

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080098.D
 Acq On : 22 Jun 2015 17:08
 Operator : TP/IZ
 Sample : PB84131BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BSD

Quant Time: Jun 23 01:03:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	49510	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	200701	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	104947	20.00	ng	0.00
63) Phenanthrene-d10	11.90	188	224181	20.00	ng	-0.01
75) Chrysene-d12	14.94	240	241782	20.00	ng	-0.06
86) Perylene-d12	16.85	264	235758	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.93	112	233578	83.51	ng	0.00
7) Phenol-d6	6.93	99	294576	79.15	ng	0.00
23) Nitrobenzene-d5	7.88	82	313442	90.92	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	83354	81.22	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	645606	87.73	ng	0.00
78) Terphenyl-d14	13.63	244	799948	77.27	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	36956	27.80	ng	91
3) Pyridine	4.02	79	109054	30.85	ng	# 80
4) n-Nitrosodimethylamine	3.93	42	49049	29.19	ng	92
6) Aniline	6.97	93	151038	29.50	ng	91
8) 2-Chlorophenol	7.10	128	113774	35.20	ng	# 80
9) Benzaldehyde	6.87	77	55677	25.91	ng	88
10) Phenol	6.94	94	146137	35.98	ng	85
11) bis(2-Chloroethyl)ether	7.04	93	107158	33.25	ng	88
12) 1,3-Dichlorobenzene	7.27	146	123772	31.87	ng	99
13) 1,4-Dichlorobenzene	7.27	146	123772	33.51	ng	98
14) 1,2-Dichlorobenzene	7.50	146	128151	35.66	ng	97
15) Benzyl Alcohol	7.44	79	100398	32.99	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	7.59	45	188891	39.49	ng	85
17) 2-Methylphenol	7.56	107	93769	33.96	ng	# 90
18) Hexachloroethane	7.84	117	42295	34.40	ng	90
19) n-Nitroso-di-n-propylamine	7.72	70	89974	34.82	ng	# 76
20) 3+4-Methylphenols	7.70	107	130240	36.55	ng	92
22) Acetophenone	7.72	105	158736	33.94	ng	# 79
24) Nitrobenzene	7.90	77	128724	36.18	ng	# 74
25) Isophorone	8.14	82	219683	31.66	ng	# 98
26) 2-Nitrophenol	8.22	139	61309	41.16	ng	# 68
27) 2,4-Dimethylphenol	8.24	122	116441	37.49	ng	# 83
28) bis(2-Chloroethoxy)methane	8.33	93	133041	32.64	ng	# 90
29) 2,4-Dichlorophenol	8.46	162	106941	40.21	ng	99
30) 1,2,4-Trichlorobenzene	8.55	180	112915	37.38	ng	97
31) Naphthalene	8.63	128	336881	32.10	ng	98
32) Benzoic acid	8.30	122	43178	22.99	ng	# 67
33) 4-Chloroaniline	8.68	127	140333	31.25	ng	# 98
34) Hexachlorobutadiene	8.76	225	64839	34.86	ng	99
35) Caprolactam	9.01	113	30076	34.84	ng	89
36) 4-Chloro-3-methylphenol	9.14	107	98544	32.85	ng	94
37) 2-Methylnaphthalene	9.33	142	247162	36.41	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	117130	38.35	ng	100
40) Hexachlorocyclopentadiene	9.49	237	114045	73.15	ng	97

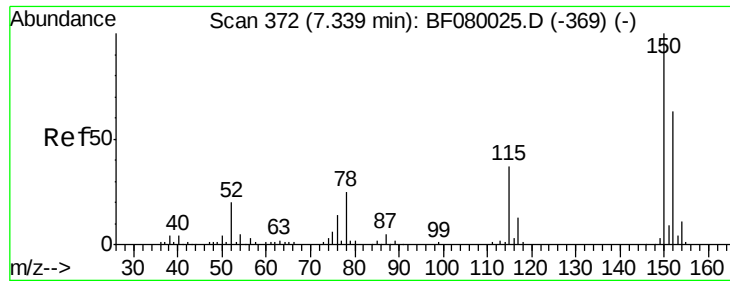
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.60	196	78386	37.72	ng	100
43) 2,4,5-Trichlorophenol	9.64	196	75471	31.52	ng #	85
45) 1,1'-Biphenyl	9.80	154	292242	34.23	ng	95
46) 2-Chloronaphthalene	9.82	162	218614	31.55	ng #	92
47) 2-Nitroaniline	9.91	65	62869	33.06	ng	95
48) Acenaphthylene	10.24	152	366415	31.69	ng	97
49) Dimethylphthalate	10.08	163	270529	34.29	ng #	97
50) 2,6-Dinitrotoluene	10.14	165	51581	32.61	ng #	32
51) Acenaphthene	10.41	154	235449	33.28	ng	92
52) 3-Nitroaniline	10.31	138	49080	26.89	ng #	43
53) 2,4-Dinitrophenol	10.42	184	53546	82.94	ng #	1
54) Dibenzofuran	10.58	168	323440	32.22	ng #	86
55) 4-Nitrophenol	10.46	139	105078	72.03	ng #	53
56) 2,4-Dinitrotoluene	10.55	165	82110	40.91	ng #	85
57) Fluorene	10.94	166	280642	35.23	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.70	232	65309	32.31	ng	97
59) Diethylphthalate	10.78	149	253565	31.92	ng	96
60) 4-Chlorophenyl-phenylether	10.92	204	123918	32.37	ng #	83
61) 4-Nitroaniline	10.93	138	61574	32.67	ng #	48
62) Azobenzene	11.08	77	250561	30.98	ng	85
64) 4,6-Dinitro-2-methylphenol	10.96	198	34912	34.76	ng	90
65) n-Nitrosodiphenylamine	11.03	169	229699	31.47	ng	92
66) 4-Bromophenyl-phenylether	11.42	248	83219	34.91	ng	94
67) Hexachlorobenzene	11.50	284	87856	33.16	ng #	86
68) Atrazine	11.56	200	79827	34.61	ng	82
69) Pentachlorophenol	11.69	266	90586	60.34	ng	98
70) Phenanthrene	11.92	178	432557	31.87	ng	97
71) Anthracene	11.98	178	421953	32.29	ng	99
72) Carbazole	12.13	167	384900	30.85	ng	96
73) Di-n-butylphthalate	12.46	149	433637	30.08	ng #	98
74) Fluoranthene	13.21	202	448589	31.03	ng	87
76) Benzidine	13.33	184	289635	42.86	ng	98
77) Pyrene	13.48	202	470135	31.58	ng	97
79) Butylbenzylphthalate	14.19	149	194238	32.49	ng #	79
80) Benzo(a)anthracene	14.93	228	465588	31.61	ng	97
81) 3,3'-Dichlorobenzidine	14.87	252	113066	22.26	ng #	92
82) Chrysene	14.97	228	423169	31.16	ng	95
83) Bis(2-ethylhexyl)phthalate	14.91	149	301554	31.92	ng #	94
84) Di-n-octyl phthalate	15.74	149	498350	30.78	ng	97
85) Indeno(1,2,3-cd)pyrene	18.70	276	477186	27.86	ng #	88
87) Benzo(b)fluoranthene	16.31	252	423254	29.65	ng #	85
88) Benzo(k)fluoranthene	16.35	252	449367	30.92	ng #	87
89) Benzo(a)pyrene	16.77	252	419622	30.95	ng #	86
90) Dibenzo(a,h)anthracene	18.72	278	402049	28.98	ng #	82
91) Benzo(g,h,i)perylene	19.26	276	397076	28.34	ng #	76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 371

Delta R.T. -0.00 min

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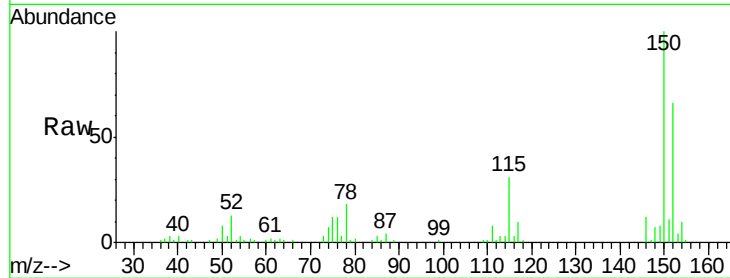
Tgt Ion:152 Resp: 49510

Ion Ratio Lower Upper

152 100

150 152.3 124.7 187.1

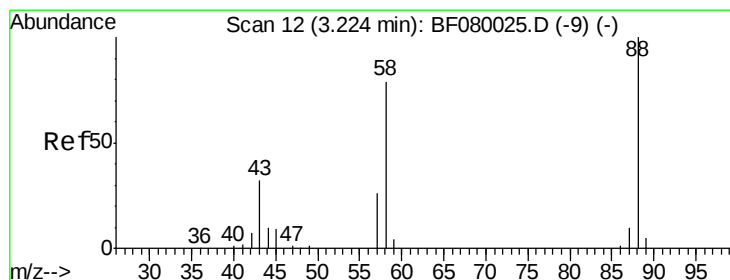
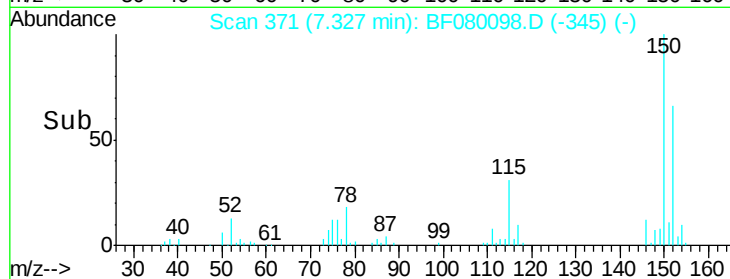
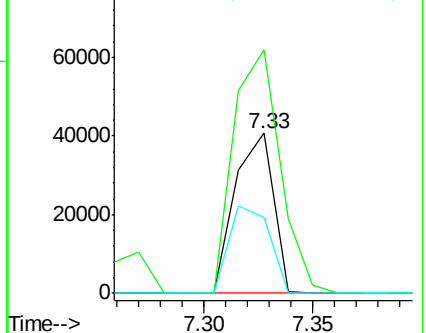
115 47.2 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.80 ng

RT: 3.21 min Scan# 11

Delta R.T. 0.02 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

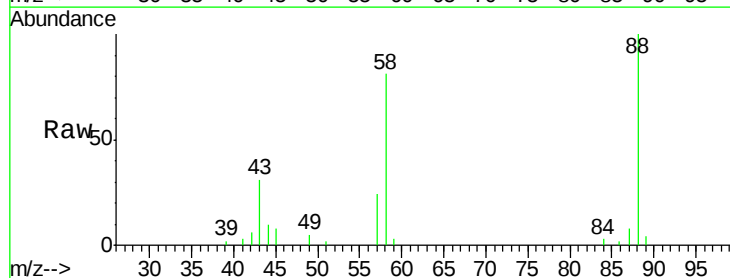
Tgt Ion: 88 Resp: 36956

Ion Ratio Lower Upper

88 100

58 86.1 77.7 116.5

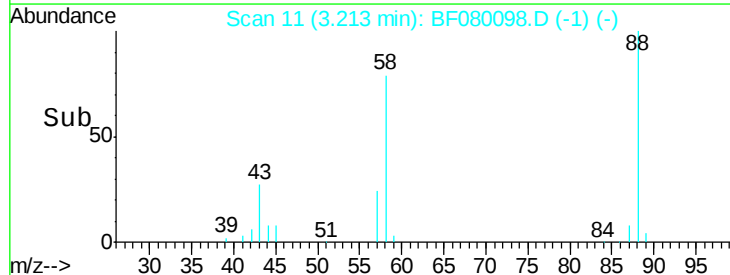
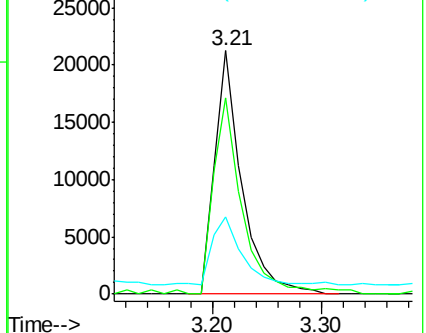
43 31.4 26.6 40.0

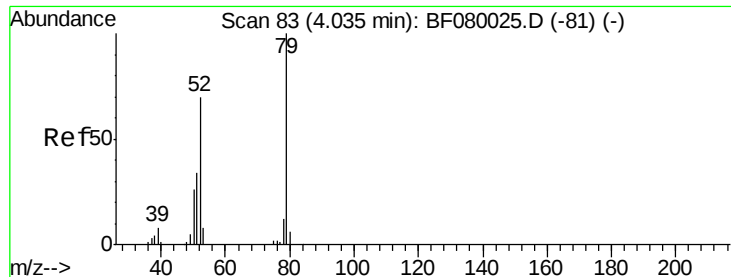


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.85 ng

RT: 4.02 min Scan# 82

Delta R.T. 0.02 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

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ClientSampleId :

PB84131BSD

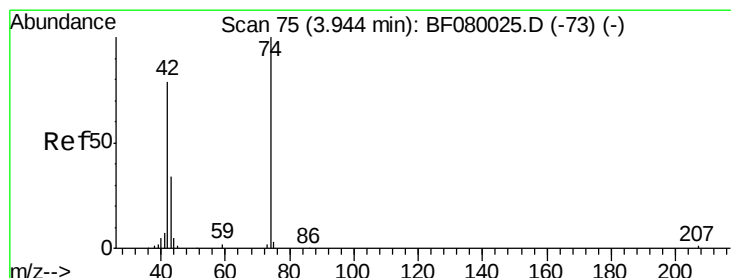
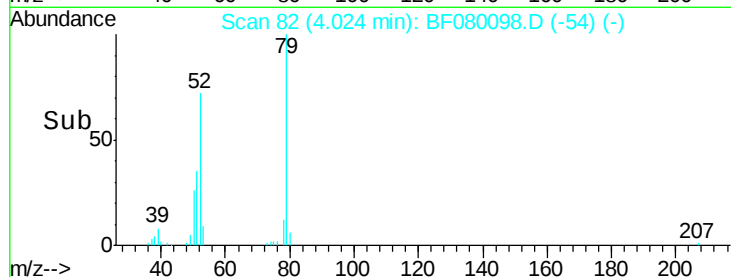
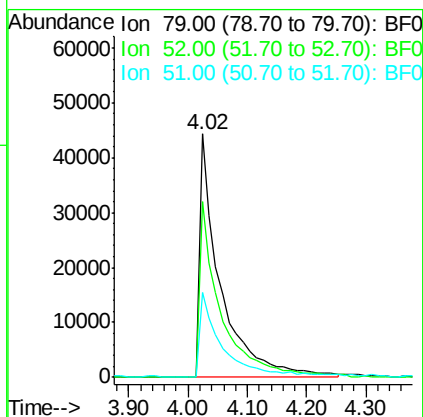
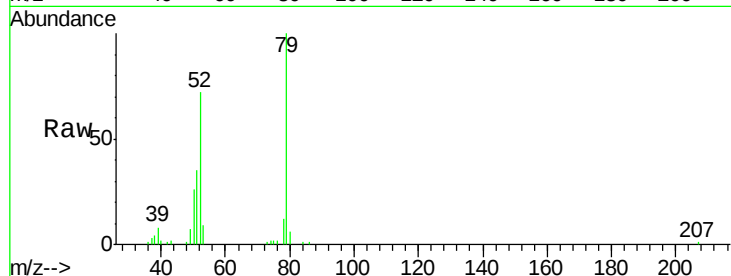
Tgt Ion: 79 Resp: 109054

Ion Ratio Lower Upper

79 100

52 72.3 76.8 115.2#

51 35.1 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 29.19 ng

RT: 3.93 min Scan# 74

Delta R.T. 0.01 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

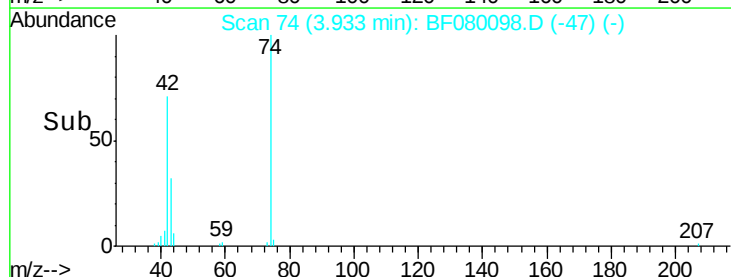
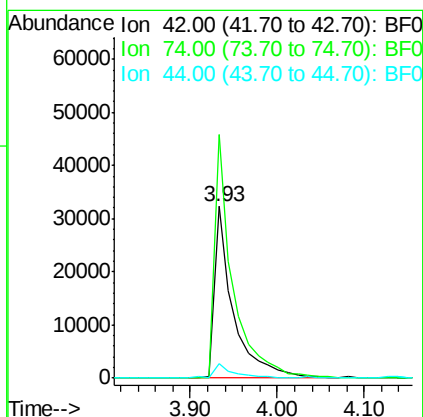
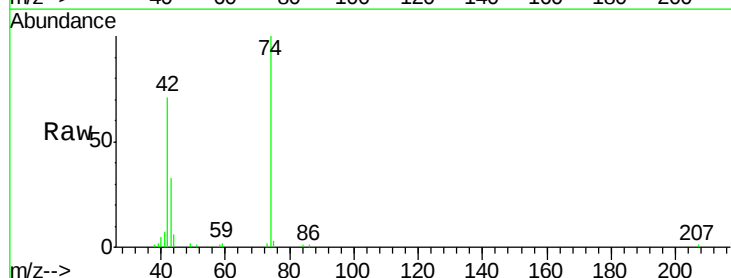
Tgt Ion: 42 Resp: 49049

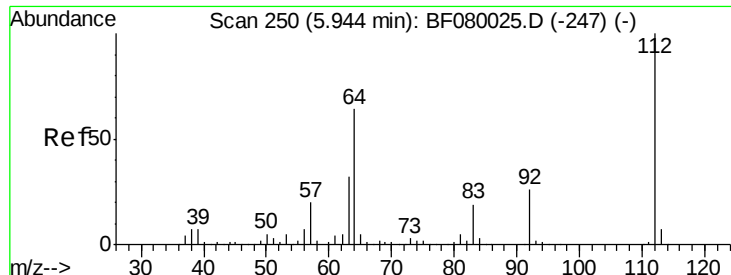
Ion Ratio Lower Upper

42 100

74 141.7 105.0 157.6

44 8.5 6.6 10.0





#5

2-Fluorophenol

Concen: 83.51 ng

RT: 5.93 min Scan# 249

Delta R.T. -0.00 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

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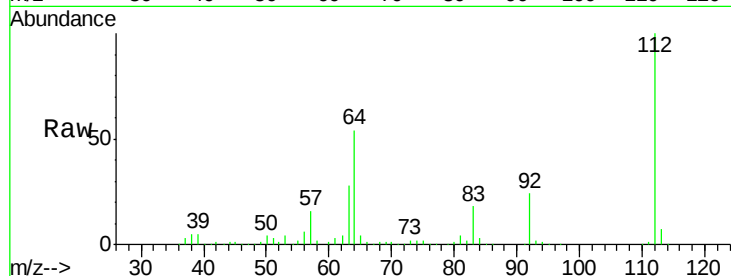
Tgt Ion: 112 Resp: 233578

Ion Ratio Lower Upper

112 100

64 54.5 39.7 59.5

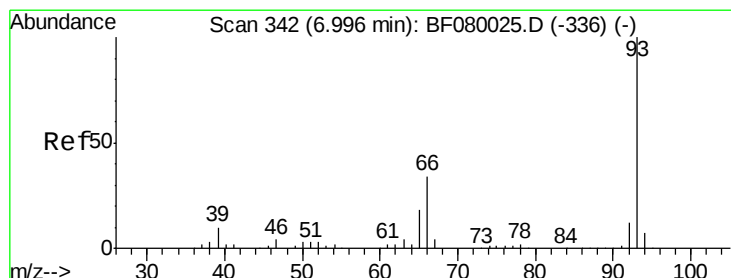
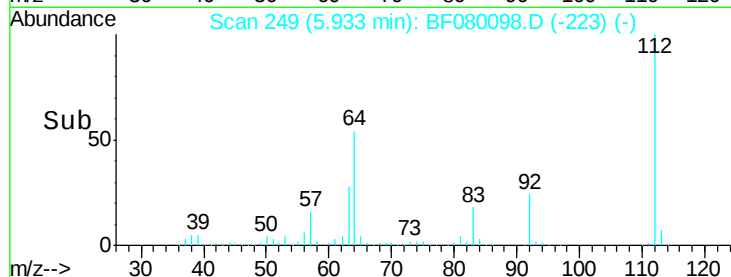
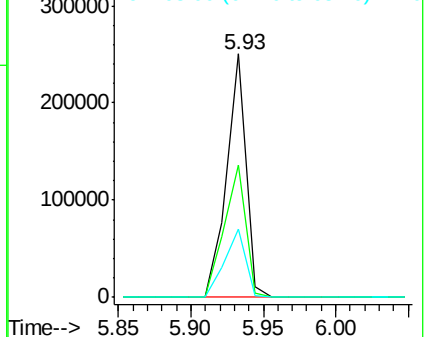
63 27.8 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.50 ng

RT: 6.97 min Scan# 340

Delta R.T. -0.00 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

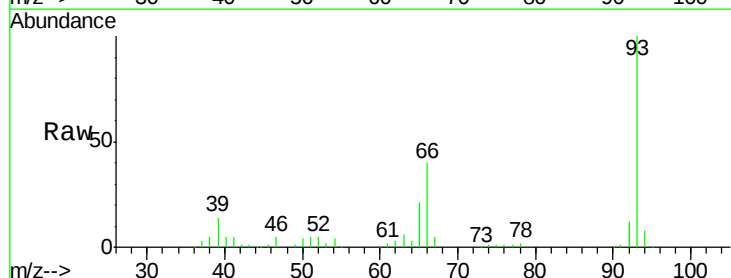
Tgt Ion: 93 Resp: 151038

Ion Ratio Lower Upper

93 100

66 40.1 27.2 40.8

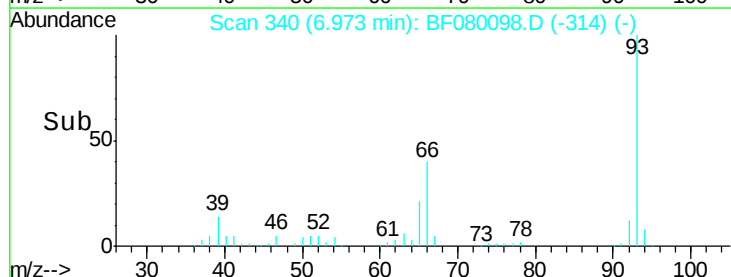
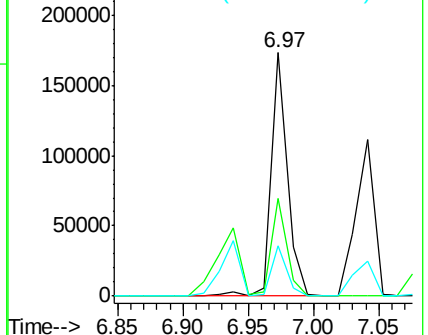
65 20.7 14.7 22.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.15 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.00 min

Lab File: BF080098.D

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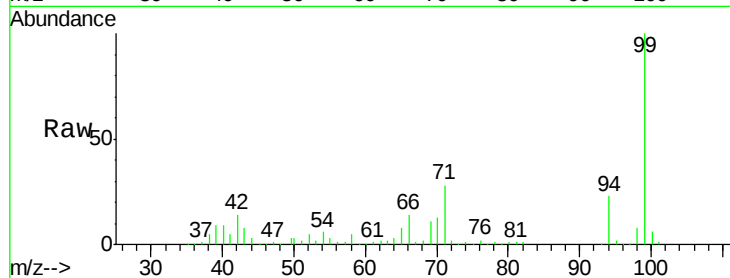
Tgt Ion: 99 Resp: 294576

Ion Ratio Lower Upper

99 100

42 13.9 13.7 20.5

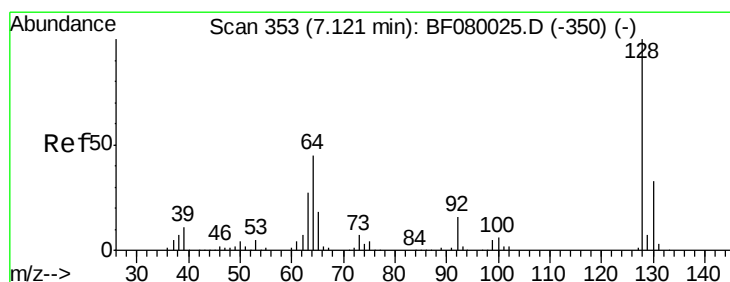
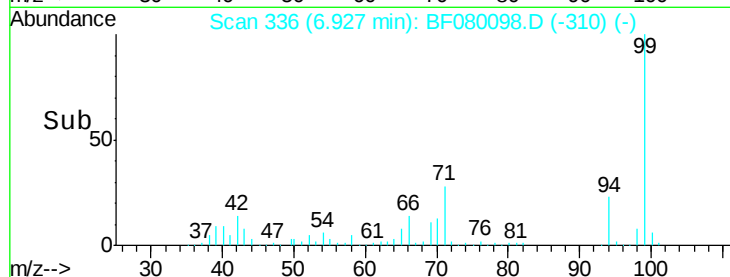
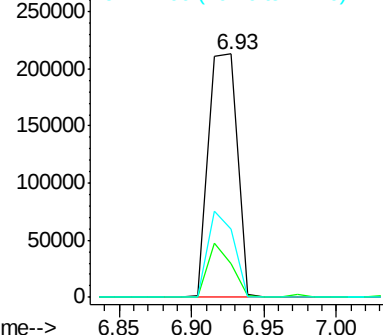
71 27.8 14.2 21.2#



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: 35.20 ng

RT: 7.10 min Scan# 351

Delta R.T. -0.01 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

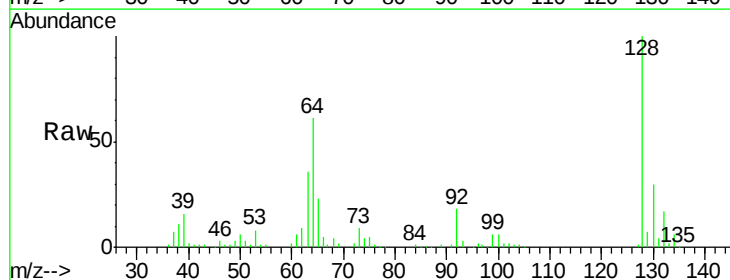
Tgt Ion: 128 Resp: 113774

Ion Ratio Lower Upper

128 100

130 30.4 12.2 52.2

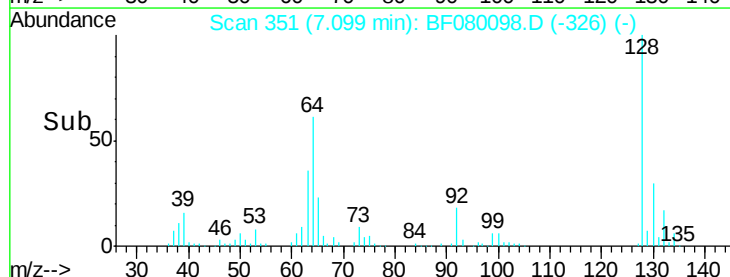
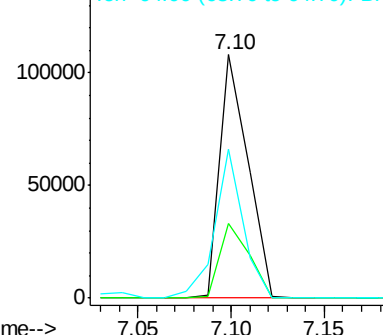
64 61.1 20.5 60.5#

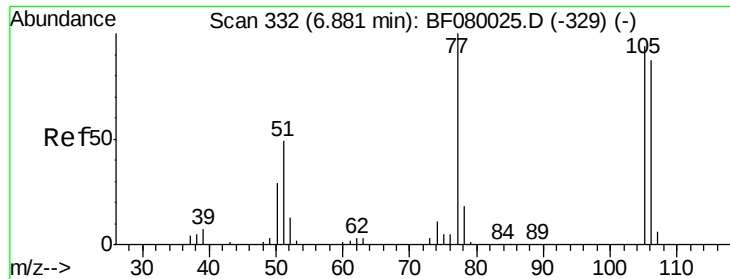


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.91 ng

RT: 6.87 min Scan# 331

Delta R.T. -0.00 min

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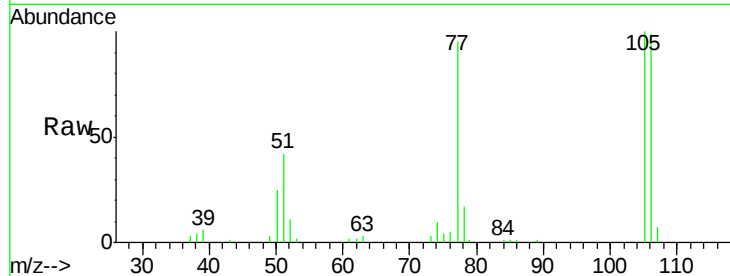
Tgt Ion: 77 Resp: 55677

Ion Ratio Lower Upper

77 100

105 104.8 91.6 131.6

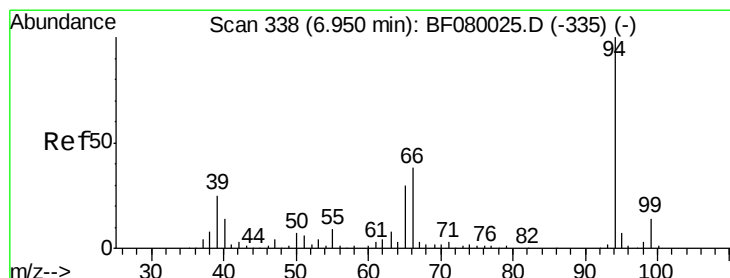
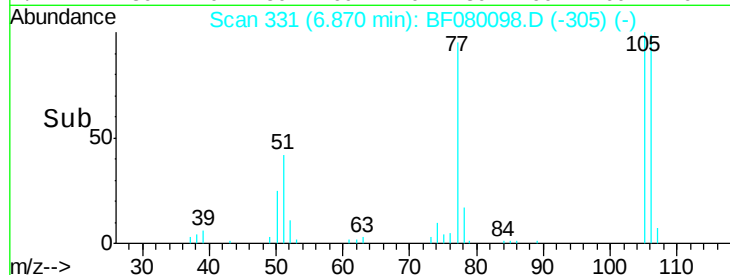
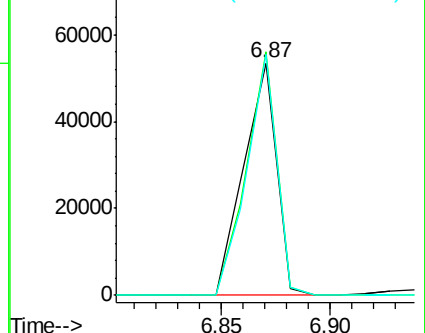
106 103.5 102.6 142.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.98 ng

RT: 6.94 min Scan# 337

Delta R.T. -0.00 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

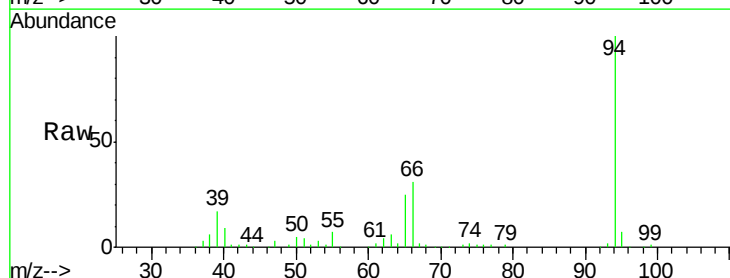
Tgt Ion: 94 Resp: 146137

Ion Ratio Lower Upper

94 100

65 24.8 0.7 40.7

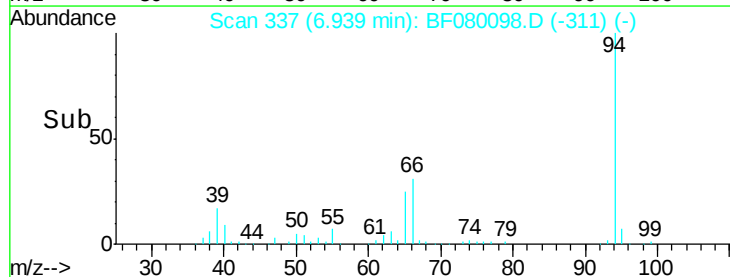
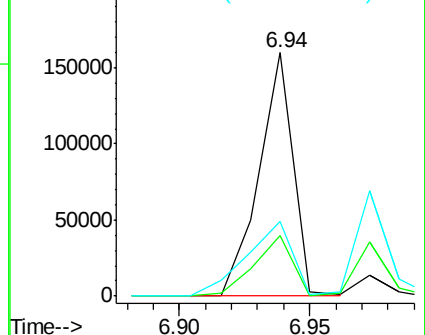
66 30.6 0.8 40.8



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

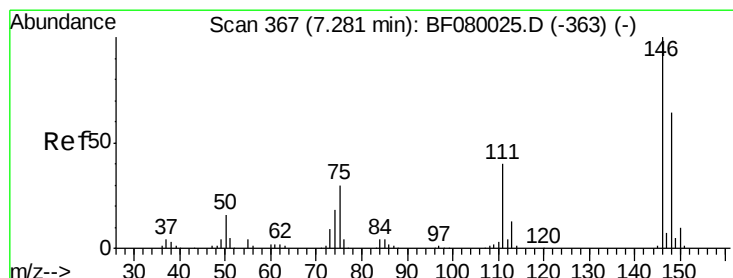
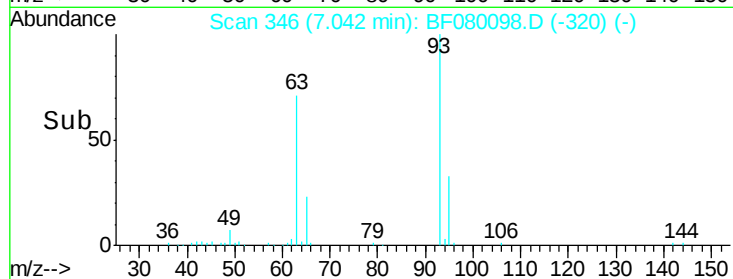
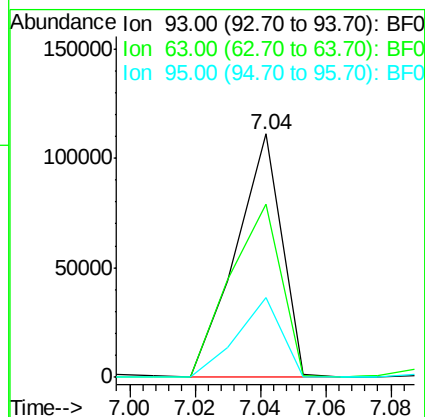
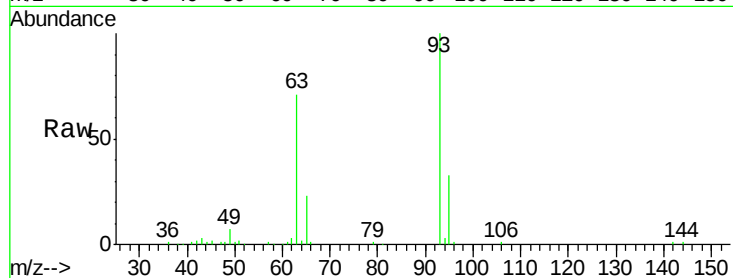




#11
bis(2-Chloroethyl)ether
Concen: 33.25 ng
RT: 7.04 min Scan# 346
Delta R.T. -0.00 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

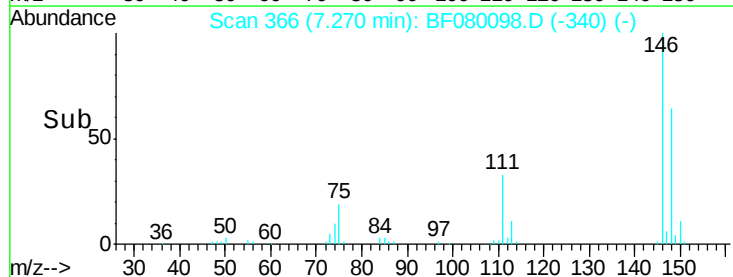
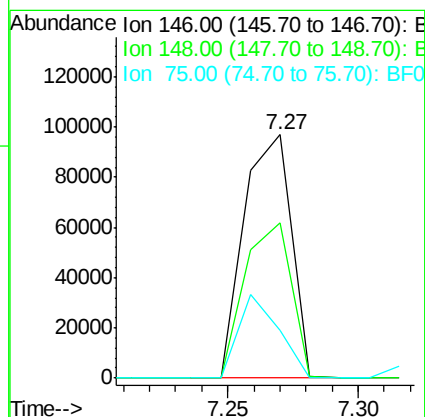
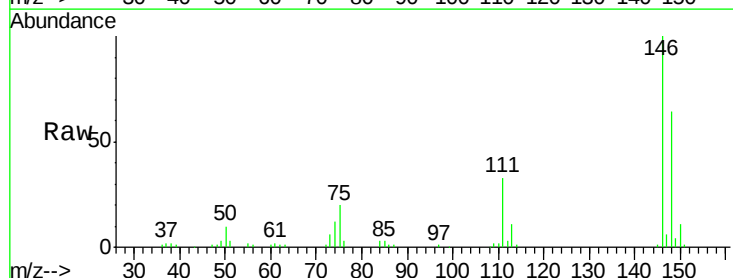
Instrument :
BNA_F
ClientSampleId :
PB84131BSD

Tgt Ion: 93 Resp: 107158
Ion Ratio Lower Upper
93 100
63 70.9 65.6 105.6
95 32.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 31.87 ng
RT: 7.27 min Scan# 366
Delta R.T. -0.00 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

Tgt Ion: 146 Resp: 123772
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 19.7 15.0 22.6

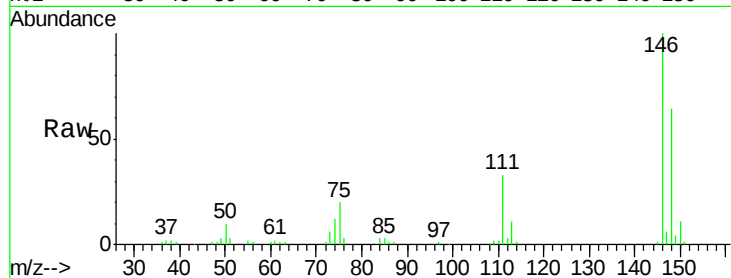




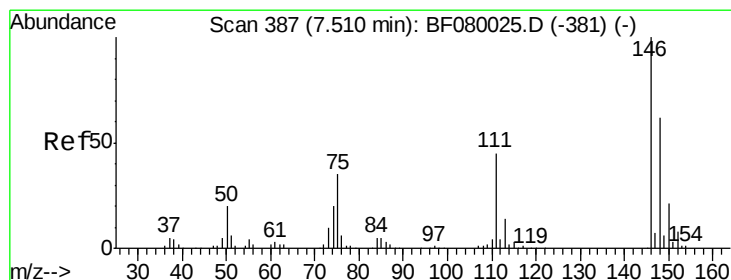
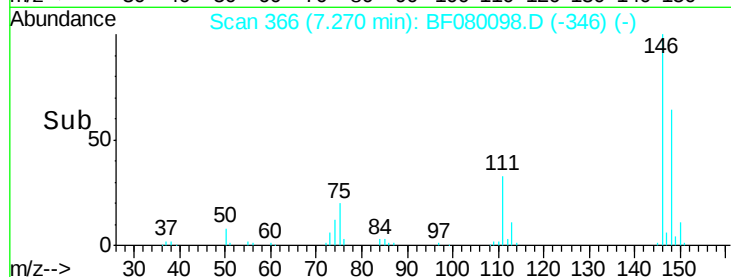
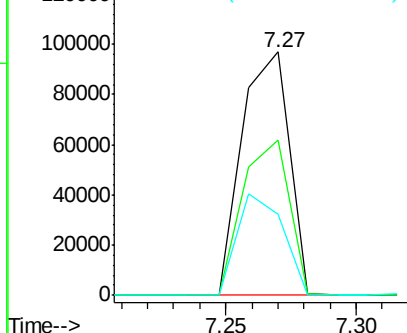
#13
 1,4-Dichlorobenzene
 Concen: 33.51 ng
 RT: 7.27 min Scan# 366
 Delta R.T. -0.07 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BSD

Tgt Ion:146 Resp: 123772
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.6
 111 33.2 24.9 37.3

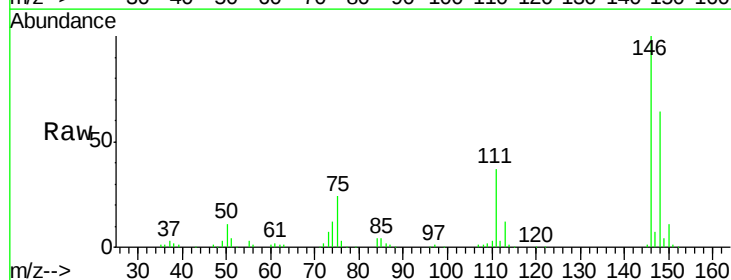


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

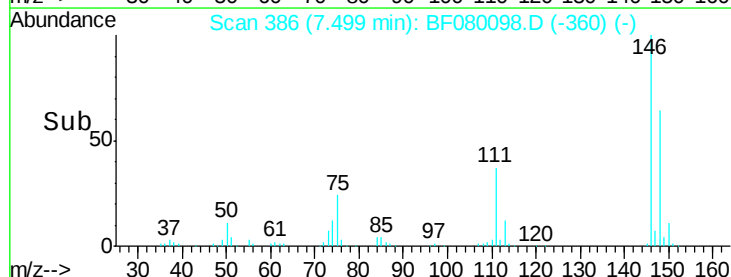
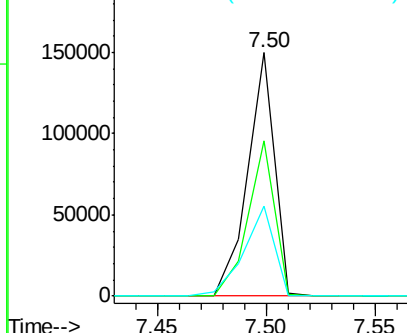


#14
 1,2-Dichlorobenzene
 Concen: 35.66 ng
 RT: 7.50 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Tgt Ion:146 Resp: 128151
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.7 79.1
 111 37.0 28.8 43.2



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





#15

Benzyl Alcohol

Concen: 32.99 ng

RT: 7.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

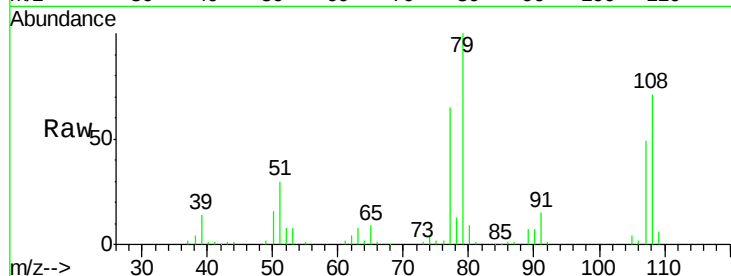
Tgt Ion: 79 Resp: 100398

Ion Ratio Lower Upper

79 100

108 70.7 88.6 132.8#

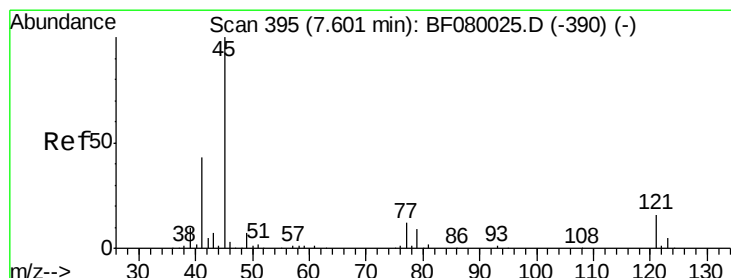
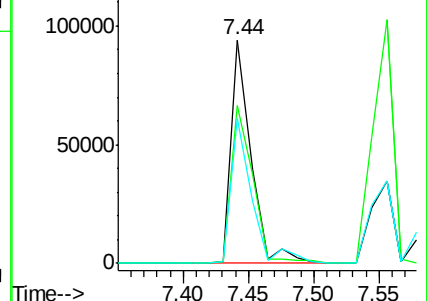
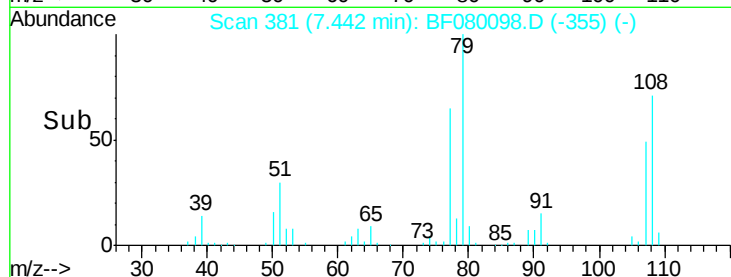
77 64.9 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.49 ng

RT: 7.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

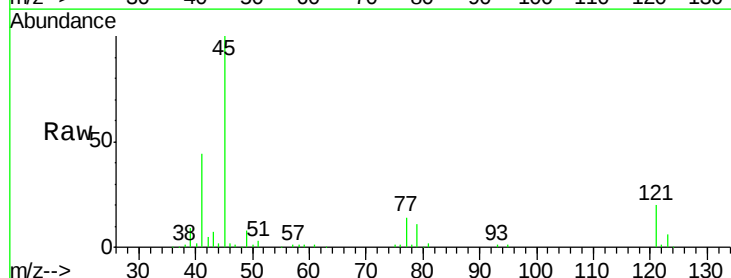
Tgt Ion: 45 Resp: 188891

Ion Ratio Lower Upper

45 100

77 13.8 0.0 28.1

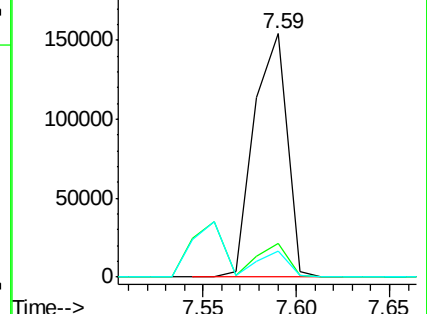
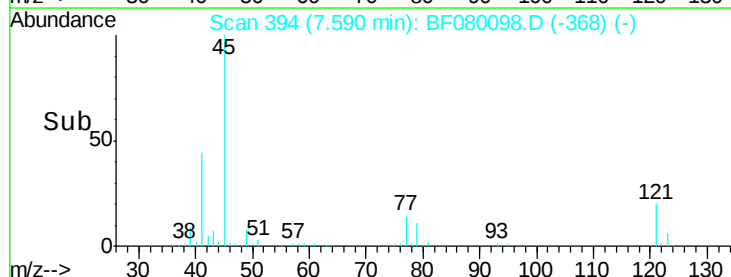
79 10.8 0.0 26.0



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

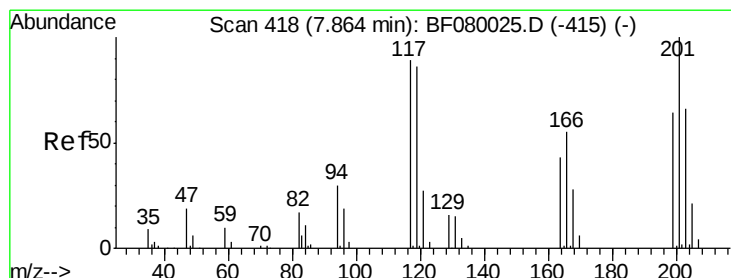
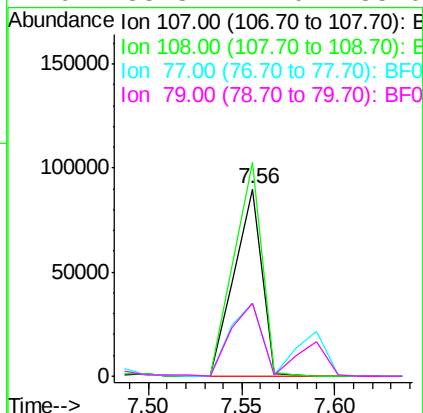
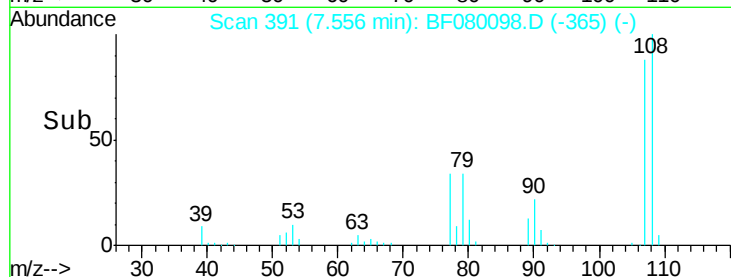
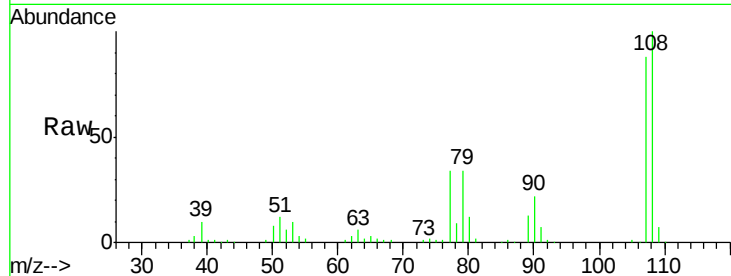




#17
2-Methylphenol
Concen: 33.96 ng
RT: 7.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

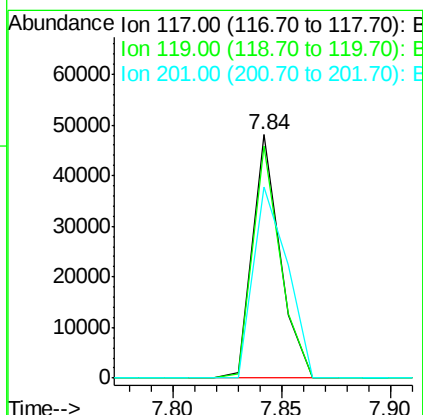
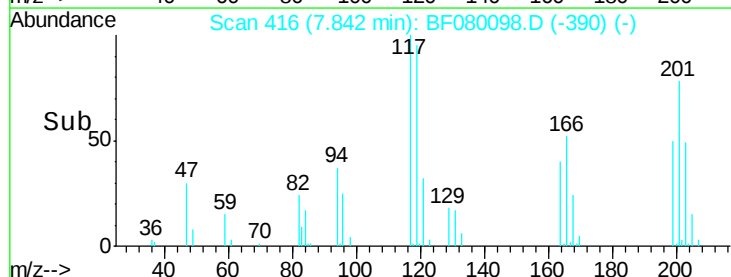
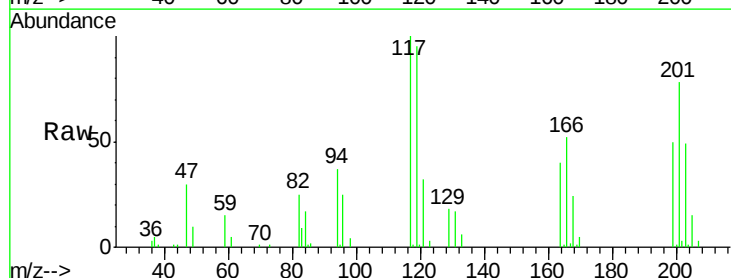
Instrument :
BNA_F
ClientSampleId :
PB84131BSD

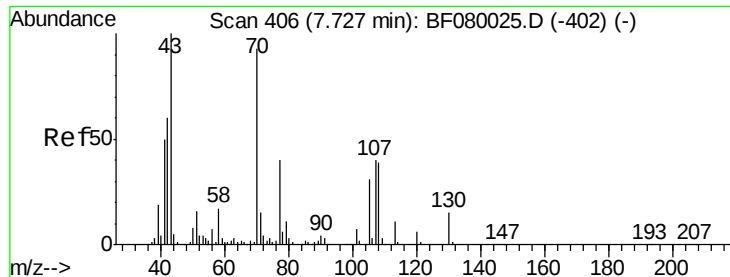
Tgt Ion:107 Resp: 93769
Ion Ratio Lower Upper
107 100
108 114.3 96.6 145.0
77 38.8 23.3 34.9#
79 38.8 22.0 33.0#



#18
Hexachloroethane
Concen: 34.40 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

Tgt Ion:117 Resp: 42295
Ion Ratio Lower Upper
117 100
119 95.3 83.8 125.6
201 78.3 55.1 82.7

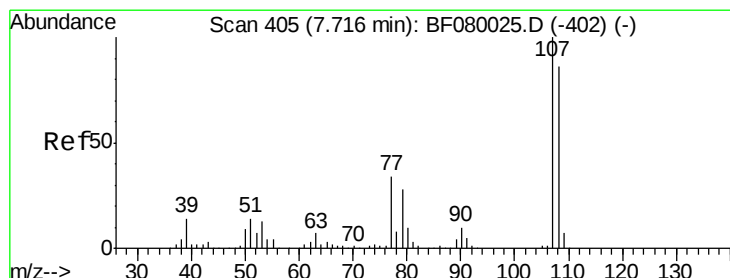
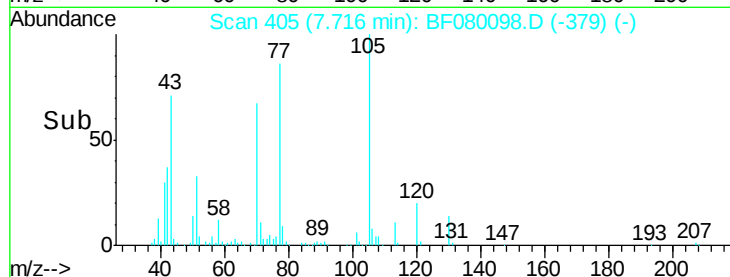
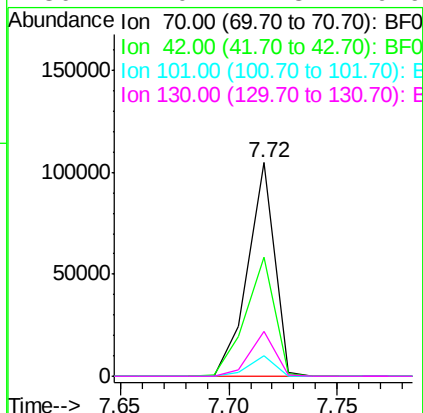
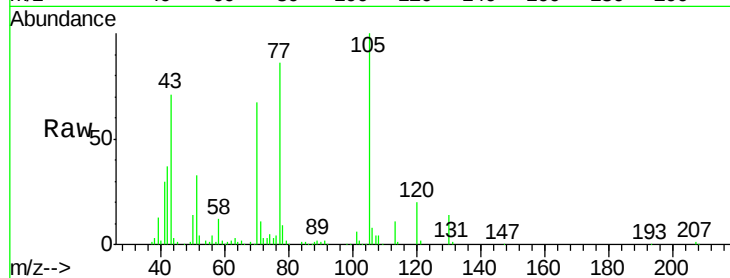




#19
n-Nitroso-di-n-propylamine
Concen: 34.82 ng
RT: 7.72 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

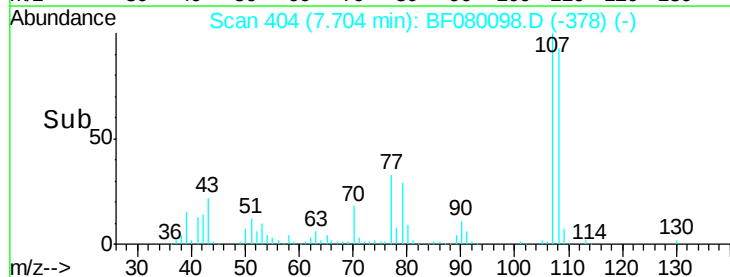
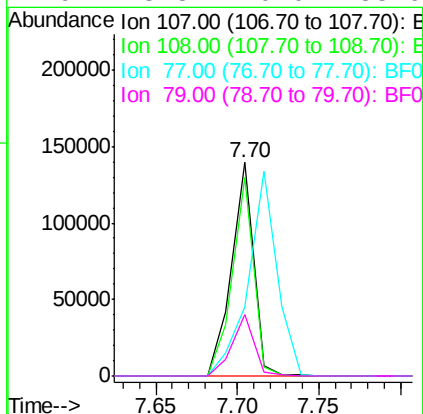
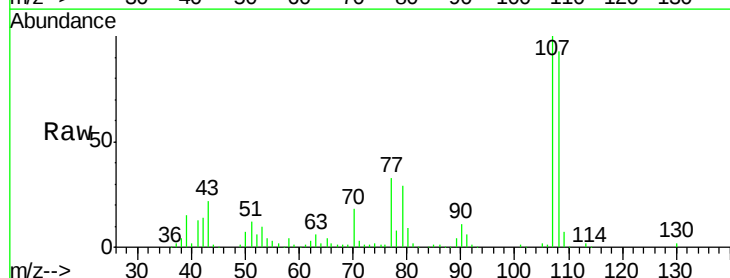
Instrument :
BNA_F
ClientSampleId :
PB84131BSD

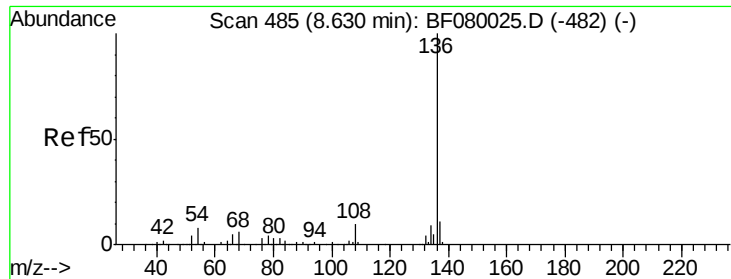
Tgt Ion: 70 Resp: 89974
Ion Ratio Lower Upper
70 100
42 55.6 63.8 95.6#
101 9.4 9.2 13.8
130 21.0 27.3 40.9#



#20
3+4-Methylphenols
Concen: 36.55 ng
RT: 7.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

Tgt Ion: 107 Resp: 130240
Ion Ratio Lower Upper
107 100
108 93.2 74.6 114.6
77 32.5 0.7 40.7
79 28.8 0.0 38.9

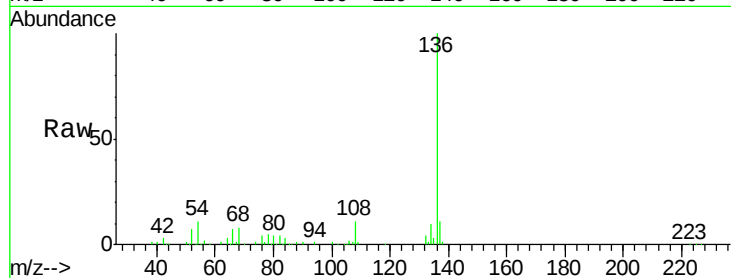




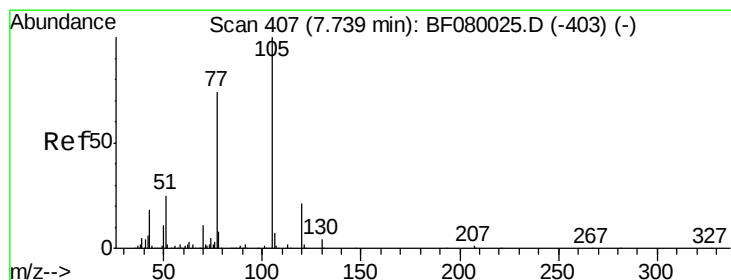
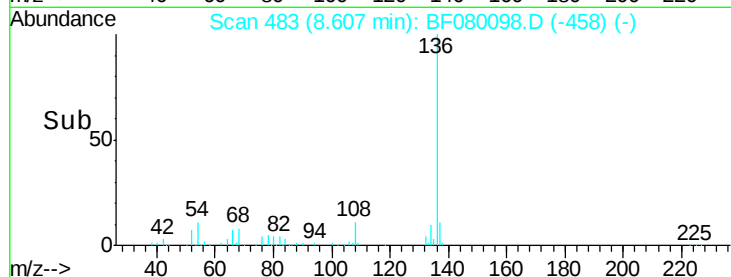
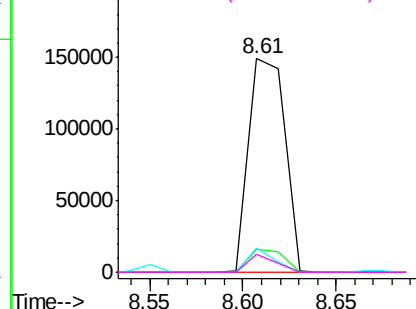
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB84131BSD

Tgt Ion:	136	Resp:	200701
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	11.5	8.2	12.2
68	8.2	5.8	8.6

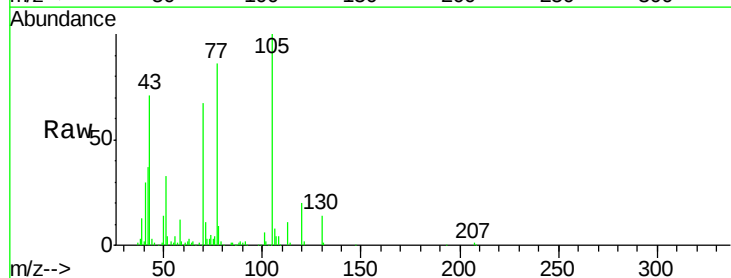


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

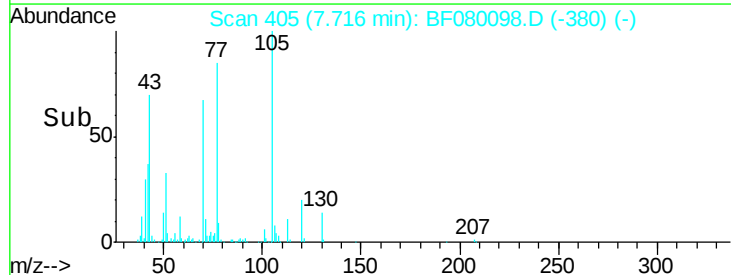
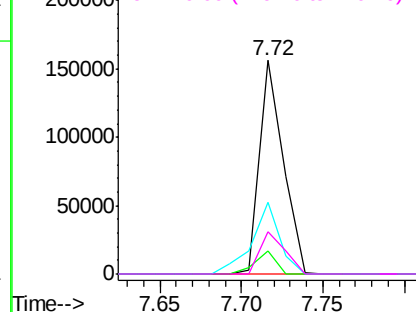


#22
Acetophenone
Concen: 33.94 ng
RT: 7.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

Tgt Ion:	105	Resp:	158736
Ion	Ratio	Lower	Upper
105	100		
71	11.0	4.7	7.1#
51	33.5	22.0	33.0#
120	19.8	30.1	45.1#



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

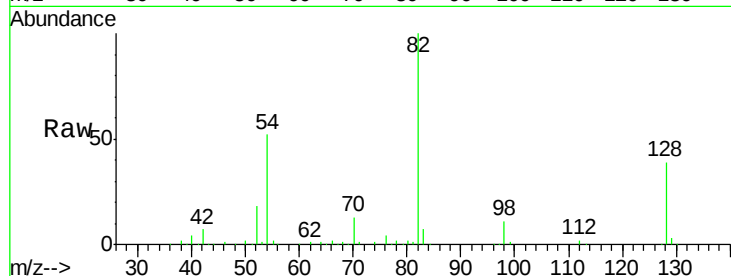




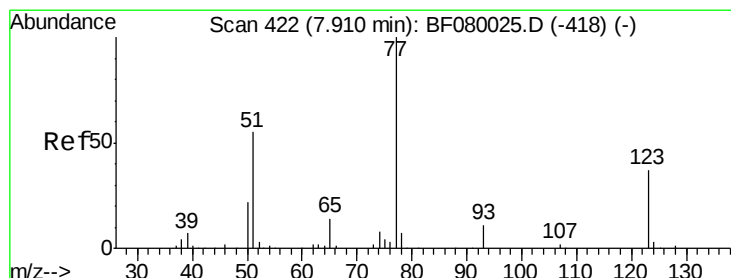
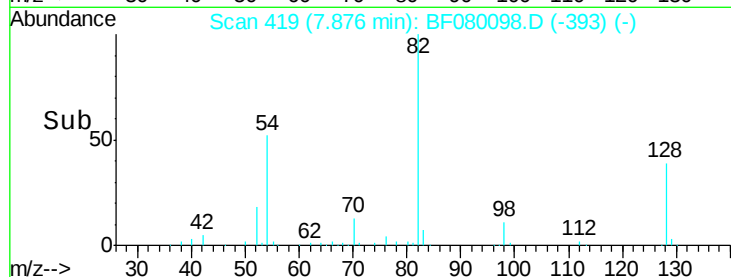
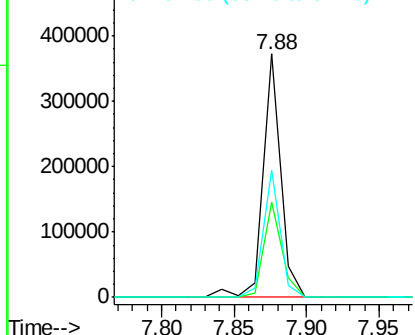
#23
 Nitrobenzene-d5
 Concen: 90.92 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	51.0	76.6#
54	52.3	47.5	71.3

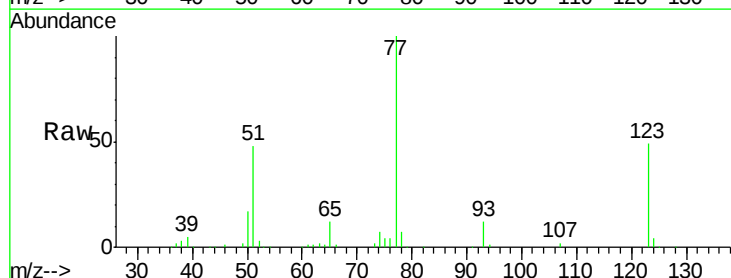


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

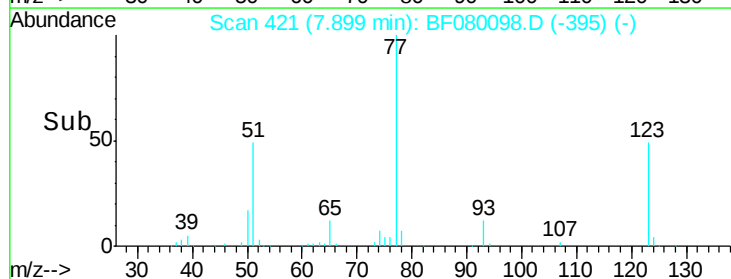
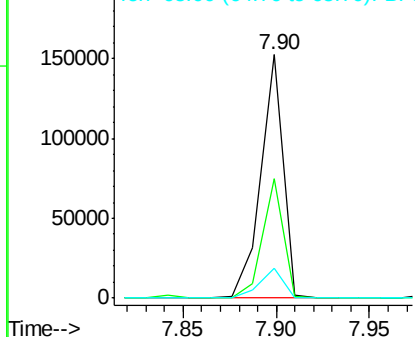


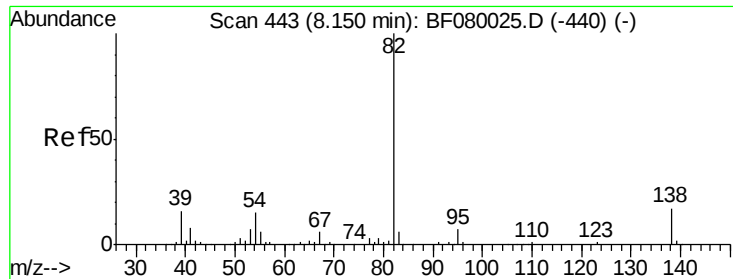
#24
 Nitrobenzene
 Concen: 36.18 ng
 RT: 7.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	59.8	89.8#
65	12.2	10.2	15.4



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





#25

Isophorone

Concen: 31.66 ng

RT: 8.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

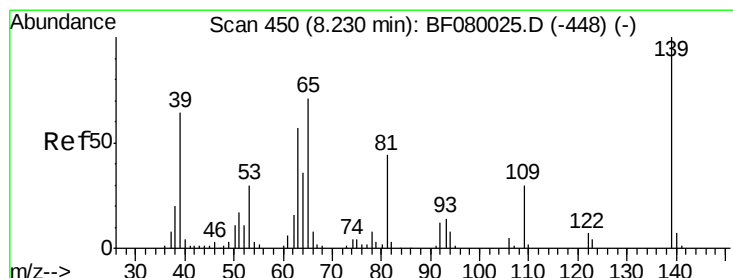
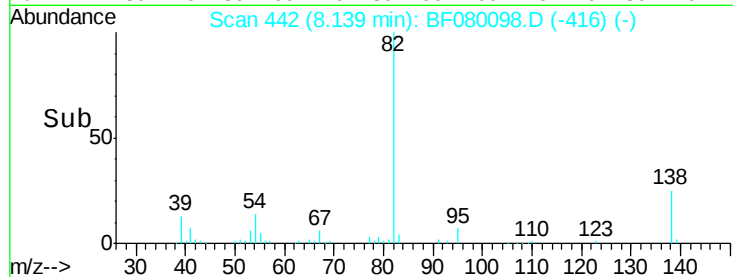
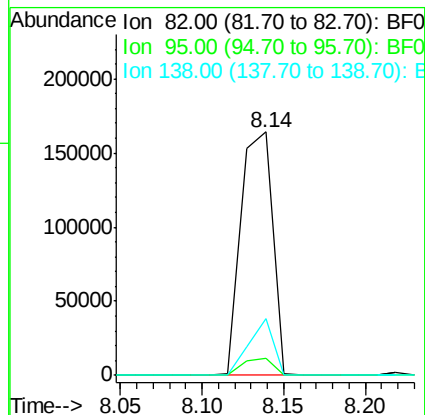
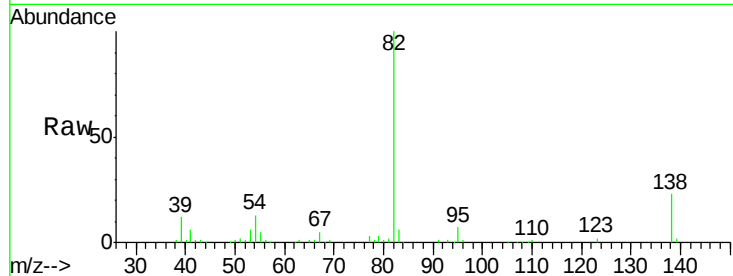
Tgt Ion: 82 Resp: 219683

Ion Ratio Lower Upper

82 100

95 7.2 4.0 6.0#

138 23.4 18.3 27.5



#26

2-Nitrophenol

Concen: 41.16 ng

RT: 8.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

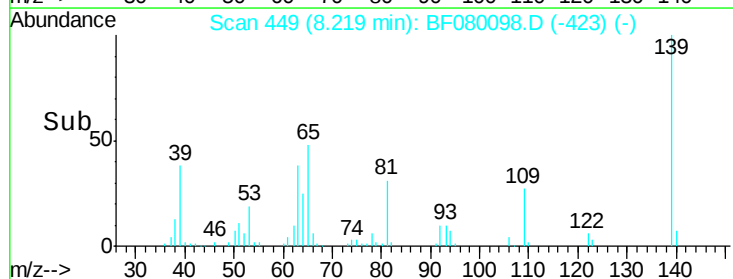
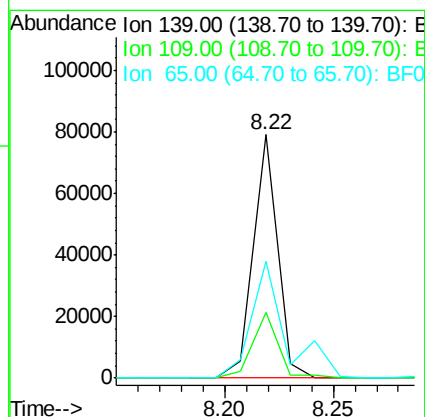
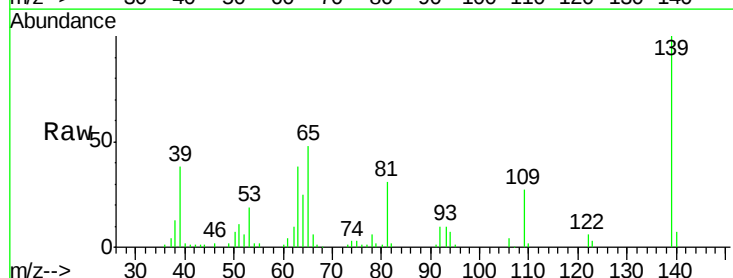
Tgt Ion: 139 Resp: 61309

Ion Ratio Lower Upper

139 100

109 27.1 11.0 16.4#

65 47.8 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 37.49 ng

RT: 8.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

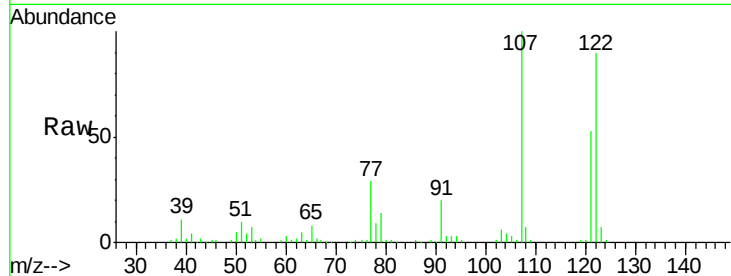
Tgt Ion:122 Resp: 116441

Ion Ratio Lower Upper

122 100

107 110.8 71.8 107.6#

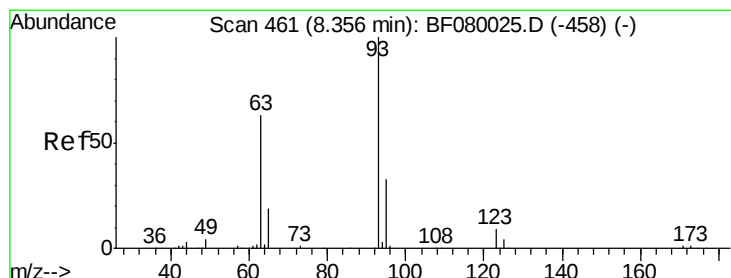
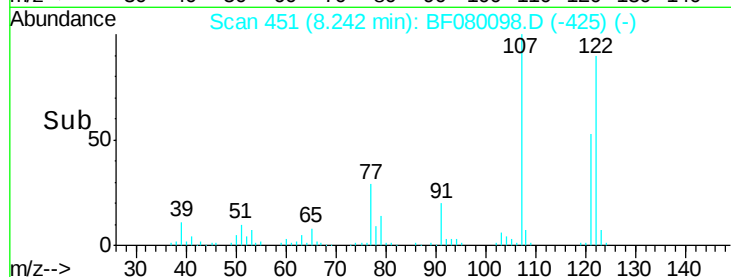
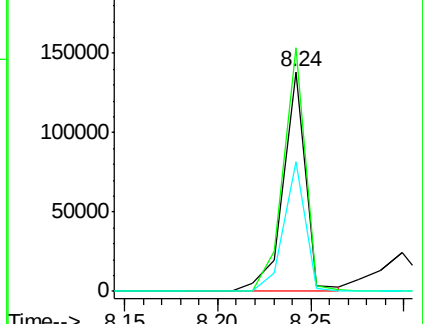
121 59.2 42.3 63.5



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: 32.64 ng

RT: 8.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

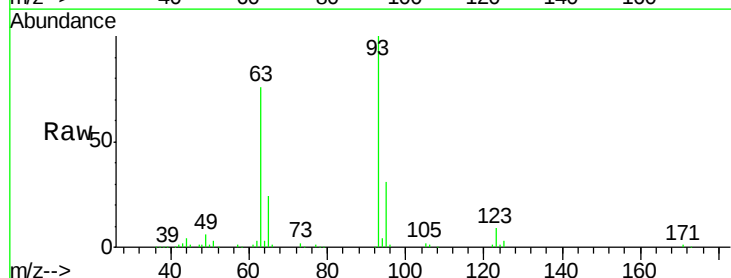
Tgt Ion: 93 Resp: 133041

Ion Ratio Lower Upper

93 100

95 30.8 27.5 41.3

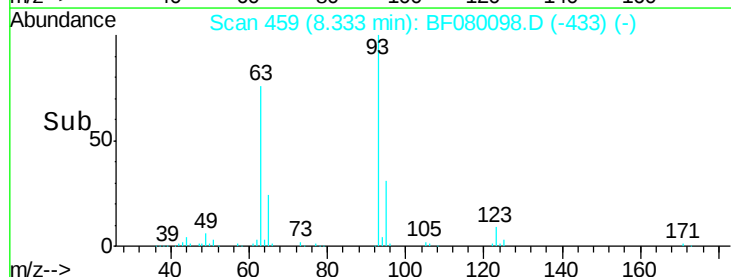
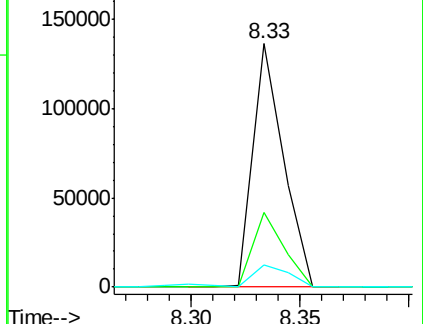
123 8.9 13.7 20.5#

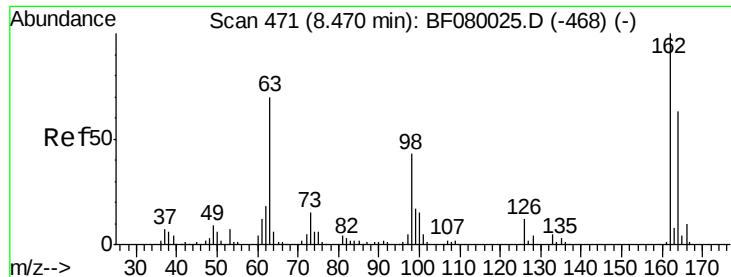


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

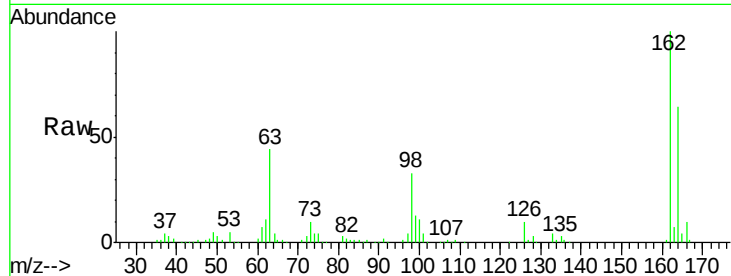




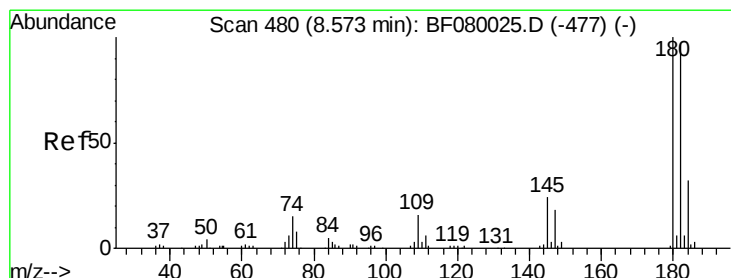
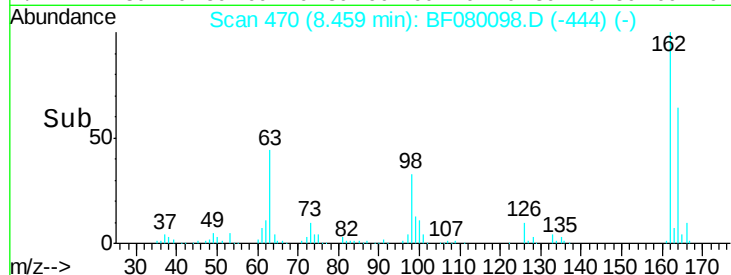
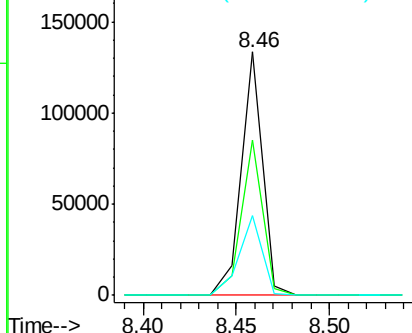
#29
 2,4-Dichlorophenol
 Concen: 40.21 ng
 RT: 8.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BSD

Tgt Ion:162 Resp: 106941
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.9 84.9
 98 32.8 13.0 53.0

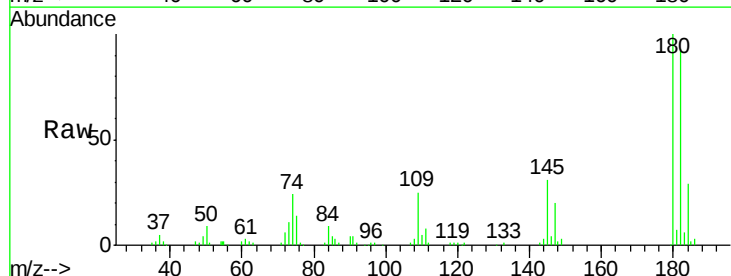


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

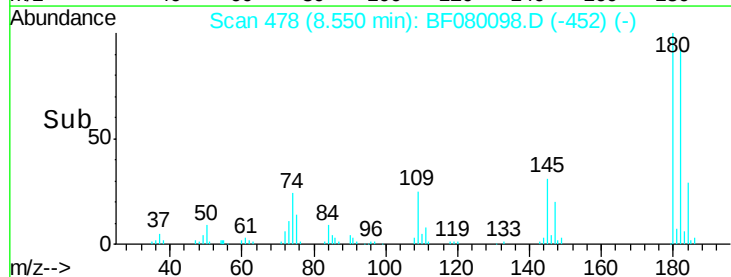
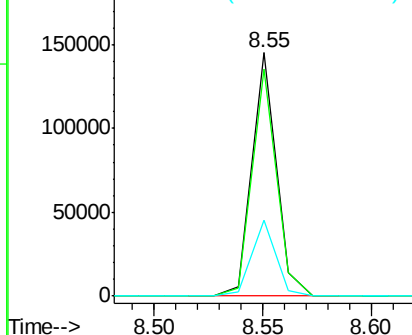


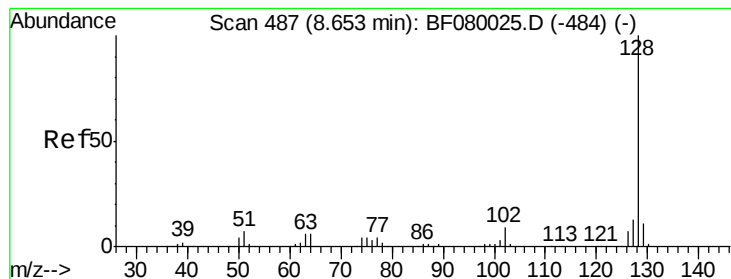
#30
 1,2,4-Trichlorobenzene
 Concen: 37.38 ng
 RT: 8.55 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Tgt Ion:180 Resp: 112915
 Ion Ratio Lower Upper
 180 100
 182 93.4 77.1 115.7
 145 31.4 23.3 34.9



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: 32.10 ng

RT: 8.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

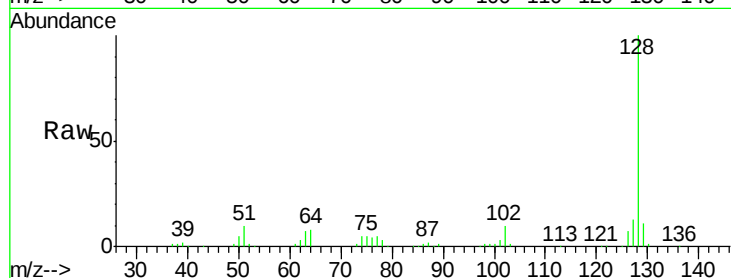
Tgt Ion:128 Resp: 336881

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

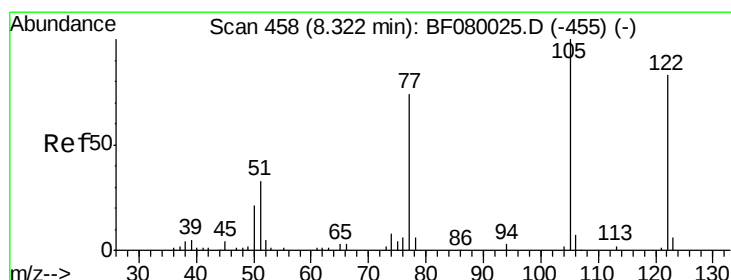
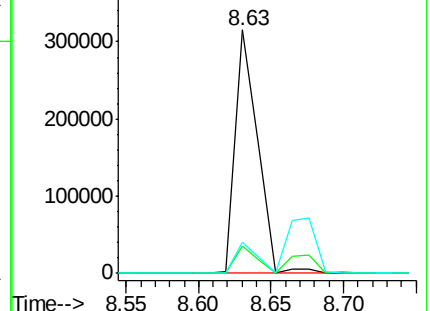
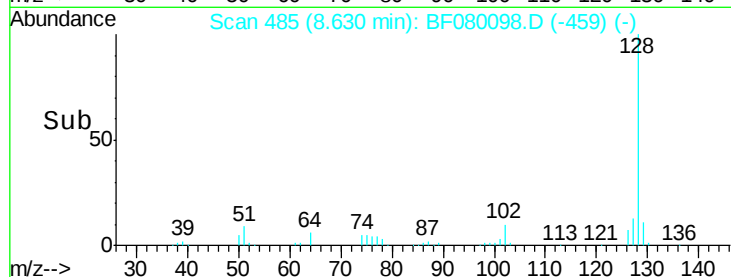
127 13.0 9.9 14.9



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: 22.99 ng

RT: 8.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

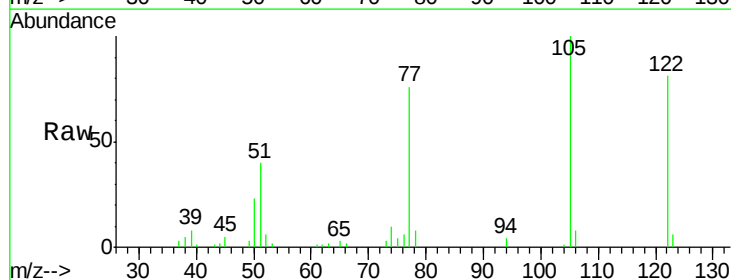
Tgt Ion:122 Resp: 43178

Ion Ratio Lower Upper

122 100

105 122.9 76.1 116.1#

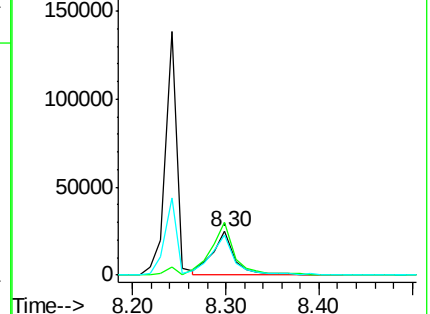
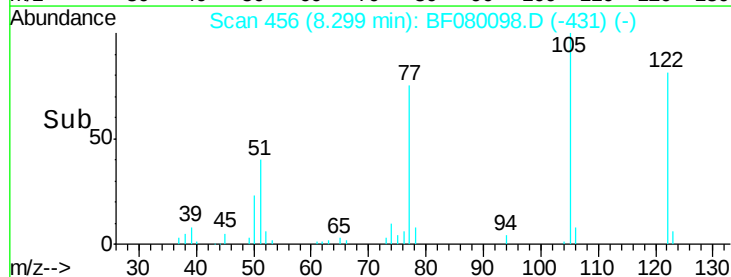
77 93.2 40.5 80.5#

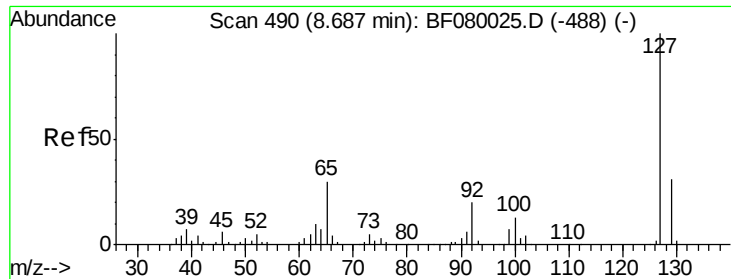


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

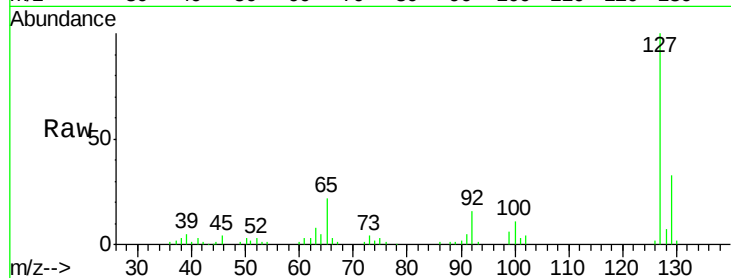




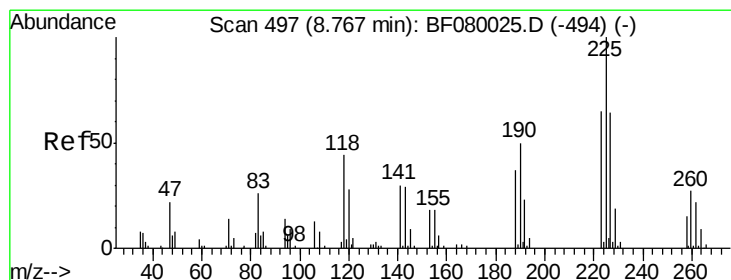
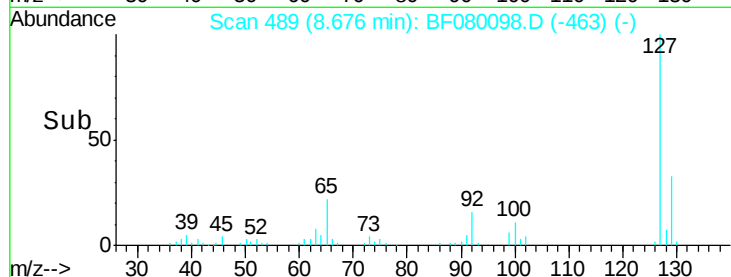
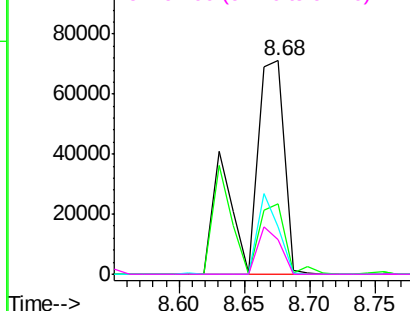
#33
4-Chloroaniline
Concen: 31.25 ng
RT: 8.68 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB84131BSD

Tgt Ion:	127	Resp:	140333
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.6
65	22.1	17.9	26.9
92	16.0	10.5	15.7#

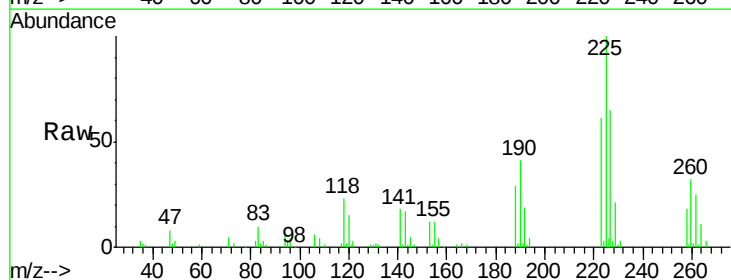


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

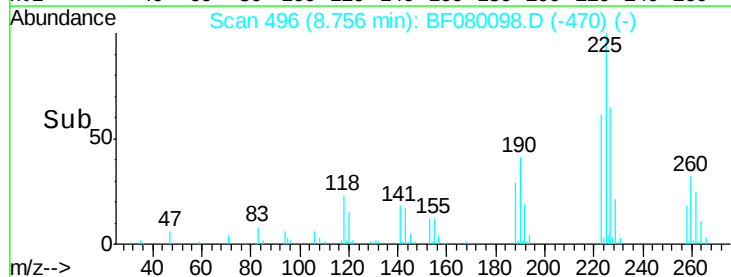
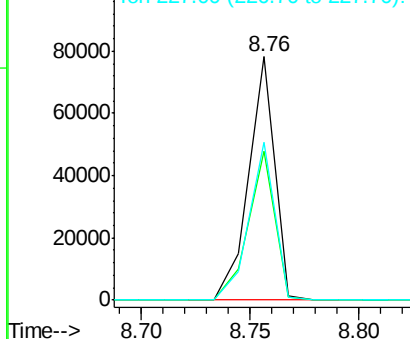


#34
Hexachlorobutadiene
Concen: 34.86 ng
RT: 8.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

Tgt Ion:	225	Resp:	64839
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.2	75.2
227	65.0	52.2	78.2



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

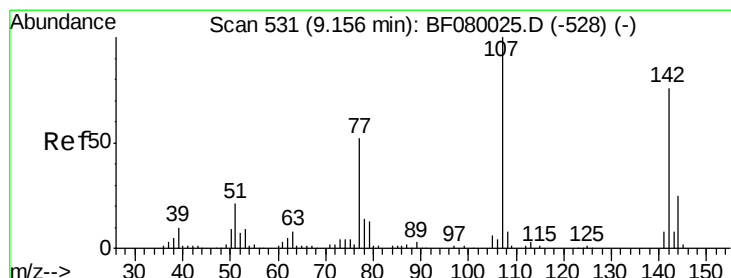
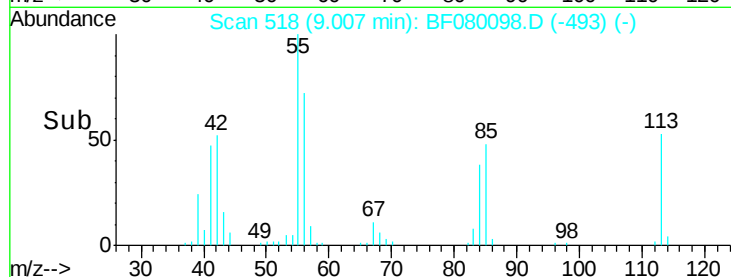
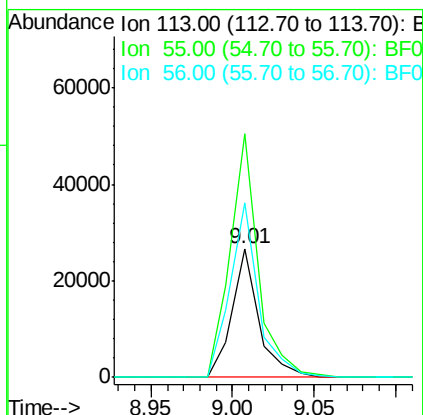
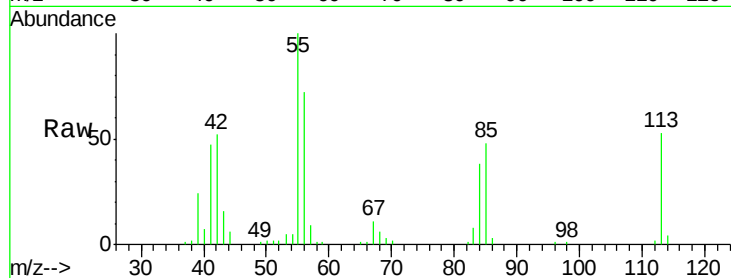




#35
 Caprolactam
 Concen: 34.84 ng
 RT: 9.01 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

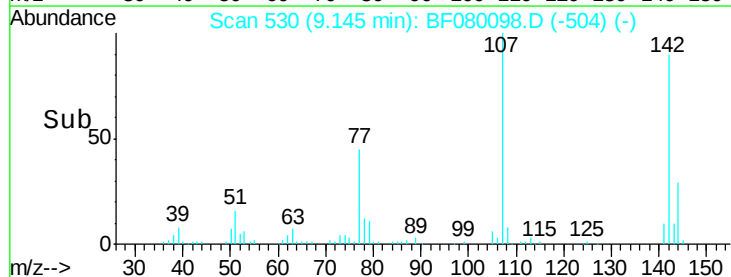
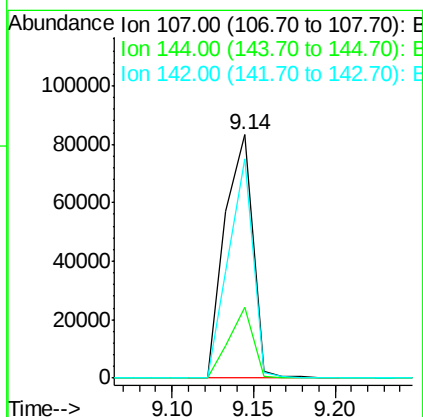
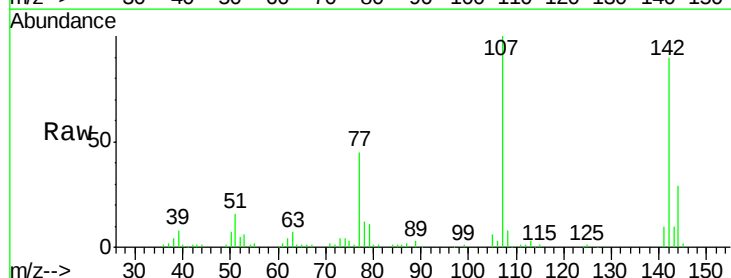
Instrument :
 BNA_F
 ClientSampleId :
 PB84131BSD

Tgt Ion:113 Resp: 30076
 Ion Ratio Lower Upper
 113 100
 55 189.2 152.4 192.4
 56 135.5 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 32.85 ng
 RT: 9.14 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Tgt Ion:107 Resp: 98544
 Ion Ratio Lower Upper
 107 100
 144 29.3 25.4 38.0
 142 90.3 77.3 115.9

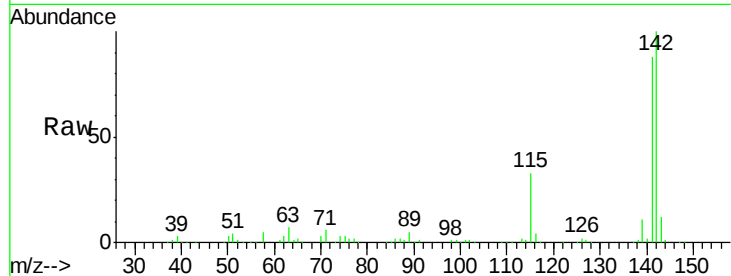




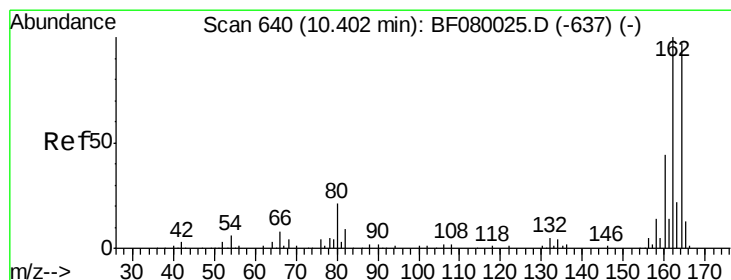
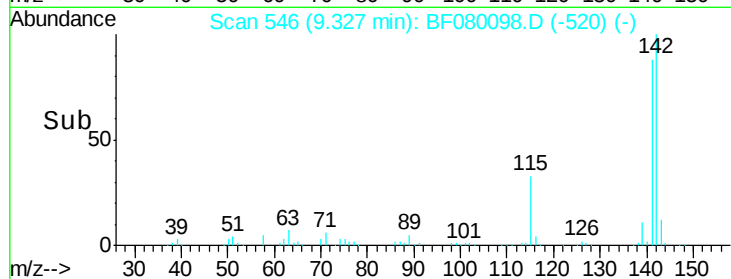
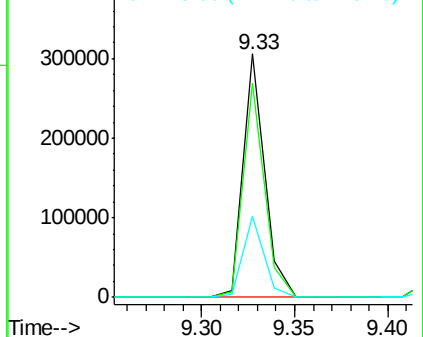
#37
 2-Methylnaphthalene
 Concen: 36.41 ng
 RT: 9.33 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BSD

Tgt Ion:142 Resp: 247162
 Ion Ratio Lower Upper
 142 100
 141 88.1 67.5 101.3
 115 33.4 18.2 27.2#

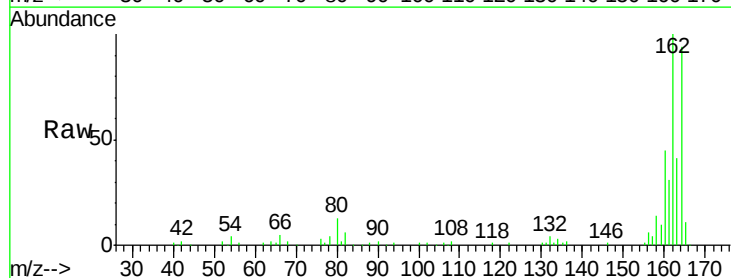


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

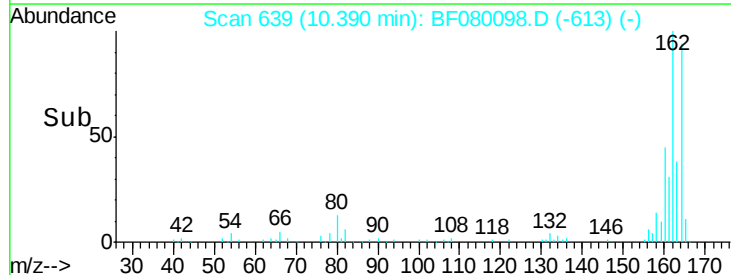
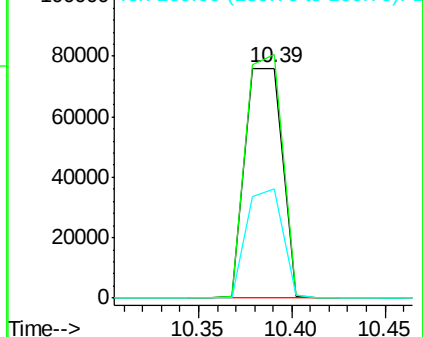


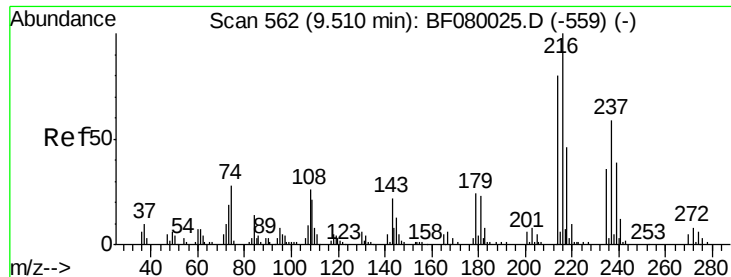
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Tgt Ion:164 Resp: 104947
 Ion Ratio Lower Upper
 164 100
 162 105.9 75.2 112.8
 160 47.8 31.5 47.3#



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

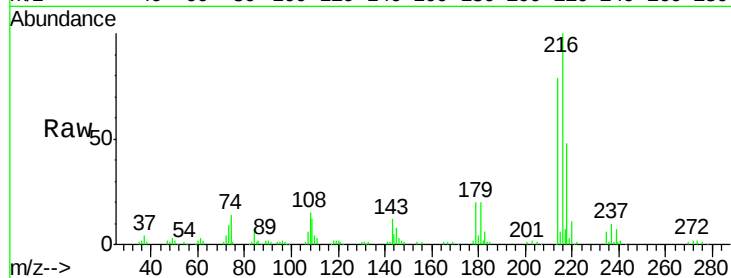




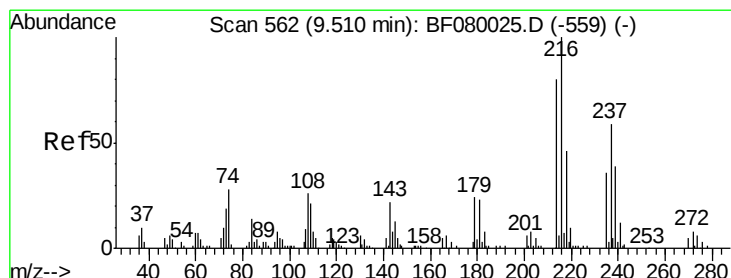
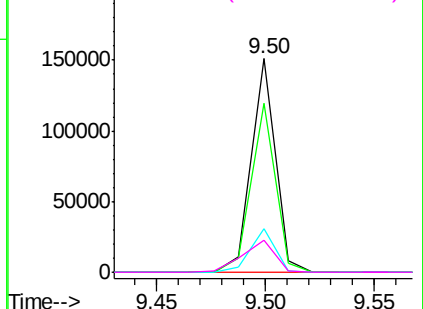
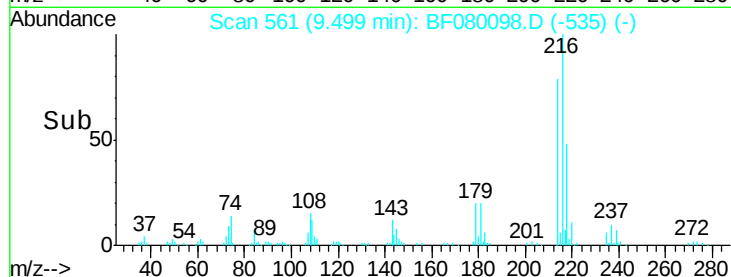
#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.35 ng
RT: 9.50 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB84131BSD

Tgt Ion:	216	Resp:	117130
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.5	95.3
179	20.7	16.6	24.8
108	19.6	16.3	24.5

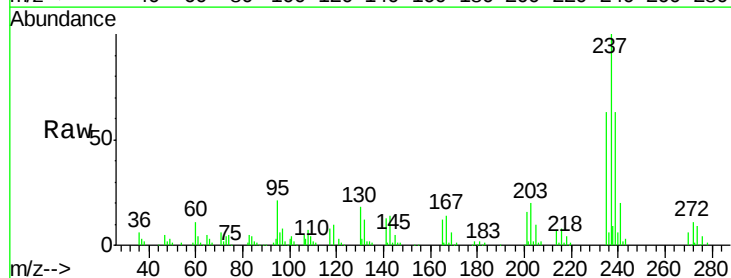


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

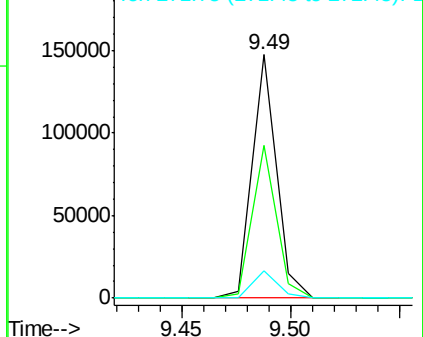
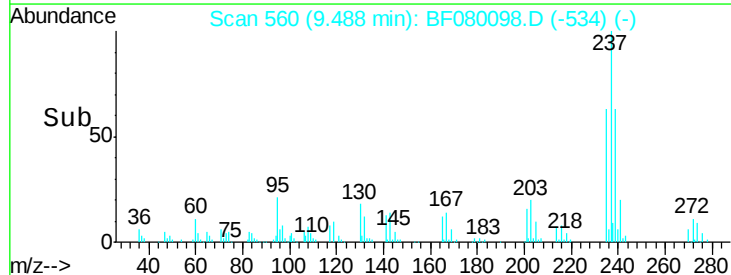


#40
Hexachlorocyclopentadiene
Concen: 73.15 ng
RT: 9.49 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

Tgt Ion:	237	Resp:	114045
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.0	82.0
272	11.4	0.0	36.1



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

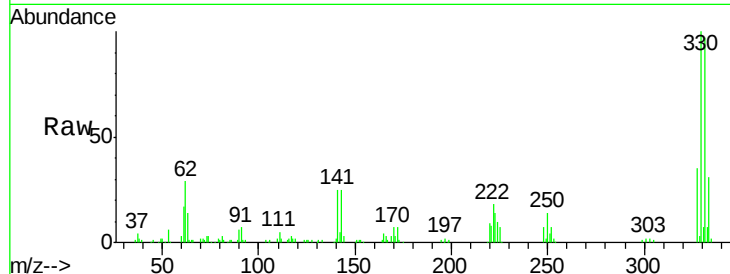




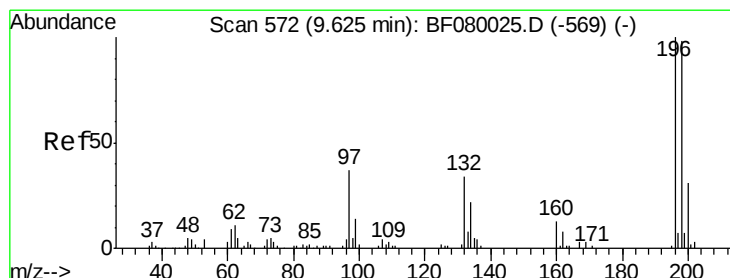
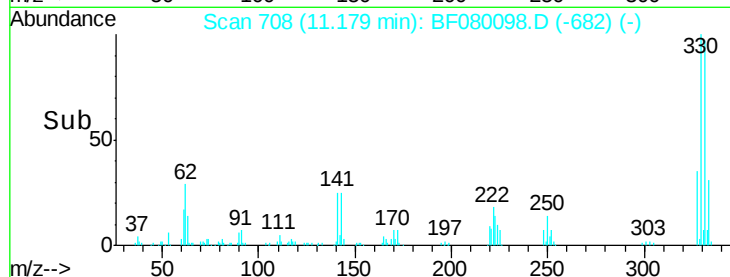
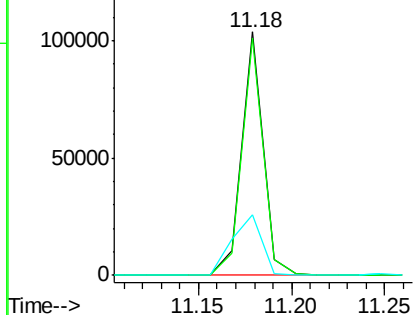
#41
 2,4,6-Tribromophenol
 Concen: 81.22 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BSD

Tgt Ion:330 Resp: 83354
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 34.6 29.7 44.5

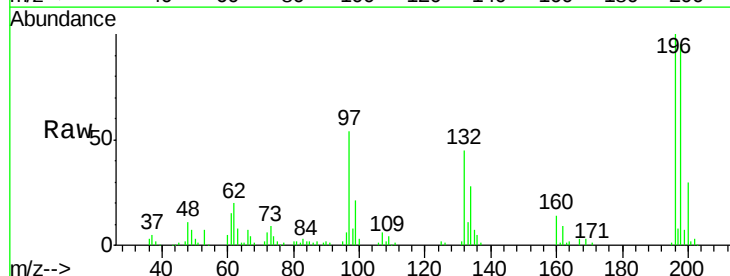


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

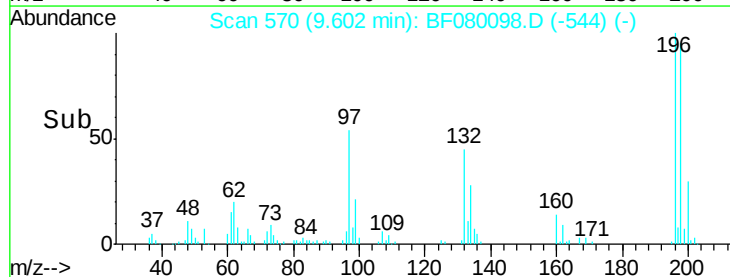
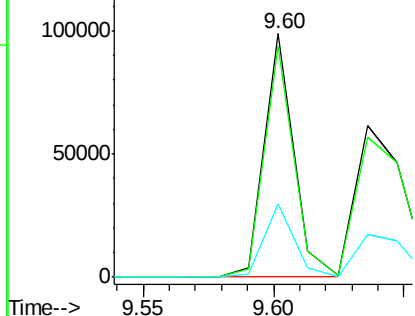


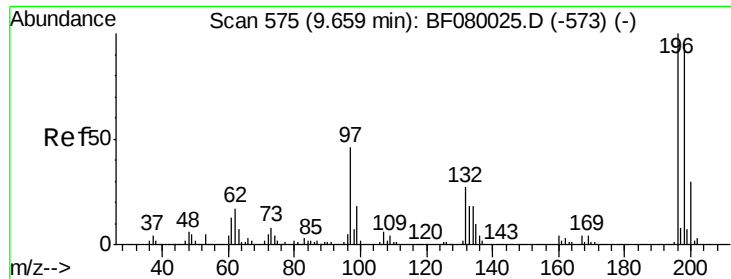
#42
 2,4,6-Trichlorophenol
 Concen: 37.72 ng
 RT: 9.60 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Tgt Ion:196 Resp: 78386
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 200 30.2 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

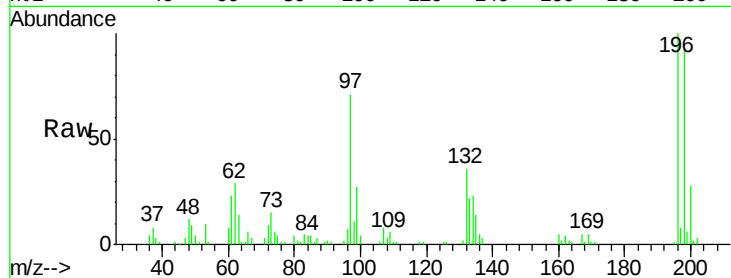




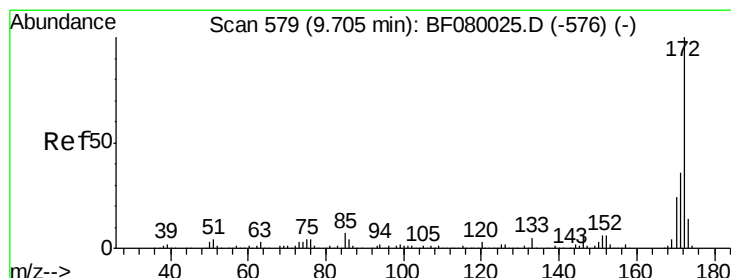
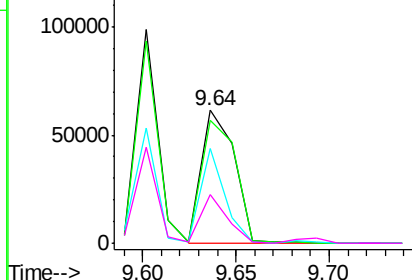
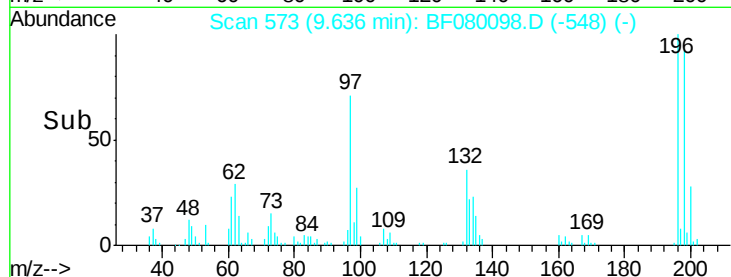
#43
 2,4,5-Trichlorophenol
 Concen: 31.52 ng
 RT: 9.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BSD

Tgt Ion:196 Resp: 75471
 Ion Ratio Lower Upper
 196 100
 198 92.0 75.4 113.0
 97 70.9 33.3 49.9#
 132 36.1 24.6 37.0

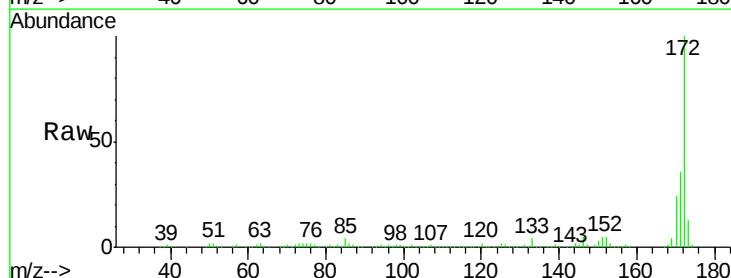


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

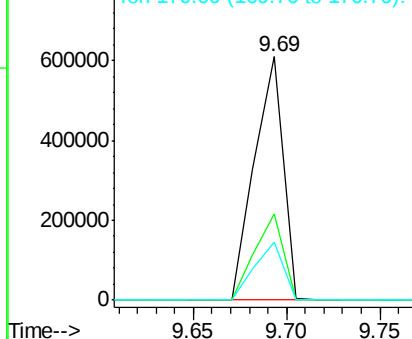
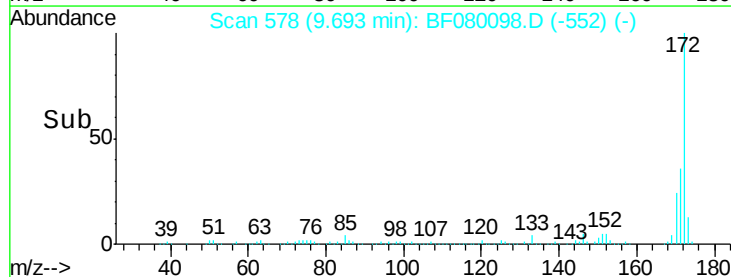


#44
 2-Fluorobiphenyl
 Concen: 87.73 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Tgt Ion:172 Resp: 645606
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 23.9 17.4 26.2



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

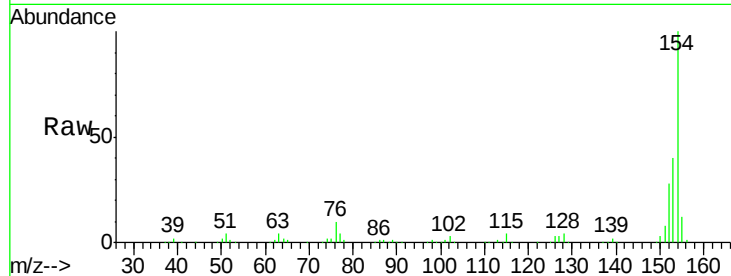




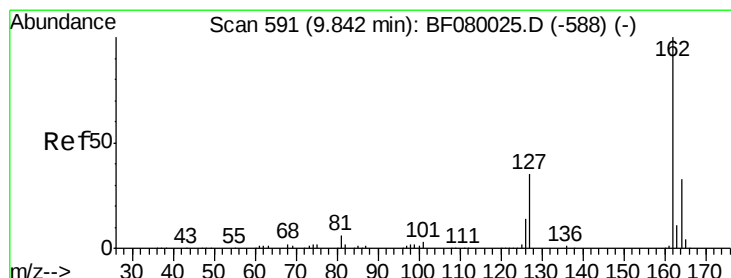
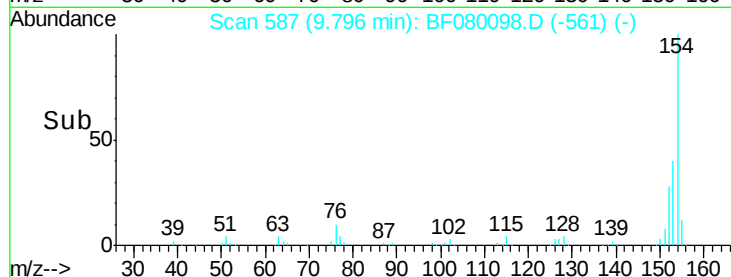
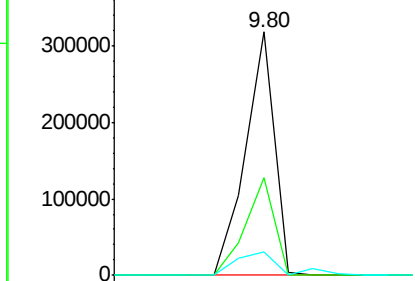
#45
 1,1'-Biphenyl
 Concen: 34.23 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BSD

Tgt Ion:154 Resp: 292242
 Ion Ratio Lower Upper
 154 100
 153 39.9 17.1 57.1
 76 9.5 0.0 31.6

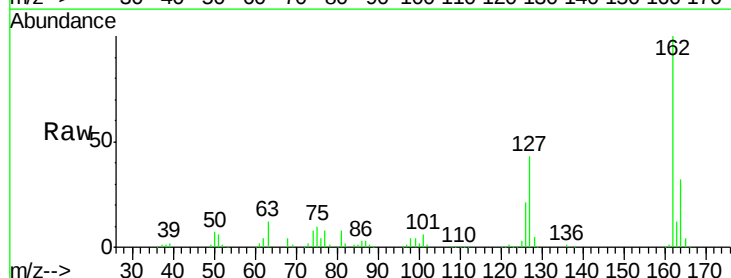


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

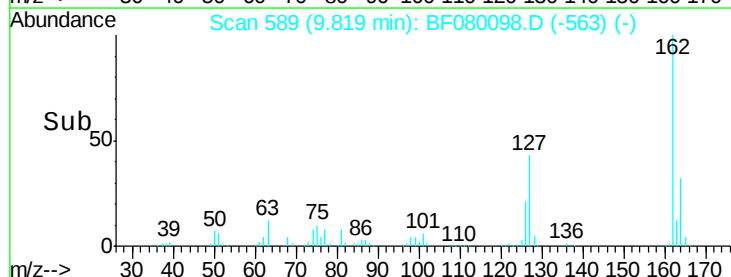
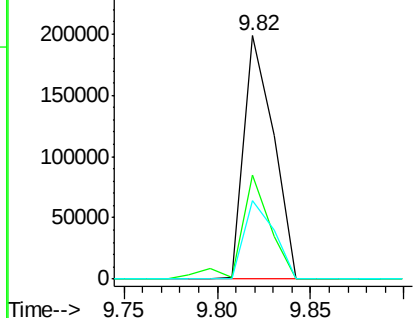


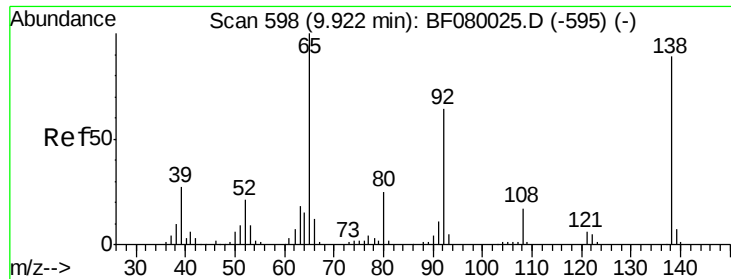
#46
 2-Chloronaphthalene
 Concen: 31.55 ng
 RT: 9.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Tgt Ion:162 Resp: 218614
 Ion Ratio Lower Upper
 162 100
 127 42.9 27.6 41.4#
 164 32.4 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

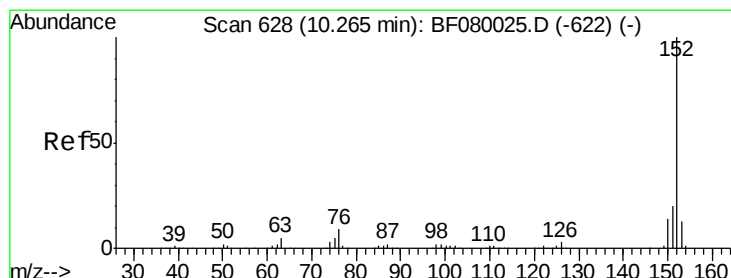
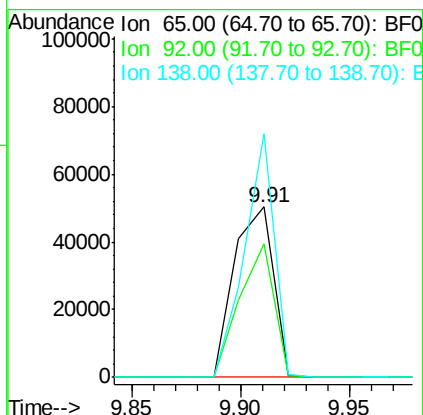
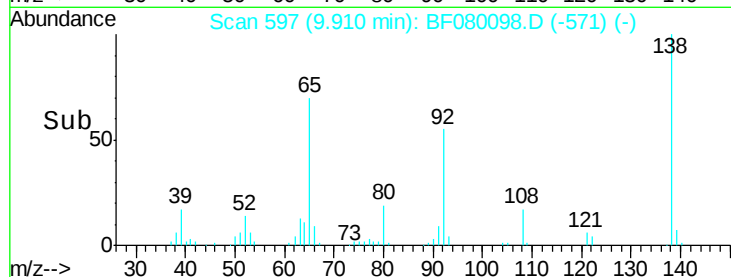
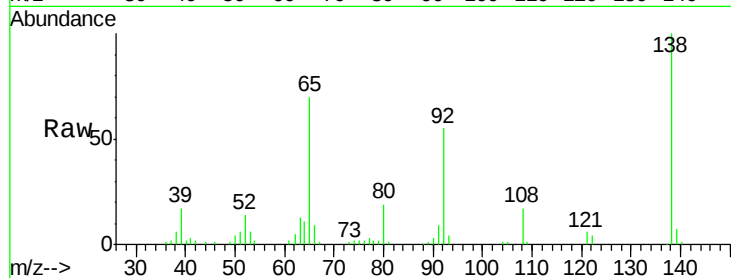




#47
2-Nitroaniline
Concen: 33.06 ng
RT: 9.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

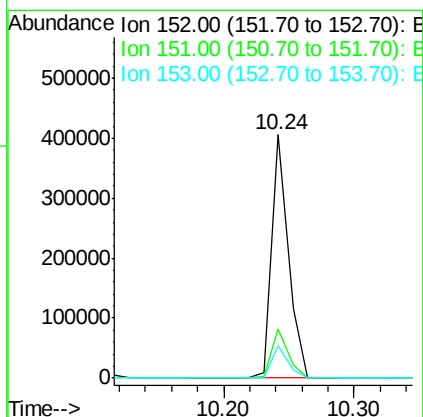
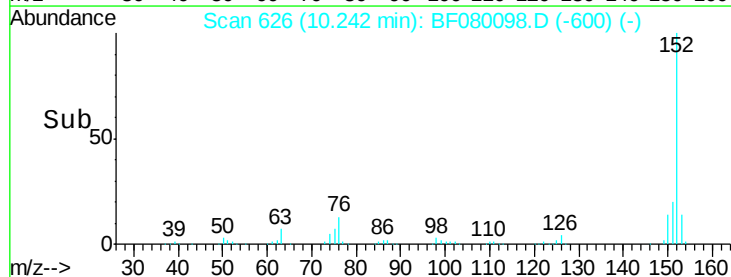
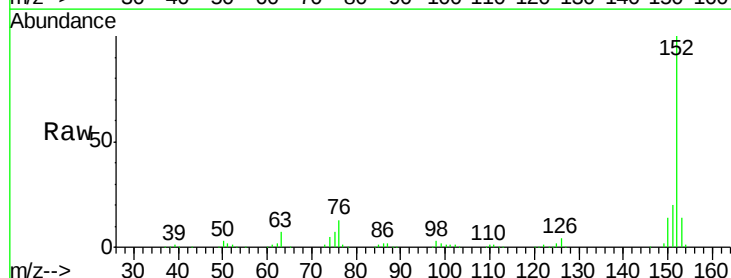
Instrument :
BNA_F
ClientSampleId :
PB84131BSD

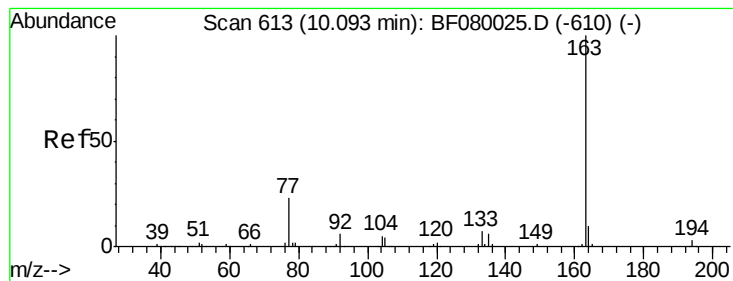
Tgt Ion: 65 Resp: 62869
Ion Ratio Lower Upper
65 100
92 78.4 55.4 83.0
138 142.8 115.5 173.3



#48
Acenaphthylene
Concen: 31.69 ng
RT: 10.24 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

Tgt Ion: 152 Resp: 366415
Ion Ratio Lower Upper
152 100
151 20.4 14.6 22.0
153 13.5 10.3 15.5





#49

Dimethylphthalate

Concen: 34.29 ng

RT: 10.08 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

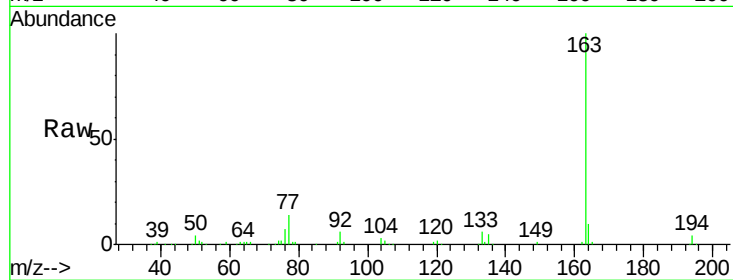
Tgt Ion:163 Resp: 270529

Ion Ratio Lower Upper

163 100

194 3.7 4.4 6.6#

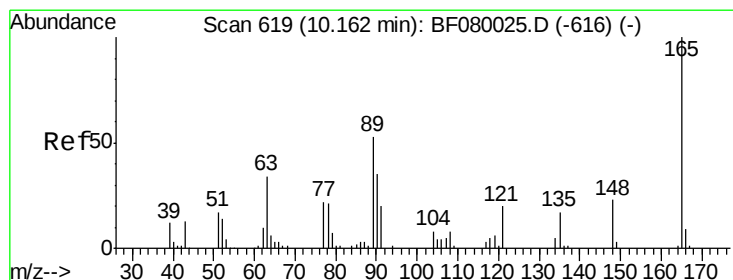
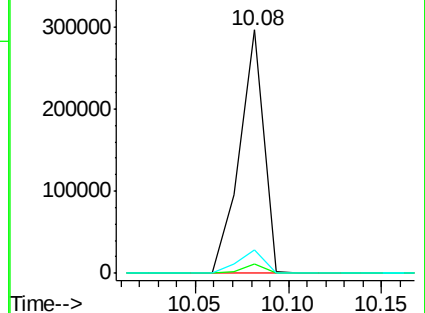
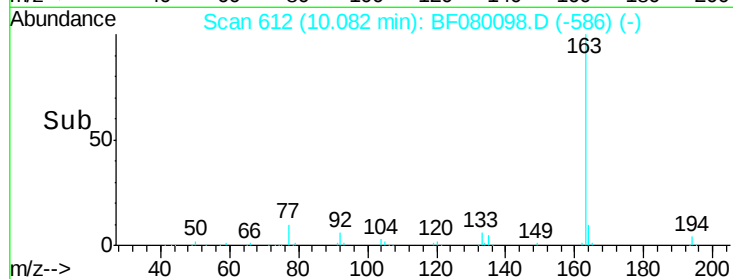
164 9.8 8.3 12.5



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: 32.61 ng

RT: 10.14 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

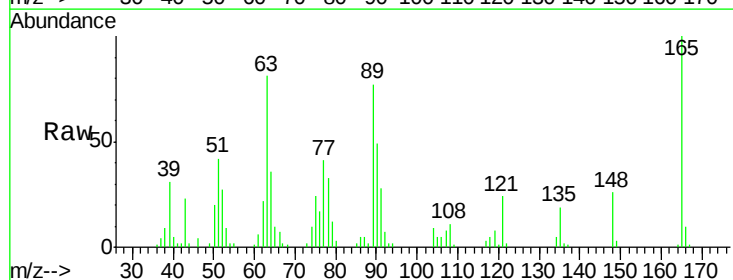
Tgt Ion:165 Resp: 51581

Ion Ratio Lower Upper

165 100

63 81.5 32.3 48.5#

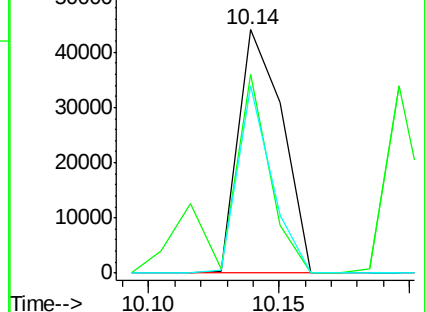
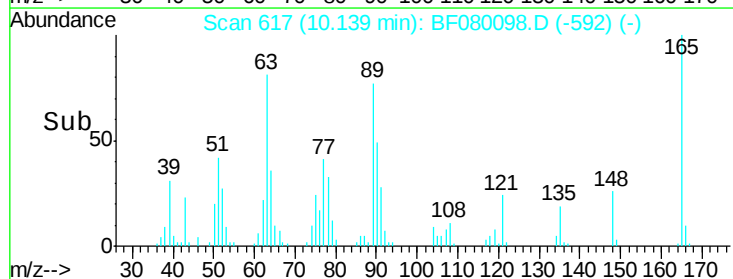
89 76.8 28.6 43.0#

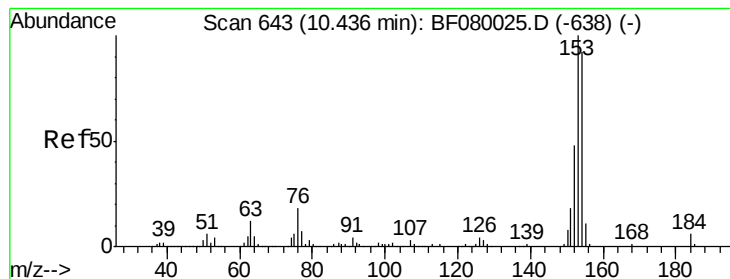


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.28 ng

RT: 10.41 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

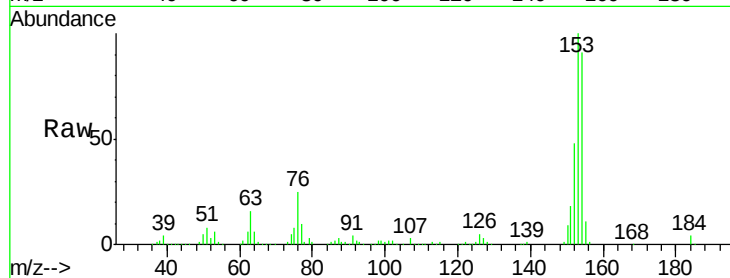
Tgt Ion:154 Resp: 235449

Ion Ratio Lower Upper

154 100

153 110.3 82.1 123.1

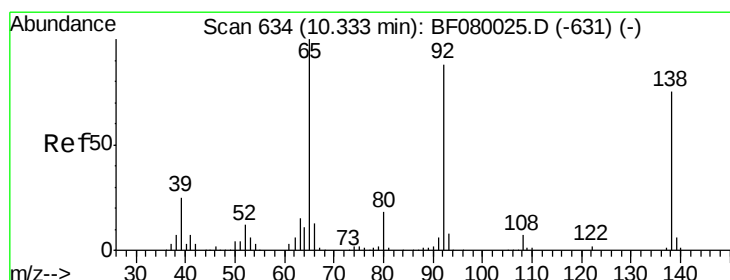
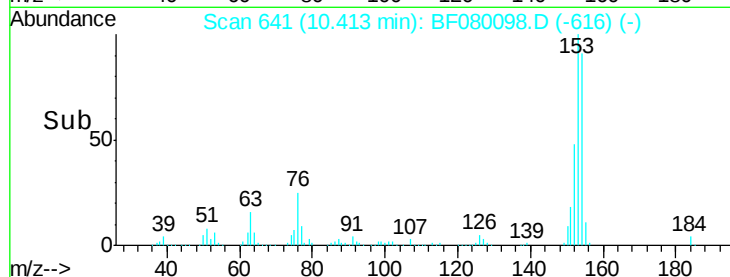
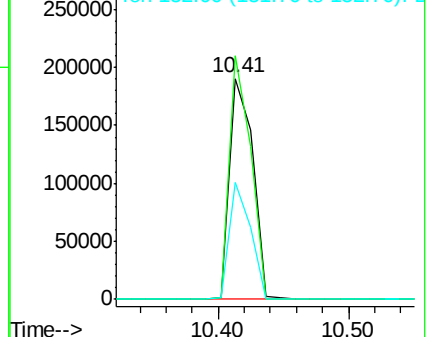
152 52.9 37.9 56.9



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: 26.89 ng

RT: 10.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

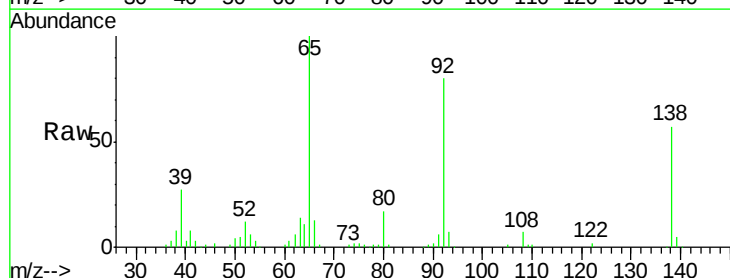
Tgt Ion:138 Resp: 49080

Ion Ratio Lower Upper

138 100

108 11.6 5.7 8.5#

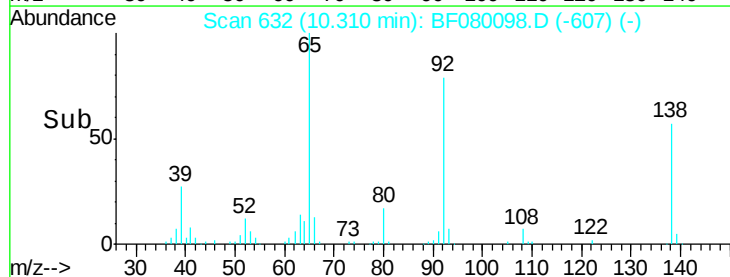
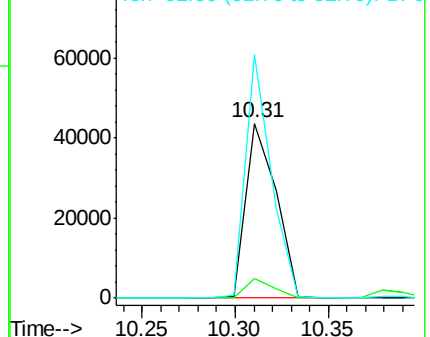
92 139.5 67.7 101.5#

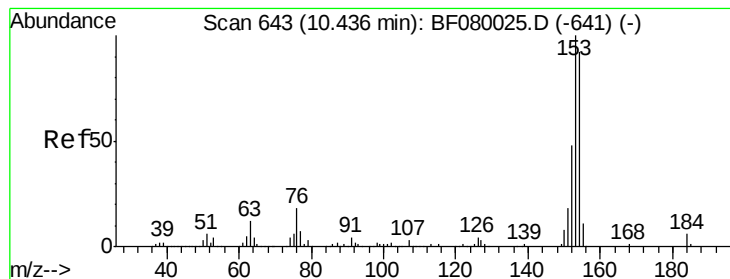


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 82.94 ng

RT: 10.42 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

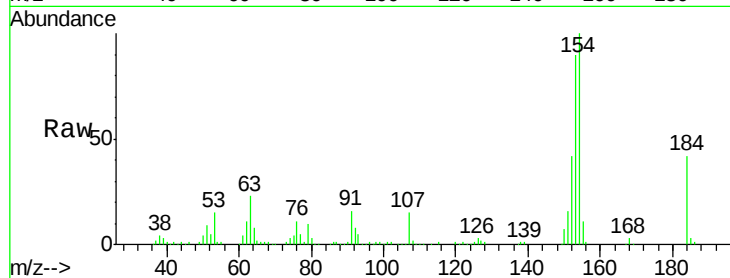
Tgt Ion:184 Resp: 53546

Ion Ratio Lower Upper

184 100

63 53.6 35.4 53.2#

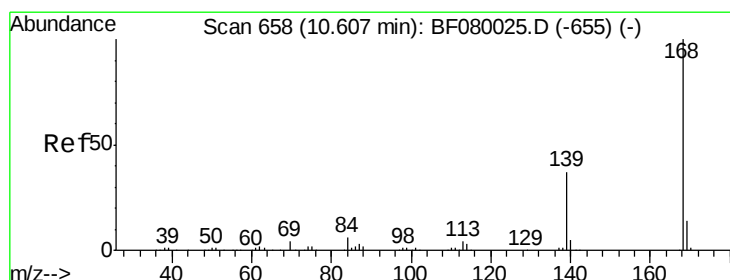
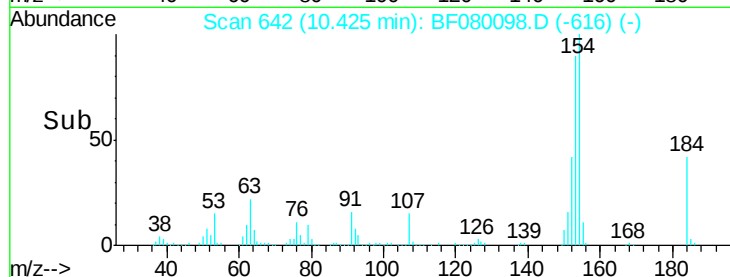
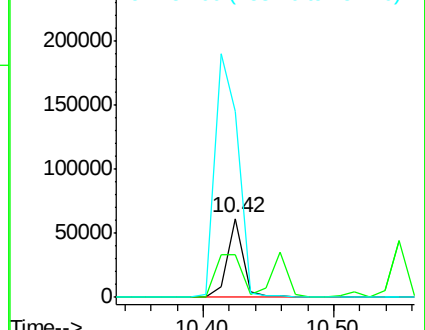
154 237.1 32.2 48.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 32.22 ng

RT: 10.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

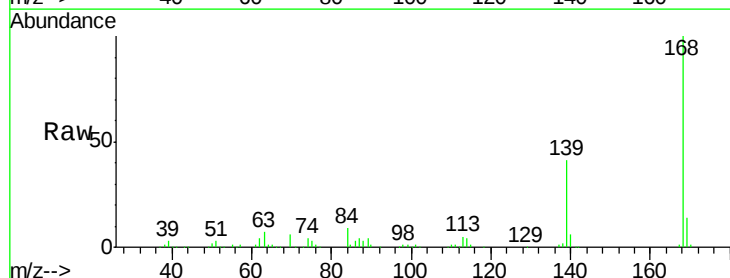
Tgt Ion:168 Resp: 323440

Ion Ratio Lower Upper

168 100

139 41.1 24.2 36.2#

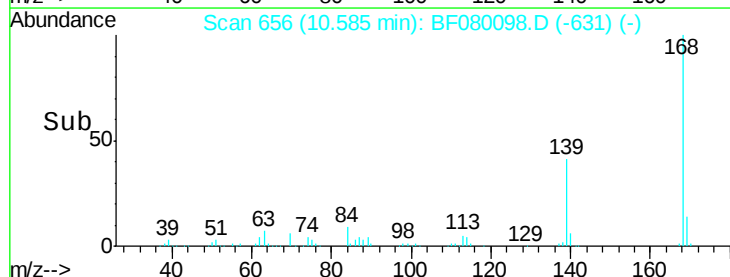
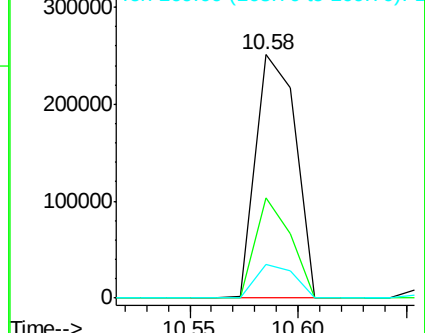
169 13.8 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 72.03 ng

RT: 10.46 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

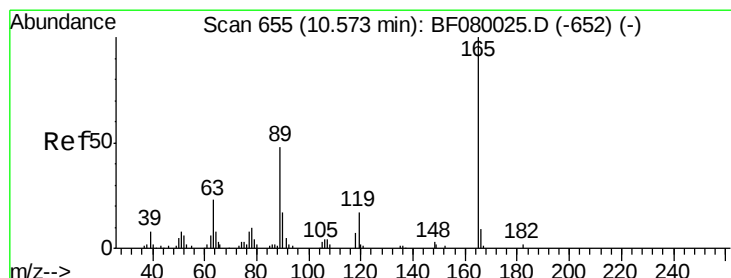
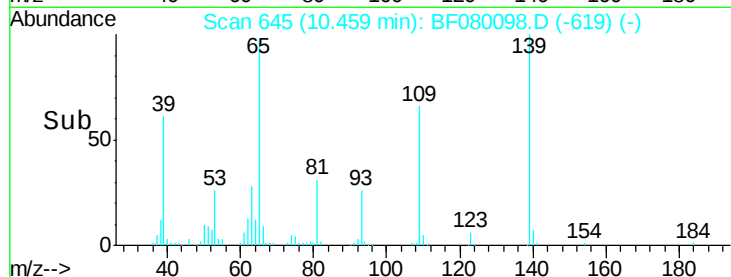
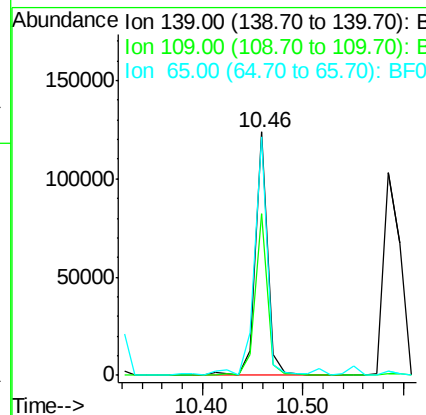
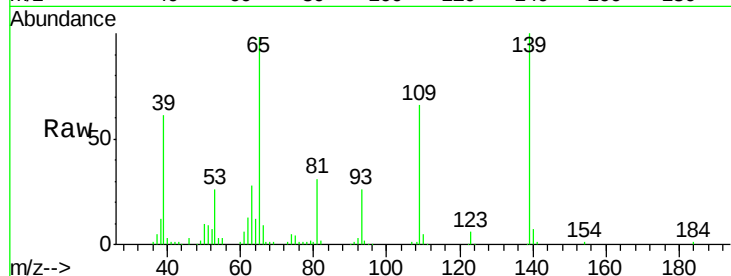
Tgt Ion:139 Resp: 105078

Ion Ratio Lower Upper

139 100

109 66.4 12.7 52.7#

65 98.0 45.9 85.9#



#56

2,4-Dinitrotoluene

Concen: 40.91 ng

RT: 10.55 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Tgt Ion:165 Resp: 82110

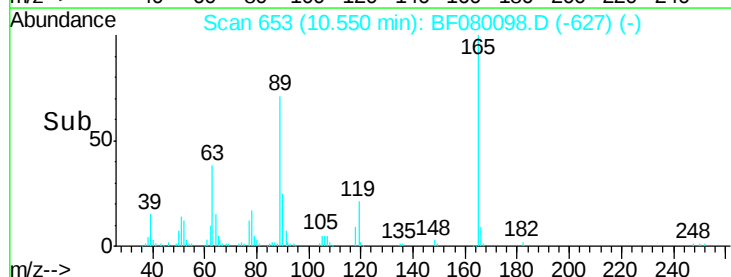
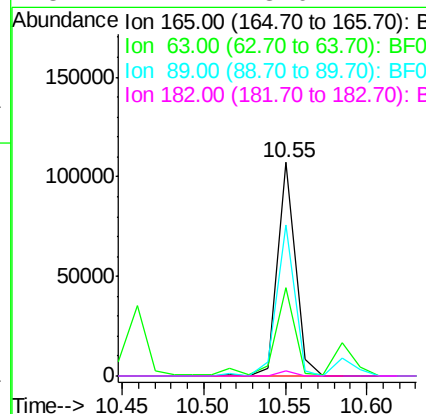
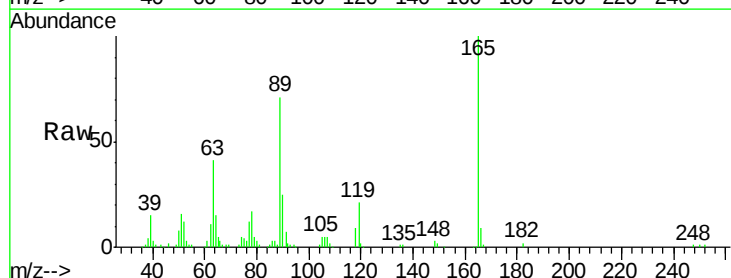
Ion Ratio Lower Upper

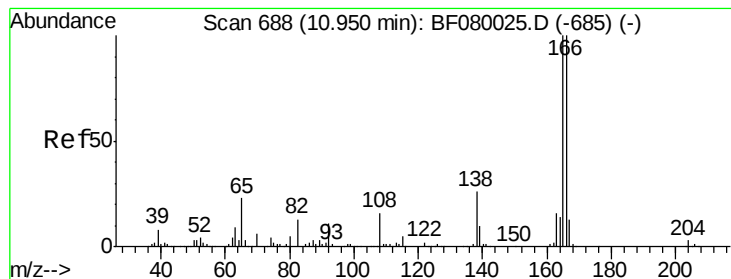
165 100

63 41.3 29.8 44.6

89 70.9 44.5 66.7#

182 2.1 3.0 4.4#





#57

Fluorene

Concen: 35.23 ng

RT: 10.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

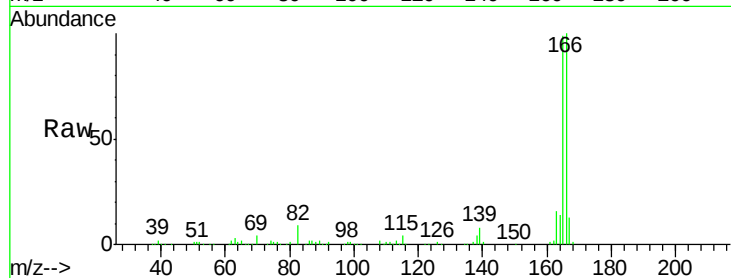
Tgt Ion:166 Resp: 280642

Ion Ratio Lower Upper

166 100

165 99.1 72.6 109.0

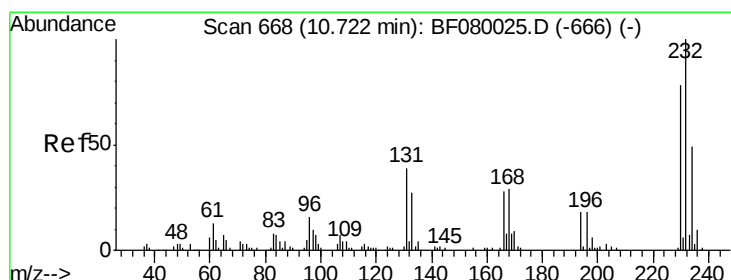
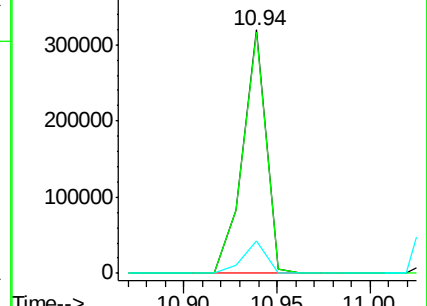
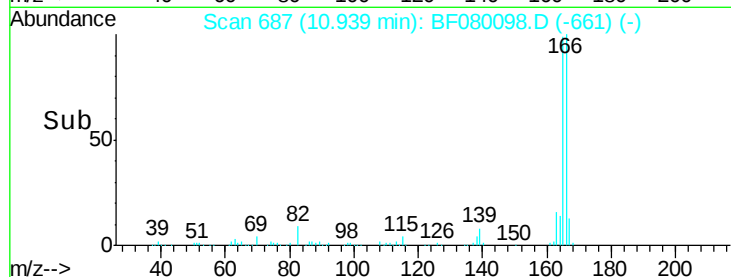
167 13.1 10.6 16.0



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: 32.31 ng

RT: 10.70 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Tgt Ion:232 Resp: 65309

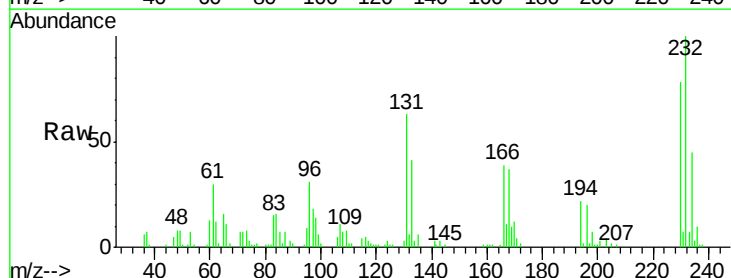
Ion Ratio Lower Upper

232 100

131 45.6 38.5 57.7

130 2.2 1.8 2.6

166 30.2 25.0 37.6

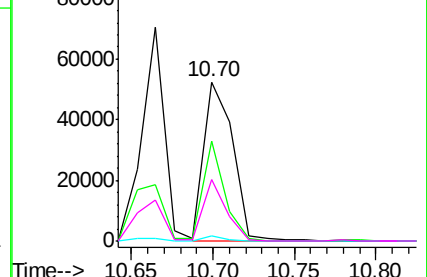
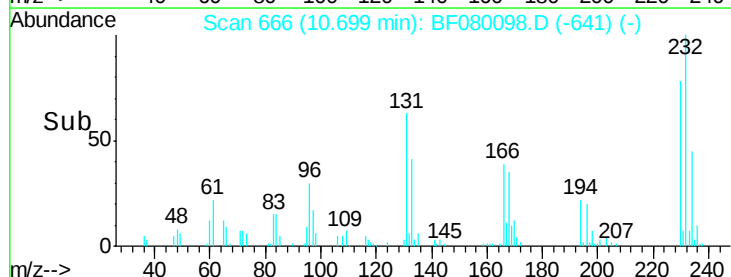


Abundance Ion 232.00 (231.70 to 232.70): E

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

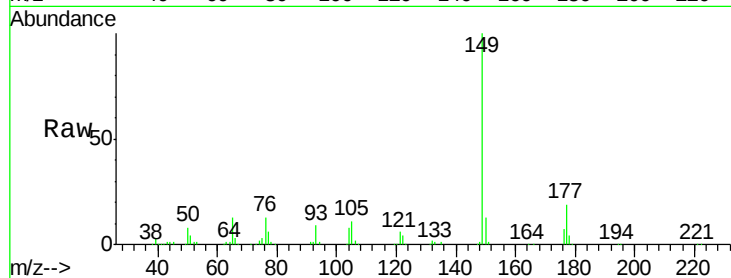




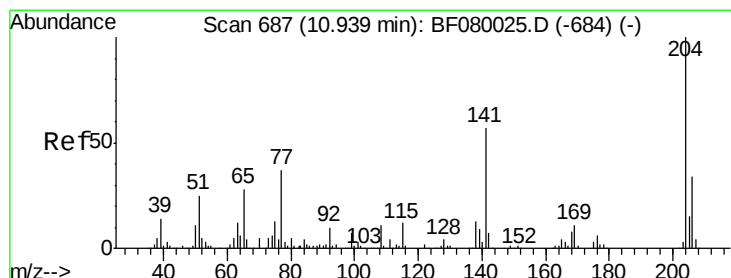
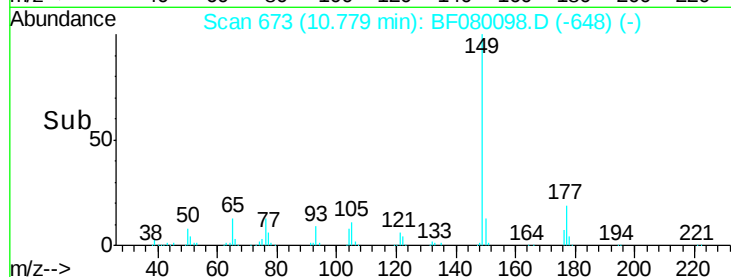
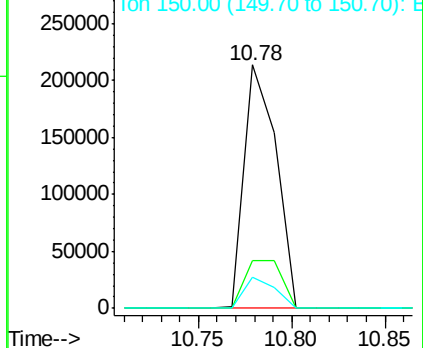
#59
Diethylphthalate
Concen: 31.92 ng
RT: 10.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB84131BSD

Tgt Ion:149 Resp: 253565
Ion Ratio Lower Upper
149 100
177 19.4 17.5 26.3
150 12.8 9.4 14.2

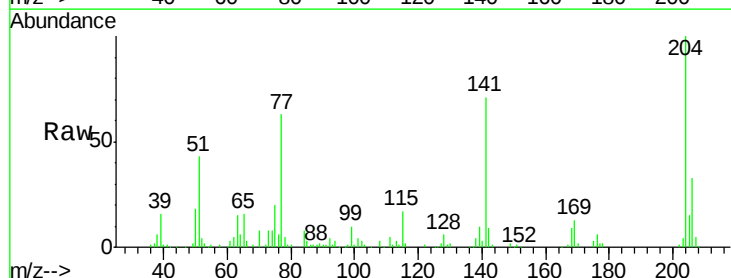


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

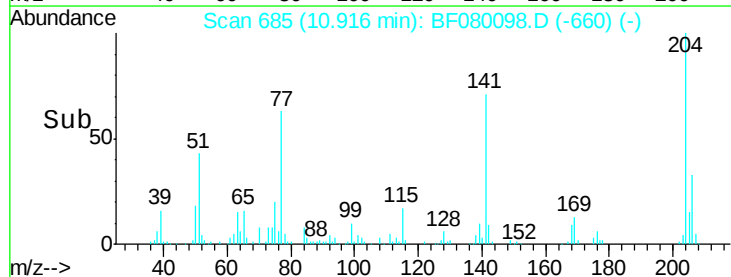
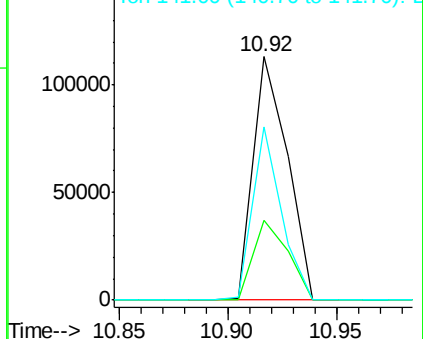


#60
4-Chlorophenyl-phenylether
Concen: 32.37 ng
RT: 10.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

Tgt Ion:204 Resp: 123918
Ion Ratio Lower Upper
204 100
206 32.7 24.8 37.2
141 70.9 42.2 63.4#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.67 ng

RT: 10.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

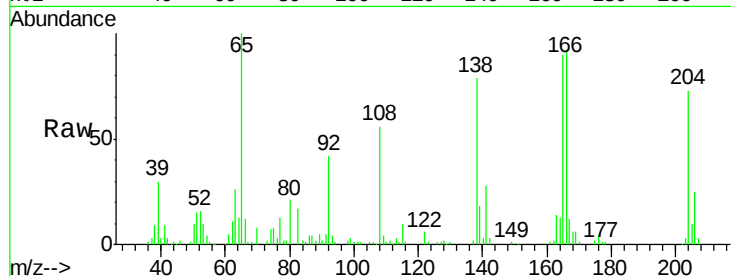
Tgt Ion:138 Resp: 61574

Ion Ratio Lower Upper

138 100

92 53.0 12.6 52.6#

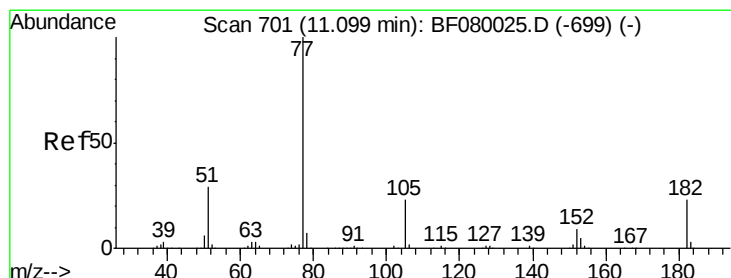
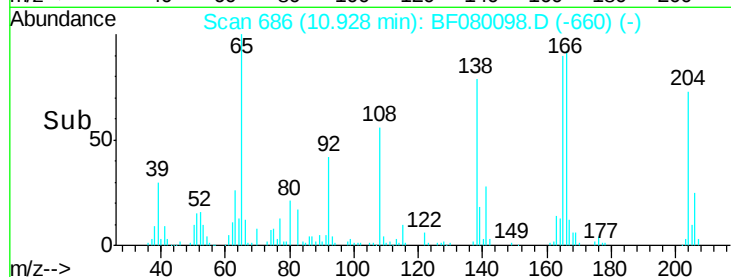
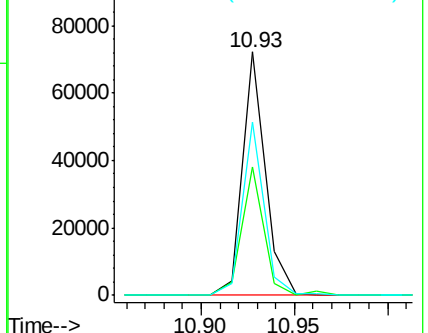
108 70.9 12.4 52.4#



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: 30.98 ng

RT: 11.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Tgt Ion: 77 Resp: 250561

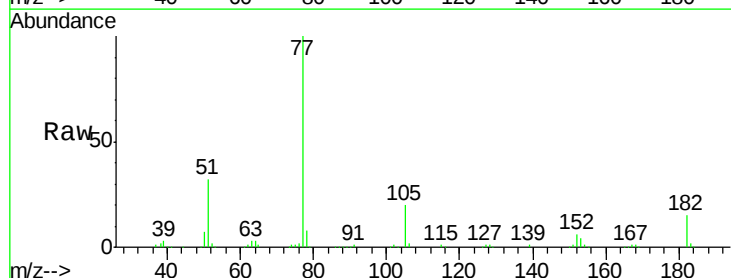
Ion Ratio Lower Upper

77 100

182 15.3 15.1 55.1

105 19.6 3.4 43.4

51 31.8 12.0 52.0

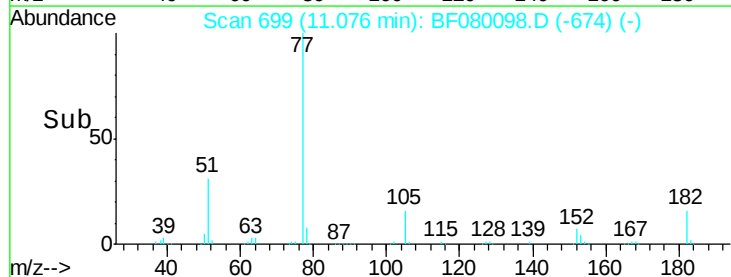
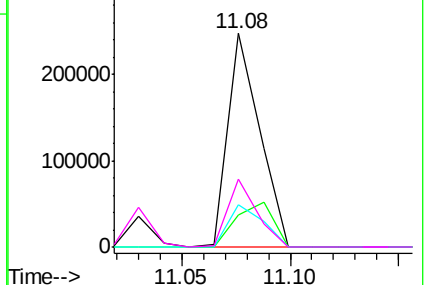


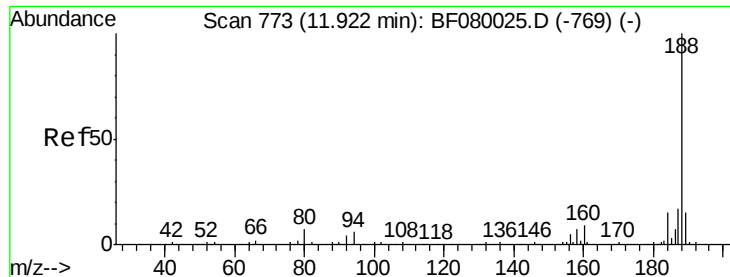
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.90 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

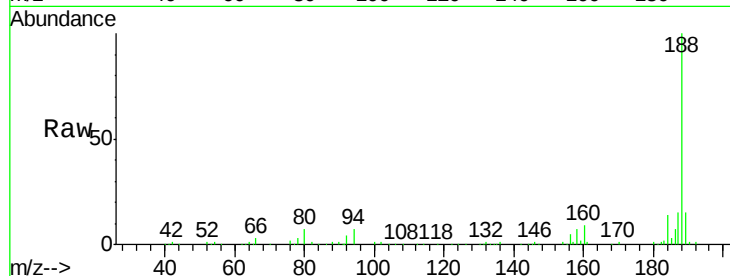
Tgt Ion:188 Resp: 224181

Ion Ratio Lower Upper

188 100

94 7.3 11.1 16.7#

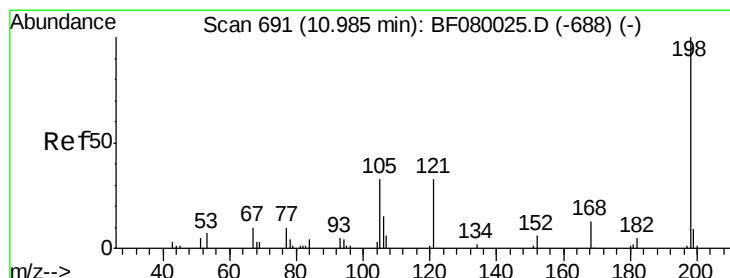
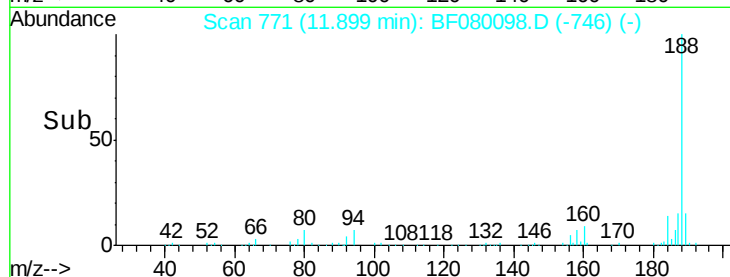
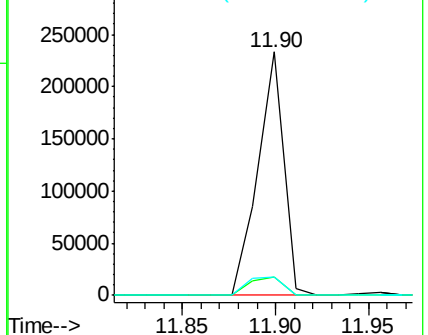
80 7.4 11.0 16.4#



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: 34.76 ng

RT: 10.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

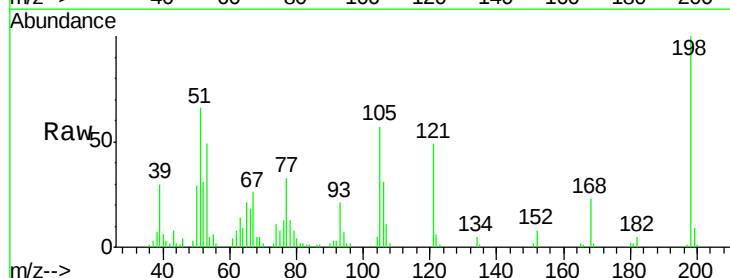
Tgt Ion:198 Resp: 34912

Ion Ratio Lower Upper

198 100

51 66.0 39.6 79.6

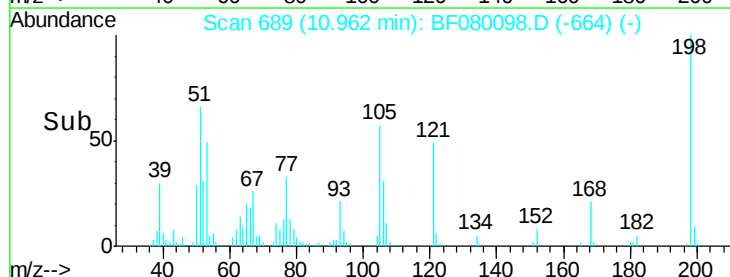
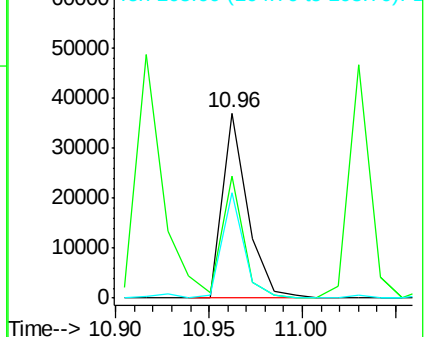
105 57.3 28.5 68.5



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

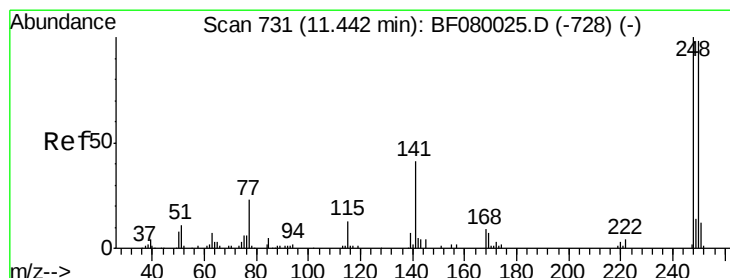
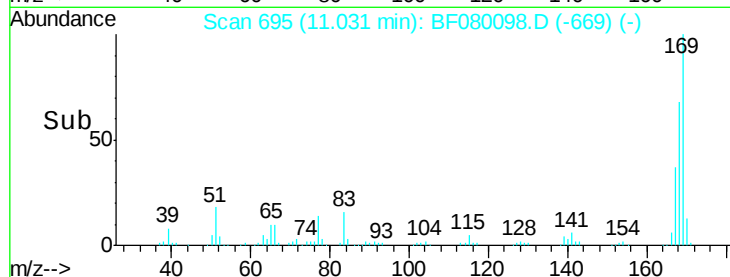
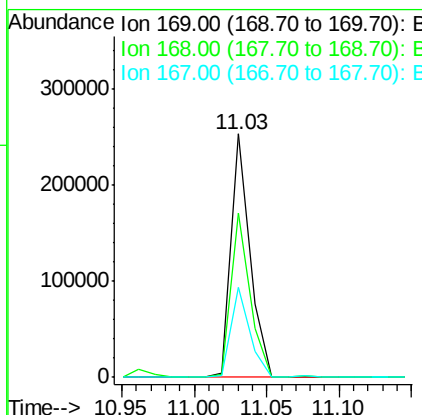
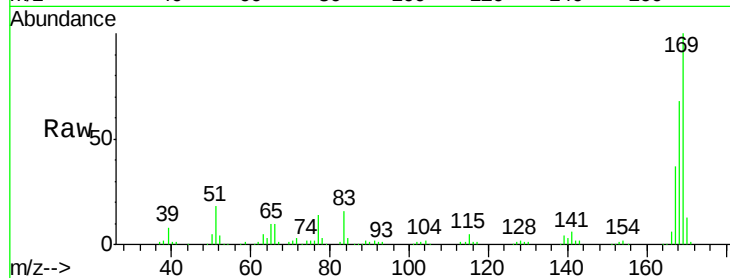




#65
 n-Nitrosodiphenylamine
 Concen: 31.47 ng
 RT: 11.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

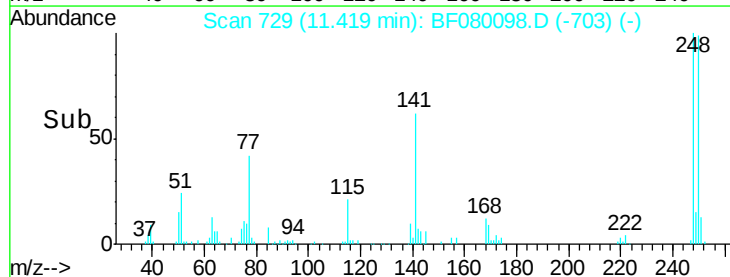
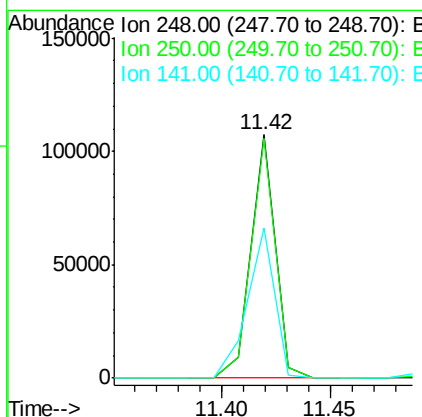
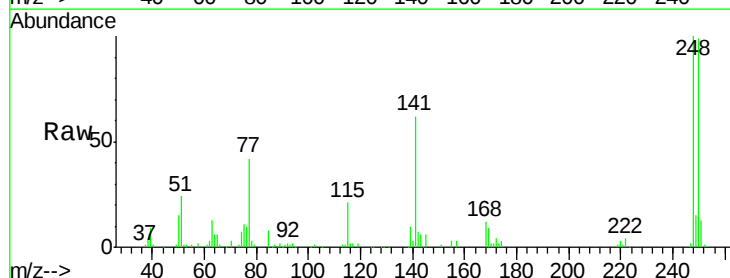
Instrument :
 BNA_F
 ClientSampleId :
 PB84131BSD

Tgt Ion:169 Resp: 229699
 Ion Ratio Lower Upper
 169 100
 168 67.6 48.9 73.3
 167 37.0 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 34.91 ng
 RT: 11.42 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Tgt Ion:248 Resp: 83219
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.5 117.7
 141 61.8 59.0 88.6

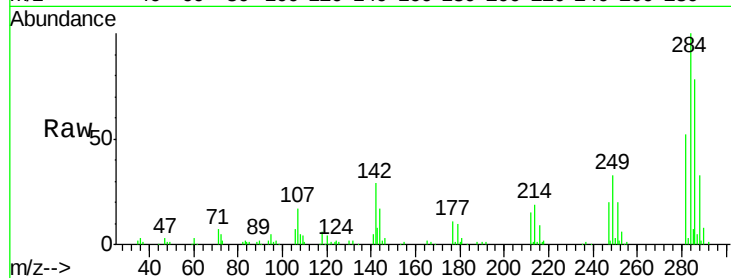




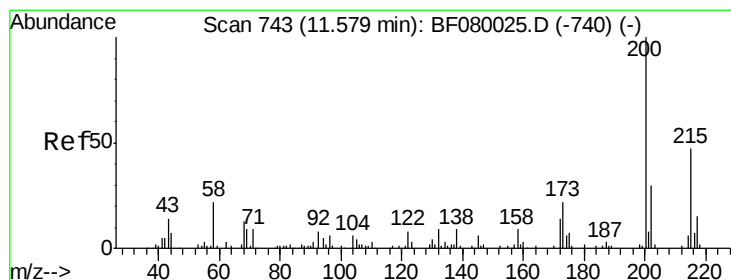
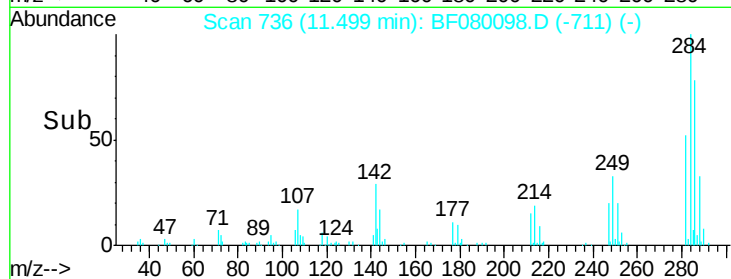
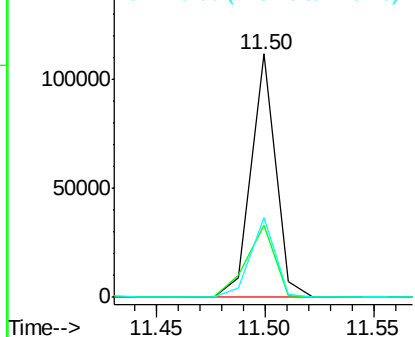
#67
Hexachlorobenzene
Concen: 33.16 ng
RT: 11.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB84131BSD

Tgt Ion:284 Resp: 87856
Ion Ratio Lower Upper
284 100
142 29.4 29.5 44.3#
249 32.6 19.5 29.3#

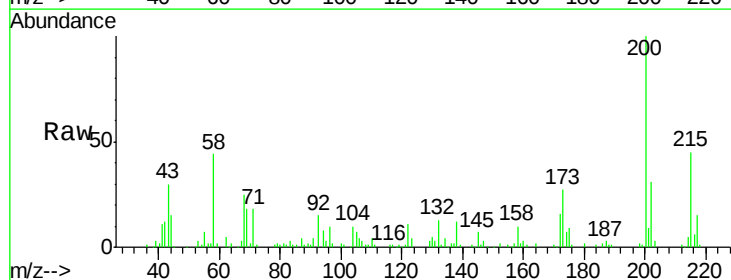


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

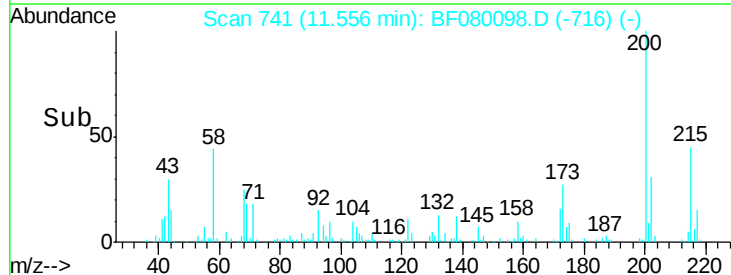
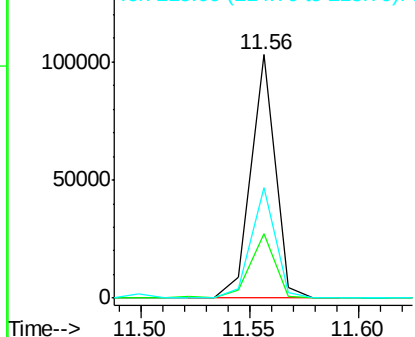


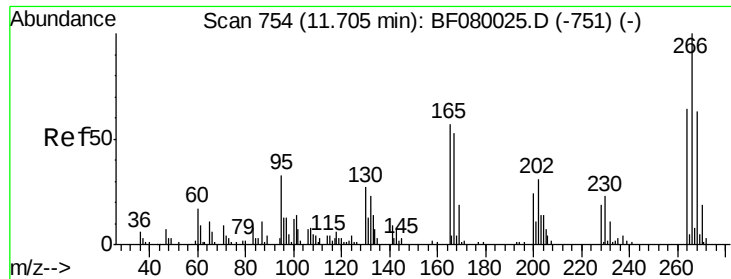
#68
Atrazine
Concen: 34.61 ng
RT: 11.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

Tgt Ion:200 Resp: 79827
Ion Ratio Lower Upper
200 100
173 26.5 13.2 53.2
215 45.3 41.8 81.8



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

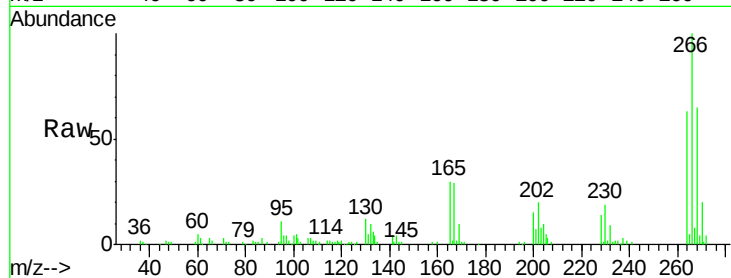




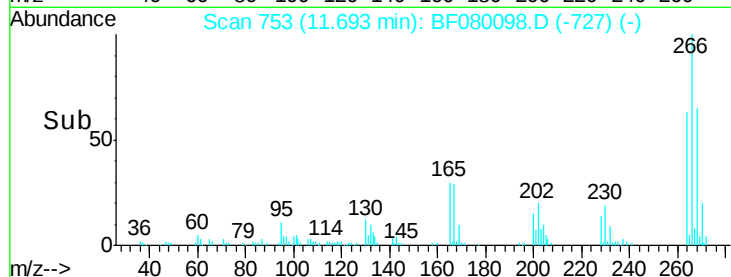
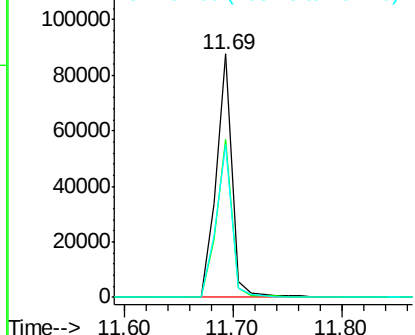
#69
 Pentachlorophenol
 Concen: 60.34 ng
 RT: 11.69 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BSD

Tgt Ion:266 Resp: 90586
 Ion Ratio Lower Upper
 266 100
 268 64.6 49.8 74.6
 264 62.8 50.2 75.2

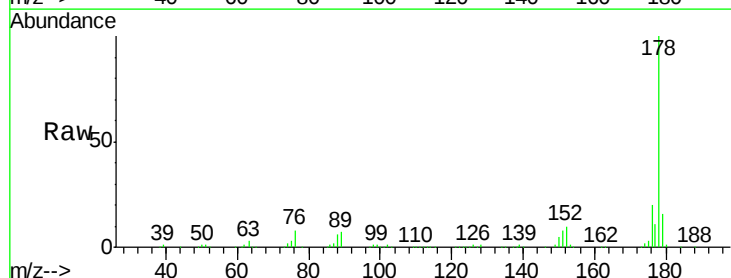


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

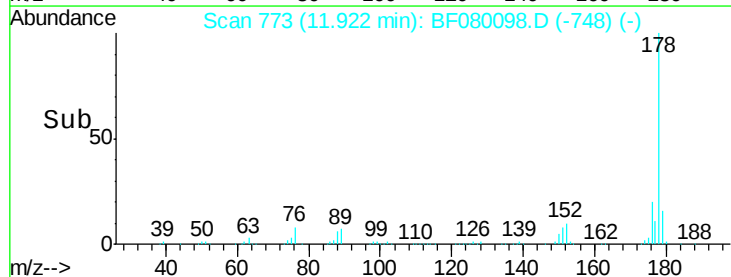
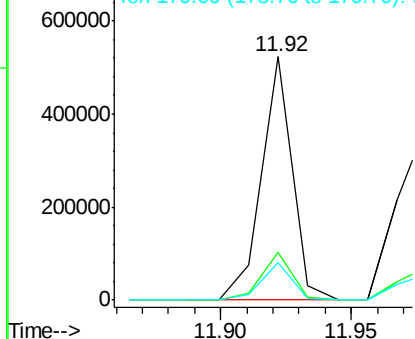


#70
 Phenanthrene
 Concen: 31.87 ng
 RT: 11.92 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Tgt Ion:178 Resp: 432557
 Ion Ratio Lower Upper
 178 100
 176 19.6 13.8 20.8
 179 15.5 12.2 18.2



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

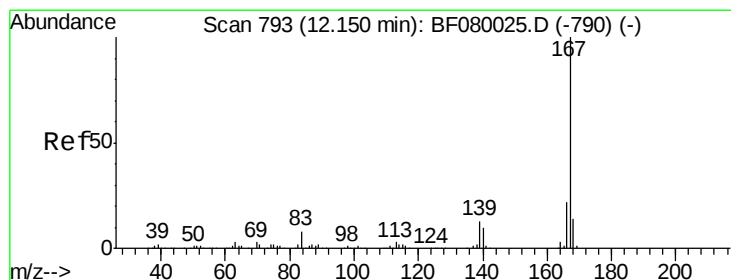
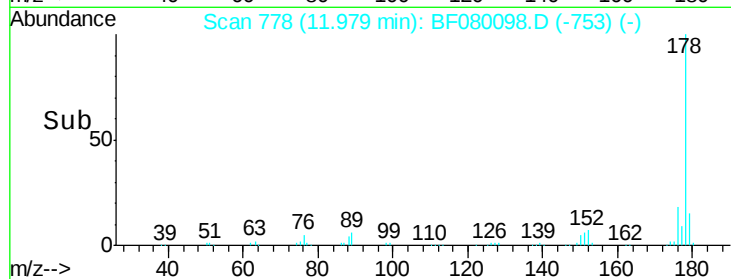
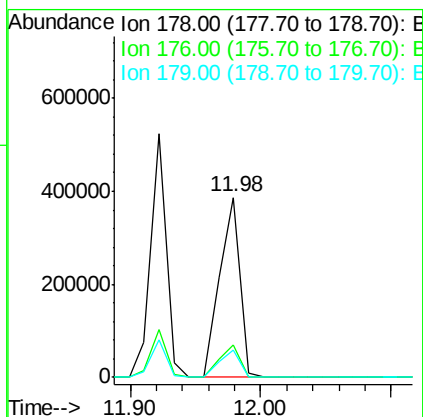
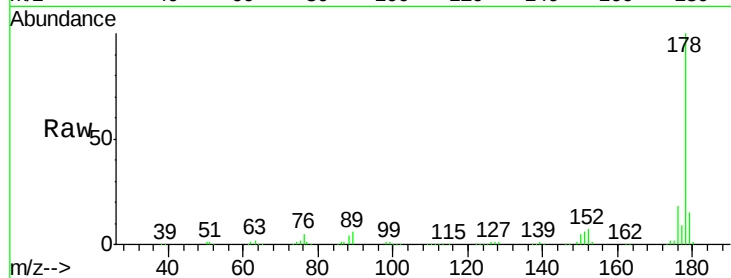




#71
 Anthracene
 Concen: 32.29 ng
 RT: 11.98 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

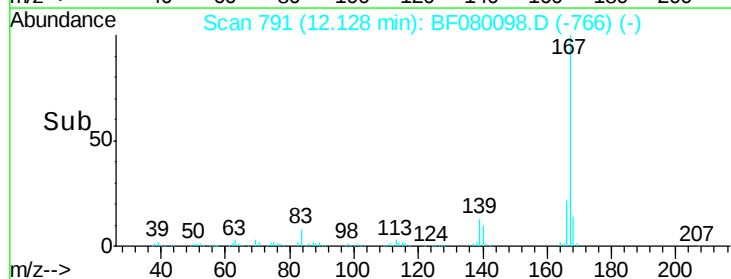
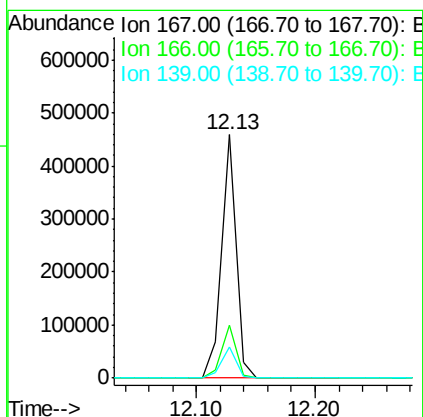
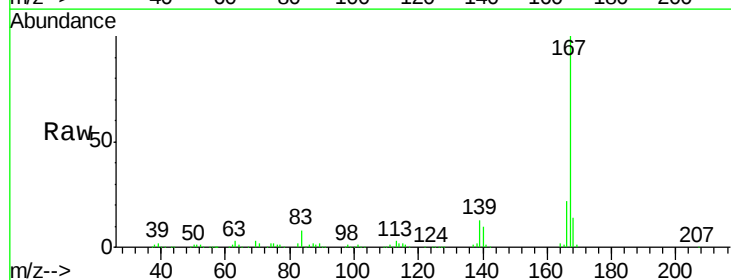
Instrument :
 BNA_F
 ClientSampleId :
 PB84131BSD

Tgt Ion:178 Resp: 421953
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.1 21.1
 179 15.1 12.2 18.2



#72
 Carbazole
 Concen: 30.85 ng
 RT: 12.13 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Tgt Ion:167 Resp: 384900
 Ion Ratio Lower Upper
 167 100
 166 21.7 15.7 23.5
 139 12.7 9.5 14.3





#73

Di-n-butylphthalate

Concen: 30.08 ng

RT: 12.46 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

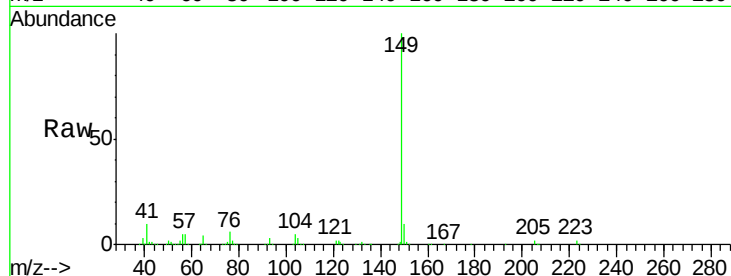
Tgt Ion:149 Resp: 433637

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

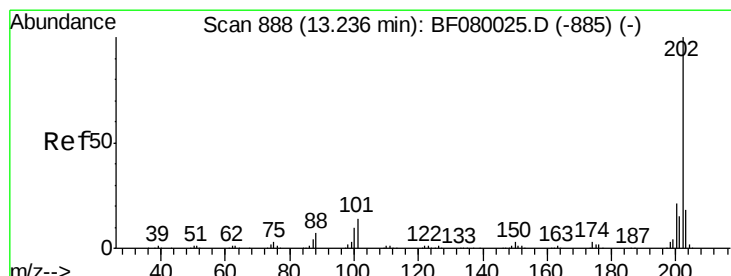
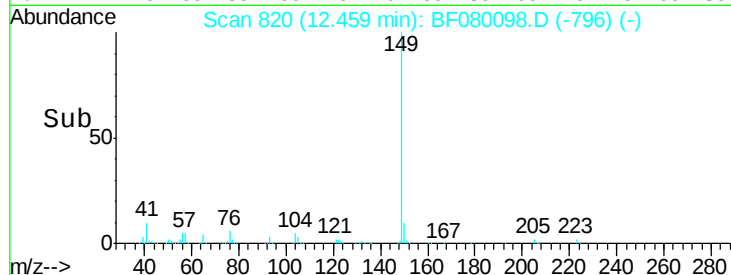
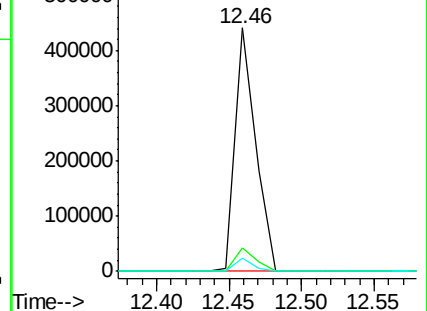
104 5.3 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.03 ng

RT: 13.21 min Scan# 886

Delta R.T. -0.03 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

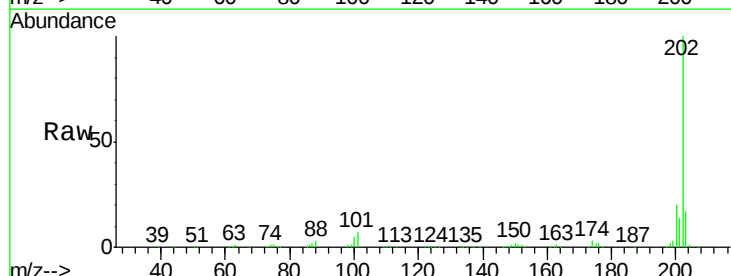
Tgt Ion:202 Resp: 448589

Ion Ratio Lower Upper

202 100

101 7.1 0.0 38.3

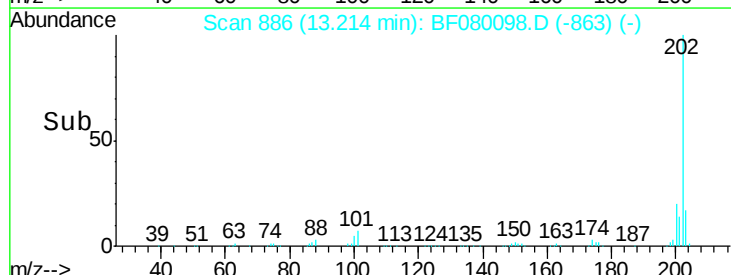
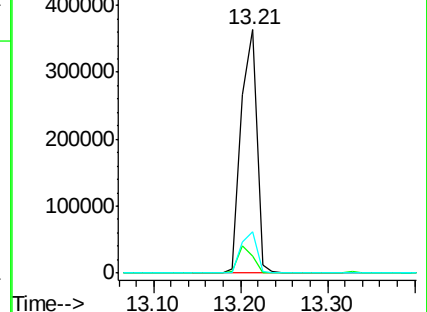
203 16.8 0.0 37.3

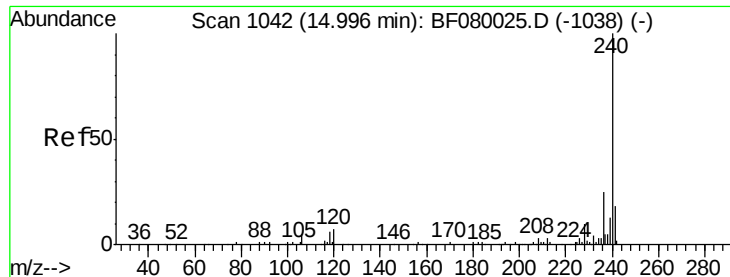


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.94 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

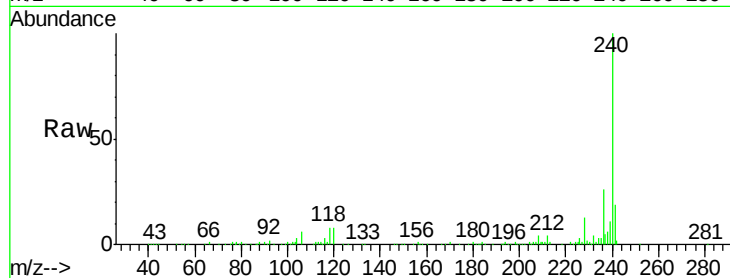
Tgt Ion:240 Resp: 241782

Ion Ratio Lower Upper

240 100

120 8.5 16.2 24.2#

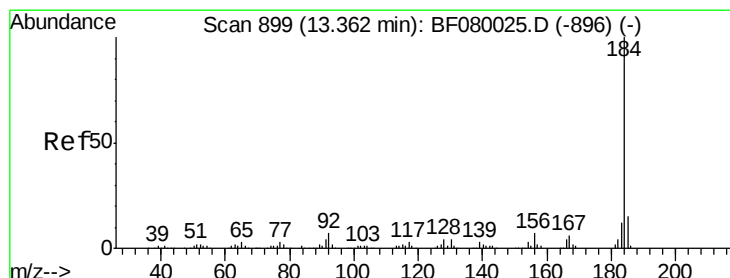
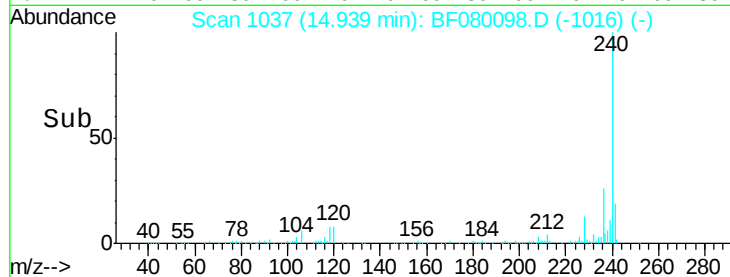
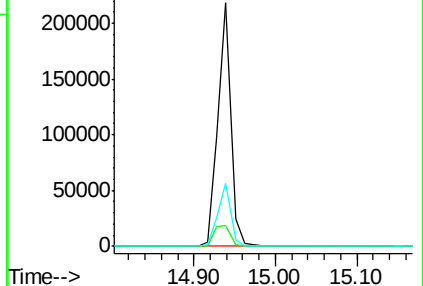
236 25.8 18.4 27.6



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: 42.86 ng

RT: 13.33 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

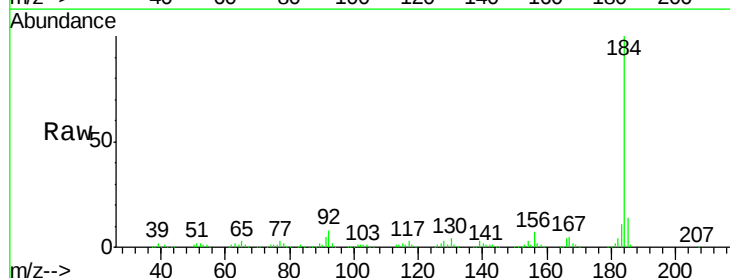
Tgt Ion:184 Resp: 289635

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.6

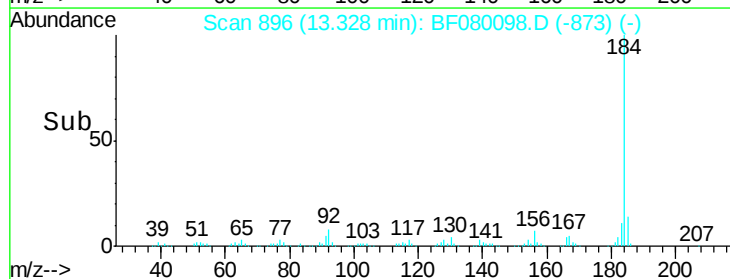
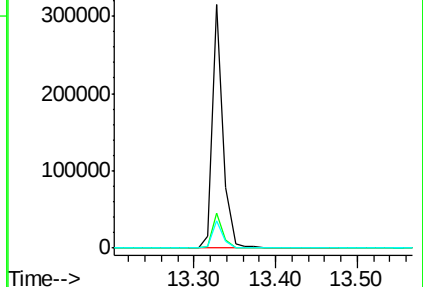
183 11.2 7.6 11.4

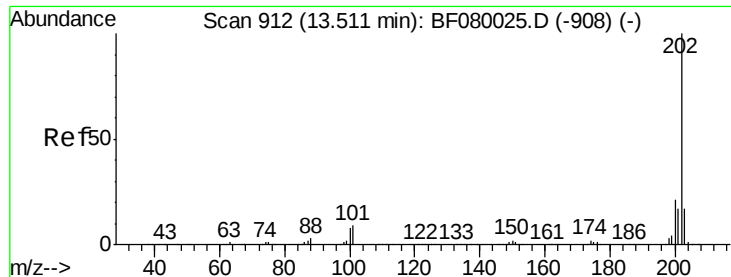


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 31.58 ng

RT: 13.48 min Scan# 909

Delta R.T. -0.03 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

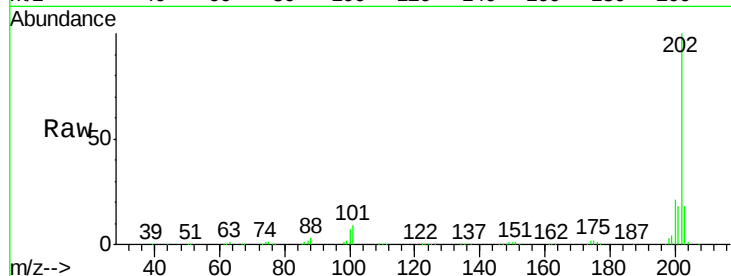
Tgt Ion:202 Resp: 470135

Ion Ratio Lower Upper

202 100

200 21.0 15.0 22.4

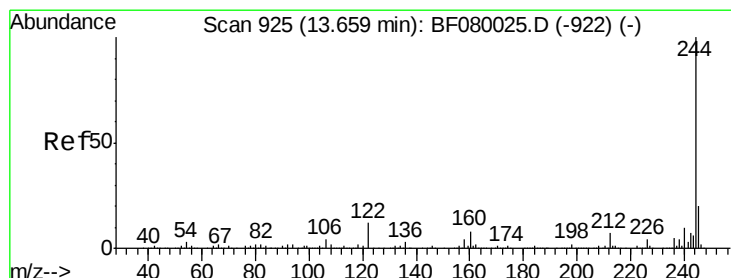
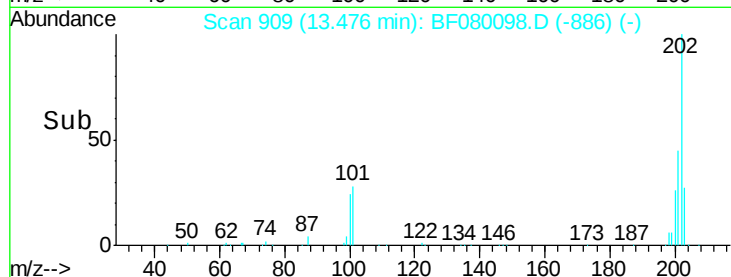
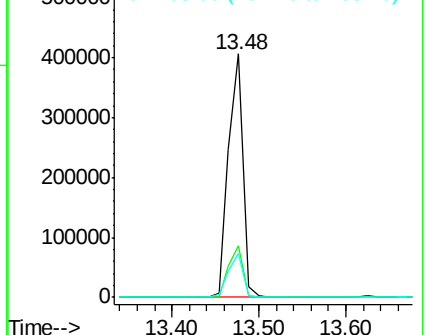
203 17.8 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.27 ng

RT: 13.63 min Scan# 922

Delta R.T. -0.05 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

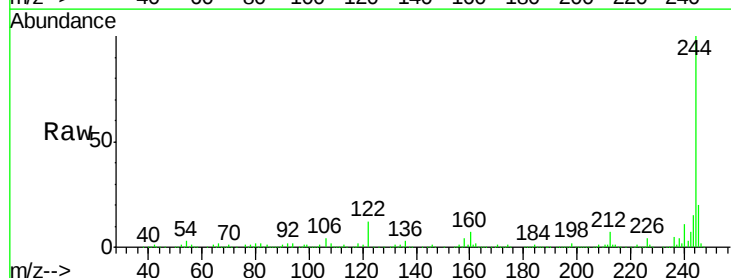
Tgt Ion:244 Resp: 799948

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

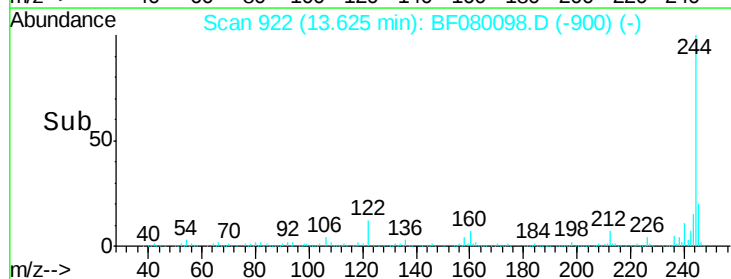
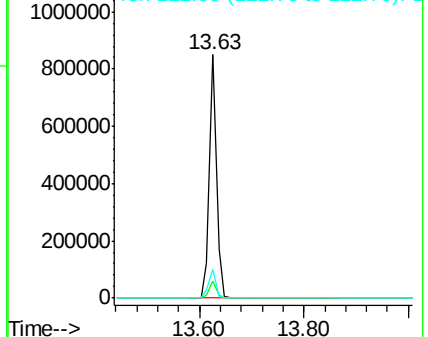
122 11.9 17.4 26.2#

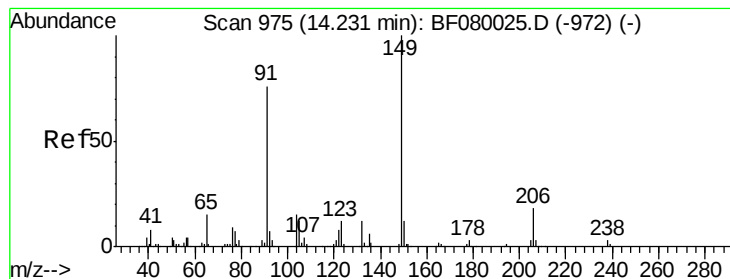


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 32.49 ng

RT: 14.19 min Scan# 971

Delta R.T. -0.06 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

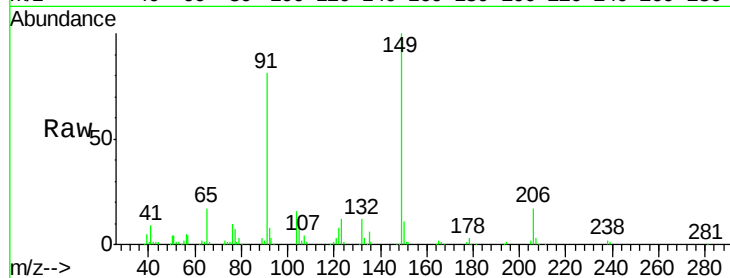
Tgt Ion:149 Resp: 194238

Ion Ratio Lower Upper

149 100

91 80.9 48.6 72.8#

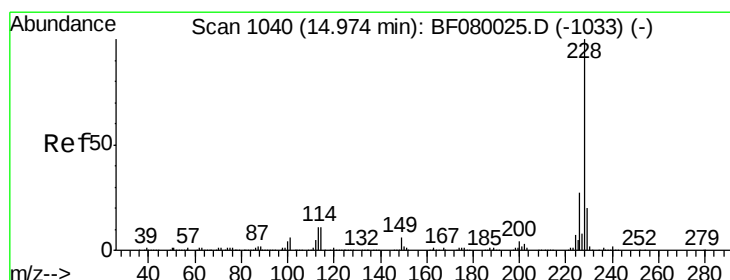
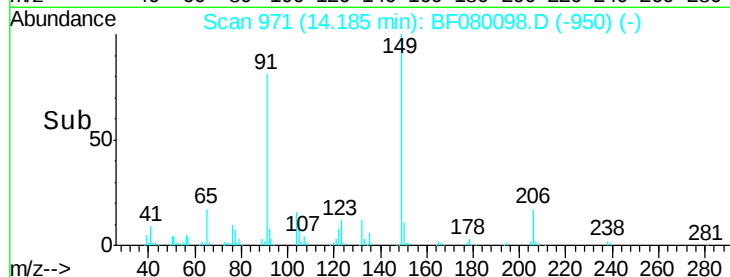
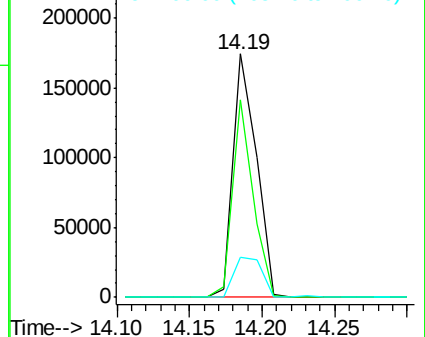
206 16.6 14.9 22.3



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: 31.61 ng

RT: 14.93 min Scan# 1036

Delta R.T. -0.06 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

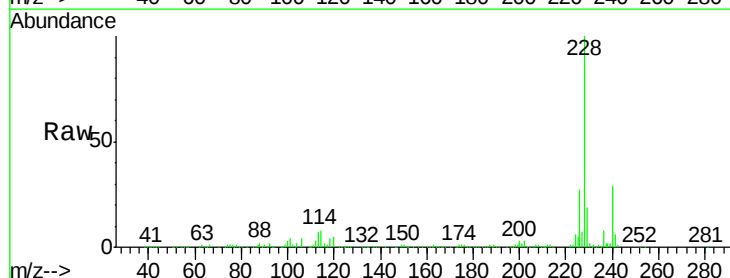
Tgt Ion:228 Resp: 465588

Ion Ratio Lower Upper

228 100

226 27.2 20.0 30.0

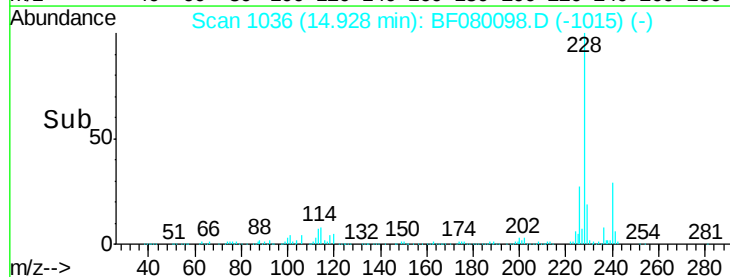
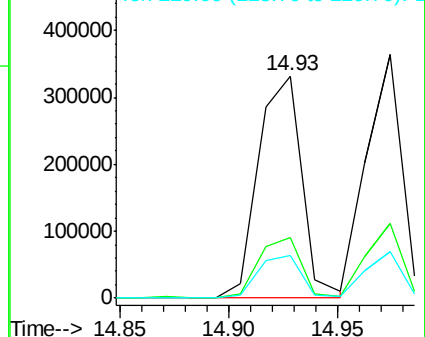
229 19.4 15.4 23.2

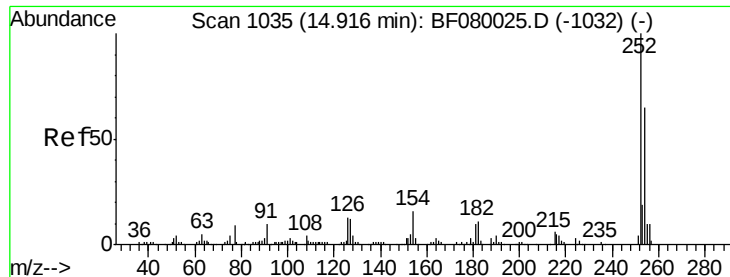


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

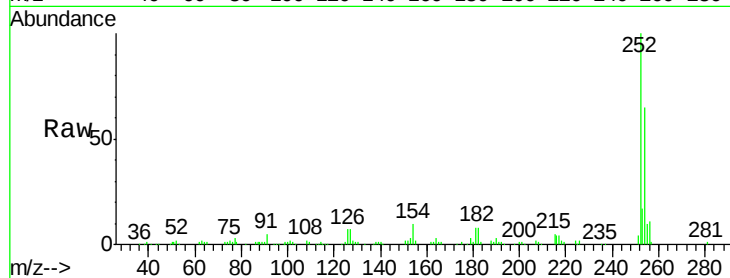




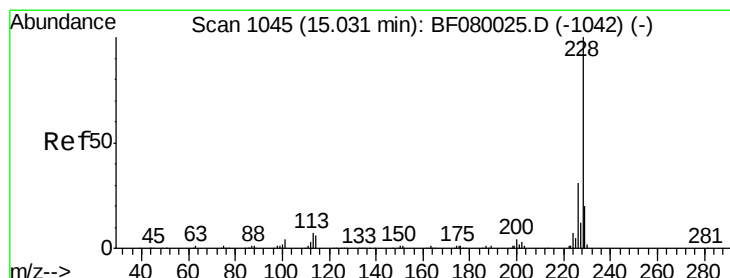
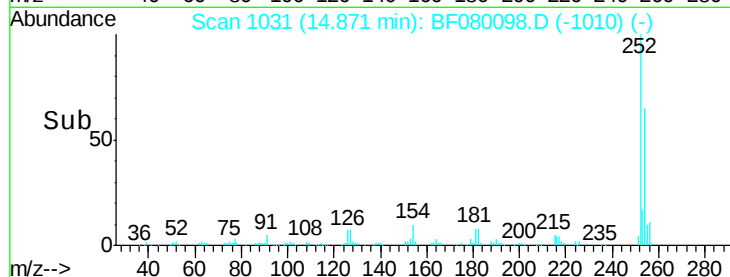
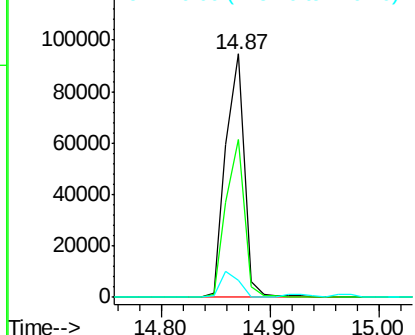
#81
 3,3'-Dichlorobenzidine
 Concen: 22.26 ng
 RT: 14.87 min Scan# 1031
 Delta R.T. -0.06 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BSD

Tgt Ion:252 Resp: 113066
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.4 77.2
 126 7.2 16.4 24.6#

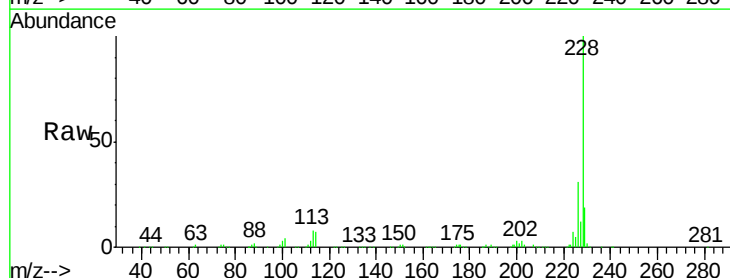


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

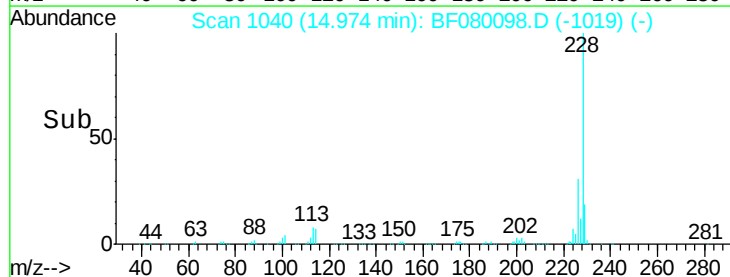
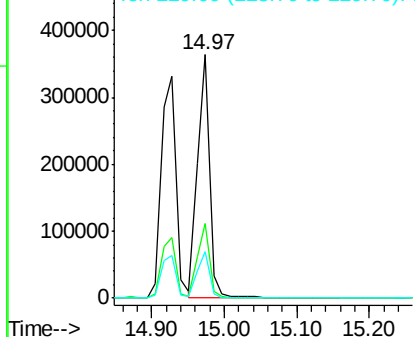


#82
 Chrysene
 Concen: 31.16 ng
 RT: 14.97 min Scan# 1040
 Delta R.T. -0.06 min
 Lab File: BF080098.D
 Acq: 22 Jun 2015 17:08

Tgt Ion:228 Resp: 423169
 Ion Ratio Lower Upper
 228 100
 226 30.8 21.0 31.4
 229 19.2 15.6 23.4



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: 31.92 ng

RT: 14.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

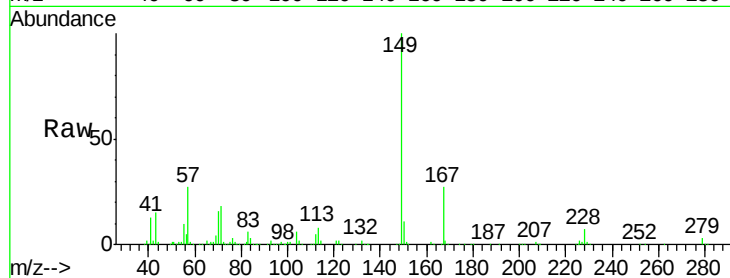
Tgt Ion:149 Resp: 301554

Ion Ratio Lower Upper

149 100

167 26.5 24.2 36.2

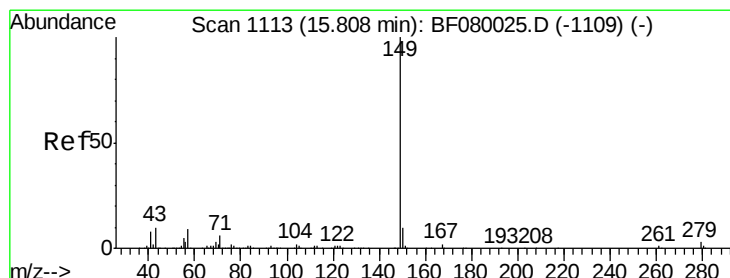
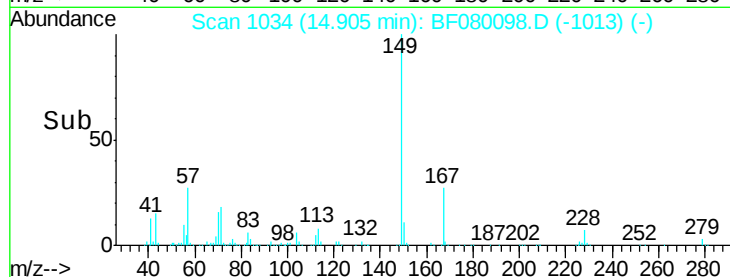
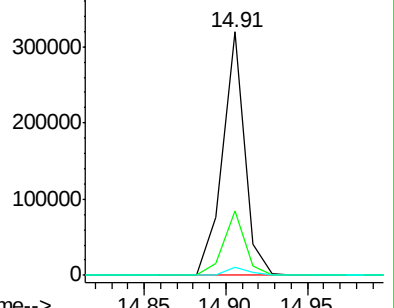
279 3.2 3.8 5.6#



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: 30.78 ng

RT: 15.74 min Scan# 1107

Delta R.T. -0.08 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

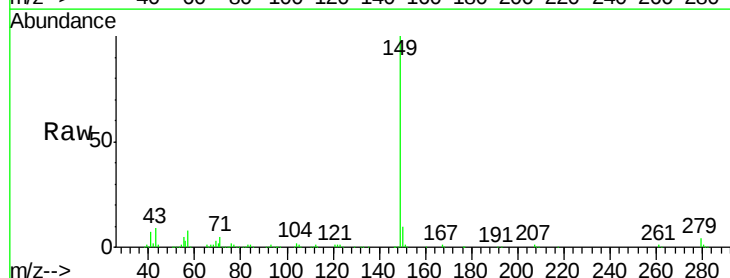
Tgt Ion:149 Resp: 498350

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

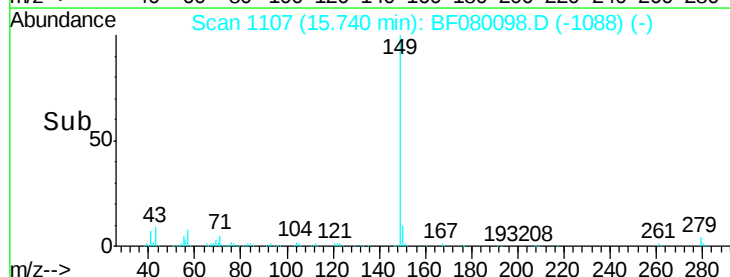
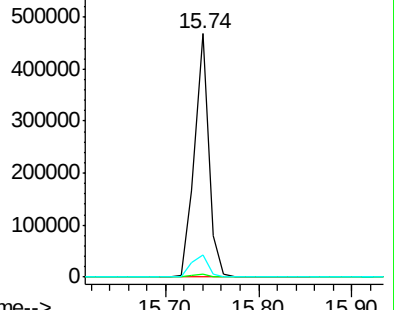
43 11.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 27.86 ng

RT: 18.70 min Scan# 1366

Delta R.T. -0.09 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

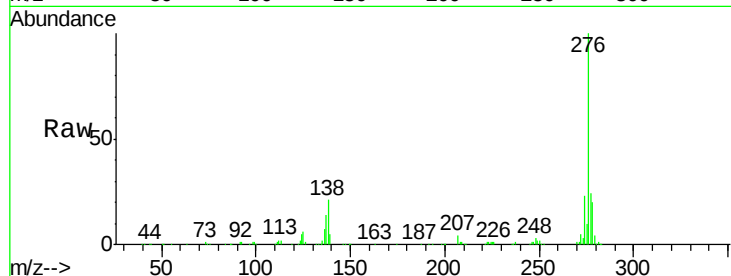
Tgt Ion:276 Resp: 477186

Ion Ratio Lower Upper

276 100

138 25.3 25.7 38.5#

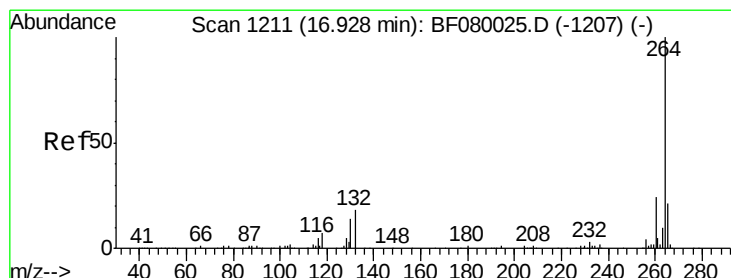
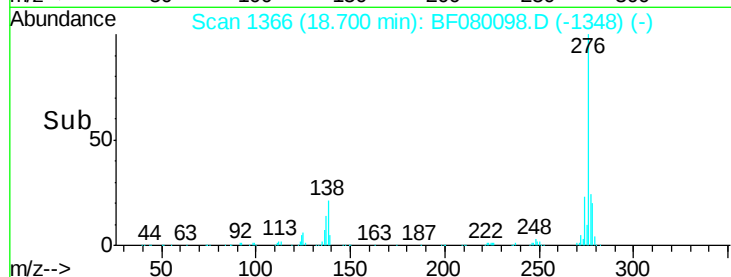
277 24.5 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.85 min Scan# 1204

Delta R.T. -0.08 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

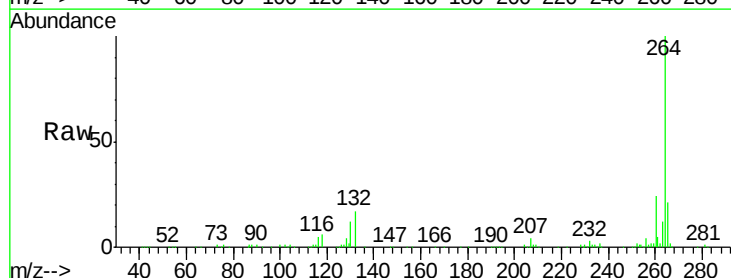
Tgt Ion:264 Resp: 235758

Ion Ratio Lower Upper

264 100

260 23.8 16.7 25.1

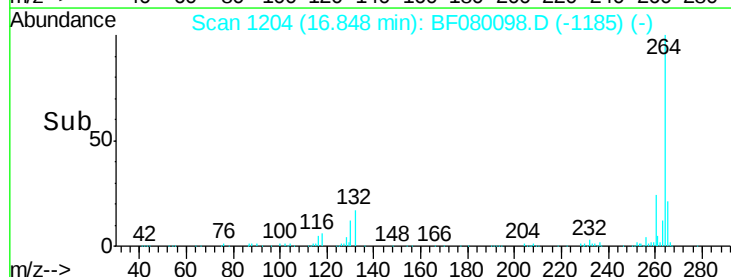
265 21.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

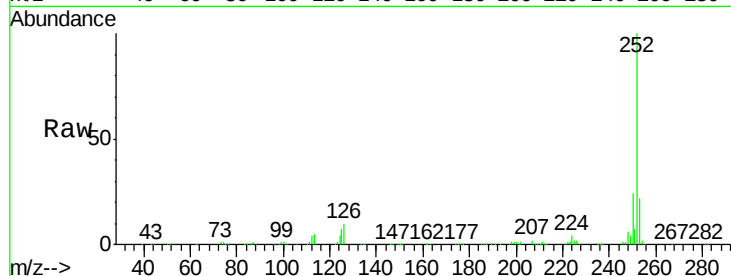




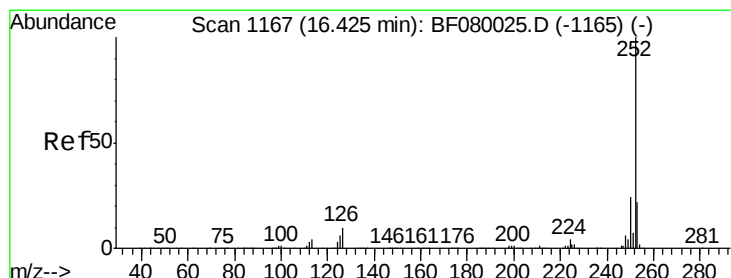
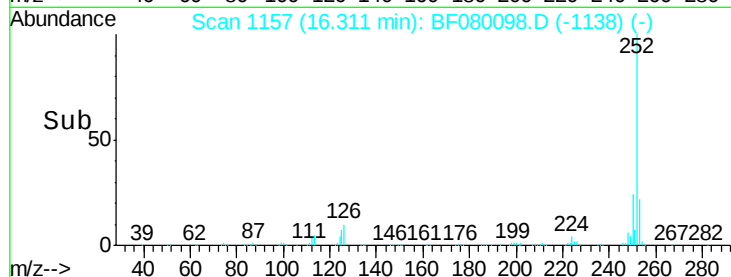
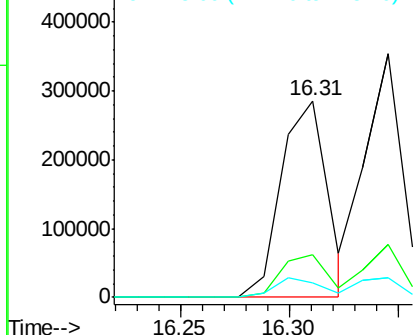
#87
Benzo(b)fluoranthene
Concen: 29.65 ng
RT: 16.31 min Scan# 1157
Delta R.T. -0.08 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB84131BSD

Tgt Ion: 252 Resp: 423254
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 7.1 17.1 25.7#

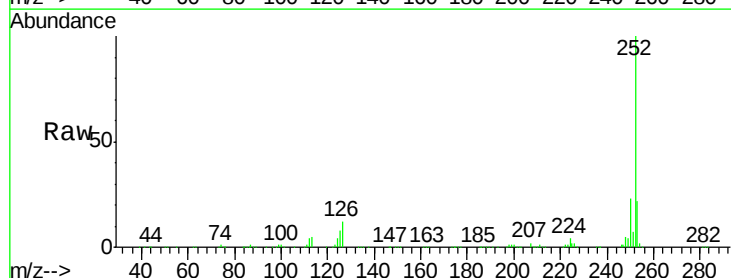


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

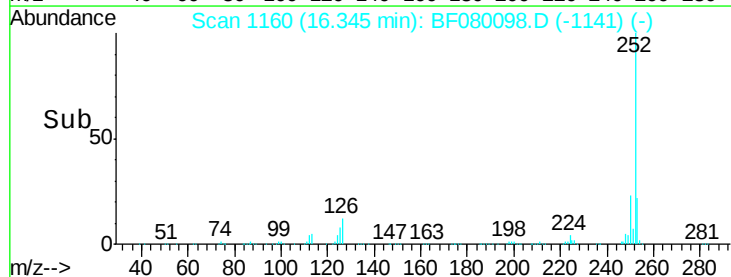
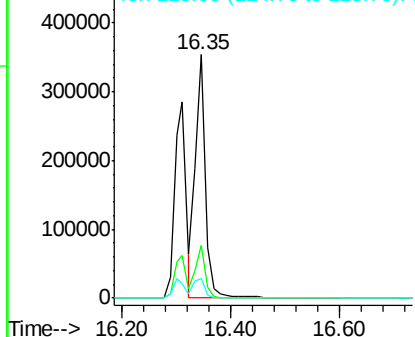


#88
Benzo(k)fluoranthene
Concen: 30.92 ng
RT: 16.35 min Scan# 1160
Delta R.T. -0.08 min
Lab File: BF080098.D
Acq: 22 Jun 2015 17:08

Tgt Ion: 252 Resp: 449367
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 7.9 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 30.95 ng

RT: 16.77 min Scan# 1197

Delta R.T. -0.08 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84131BSD

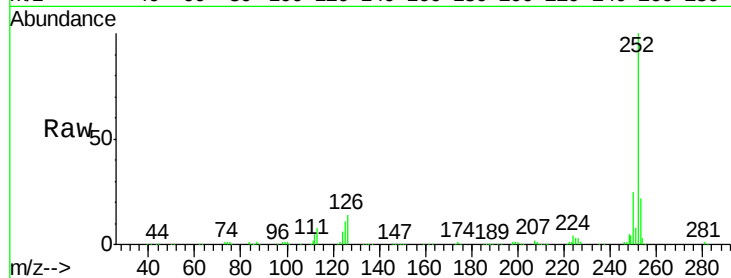
Tgt Ion:252 Resp: 419622

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

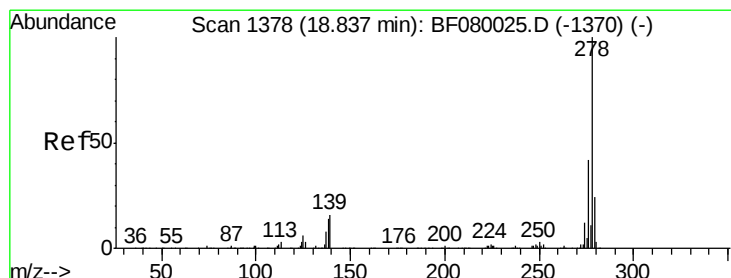
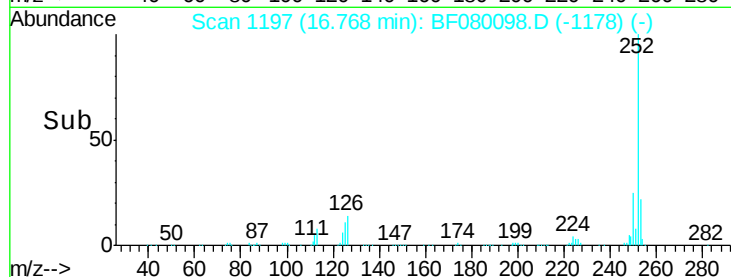
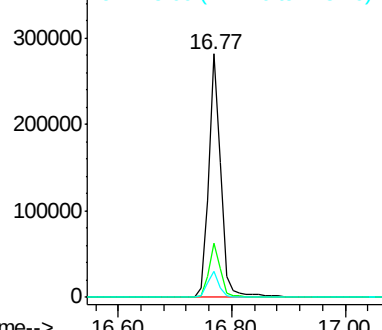
125 10.6 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 28.98 ng

RT: 18.72 min Scan# 1368

Delta R.T. -0.09 min

Lab File: BF080098.D

Acq: 22 Jun 2015 17:08

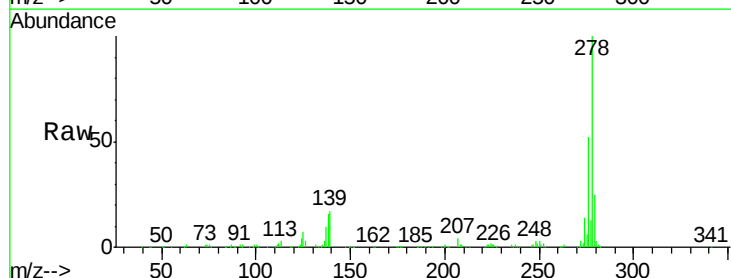
Tgt Ion:278 Resp: 402049

Ion Ratio Lower Upper

278 100

139 17.0 26.3 39.5#

279 24.7 18.2 27.4



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

