01 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

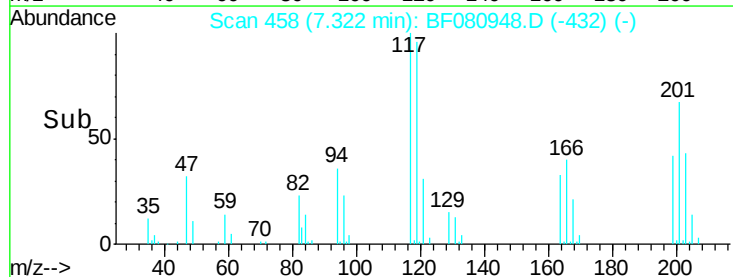
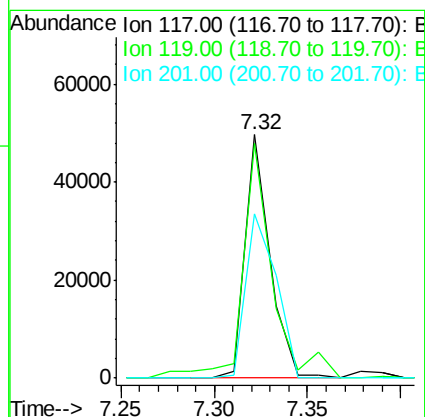
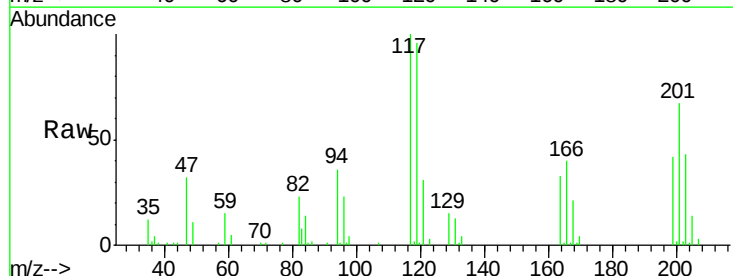
Instrument :
BNA_F
ClientSampled :

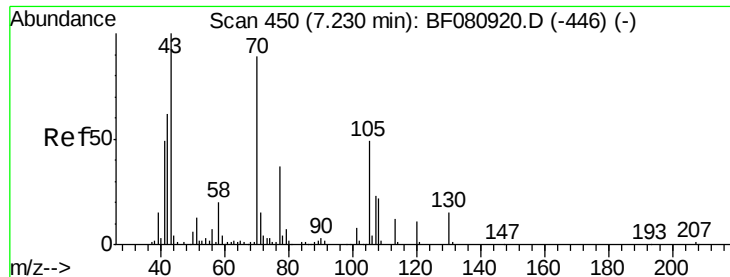
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.3	135.5
77	53.8	34.6	51.8#
79	52.0	33.6	50.4#



#18
Hexachloroethane
Concen: 32.30 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.3	114.5
201	67.4	57.0	85.6

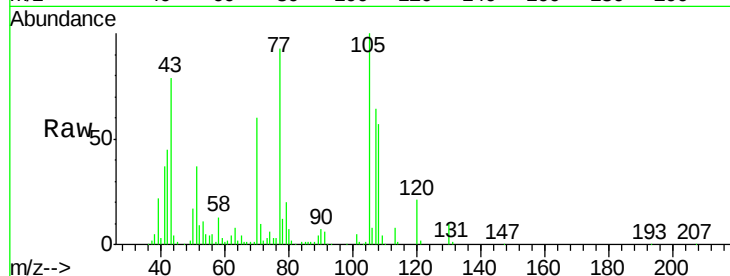




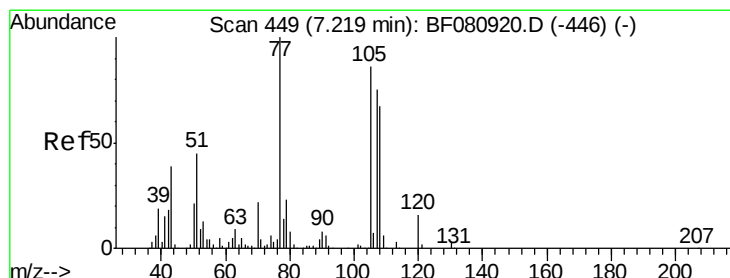
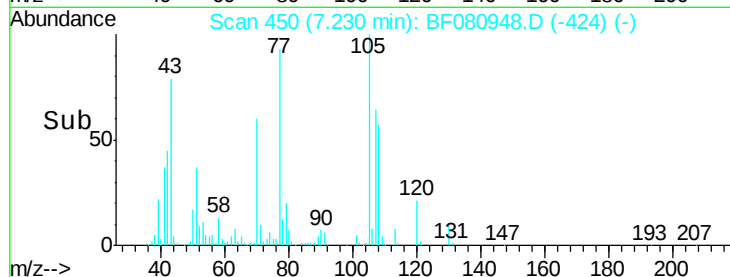
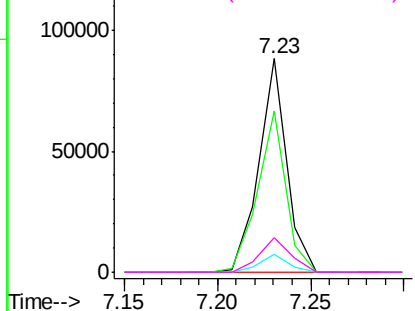
#19
n-Nitroso-di-n-propylamine
Concen: 31.80 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 92647
Ion Ratio Lower Upper
70 100
42 75.7 55.7 83.5
101 8.2 7.0 10.6
130 15.9 13.8 20.8



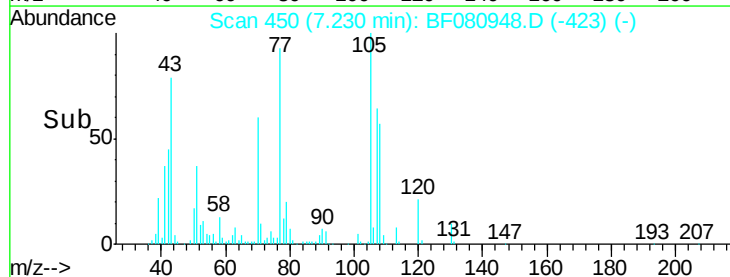
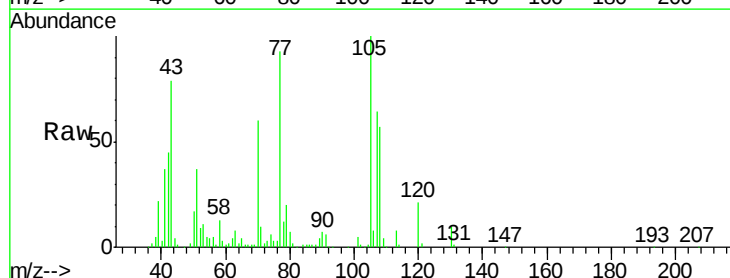
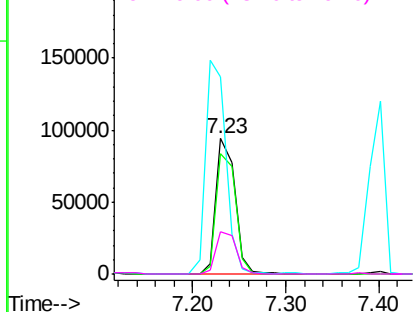
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

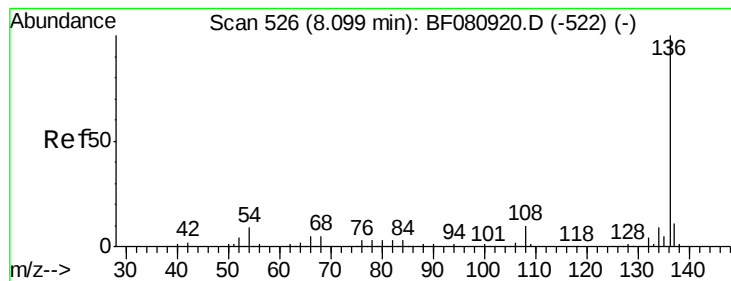


#20
3+4-Methylphenols
Concen: 37.06 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

Tgt Ion:107 Resp: 133769
Ion Ratio Lower Upper
107 100
108 88.4 69.2 109.2
77 144.9 113.0 153.0
79 31.2 10.3 50.3

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF080948.D

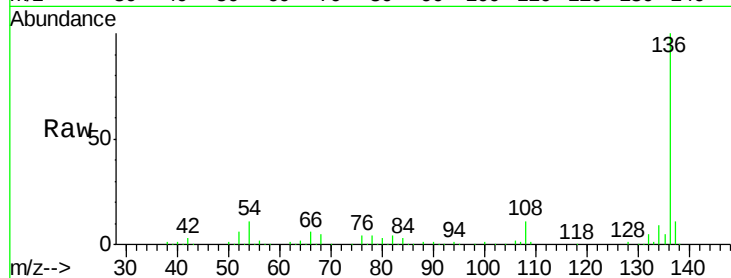
Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	210107
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	10.6	7.1 10.7
68	5.2	3.8 5.8

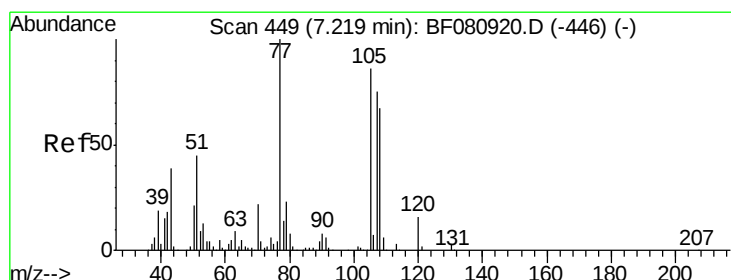
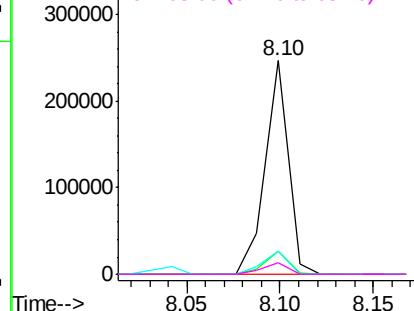
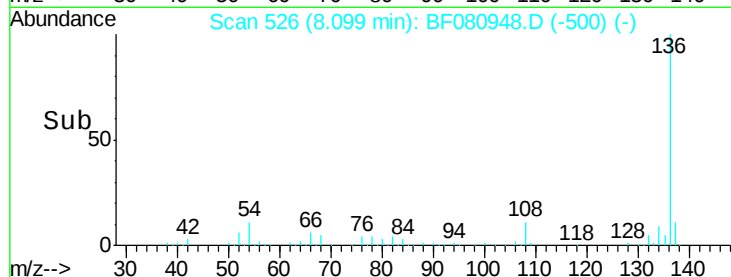


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.34 ng

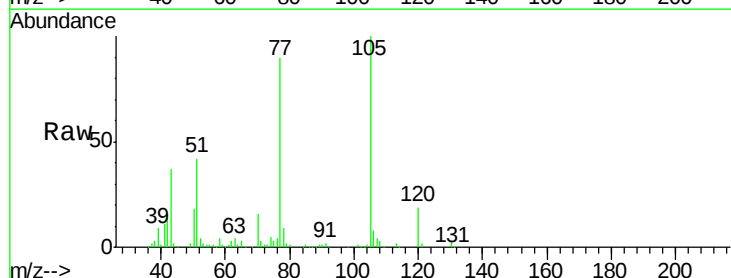
RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Tgt Ion:105	Resp:	223105
Ion Ratio	Lower	Upper
105	100	
71	2.8	3.3 4.9#
51	41.7	41.8 62.6#
120	19.5	15.1 22.7

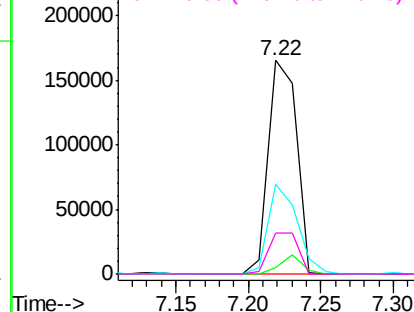
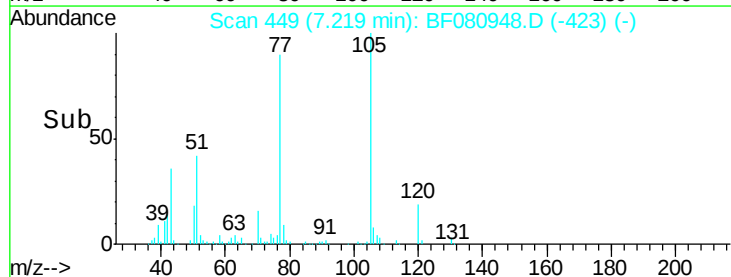


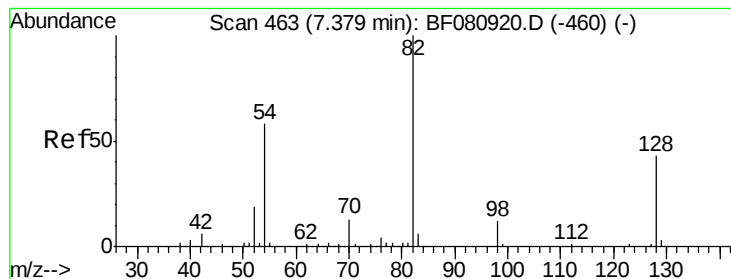
Abundance Ion 105.00 (104.70 to 105.70): E

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: 72.55 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

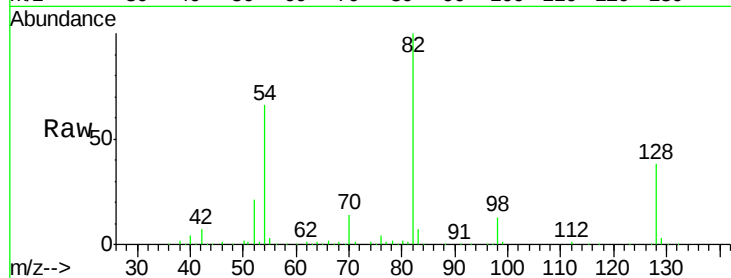
Tot Ion: 82 Resp: 322242

Ion Ratio Lower Upper

82 100

128 37.6 34.1 51.1

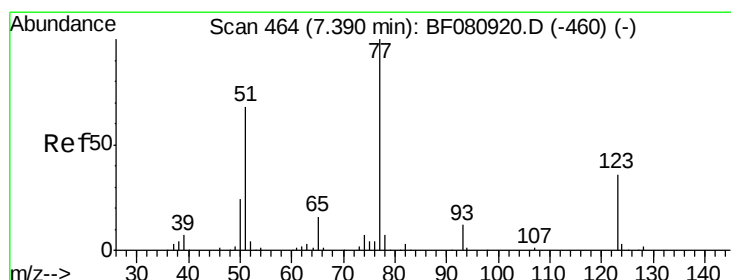
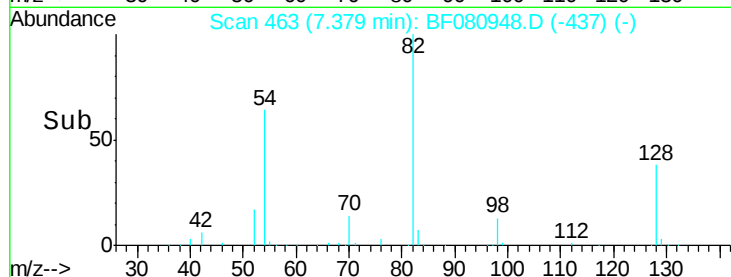
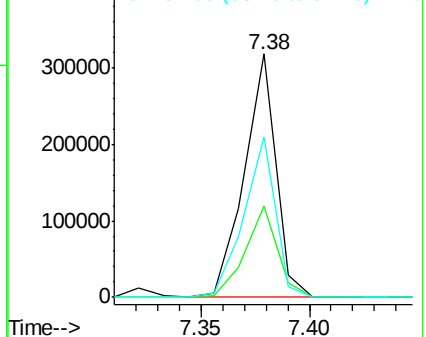
54 66.1 46.5 69.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 30.22 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.01 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

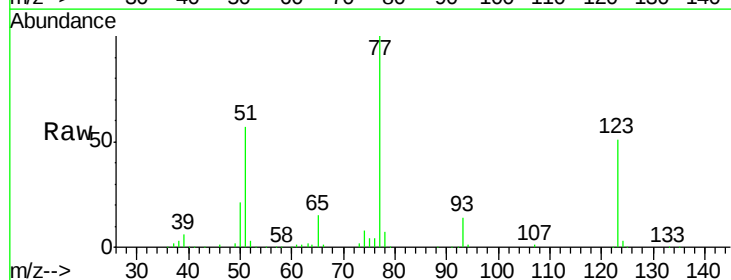
Tgt Ion: 77 Resp: 138212

Ion Ratio Lower Upper

77 100

123 51.3 28.7 43.1#

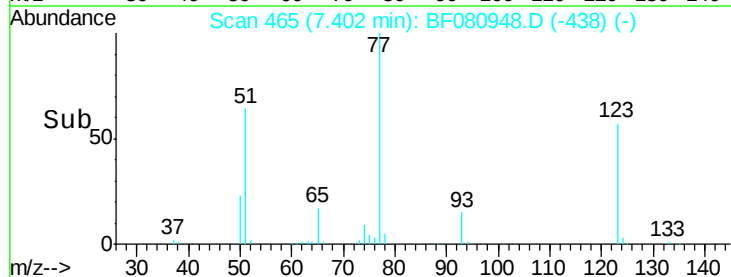
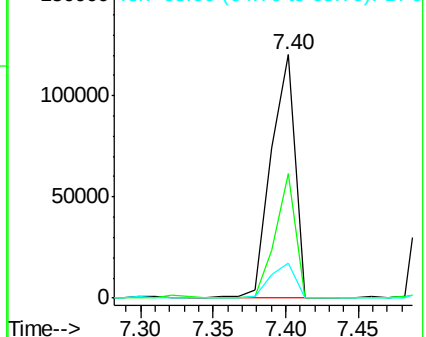
65 14.6 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 30.87 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

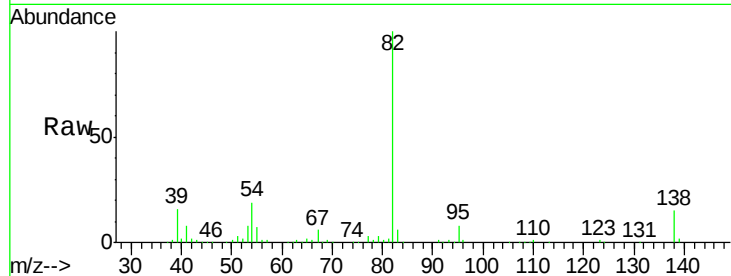
Tot Ion: 82 Resp: 263713

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

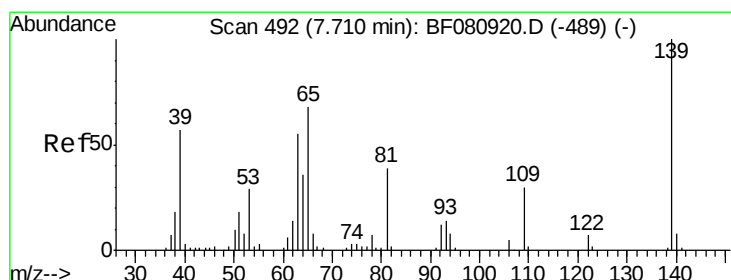
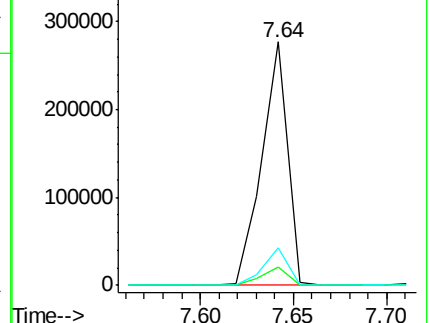
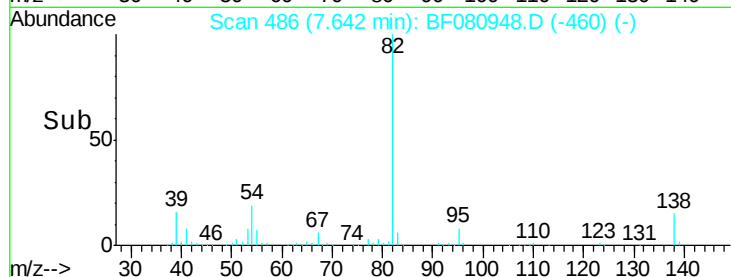
138 15.4 14.1 21.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 27.80 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

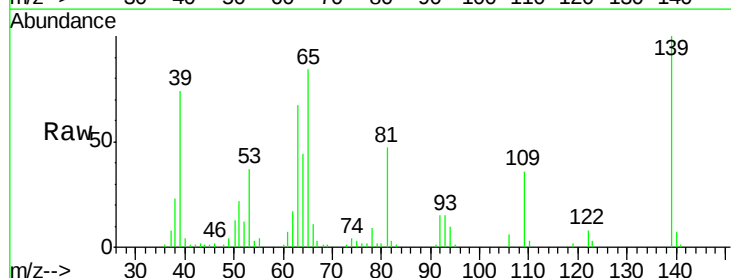
Tgt Ion: 139 Resp: 53507

Ion Ratio Lower Upper

139 100

109 36.2 24.1 36.1#

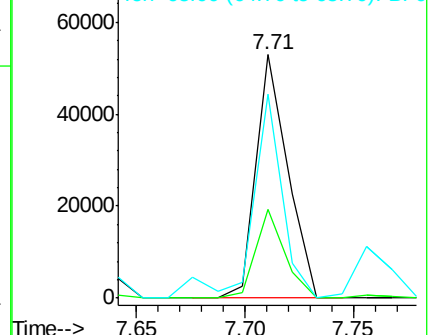
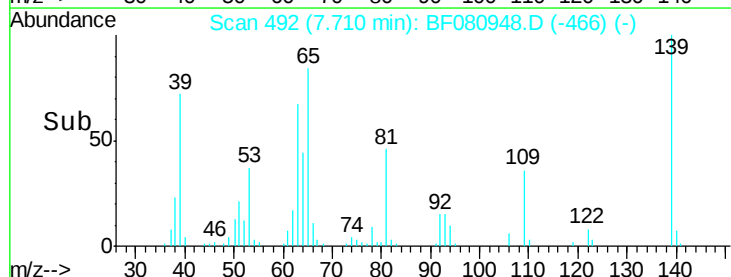
65 83.6 54.0 81.0#

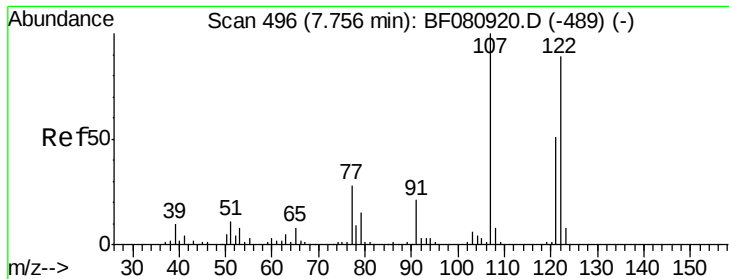


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 30.25 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampled :

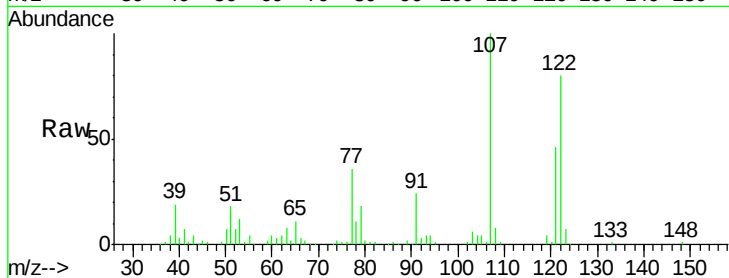
Tot Ion:122 Resp: 108998

Ion Ratio Lower Upper

122 100

107 124.8 90.2 135.4

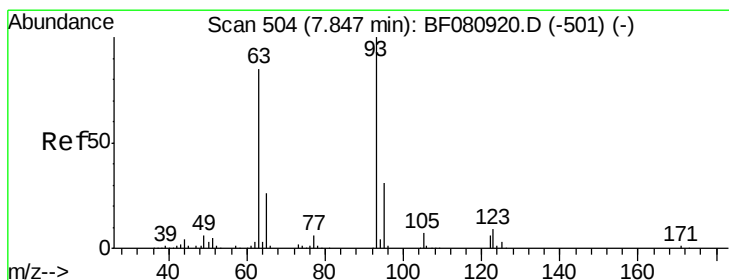
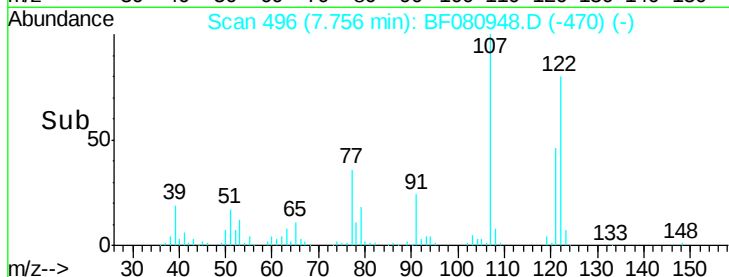
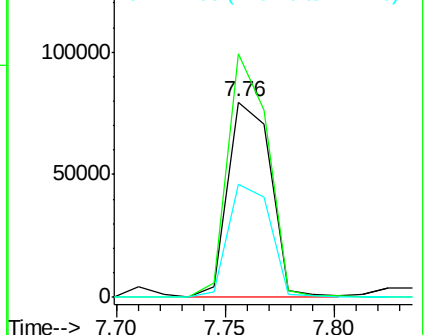
121 57.9 46.0 69.0



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: 27.12 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

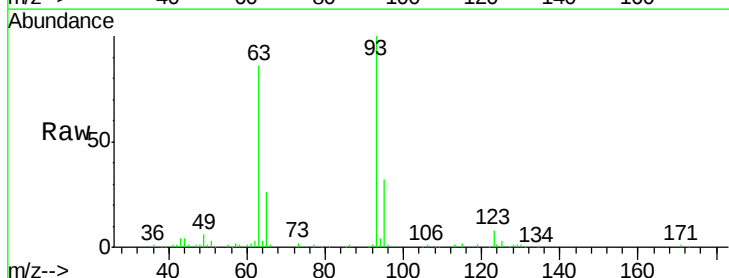
Tgt Ion: 93 Resp: 139086

Ion Ratio Lower Upper

93 100

95 31.8 25.0 37.4

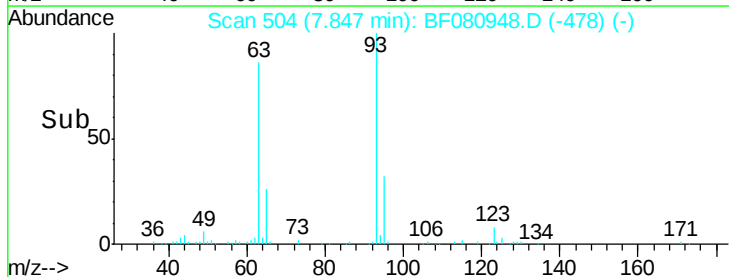
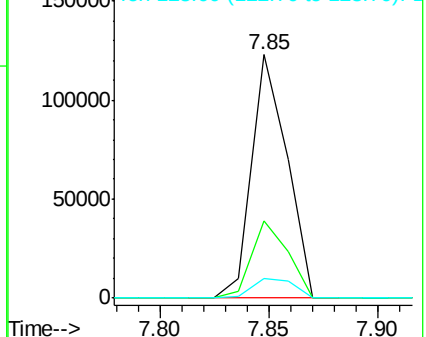
123 8.2 7.4 11.0



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

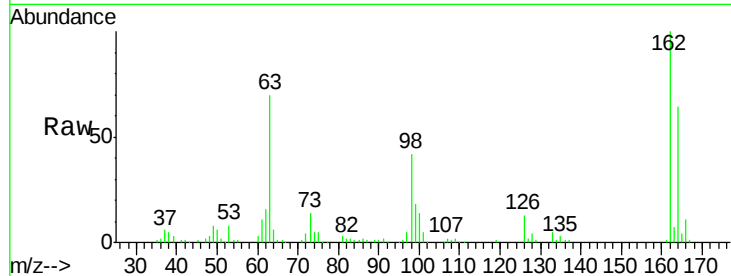




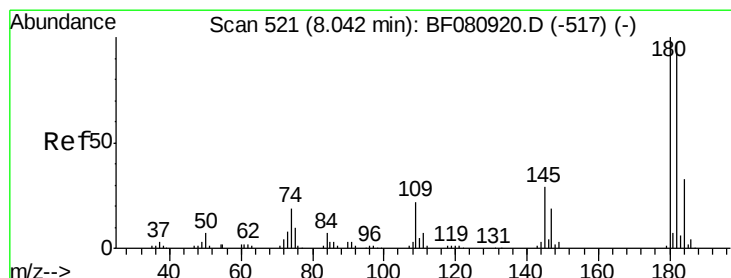
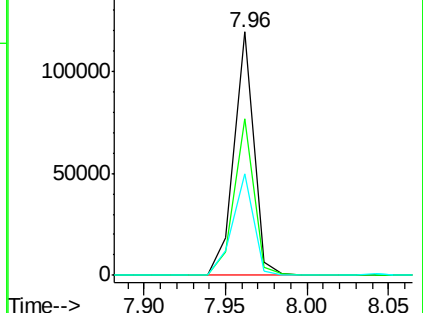
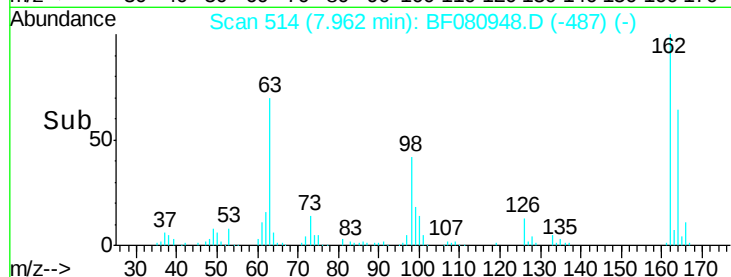
#29
 2,4-Dichlorophenol
 Concen: 33.63 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.01 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.3	82.3
98	42.0	27.7	67.7

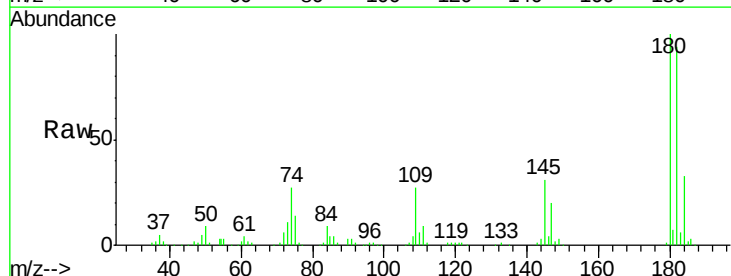


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

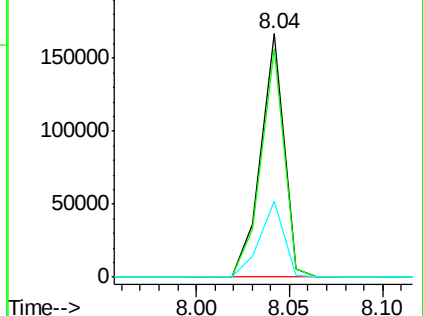
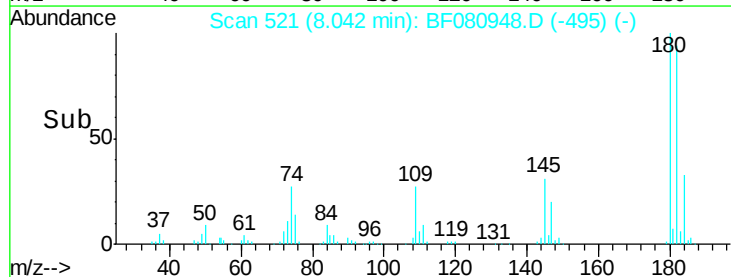


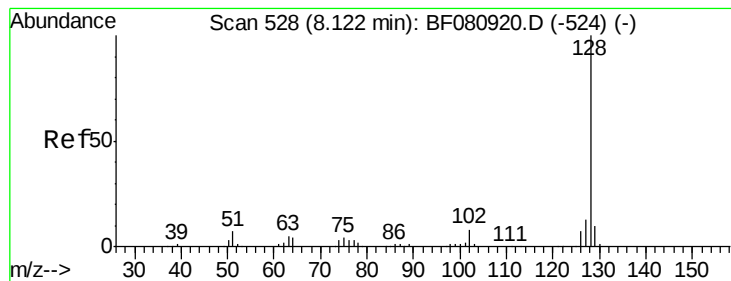
#30
 1,2,4-Trichlorobenzene
 Concen: 44.38 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.4	116.0
145	31.2	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: 32.96 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

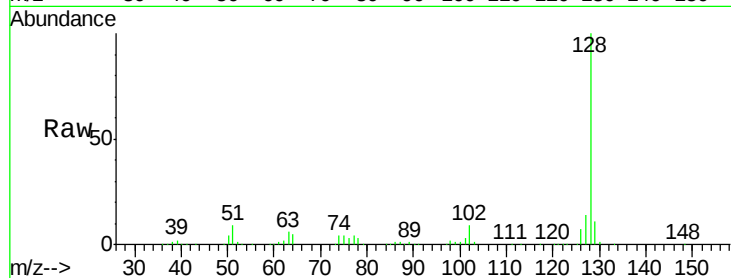
Tot Ion:128 Resp: 381721

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

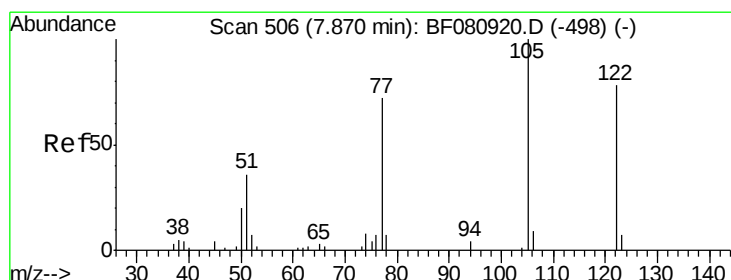
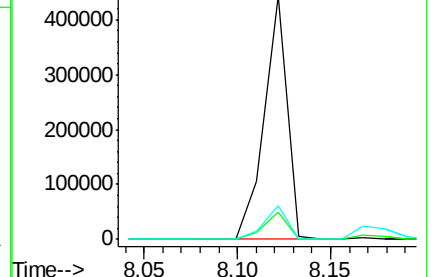
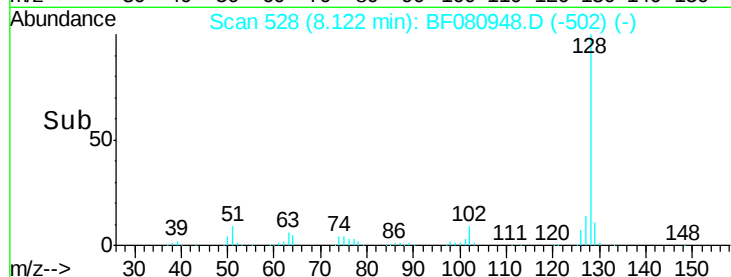
127 13.7 10.5 15.7



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: 2.95 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.03 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

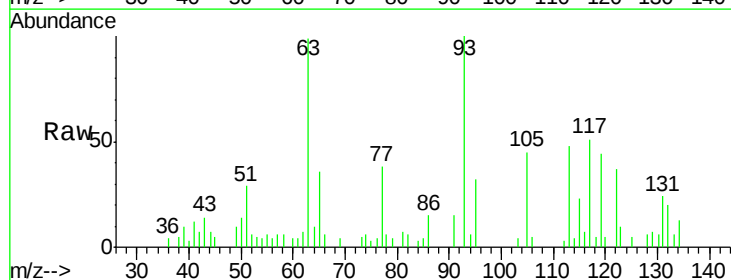
Tgt Ion:122 Resp: 6369

Ion Ratio Lower Upper

122 100

105 122.1 103.6 143.6

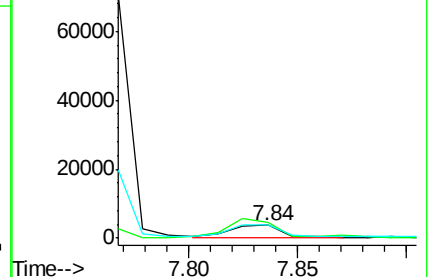
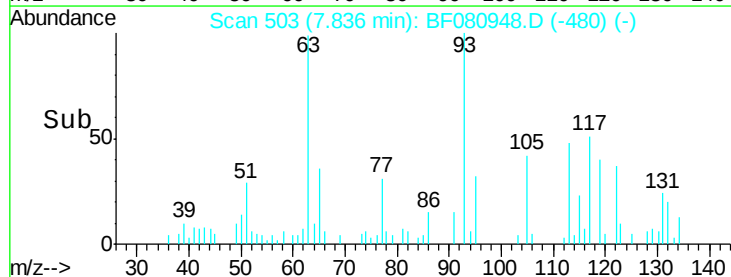
77 102.4 70.4 110.4

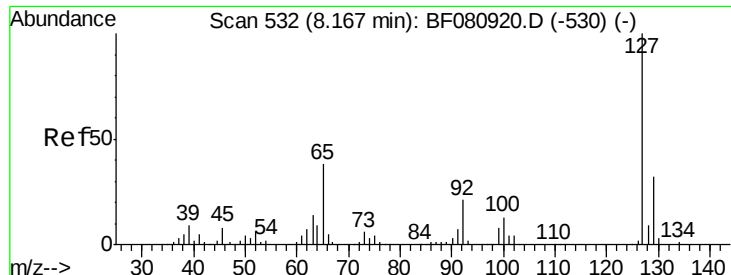


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

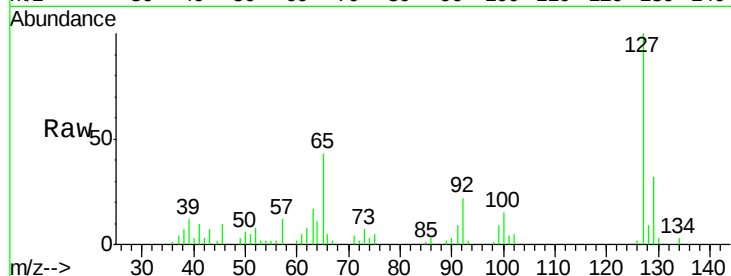




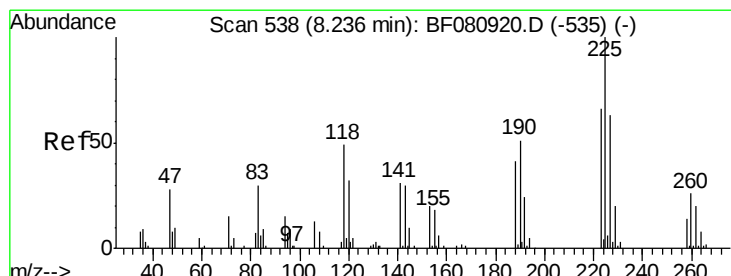
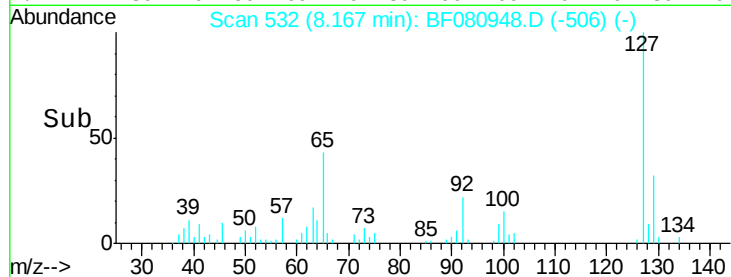
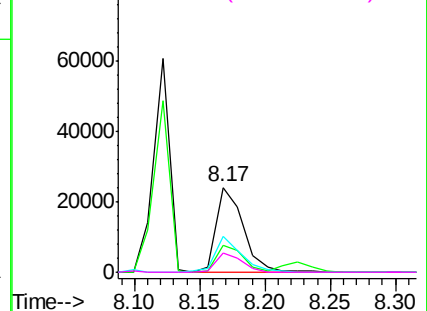
#33
4-Chloroaniline
Concen: 7.46 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	35125
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	43.0	30.6	45.8
92	22.1	16.9	25.3

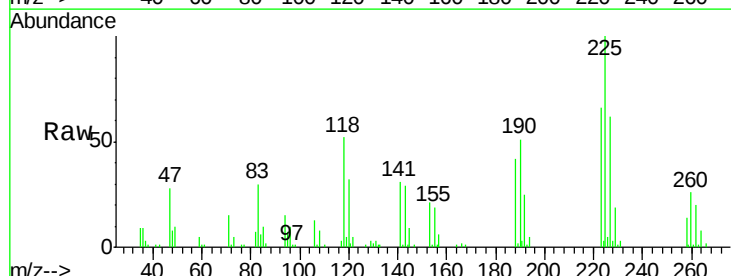


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

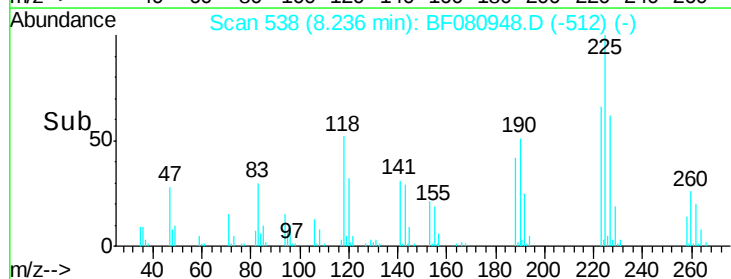
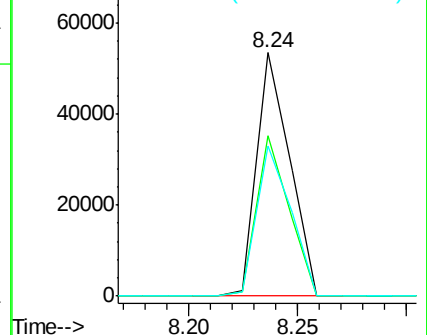


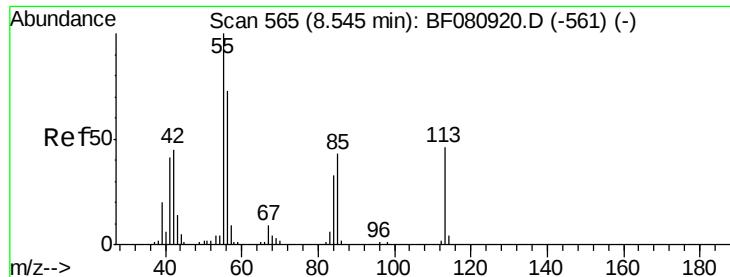
#34
Hexachlorobutadiene
Concen: 29.42 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

Tgt Ion:	225	Resp:	56655
Ion	Ratio	Lower	Upper
225	100		
223	65.7	52.5	78.7
227	61.7	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

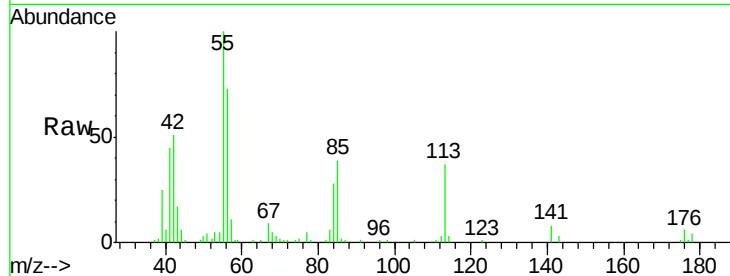




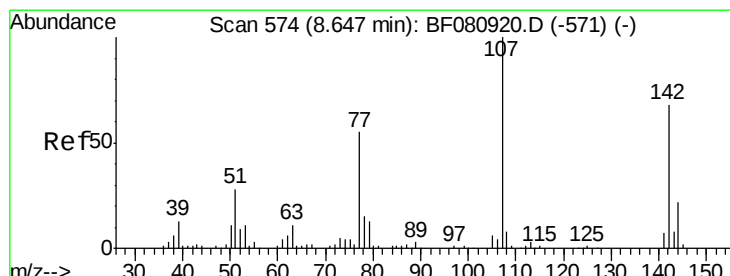
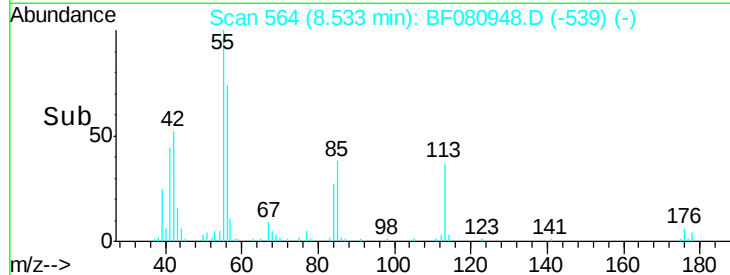
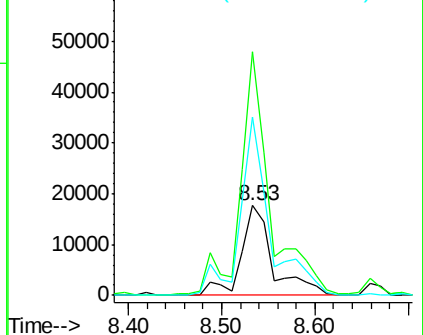
#35
 Caprolactam
 Concen: 39.35 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 41913
 Ion Ratio Lower Upper
 113 100
 55 271.7 196.4 236.4#
 56 198.9 137.9 177.9#

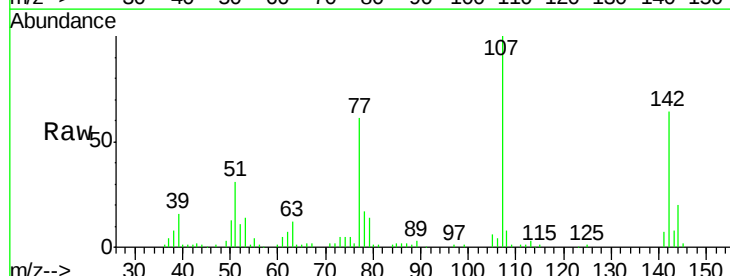


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

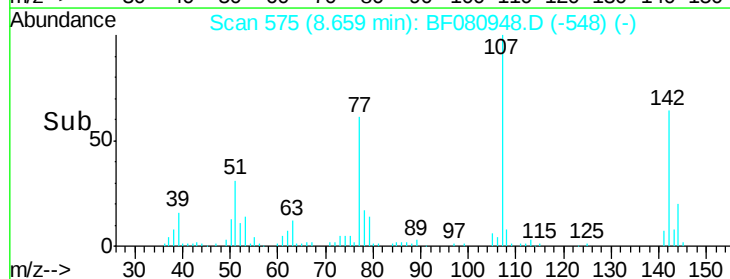
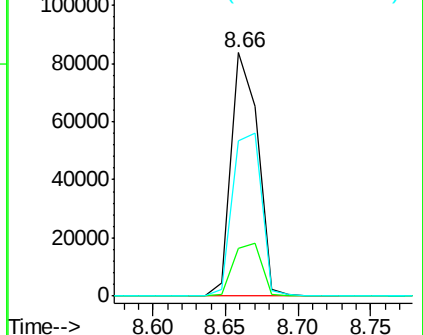


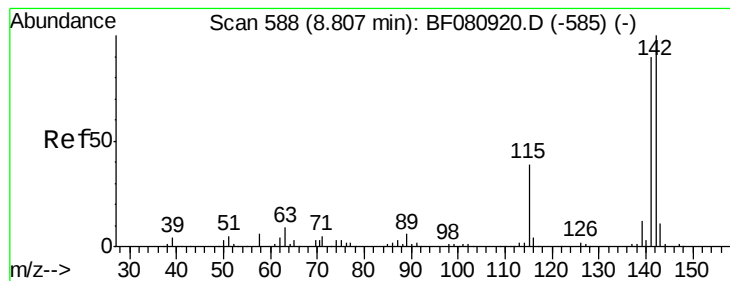
#36
 4-Chloro-3-methylphenol
 Concen: 29.75 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

Tgt Ion:107 Resp: 107486
 Ion Ratio Lower Upper
 107 100
 144 19.6 17.3 25.9
 142 63.9 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: 28.23 ng

RT: 8.81 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampled :

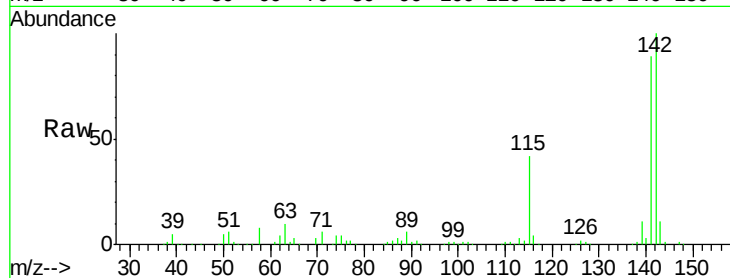
Tot Ion:142 Resp: 208102

Ion Ratio Lower Upper

142 100

141 88.8 71.7 107.5

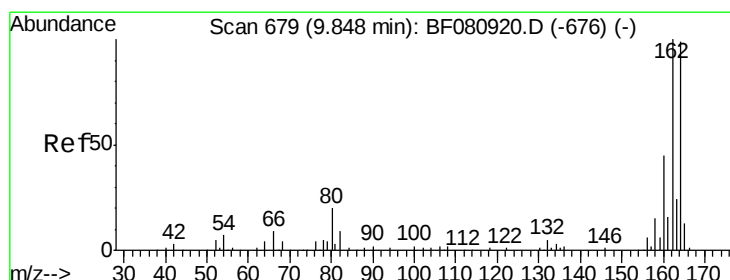
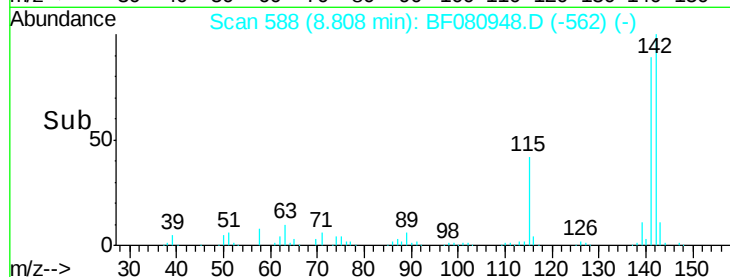
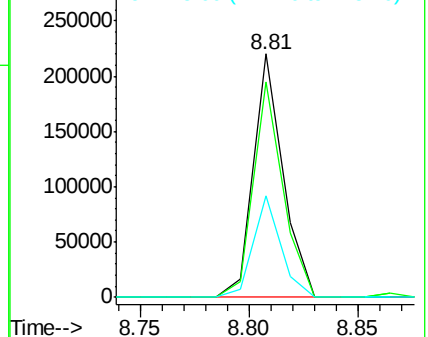
115 41.7 30.9 46.3



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: BF080948.D

Acq: 8 Aug 2015 4:10

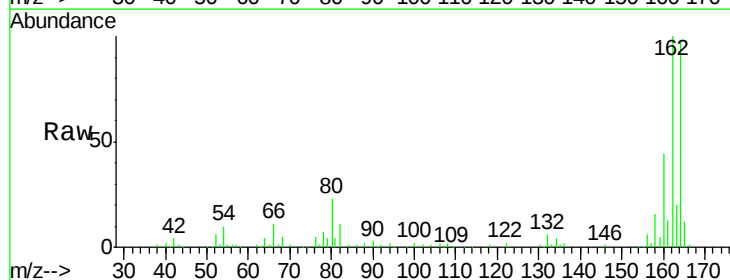
Tgt Ion:164 Resp: 97105

Ion Ratio Lower Upper

164 100

162 101.7 80.5 120.7

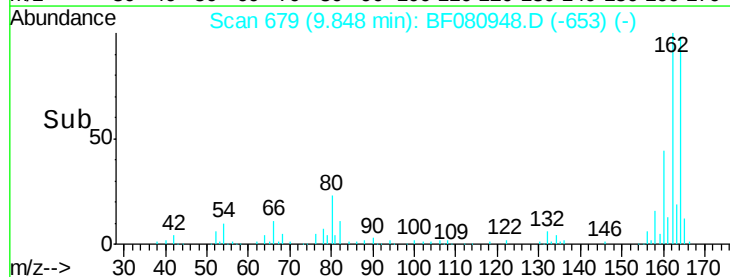
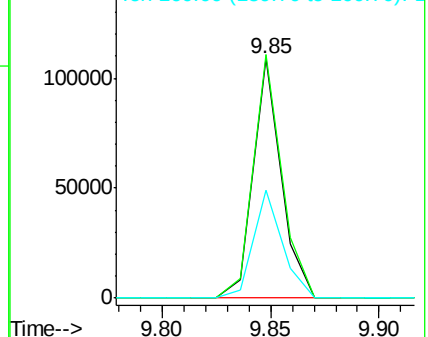
160 44.9 36.6 54.8

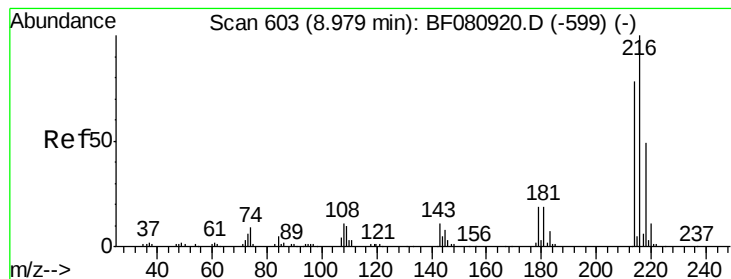


Abundance Ion 164.00 (163.70 to 164.70): E

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: 41.48 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 124169

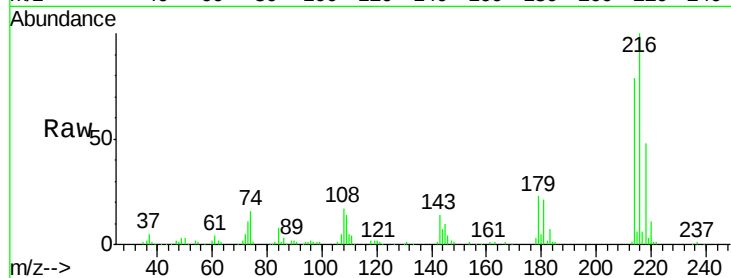
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 23.6 17.2 25.8

108 22.4 16.1 24.1

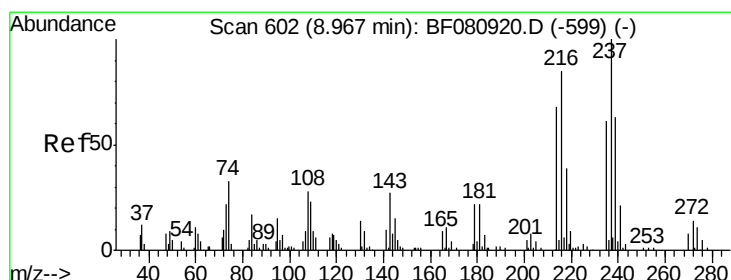
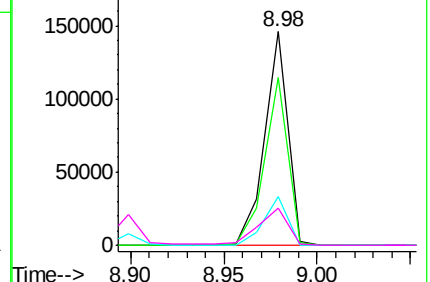
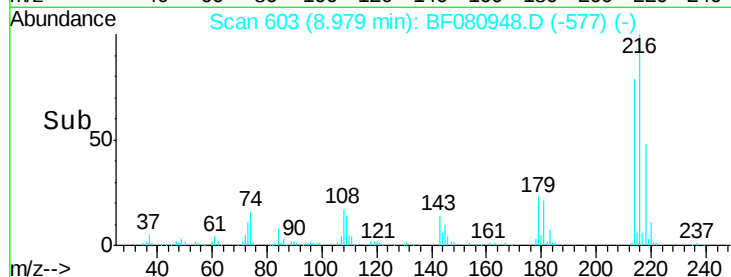


Abundance Ion 216.00 (215.70 to 216.70): E

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: 22.12 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

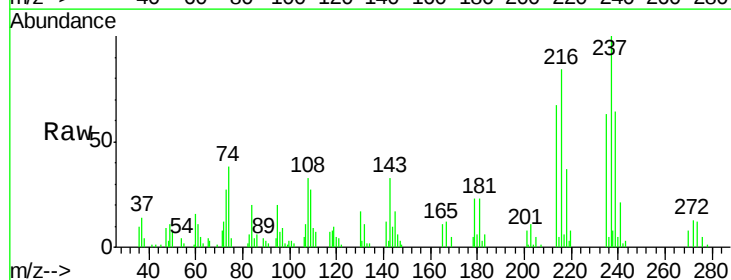
Tgt Ion:237 Resp: 36137

Ion Ratio Lower Upper

237 100

235 62.9 41.3 81.3

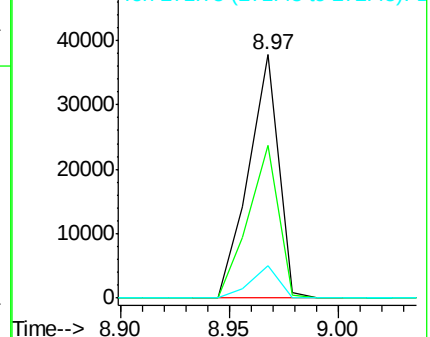
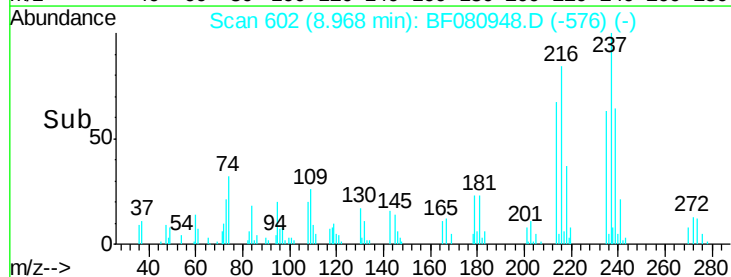
272 13.4 0.0 33.6

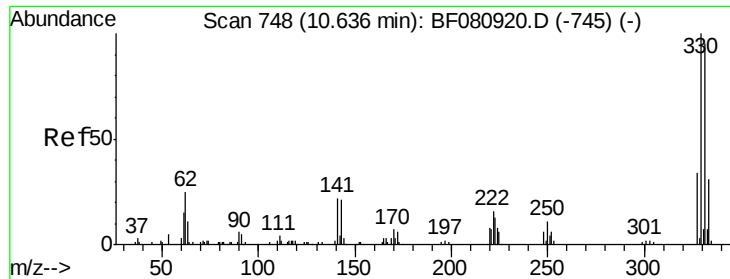


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

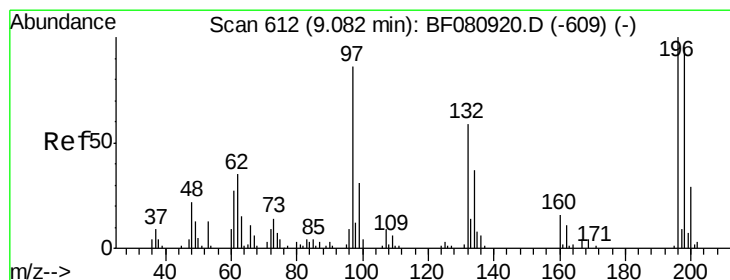
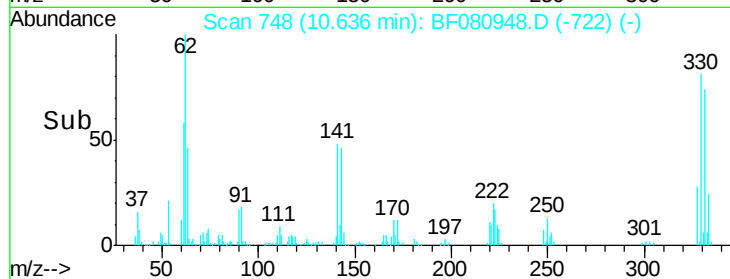
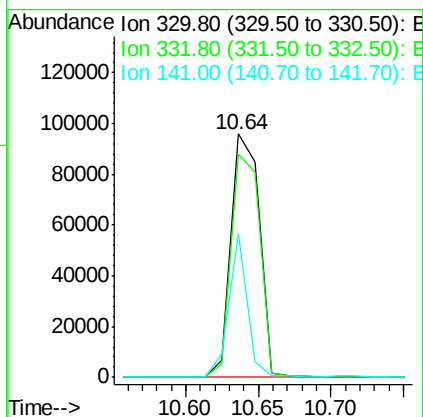
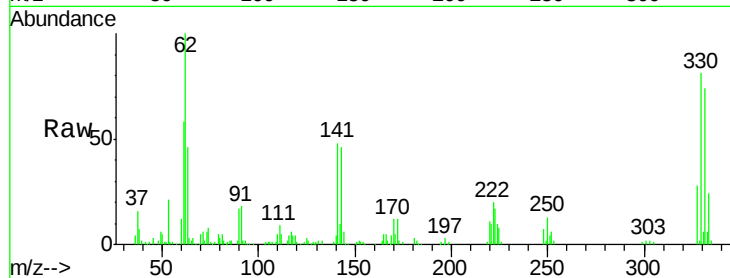




#41
 2,4,6-Tribromophenol
 Concen: 122.17 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

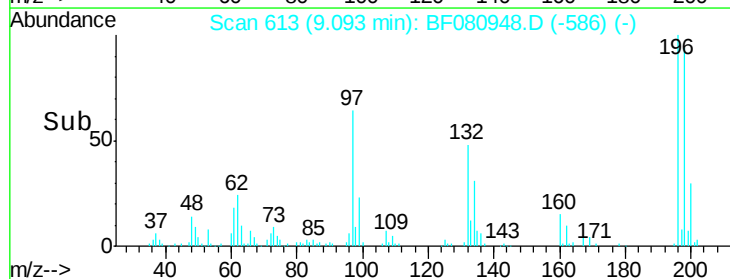
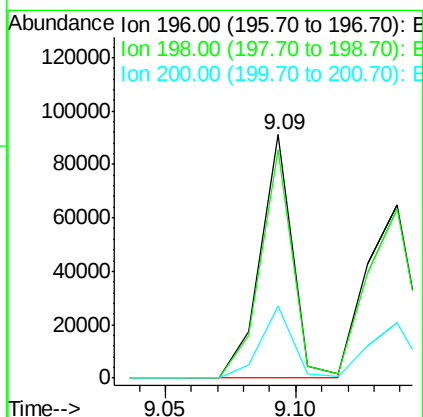
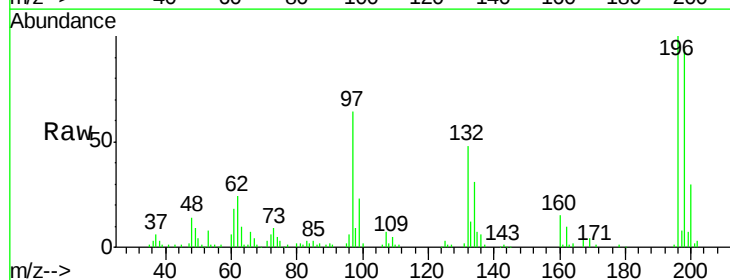
Instrument :
 BNA_F
 ClientSampleId :

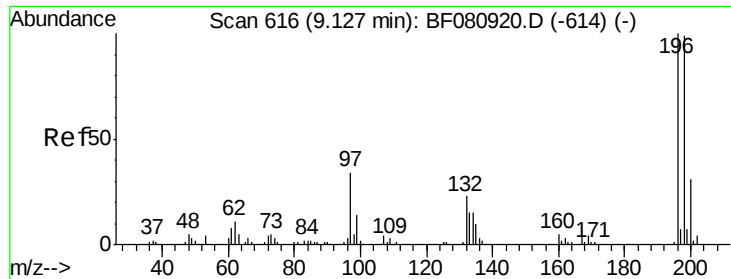
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	76.2	114.4
141	38.6	27.8	41.8



#42
 2,4,6-Trichlorophenol
 Concen: 35.66 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.9	113.9
200	29.9	23.1	34.7

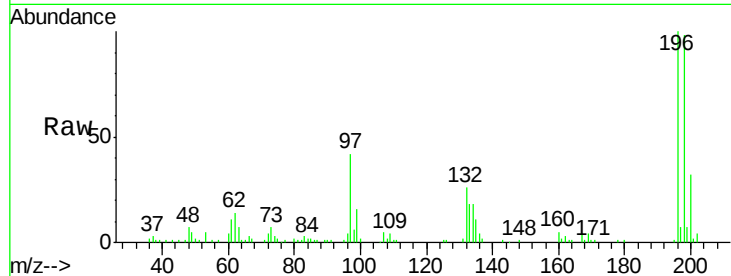




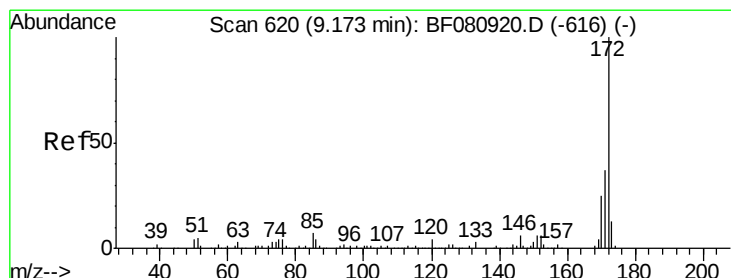
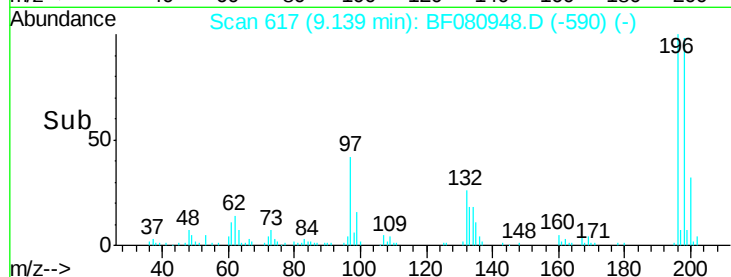
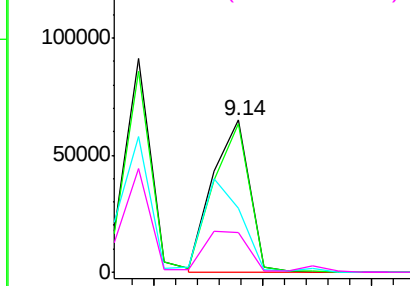
#43
2,4,5-Trichlorophenol
Concen: 34.32 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.01 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	97.9	78.9	118.3	
97	42.1	29.1	43.7	
132	26.0	19.1	28.7	

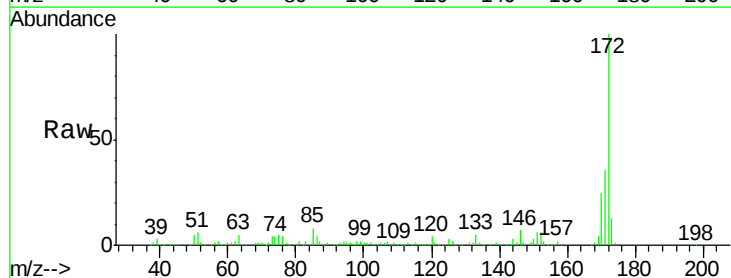


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

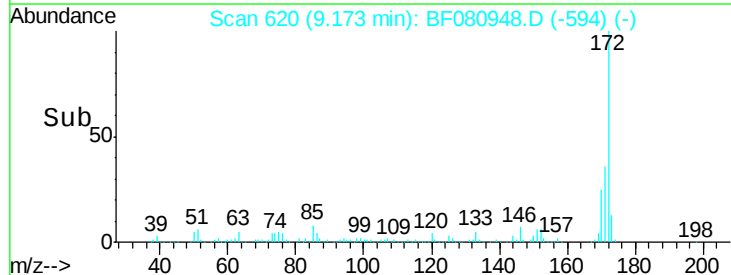
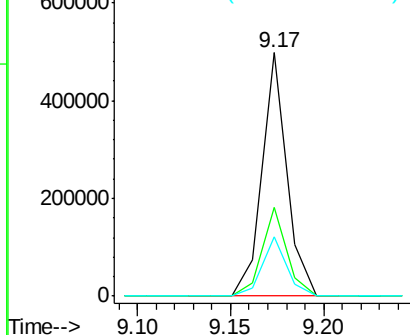


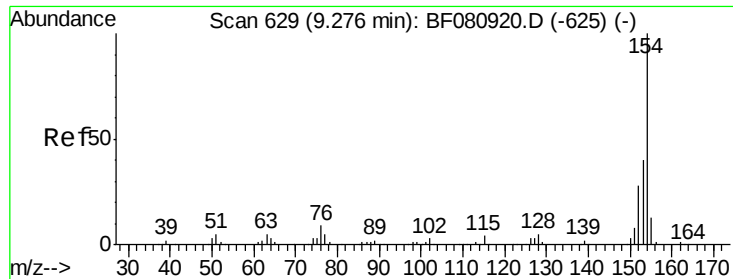
#44
2-Fluorobiphenyl
Concen: 67.41 ng
RT: 9.17 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.3	29.4	44.0	
170	24.6	19.7	29.5	



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

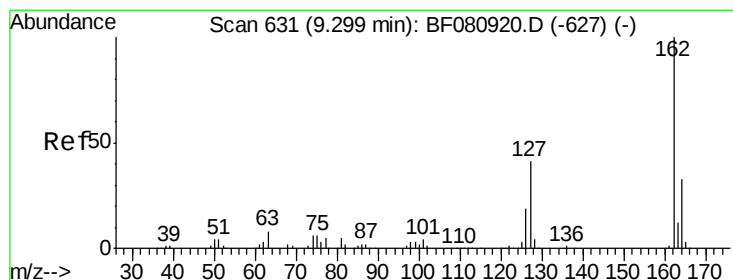
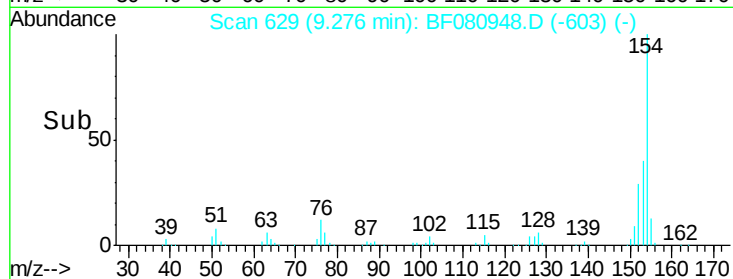
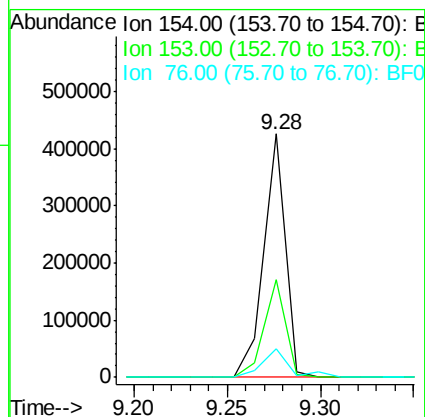
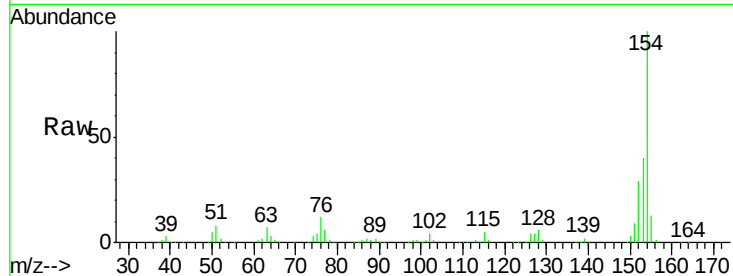




#45
 1,1'-Biphenyl
 Concen: 41.60 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

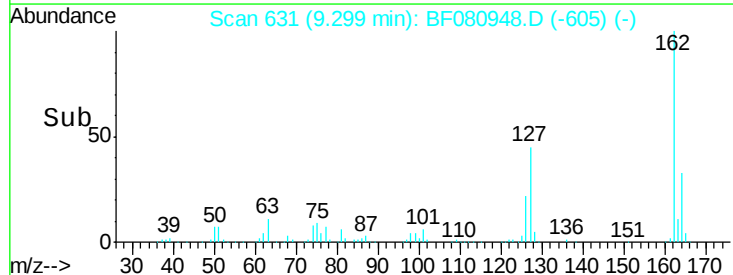
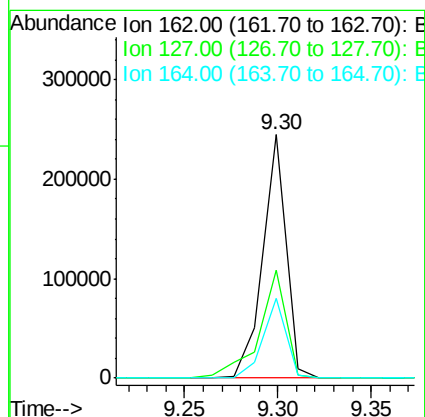
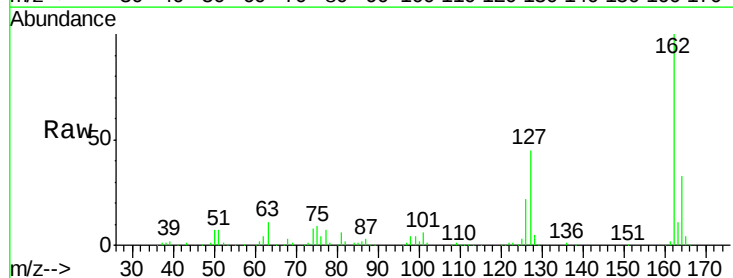
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 346709
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.1 60.1
 76 11.9 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 32.26 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

Tgt Ion:162 Resp: 209612
 Ion Ratio Lower Upper
 162 100
 127 44.5 32.5 48.7
 164 32.6 26.2 39.4

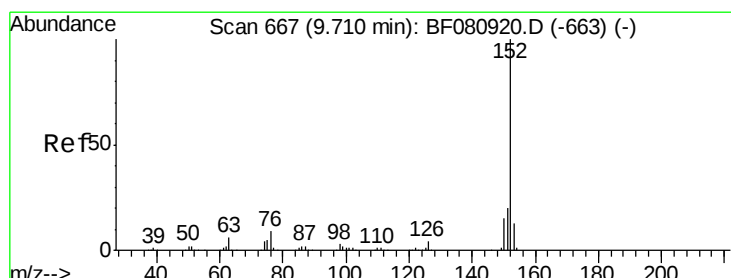
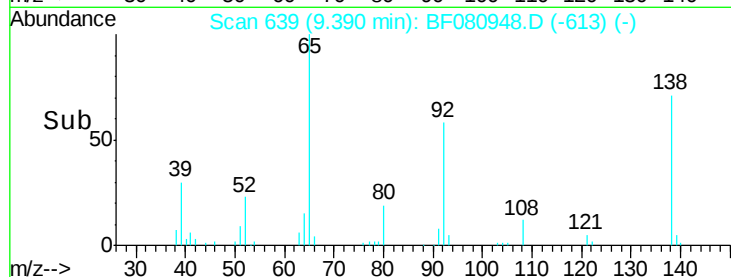
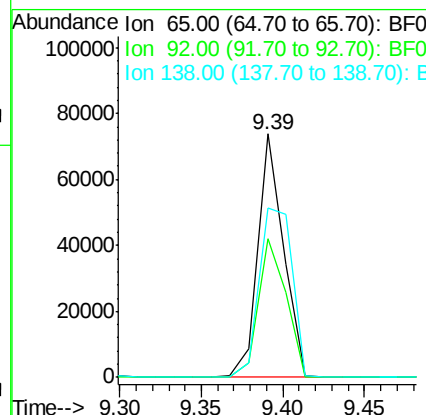
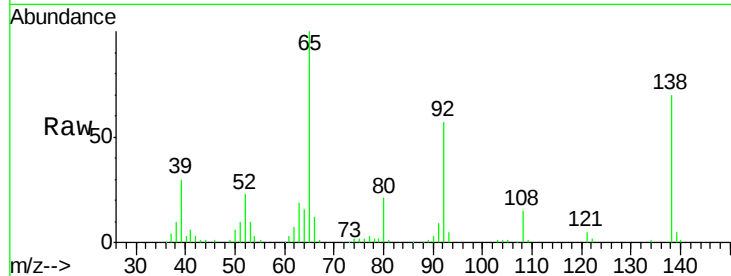




#47
2-Nitroaniline
Concen: 30.95 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

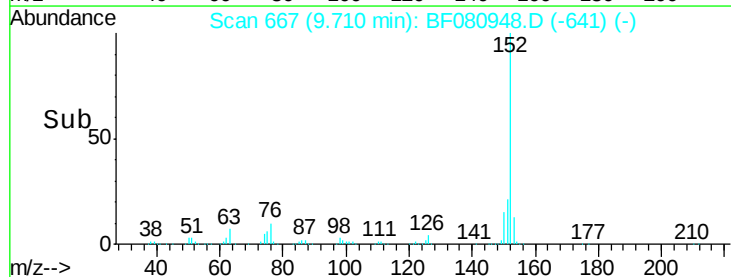
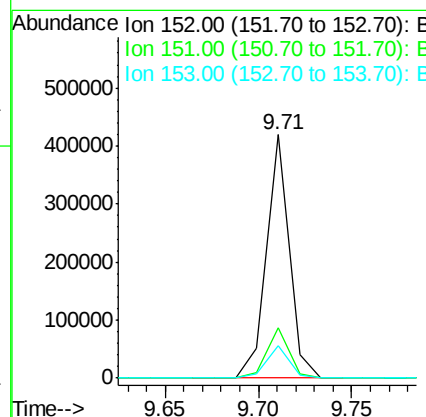
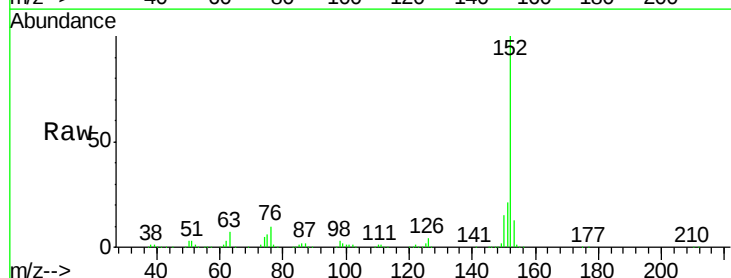
Instrument :
BNA_F
ClientSampled :

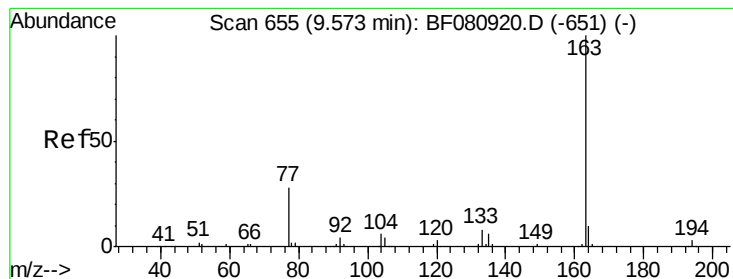
Tot Ion: 65 Resp: 80631
Ion Ratio Lower Upper
65 100
92 57.0 48.0 72.0
138 69.7 66.1 99.1



#48
Acenaphthylene
Concen: 31.11 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

Tgt Ion: 152 Resp: 351404
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.4 10.5 15.7





#49

Dimethylphthalate

Concen: 49.16 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

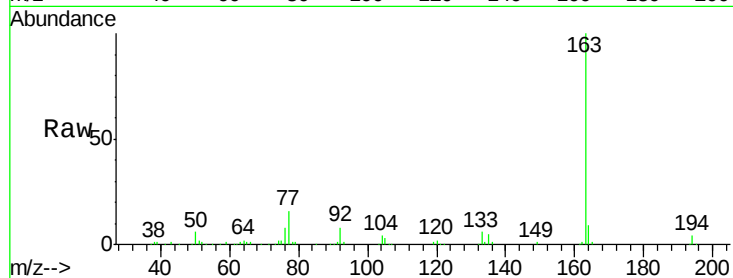
Tot Ion:163 Resp: 396533

Ion Ratio Lower Upper

163 100

194 3.6 2.4 3.6

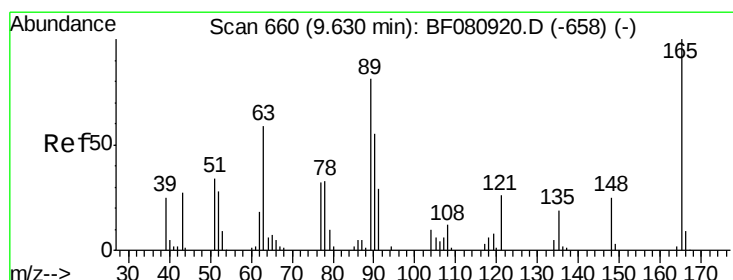
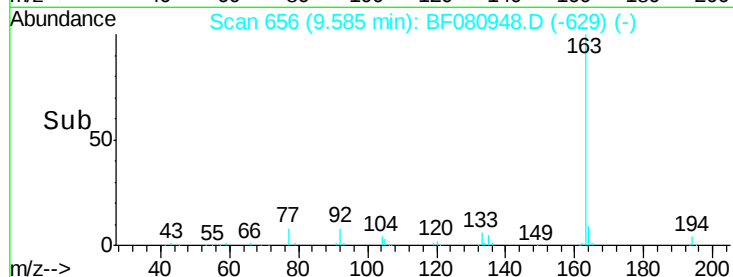
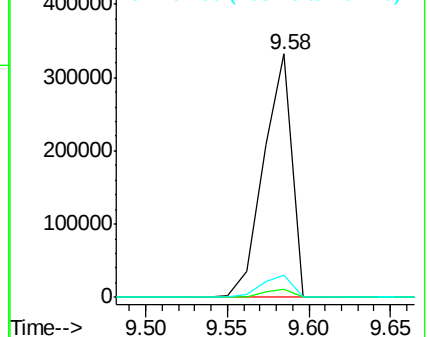
164 9.3 8.2 12.4



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: 36.60 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.01 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

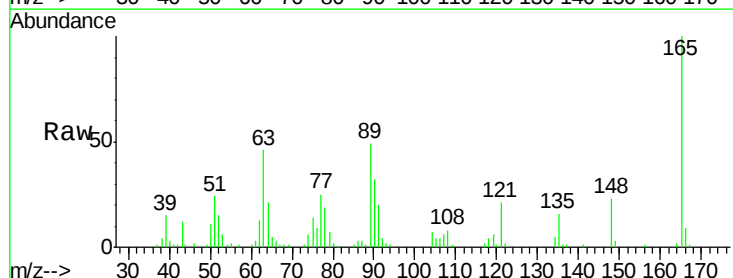
Tgt Ion:165 Resp: 60985

Ion Ratio Lower Upper

165 100

63 46.5 77.6 116.4#

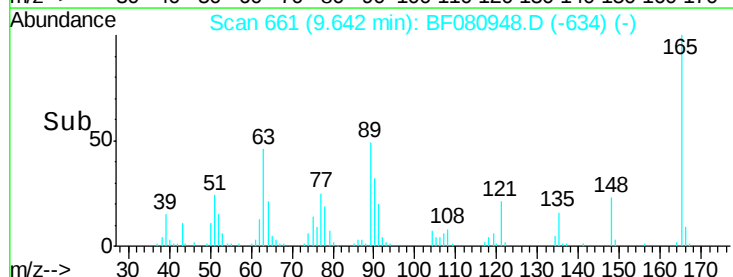
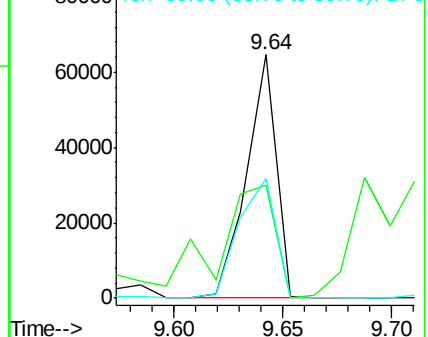
89 49.0 64.5 96.7#

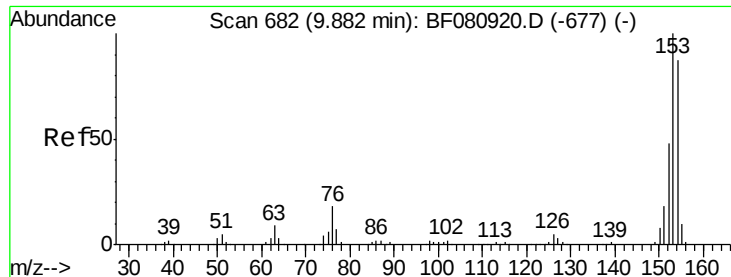


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 29.17 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

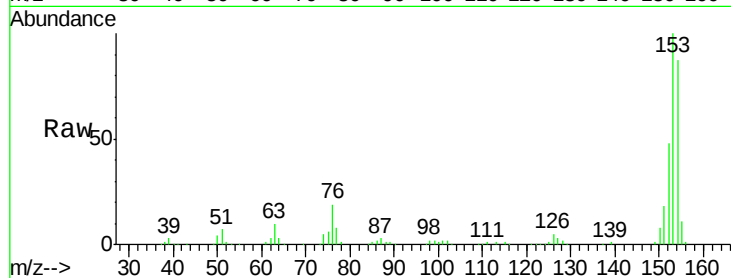
Tot Ion:154 Resp: 201830

Ion Ratio Lower Upper

154 100

153 114.9 91.4 137.2

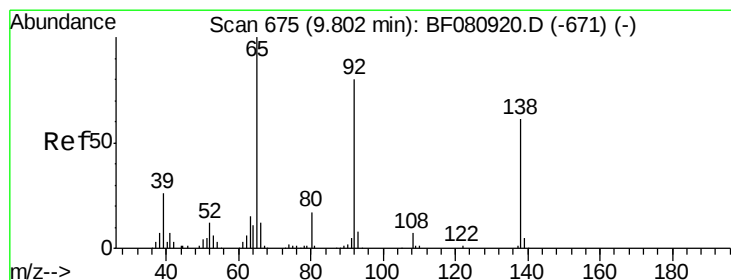
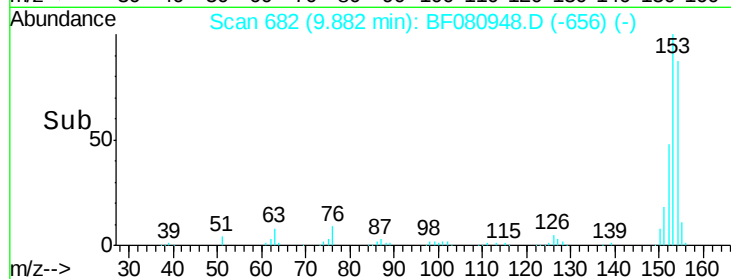
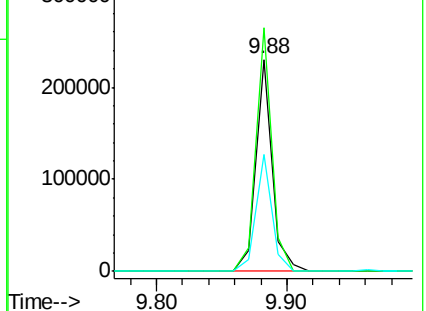
152 54.9 44.2 66.4



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: 17.52 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

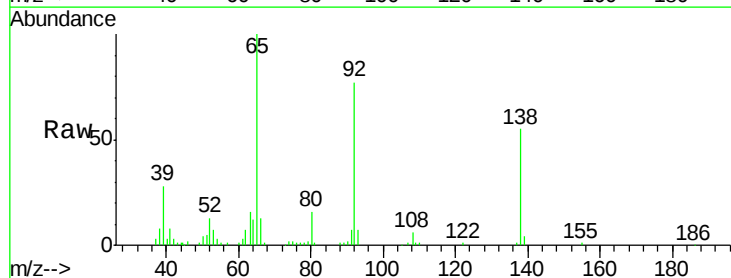
Tgt Ion:138 Resp: 35992

Ion Ratio Lower Upper

138 100

108 10.8 8.7 13.1

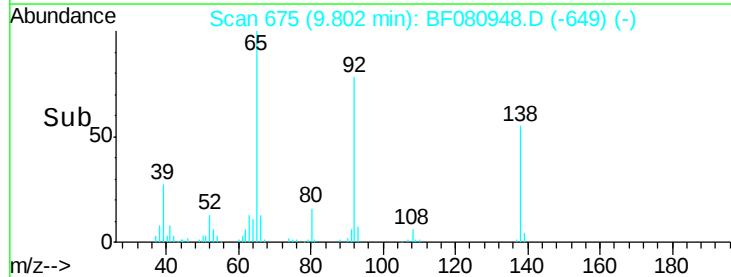
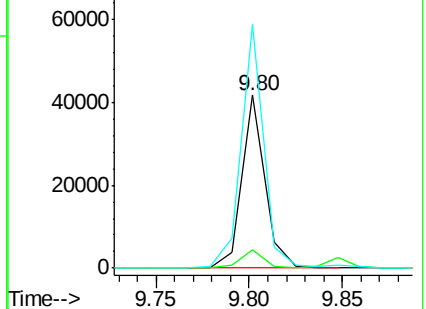
92 140.7 104.4 156.6

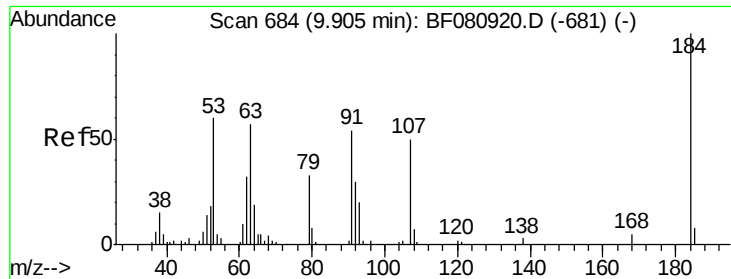


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

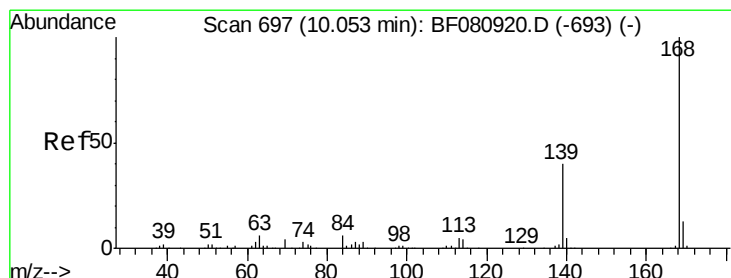
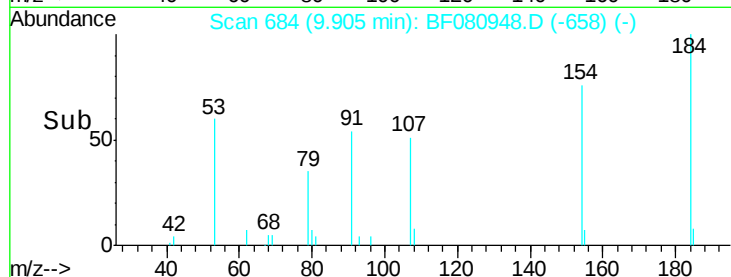
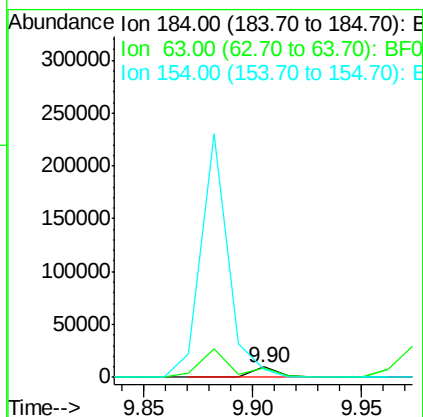
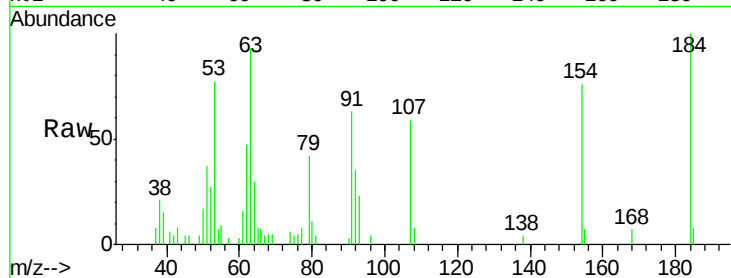




#53
 2,4-Dinitrophenol
 Concen: 13.57 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

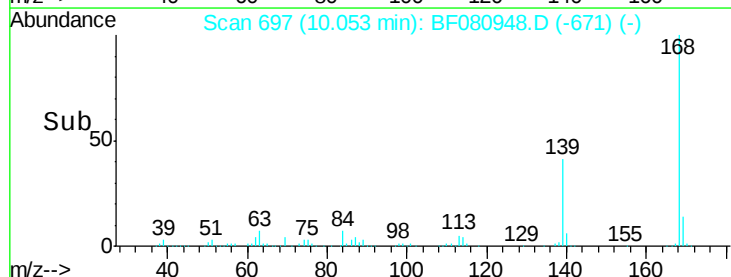
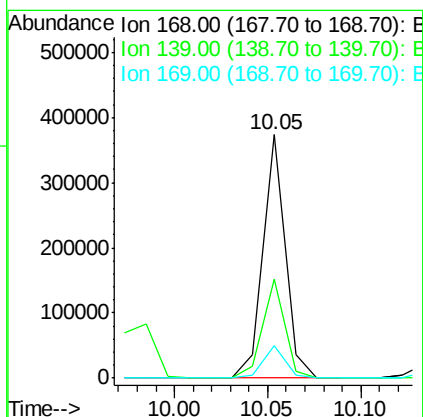
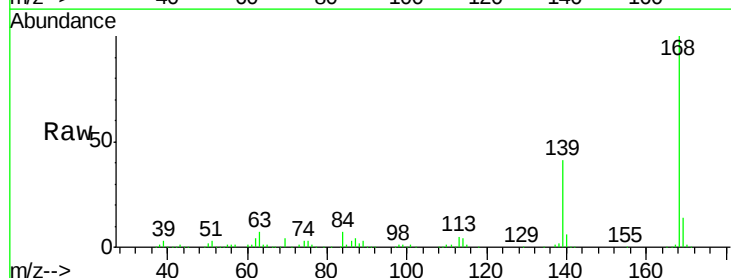
Instrument :
 BNA_F
 ClientSampled :

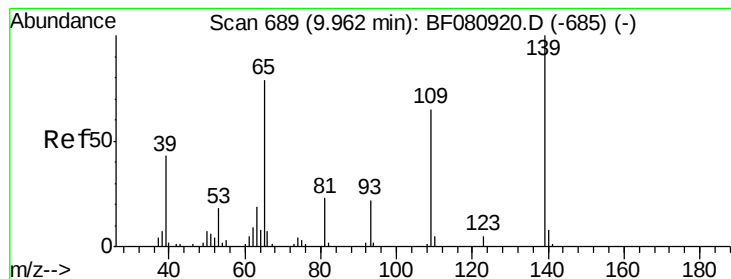
Tot Ion:184 Resp: 8151
 Ion Ratio Lower Upper
 184 100
 63 93.1 59.7 89.5#
 154 75.8 53.8 80.8



#54
 Dibenzofuran
 Concen: 32.78 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

Tgt Ion:168 Resp: 306640
 Ion Ratio Lower Upper
 168 100
 139 40.6 31.9 47.9
 169 13.5 10.6 15.8





#55

4-Nitrophenol

Concen: 74.92 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.02 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampled :

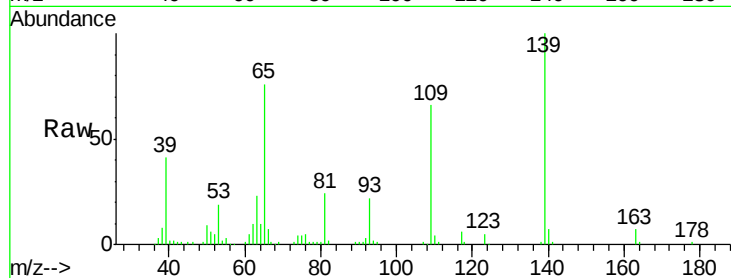
Tot Ion:139 Resp: 115221

Ion Ratio Lower Upper

139 100

109 65.9 44.7 84.7

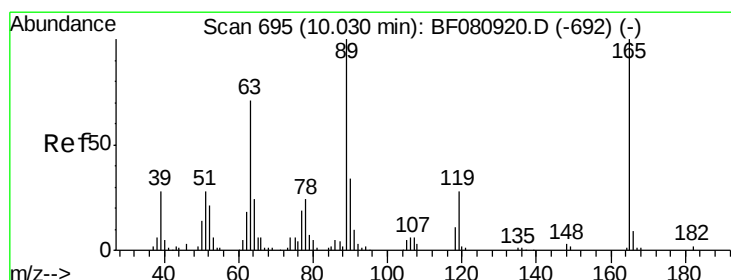
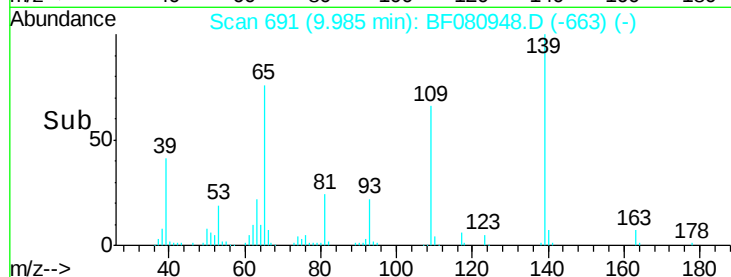
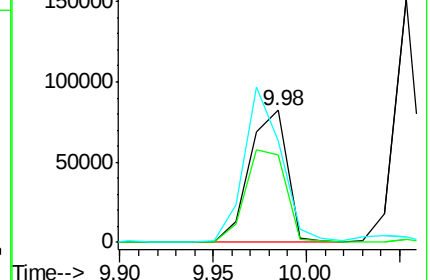
65 76.4 59.5 99.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.14 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Tgt Ion:165 Resp: 82815

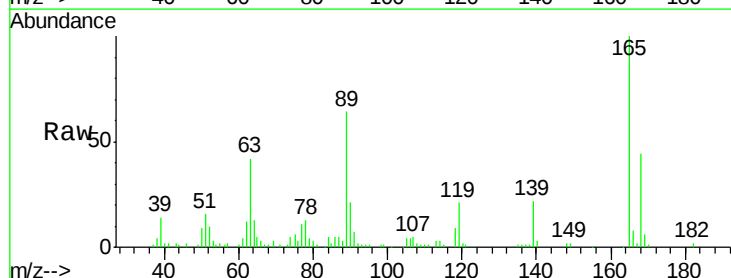
Ion Ratio Lower Upper

165 100

63 42.2 56.7 85.1#

89 63.8 80.4 120.6#

182 2.1 1.5 2.3

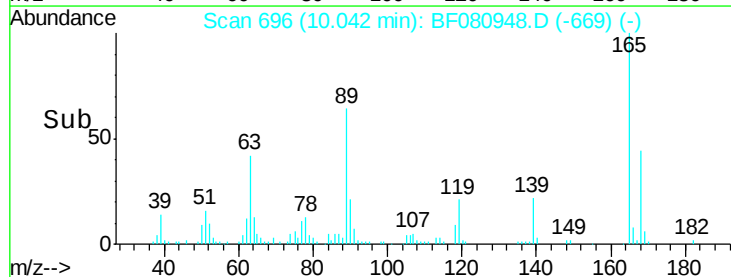
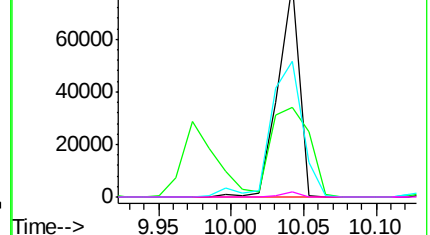


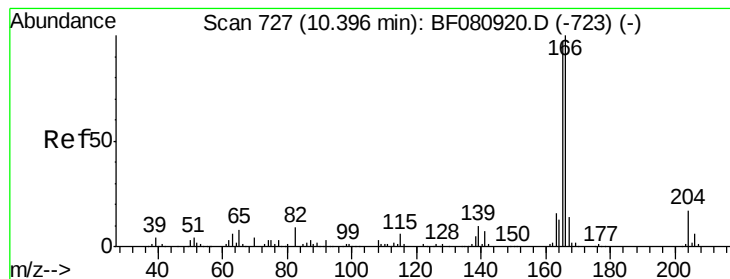
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.77 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

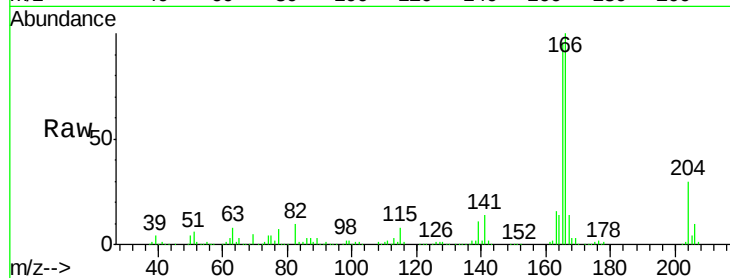
Tot Ion:166 Resp: 258853

Ion Ratio Lower Upper

166 100

165 96.2 77.2 115.8

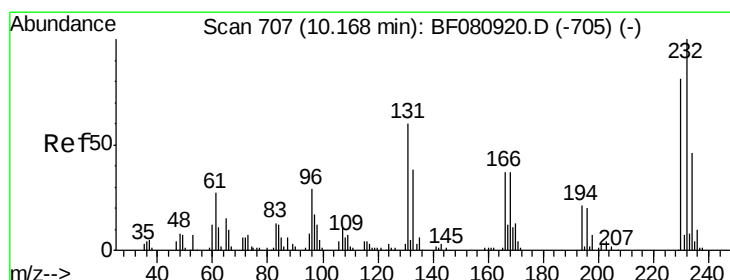
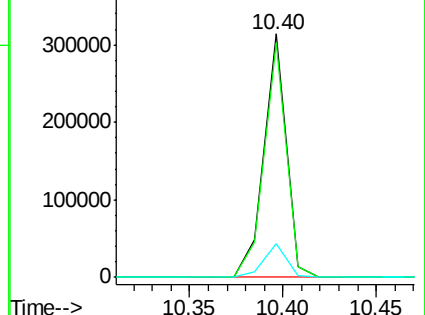
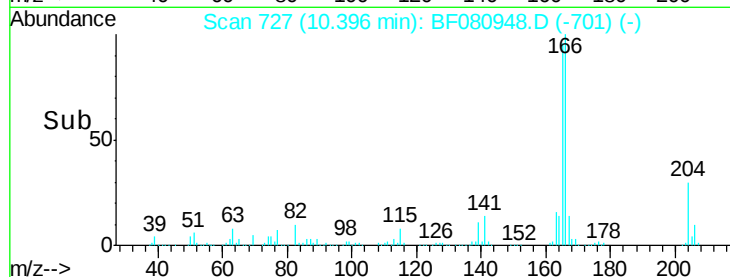
167 13.6 10.8 16.2



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: 33.89 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Tgt Ion:232 Resp: 59292

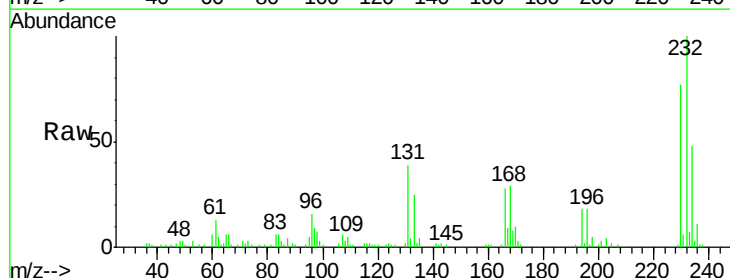
Ion Ratio Lower Upper

232 100

131 51.3 39.4 59.2

130 2.4 2.1 3.1

166 32.5 21.7 32.5

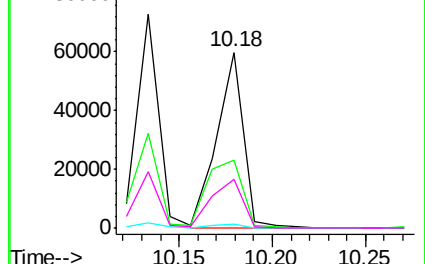
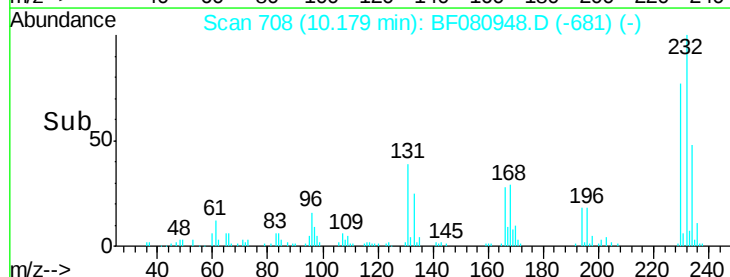


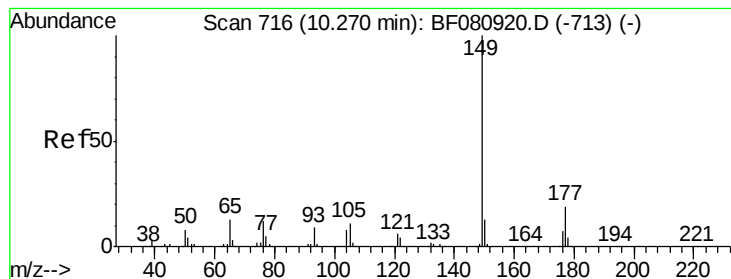
Abundance Ion 232.00 (231.70 to 232.70): E

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: 32.96 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

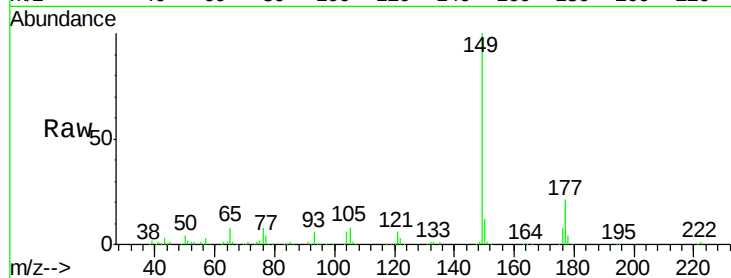
Tot Ion:149 Resp: 276780

Ion Ratio Lower Upper

149 100

177 20.9 15.0 22.4

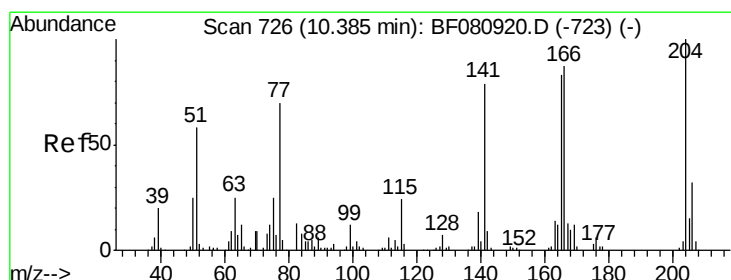
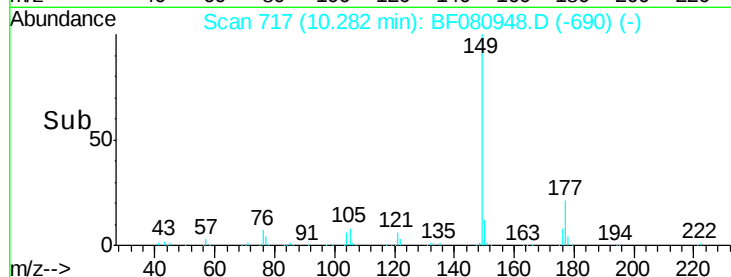
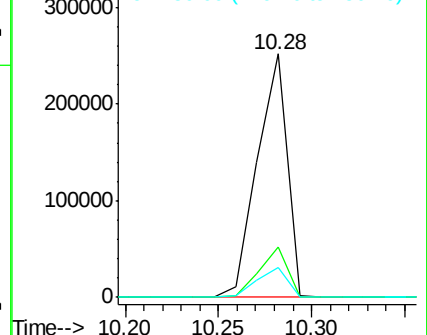
150 12.3 10.4 15.6



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: 31.84 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

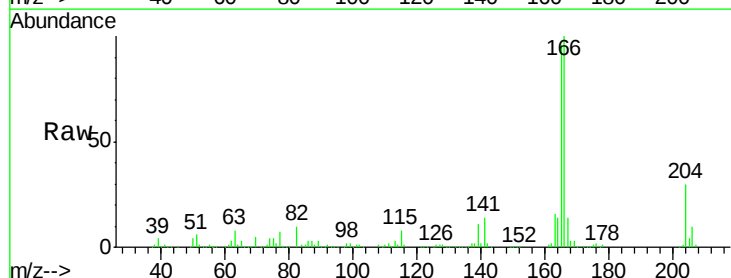
Tgt Ion:204 Resp: 112261

Ion Ratio Lower Upper

204 100

206 33.0 25.5 38.3

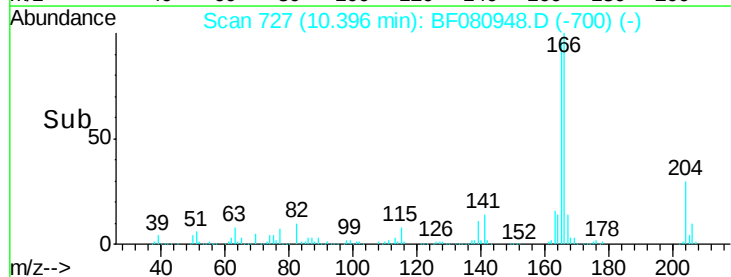
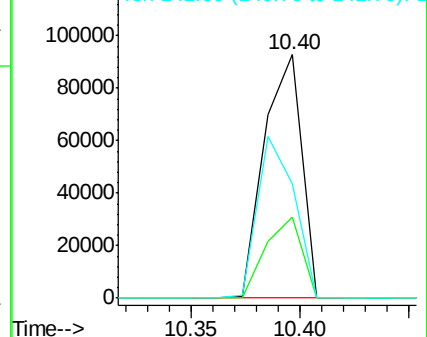
141 47.0 63.4 95.0#

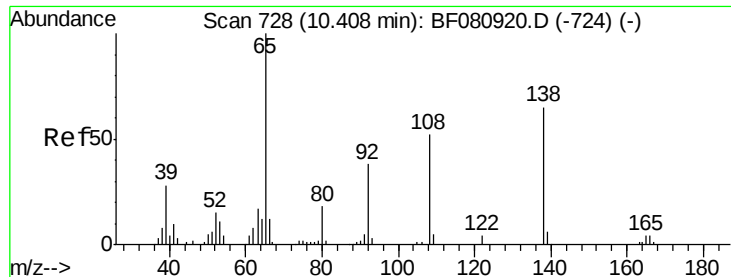


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

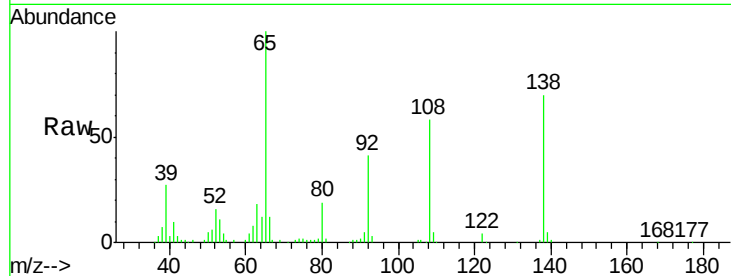




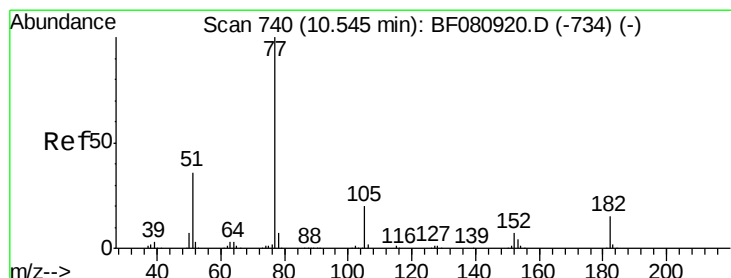
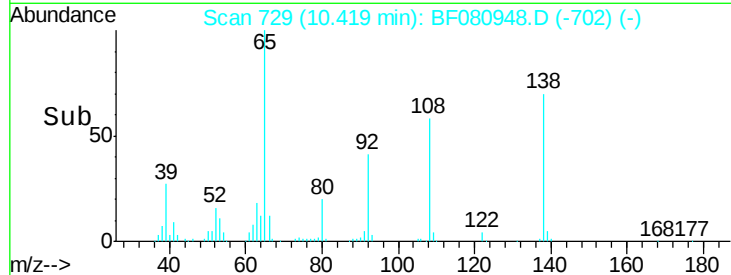
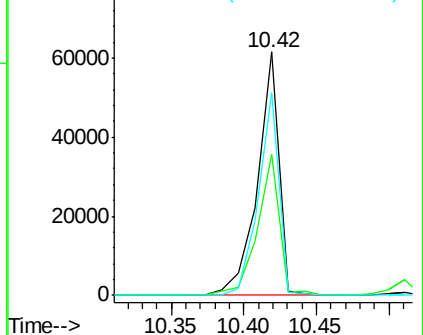
#61
4-Nitroaniline
Concen: 29.88 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 63169
Ion Ratio Lower Upper
138 100
92 58.2 38.1 78.1
108 83.2 59.9 99.9

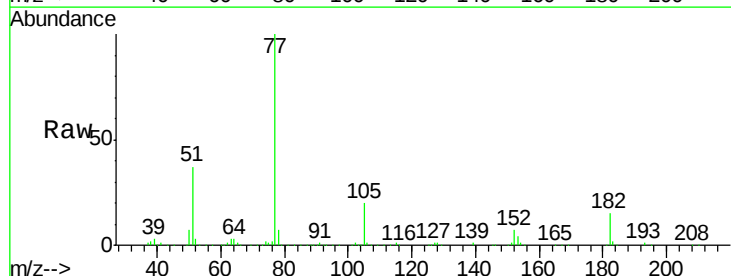


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

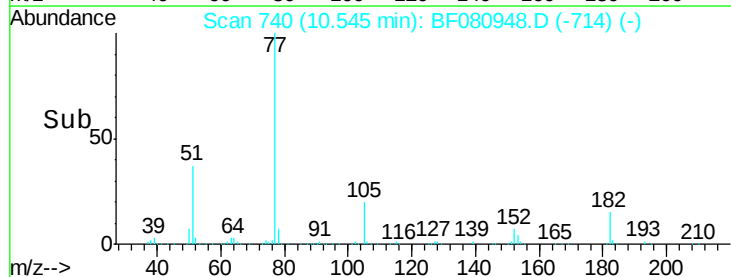
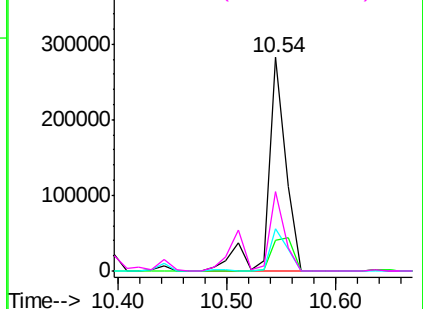


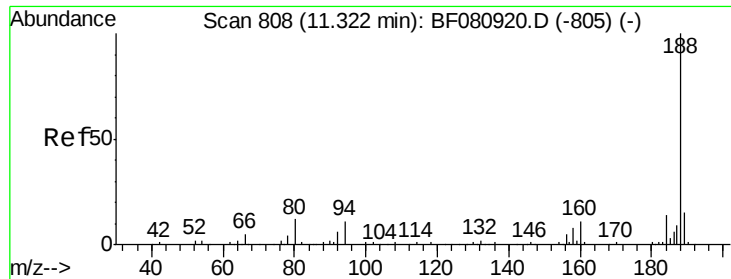
#62
Azobenzene
Concen: 34.08 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

Tgt Ion: 77 Resp: 319997
Ion Ratio Lower Upper
77 100
182 14.6 0.0 35.5
105 19.8 0.5 40.5
51 37.2 15.6 55.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

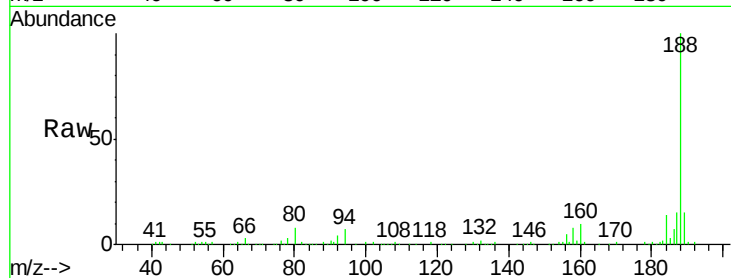




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

Instrument :
BNA_F
ClientSampled :

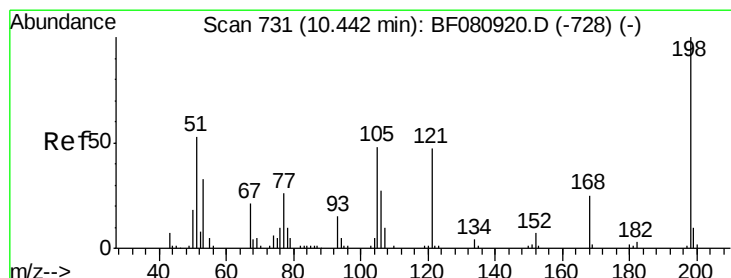
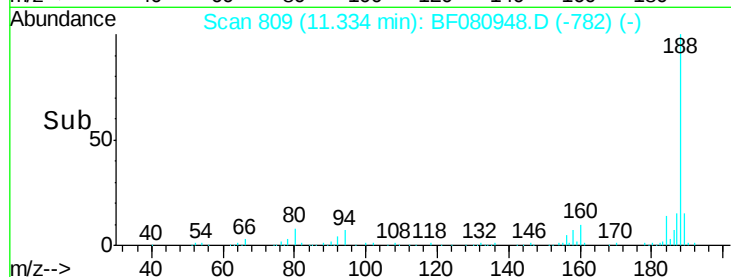
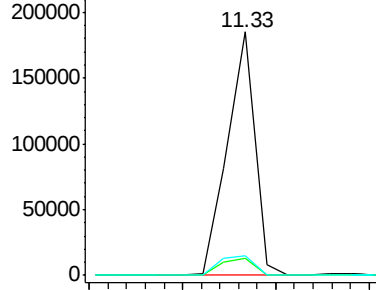
Tot Ion	188	Resp	189452
Ion Ratio	100	Lower	Upper
94	7.2	8.8	13.2#
80	7.9	9.5	14.3#



Abundance Ion 188.00 (187.70 to 188.70): E

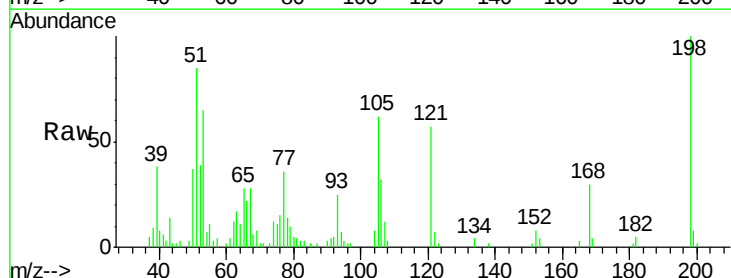
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 13.06 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

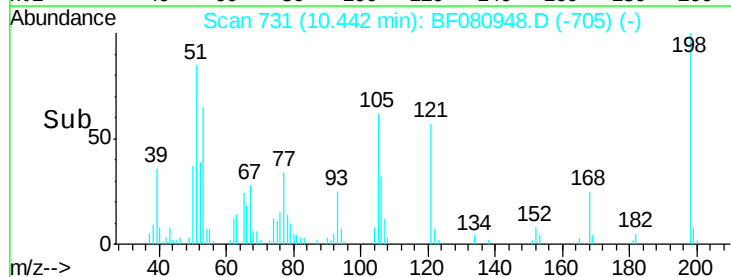
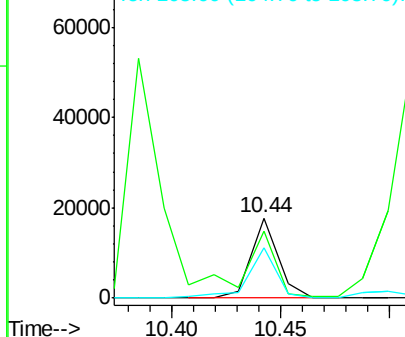
Tgt Ion	198	Resp	15330
Ion Ratio	100	Lower	Upper
51	84.6	40.3	80.3#
105	62.2	29.6	69.6

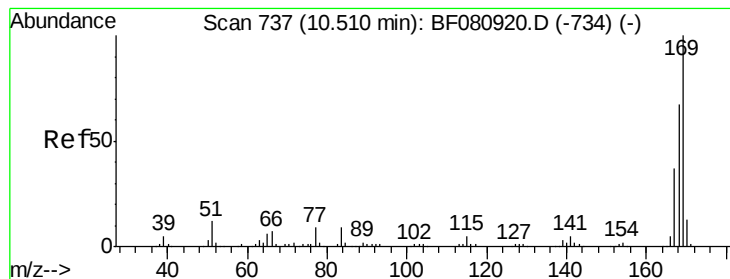


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

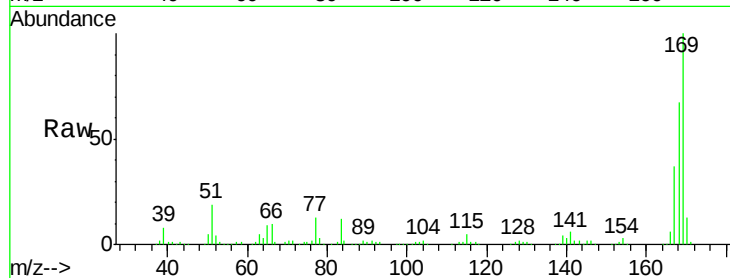




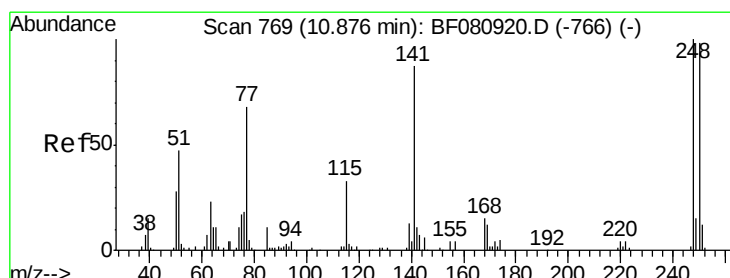
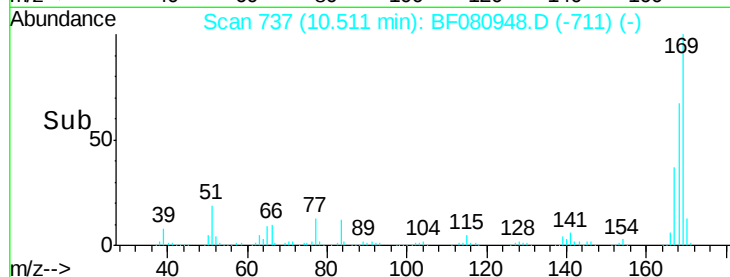
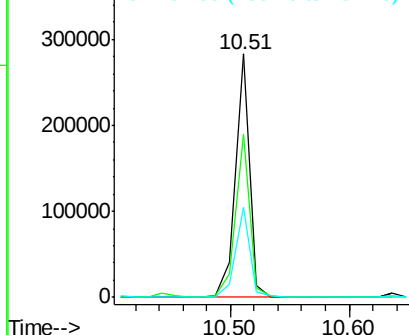
#65
 n-Nitrosodiphenylamine
 Concen: 35.50 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 233650
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.7 80.5
 167 36.9 29.3 43.9

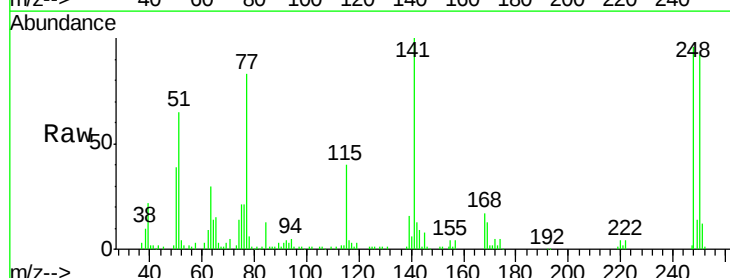


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

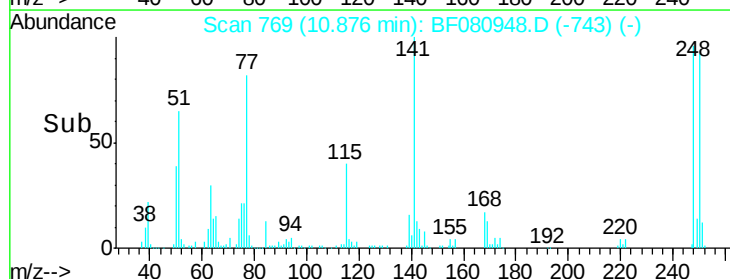
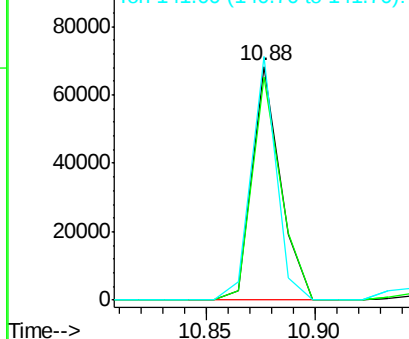


#66
 4-Bromophenyl-phenylether
 Concen: 30.98 ng
 RT: 10.88 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

Tgt Ion:248 Resp: 62154
 Ion Ratio Lower Upper
 248 100
 250 95.3 78.1 117.1
 141 104.1 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

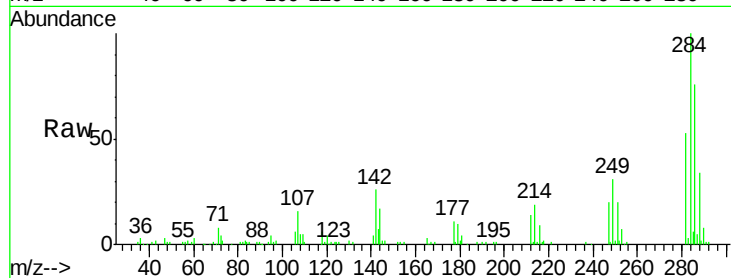




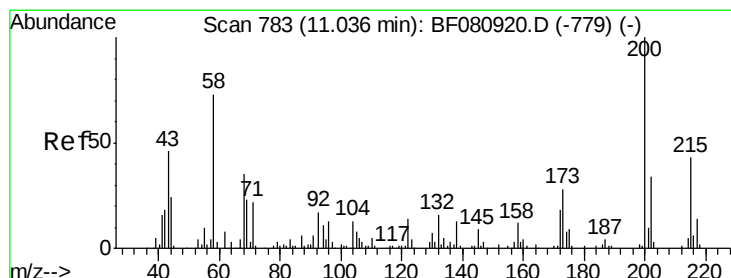
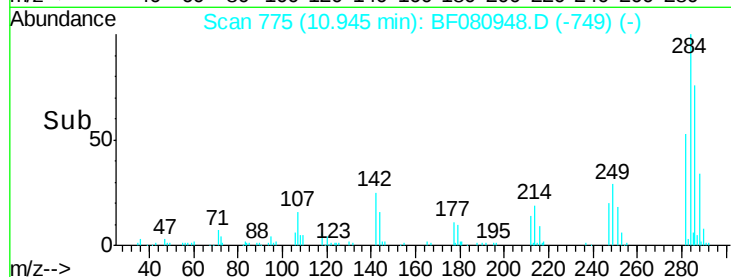
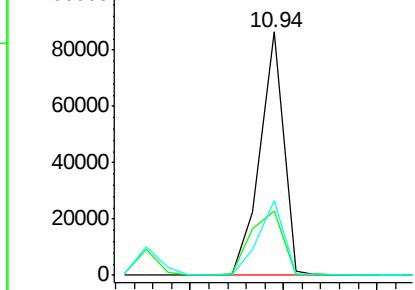
#67
Hexachlorobenzene
Concen: 34.09 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 76055
Ion Ratio Lower Upper
284 100
142 26.4 12.8 19.2#
249 30.6 22.5 33.7

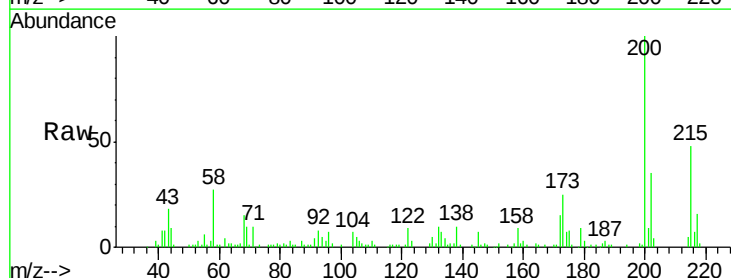


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

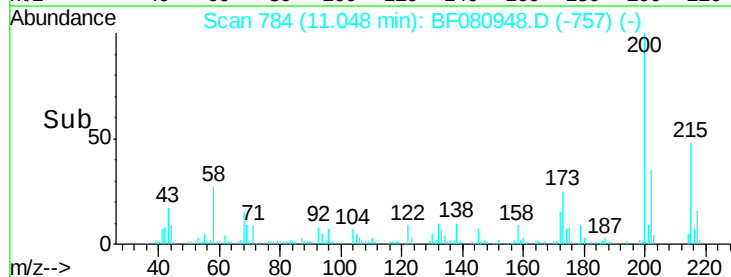
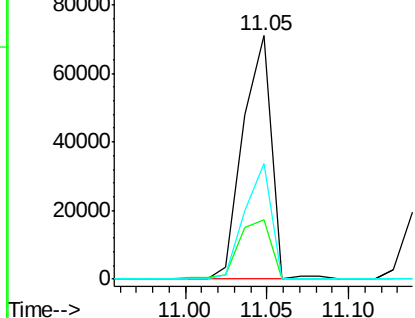


#68
Atrazine
Concen: 44.03 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF080948.D
Acq: 8 Aug 2015 4:10

Tgt Ion:200 Resp: 84971
Ion Ratio Lower Upper
200 100
173 24.6 8.4 48.4
215 47.7 22.7 62.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

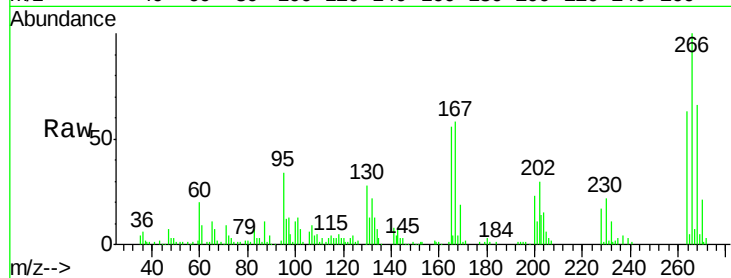




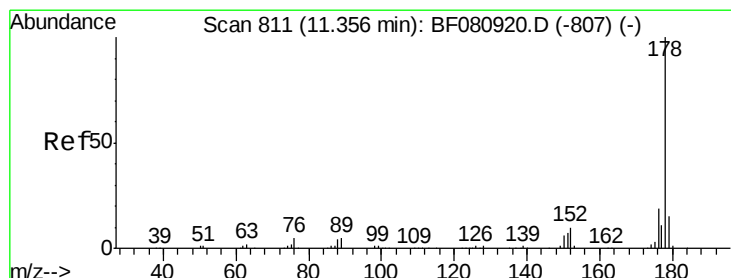
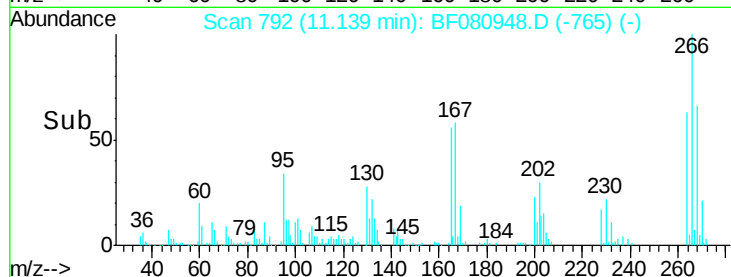
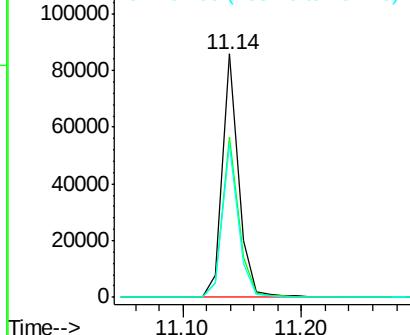
#69
 Pentachlorophenol
 Concen: 62.31 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 80827
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.6 77.4
 264 62.6 50.1 75.1

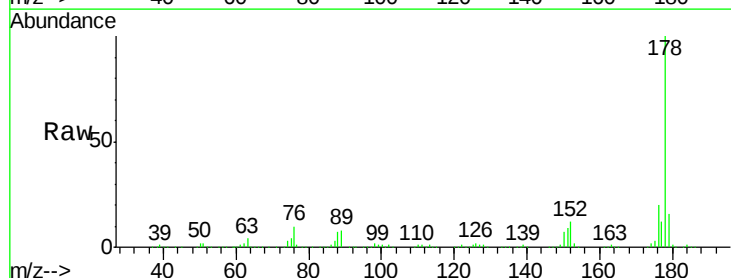


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

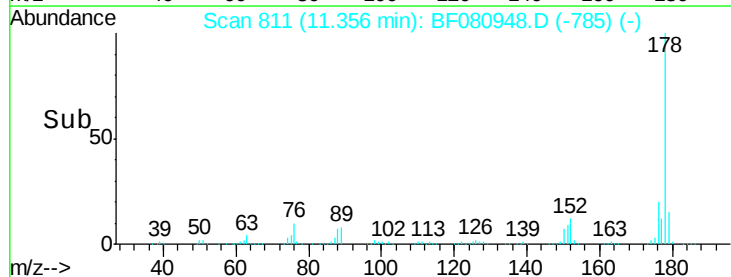
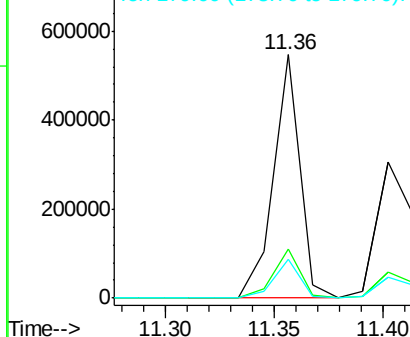


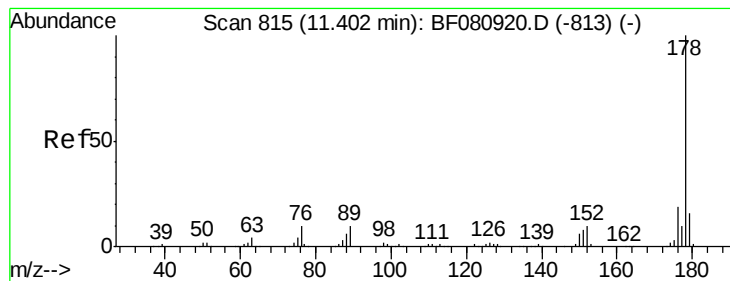
#70
 Phenanthrene
 Concen: 43.70 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

Tgt Ion:178 Resp: 468809
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.6 23.4
 179 15.7 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: 33.40 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

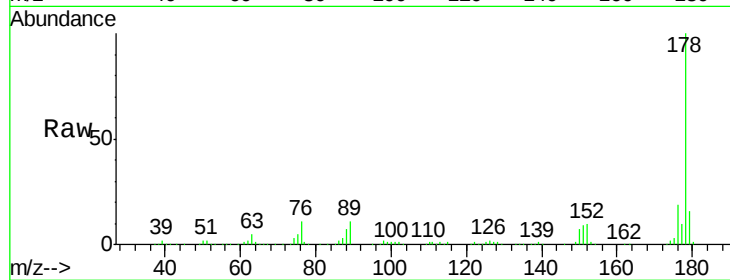
Tot Ion:178 Resp: 354729

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

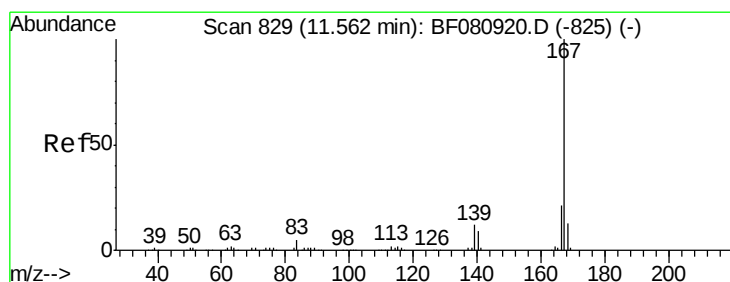
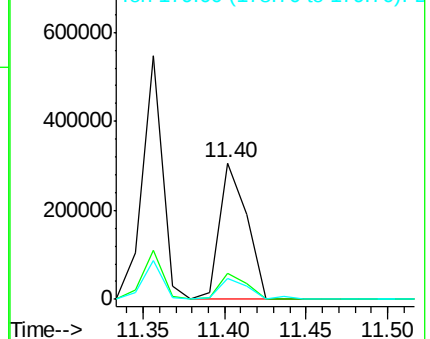
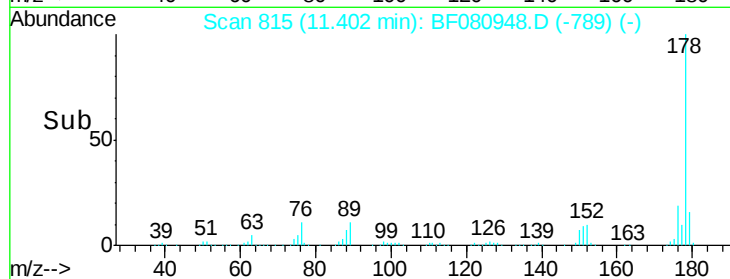
179 15.7 12.6 18.8



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: 31.35 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

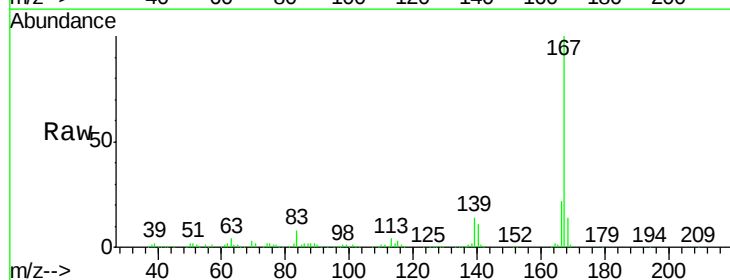
Tgt Ion:167 Resp: 324217

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

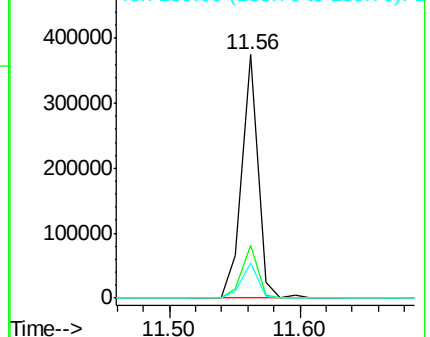
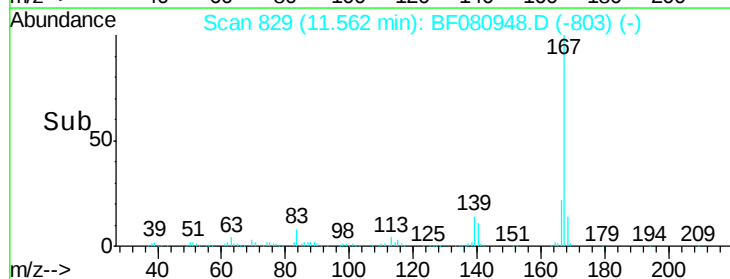
139 14.3 9.2 13.8#



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: 35.67 ng

RT: 11.89 min Scan# 858

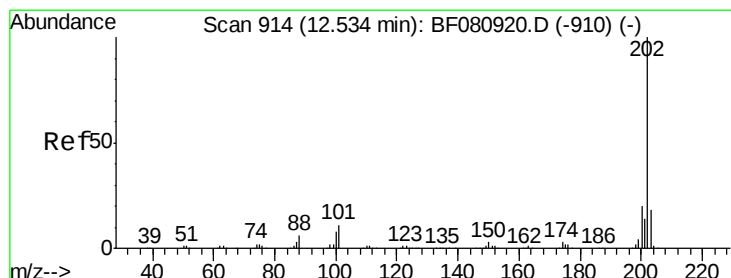
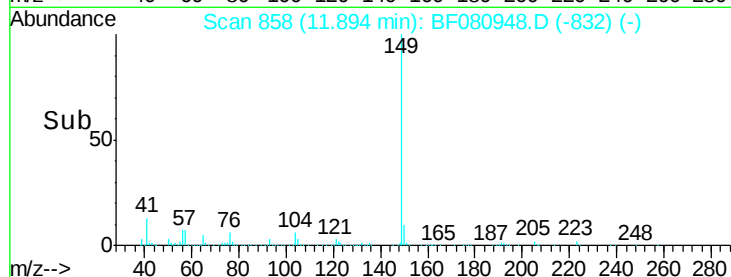
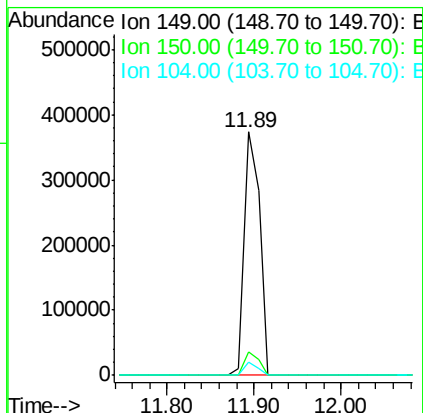
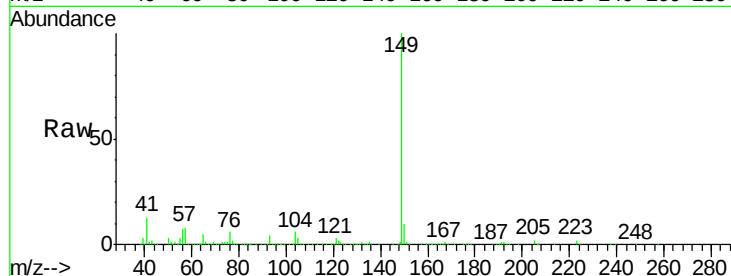
Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:149	Resp:	461146
Ion Ratio	Lower	Upper
149	100	
150	9.5	7.6 11.4
104	5.7	4.4 6.6



#74

Fluoranthene

Concen: 64.87 ng

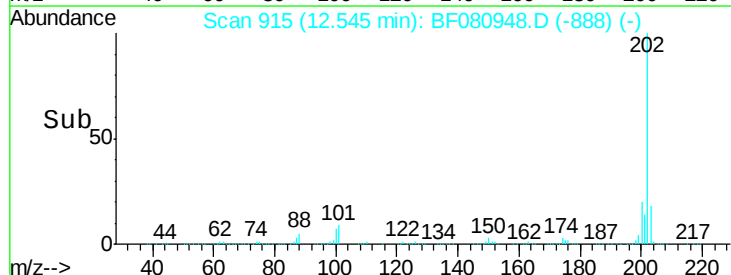
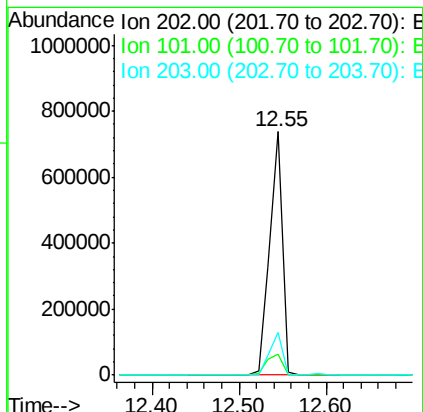
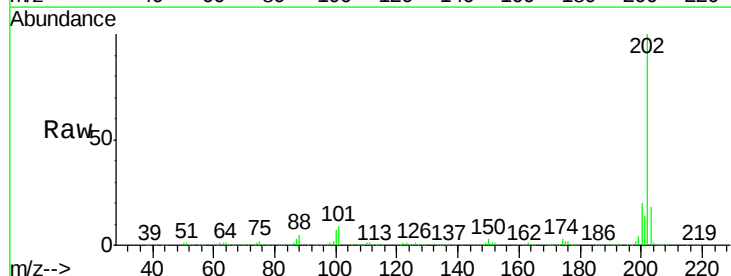
RT: 12.55 min Scan# 915

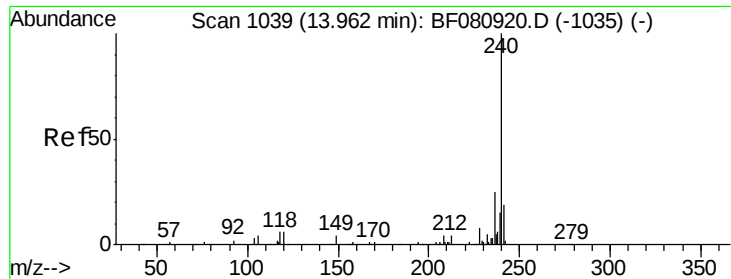
Delta R.T. 0.01 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Tgt Ion:202	Resp:	752300
Ion Ratio	Lower	Upper
202	100	
101	8.7	0.0 30.5
203	17.7	0.0 37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

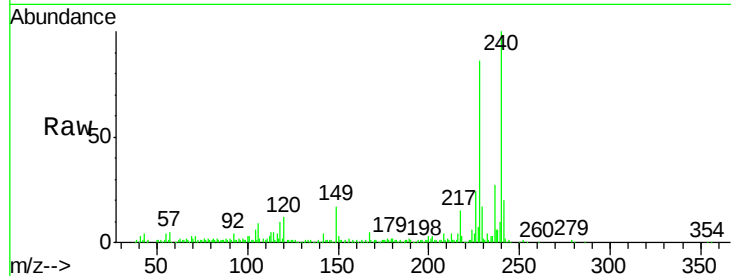
Tot Ion:240 Resp: 139144

Ion Ratio Lower Upper

240 100

120 11.8 5.2 7.8#

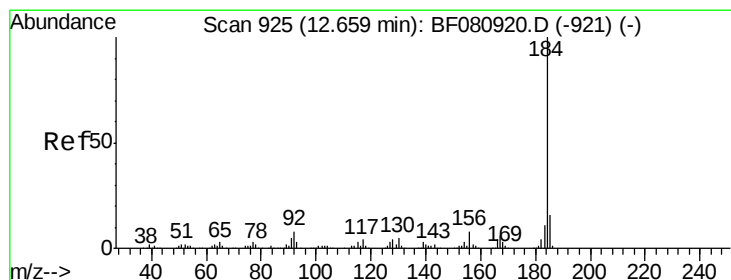
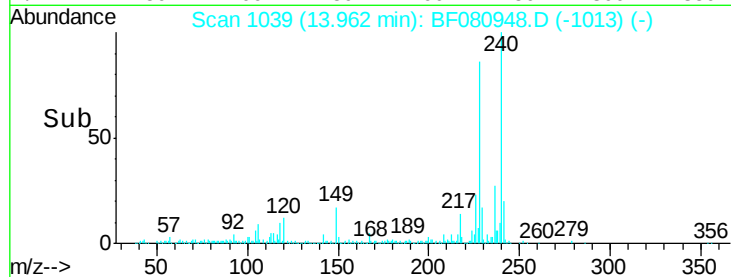
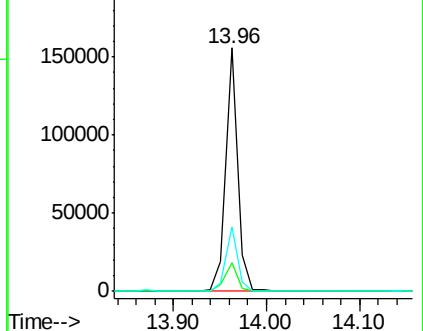
236 26.6 20.2 30.4



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: 52.48 ng

RT: 12.67 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

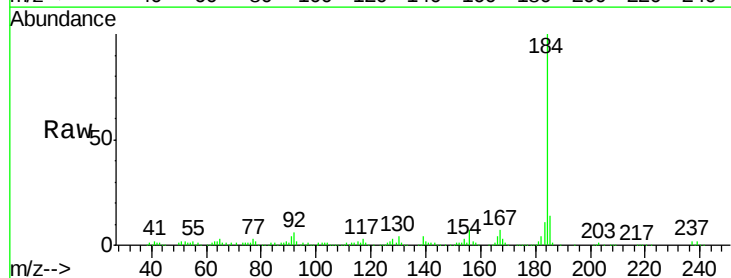
Tgt Ion:184 Resp: 268640

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.4

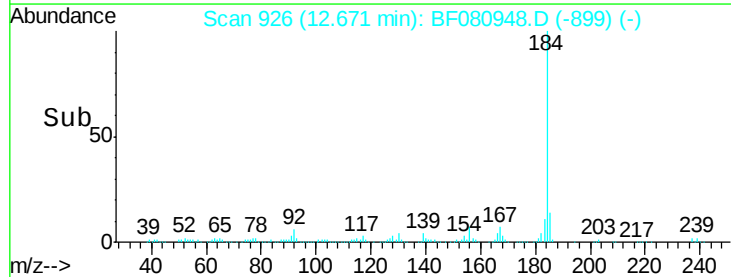
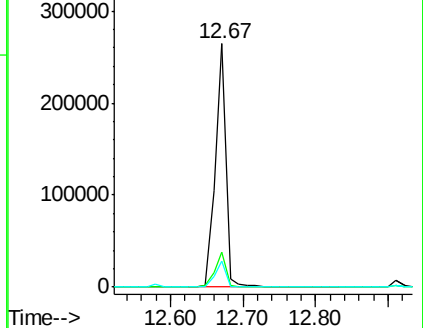
183 10.8 8.7 13.1

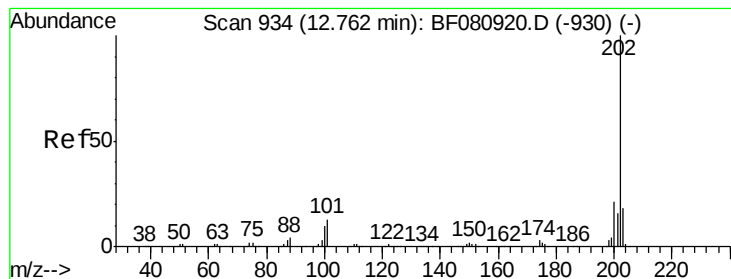


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 63.83 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

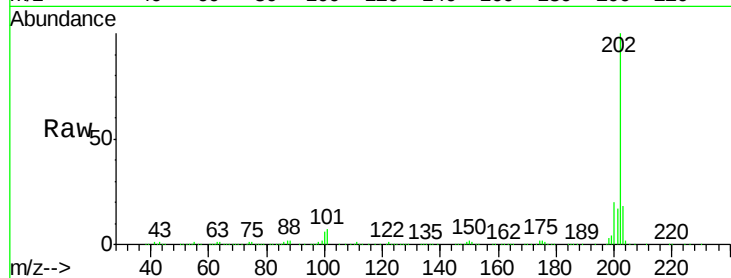
Tot Ion:202 Resp: 656093

Ion Ratio Lower Upper

202 100

200 20.2 16.6 24.8

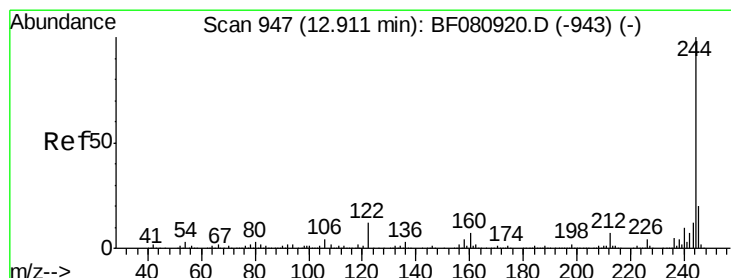
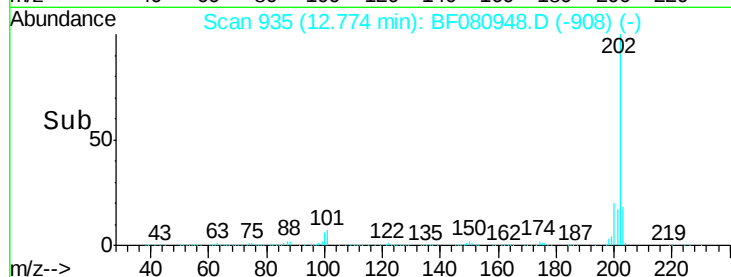
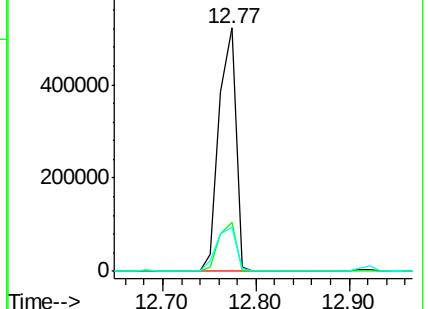
203 17.8 14.2 21.2



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: 69.76 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

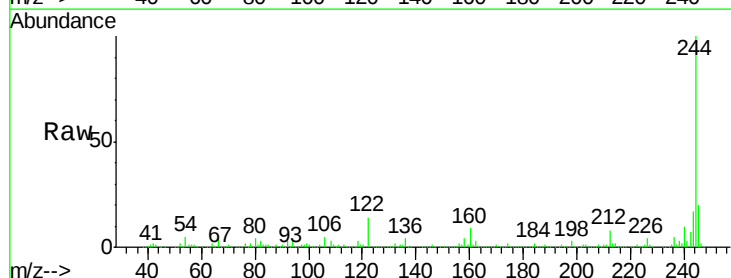
Tgt Ion:244 Resp: 469905

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

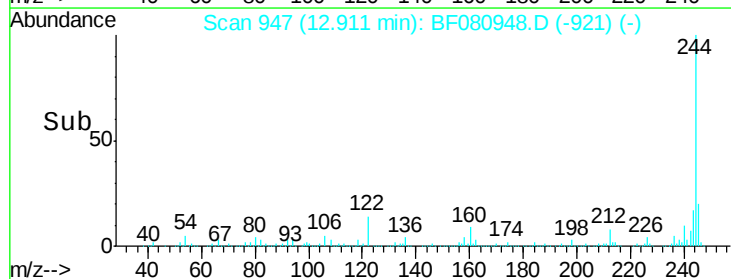
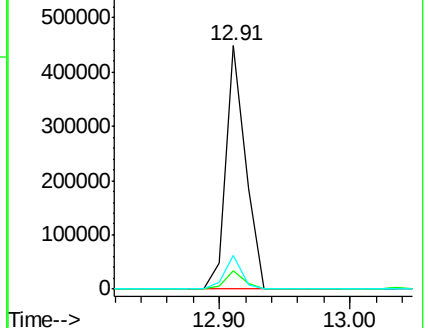
122 13.8 9.4 14.2

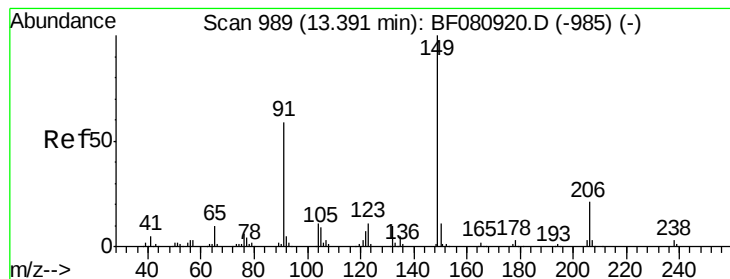


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.84 ng

RT: 13.39 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampled :

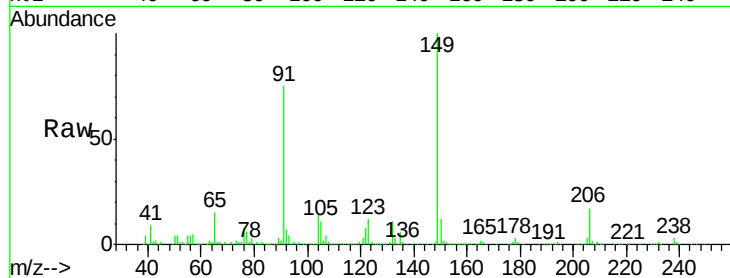
Tot Ion:149 Resp: 187521

Ion Ratio Lower Upper

149 100

91 74.8 47.2 70.8#

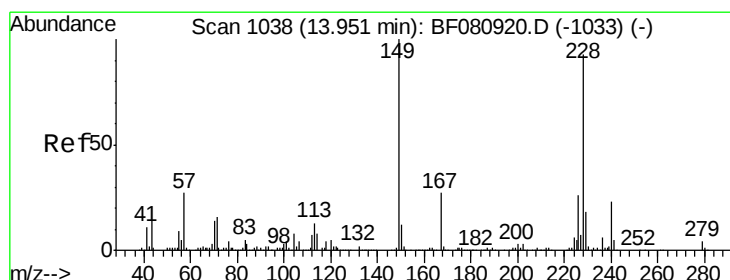
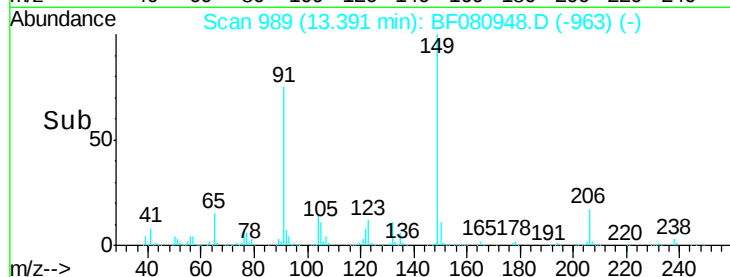
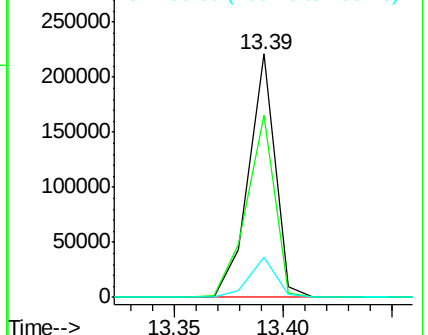
206 16.7 16.5 24.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.41 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

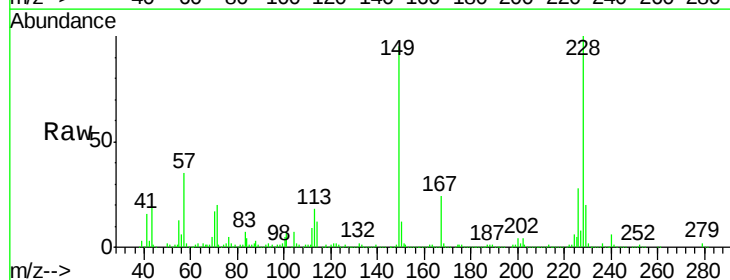
Tgt Ion:228 Resp: 399108

Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.2

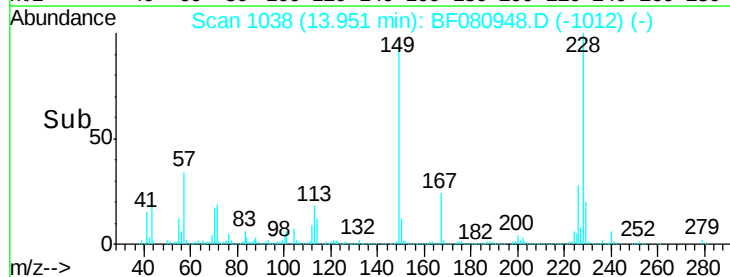
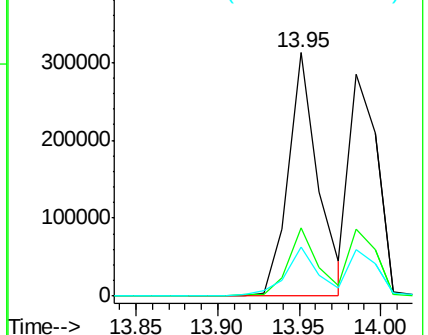
229 20.1 15.8 23.6

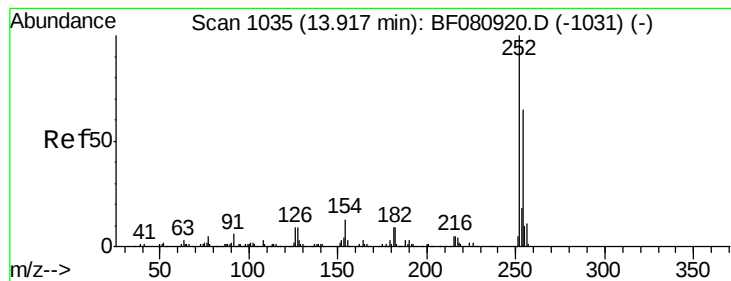


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 60.36 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

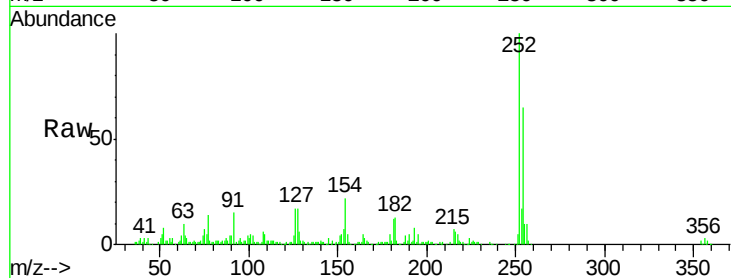
Tot Ion:252 Resp: 192992

Ion Ratio Lower Upper

252 100

254 64.8 51.7 77.5

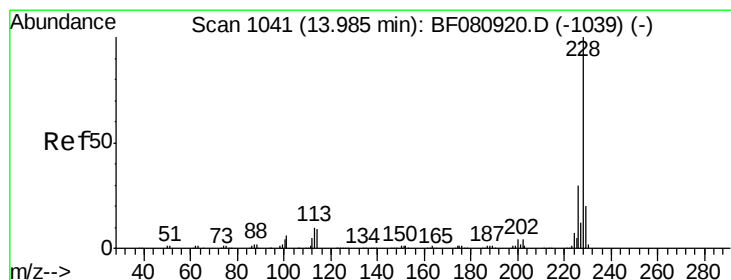
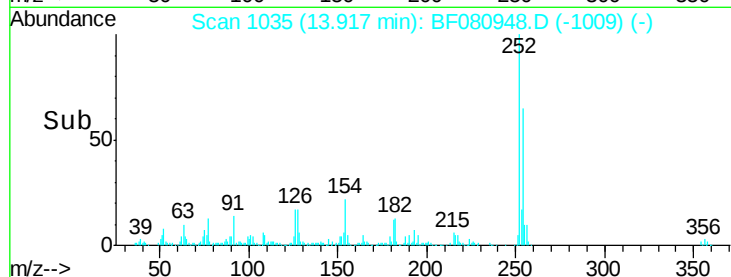
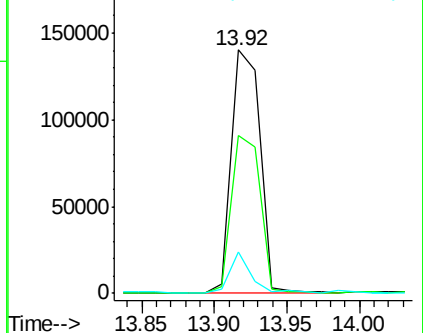
126 16.9 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.77 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

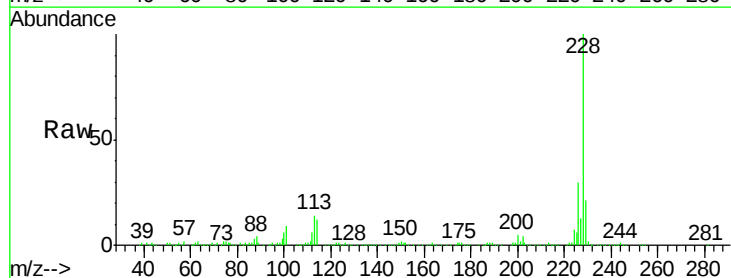
Tgt Ion:228 Resp: 343096

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

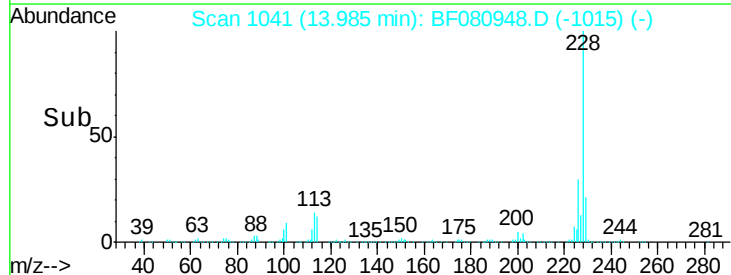
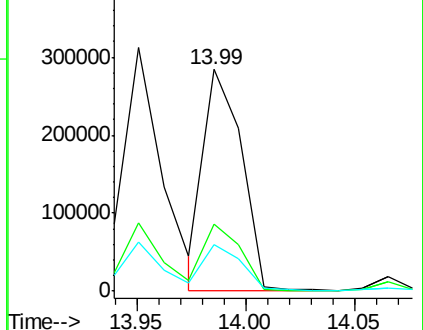
229 20.9 15.8 23.6

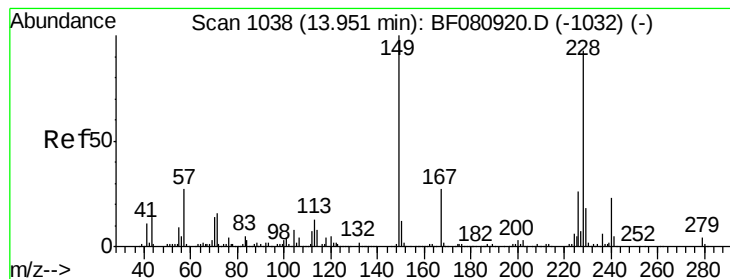


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.13 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

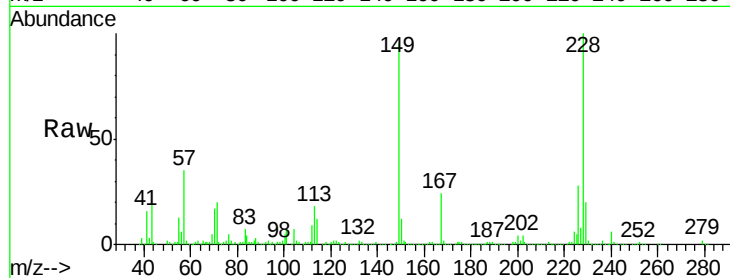
Tot Ion:149 Resp: 256030

Ion Ratio Lower Upper

149 100

167 25.5 21.4 32.0

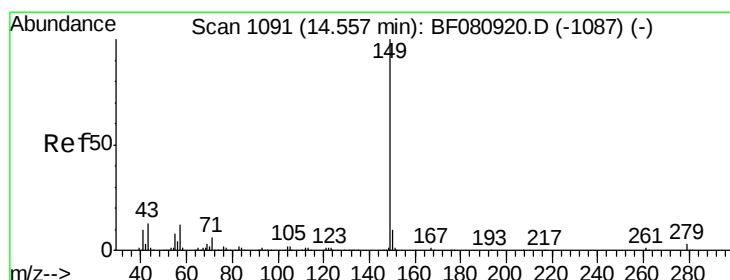
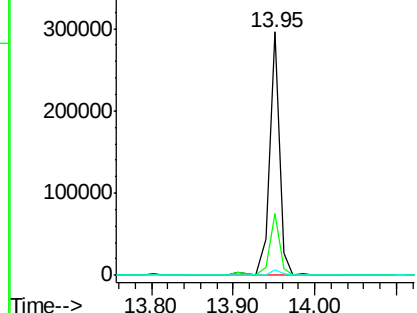
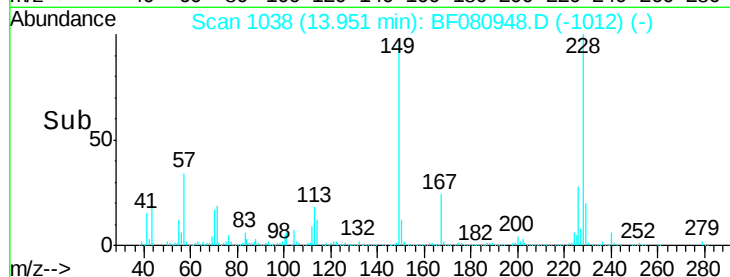
279 2.5 2.9 4.3#



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: 31.71 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

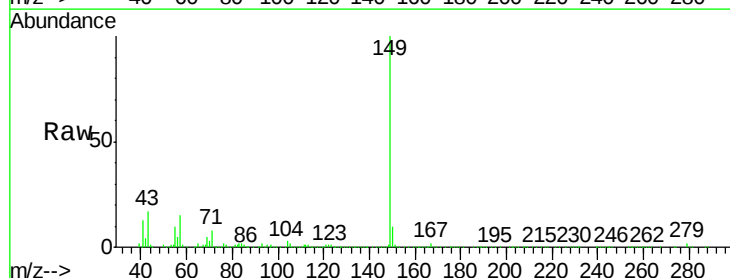
Tgt Ion:149 Resp: 370727

Ion Ratio Lower Upper

149 100

167 1.8 1.1 1.7#

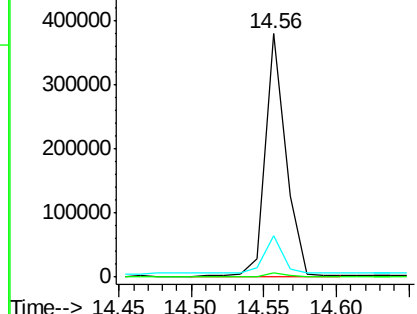
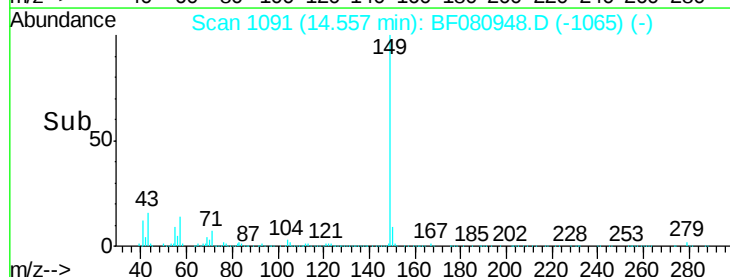
43 14.6 11.0 16.4

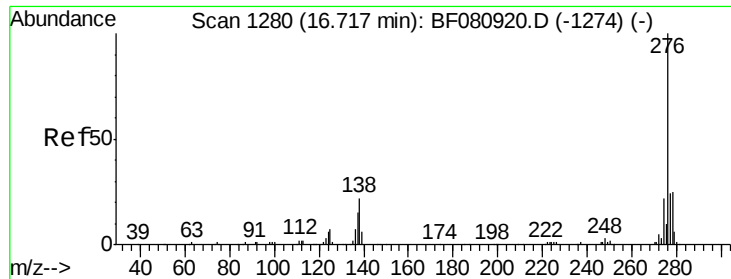


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

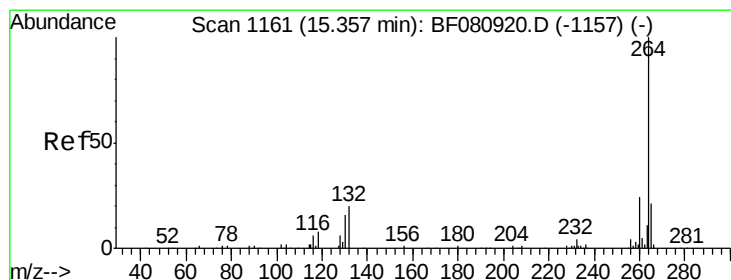
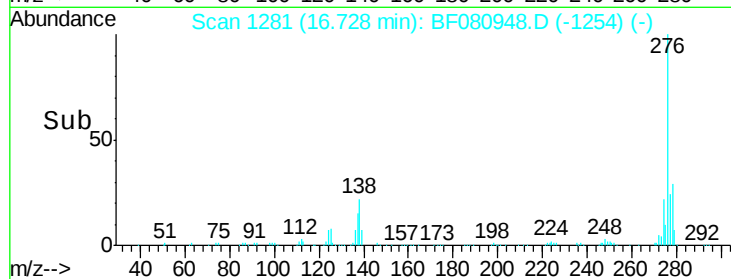
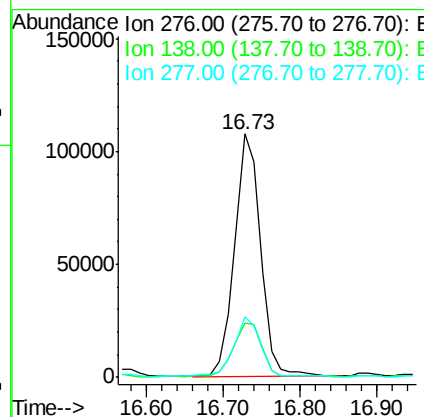
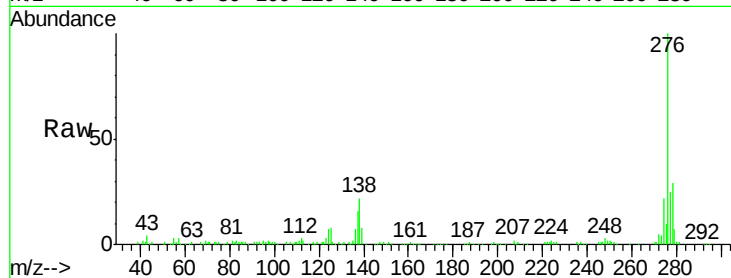




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.20 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. 0.01 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

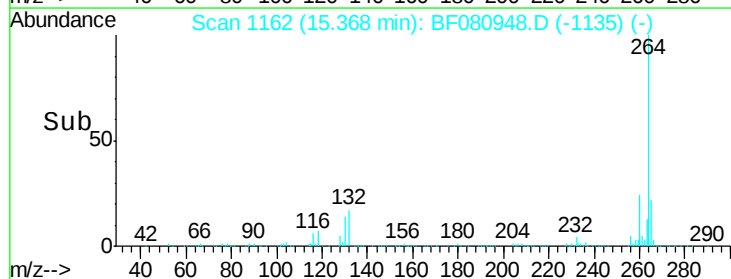
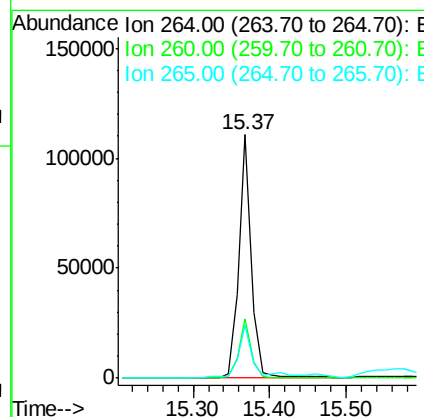
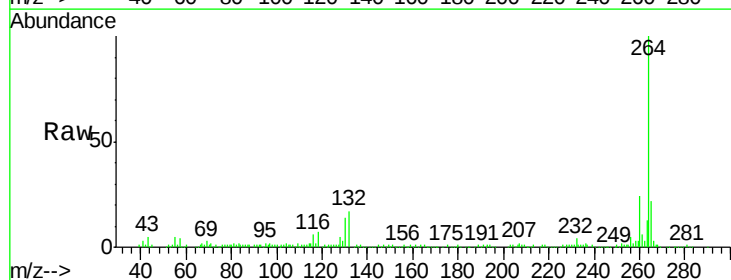
Instrument :
 BNA_F
 ClientSampleId :

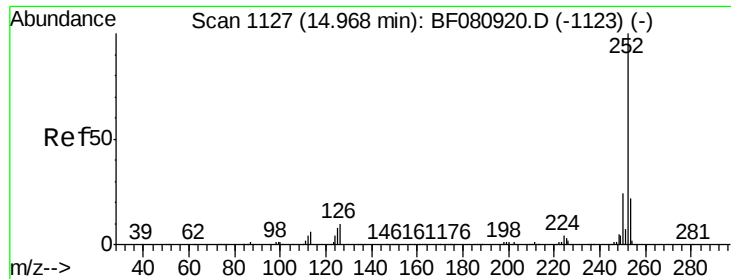
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.9	29.9
277	25.9	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	22.0	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 76.07 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.03 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

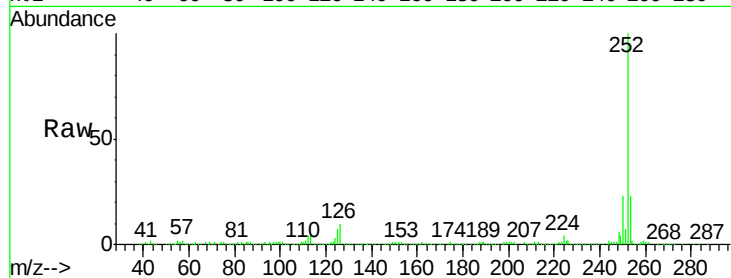
Tot Ion:252 Resp: 689019

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

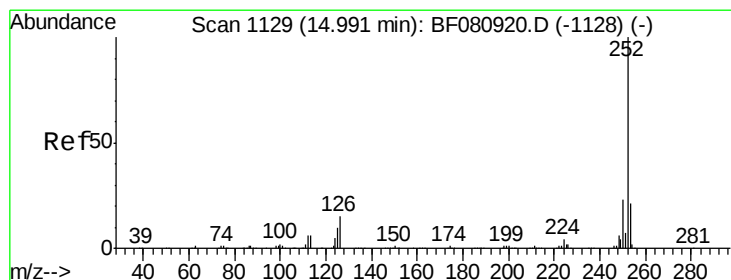
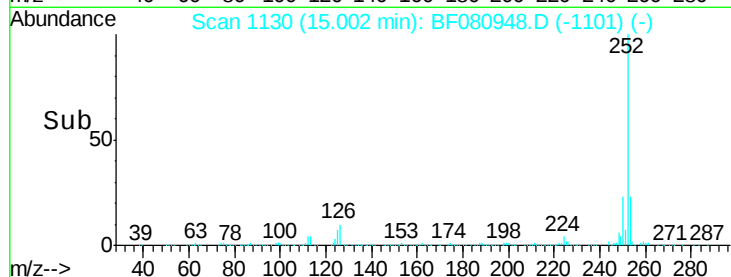
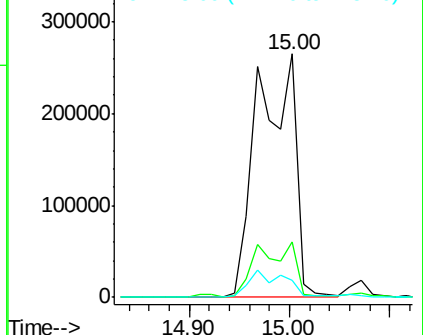
125 7.1 6.1 9.1



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: 86.96 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

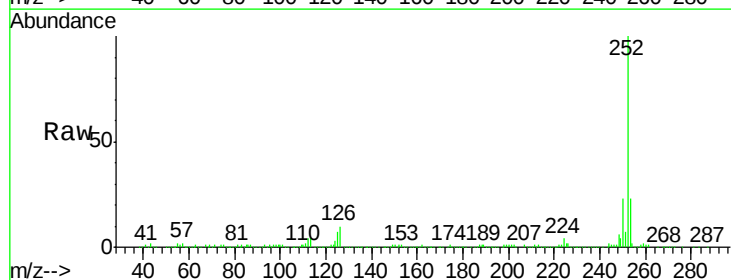
Tgt Ion:252 Resp: 689019

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

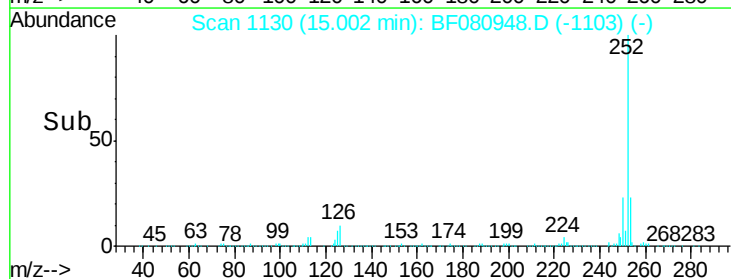
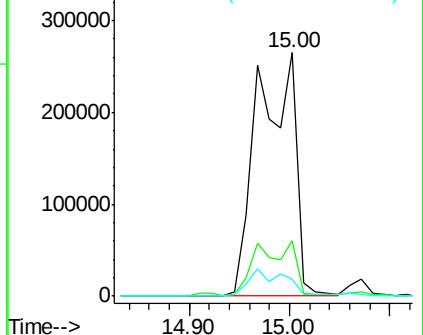
125 7.1 9.0 13.6#

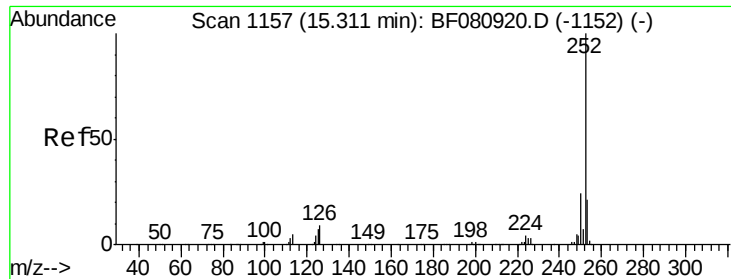


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.04 ng

RT: 15.31 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

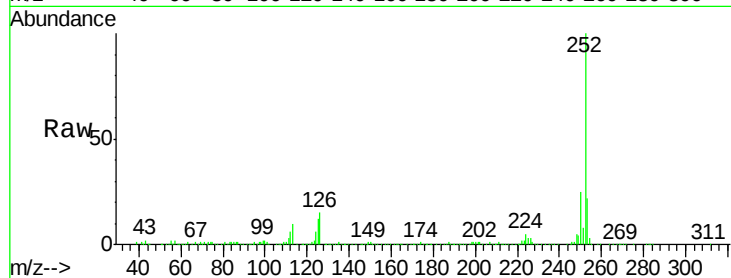
Tot Ion:252 Resp: 319462

Ion Ratio Lower Upper

252 100

253 22.4 16.9 25.3

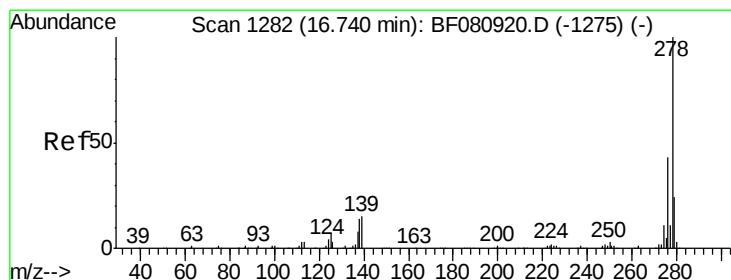
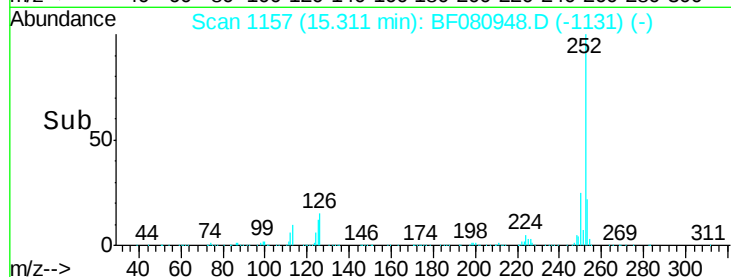
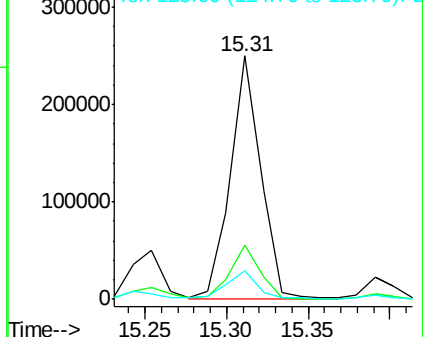
125 11.8 5.8 8.8#



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: 29.63 ng

RT: 16.75 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF080948.D

Acq: 8 Aug 2015 4:10

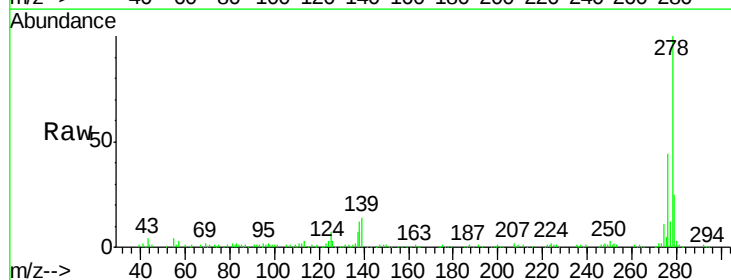
Tgt Ion:278 Resp: 203976

Ion Ratio Lower Upper

278 100

139 13.6 11.9 17.9

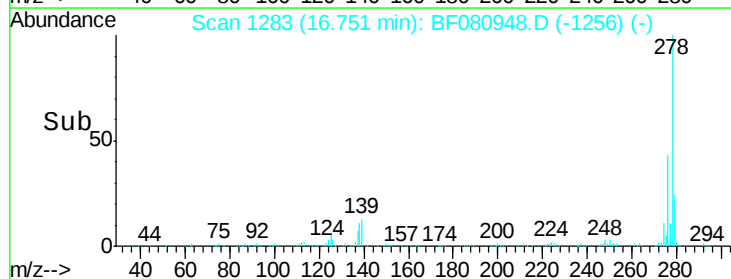
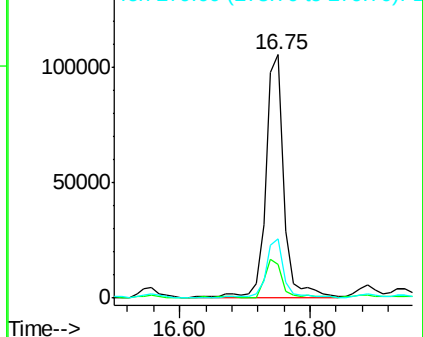
279 24.5 19.0 28.6

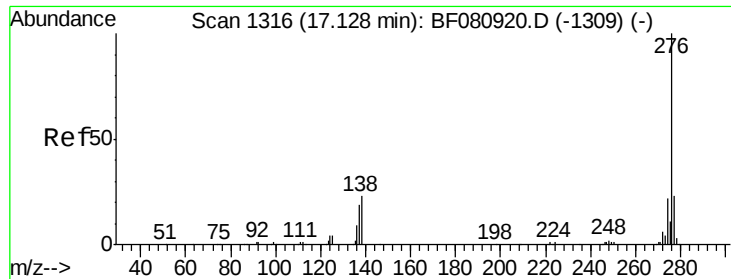


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

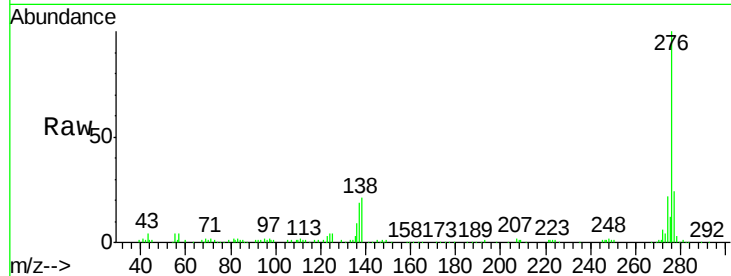




#91
 Benzo(a,h,i)perylene
 Concen: 29.70 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF080948.D
 Acq: 8 Aug 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.8	18.6	28.0	
138	20.7	18.4	27.6	



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

