

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
 Data File : BF080133.D
 Acq On : 24 Jun 2015 15:43
 Operator : TP/IZ
 Sample : PB84172BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84172BS

Quant Time: Jun 25 00:58:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 00:52:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	36770	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	139039	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	72368	20.00	ng	0.00
63) Phenanthrene-d10	11.89	188	143070	20.00	ng	0.00
75) Chrysene-d12	14.95	240	144043	20.00	ng	0.02
86) Perylene-d12	16.88	264	139771	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.92	112	275883	132.81	ng	0.00
7) Phenol-d6	6.92	99	374226	135.39	ng	0.00
23) Nitrobenzene-d5	7.86	82	205224	85.93	ng	-0.01
41) 2,4,6-Tribromophenol	11.17	330	91259	128.96	ng	0.00
44) 2-Fluorobiphenyl	9.68	172	457873	90.23	ng	0.00
78) Terphenyl-d14	13.63	244	513096	83.19	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	31284	31.69	ng	92
3) Pyridine	4.01	79	112351	42.79	ng	# 83
4) n-Nitrosodimethylamine	3.92	42	52053	41.71	ng	97
6) Aniline	6.97	93	113464	29.84	ng	99
8) 2-Chlorophenol	7.10	128	100478	41.85	ng	98
9) Benzaldehyde	6.86	77	57279	35.90	ng	# 82
10) Phenol	6.93	94	144724	47.98	ng	76
11) bis(2-Chloroethyl)ether	7.03	93	106034	44.31	ng	95
12) 1,3-Dichlorobenzene	7.26	146	118967	41.25	ng	# 96
13) 1,4-Dichlorobenzene	7.26	146	118967	43.37	ng	97
14) 1,2-Dichlorobenzene	7.49	146	116212	43.54	ng	95
15) Benzyl Alcohol	7.44	79	89024	39.39	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	7.58	45	155641	43.81	ng	88
17) 2-Methylphenol	7.54	107	88567	43.19	ng	# 87
18) Hexachloroethane	7.83	117	35157	38.50	ng	89
19) n-Nitroso-di-n-propylamine	7.70	70	80189	41.78	ng	# 77
20) 3+4-Methylphenols	7.69	107	113482	42.88	ng	90
22) Acetophenone	7.72	105	139356	43.01	ng	# 81
24) Nitrobenzene	7.89	77	116392	47.22	ng	# 68
25) Isophorone	8.13	82	198112	41.22	ng	# 94
26) 2-Nitrophenol	8.21	139	46829	45.39	ng	# 48
27) 2,4-Dimethylphenol	8.23	122	96632	44.91	ng	# 79
28) bis(2-Chloroethoxy)methane	8.33	93	118620	42.00	ng	# 94
29) 2,4-Dichlorophenol	8.45	162	90004	48.85	ng	96
30) 1,2,4-Trichlorobenzene	8.54	180	88930	42.50	ng	96
31) Naphthalene	8.63	128	294838	40.56	ng	99
32) Benzoic acid	8.29	122	21028	16.16	ng	# 65
33) 4-Chloroaniline	8.66	127	74209	23.85	ng	# 95
34) Hexachlorobutadiene	8.74	225	59251	45.99	ng	97
35) Caprolactam	9.00	113	24200	40.46	ng	# 70
36) 4-Chloro-3-methylphenol	9.13	107	96327	46.35	ng	# 85
37) 2-Methylnaphthalene	9.32	142	197325	41.96	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.49	216	91161	43.29	ng	99
40) Hexachlorocyclopentadiene	9.48	237	80881	75.05	ng	94

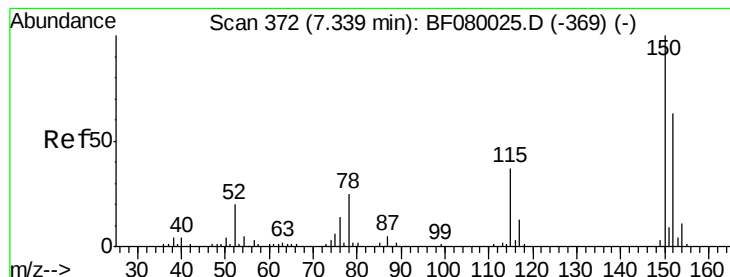
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.59	196	56873	39.69	ng	100
43) 2,4,5-Trichlorophenol	9.64	196	66175	40.08	ng #	94
45) 1,1'-Biphenyl	9.78	154	257594	43.75	ng	95
46) 2-Chloronaphthalene	9.82	162	192079	40.21	ng	99
47) 2-Nitroaniline	9.90	65	58185	44.37	ng #	80
48) Acenaphthylene	10.24	152	308741	38.72	ng	98
49) Dimethylphthalate	10.07	163	241643	44.41	ng #	98
50) 2,6-Dinitrotoluene	10.14	165	48028	44.03	ng	93
51) Acenaphthene	10.41	154	203275	41.67	ng	98
52) 3-Nitroaniline	10.31	138	38088	30.27	ng #	88
53) 2,4-Dinitrophenol	10.41	184	39311	87.93	ng #	1
54) Dibenzofuran	10.58	168	286596	41.40	ng	94
55) 4-Nitrophenol	10.45	139	75909	75.46	ng #	32
56) 2,4-Dinitrotoluene	10.54	165	59061	42.67	ng #	52
57) Fluorene	10.93	166	234685	42.73	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.70	232	56149	40.29	ng	94
59) Diethylphthalate	10.78	149	237504	43.35	ng	97
60) 4-Chlorophenyl-phenylether	10.92	204	109489	41.48	ng	91
61) 4-Nitroaniline	10.92	138	46345	35.66	ng #	32
62) Azobenzene	11.08	77	219221	39.31	ng	94
64) 4,6-Dinitro-2-methylphenol	10.96	198	27071	40.13	ng #	64
65) n-Nitrosodiphenylamine	11.03	169	186665	40.07	ng	93
66) 4-Bromophenyl-phenylether	11.41	248	64105	42.14	ng #	91
67) Hexachlorobenzene	11.49	284	67867	40.14	ng #	77
68) Atrazine	11.54	200	58799	39.95	ng	82
69) Pentachlorophenol	11.68	266	74706	77.98	ng	98
70) Phenanthrene	11.91	178	333692	38.52	ng	97
71) Anthracene	11.97	178	350898	42.07	ng	98
72) Carbazole	12.12	167	293791	36.90	ng	95
73) Di-n-butylphthalate	12.46	149	382192	41.54	ng #	99
74) Fluoranthene	13.20	202	355721	38.56	ng	94
76) Benzidine	13.33	184	210838	52.36	ng	98
77) Pyrene	13.48	202	386600	43.59	ng	97
79) Butylbenzylphthalate	14.20	149	161502	45.35	ng	92
80) Benzo(a)anthracene	14.94	228	354660	40.42	ng	97
81) 3,3'-Dichlorobenzidine	14.88	252	77453	25.59	ng #	92
82) Chrysene	14.99	228	328621	40.61	ng	94
83) Bis(2-ethylhexyl)phthalate	14.92	149	239934	42.63	ng #	92
84) Di-n-octyl phthalate	15.76	149	408707	42.37	ng	95
85) Indeno(1,2,3-cd)pyrene	18.73	276	354605	34.75	ng #	88
87) Benzo(b)fluoranthene	16.33	252	335761	39.68	ng #	88
88) Benzo(k)fluoranthene	16.37	252	327009	37.95	ng #	90
89) Benzo(a)pyrene	16.80	252	319518	39.76	ng #	86
90) Dibenzo(a,h)anthracene	18.76	278	294147	35.76	ng #	81
91) Benzo(g,h,i)perylene	19.28	276	300538	36.19	ng #	78

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 370

Delta R.T. 0.00 min

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PB84172BS

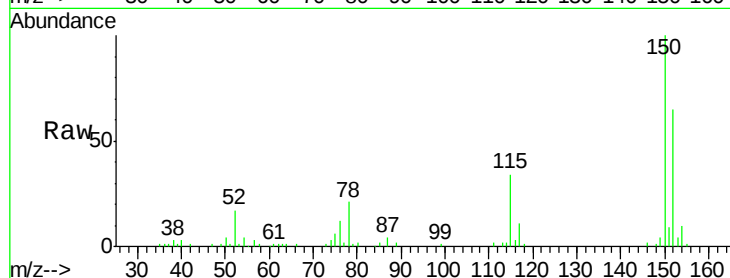
Tgt Ion:152 Resp: 36770

Ion Ratio Lower Upper

152 100

150 154.9 124.7 187.1

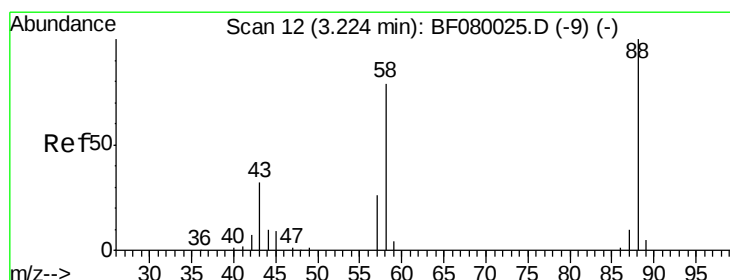
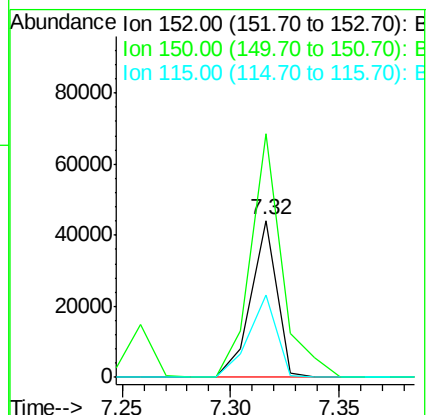
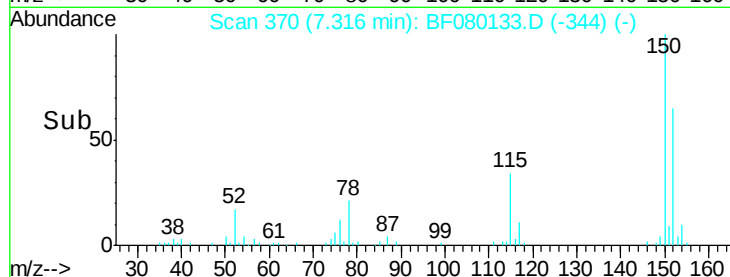
115 52.2 39.0 58.4



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: 31.69 ng

RT: 3.20 min Scan# 10

Delta R.T. 0.02 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

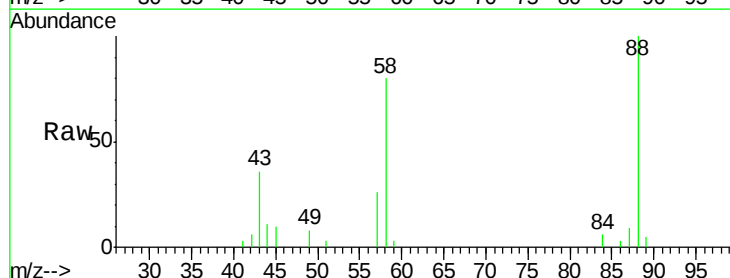
Tgt Ion: 88 Resp: 31284

Ion Ratio Lower Upper

88 100

58 87.5 77.7 116.5

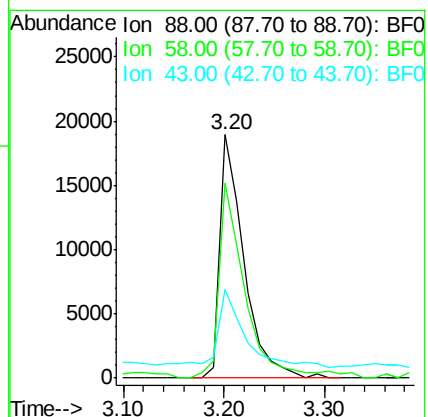
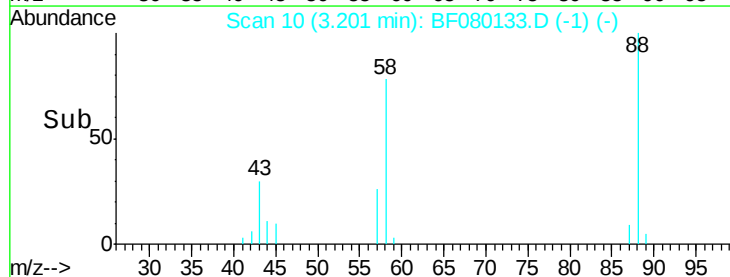
43 34.9 26.6 40.0

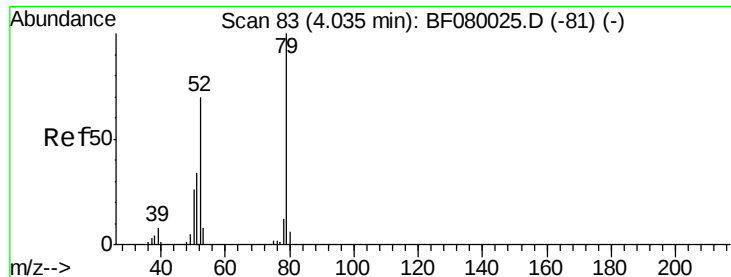


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.79 ng

RT: 4.01 min Scan# 81

Delta R.T. 0.01 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_F

ClientSampleId :

PB84172BS

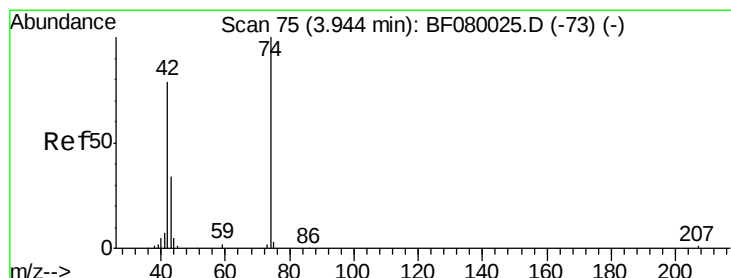
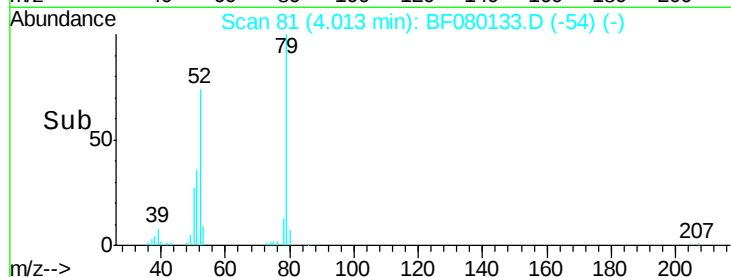
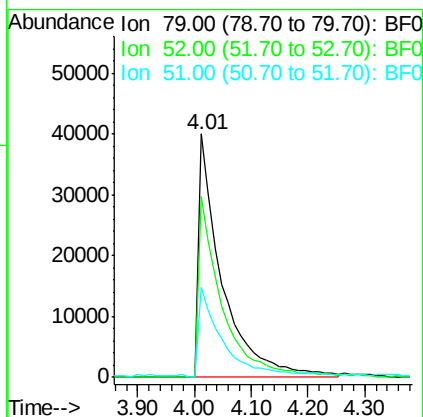
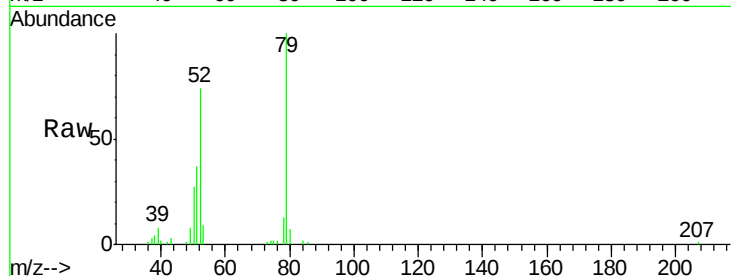
Tgt Ion: 79 Resp: 112351

Ion Ratio Lower Upper

79 100

52 74.2 76.8 115.2#

51 37.0 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 41.71 ng

RT: 3.92 min Scan# 73

Delta R.T. 0.01 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

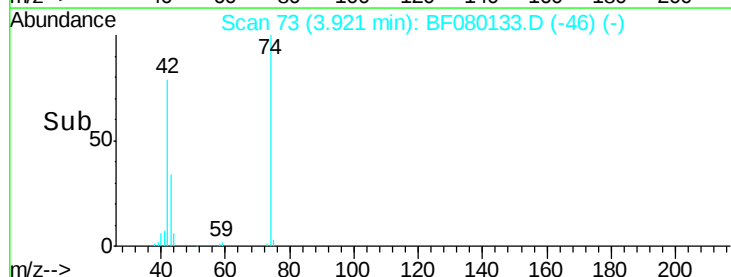
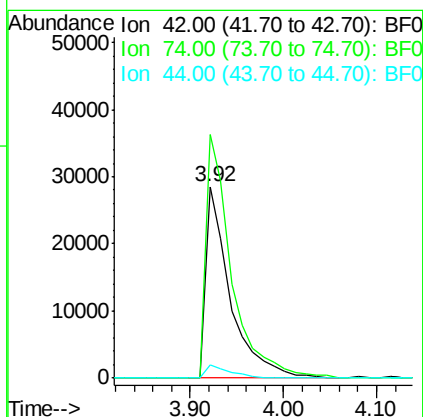
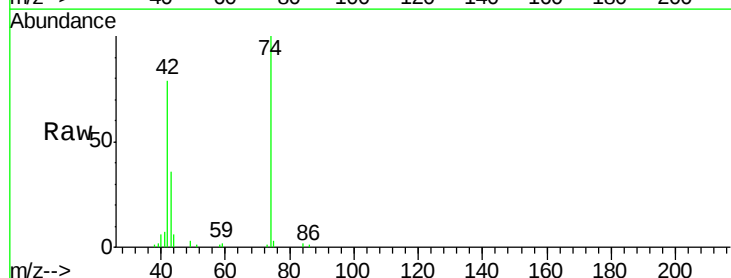
Tgt Ion: 42 Resp: 52053

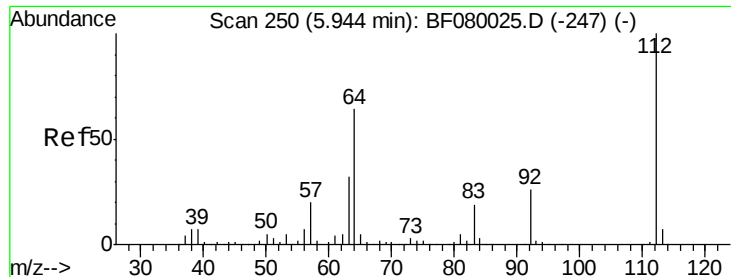
Ion Ratio Lower Upper

42 100

74 127.4 105.0 157.6

44 7.2 6.6 10.0





#5

2-Fluorophenol

Concen: 132.81 ng

RT: 5.92 min Scan# 248

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

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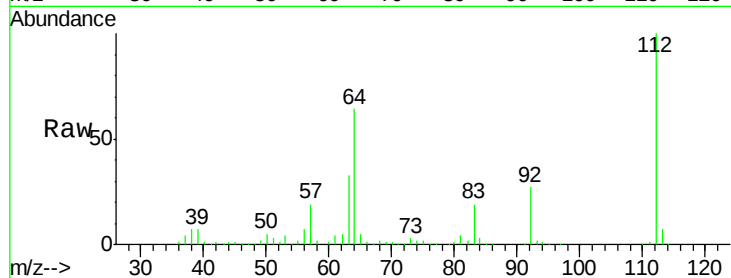
Tgt Ion: 112 Resp: 275883

Ion Ratio Lower Upper

112 100

64 64.4 39.7 59.5#

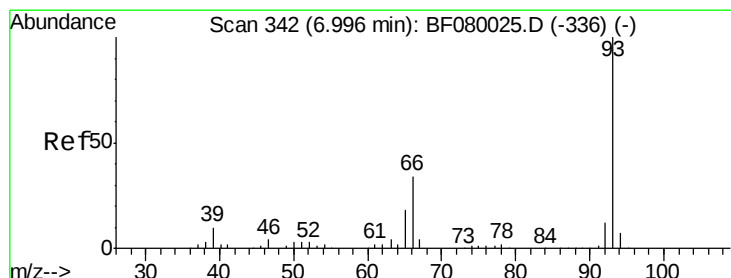
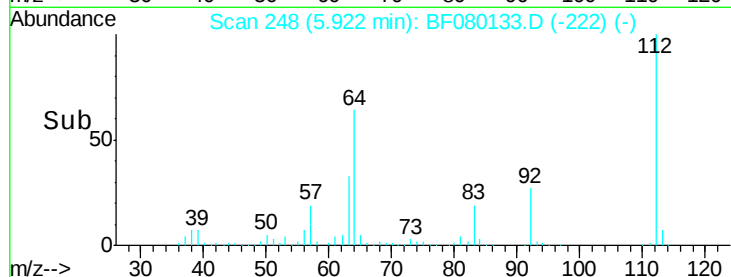
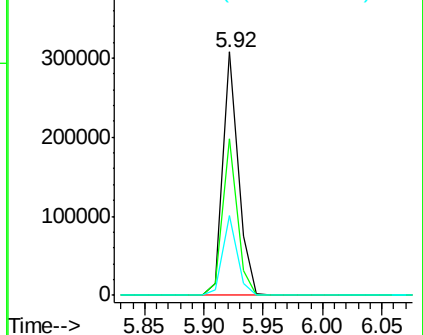
63 32.7 17.4 26.0#



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: 29.84 ng

RT: 6.97 min Scan# 340

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

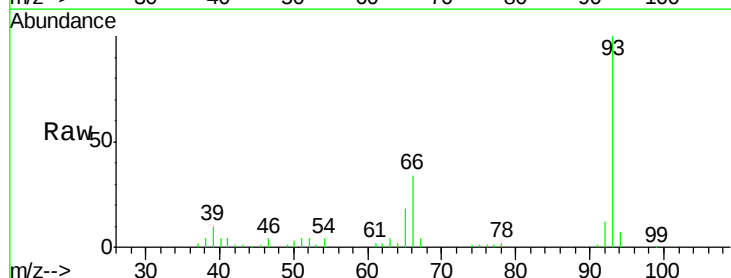
Tgt Ion: 93 Resp: 113464

Ion Ratio Lower Upper

93 100

66 34.3 27.2 40.8

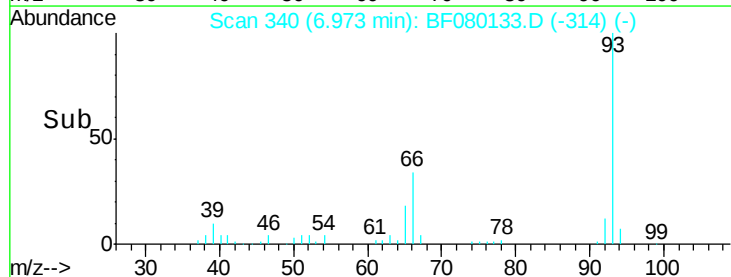
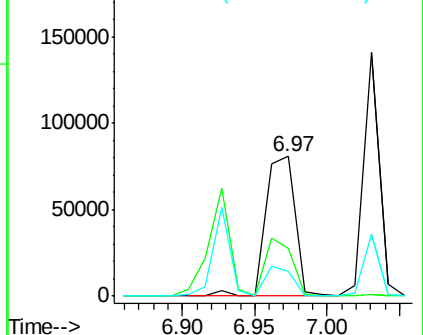
65 17.7 14.7 22.1

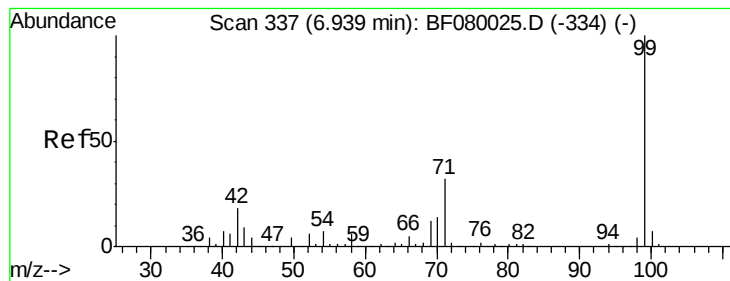


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.39 ng

RT: 6.92 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF080133.D

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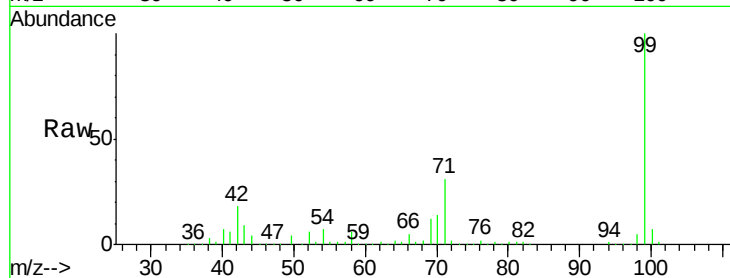
Tgt Ion: 99 Resp: 374226

Ion Ratio Lower Upper

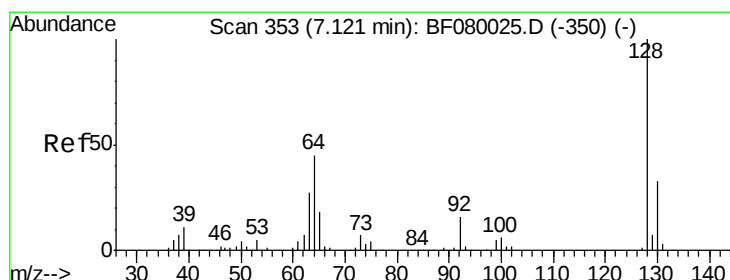
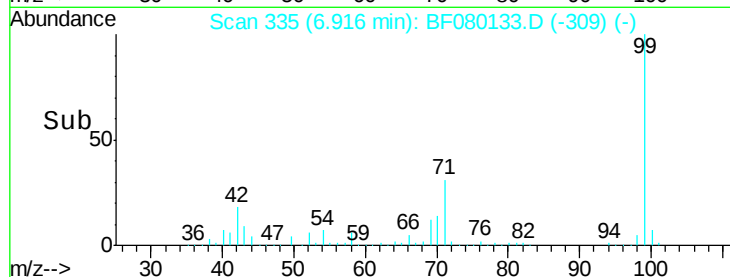
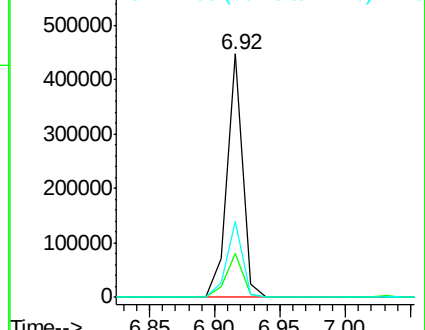
99 100

42 17.8 13.7 20.5

71 31.1 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: 41.85 ng

RT: 7.10 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF080133.D

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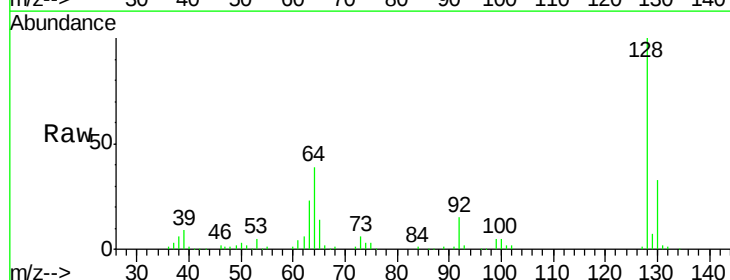
Tgt Ion: 128 Resp: 100478

Ion Ratio Lower Upper

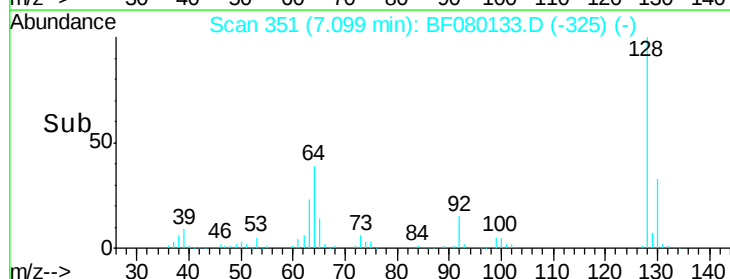
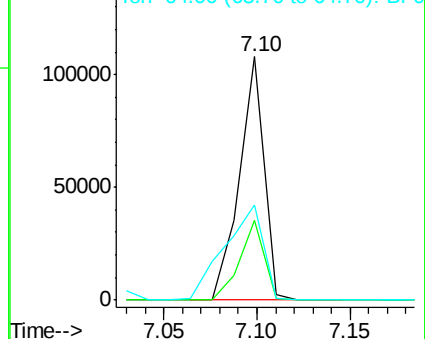
128 100

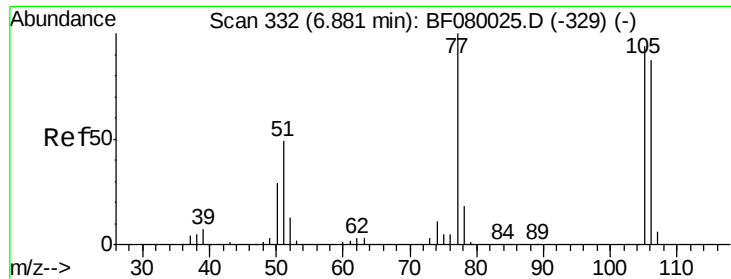
130 32.5 12.2 52.2

64 39.0 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: 35.90 ng

RT: 6.86 min Scan# 330

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

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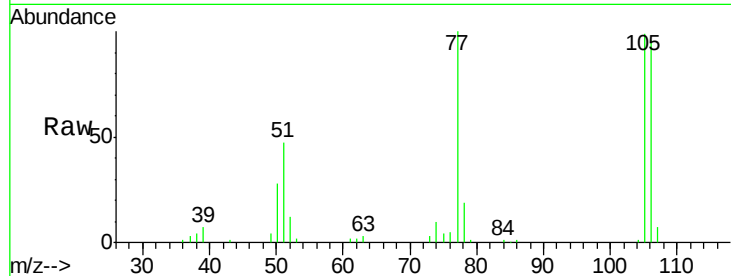
Tgt Ion: 77 Resp: 57279

Ion Ratio Lower Upper

77 100

105 98.7 91.6 131.6

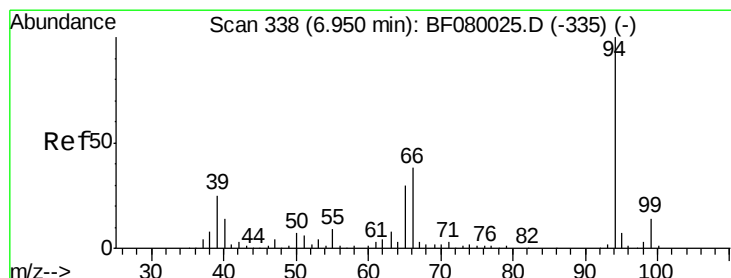
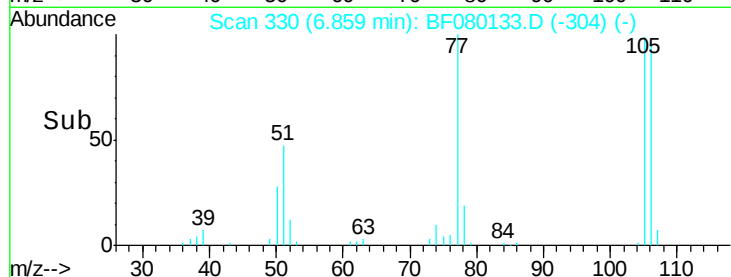
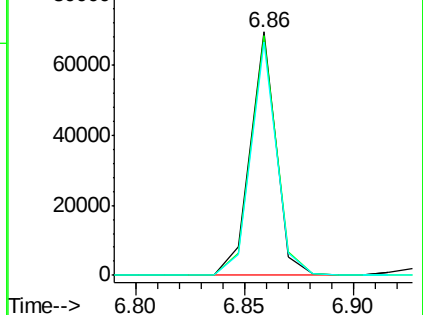
106 95.9 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 47.98 ng

RT: 6.93 min Scan# 336

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

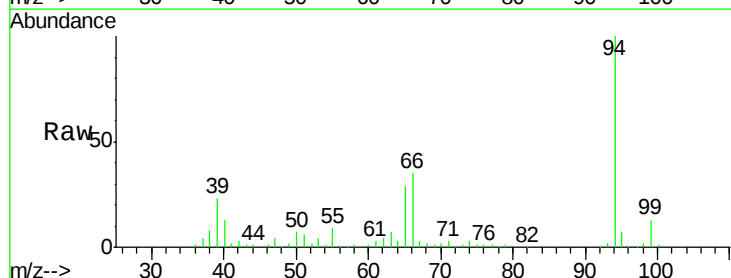
Tgt Ion: 94 Resp: 144724

Ion Ratio Lower Upper

94 100

65 28.7 0.7 40.7

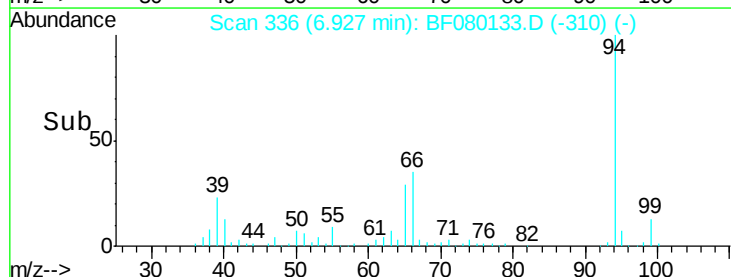
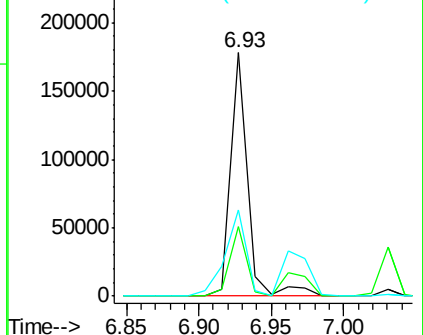
66 35.3 0.8 40.8

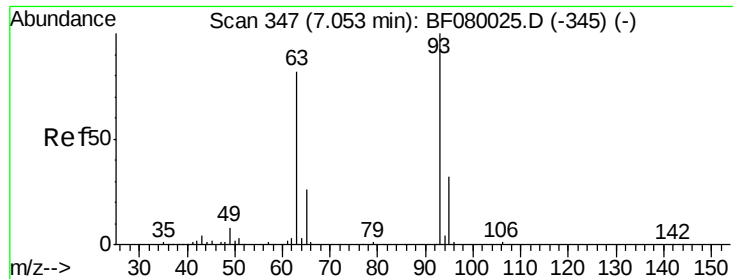


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

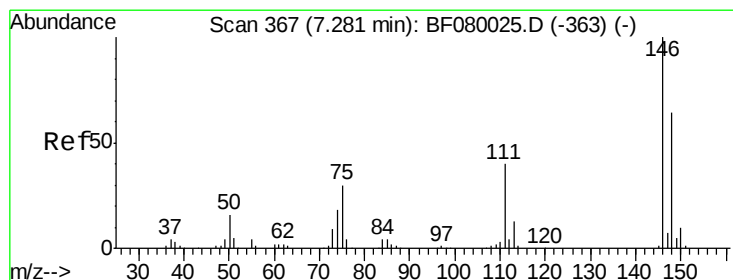
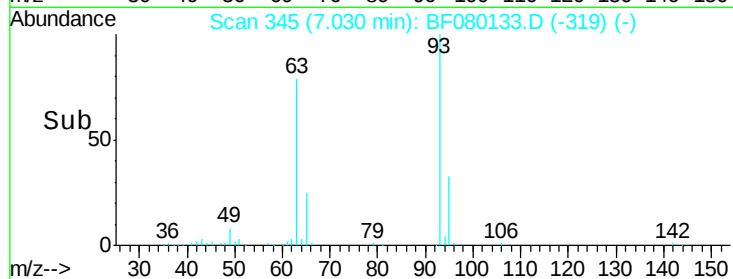
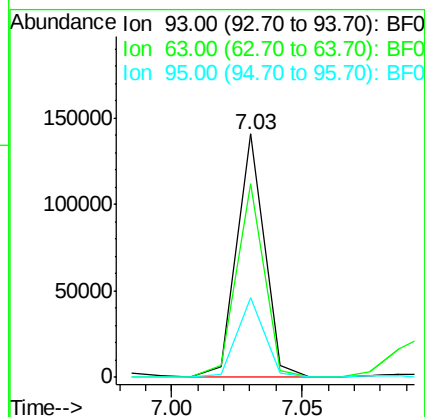
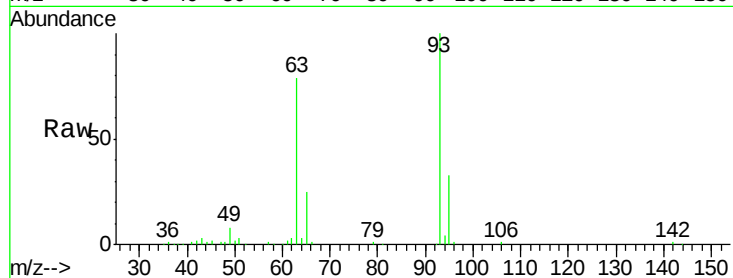




#11
 bis(2-Chloroethyl)ether
 Concen: 44.31 ng
 RT: 7.03 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

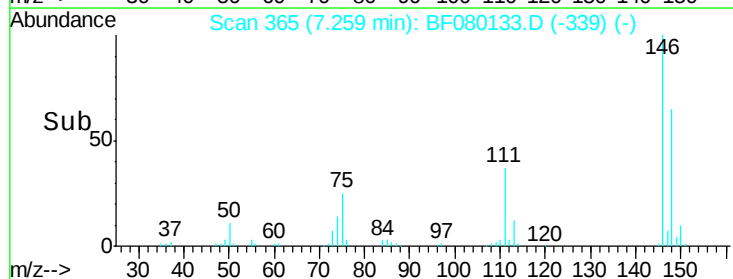
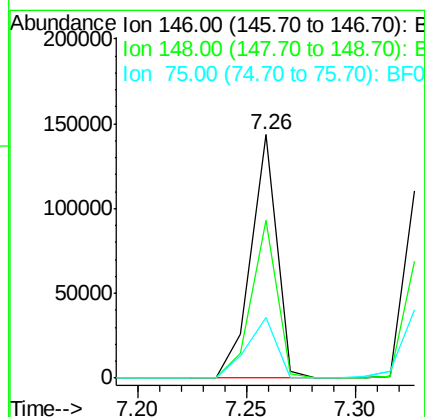
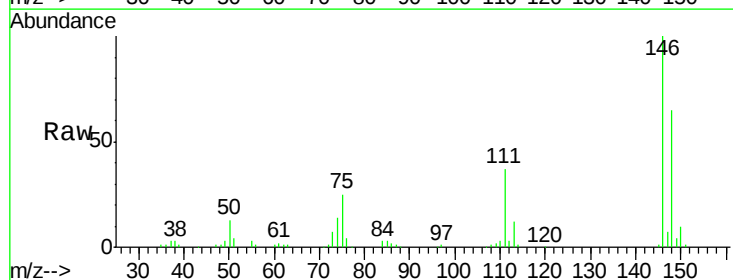
Instrument :
 BNA_F
 ClientSampleId :
 PB84172BS

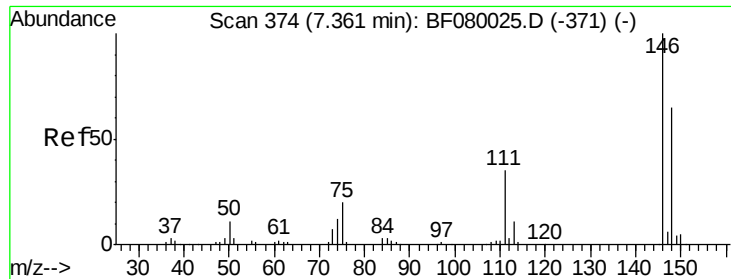
Tgt Ion: 93 Resp: 106034
 Ion Ratio Lower Upper
 93 100
 63 79.4 65.6 105.6
 95 32.9 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 41.25 ng
 RT: 7.26 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Tgt Ion: 146 Resp: 118967
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.0 76.4
 75 24.9 15.0 22.6#

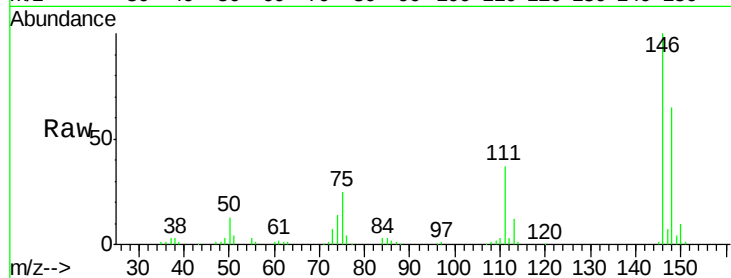




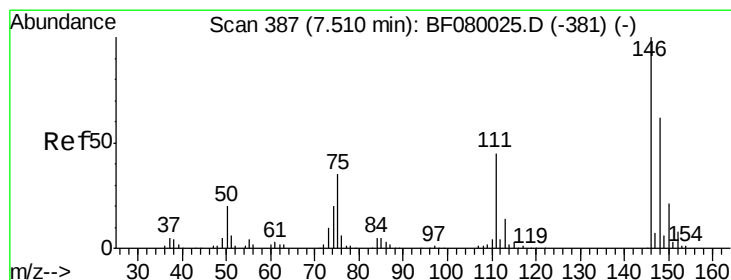
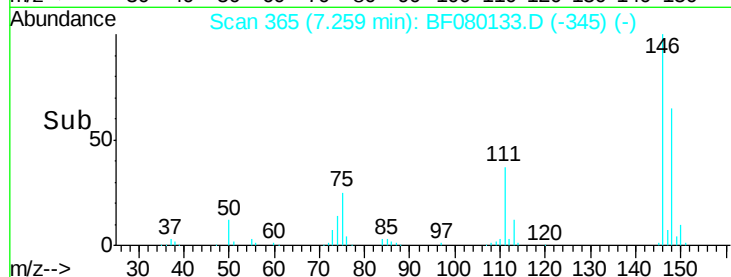
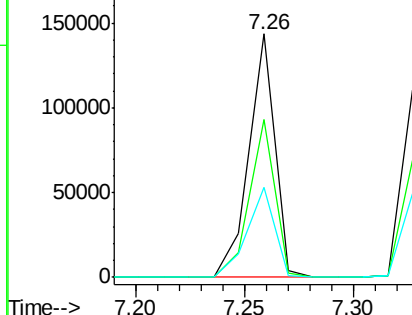
#13
 1,4-Dichlorobenzene
 Concen: 43.37 ng
 RT: 7.26 min Scan# 365
 Delta R.T. -0.07 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB84172BS

Tgt Ion:146 Resp: 118967
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.6
 111 36.8 24.9 37.3

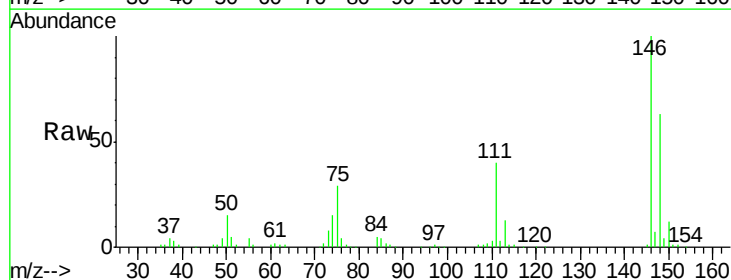


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

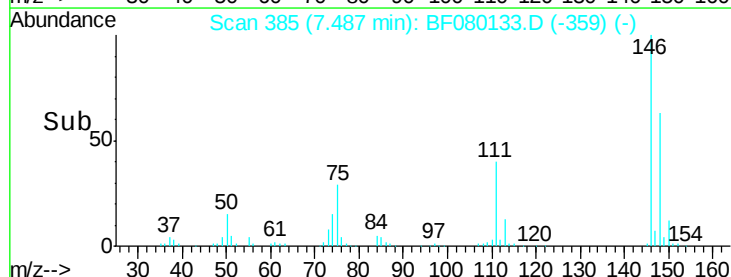
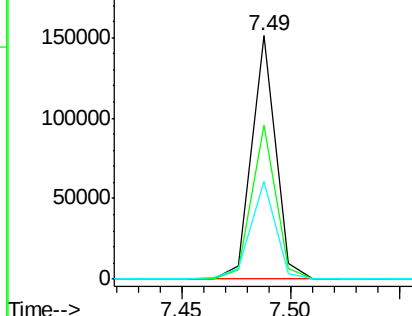


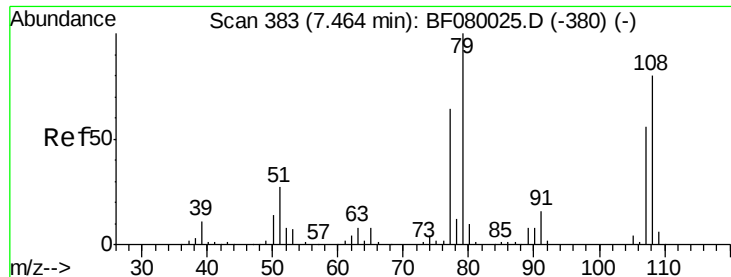
#14
 1,2-Dichlorobenzene
 Concen: 43.54 ng
 RT: 7.49 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Tgt Ion:146 Resp: 116212
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.7 79.1
 111 40.2 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: 39.39 ng

RT: 7.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_F

ClientSampleId :

PB84172BS

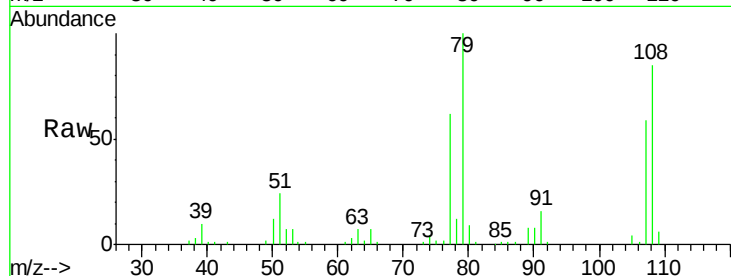
Tgt Ion: 79 Resp: 89024

Ion Ratio Lower Upper

79 100

108 84.6 88.6 132.8#

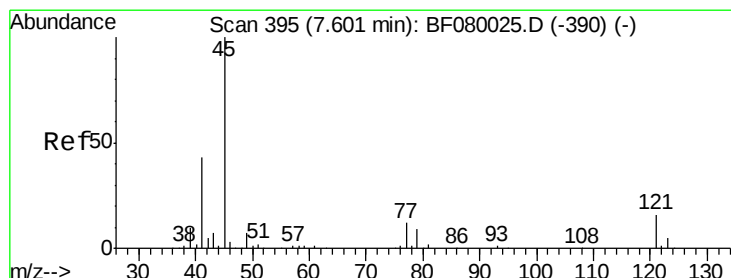
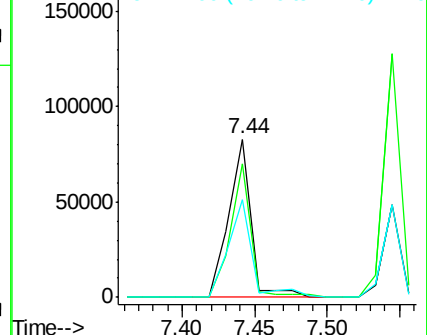
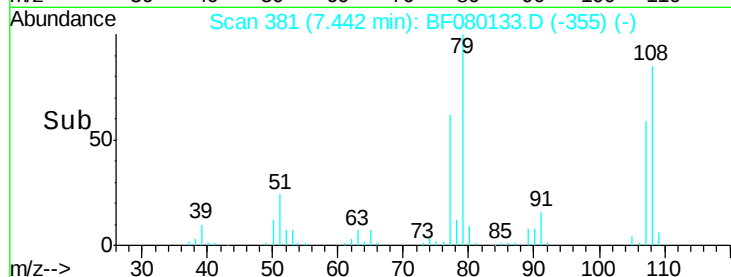
77 62.1 47.0 70.4



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: 43.81 ng

RT: 7.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

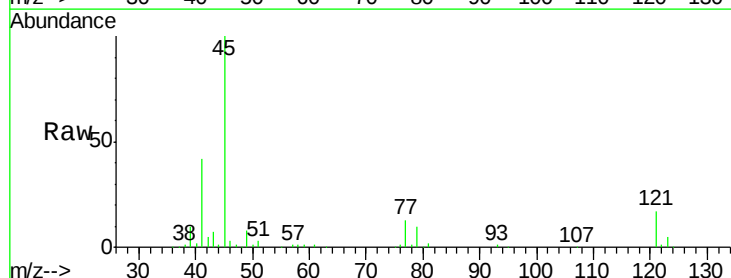
Tgt Ion: 45 Resp: 155641

Ion Ratio Lower Upper

45 100

77 12.8 0.0 28.1

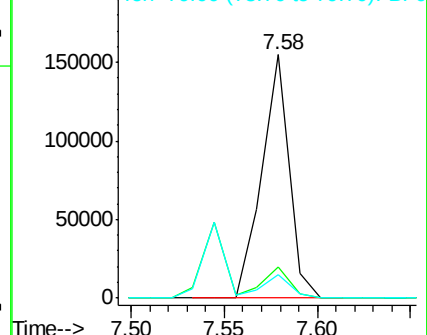
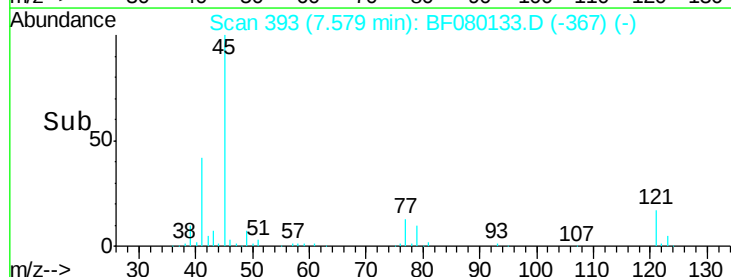
79 9.8 0.0 26.0

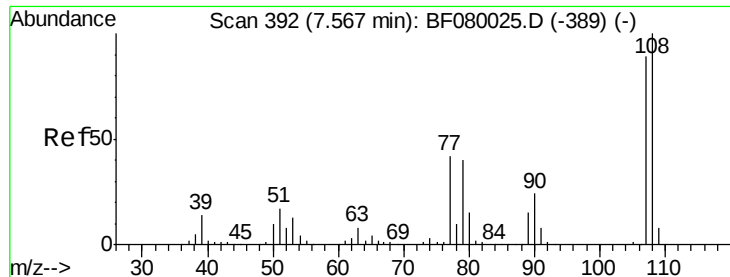


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

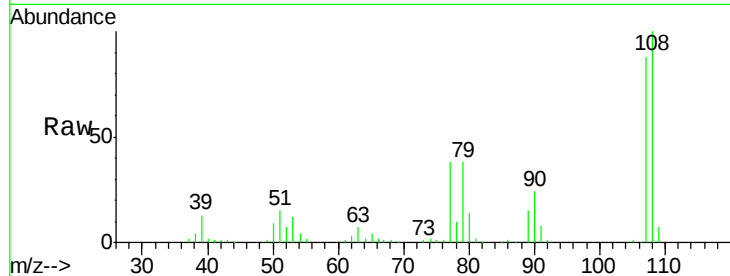




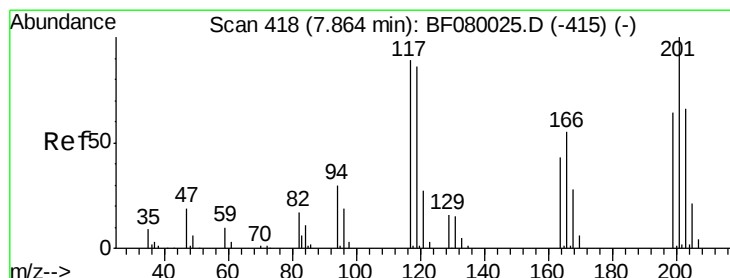
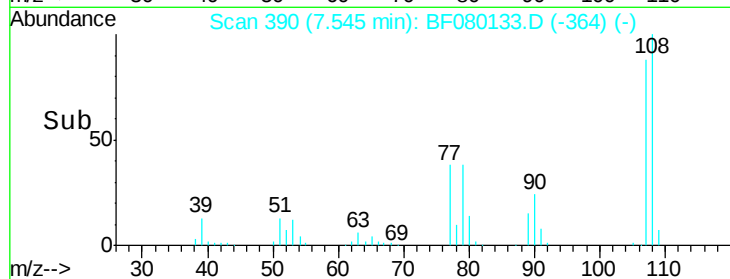
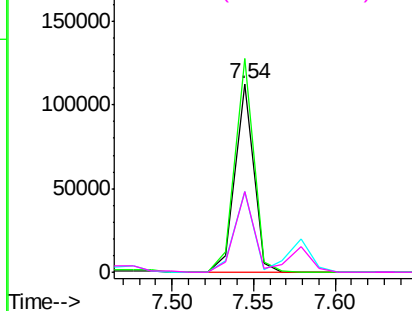
#17
2-Methylphenol
Concen: 43.19 ng
RT: 7.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF080133.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_F
ClientSampleId :
PB84172BS

Tgt Ion:107 Resp: 88567
Ion Ratio Lower Upper
107 100
108 113.3 96.6 145.0
77 43.1 23.3 34.9#
79 43.0 22.0 33.0#

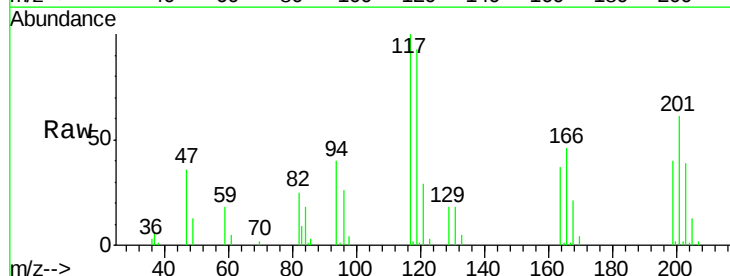


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

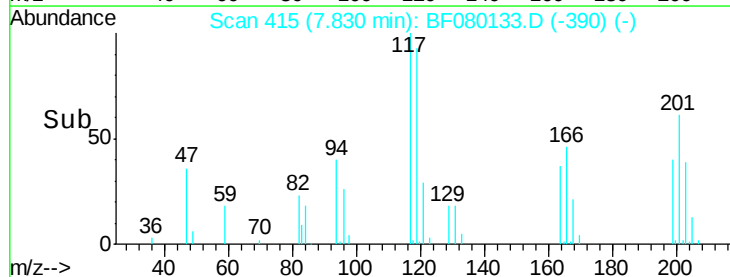
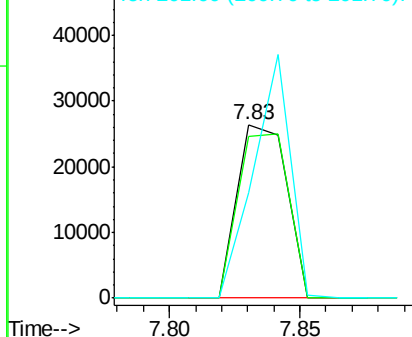


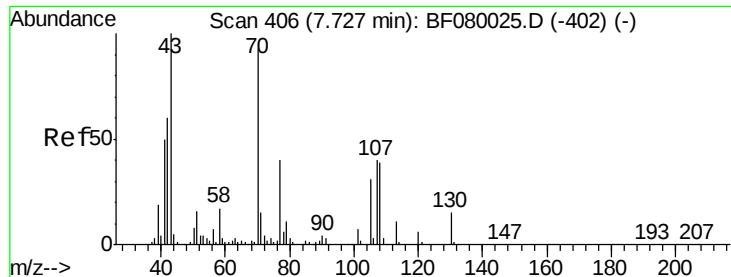
#18
Hexachloroethane
Concen: 38.50 ng
RT: 7.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF080133.D
Acq: 24 Jun 2015 15:43

Tgt Ion:117 Resp: 35157
Ion Ratio Lower Upper
117 100
119 92.7 83.8 125.6
201 60.8 55.1 82.7



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

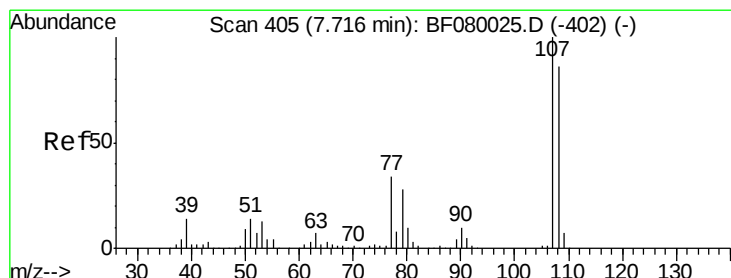
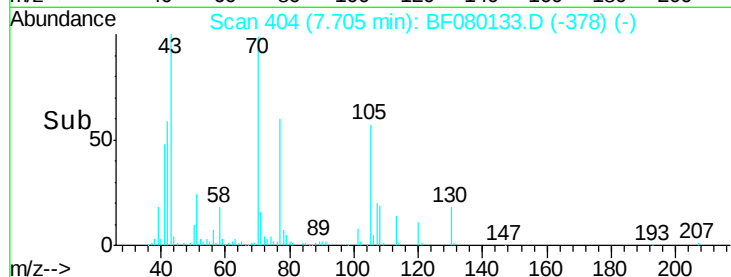
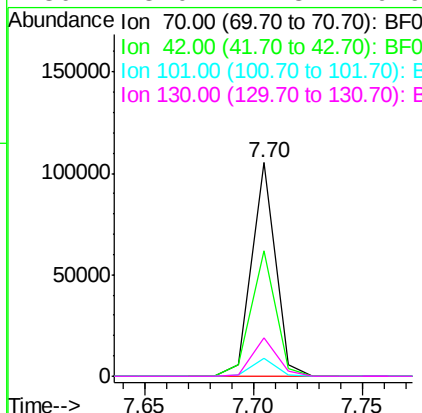
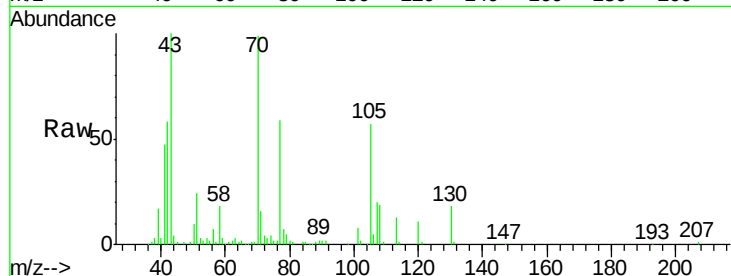




#19
n-Nitroso-di-n-propylamine
Concen: 41.78 ng
RT: 7.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF080133.D
Acq: 24 Jun 2015 15:43

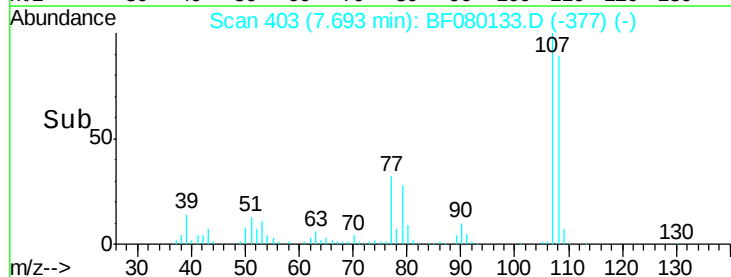
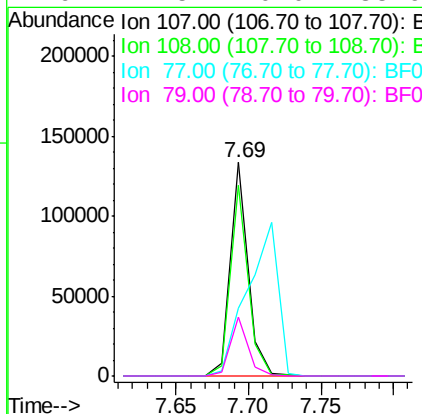
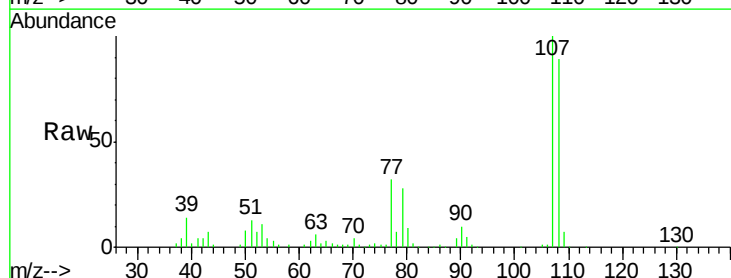
Instrument :
BNA_F
ClientSampleId :
PB84172BS

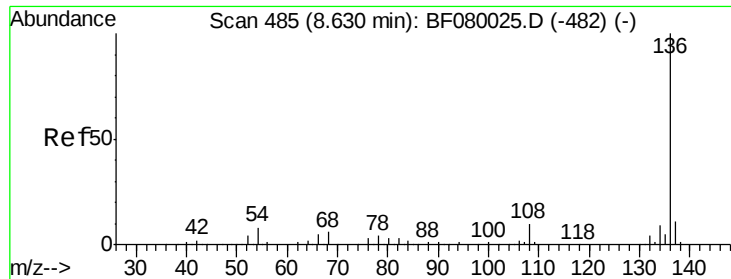
Tgt Ion: 70 Resp: 80189
Ion Ratio Lower Upper
70 100
42 59.0 63.8 95.6#
101 8.5 9.2 13.8#
130 18.0 27.3 40.9#



#20
3+4-Methylphenols
Concen: 42.88 ng
RT: 7.69 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF080133.D
Acq: 24 Jun 2015 15:43

Tgt Ion: 107 Resp: 113482
Ion Ratio Lower Upper
107 100
108 89.1 74.6 114.6
77 31.6 0.7 40.7
79 27.5 0.0 38.9

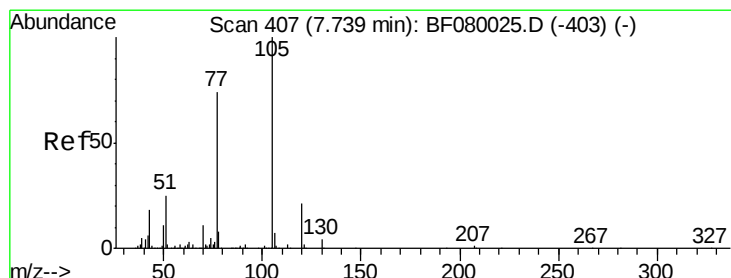
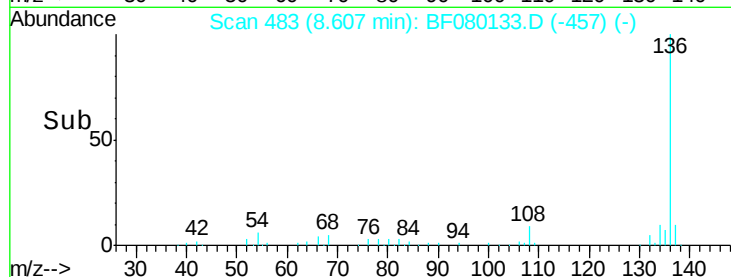
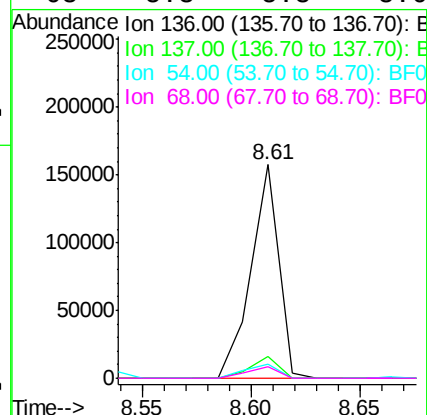
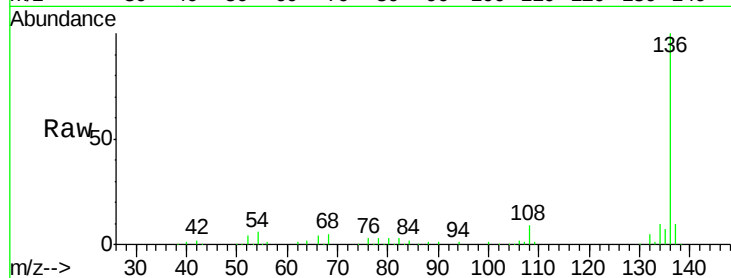




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080133.D
Acq: 24 Jun 2015 15:43

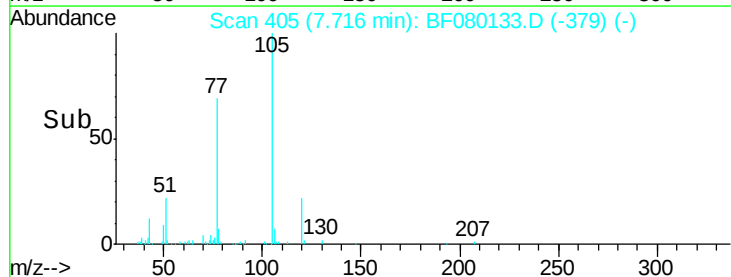
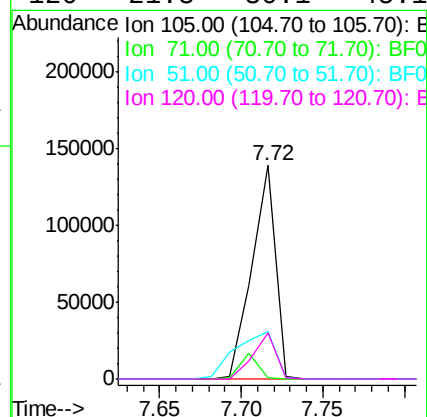
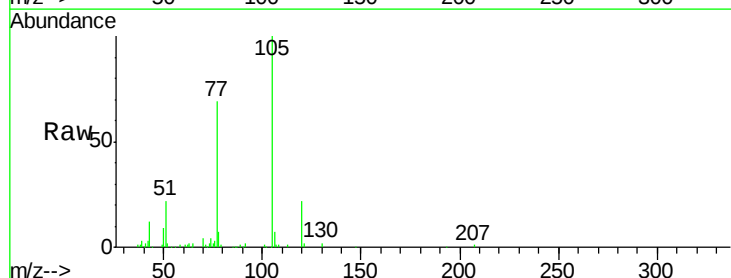
Instrument :
BNA_F
ClientSampleId :
PB84172BS

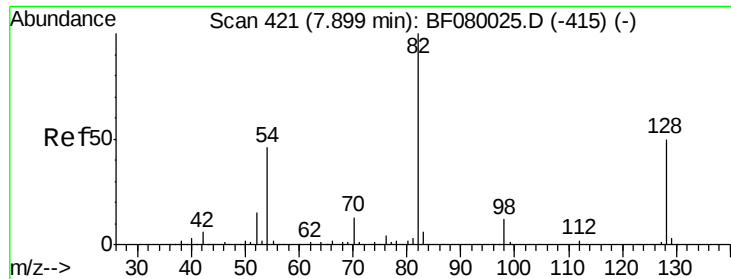
Tgt Ion:	136	Resp:	139039
Ion Ratio	Lower	Upper	
136	100		
137	10.2	9.0	13.6
54	6.5	8.2	12.2#
68	5.3	5.8	8.6#



#22
Acetophenone
Concen: 43.01 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080133.D
Acq: 24 Jun 2015 15:43

Tgt Ion:	105	Resp:	139356
Ion Ratio	Lower	Upper	
105	100		
71	0.6	4.7	7.1#
51	22.2	22.0	33.0
120	21.8	30.1	45.1#

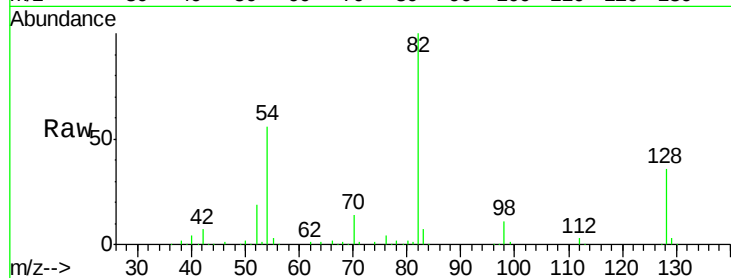




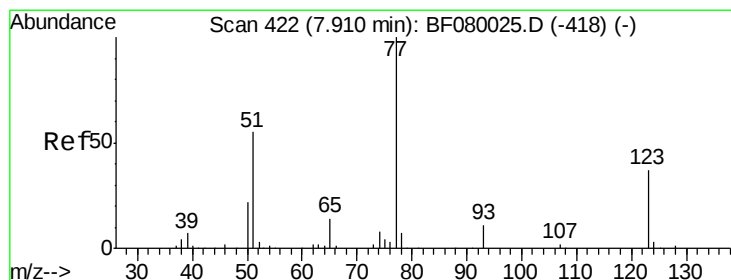
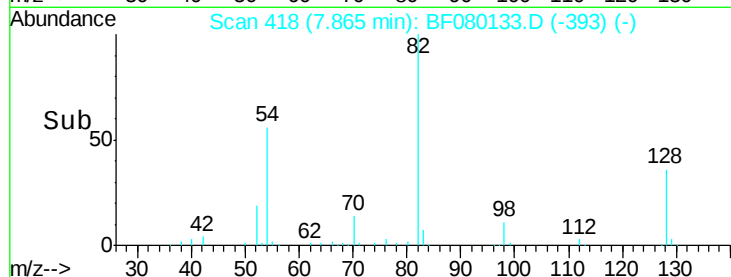
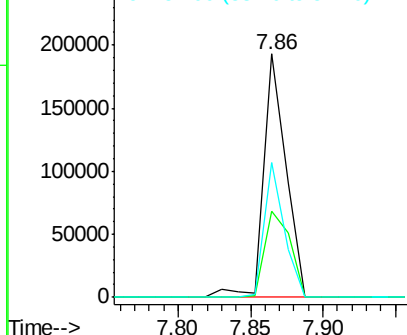
#23
 Nitrobenzene-d5
 Concen: 85.93 ng
 RT: 7.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB84172BS

Tgt Ion: 82 Resp: 205224
 Ion Ratio Lower Upper
 82 100
 128 35.7 51.0 76.6#
 54 55.6 47.5 71.3

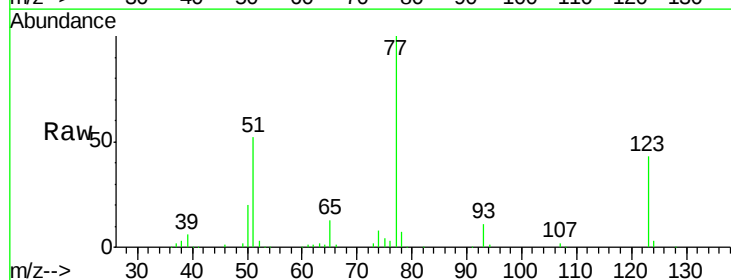


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

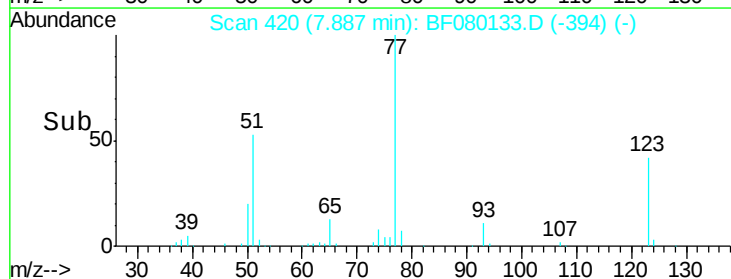
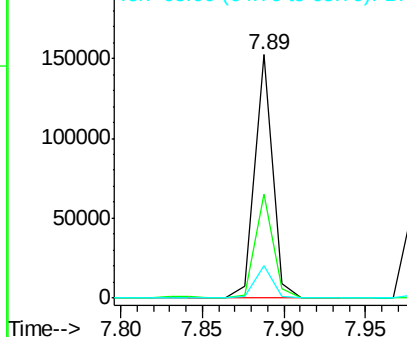


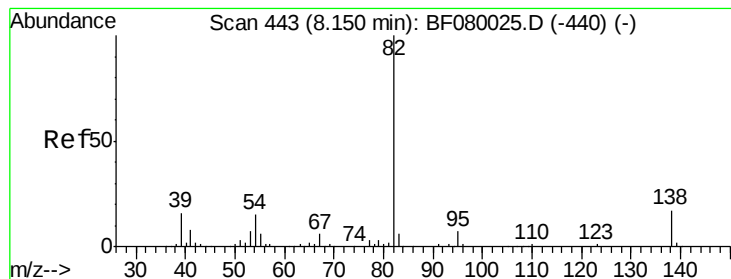
#24
 Nitrobenzene
 Concen: 47.22 ng
 RT: 7.89 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Tgt Ion: 77 Resp: 116392
 Ion Ratio Lower Upper
 77 100
 123 42.9 59.8 89.8#
 65 13.1 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: 41.22 ng

RT: 8.13 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_F

ClientSampleId :

PB84172BS

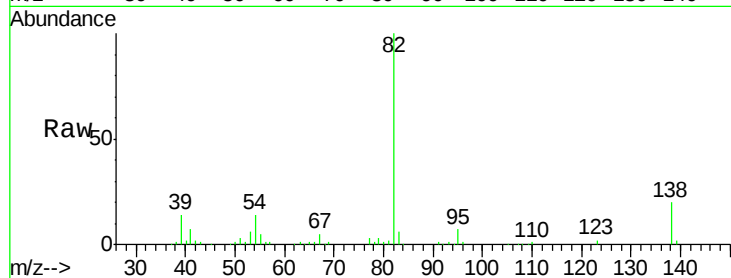
Tgt Ion: 82 Resp: 198112

Ion Ratio Lower Upper

82 100

95 6.8 4.0 6.0#

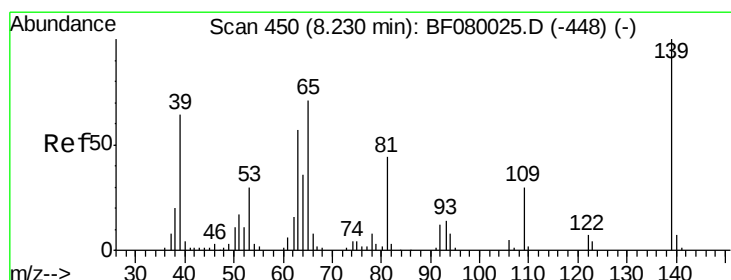
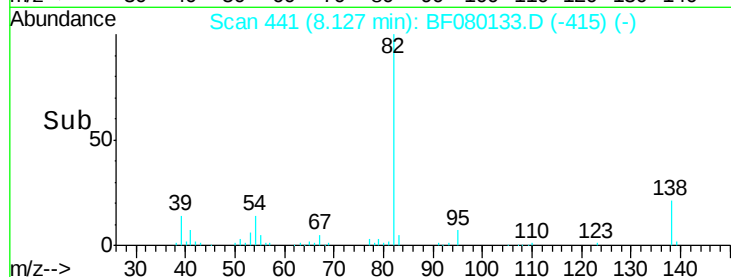
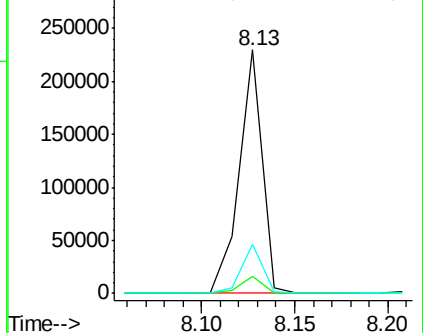
138 20.2 18.3 27.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.39 ng

RT: 8.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

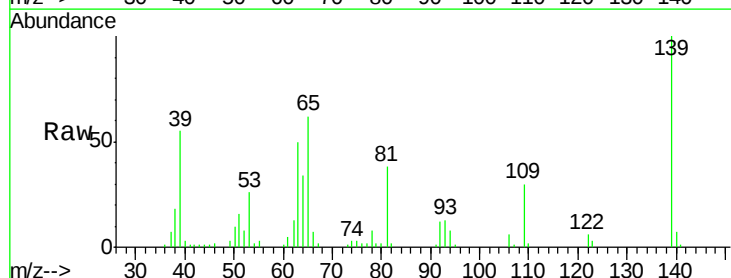
Tgt Ion: 139 Resp: 46829

Ion Ratio Lower Upper

139 100

109 29.7 11.0 16.4#

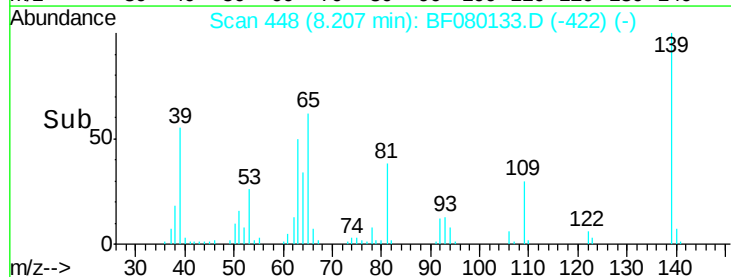
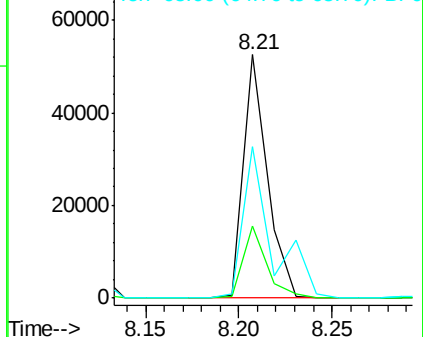
65 62.1 24.7 37.1#

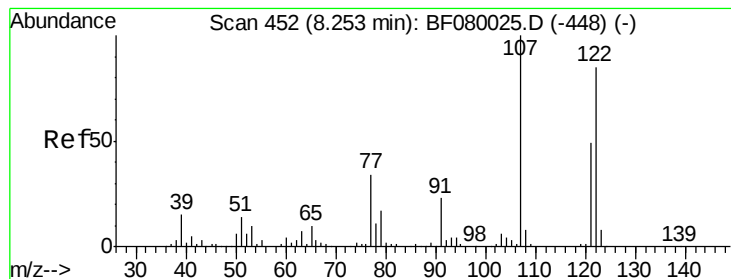


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 44.91 ng

RT: 8.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_F

ClientSampleId :

PB84172BS

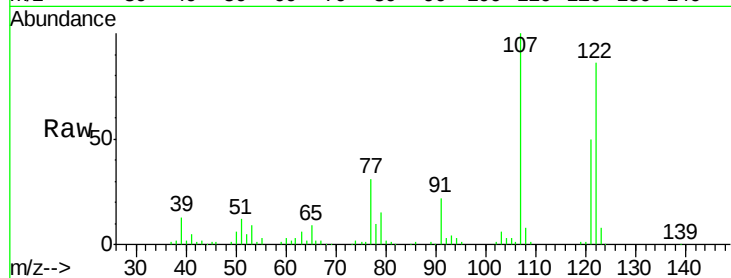
Tgt Ion:122 Resp: 96632

Ion Ratio Lower Upper

122 100

107 116.3 71.8 107.6#

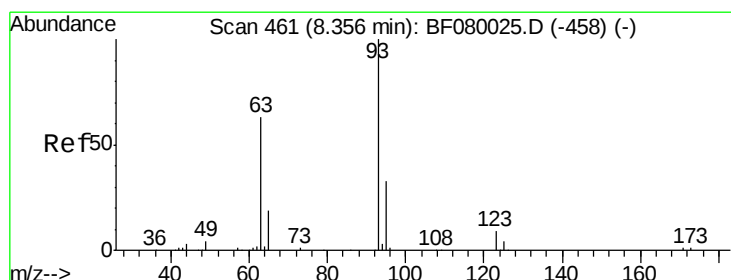
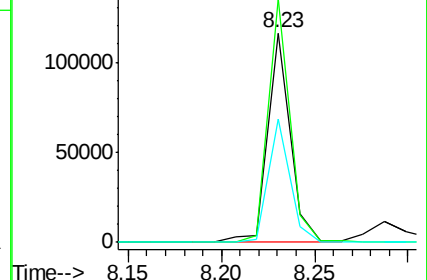
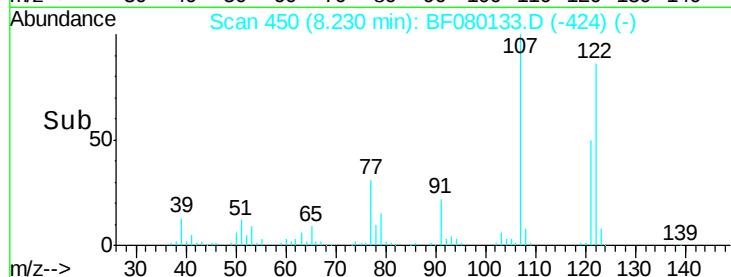
121 58.7 42.3 63.5



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: 42.00 ng

RT: 8.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

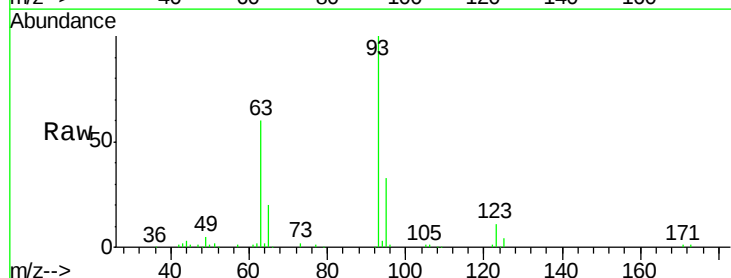
Tgt Ion: 93 Resp: 118620

Ion Ratio Lower Upper

93 100

95 33.0 27.5 41.3

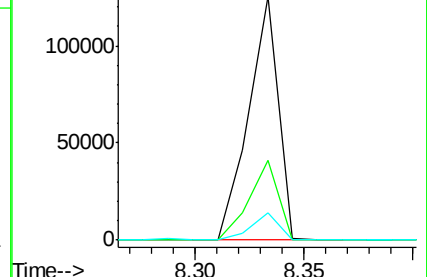
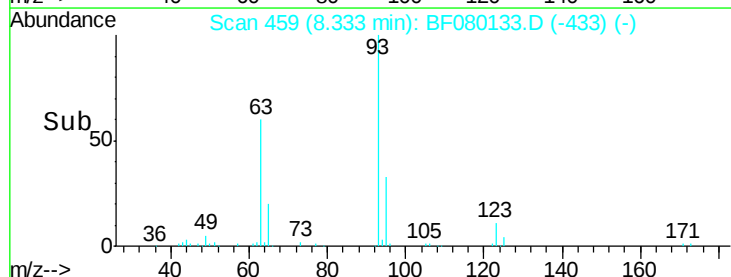
123 11.3 13.7 20.5#

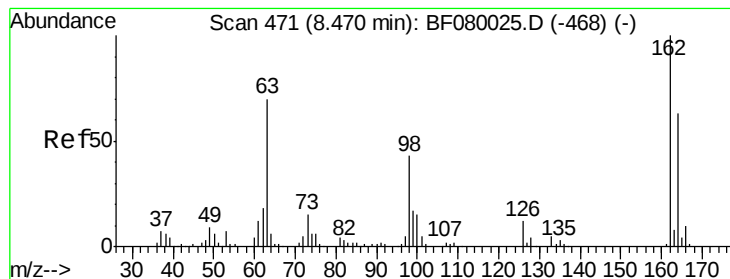


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.85 ng

RT: 8.45 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_F

ClientSampleID :

PB84172BS

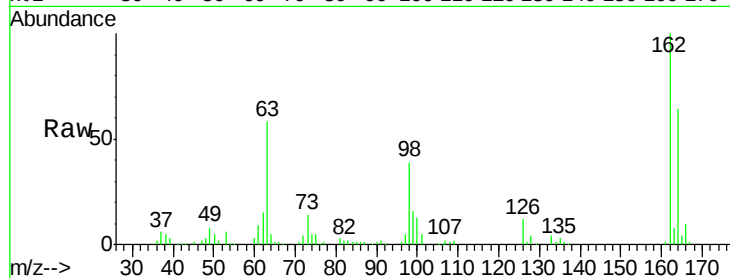
Tgt Ion:162 Resp: 90004

Ion Ratio Lower Upper

162 100

164 63.5 44.9 84.9

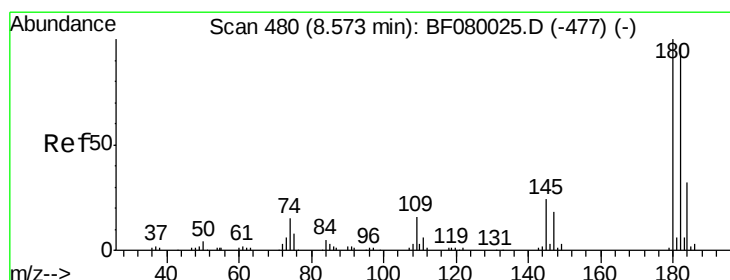
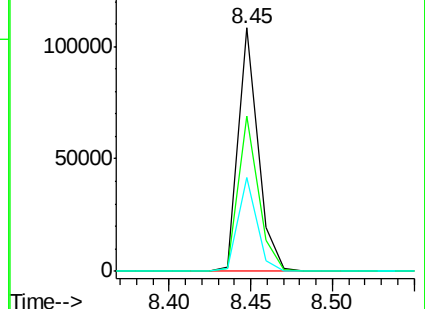
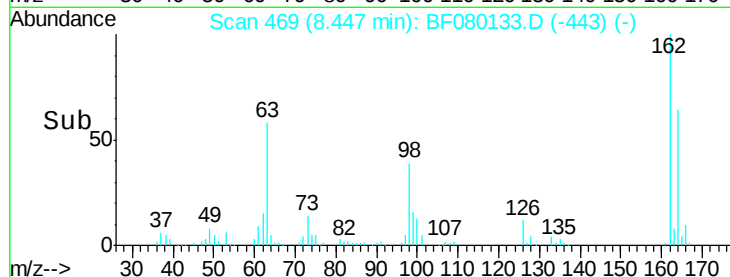
98 38.6 13.0 53.0



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: 42.50 ng

RT: 8.54 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

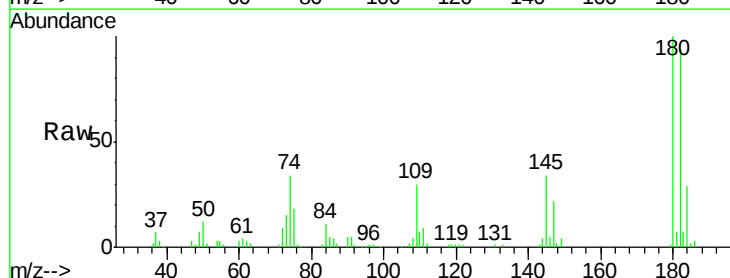
Tgt Ion:180 Resp: 88930

Ion Ratio Lower Upper

180 100

182 93.8 77.1 115.7

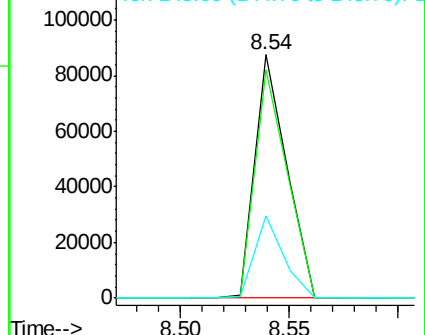
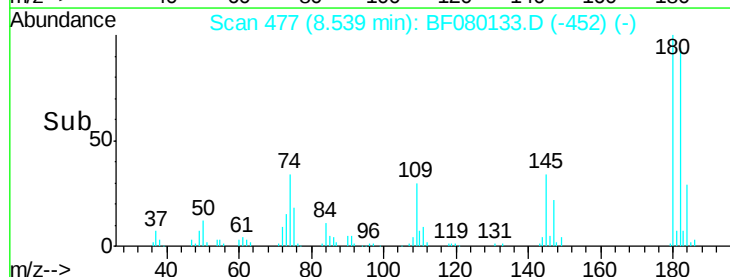
145 33.6 23.3 34.9

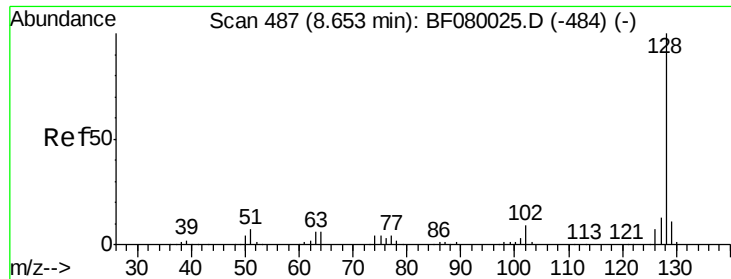


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

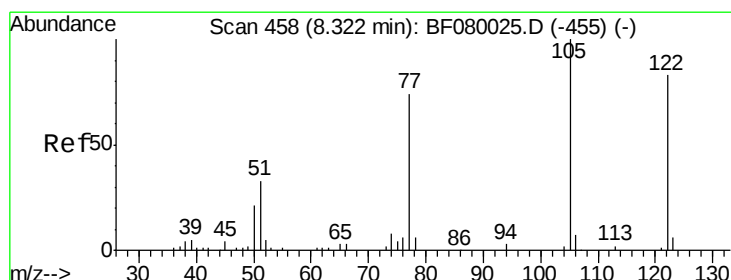
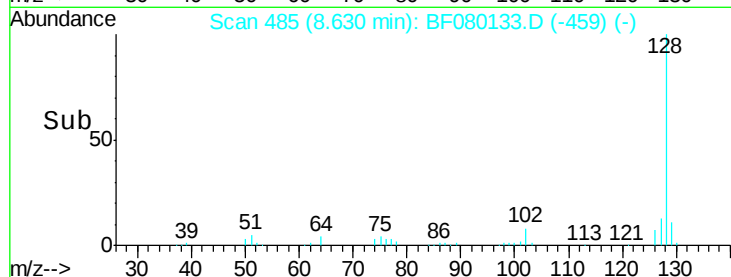
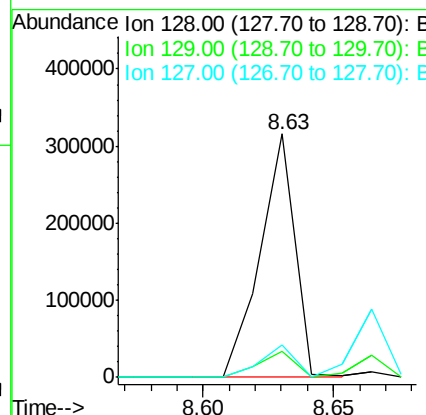
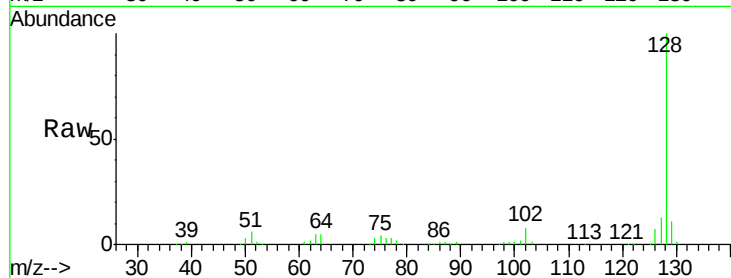




#31
Naphthalene
Concen: 40.56 ng
RT: 8.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080133.D
Acq: 24 Jun 2015 15:43

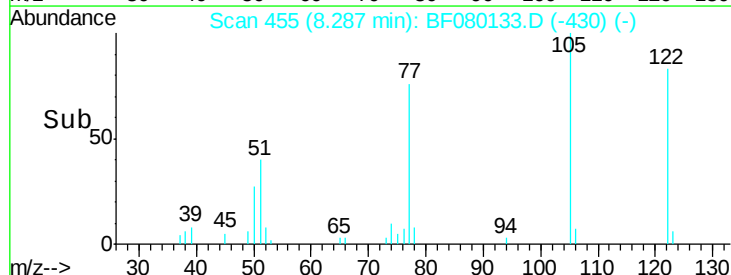
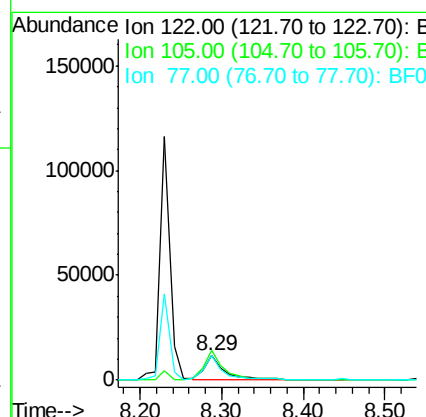
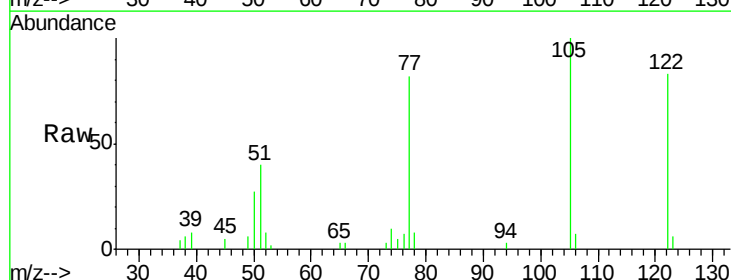
Instrument :
BNA_F
ClientSampleId :
PB84172BS

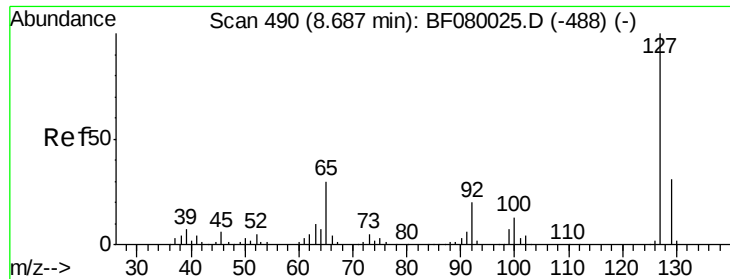
Tgt Ion:128 Resp: 294838
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.2 9.9 14.9



#32
Benzoic acid
Concen: 16.16 ng
RT: 8.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF080133.D
Acq: 24 Jun 2015 15:43

Tgt Ion:122 Resp: 21028
Ion Ratio Lower Upper
122 100
105 120.2 76.1 116.1#
77 99.2 40.5 80.5#

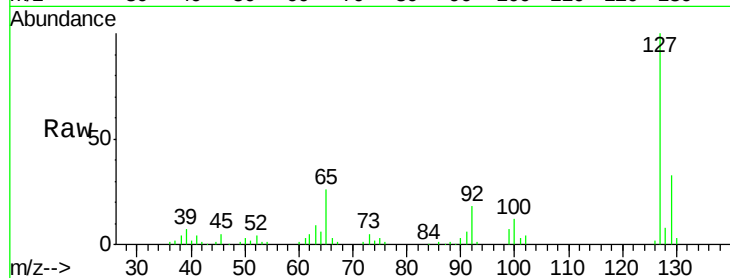




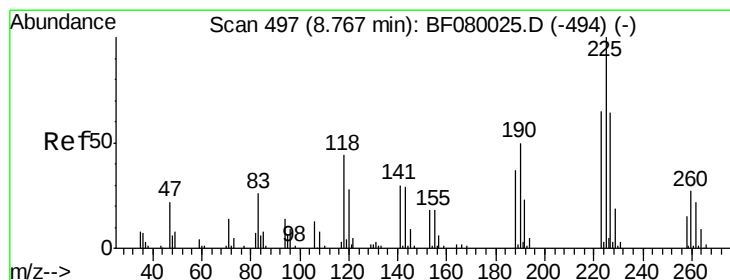
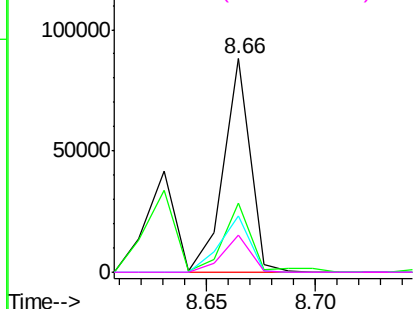
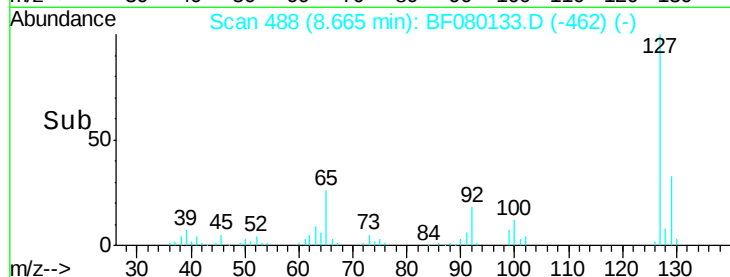
#33
 4-Chloroaniline
 Concen: 23.85 ng
 RT: 8.66 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB84172BS

Tgt Ion:	127	Resp:	74209
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	26.4	17.9	26.9
92	17.6	10.5	15.7#

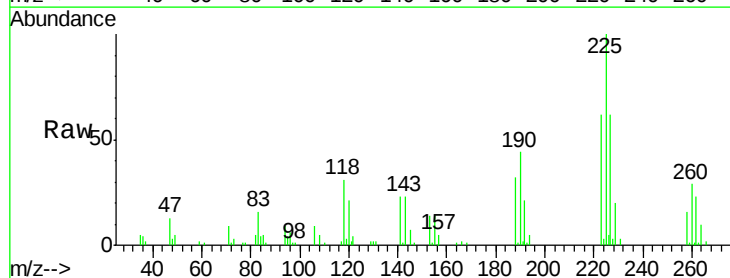


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

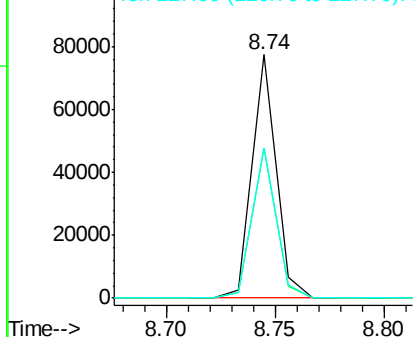
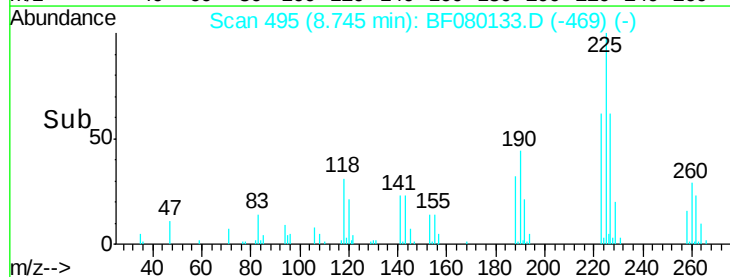


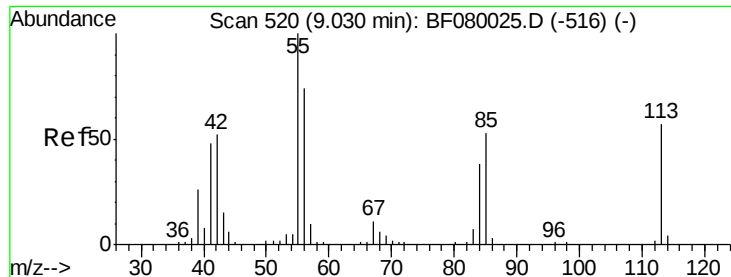
#34
 Hexachlorobutadiene
 Concen: 45.99 ng
 RT: 8.74 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Tgt Ion:	225	Resp:	59251
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.2	75.2
227	61.7	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

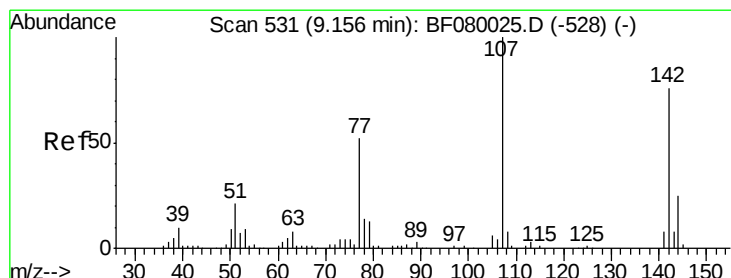
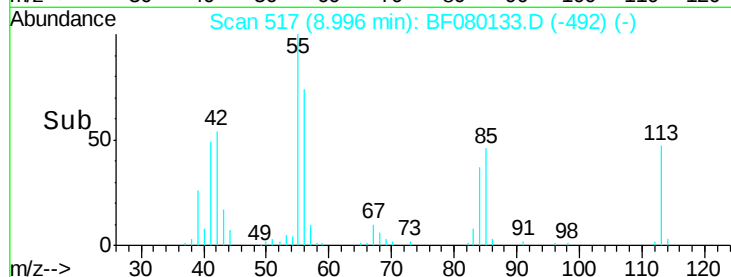
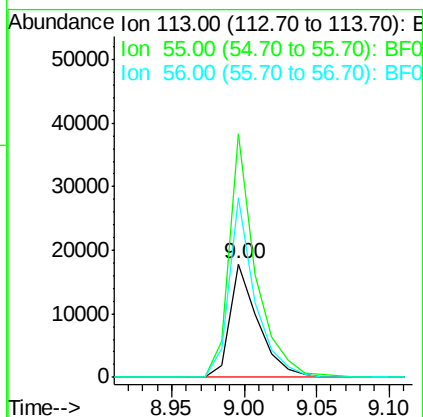
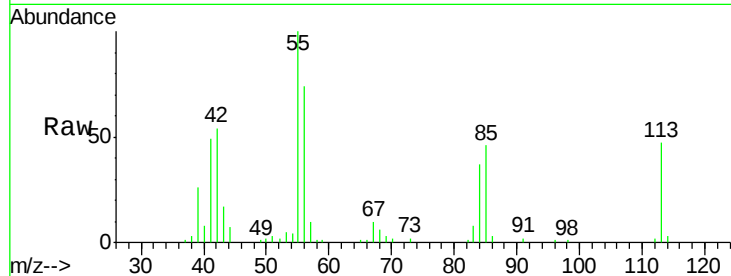




#35
 Caprolactam
 Concen: 40.46 ng
 RT: 9.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

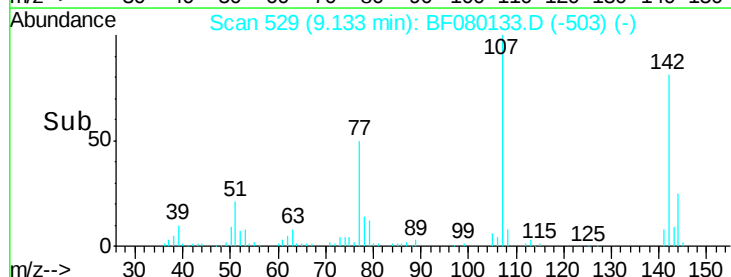
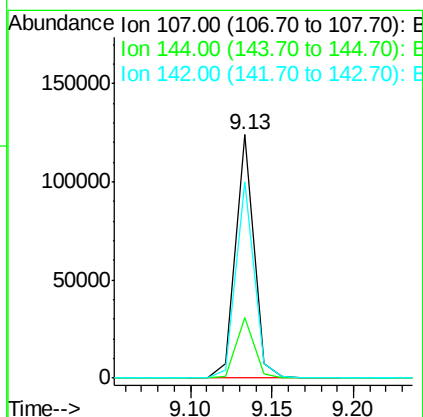
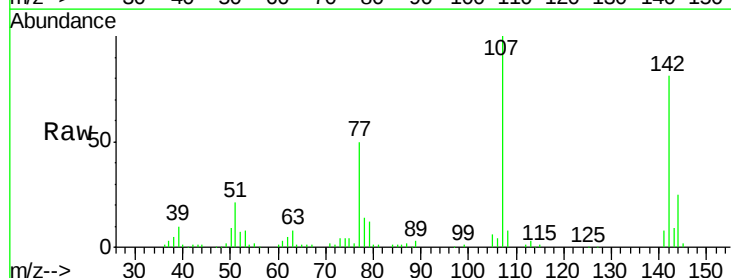
Instrument :
 BNA_F
 ClientSampleId :
 PB84172BS

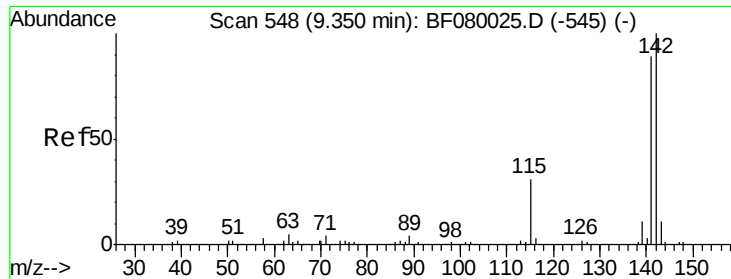
Tgt Ion:113 Resp: 24200
 Ion Ratio Lower Upper
 113 100
 55 214.8 152.4 192.4#
 56 158.9 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 46.35 ng
 RT: 9.13 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Tgt Ion:107 Resp: 96327
 Ion Ratio Lower Upper
 107 100
 144 25.1 25.4 38.0#
 142 80.7 77.3 115.9

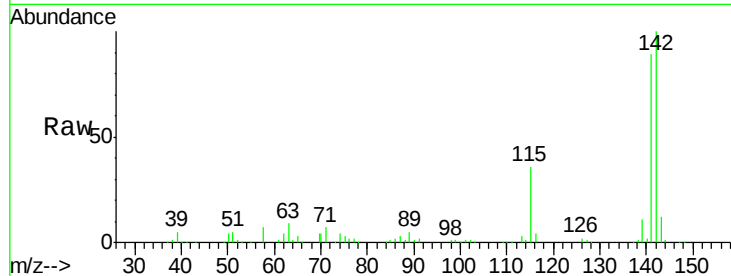




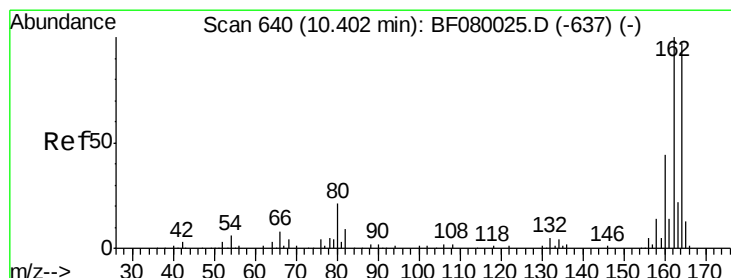
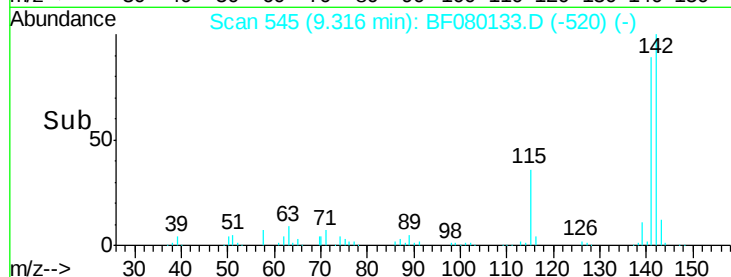
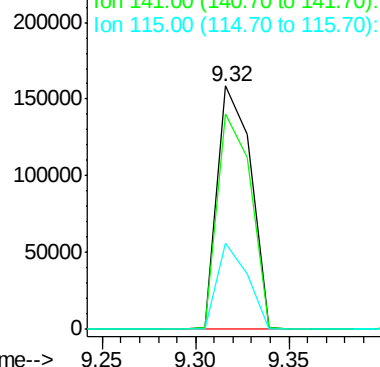
#37
 2-Methylnaphthalene
 Concen: 41.96 ng
 RT: 9.32 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB84172BS

Tgt Ion:142 Resp: 197325
 Ion Ratio Lower Upper
 142 100
 141 88.7 67.5 101.3
 115 35.6 18.2 27.2#

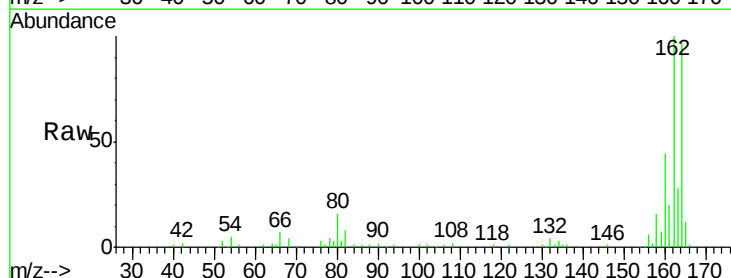


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

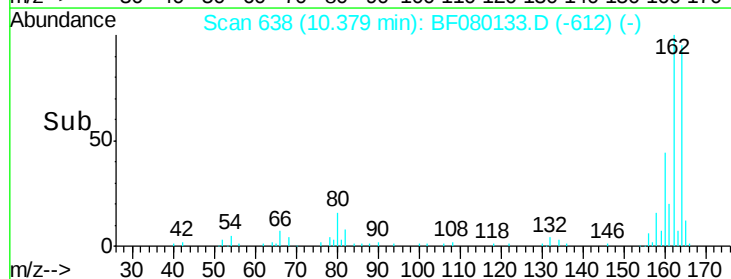
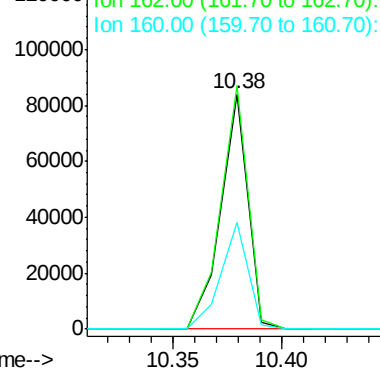


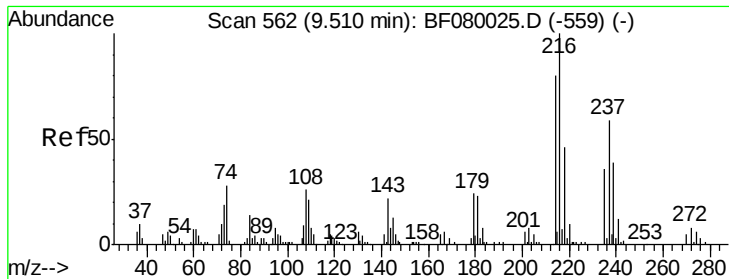
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.38 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Tgt Ion:164 Resp: 72368
 Ion Ratio Lower Upper
 164 100
 162 103.6 75.2 112.8
 160 45.5 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: 43.29 ng

RT: 9.49 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_F

ClientSampleId :

PB84172BS

Tgt Ion:216 Resp: 91161

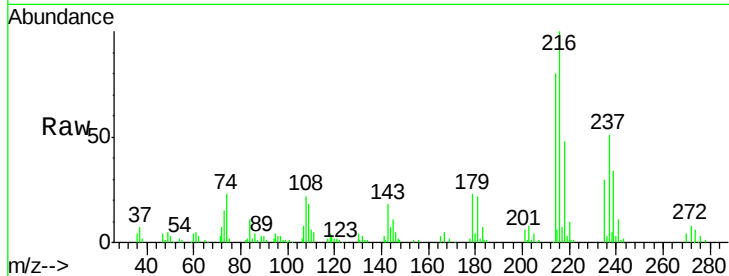
Ion Ratio Lower Upper

216 100

214 78.8 63.5 95.3

179 21.5 16.6 24.8

108 21.2 16.3 24.5

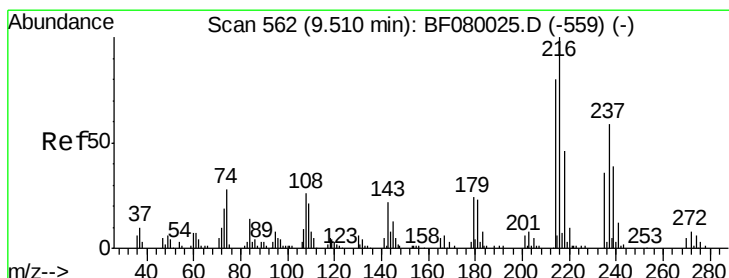
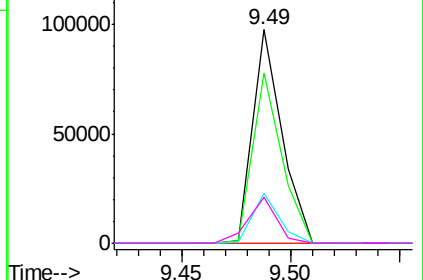
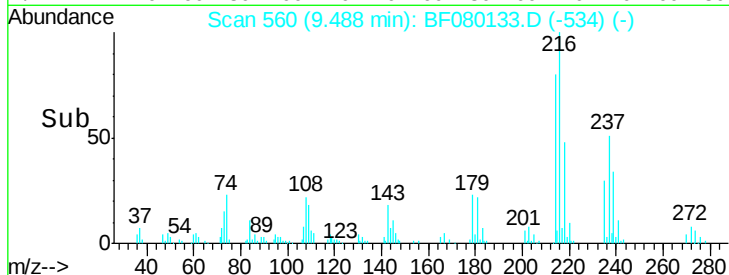


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.05 ng

RT: 9.48 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

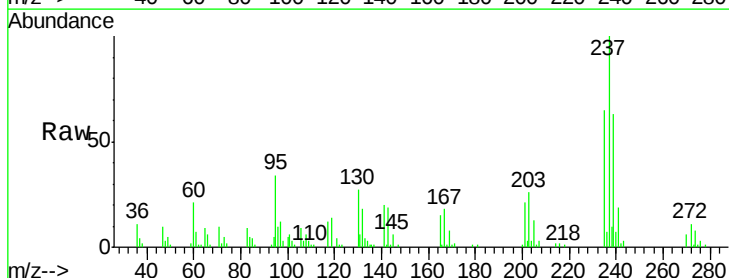
Tgt Ion:237 Resp: 80881

Ion Ratio Lower Upper

237 100

235 65.1 42.0 82.0

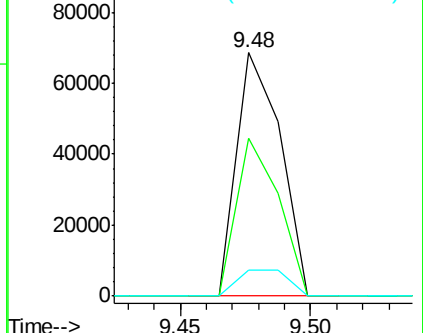
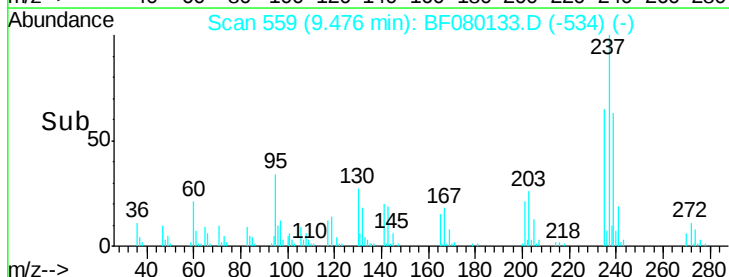
272 10.9 0.0 36.1

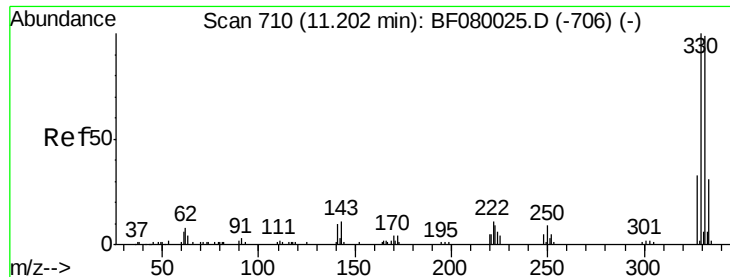


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

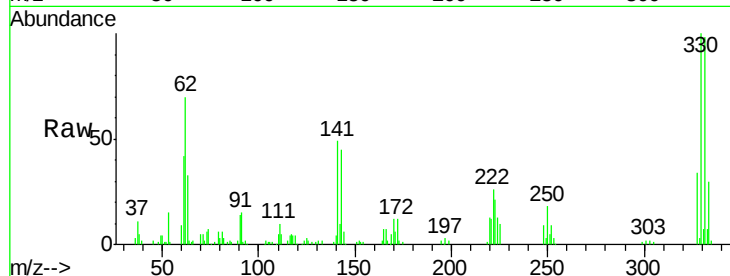




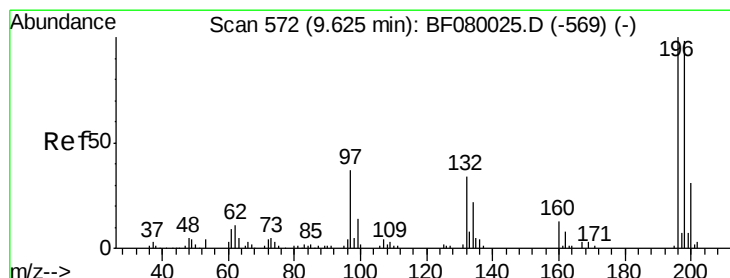
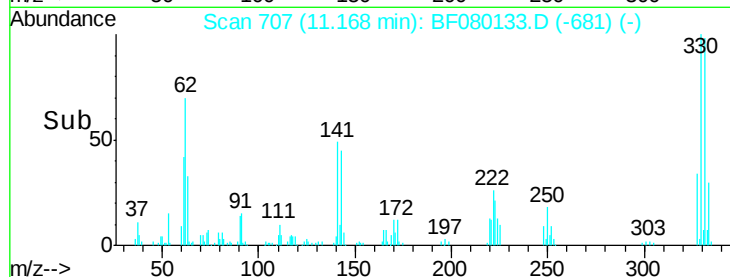
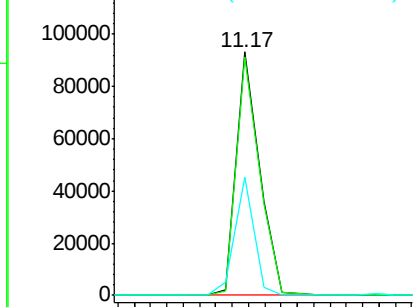
#41
 2,4,6-Tribromophenol
 Concen: 128.96 ng
 RT: 11.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB84172BS

Tgt Ion:330 Resp: 91259
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 40.4 29.7 44.5

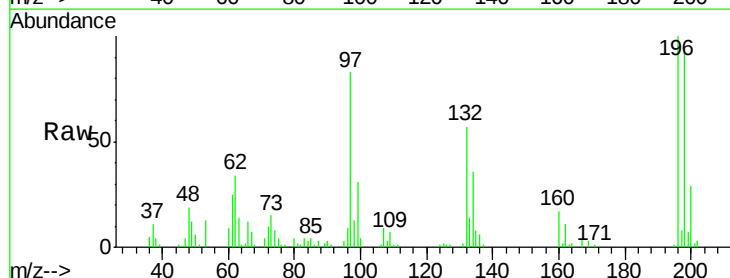


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

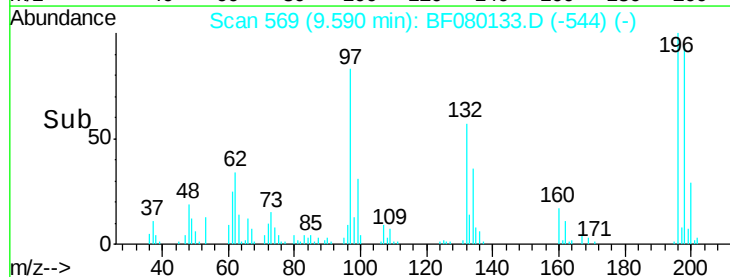
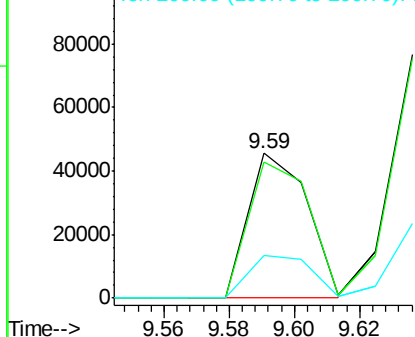


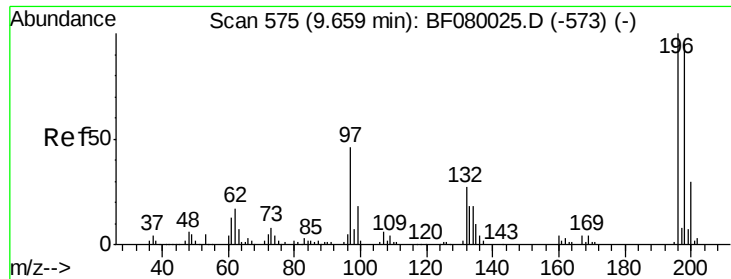
#42
 2,4,6-Trichlorophenol
 Concen: 39.69 ng
 RT: 9.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Tgt Ion:196 Resp: 56873
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 29.5 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

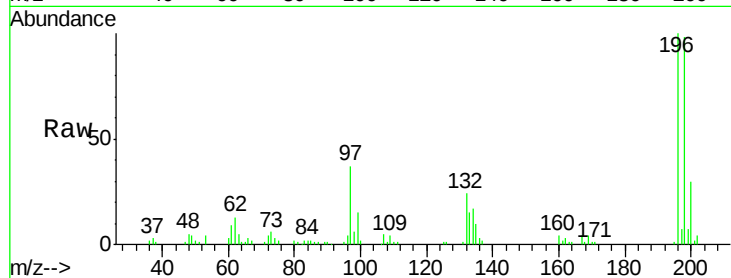




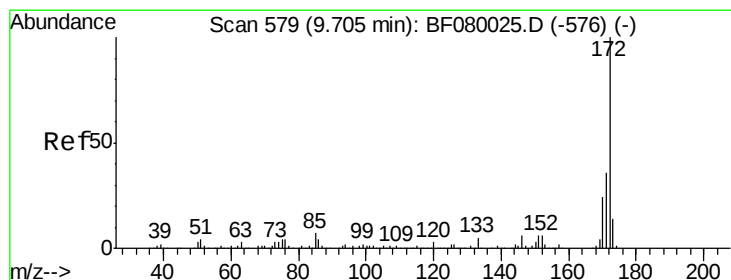
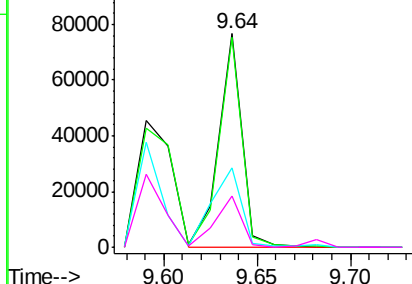
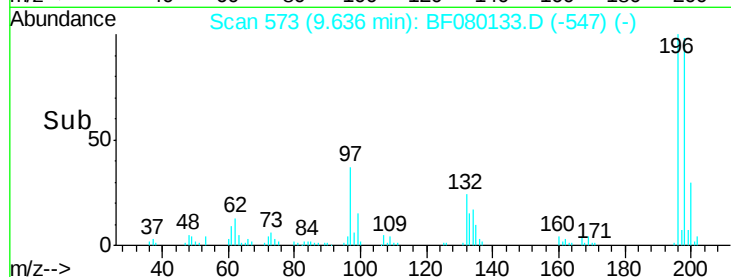
#43
 2,4,5-Trichlorophenol
 Concen: 40.08 ng
 RT: 9.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB84172BS

Tgt Ion:196 Resp: 66175
 Ion Ratio Lower Upper
 196 100
 198 98.4 75.4 113.0
 97 37.4 33.3 49.9
 132 23.9 24.6 37.0#

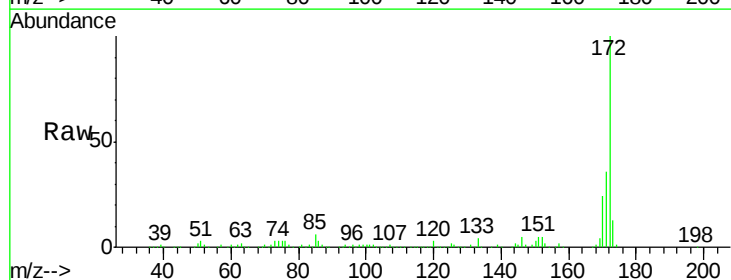


Abundance Ion 196.00 (195.70 to 196.70): E
 120000
 Ion 198.00 (197.70 to 198.70): E
 100000
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

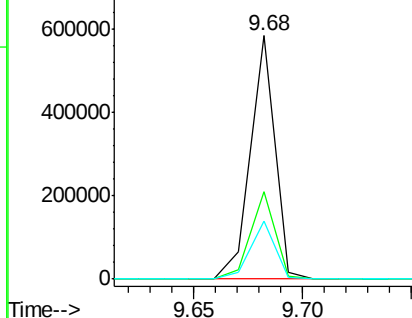
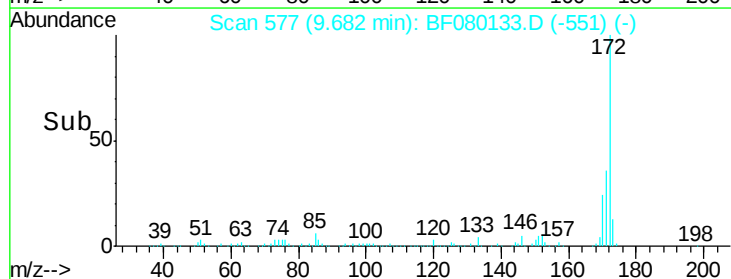


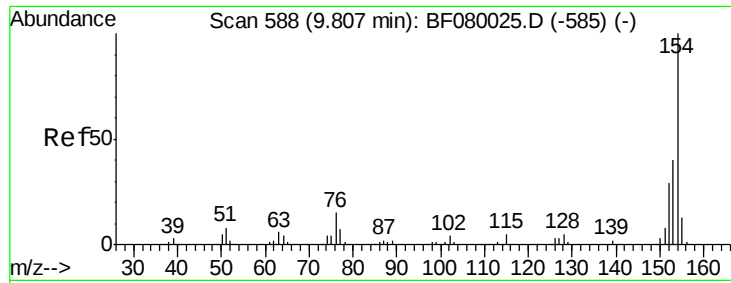
#44
 2-Fluorobiphenyl
 Concen: 90.23 ng
 RT: 9.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Tgt Ion:172 Resp: 457873
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.0 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 800000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

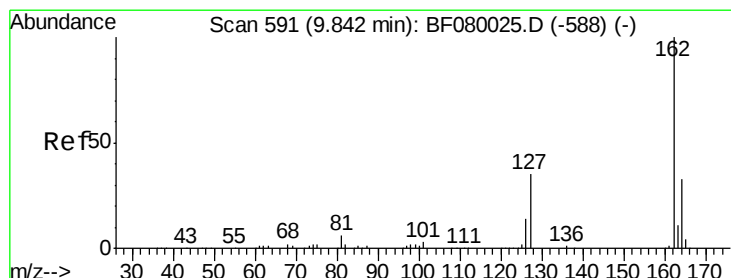
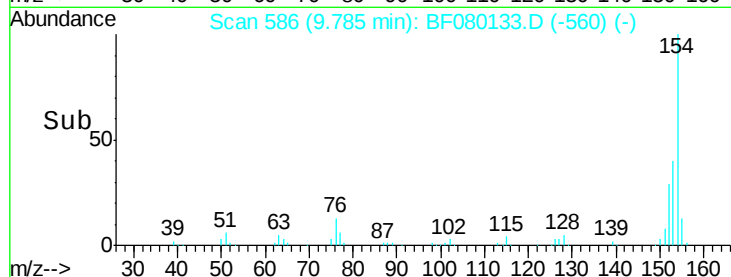
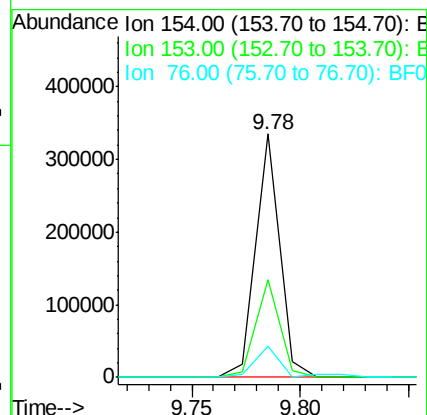
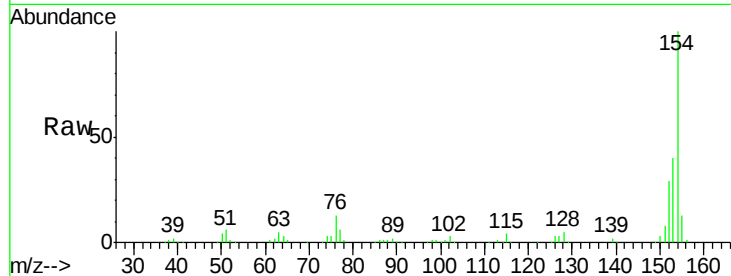




#45
 1,1'-Biphenyl
 Concen: 43.75 ng
 RT: 9.78 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

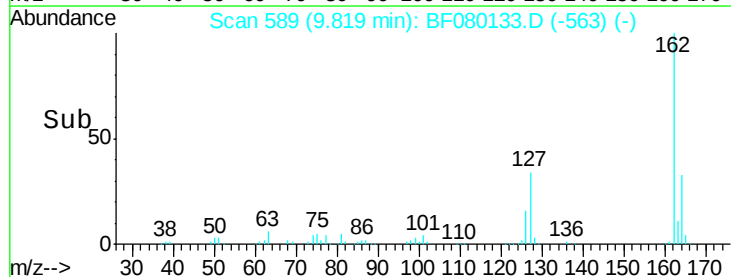
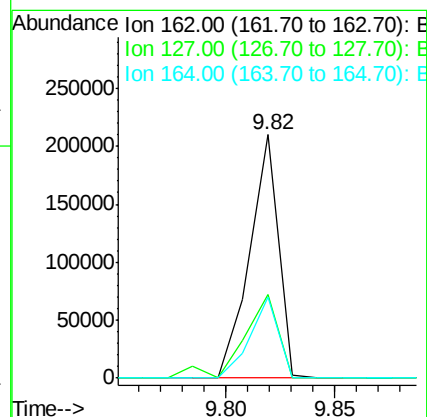
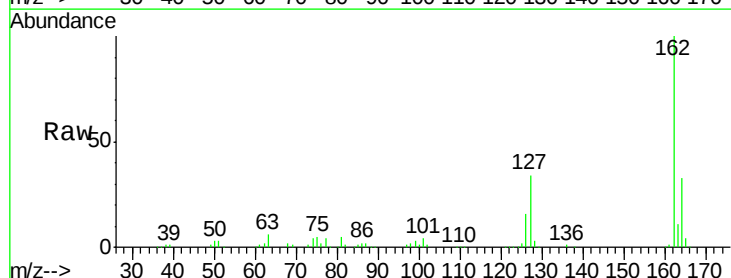
Instrument :
 BNA_F
 ClientSampleId :
 PB84172BS

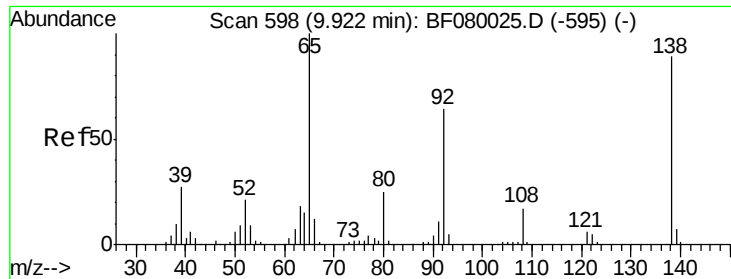
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	17.1	57.1
76	12.9	0.0	31.6



#46
 2-Chloronaphthalene
 Concen: 40.21 ng
 RT: 9.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.5	27.6	41.4
164	33.2	25.4	38.2

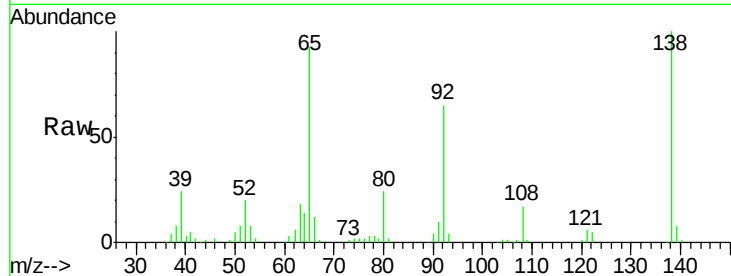




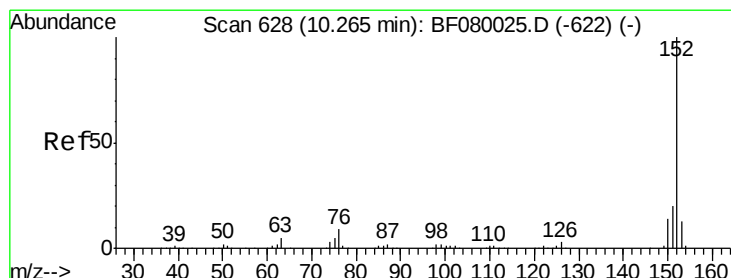
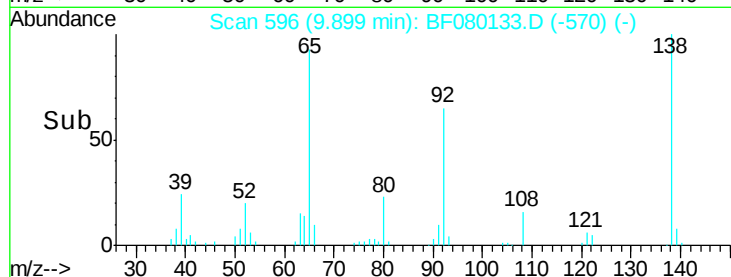
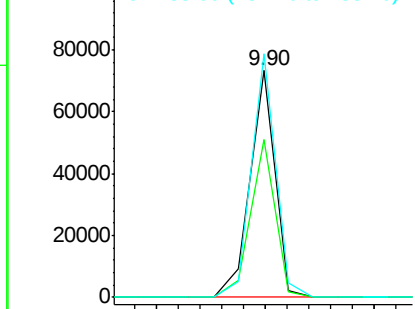
#47
2-Nitroaniline
Concen: 44.37 ng
RT: 9.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF080133.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_F
ClientSampleId :
PB84172BS

Tgt Ion: 65 Resp: 58185
Ion Ratio Lower Upper
65 100
92 69.6 55.4 83.0
138 107.5 115.5 173.3#

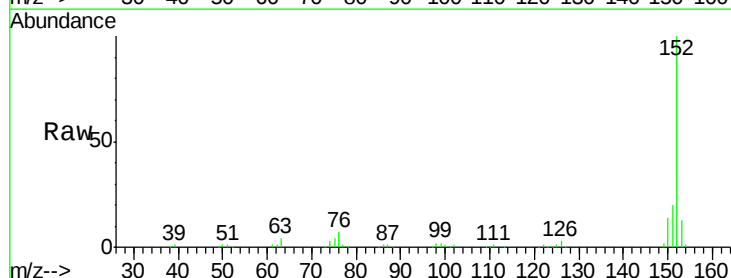


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

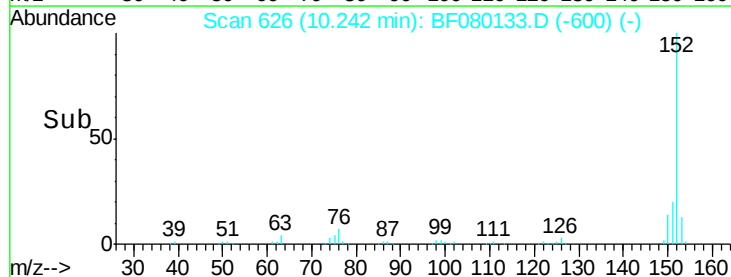
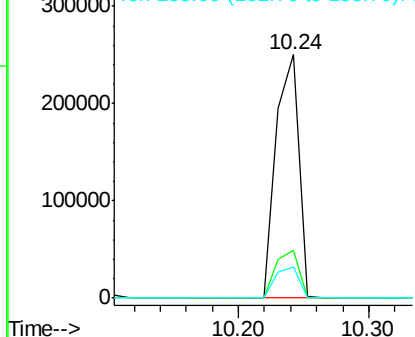


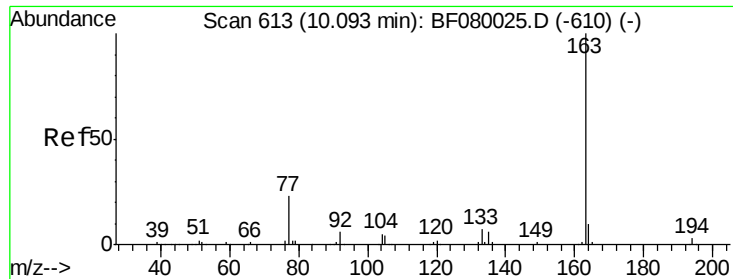
#48
Acenaphthylene
Concen: 38.72 ng
RT: 10.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF080133.D
Acq: 24 Jun 2015 15:43

Tgt Ion: 152 Resp: 308741
Ion Ratio Lower Upper
152 100
151 19.8 14.6 22.0
153 12.9 10.3 15.5



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

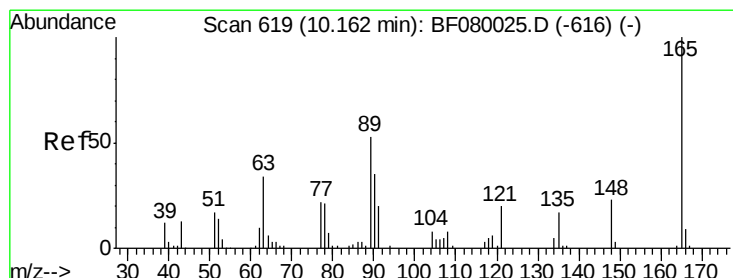
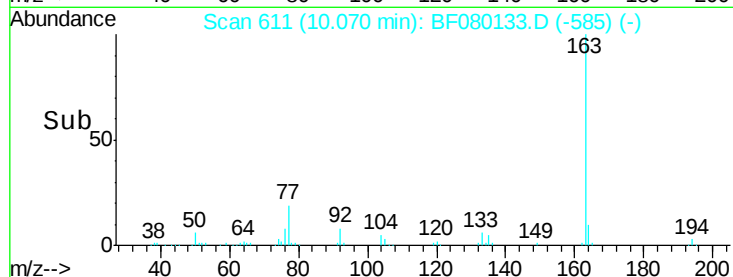
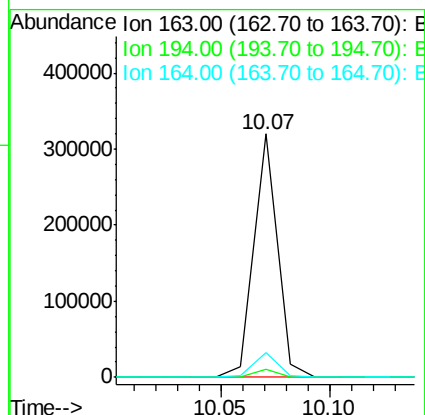
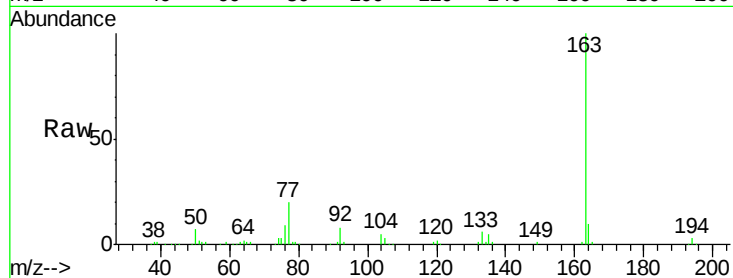




#49
Dimethylphthalate
Concen: 44.41 ng
RT: 10.07 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF080133.D
Acq: 24 Jun 2015 15:43

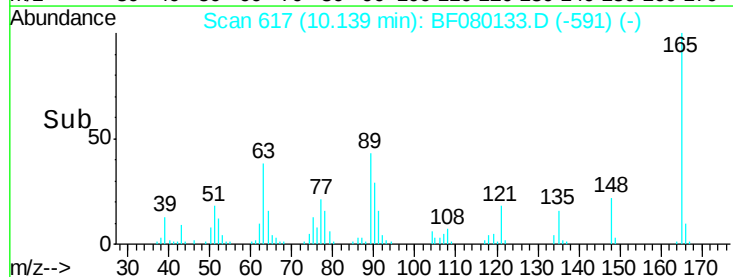
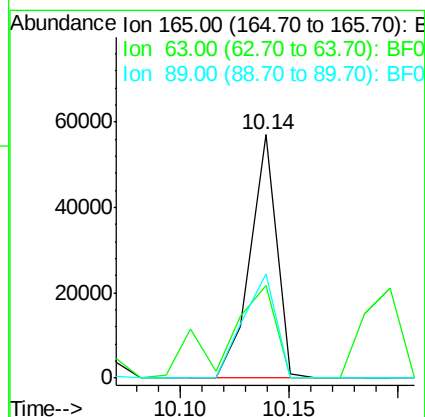
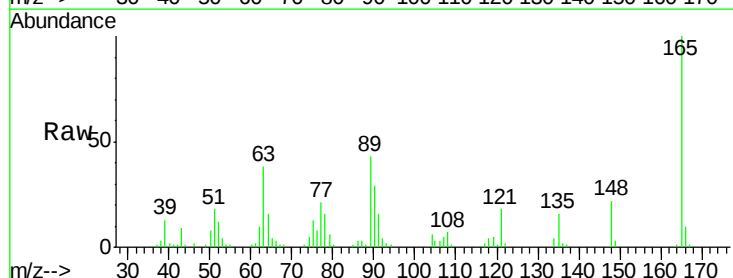
Instrument :
BNA_F
ClientSampleId :
PB84172BS

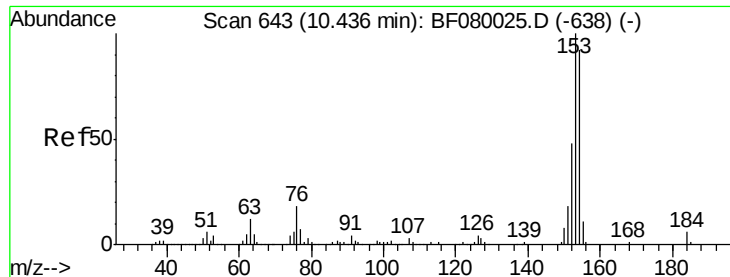
Tgt Ion:163 Resp: 241643
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 10.3 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 44.03 ng
RT: 10.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF080133.D
Acq: 24 Jun 2015 15:43

Tgt Ion:165 Resp: 48028
Ion Ratio Lower Upper
165 100
63 38.0 32.3 48.5
89 42.6 28.6 43.0





#51

Acenaphthene

Concen: 41.67 ng

RT: 10.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_F

ClientSampleId :

PB84172BS

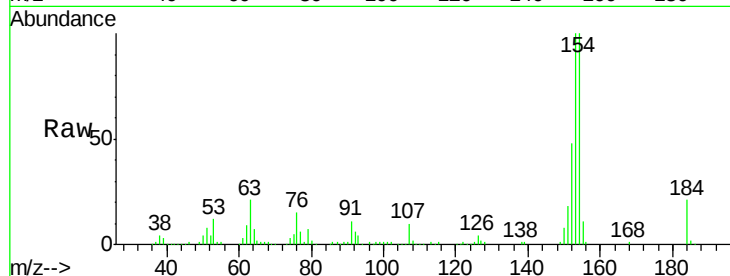
Tgt Ion:154 Resp: 203275

Ion Ratio Lower Upper

154 100

153 99.9 82.1 123.1

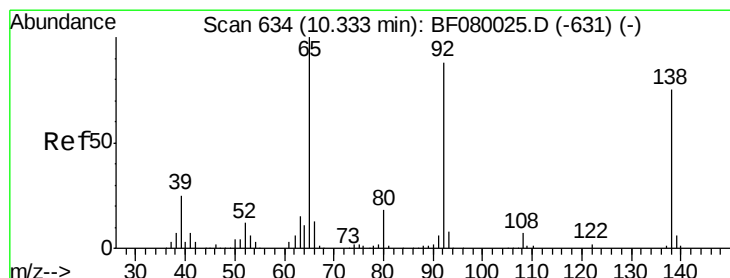
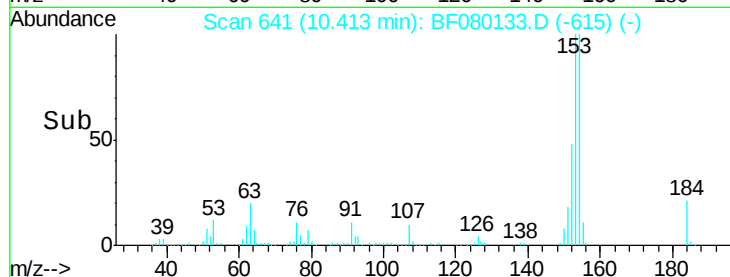
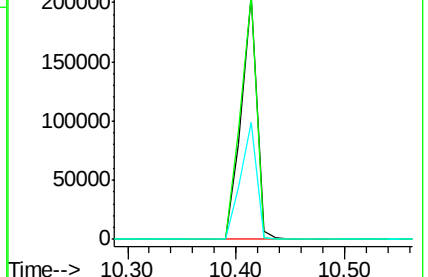
152 47.9 37.9 56.9



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: 30.27 ng

RT: 10.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

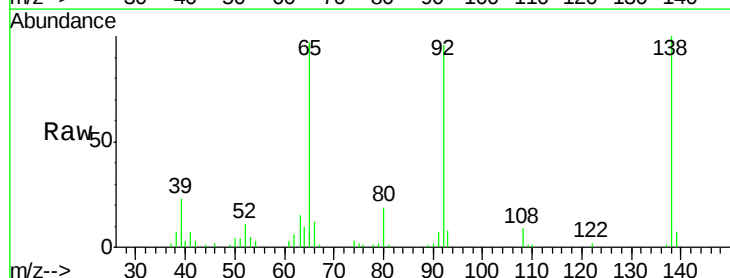
Tgt Ion:138 Resp: 38088

Ion Ratio Lower Upper

138 100

108 9.0 5.7 8.5#

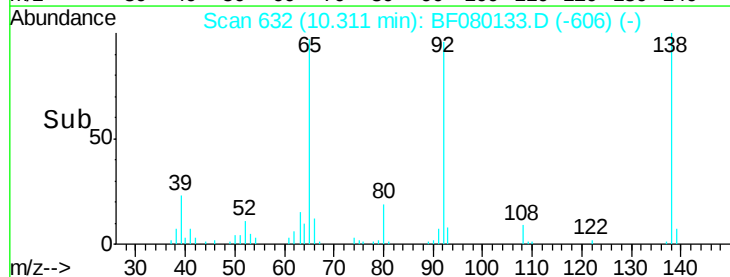
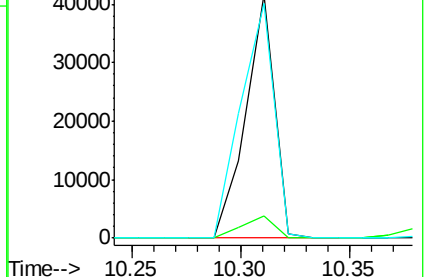
92 96.2 67.7 101.5

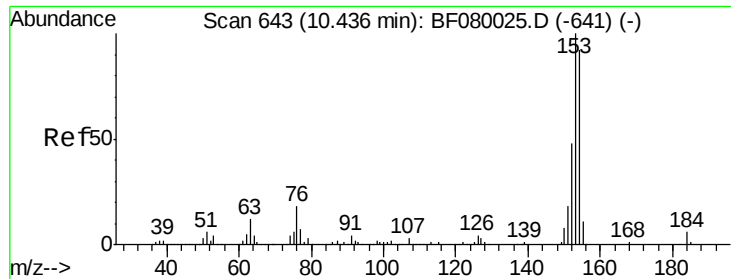


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

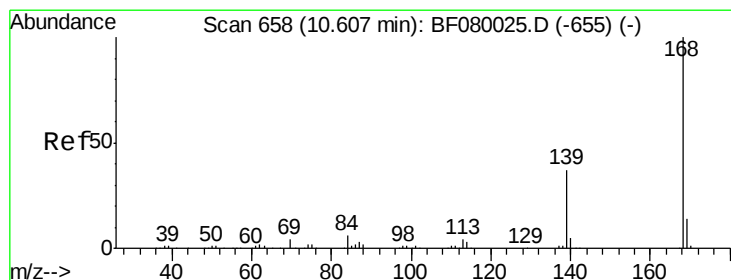
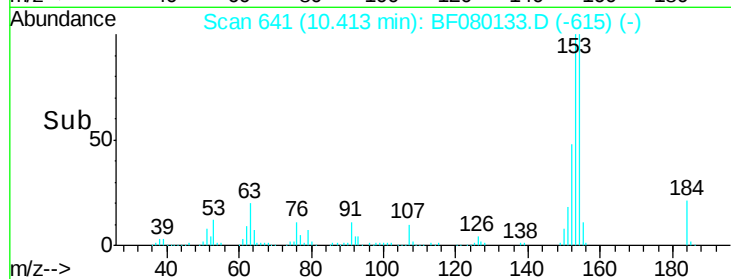
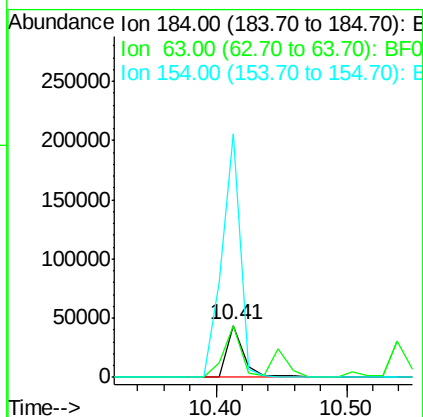
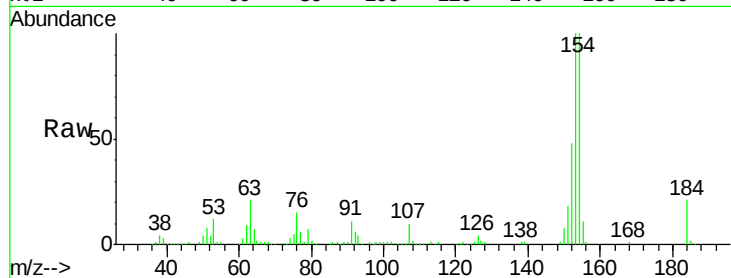




#53
 2,4-Dinitrophenol
 Concen: 87.93 ng
 RT: 10.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

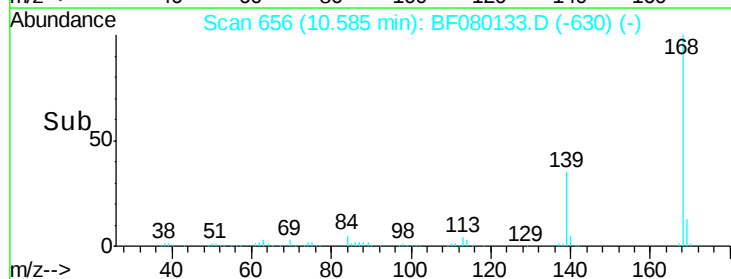
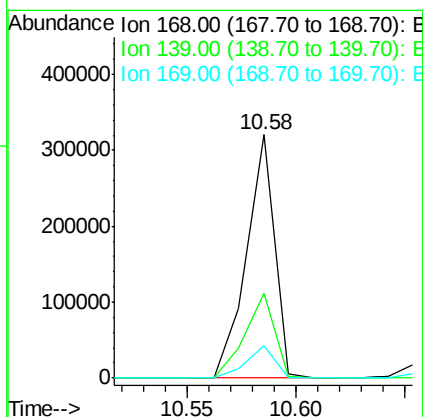
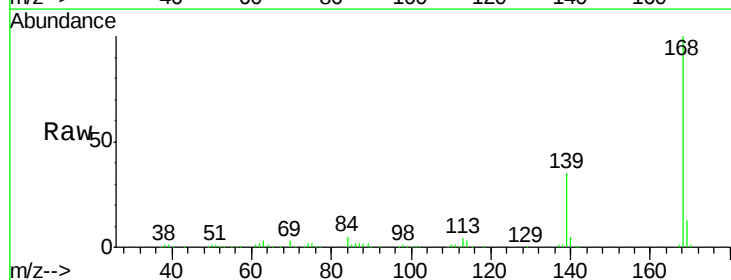
Instrument :
 BNA_F
 ClientSampleId :
 PB84172BS

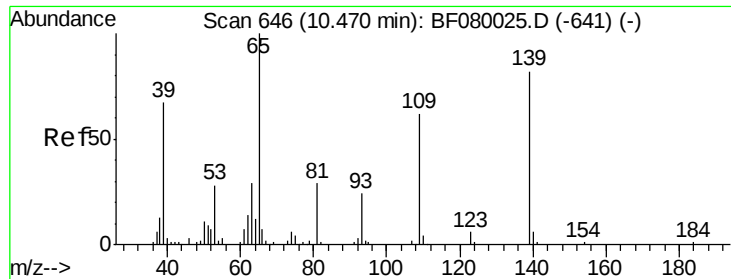
Tgt Ion:184 Resp: 39311
 Ion Ratio Lower Upper
 184 100
 63 99.0 35.4 53.2#
 154 469.2 32.2 48.4#



#54
 Dibenzofuran
 Concen: 41.40 ng
 RT: 10.58 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Tgt Ion:168 Resp: 286596
 Ion Ratio Lower Upper
 168 100
 139 34.7 24.2 36.2
 169 13.3 10.6 15.8





#55

4-Nitrophenol

Concen: 75.46 ng

RT: 10.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_F

ClientSampleId :

PB84172BS

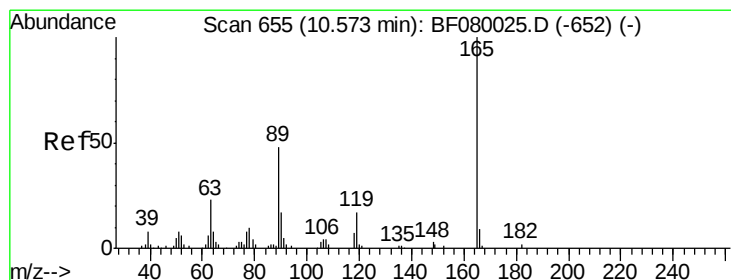
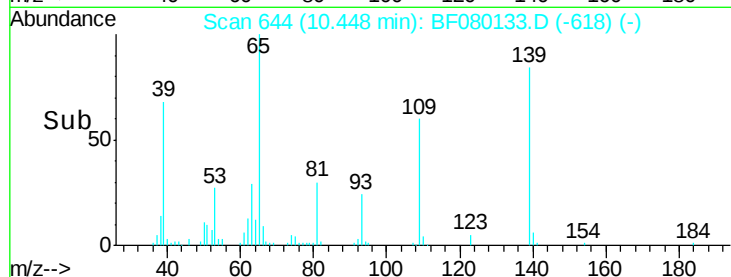
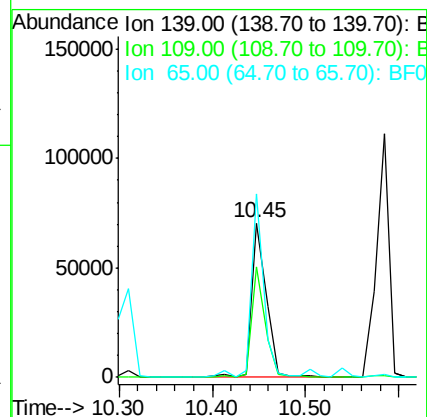
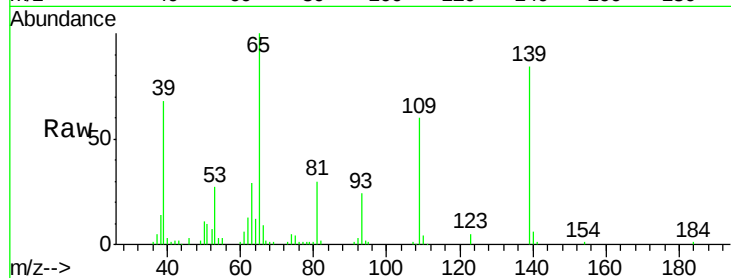
Tgt Ion:139 Resp: 75909

Ion Ratio Lower Upper

139 100

109 71.9 12.7 52.7#

65 118.9 45.9 85.9#



#56

2,4-Dinitrotoluene

Concen: 42.67 ng

RT: 10.54 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Tgt Ion:165 Resp: 59061

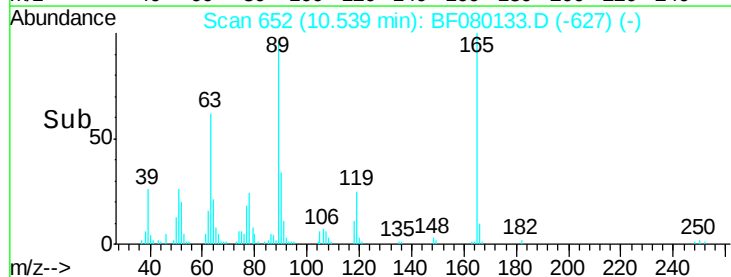
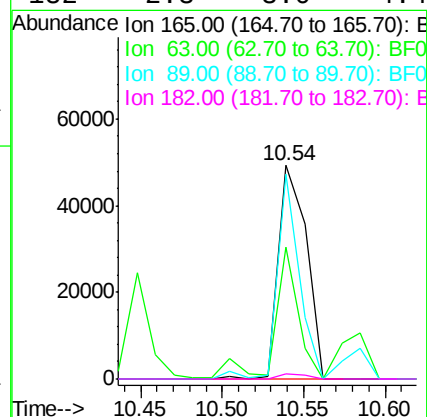
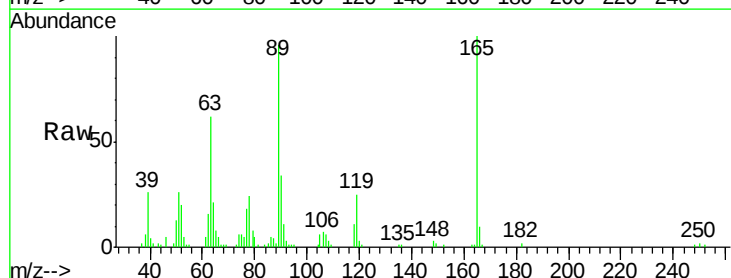
Ion Ratio Lower Upper

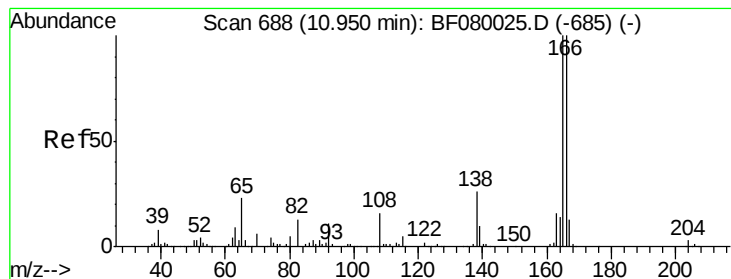
165 100

63 61.9 29.8 44.6#

89 96.0 44.5 66.7#

182 2.3 3.0 4.4#





#57

Fluorene

Concen: 42.73 ng

RT: 10.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_F

ClientSampleId :

PB84172BS

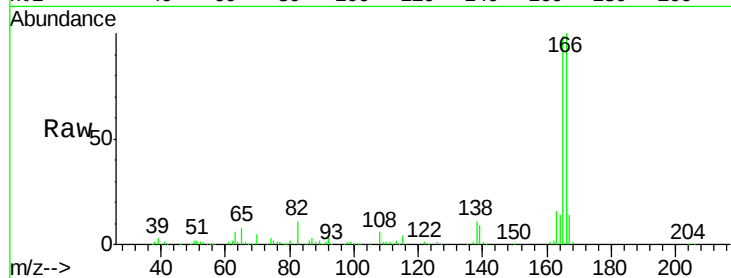
Tgt Ion:166 Resp: 234685

Ion Ratio Lower Upper

166 100

165 99.4 72.6 109.0

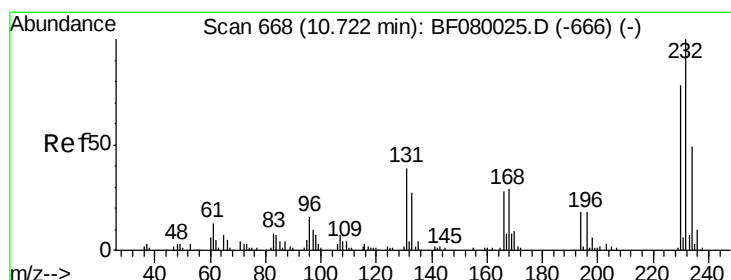
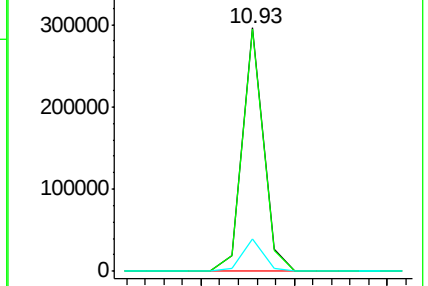
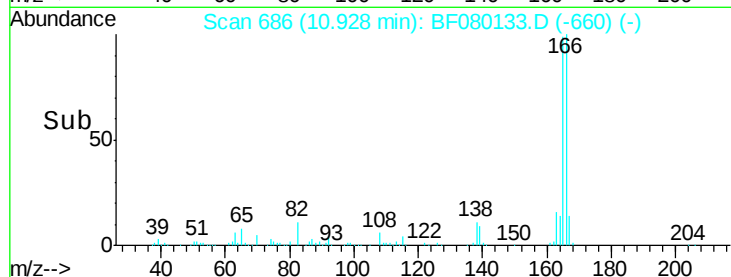
167 13.5 10.6 16.0



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: 40.29 ng

RT: 10.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Tgt Ion:232 Resp: 56149

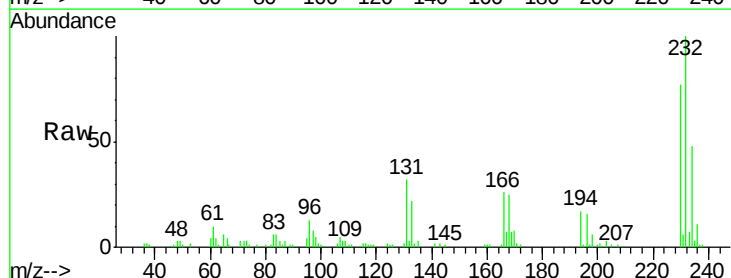
Ion Ratio Lower Upper

232 100

131 42.8 38.5 57.7

130 2.2 1.8 2.6

166 29.3 25.0 37.6

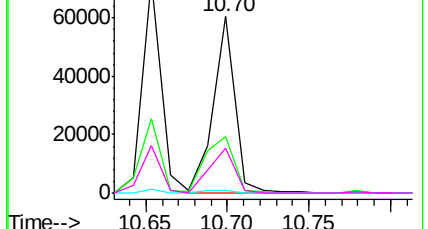
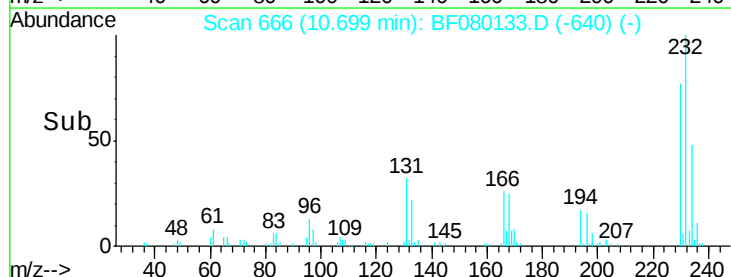


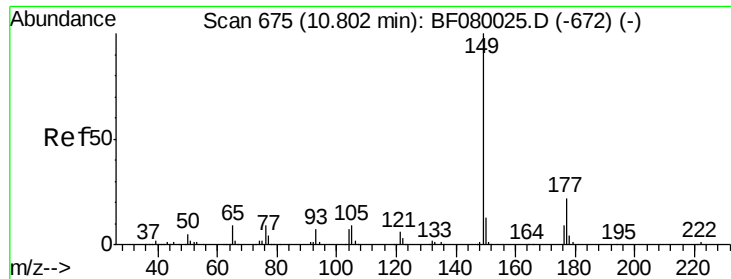
Abundance Ion 232.00 (231.70 to 232.70): E

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

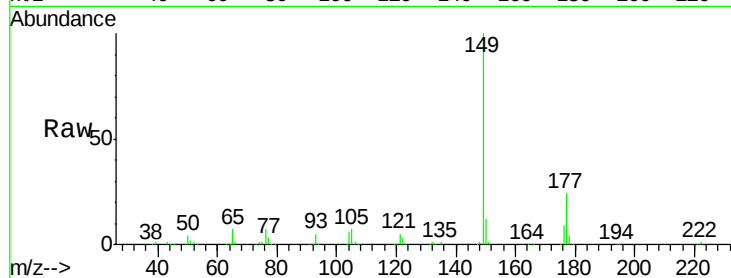




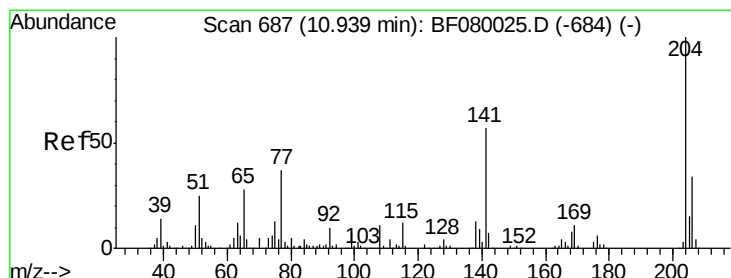
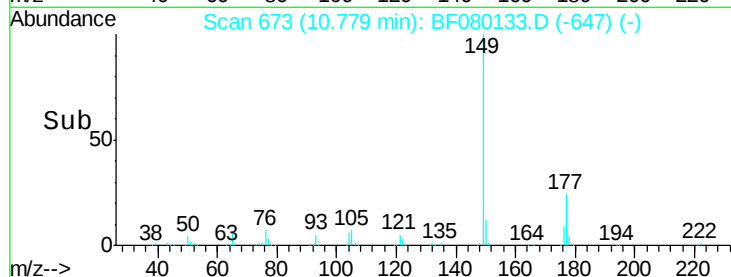
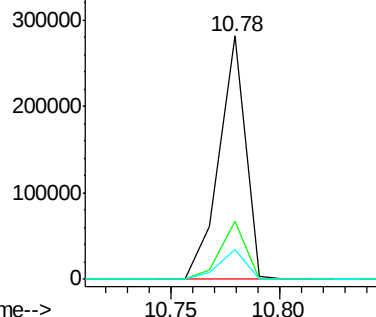
#59
Diethylphthalate
Concen: 43.35 ng
RT: 10.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF080133.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_F
ClientSampleId :
PB84172BS

Tgt Ion:149 Resp: 237504
Ion Ratio Lower Upper
149 100
177 23.6 17.5 26.3
150 12.2 9.4 14.2

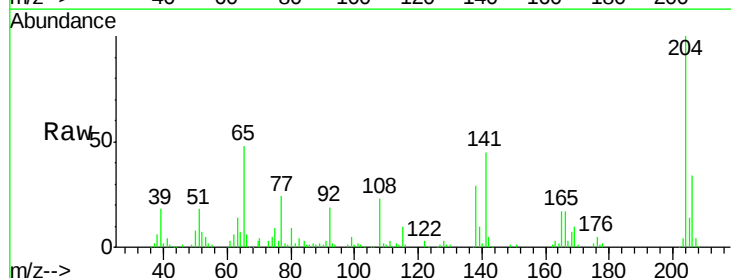


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

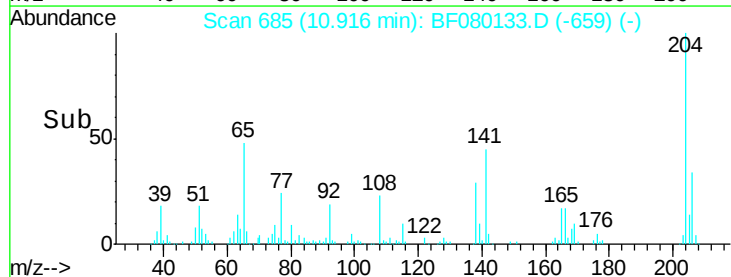
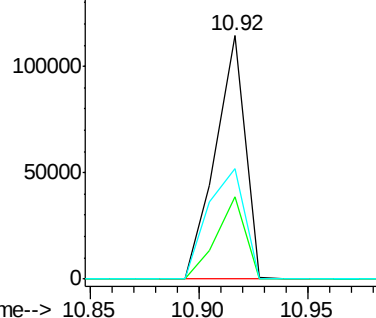


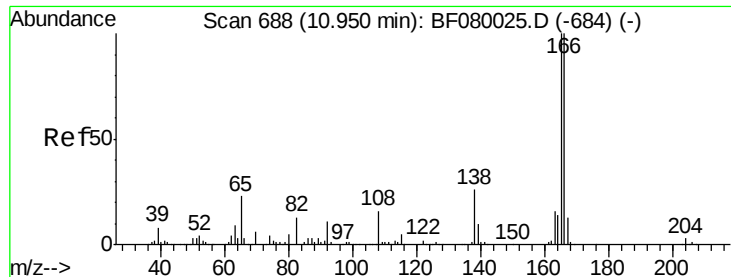
#60
4-Chlorophenyl-phenylether
Concen: 41.48 ng
RT: 10.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF080133.D
Acq: 24 Jun 2015 15:43

Tgt Ion:204 Resp: 109489
Ion Ratio Lower Upper
204 100
206 33.8 24.8 37.2
141 45.2 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: 35.66 ng

RT: 10.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_F

ClientSampleId :

PB84172BS

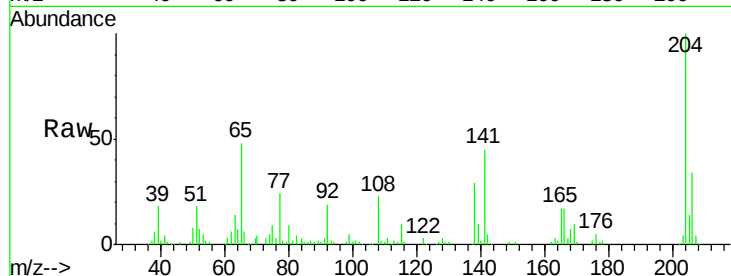
Tgt Ion:138 Resp: 46345

Ion Ratio Lower Upper

138 100

92 65.0 12.6 52.6#

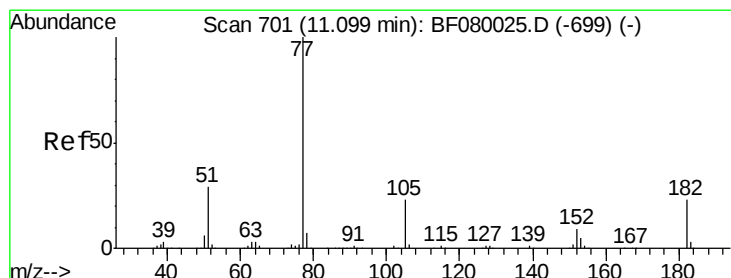
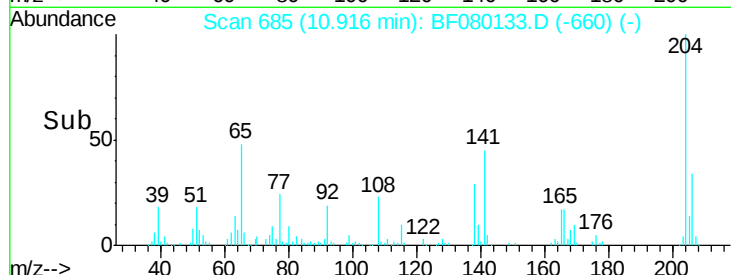
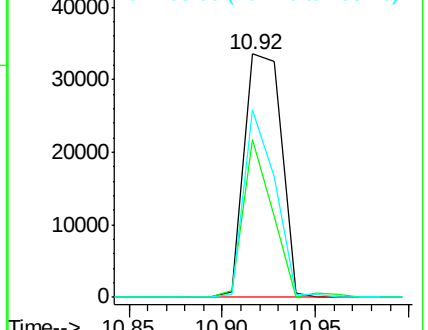
108 76.8 12.4 52.4#



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: 39.31 ng

RT: 11.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Tgt Ion: 77 Resp: 219221

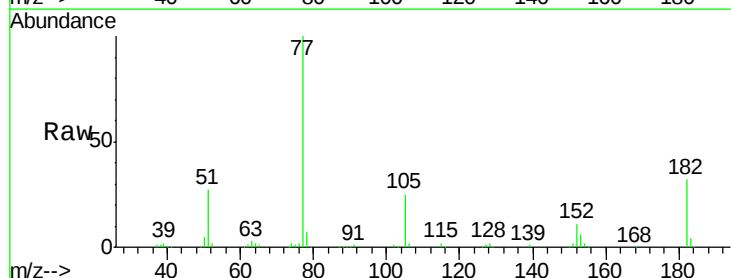
Ion Ratio Lower Upper

77 100

182 31.7 15.1 55.1

105 24.8 3.4 43.4

51 26.5 12.0 52.0

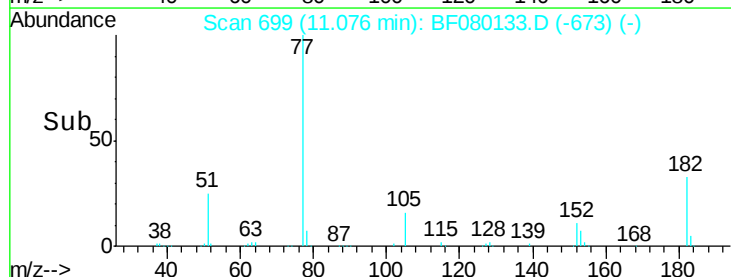
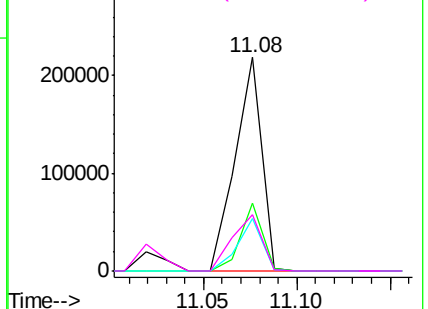


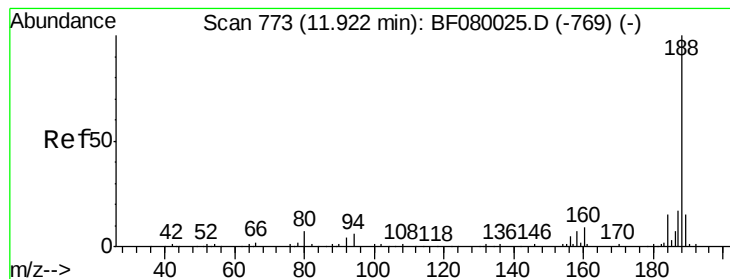
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.89 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_F

ClientSampleId :

PB84172BS

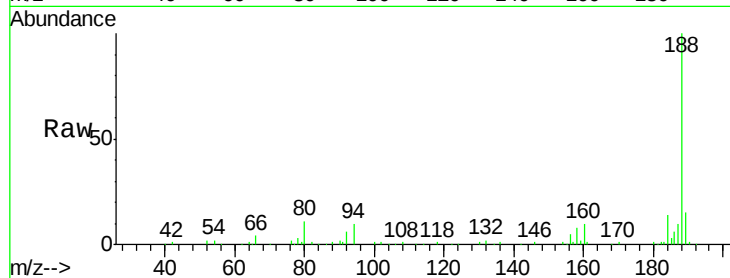
Tgt Ion:188 Resp: 143070

Ion Ratio Lower Upper

188 100

94 10.1 11.1 16.7#

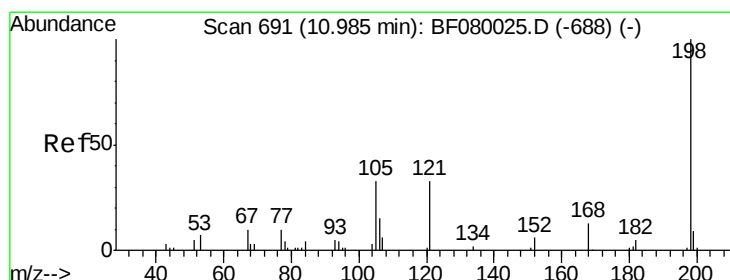
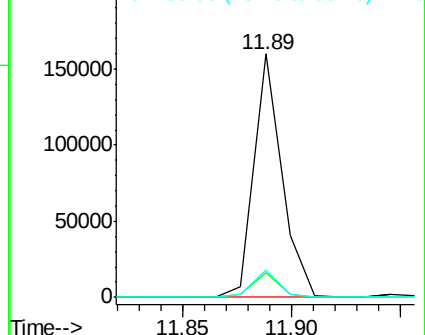
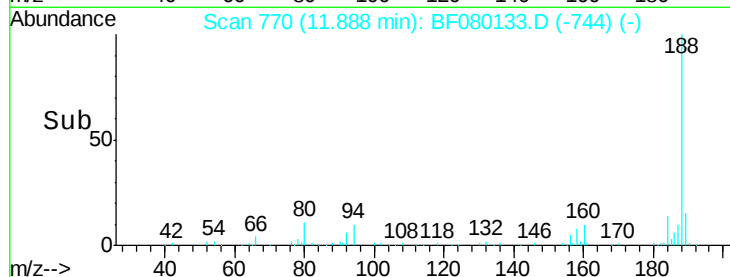
80 11.0 11.0 16.4



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: 40.13 ng

RT: 10.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

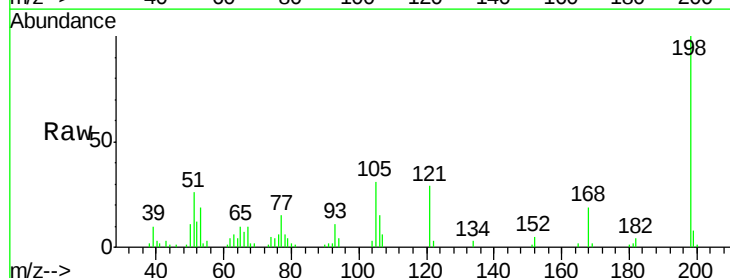
Tgt Ion:198 Resp: 27071

Ion Ratio Lower Upper

198 100

51 25.9 39.6 79.6#

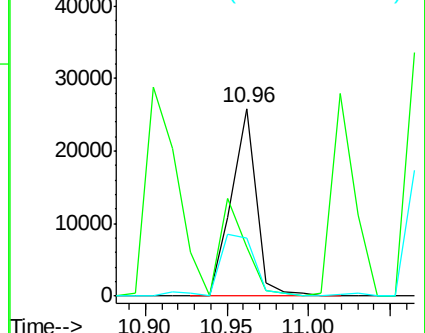
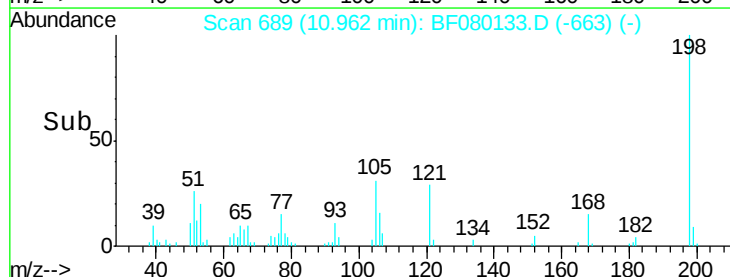
105 30.9 28.5 68.5

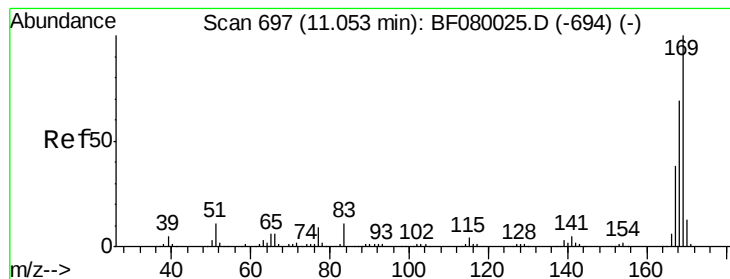


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.07 ng

RT: 11.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_F

ClientSampleId :

PB84172BS

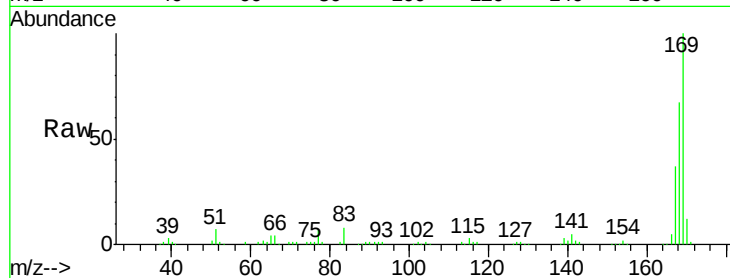
Tgt Ion:169 Resp: 186665

Ion Ratio Lower Upper

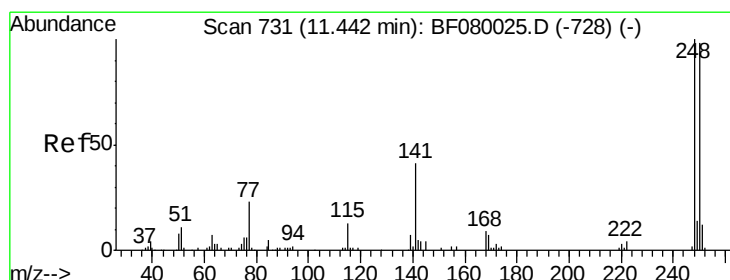
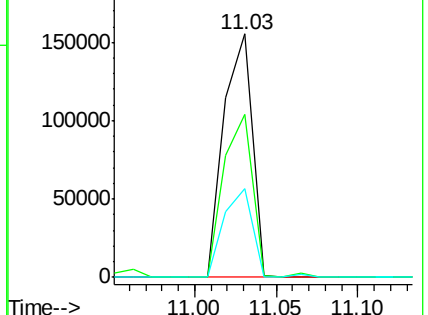
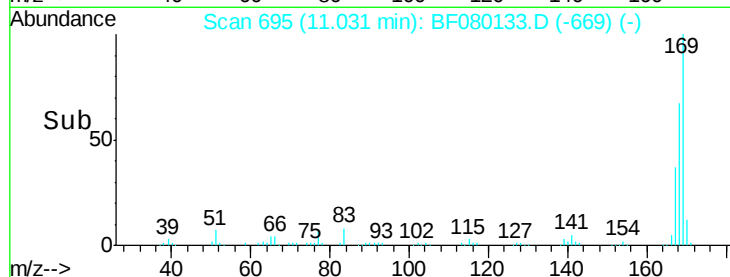
169 100

168 67.0 48.9 73.3

167 36.5 26.2 39.4



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



#66

4-Bromophenyl-phenylether

Concen: 42.14 ng

RT: 11.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

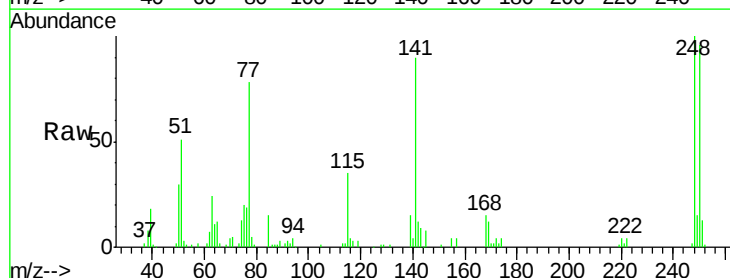
Tgt Ion:248 Resp: 64105

Ion Ratio Lower Upper

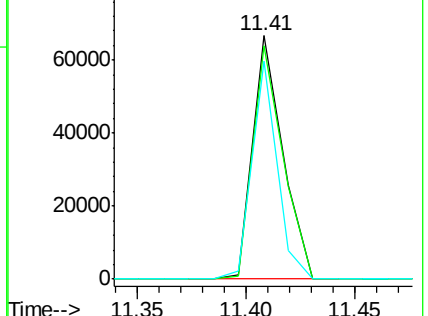
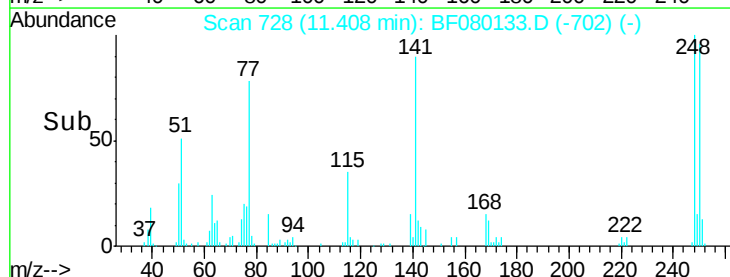
248 100

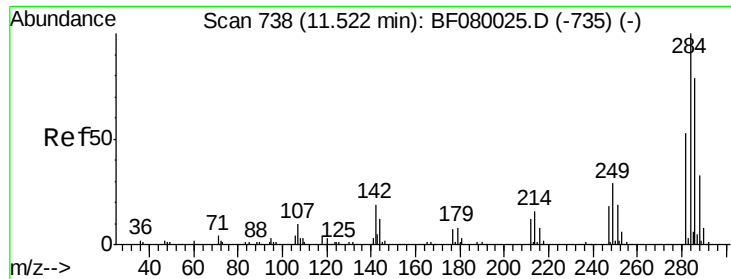
250 96.1 78.5 117.7

141 89.5 59.0 88.6#



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





#67

Hexachlorobenzene

Concen: 40.14 ng

RT: 11.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_F

ClientSampleId :

PB84172BS

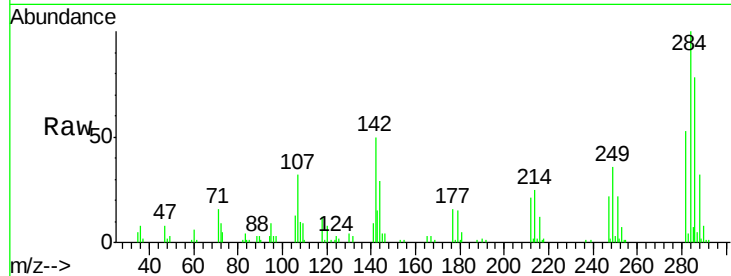
Tgt Ion:284 Resp: 67867

Ion Ratio Lower Upper

284 100

142 50.3 29.5 44.3#

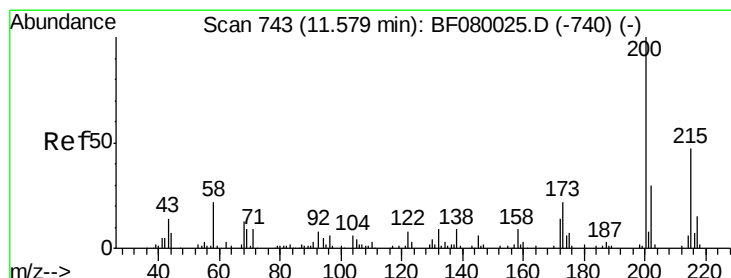
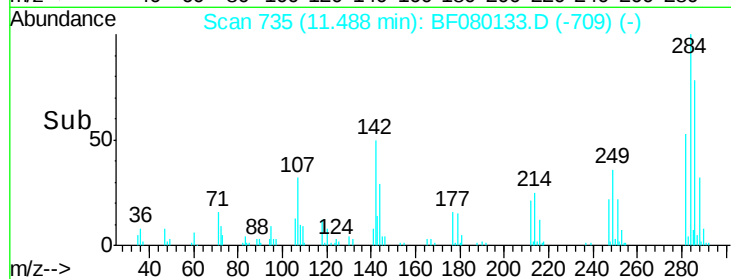
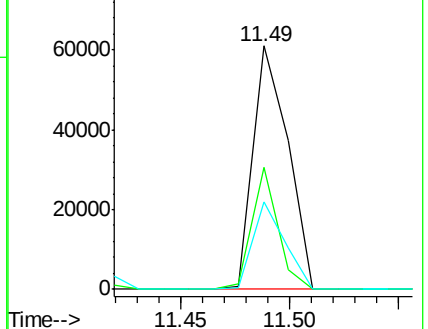
249 36.2 19.5 29.3#



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: 39.95 ng

RT: 11.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

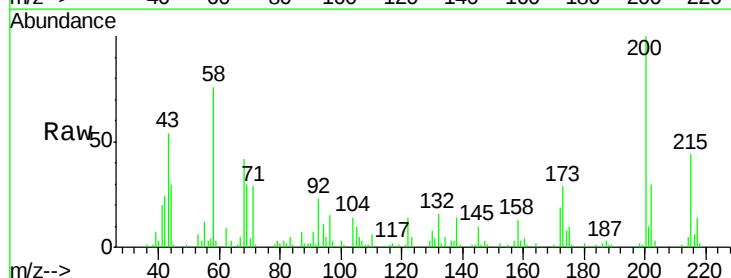
Tgt Ion:200 Resp: 58799

Ion Ratio Lower Upper

200 100

173 28.7 13.2 53.2

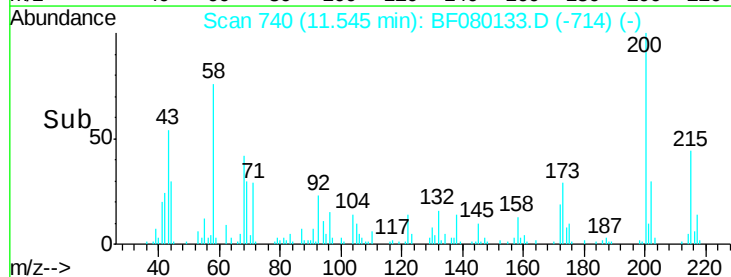
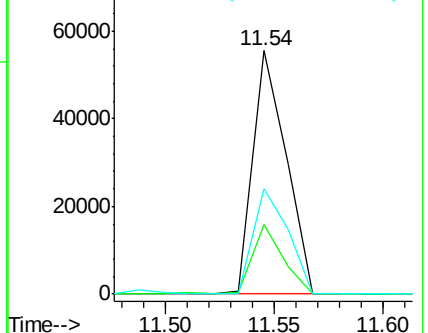
215 43.5 41.8 81.8

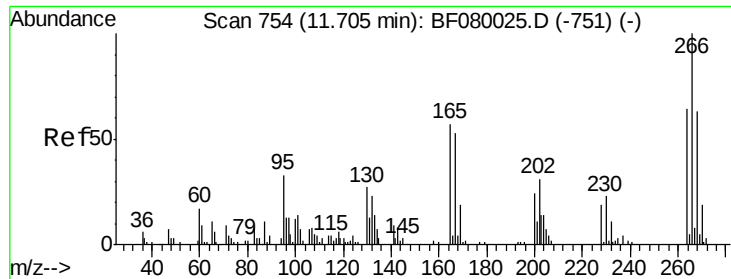


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

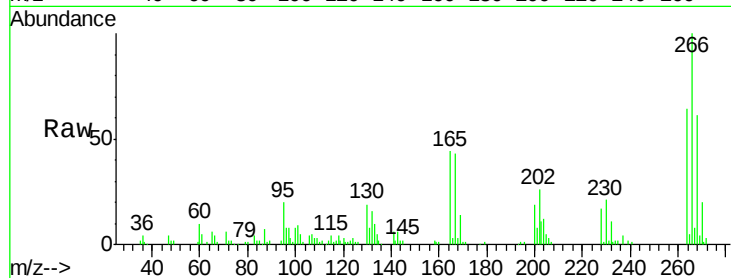




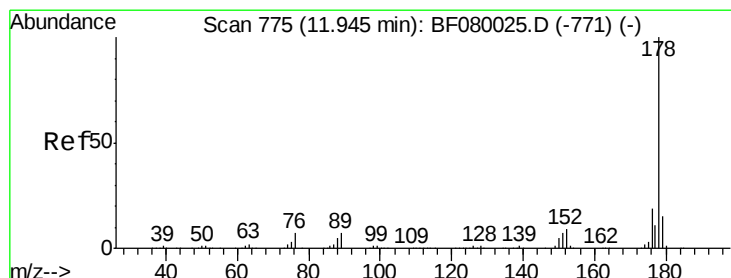
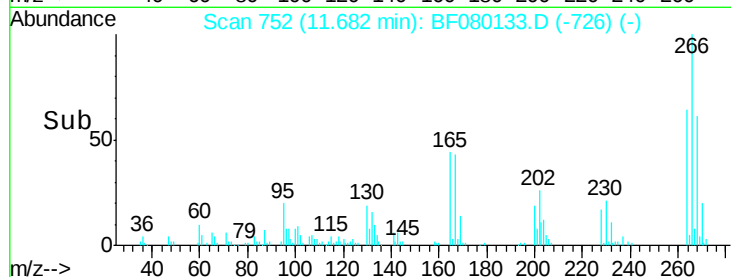
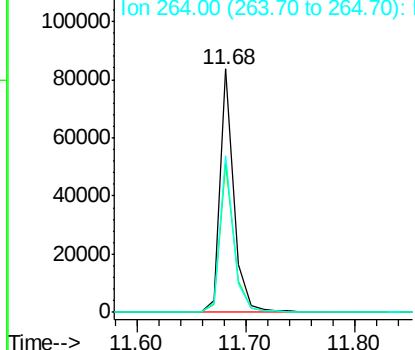
#69
 Pentachlorophenol
 Concen: 77.98 ng
 RT: 11.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB84172BS

Tgt Ion:266 Resp: 74706
 Ion Ratio Lower Upper
 266 100
 268 61.1 49.8 74.6
 264 64.4 50.2 75.2

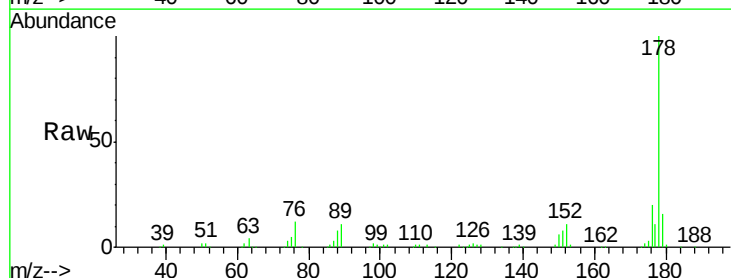


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

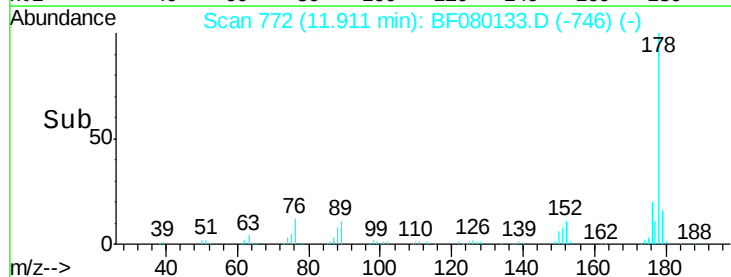
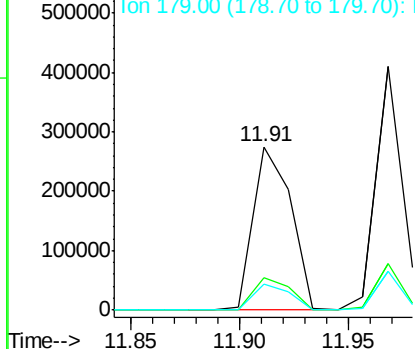


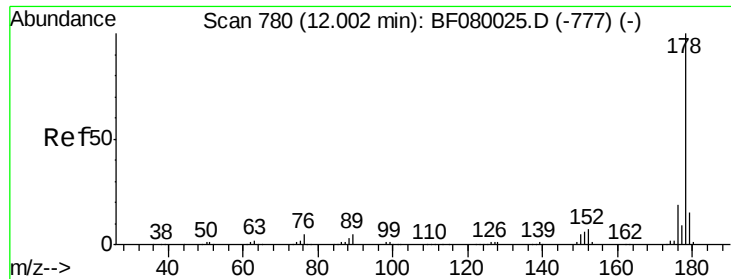
#70
 Phenanthrene
 Concen: 38.52 ng
 RT: 11.91 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Tgt Ion:178 Resp: 333692
 Ion Ratio Lower Upper
 178 100
 176 19.5 13.8 20.8
 179 15.7 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

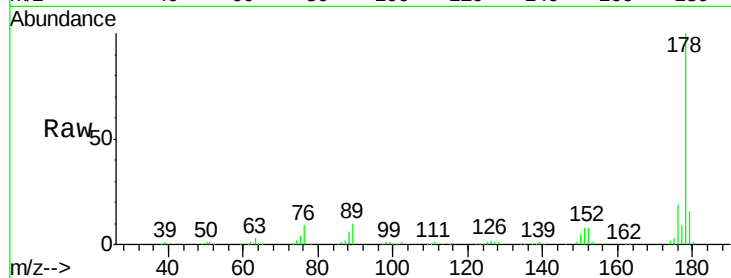




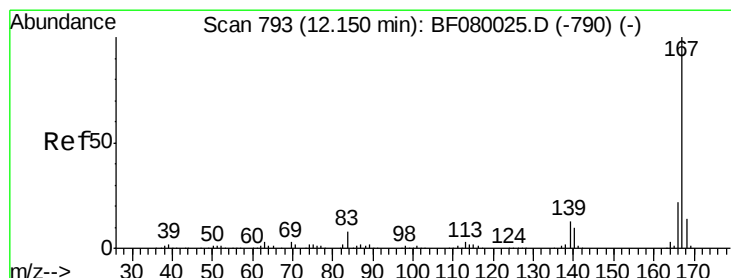
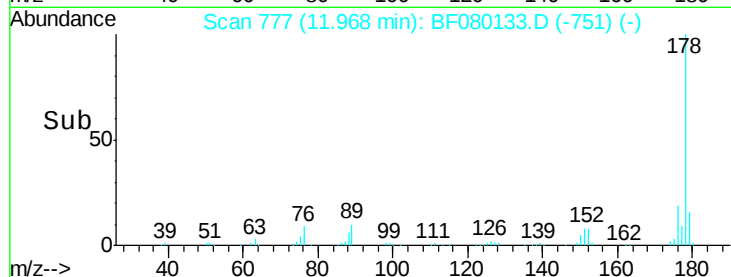
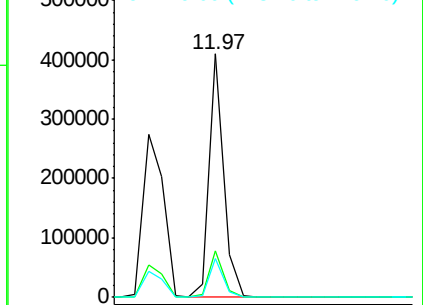
#71
 Anthracene
 Concen: 42.07 ng
 RT: 11.97 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB84172BS

Tgt Ion:178 Resp: 350898
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.1 21.1
 179 15.8 12.2 18.2

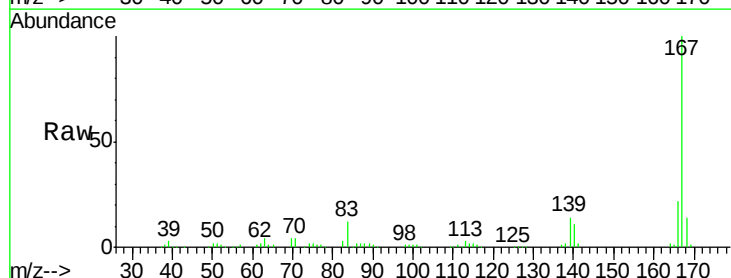


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

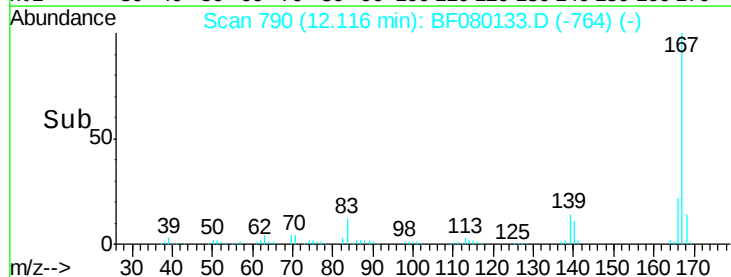
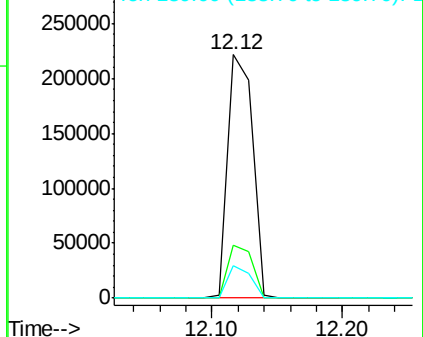


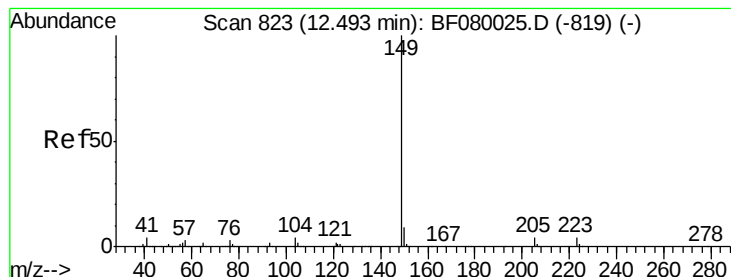
#72
 Carbazole
 Concen: 36.90 ng
 RT: 12.12 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Tgt Ion:167 Resp: 293791
 Ion Ratio Lower Upper
 167 100
 166 21.9 15.7 23.5
 139 13.6 9.5 14.3



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





#73

Di-n-butylphthalate

Concen: 41.54 ng

RT: 12.46 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_F

ClientSampleId :

PB84172BS

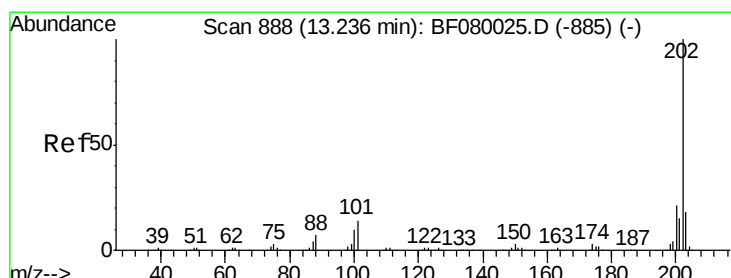
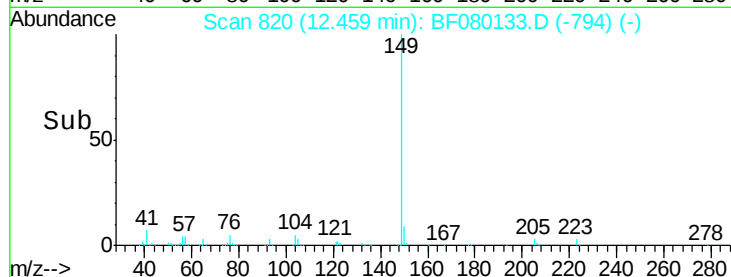
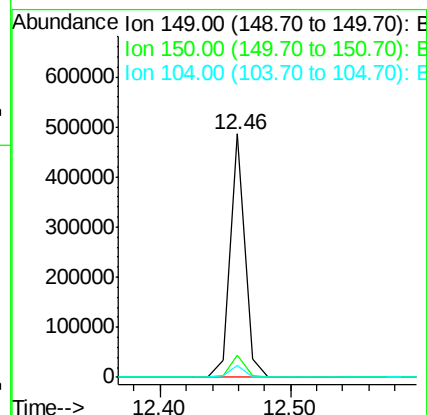
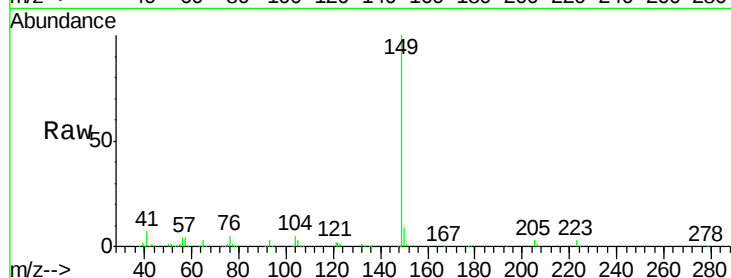
Tgt Ion:149 Resp: 382192

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.8 2.4 3.6#



#74

Fluoranthene

Concen: 38.56 ng

RT: 13.20 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

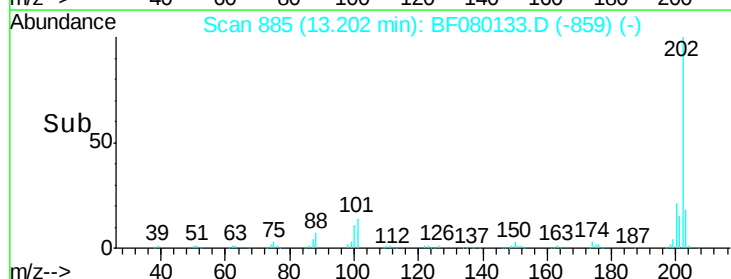
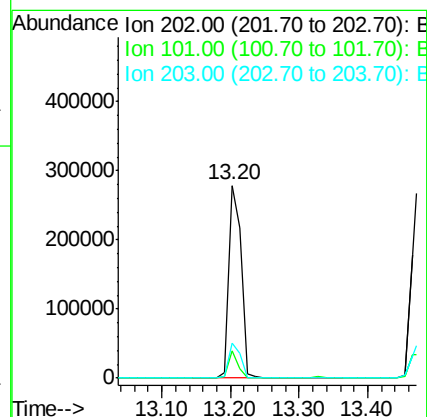
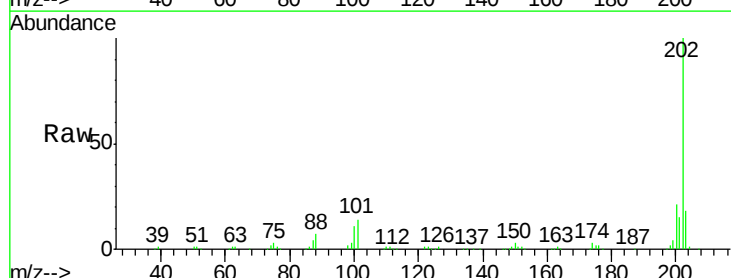
Tgt Ion:202 Resp: 355721

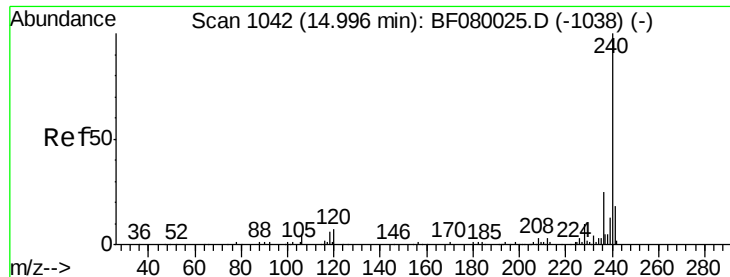
Ion Ratio Lower Upper

202 100

101 14.0 0.0 38.3

203 18.1 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.95 min Scan# 1038

Delta R.T. 0.02 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_F

ClientSampleId :

PB84172BS

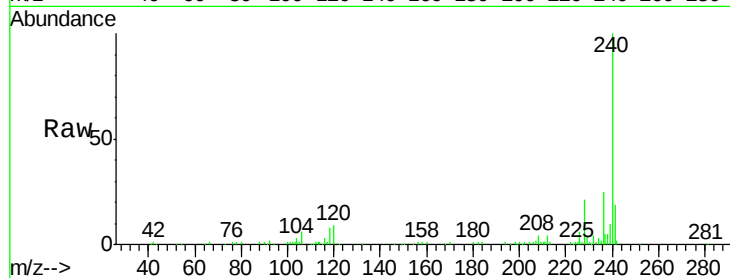
Tgt Ion:240 Resp: 144043

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

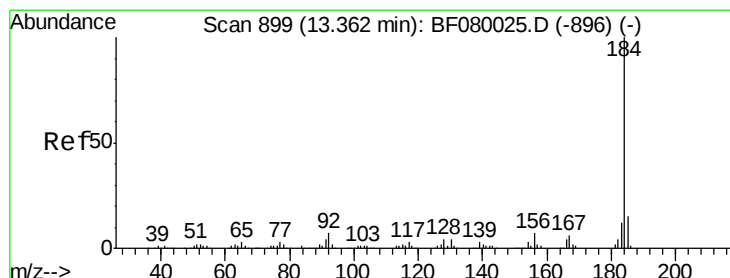
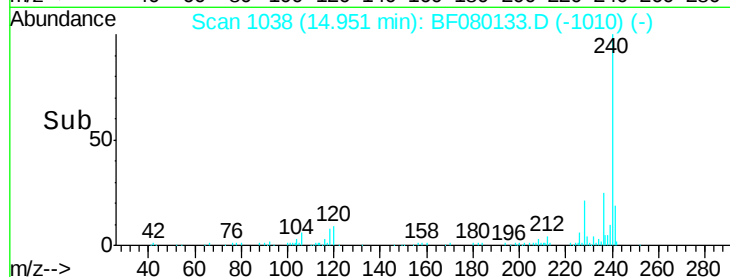
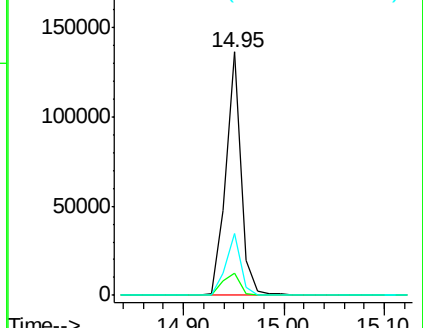
236 25.4 18.4 27.6



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: 52.36 ng

RT: 13.33 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF080133.D

Acq: 24 Jun 2015 15:43

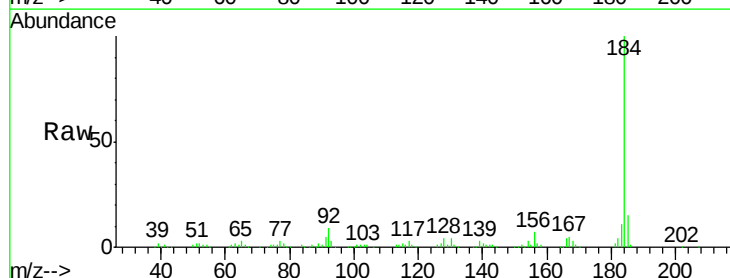
Tgt Ion:184 Resp: 210838

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

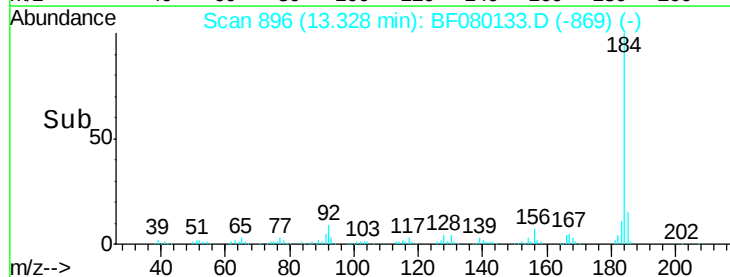
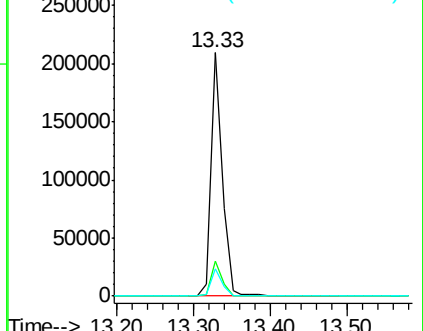
183 11.3 7.6 11.4

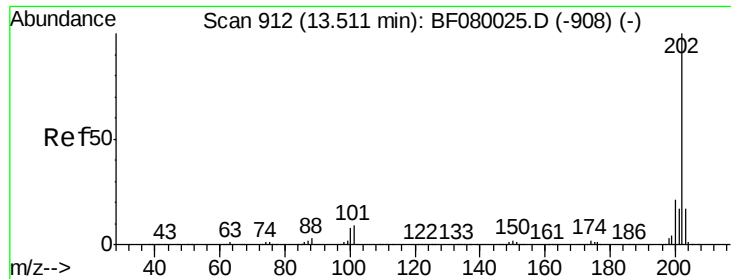


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

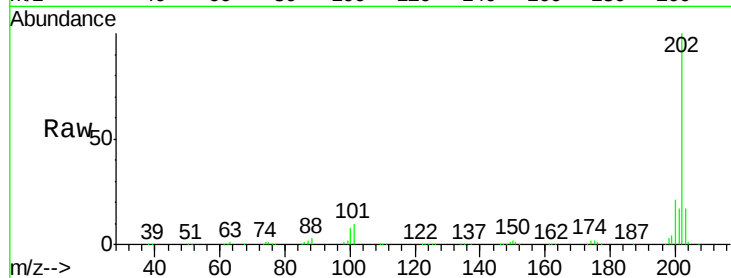




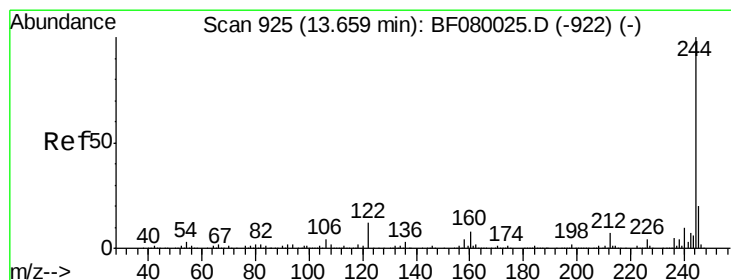
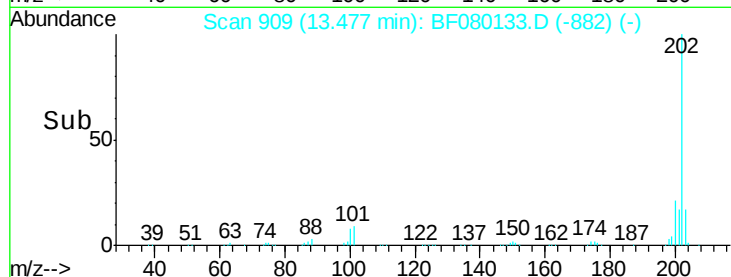
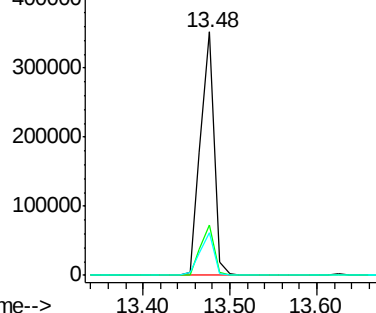
#77
 Pyrene
 Concen: 43.59 ng
 RT: 13.48 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB84172BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	15.0	22.4
203	17.3	14.1	21.1

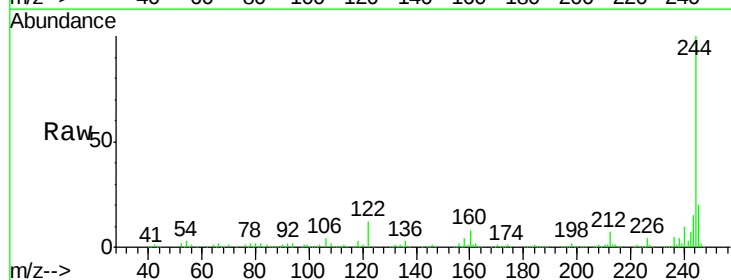


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



#78
 Terphenyl-d14
 Concen: 83.19 ng
 RT: 13.63 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: BF080133.D
 Acq: 24 Jun 2015 15:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.3	6.5#
122	12.3	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

