

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080171.D
 Acq On : 25 Jun 2015 17:42
 Operator : TP/IZ
 Sample : G2748-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC062315MSD

Quant Time: Jun 26 01:21:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	28450	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	113763	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	61128	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	120947	20.00	ng	0.00
75) Chrysene-d12	14.88	240	125778	20.00	ng	0.06
86) Perylene-d12	16.78	264	119318	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.91	112	256868	159.82	ng	0.01
7) Phenol-d6	6.90	99	324407	151.68	ng	0.00
23) Nitrobenzene-d5	7.85	82	233884	119.69	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	102124	170.85	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	427865	99.82	ng	-0.01
78) Terphenyl-d14	13.58	244	536382	99.60	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	32070	41.98	ng	83
3) Pyridine	4.00	79	74065	36.46	ng	# 82
4) n-Nitrosodimethylamine	3.89	42	52187	54.05	ng	98
6) Aniline	6.95	93	86338	29.34	ng	92
8) 2-Chlorophenol	7.08	128	105729	56.92	ng	84
9) Benzaldehyde	6.85	77	40842	33.08	ng	92
10) Phenol	6.92	94	126942	54.39	ng	84
11) bis(2-Chloroethyl)ether	7.02	93	108259	58.46	ng	86
12) 1,3-Dichlorobenzene	7.48	146	108649	48.69	ng	98
13) 1,4-Dichlorobenzene	7.48	146	108662	51.20	ng	98
14) 1,2-Dichlorobenzene	7.48	146	108662	52.62	ng	98
15) Benzyl Alcohol	7.42	79	97678	55.86	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.57	45	176828	64.33	ng	85
17) 2-Methylphenol	7.53	107	86914	54.78	ng	# 89
18) Hexachloroethane	7.82	117	41208	58.32	ng	# 85
19) n-Nitroso-di-n-propylamine	7.69	70	85193	57.37	ng	# 77
20) 3+4-Methylphenols	7.68	107	118921	58.08	ng	91
22) Acetophenone	7.69	105	154403	58.24	ng	# 81
24) Nitrobenzene	7.88	77	116619	57.82	ng	# 77
25) Isophorone	8.10	82	212534	54.04	ng	# 83
26) 2-Nitrophenol	8.20	139	58995	69.88	ng	# 77
27) 2,4-Dimethylphenol	8.22	122	108795	61.80	ng	# 85
28) bis(2-Chloroethoxy)methane	8.31	93	128820	55.75	ng	# 90
29) 2,4-Dichlorophenol	8.44	162	103277	68.50	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	106551	62.23	ng	100
31) Naphthalene	8.61	128	322688	54.25	ng	98
32) Benzoic acid	8.29	122	58952	55.39	ng	# 71
33) 4-Chloroaniline	8.64	127	47660	18.72	ng	# 82
34) Hexachlorobutadiene	8.73	225	57471	54.51	ng	98
35) Caprolactam	8.98	113	24906	50.90	ng	94
36) 4-Chloro-3-methylphenol	9.12	107	97531	57.35	ng	95
37) 2-Methylnaphthalene	9.30	142	243773	63.36	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	107000	60.15	ng	99
40) Hexachlorocyclopentadiene	9.46	237	105071	112.07	ng	98

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

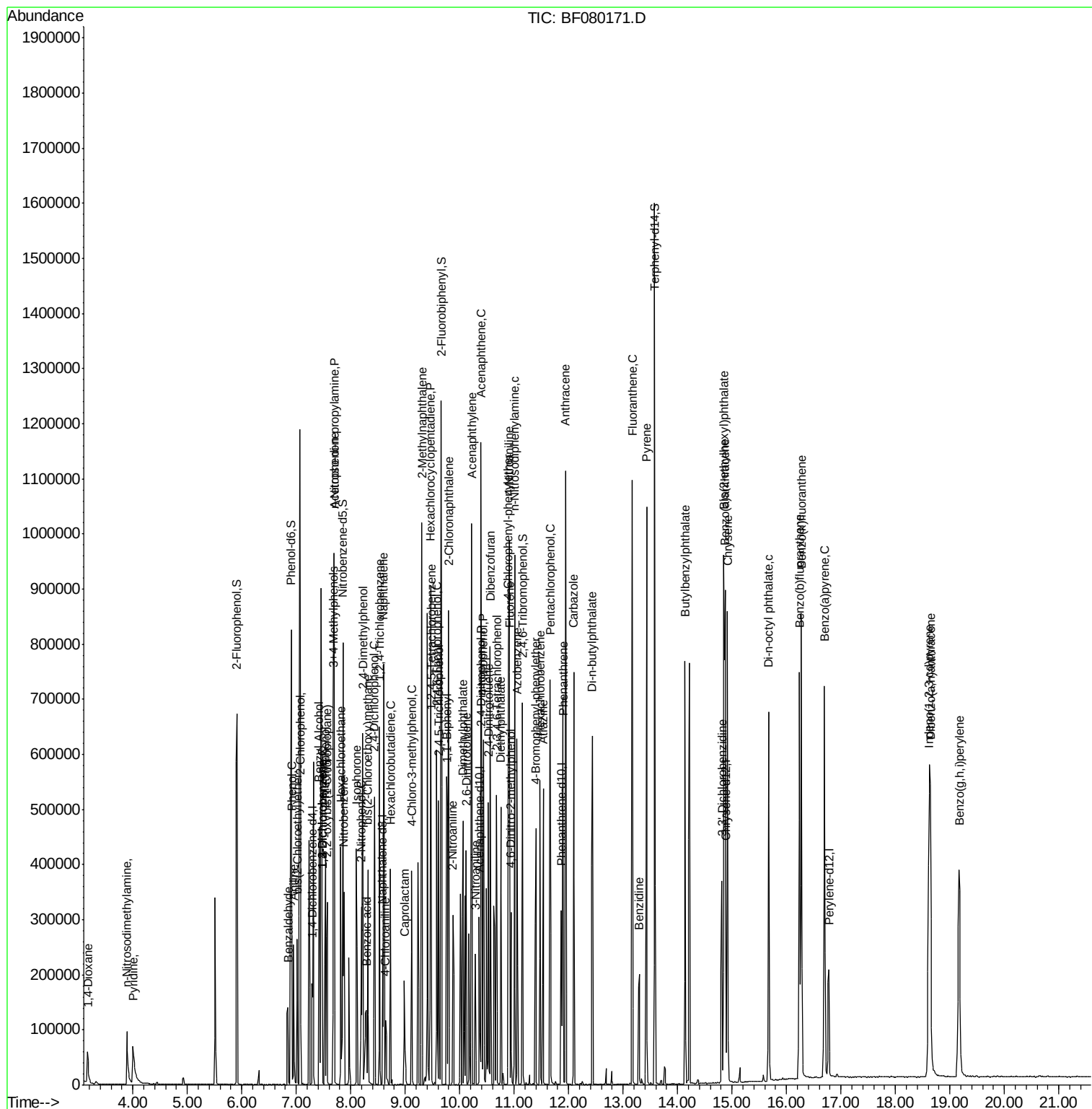
42) 2,4,6-Trichlorophenol	9.58	196	76978	63.60	ng	100
43) 2,4,5-Trichlorophenol	9.61	196	73598	52.78	ng	# 89
45) 1,1'-Biphenyl	9.77	154	262790	52.84	ng	94
46) 2-Chloronaphthalene	9.80	162	223903	55.49	ng	94
47) 2-Nitroaniline	9.88	65	65086	58.75	ng	# 61
48) Acenaphthylene	10.22	152	386494	57.38	ng	97
49) Dimethylphthalate	10.06	163	259845	56.54	ng	# 98
50) 2,6-Dinitrotoluene	10.12	165	52049	56.49	ng	# 44
51) Acenaphthene	10.39	154	241952	58.72	ng	90
52) 3-Nitroaniline	10.29	138	30739	28.92	ng	# 45
53) 2,4-Dinitrophenol	10.40	184	60814	156.18	ng	# 37
54) Dibenzofuran	10.56	168	314258	53.75	ng	# 88
55) 4-Nitrophenol	10.44	139	86766	102.12	ng	# 44
56) 2,4-Dinitrotoluene	10.53	165	79380	67.90	ng	# 82
57) Fluorene	10.92	166	259834	56.01	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	63493	53.93	ng	98
59) Diethylphthalate	10.76	149	248298	53.66	ng	95
60) 4-Chlorophenyl-phenylether	10.89	204	124140	55.68	ng	# 86
61) 4-Nitroaniline	10.90	138	58100	52.92	ng	# 47
62) Azobenzene	11.05	77	244822	51.97	ng	86
64) 4,6-Dinitro-2-methylphenol	10.94	198	35859	55.56	ng	85
65) n-Nitrosodiphenylamine	11.01	169	222346	56.46	ng	92
66) 4-Bromophenyl-phenylether	11.40	248	76946	59.83	ng	# 88
67) Hexachlorobenzene	11.48	284	83220	58.23	ng	# 80
68) Atrazine	11.53	200	70456	56.62	ng	81
69) Pentachlorophenol	11.66	266	88357	109.09	ng	97
70) Phenanthrene	11.90	178	392595	53.62	ng	98
71) Anthracene	11.94	178	404970	57.44	ng	97
72) Carbazole	12.09	167	353969	52.58	ng	95
73) Di-n-butylphthalate	12.44	149	422532	54.33	ng	# 99
74) Fluoranthene	13.17	202	436726	56.00	ng	91
76) Benzidine	13.29	184	120850	34.37	ng	97
77) Pyrene	13.43	202	455297	58.79	ng	96
79) Butylbenzylphthalate	14.14	149	184017	59.17	ng	92
80) Benzo(a)anthracene	14.87	228	426441	55.65	ng	97
81) 3,3'-Dichlorobenzidine	14.81	252	101280	38.32	ng	# 94
82) Chrysene	14.92	228	387262	54.81	ng	95
83) Bis(2-ethylhexyl)phthalate	14.85	149	268583	54.65	ng	# 94
84) Di-n-octyl phthalate	15.67	149	452503	53.73	ng	94
85) Indeno(1,2,3-cd)pyrene	18.62	276	466750	52.38	ng	# 89
87) Benzo(b)fluoranthene	16.24	252	405483	56.13	ng	# 87
88) Benzo(k)fluoranthene	16.28	252	417609	56.77	ng	# 87
89) Benzo(a)pyrene	16.70	252	403628	58.83	ng	# 86
90) Dibenzo(a,h)anthracene	18.64	278	389666	55.49	ng	# 82
91) Benzo(g,h,i)perylene	19.17	276	397748	56.10	ng	# 79

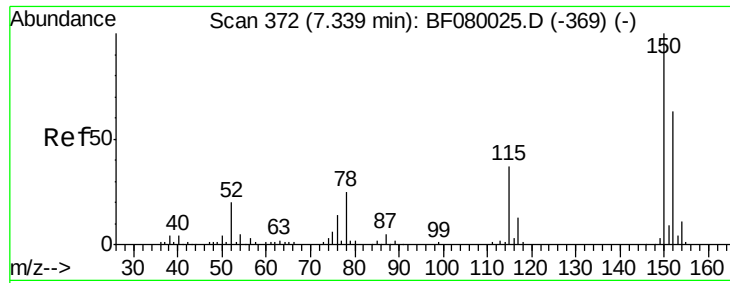
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

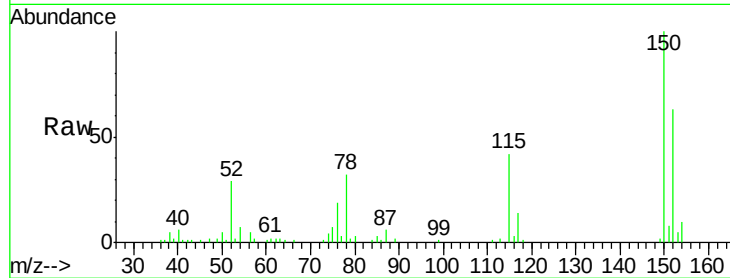
Tgt Ion:152 Resp: 28450

Ion Ratio Lower Upper

152 100

150 159.8 124.7 187.1

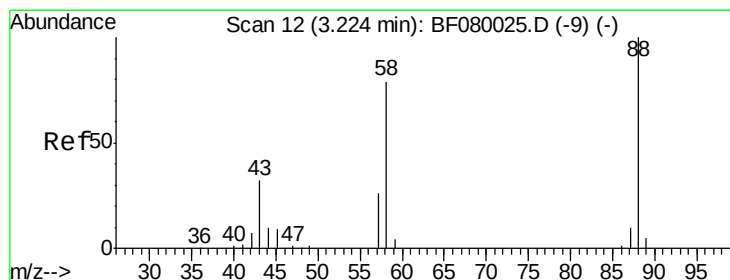
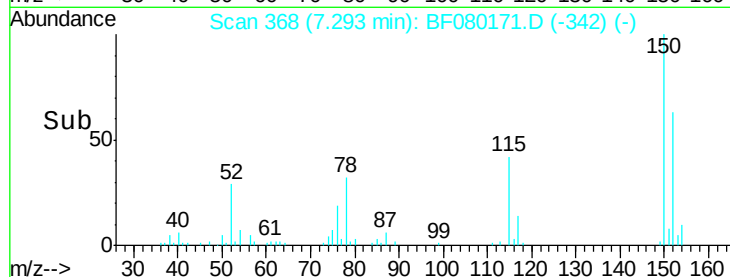
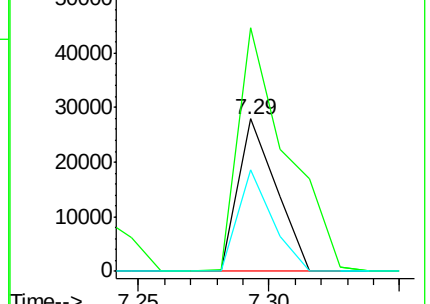
115 66.7 39.0 58.4#



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: 41.98 ng

RT: 3.17 min Scan# 7

Delta R.T. 0.03 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

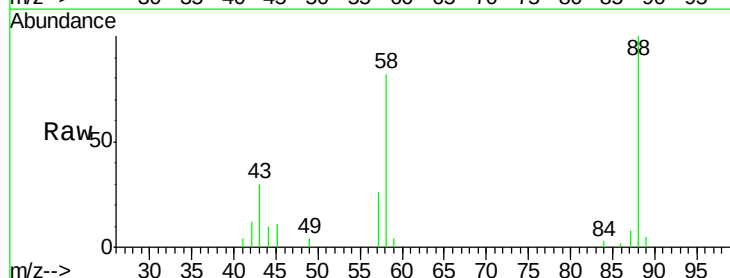
Tgt Ion: 88 Resp: 32070

Ion Ratio Lower Upper

88 100

58 78.1 77.7 116.5

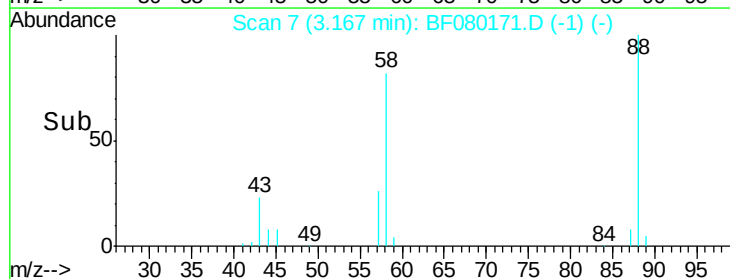
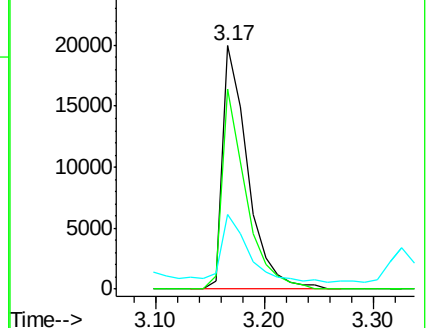
43 27.6 26.6 40.0

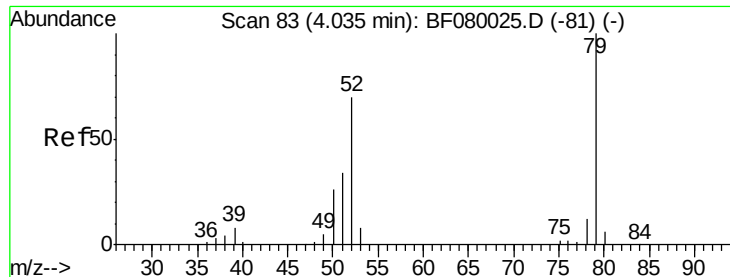


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.46 ng

RT: 4.00 min Scan# 80

Delta R.T. 0.03 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

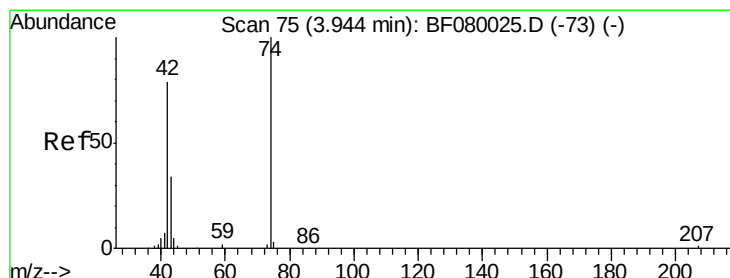
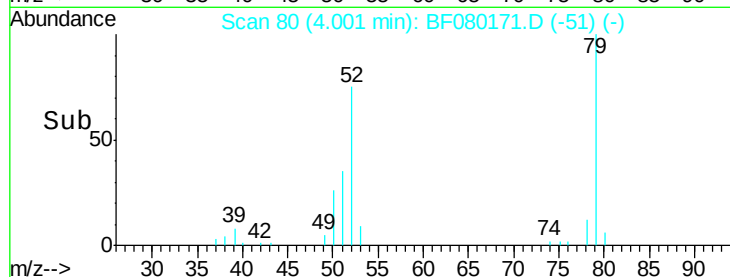
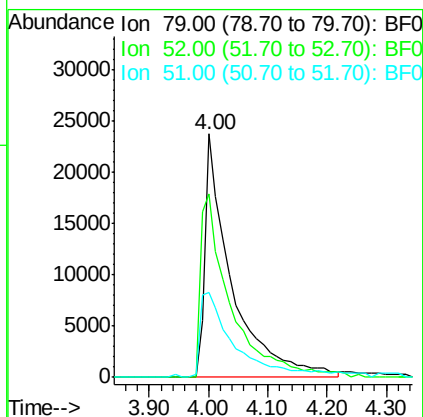
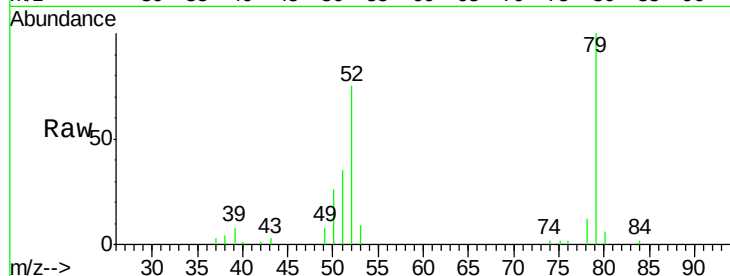
Tgt Ion: 79 Resp: 74065

Ion Ratio Lower Upper

79 100

52 75.1 76.8 115.2#

51 35.0 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 54.05 ng

RT: 3.89 min Scan# 70

Delta R.T. 0.01 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

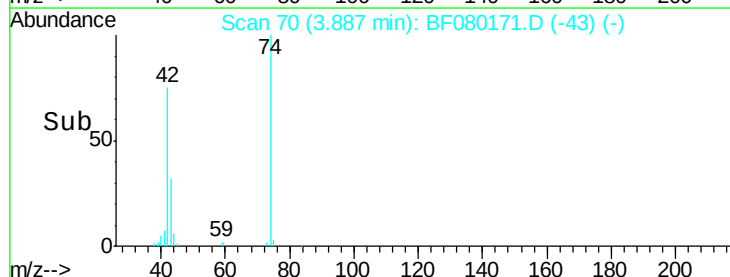
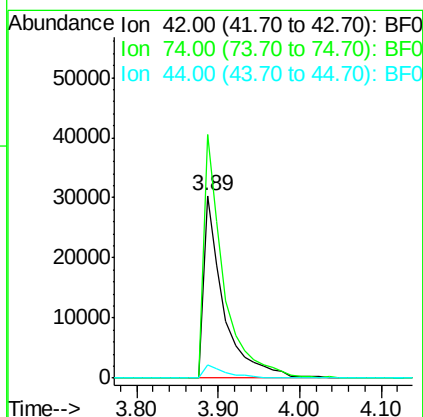
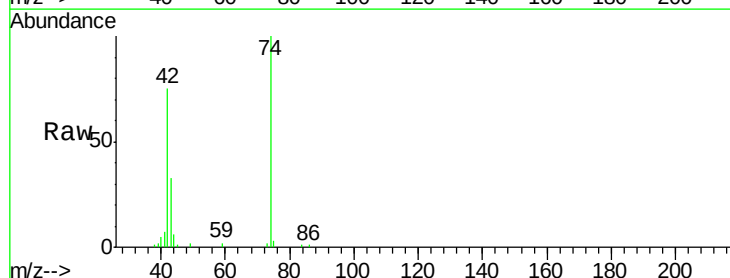
Tgt Ion: 42 Resp: 52187

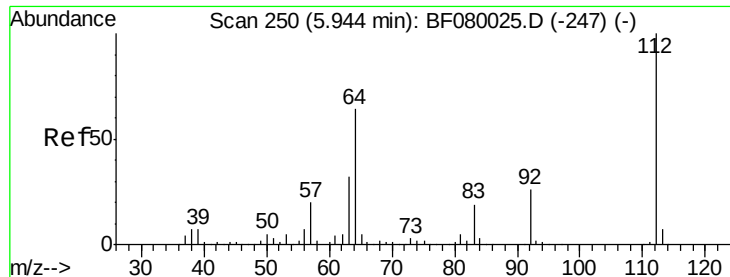
Ion Ratio Lower Upper

42 100

74 133.4 105.0 157.6

44 7.4 6.6 10.0





#5

2-Fluorophenol

Concen: 159.82 ng

RT: 5.91 min Scan# 247

Delta R.T. 0.01 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

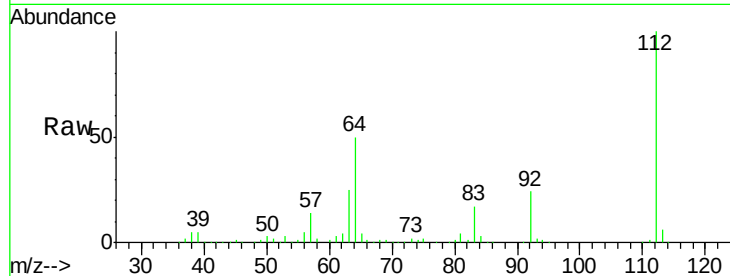
Tgt Ion: 112 Resp: 256868

Ion Ratio Lower Upper

112 100

64 49.9 39.7 59.5

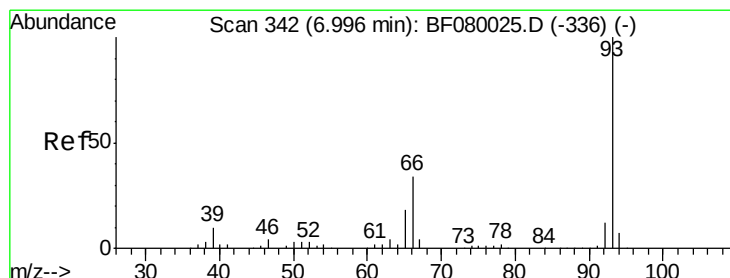
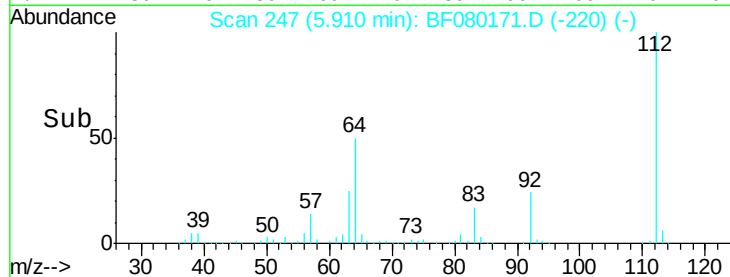
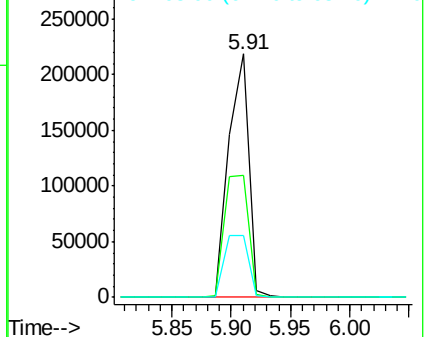
63 25.5 17.4 26.0



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: 29.34 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

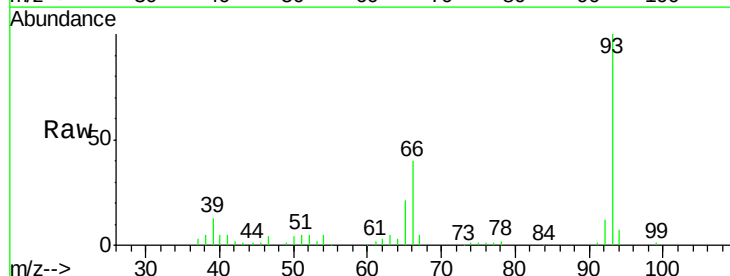
Tgt Ion: 93 Resp: 86338

Ion Ratio Lower Upper

93 100

66 39.5 27.2 40.8

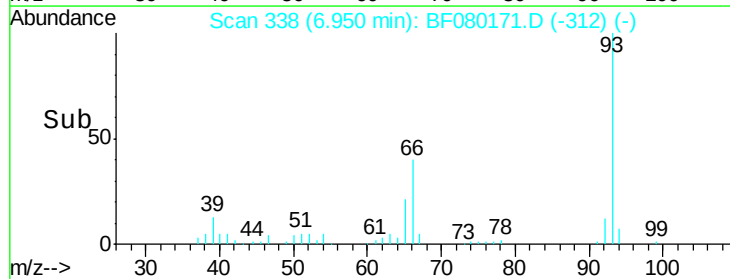
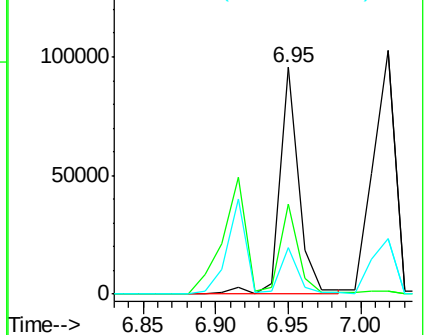
65 20.5 14.7 22.1

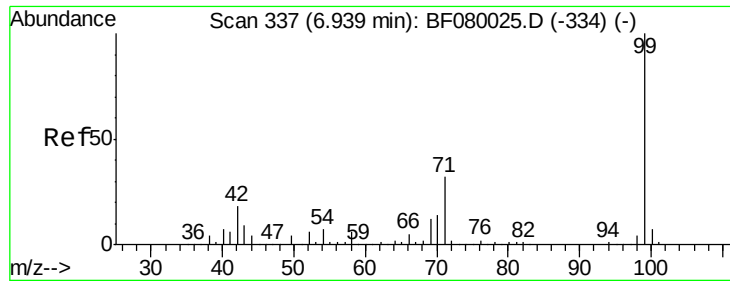


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 151.68 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.00 min

Lab File: BF080171.D

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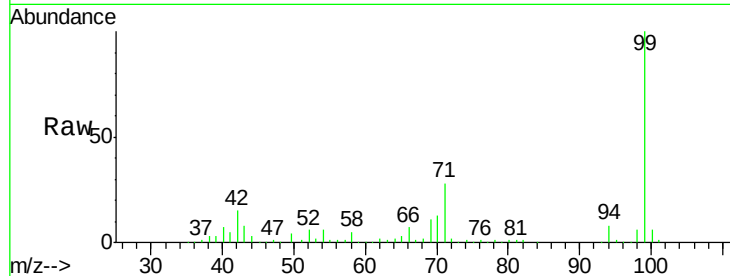
Tgt Ion: 99 Resp: 324407

Ion Ratio Lower Upper

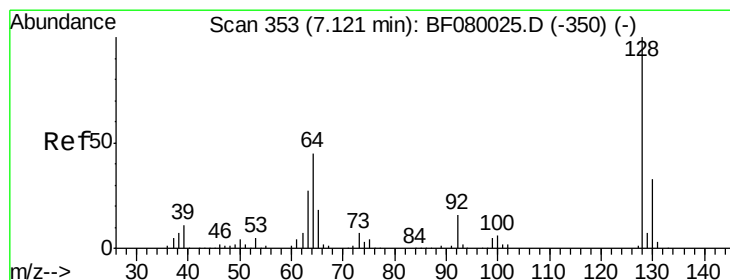
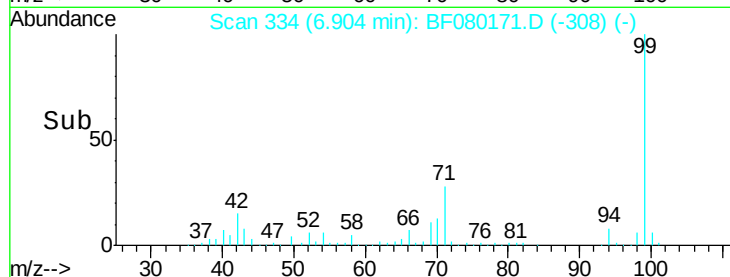
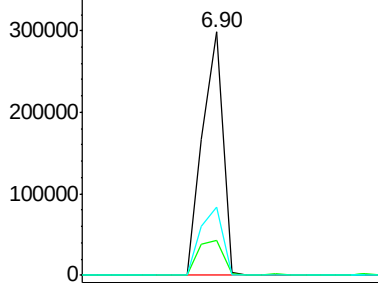
99 100

42 14.5 13.7 20.5

71 28.2 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: 56.92 ng

RT: 7.08 min Scan# 349

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

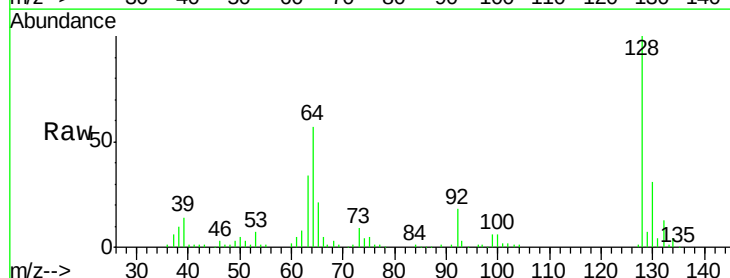
Tgt Ion: 128 Resp: 105729

Ion Ratio Lower Upper

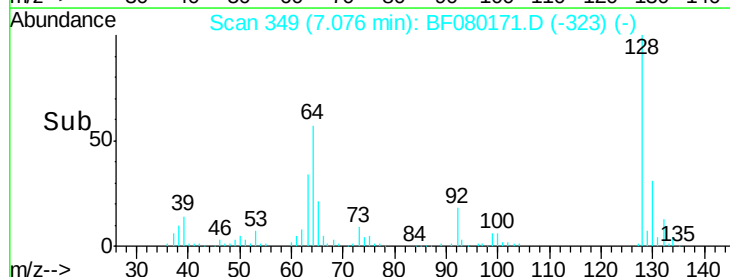
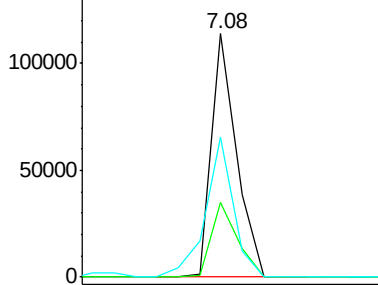
128 100

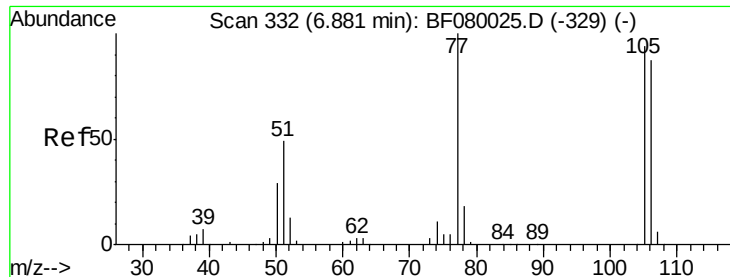
130 30.6 12.2 52.2

64 57.2 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: 33.08 ng

RT: 6.85 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

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BNA_F

ClientSampleId :

WC062315MSD

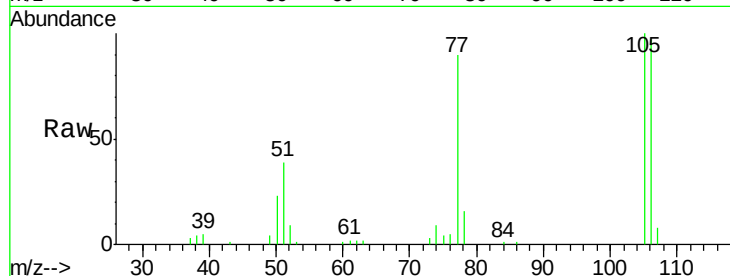
Tgt Ion: 77 Resp: 40842

Ion Ratio Lower Upper

77 100

105 110.5 91.6 131.6

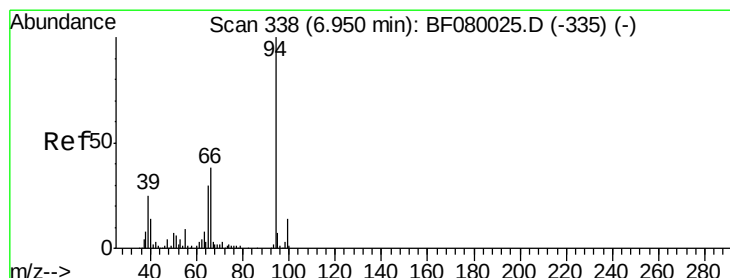
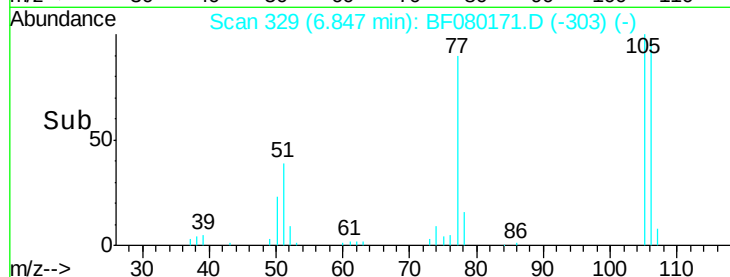
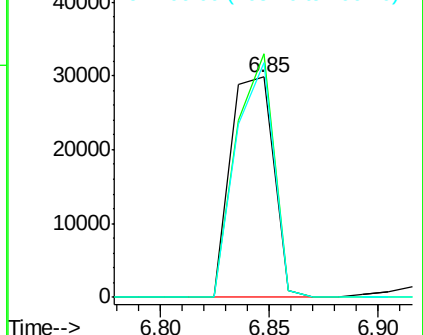
106 106.8 102.6 142.6



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: 54.39 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

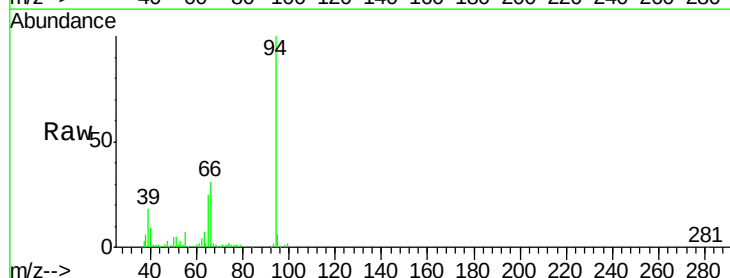
Tgt Ion: 94 Resp: 126942

Ion Ratio Lower Upper

94 100

65 25.3 0.7 40.7

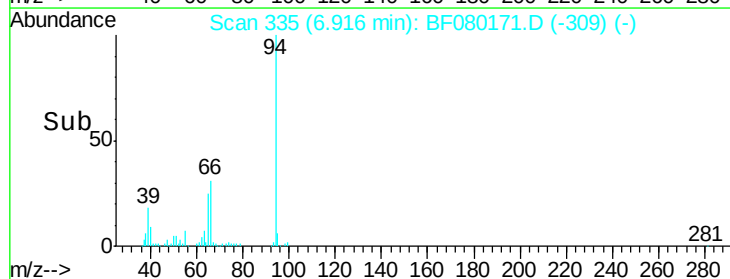
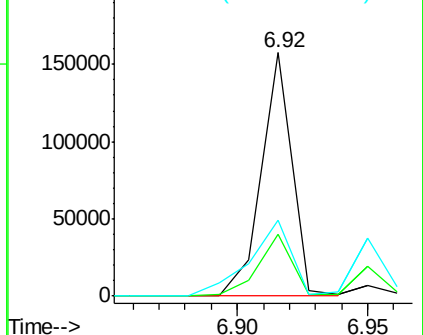
66 31.3 0.8 40.8

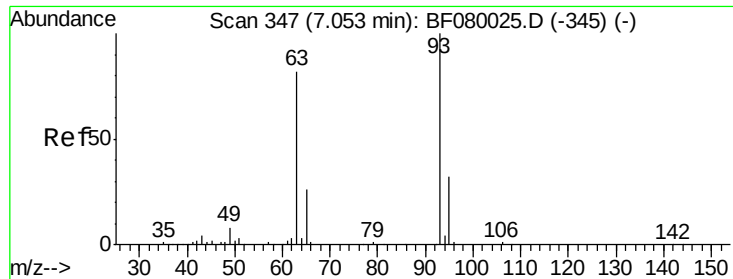


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

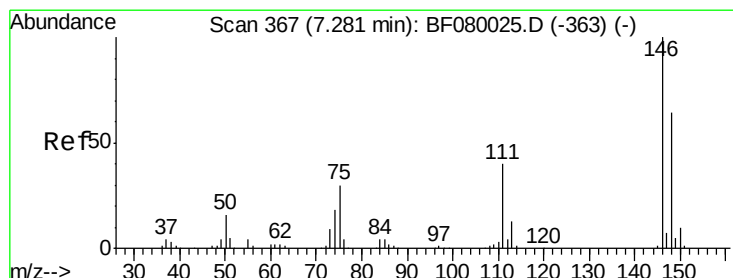
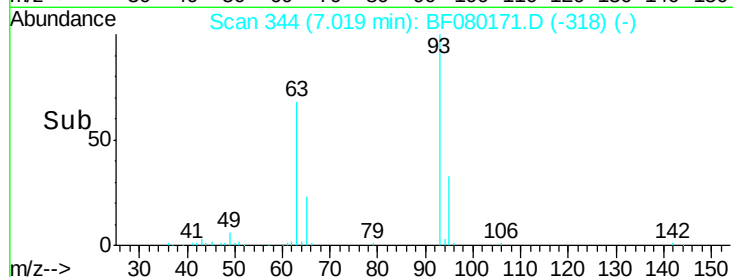
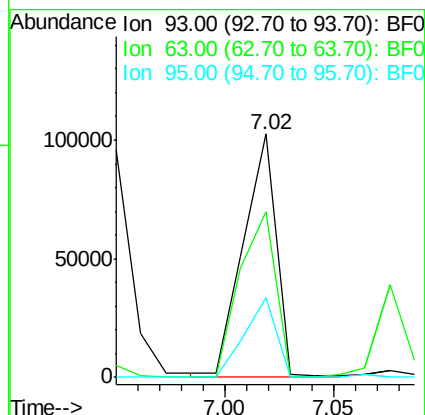
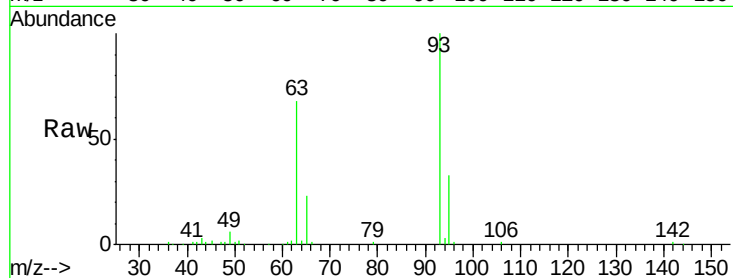




#11
 bis(2-Chloroethyl)ether
 Concen: 58.46 ng
 RT: 7.02 min Scan# 344
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

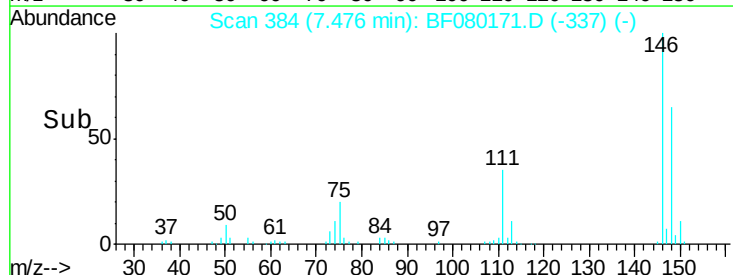
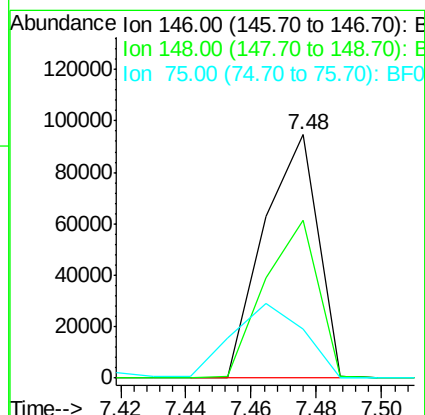
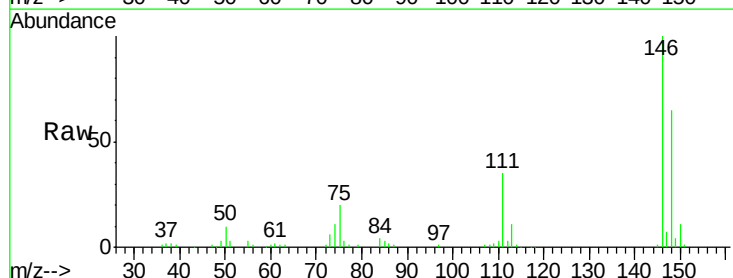
Instrument :
 BNA_F
 ClientSampleId :
 WC062315MSD

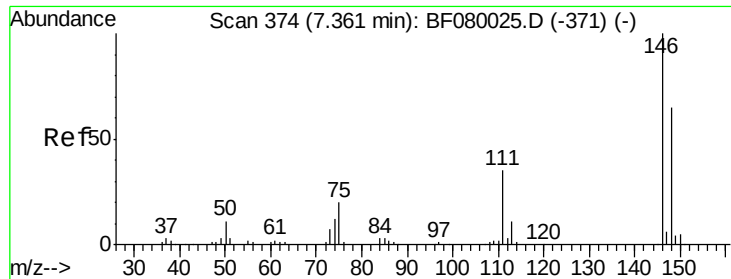
Tgt Ion: 93 Resp: 108259
 Ion Ratio Lower Upper
 93 100
 63 67.8 65.6 105.6
 95 32.7 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 48.69 ng
 RT: 7.48 min Scan# 384
 Delta R.T. 0.24 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Tgt Ion: 146 Resp: 108649
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.4
 75 20.2 15.0 22.6

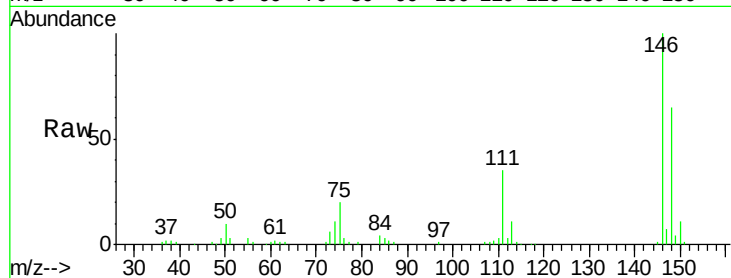




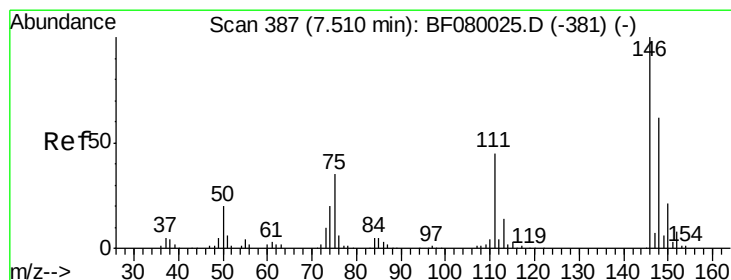
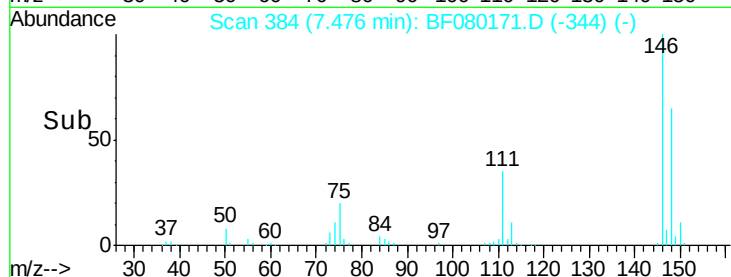
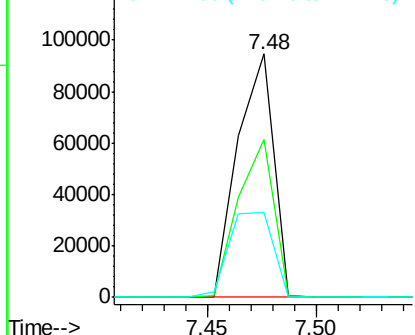
#13
 1,4-Dichlorobenzene
 Concen: 51.20 ng
 RT: 7.48 min Scan# 384
 Delta R.T. 0.16 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Instrument :
 BNA_F
 ClientSampleId :
 WC062315MSD

Tgt Ion:146 Resp: 108662
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.8 77.6
 111 34.7 24.9 37.3

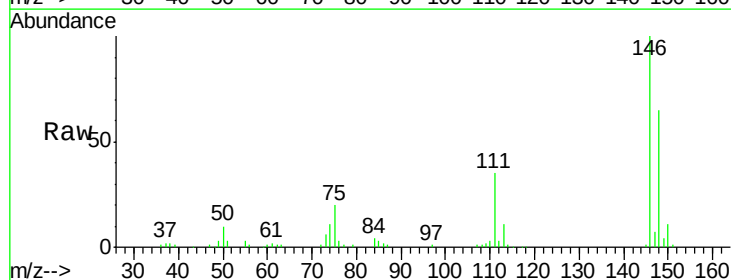


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

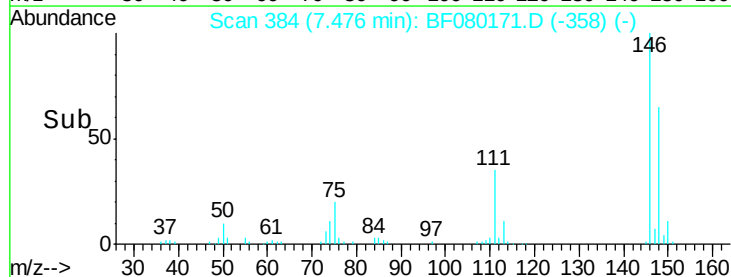
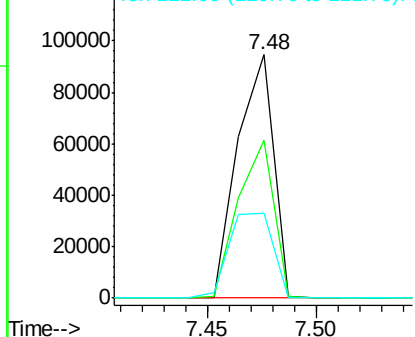


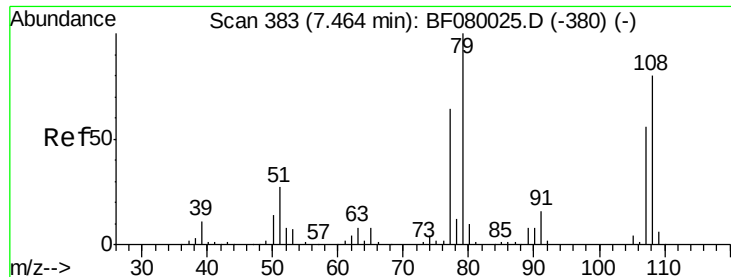
#14
 1,2-Dichlorobenzene
 Concen: 52.62 ng
 RT: 7.48 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Tgt Ion:146 Resp: 108662
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.7 79.1
 111 34.7 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: 55.86 ng

RT: 7.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

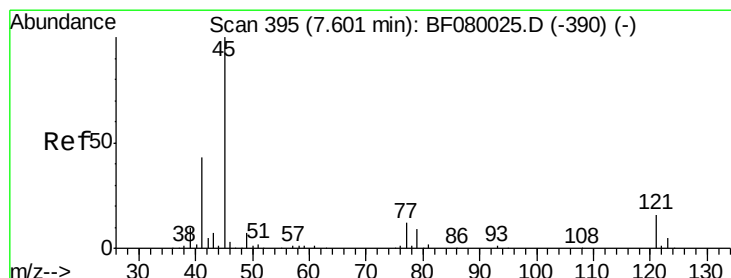
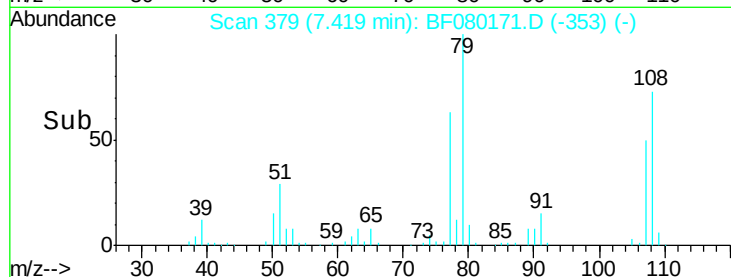
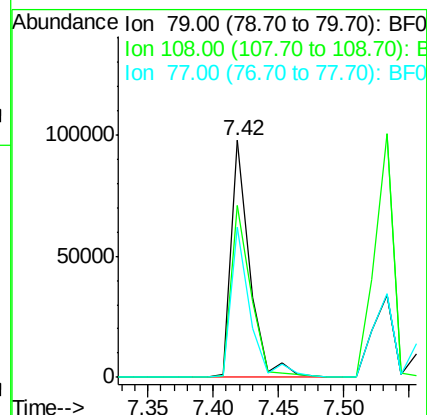
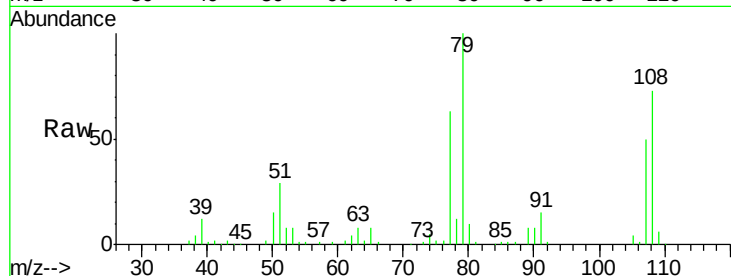
Tgt Ion: 79 Resp: 97678

Ion Ratio Lower Upper

79 100

108 72.7 88.6 132.8#

77 63.3 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 64.33 ng

RT: 7.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

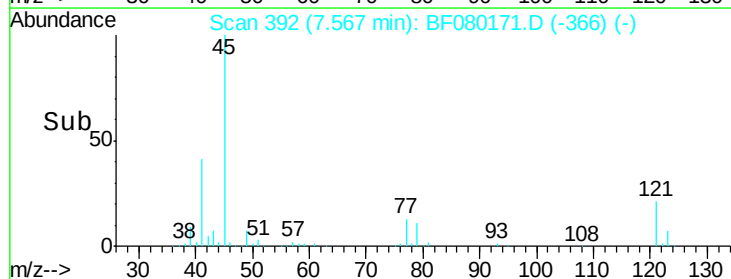
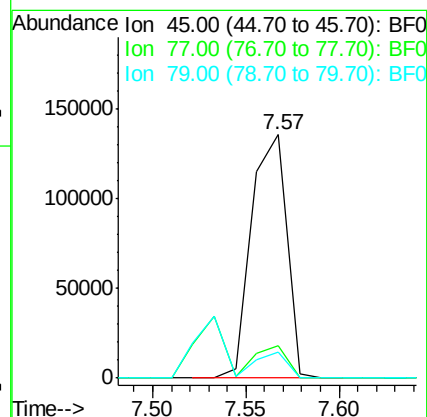
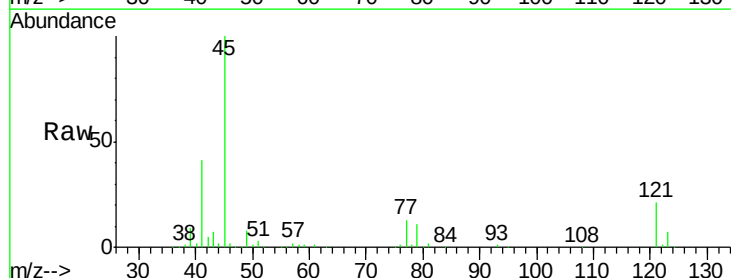
Tgt Ion: 45 Resp: 176828

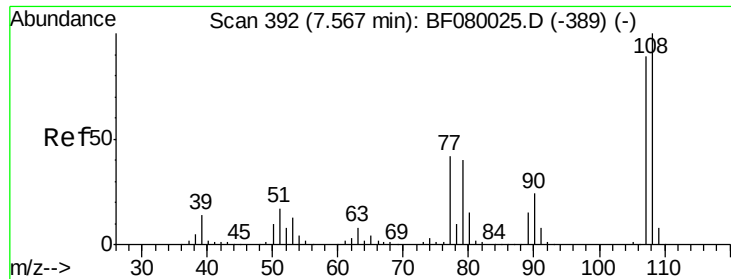
Ion Ratio Lower Upper

45 100

77 13.4 0.0 28.1

79 10.8 0.0 26.0

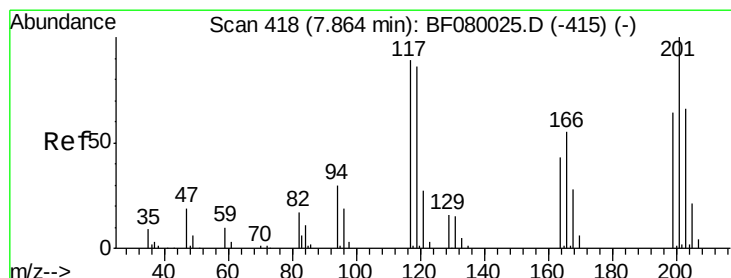
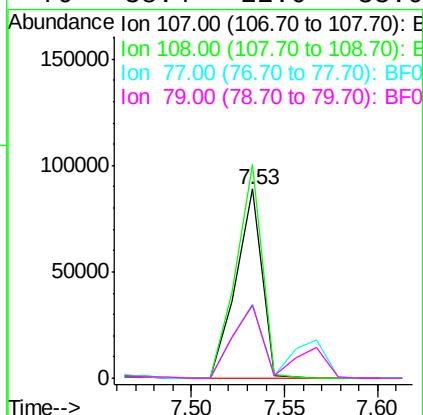
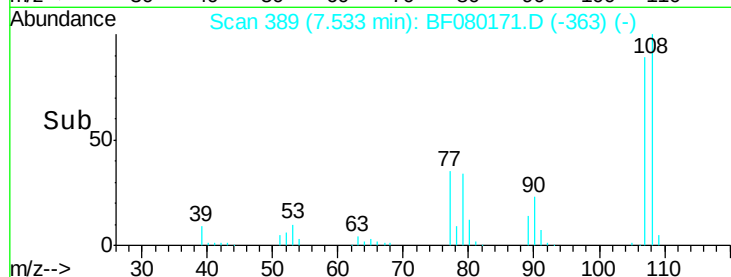
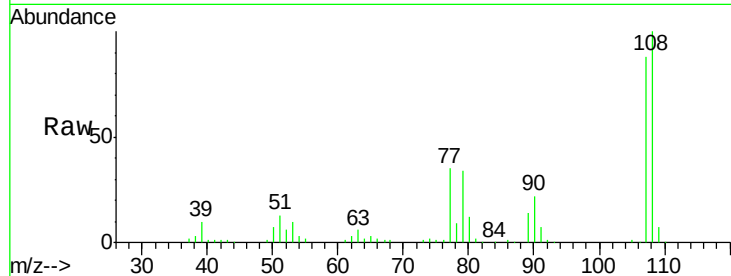




#17
2-Methylphenol
Concen: 54.78 ng
RT: 7.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF080171.D
Acq: 25 Jun 2015 17:42

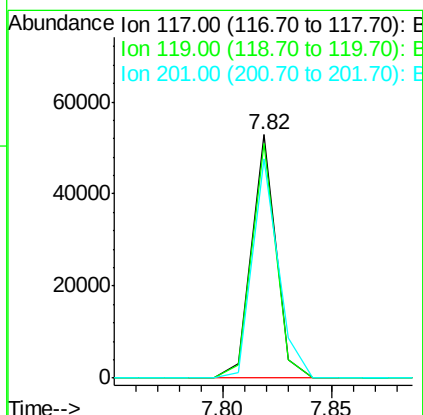
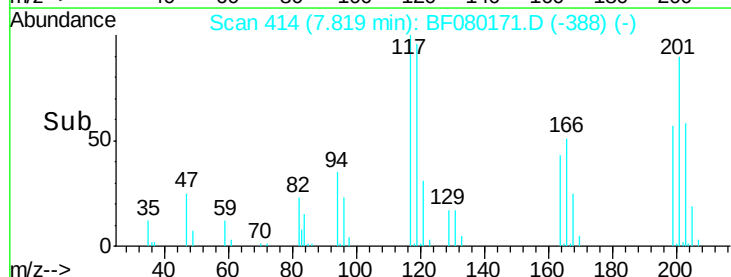
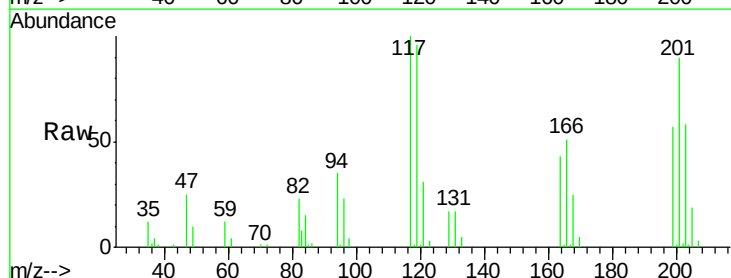
Instrument :
BNA_F
ClientSampleId :
WC062315MSD

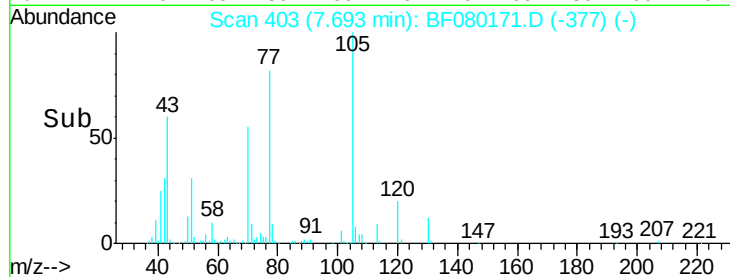
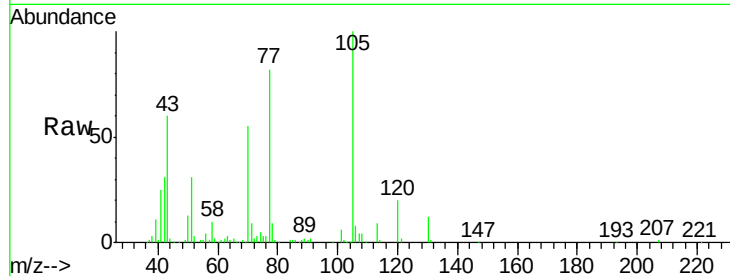
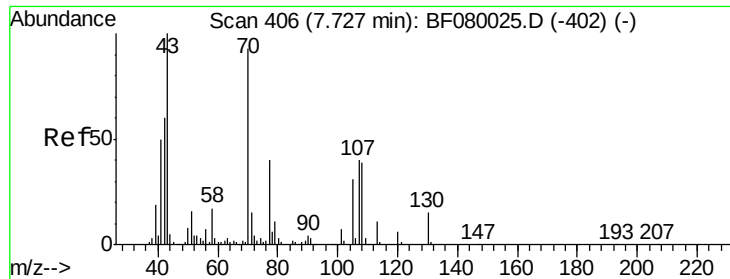
Tgt Ion:107 Resp: 86914
Ion Ratio Lower Upper
107 100
108 113.0 96.6 145.0
77 39.0 23.3 34.9#
79 38.4 22.0 33.0#



#18
Hexachloroethane
Concen: 58.32 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF080171.D
Acq: 25 Jun 2015 17:42

Tgt Ion:117 Resp: 41208
Ion Ratio Lower Upper
117 100
119 96.2 83.8 125.6
201 90.1 55.1 82.7#

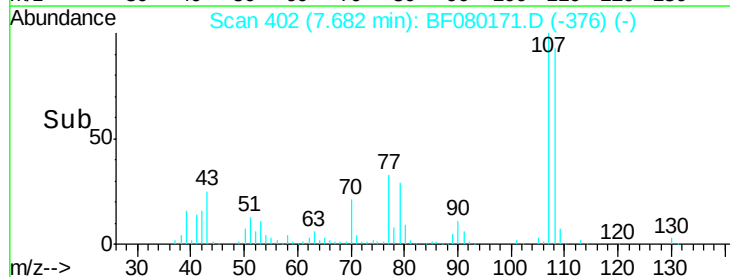
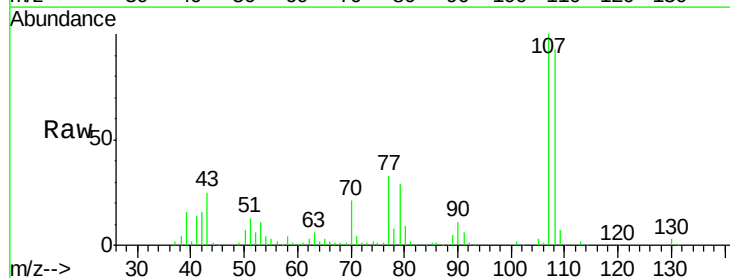
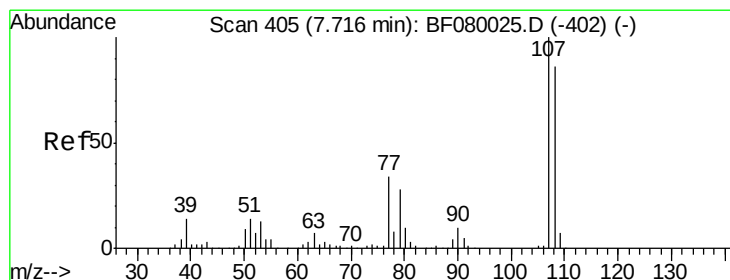
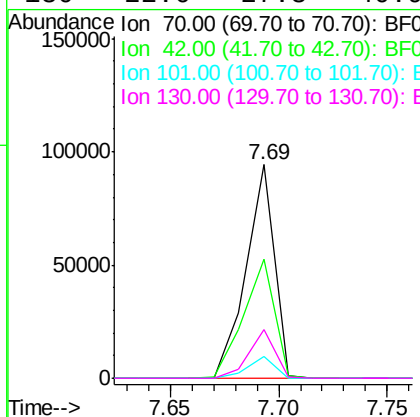




#19
n-Nitroso-di-n-propylamine
Concen: 57.37 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF080171.D
Acq: 25 Jun 2015 17:42

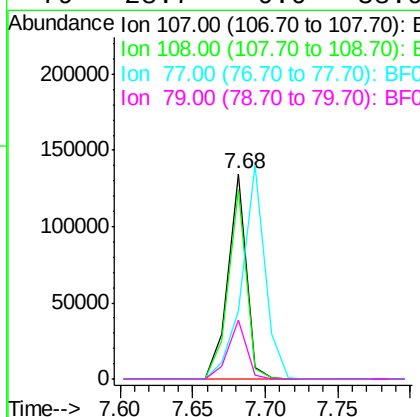
Instrument :
BNA_F
ClientSampleId :
WC062315MSD

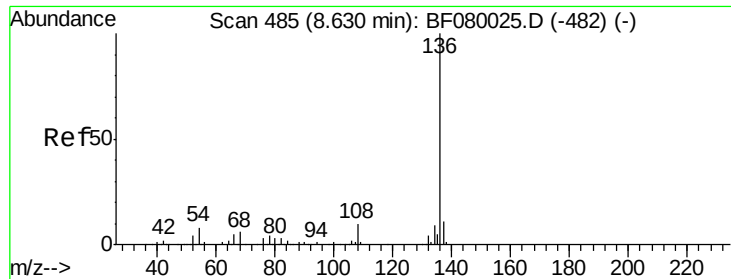
Tgt Ion: 70 Resp: 85193
Ion Ratio Lower Upper
70 100
42 55.7 63.8 95.6#
101 10.2 9.2 13.8
130 22.6 27.3 40.9#



#20
3+4-Methylphenols
Concen: 58.08 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF080171.D
Acq: 25 Jun 2015 17:42

Tgt Ion: 107 Resp: 118921
Ion Ratio Lower Upper
107 100
108 92.7 74.6 114.6
77 33.3 0.7 40.7
79 28.7 0.0 38.9

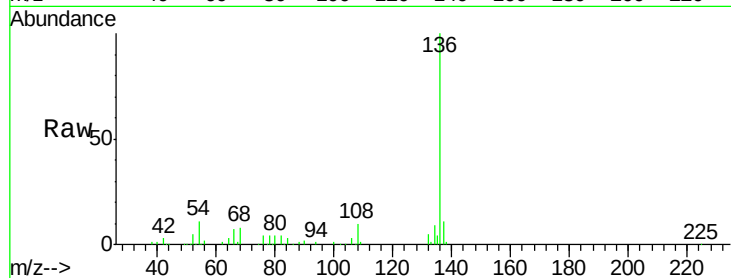




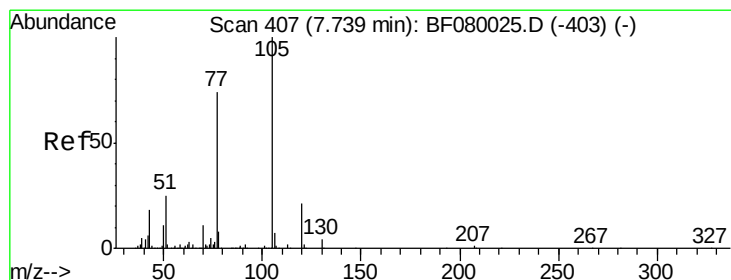
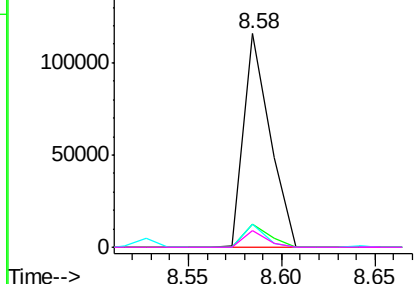
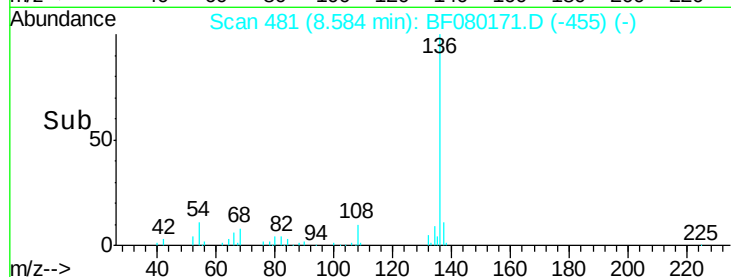
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF080171.D
Acq: 25 Jun 2015 17:42

Instrument :
BNA_F
ClientSampleId :
WC062315MSD

Tgt Ion:	136	Resp:	113763
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.9	8.2	12.2
68	7.8	5.8	8.6

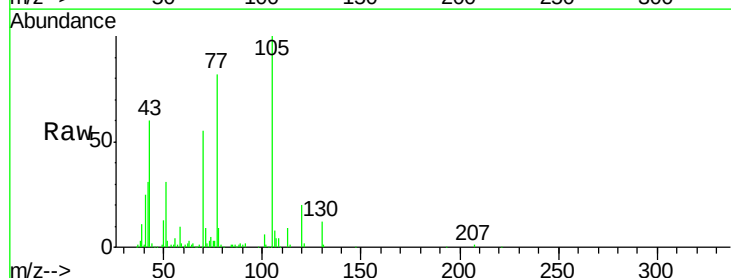


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

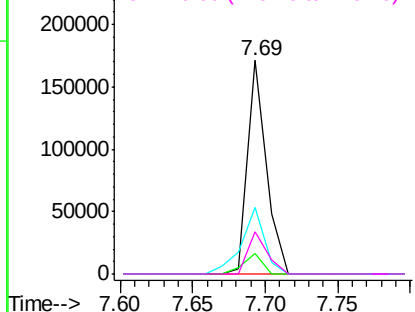
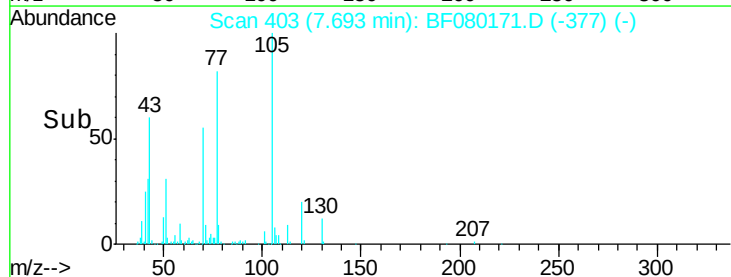


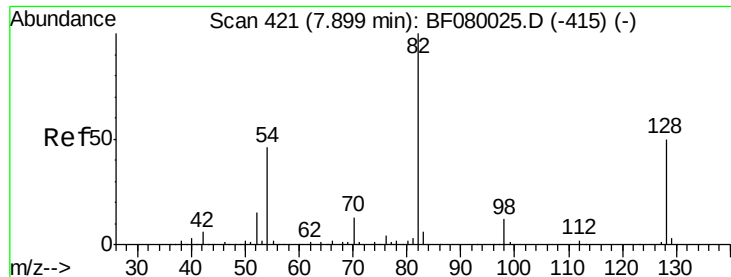
#22
Acetophenone
Concen: 58.24 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF080171.D
Acq: 25 Jun 2015 17:42

Tgt Ion:	105	Resp:	154403
Ion	Ratio	Lower	Upper
105	100		
71	9.4	4.7	7.1#
51	31.2	22.0	33.0
120	20.0	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

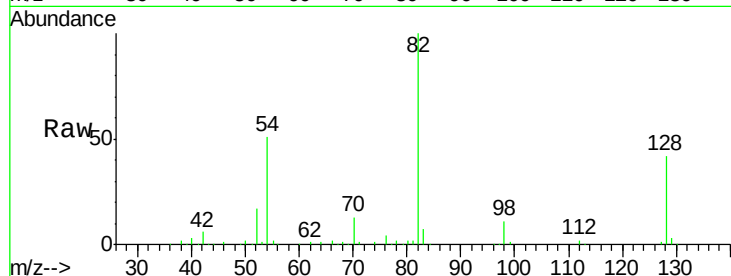




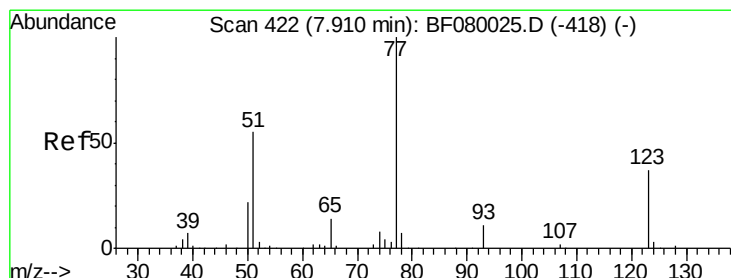
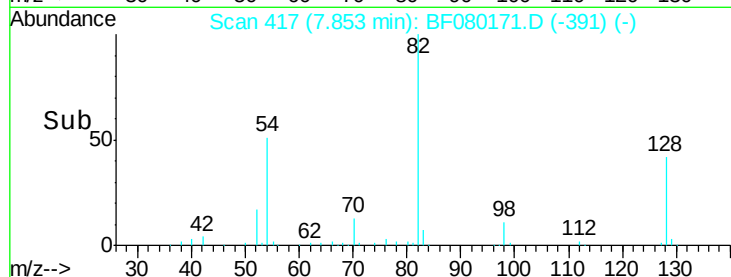
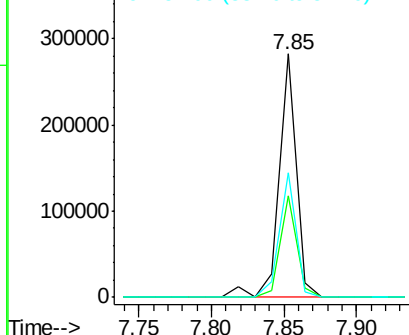
#23
 Nitrobenzene-d5
 Concen: 119.69 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Instrument :
 BNA_F
 ClientSampleId :
 WC062315MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	51.0	76.6#
54	50.9	47.5	71.3

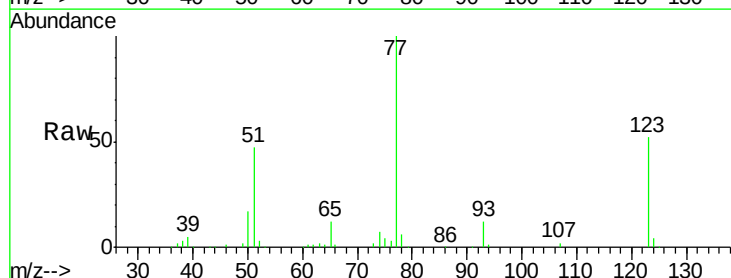


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

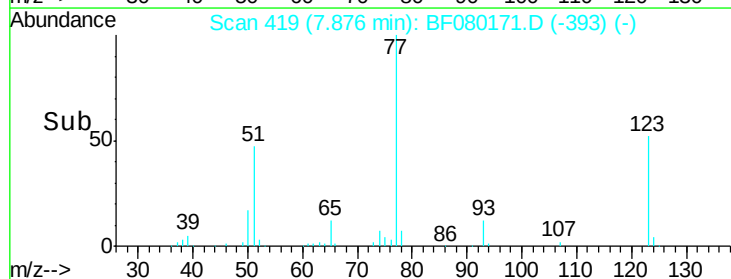
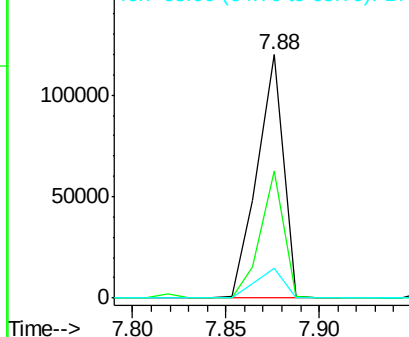


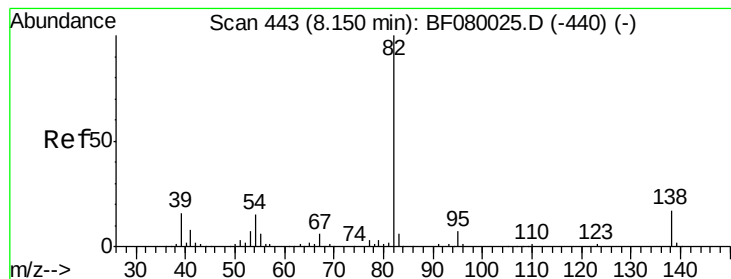
#24
 Nitrobenzene
 Concen: 57.82 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.0	59.8	89.8#
65	12.3	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: 54.04 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

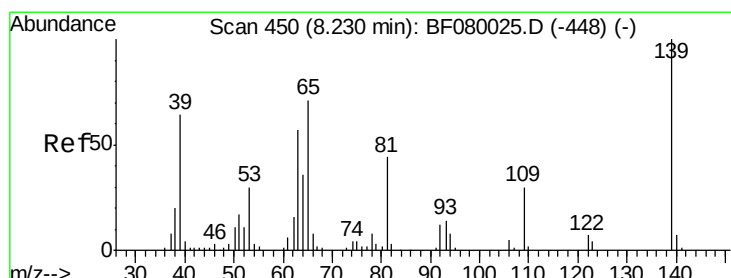
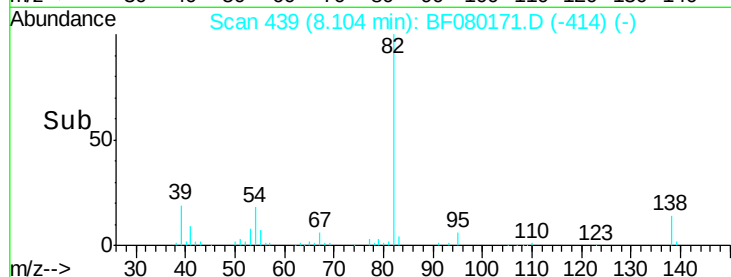
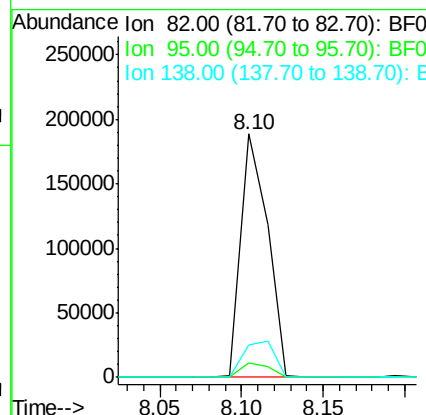
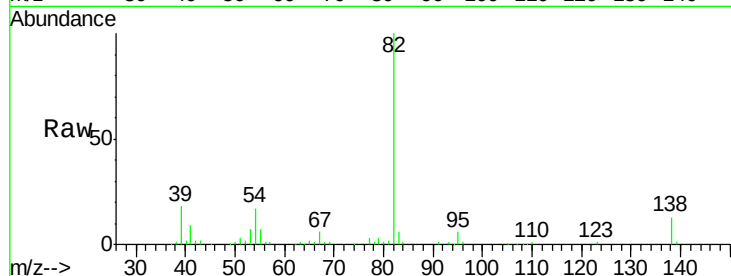
Tgt Ion: 82 Resp: 212534

Ion Ratio Lower Upper

82 100

95 6.1 4.0 6.0#

138 13.1 18.3 27.5#



#26

2-Nitrophenol

Concen: 69.88 ng

RT: 8.20 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

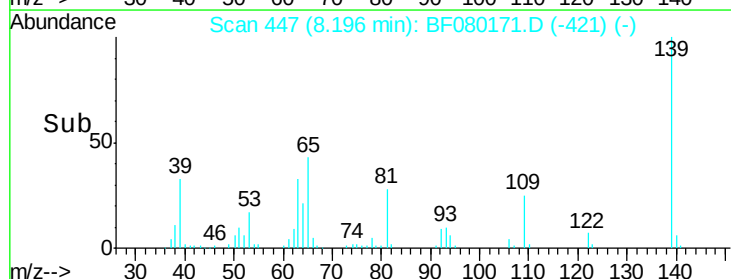
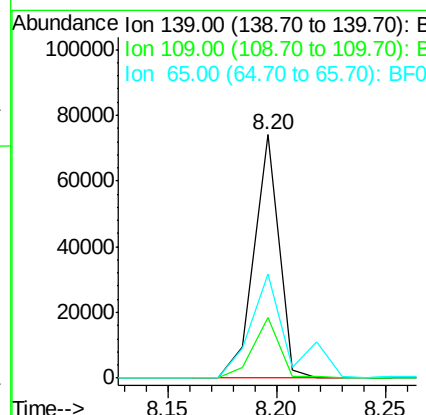
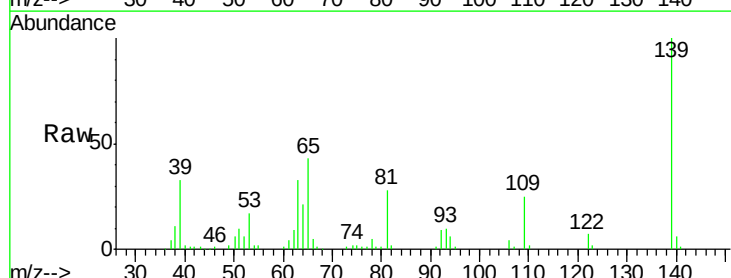
Tgt Ion: 139 Resp: 58995

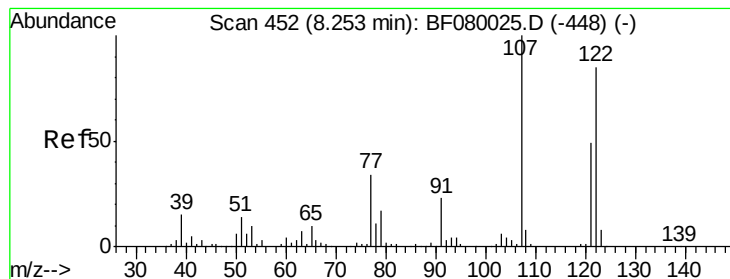
Ion Ratio Lower Upper

139 100

109 24.6 11.0 16.4#

65 42.8 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 61.80 ng

RT: 8.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

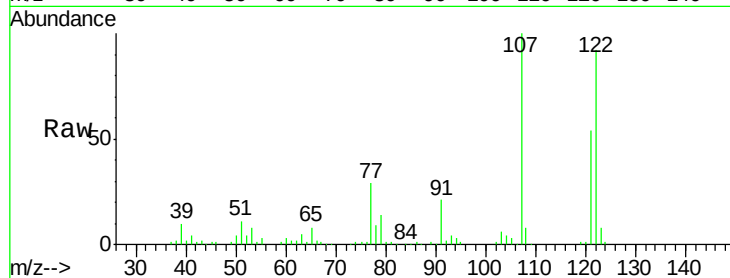
Tgt Ion:122 Resp: 108795

Ion Ratio Lower Upper

122 100

107 108.6 71.8 107.6#

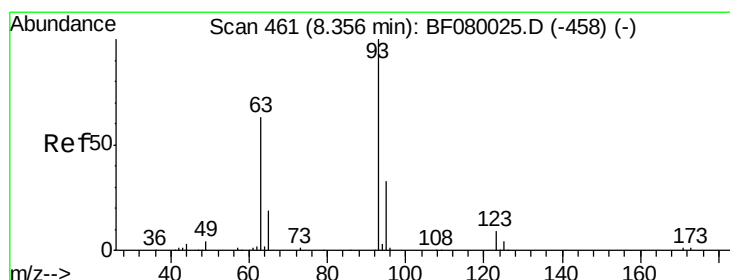
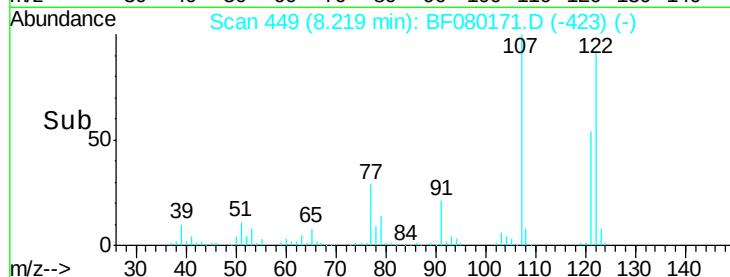
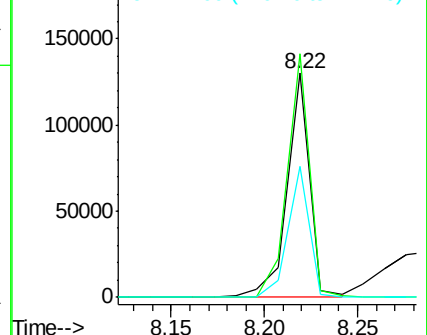
121 58.2 42.3 63.5



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: 55.75 ng

RT: 8.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

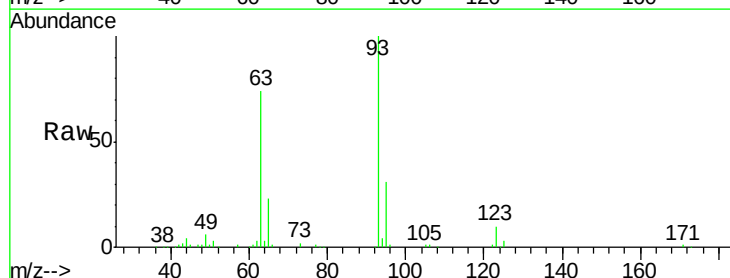
Tgt Ion: 93 Resp: 128820

Ion Ratio Lower Upper

93 100

95 31.2 27.5 41.3

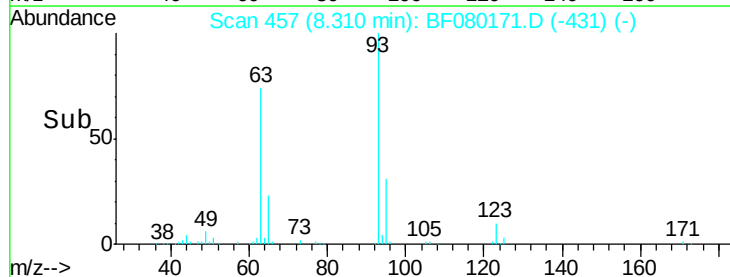
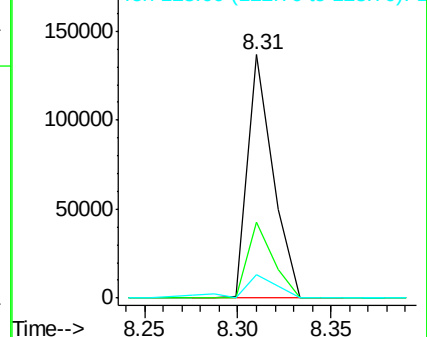
123 9.5 13.7 20.5#

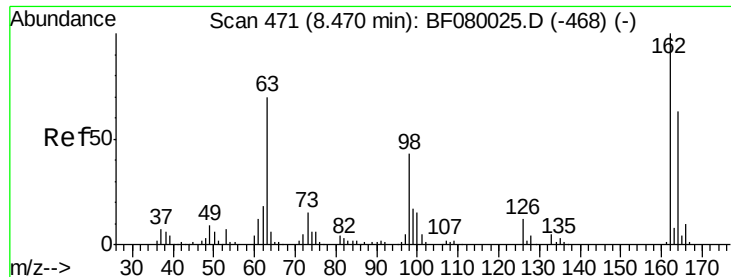


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

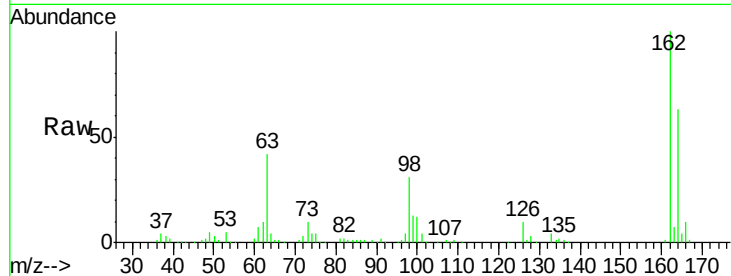




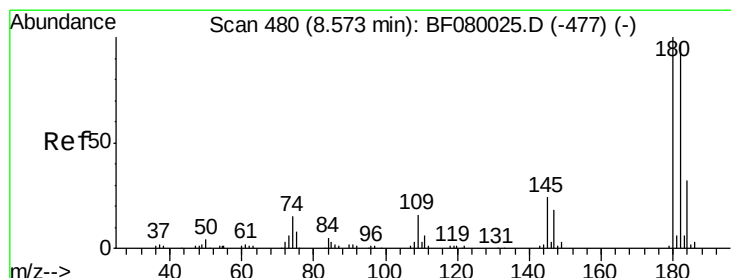
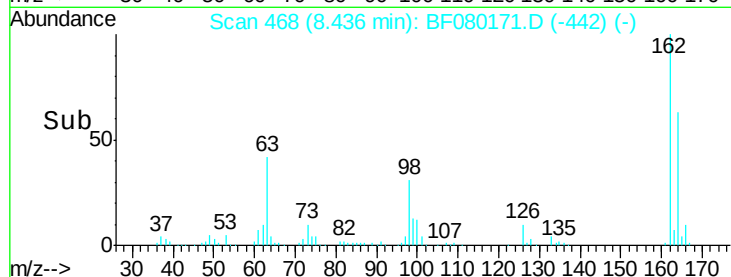
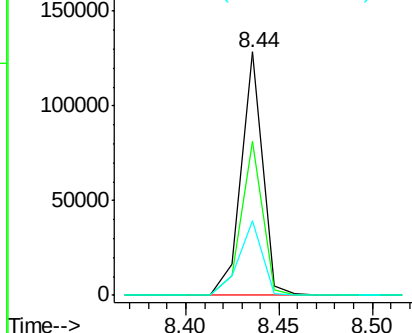
#29
 2,4-Dichlorophenol
 Concen: 68.50 ng
 RT: 8.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Instrument :
 BNA_F
 ClientSampleId :
 WC062315MSD

Tgt Ion:162 Resp: 103277
 Ion Ratio Lower Upper
 162 100
 164 63.3 44.9 84.9
 98 30.8 13.0 53.0

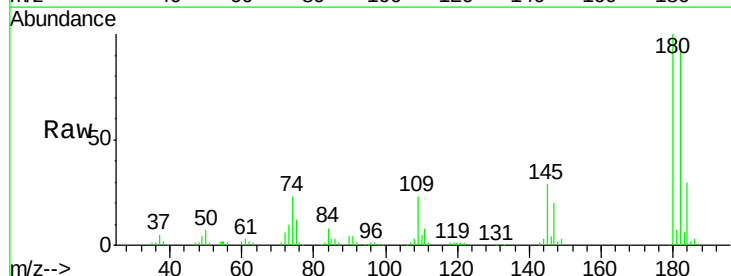


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

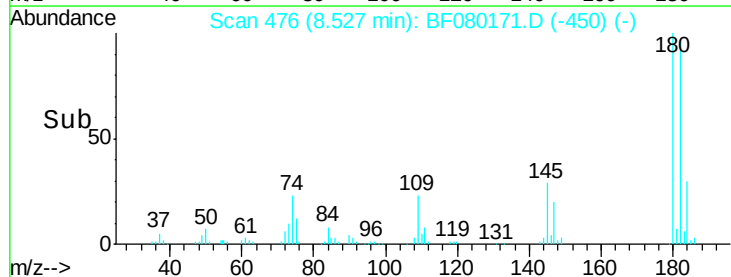
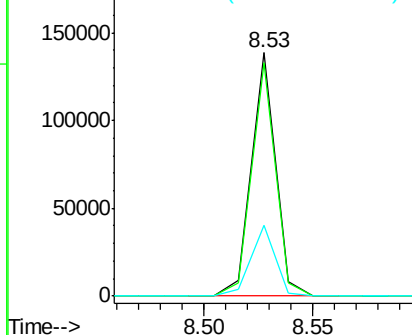


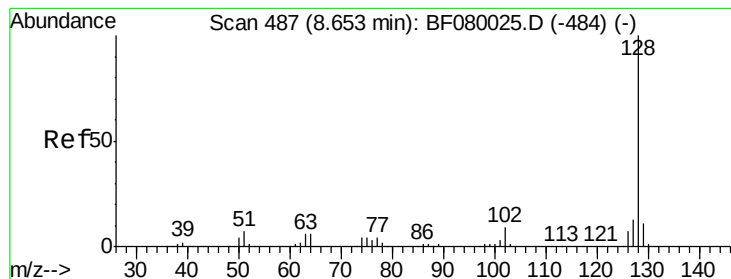
#30
 1,2,4-Trichlorobenzene
 Concen: 62.23 ng
 RT: 8.53 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Tgt Ion:180 Resp: 106551
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.1 115.7
 145 29.0 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: 54.25 ng

RT: 8.61 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

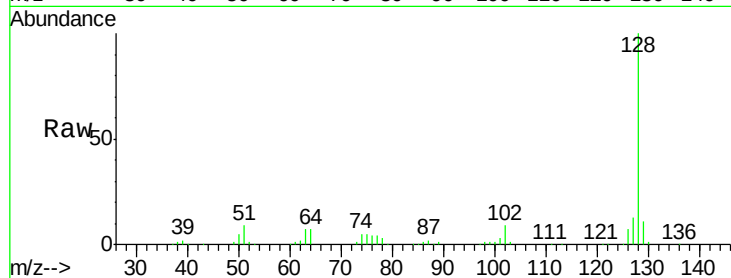
Tgt Ion:128 Resp: 322688

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

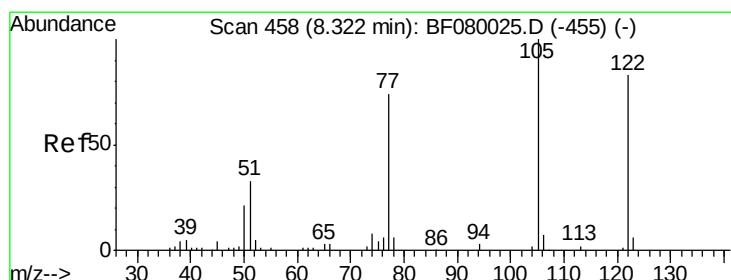
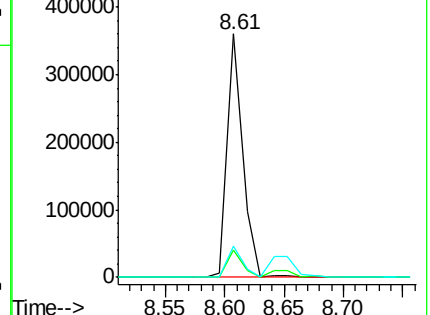
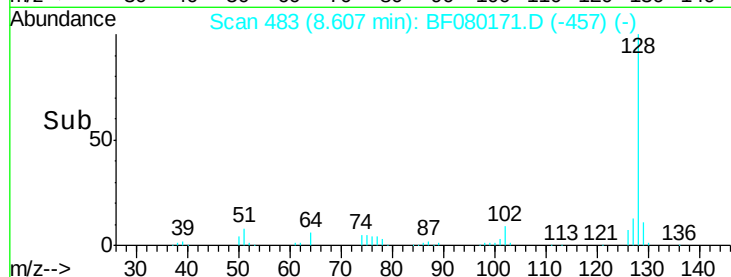
127 13.0 9.9 14.9



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: 55.39 ng

RT: 8.29 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

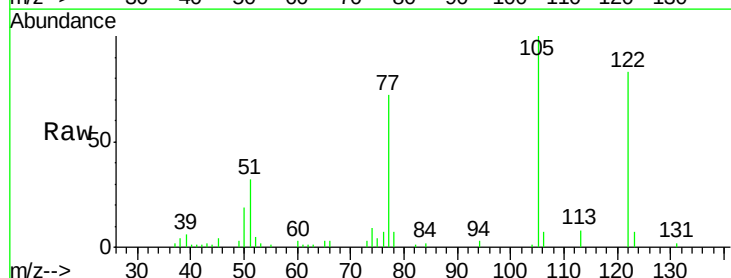
Tgt Ion:122 Resp: 58952

Ion Ratio Lower Upper

122 100

105 120.9 76.1 116.1#

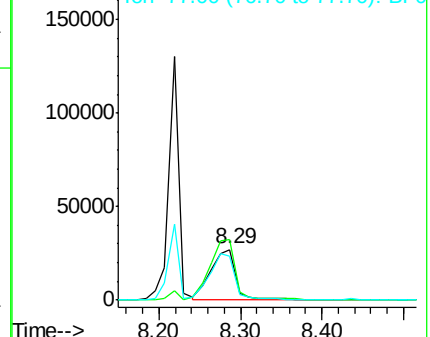
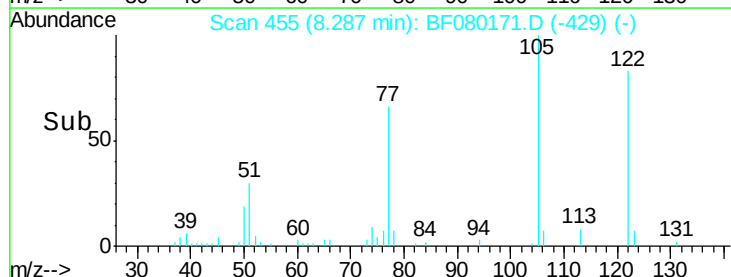
77 87.5 40.5 80.5#

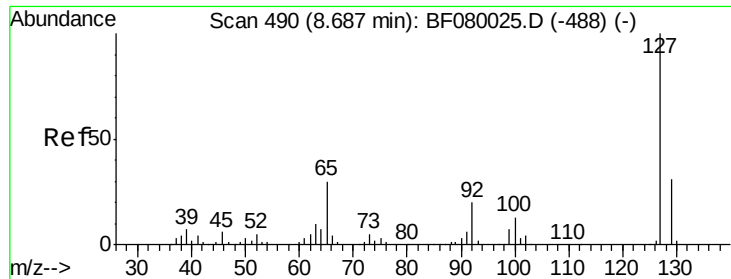


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

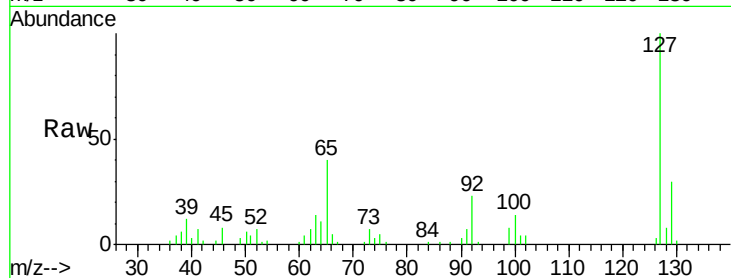




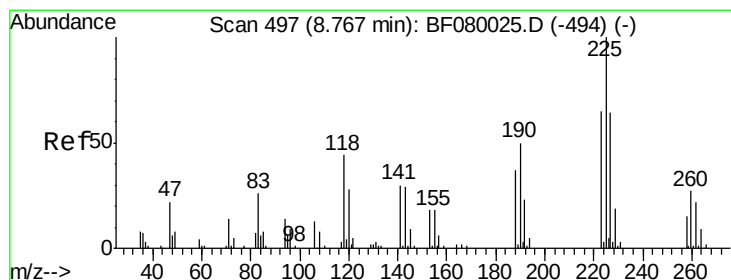
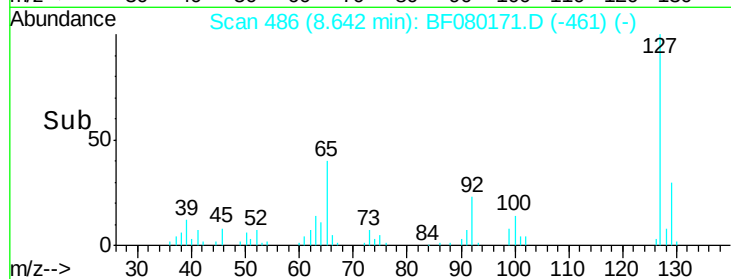
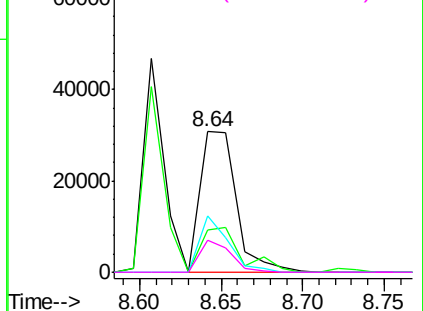
#33
4-Chloroaniline
Concen: 18.72 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF080171.D
Acq: 25 Jun 2015 17:42

Instrument :
BNA_F
ClientSampleId :
WC062315MSD

Tgt Ion:	127	Resp:	47660
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.8	38.6
65	40.1	17.9	26.9#
92	23.0	10.5	15.7#

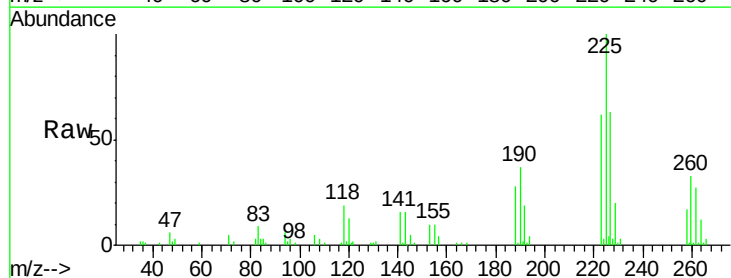


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

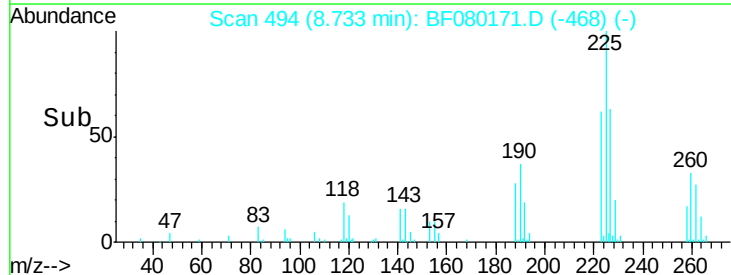
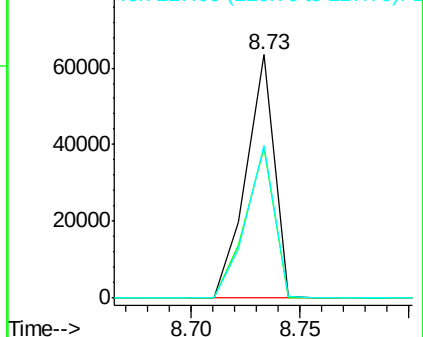


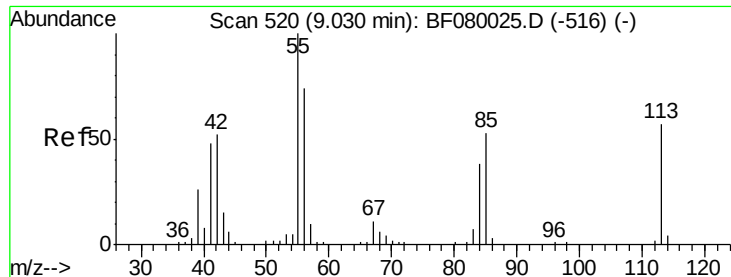
#34
Hexachlorobutadiene
Concen: 54.51 ng
RT: 8.73 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF080171.D
Acq: 25 Jun 2015 17:42

Tgt Ion:	225	Resp:	57471
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.2	75.2
227	62.7	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

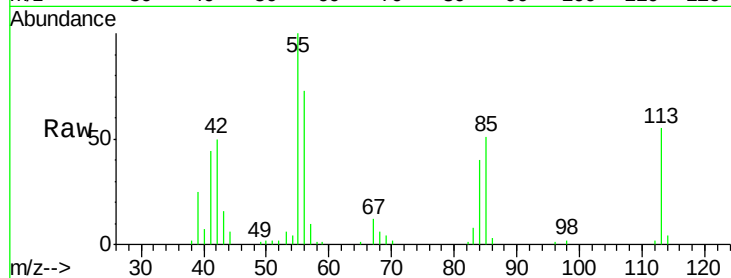




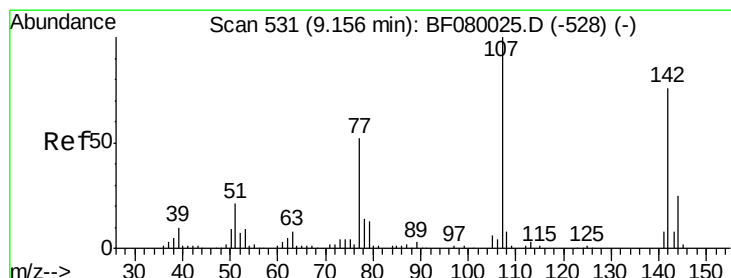
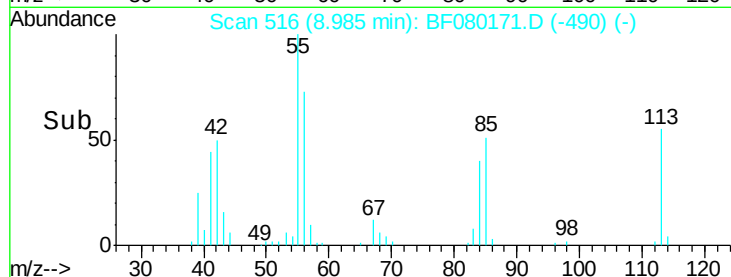
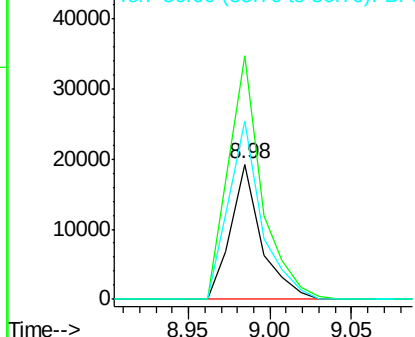
#35
 Caprolactam
 Concen: 50.90 ng
 RT: 8.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Instrument :
 BNA_F
 ClientSampleId :
 WC062315MSD

Tgt Ion:113 Resp: 24906
 Ion Ratio Lower Upper
 113 100
 55 180.5 152.4 192.4
 56 132.2 104.6 144.6

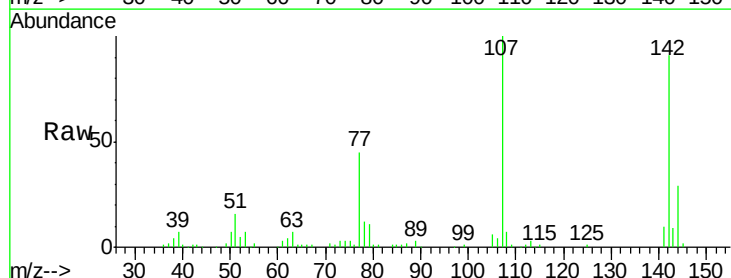


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

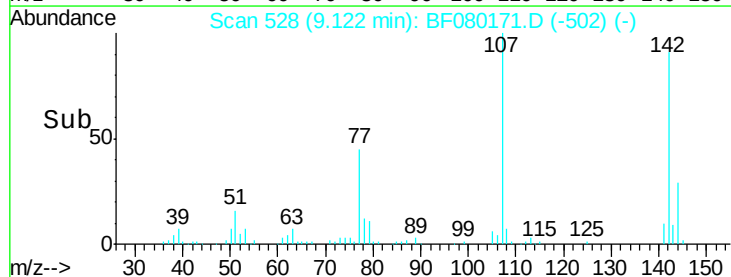
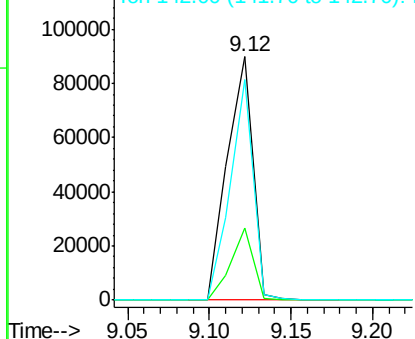


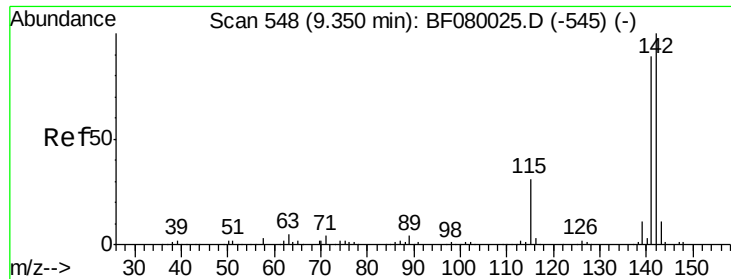
#36
 4-Chloro-3-methylphenol
 Concen: 57.35 ng
 RT: 9.12 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Tgt Ion:107 Resp: 97531
 Ion Ratio Lower Upper
 107 100
 144 29.5 25.4 38.0
 142 90.8 77.3 115.9



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

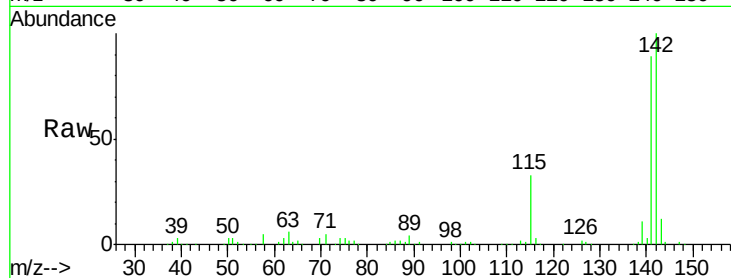




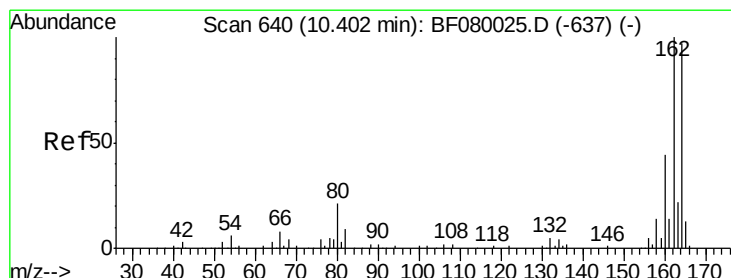
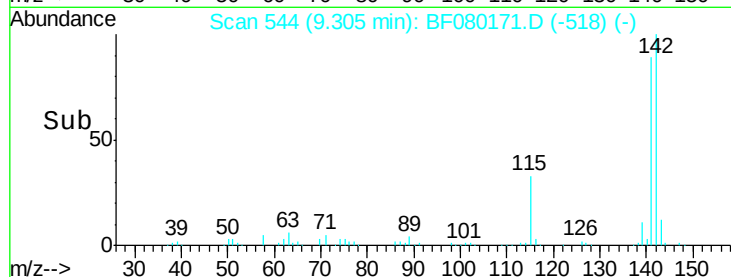
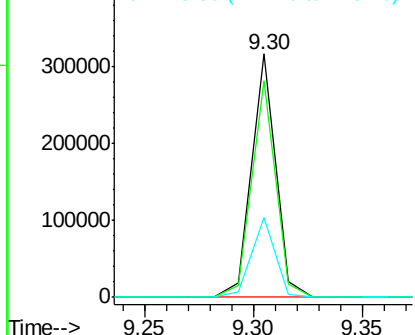
#37
 2-Methylnaphthalene
 Concen: 63.36 ng
 RT: 9.30 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Instrument :
 BNA_F
 ClientSampleId :
 WC062315MSD

Tgt Ion:142 Resp: 243773
 Ion Ratio Lower Upper
 142 100
 141 89.2 67.5 101.3
 115 32.6 18.2 27.2#

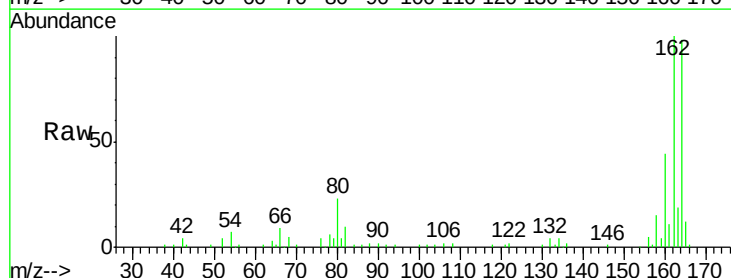


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

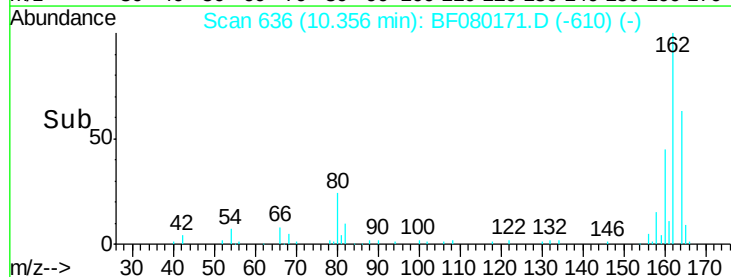
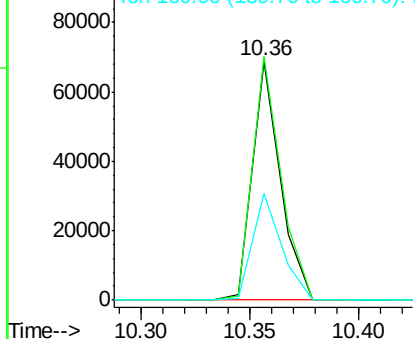


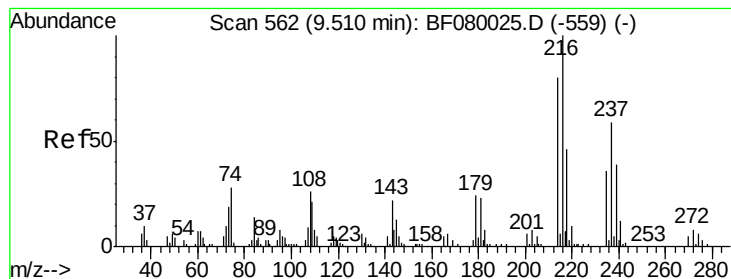
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Tgt Ion:164 Resp: 61128
 Ion Ratio Lower Upper
 164 100
 162 101.8 75.2 112.8
 160 44.6 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: 60.15 ng

RT: 9.48 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

Tgt Ion:216 Resp: 107000

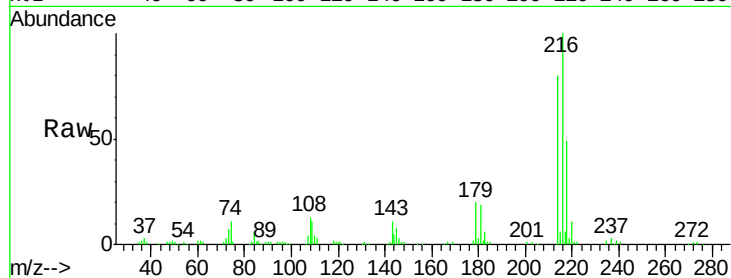
Ion Ratio Lower Upper

216 100

214 80.2 63.5 95.3

179 20.9 16.6 24.8

108 19.1 16.3 24.5

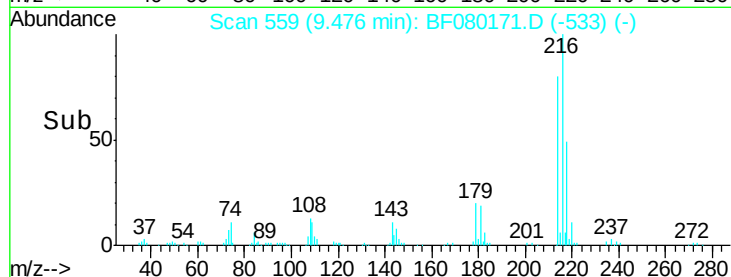


Abundance Ion 216.00 (215.70 to 216.70): E

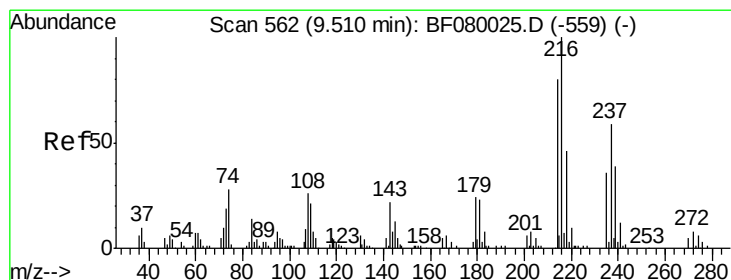
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 112.07 ng

RT: 9.46 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

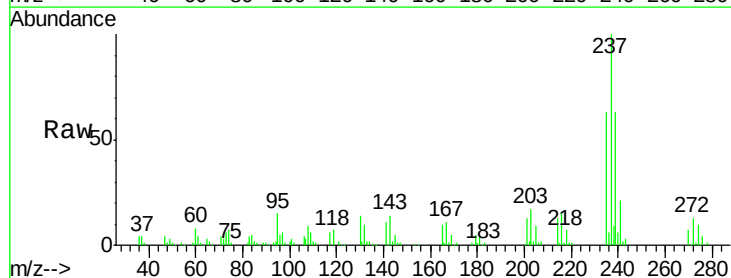
Tgt Ion:237 Resp: 105071

Ion Ratio Lower Upper

237 100

235 62.7 42.0 82.0

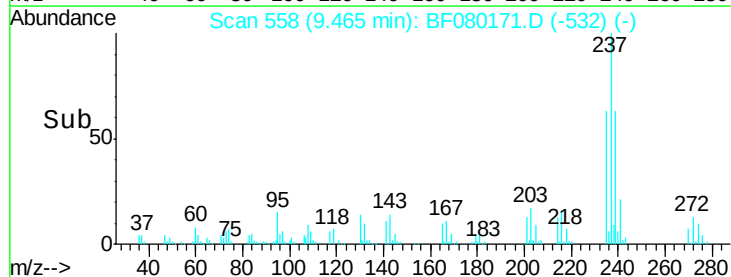
272 12.9 0.0 36.1



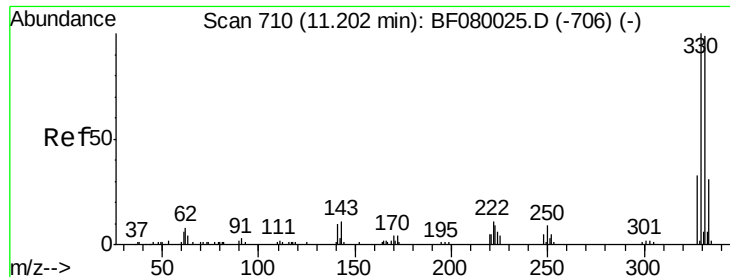
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



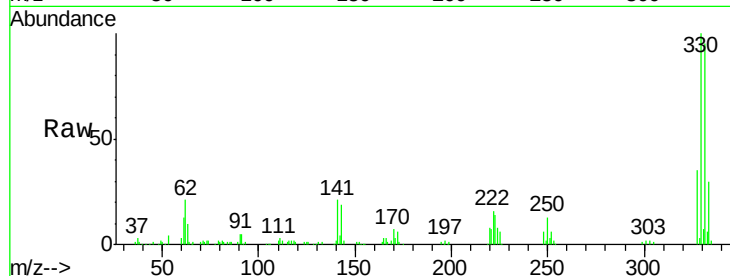
Time-->



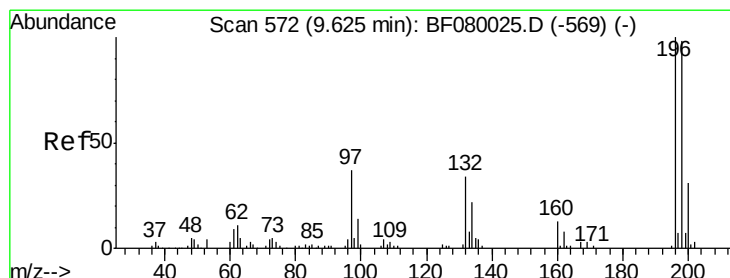
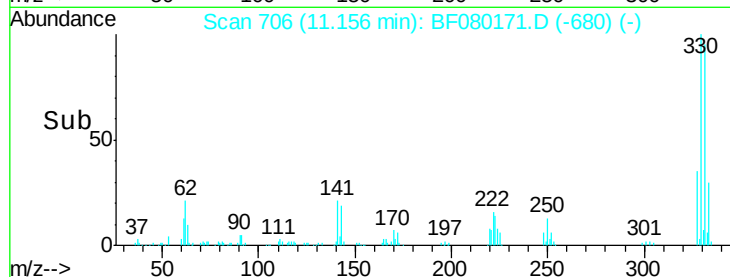
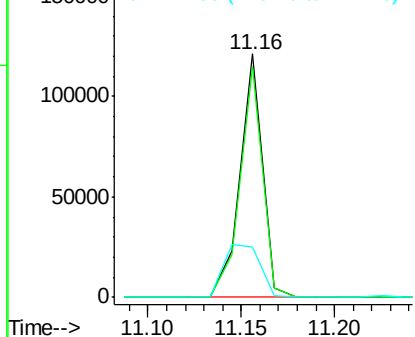
#41
 2,4,6-Tribromophenol
 Concen: 170.85 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Instrument :
 BNA_F
 ClientSampleId :
 WC062315MSD

Tgt Ion:330 Resp: 102124
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 34.7 29.7 44.5

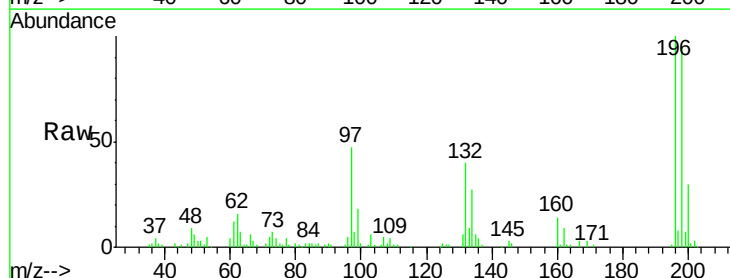


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

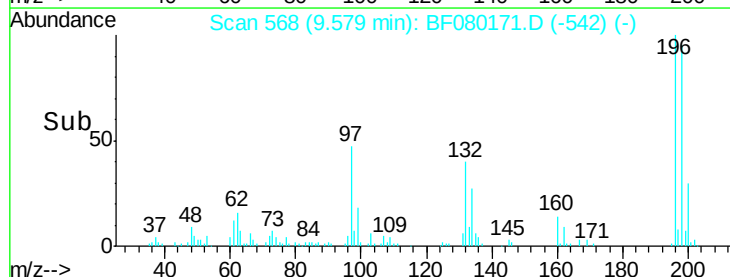
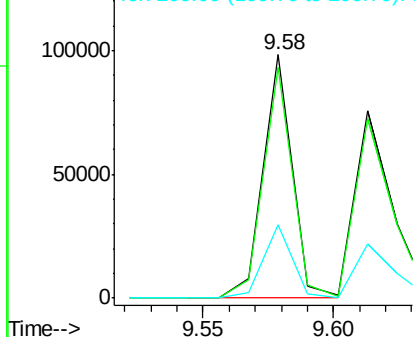


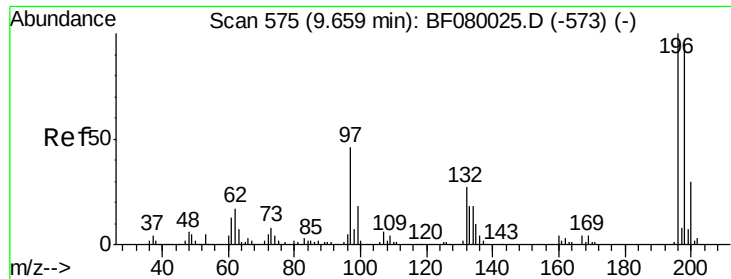
#42
 2,4,6-Trichlorophenol
 Concen: 63.60 ng
 RT: 9.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Tgt Ion:196 Resp: 76978
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 200 30.0 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

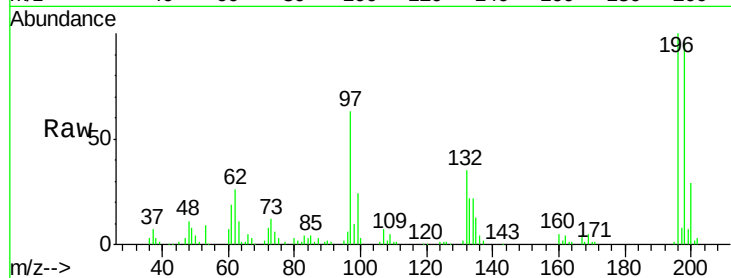




#43
 2,4,5-Trichlorophenol
 Concen: 52.78 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Instrument :
 BNA_F
 ClientSampleId :
 WC062315MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.4	113.0
97	63.2	33.3	49.9
132	34.6	24.6	37.0



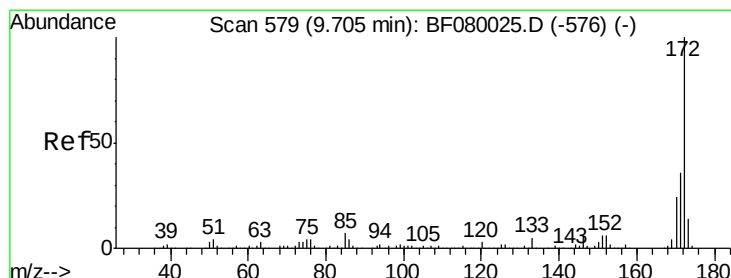
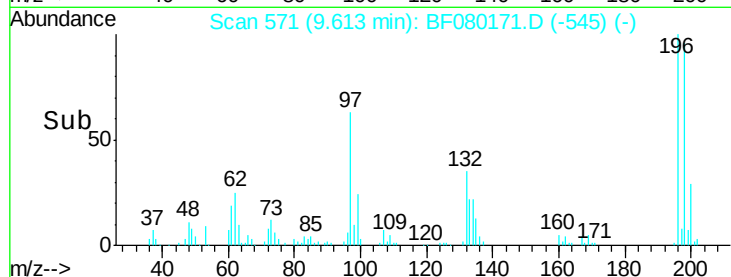
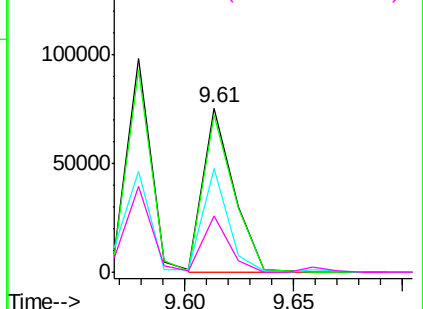
Abundance

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: 99.82 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

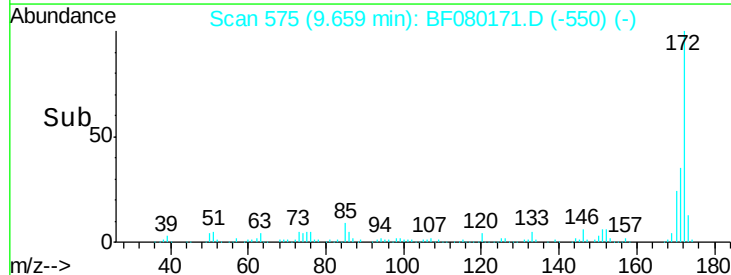
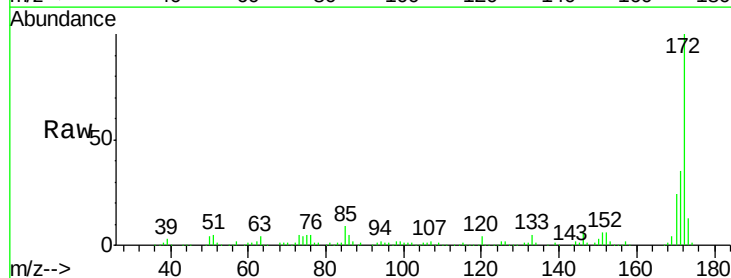
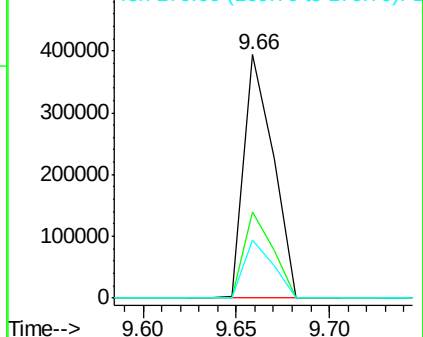
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	23.8	17.4	26.2

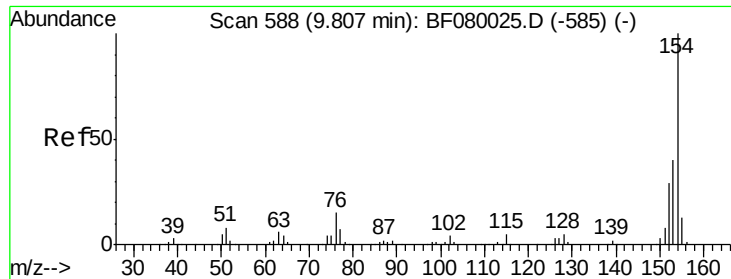
Abundance

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

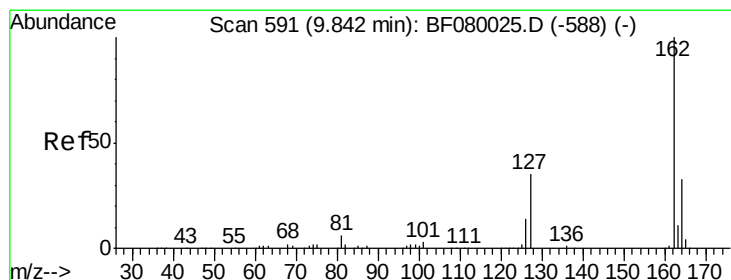
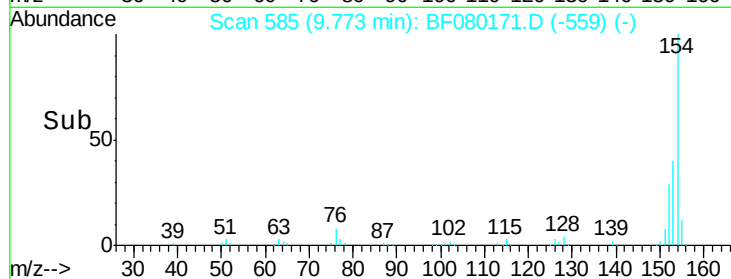
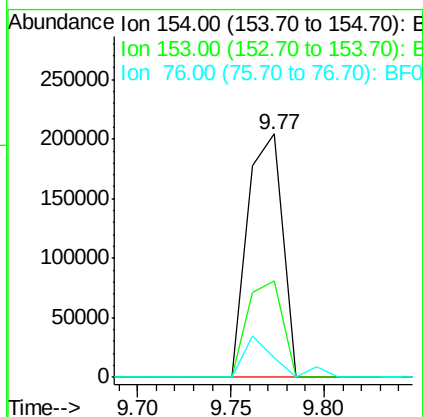
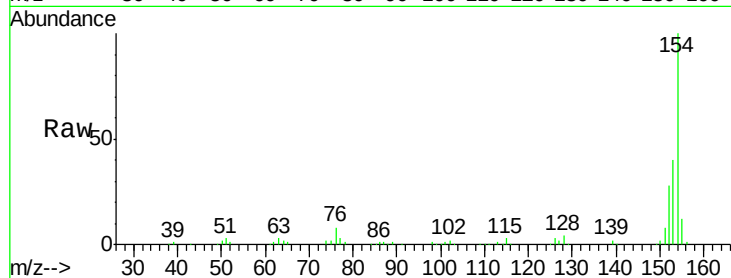




#45
 1,1'-Biphenyl
 Concen: 52.84 ng
 RT: 9.77 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

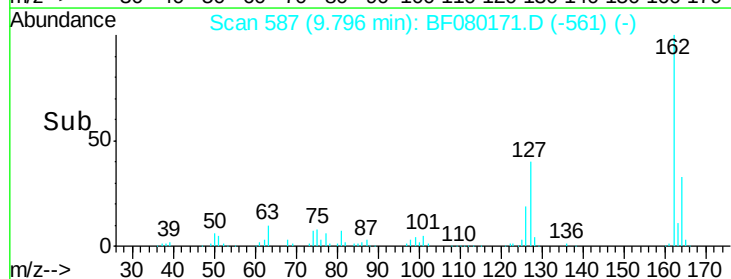
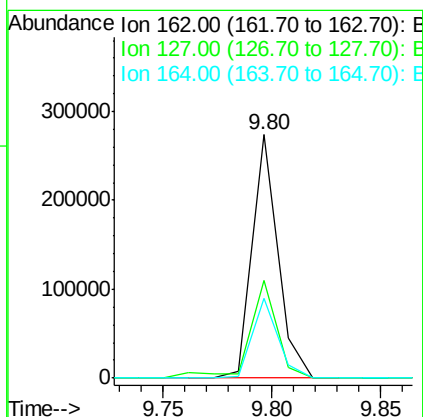
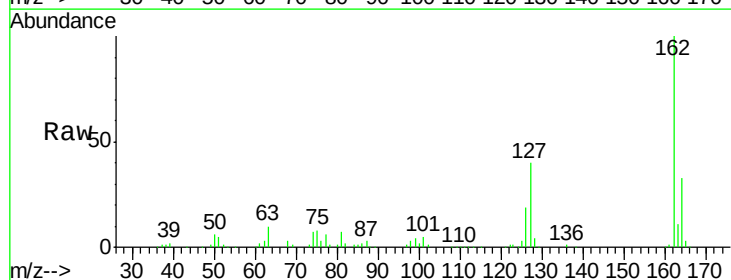
Instrument :
 BNA_F
 ClientSampleId :
 WC062315MSD

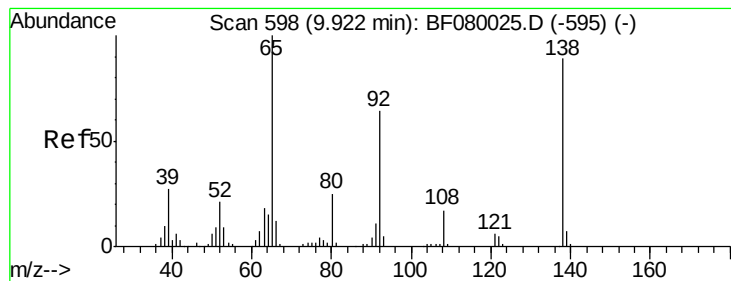
Tgt Ion:154 Resp: 262790
 Ion Ratio Lower Upper
 154 100
 153 39.7 17.1 57.1
 76 8.0 0.0 31.6



#46
 2-Chloronaphthalene
 Concen: 55.49 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Tgt Ion:162 Resp: 223903
 Ion Ratio Lower Upper
 162 100
 127 40.1 27.6 41.4
 164 32.5 25.4 38.2





#47

2-Nitroaniline

Concen: 58.75 ng

RT: 9.88 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

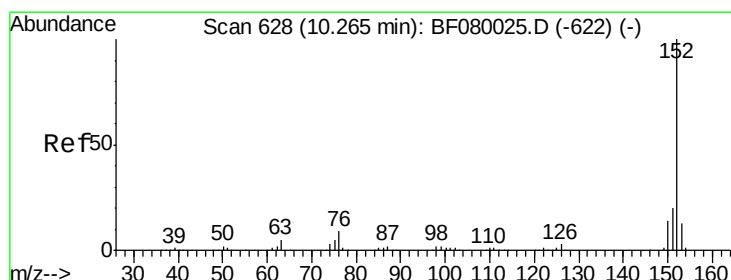
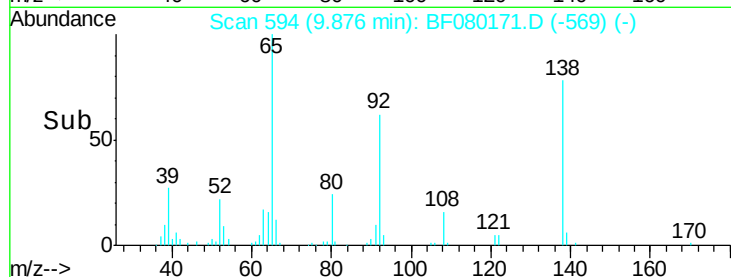
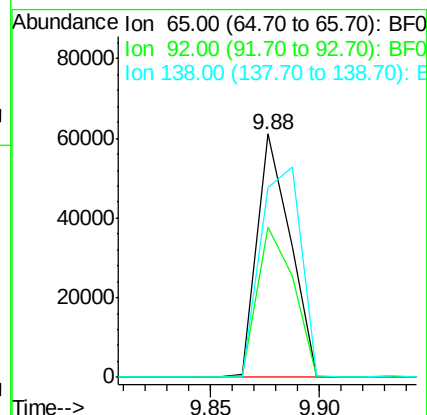
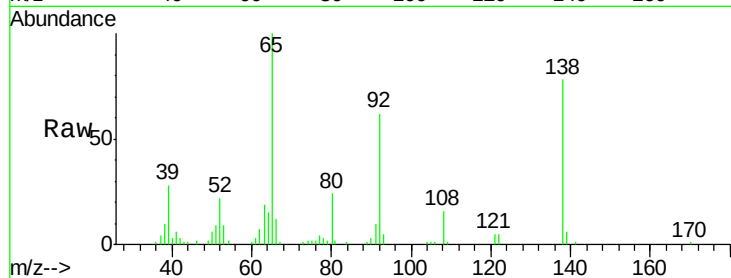
Tgt Ion: 65 Resp: 65086

Ion Ratio Lower Upper

65 100

92 61.8 55.4 83.0

138 78.0 115.5 173.3#



#48

Acenaphthylene

Concen: 57.38 ng

RT: 10.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

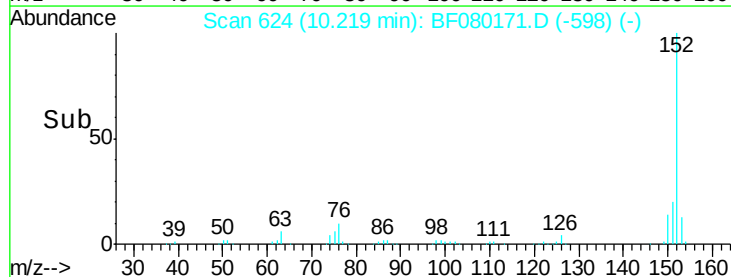
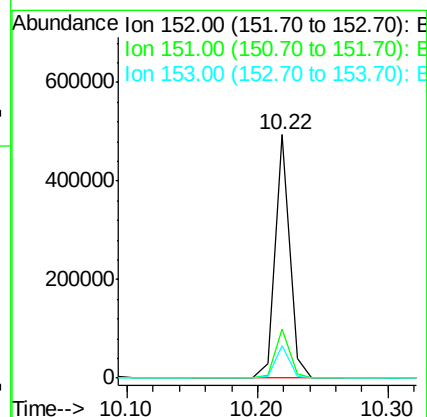
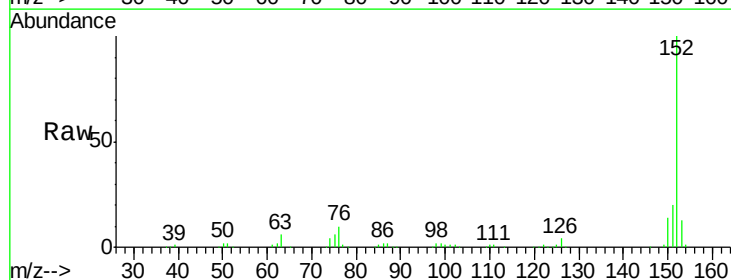
Tgt Ion: 152 Resp: 386494

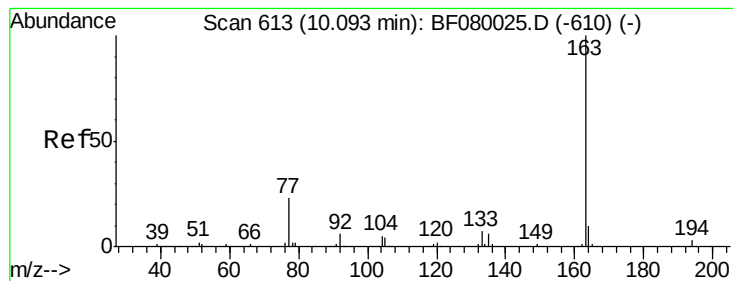
Ion Ratio Lower Upper

152 100

151 20.2 14.6 22.0

153 13.3 10.3 15.5





#49

Dimethylphthalate

Concen: 56.54 ng

RT: 10.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

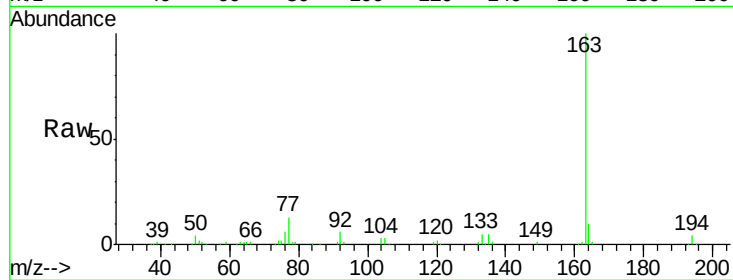
Tgt Ion:163 Resp: 259845

Ion Ratio Lower Upper

163 100

194 4.0 4.4 6.6#

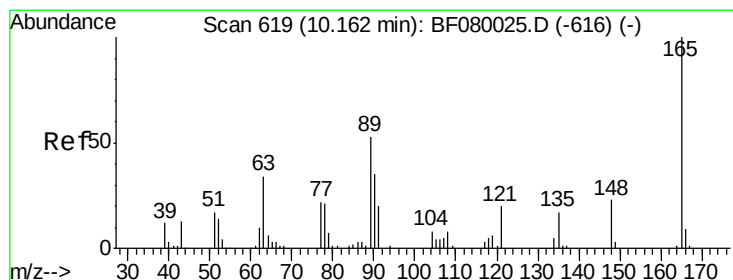
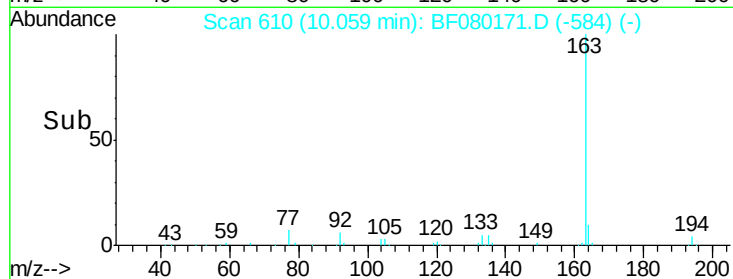
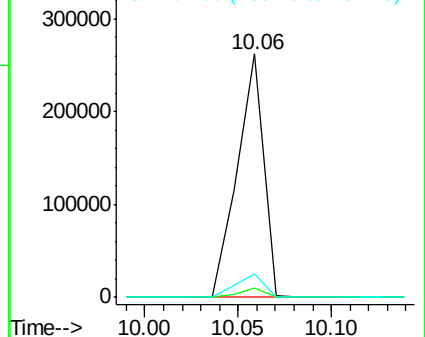
164 9.9 8.3 12.5



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: 56.49 ng

RT: 10.12 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

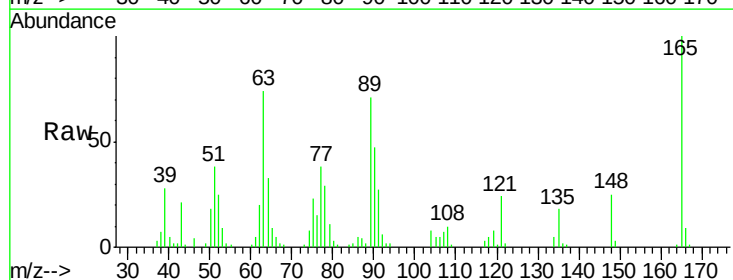
Tgt Ion:165 Resp: 52049

Ion Ratio Lower Upper

165 100

63 73.7 32.3 48.5#

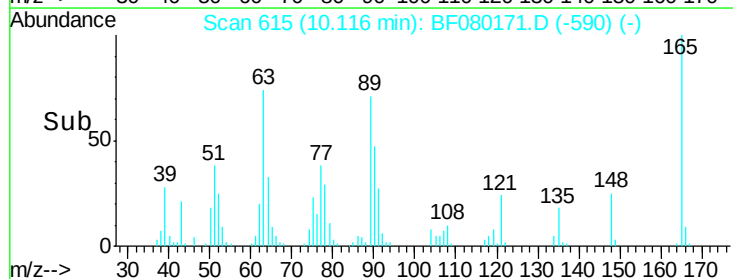
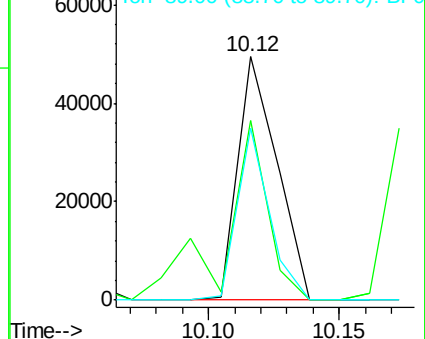
89 70.8 28.6 43.0#

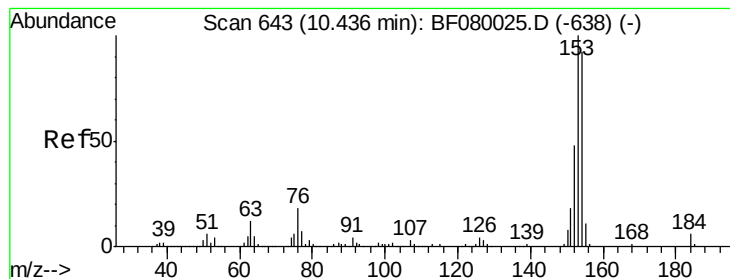


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 58.72 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

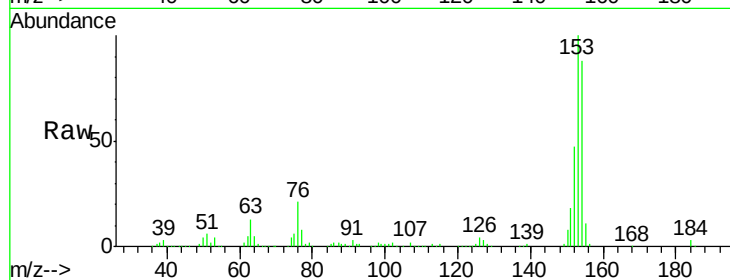
Tgt Ion:154 Resp: 241952

Ion Ratio Lower Upper

154 100

153 113.6 82.1 123.1

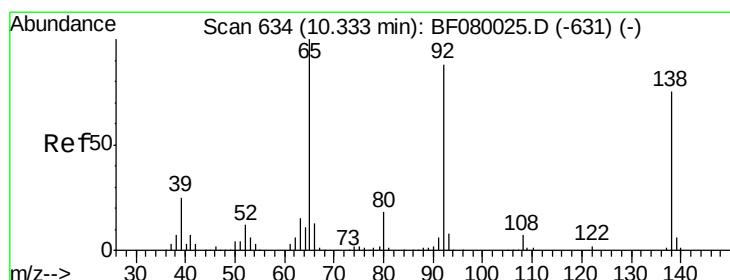
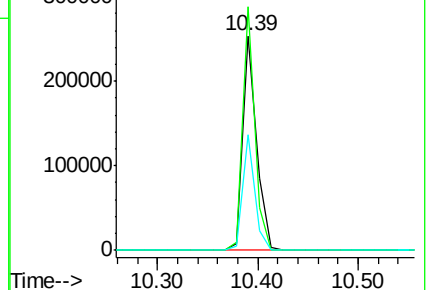
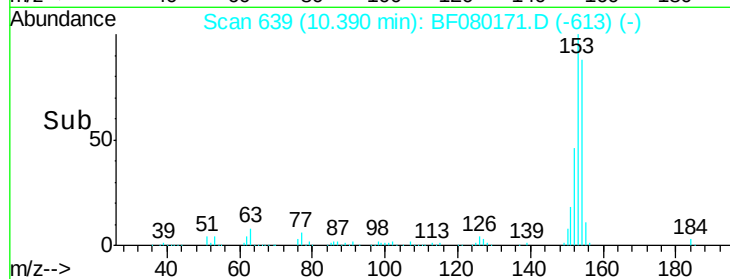
152 53.7 37.9 56.9



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: 28.92 ng

RT: 10.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

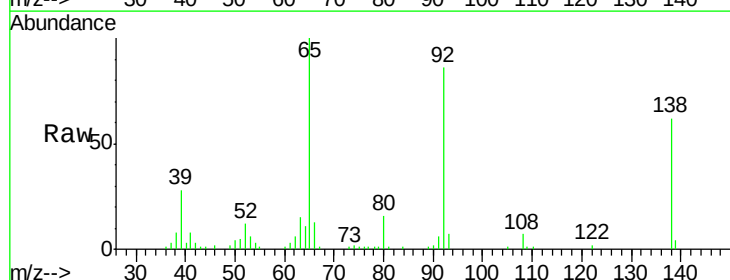
Tgt Ion:138 Resp: 30739

Ion Ratio Lower Upper

138 100

108 11.4 5.7 8.5#

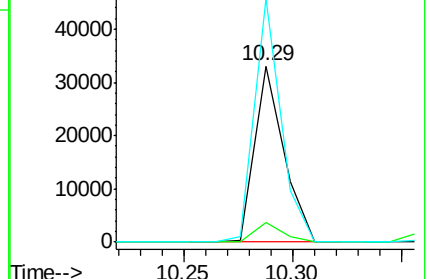
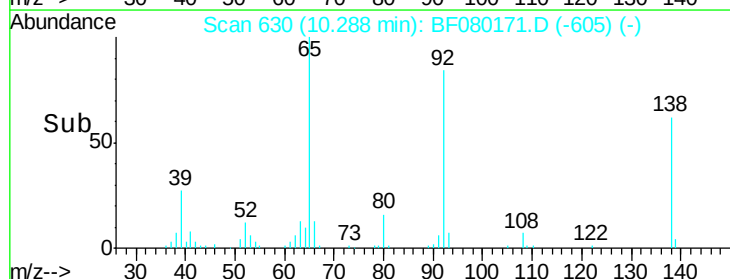
92 138.0 67.7 101.5#

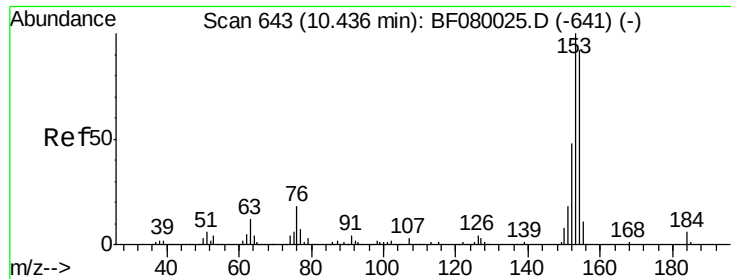


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

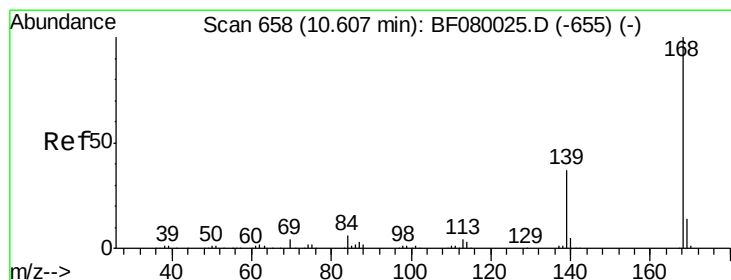
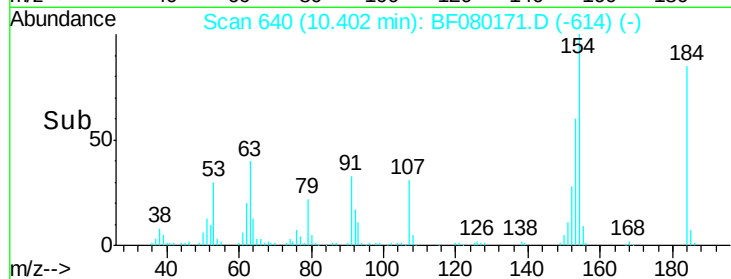
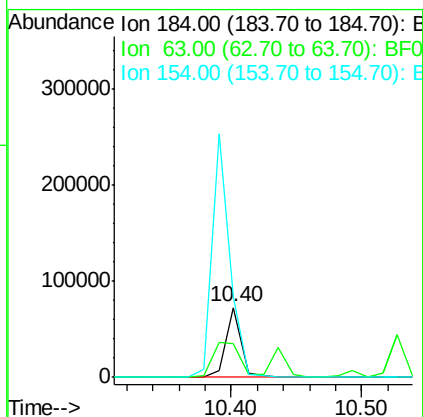
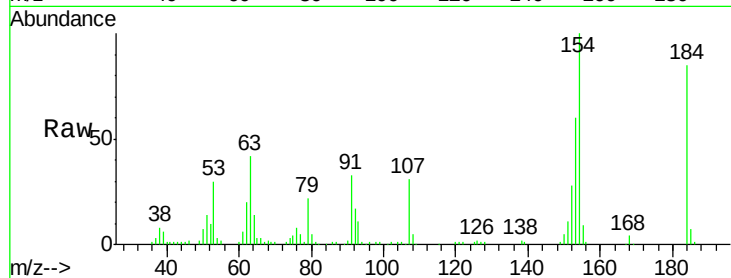




#53
2,4-Dinitrophenol
Concen: 156.18 ng
RT: 10.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF080171.D
Acq: 25 Jun 2015 17:42

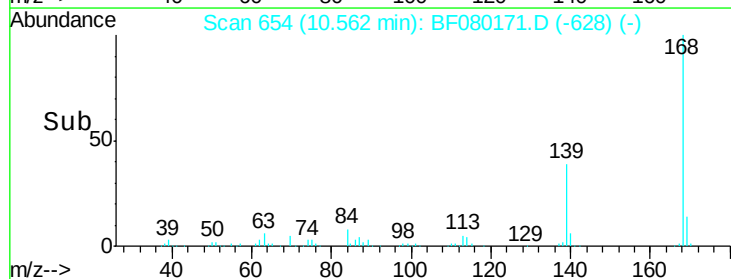
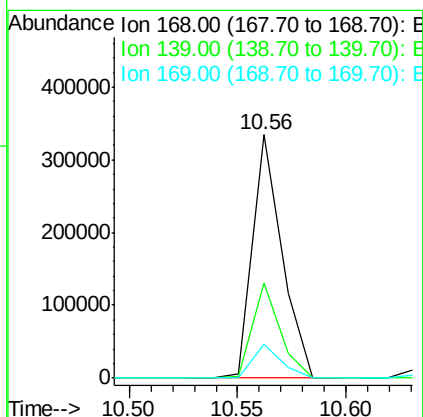
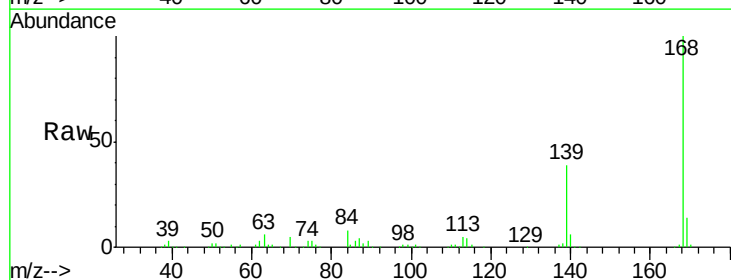
Instrument :
BNA_F
ClientSampleId :
WC062315MSD

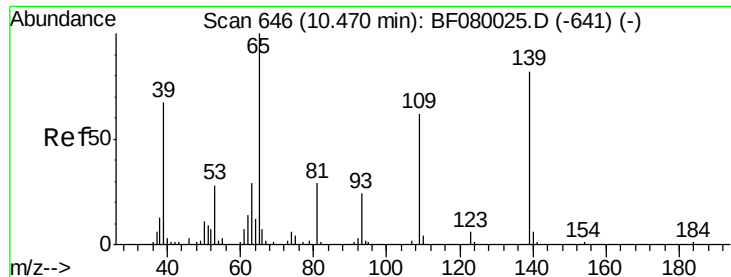
Tgt Ion:184 Resp: 60814
Ion Ratio Lower Upper
184 100
63 48.9 35.4 53.2
154 117.4 32.2 48.4#



#54
Dibenzofuran
Concen: 53.75 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF080171.D
Acq: 25 Jun 2015 17:42

Tgt Ion:168 Resp: 314258
Ion Ratio Lower Upper
168 100
139 39.2 24.2 36.2#
169 14.0 10.6 15.8

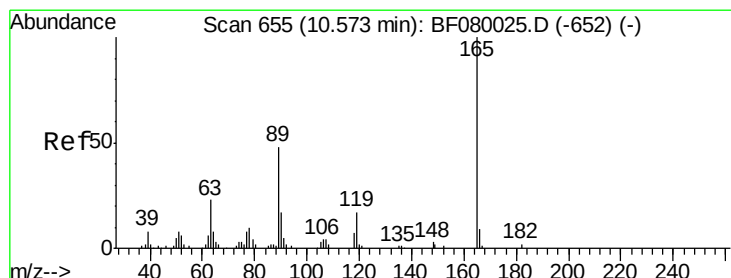
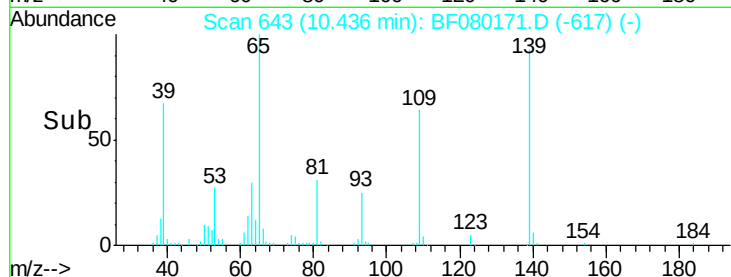
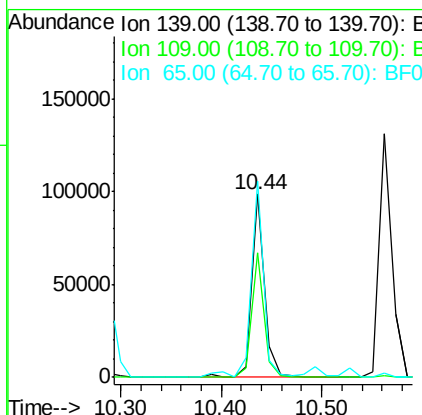
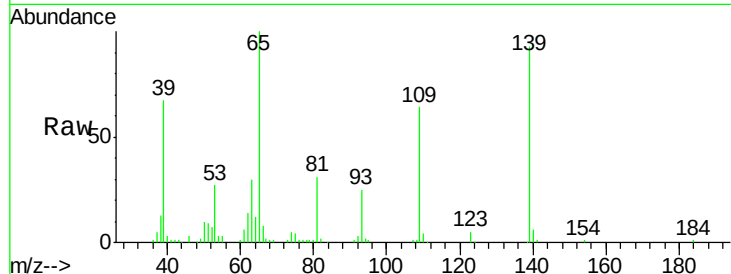




#55
4-Nitrophenol
Concen: 102.12 ng
RT: 10.44 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF080171.D
Acq: 25 Jun 2015 17:42

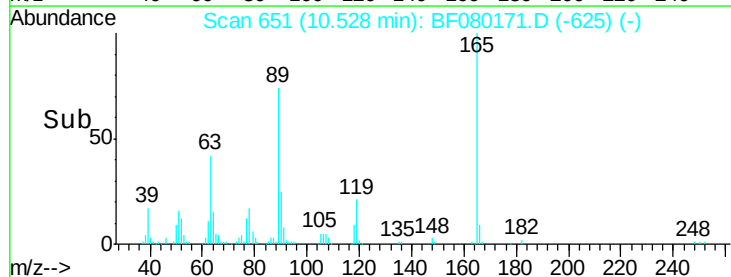
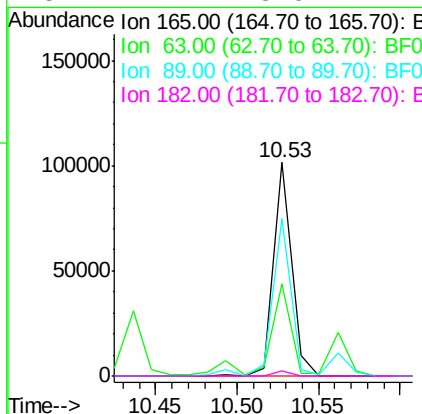
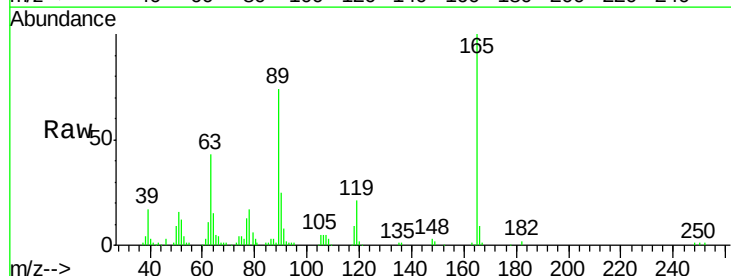
Instrument :
BNA_F
ClientSampleId :
WC062315MSD

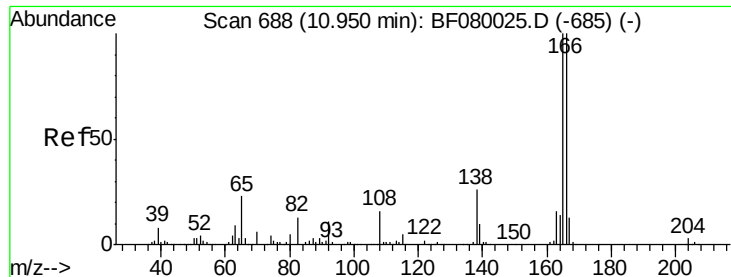
Tgt Ion:139 Resp: 86766
Ion Ratio Lower Upper
139 100
109 68.4 12.7 52.7#
65 107.6 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 67.90 ng
RT: 10.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF080171.D
Acq: 25 Jun 2015 17:42

Tgt Ion:165 Resp: 79380
Ion Ratio Lower Upper
165 100
63 43.1 29.8 44.6
89 73.7 44.5 66.7#
182 2.2 3.0 4.4#





#57

Fluorene

Concen: 56.01 ng

RT: 10.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

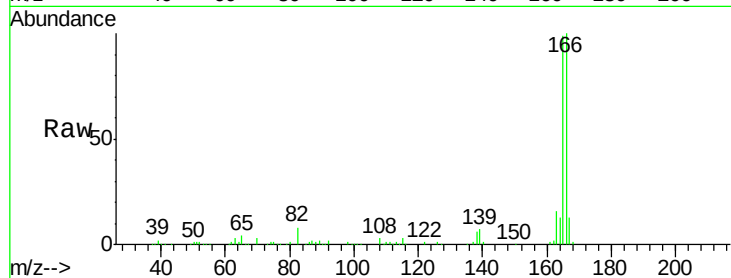
Tgt Ion:166 Resp: 259834

Ion Ratio Lower Upper

166 100

165 99.0 72.6 109.0

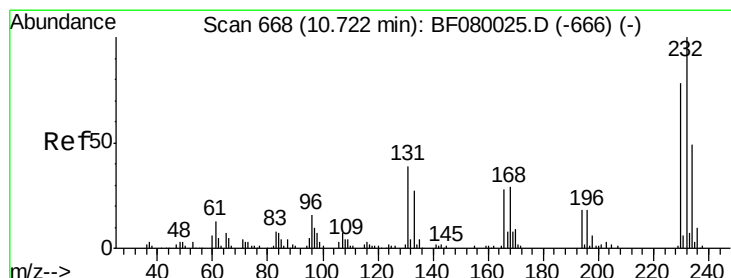
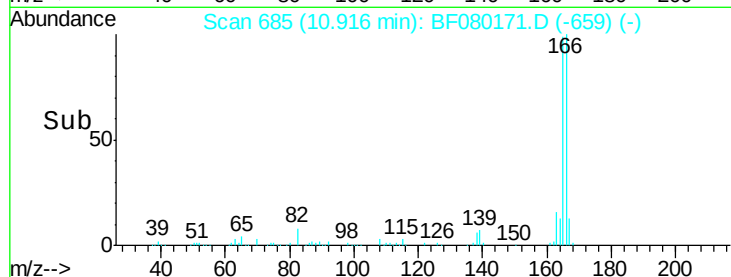
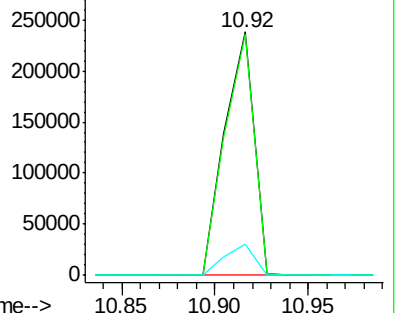
167 13.0 10.6 16.0



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: 53.93 ng

RT: 10.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Tgt Ion:232 Resp: 63493

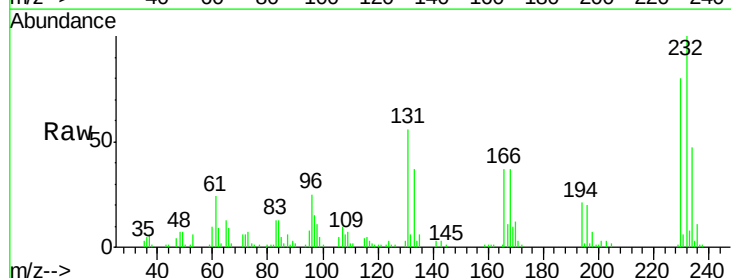
Ion Ratio Lower Upper

232 100

131 46.2 38.5 57.7

130 1.8 1.8 2.6

166 31.8 25.0 37.6

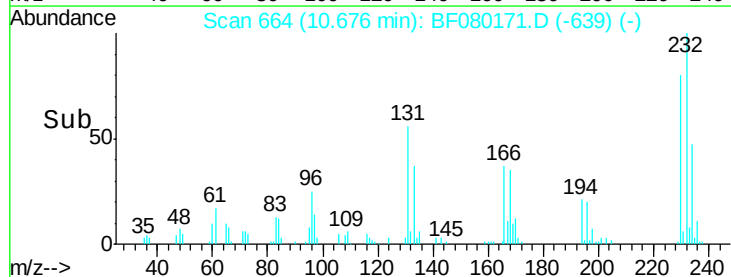
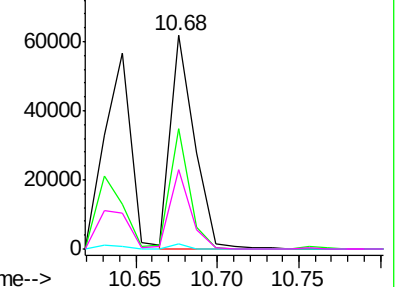


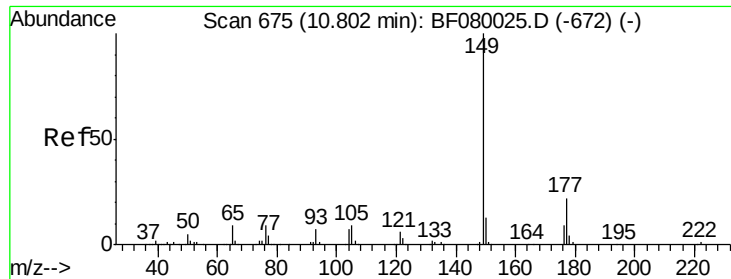
Abundance Ion 232.00 (231.70 to 232.70): E

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

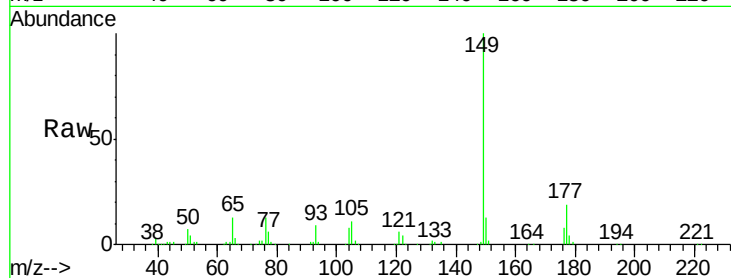




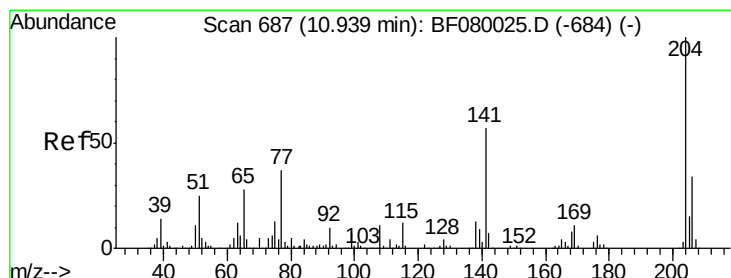
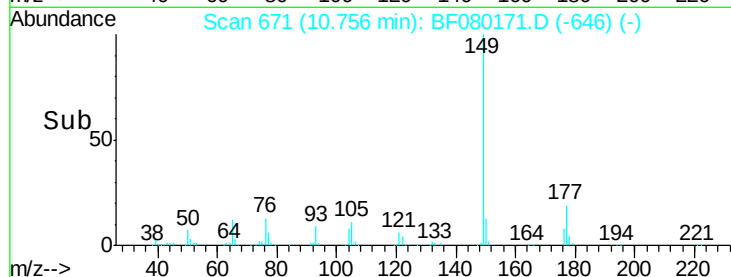
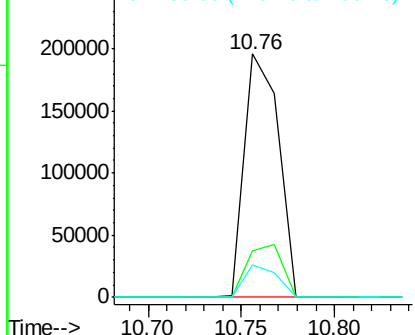
#59
Diethylphthalate
Concen: 53.66 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF080171.D
Acq: 25 Jun 2015 17:42

Instrument :
BNA_F
ClientSampleId :
WC062315MSD

Tgt Ion:149 Resp: 248298
Ion Ratio Lower Upper
149 100
177 19.3 17.5 26.3
150 13.1 9.4 14.2

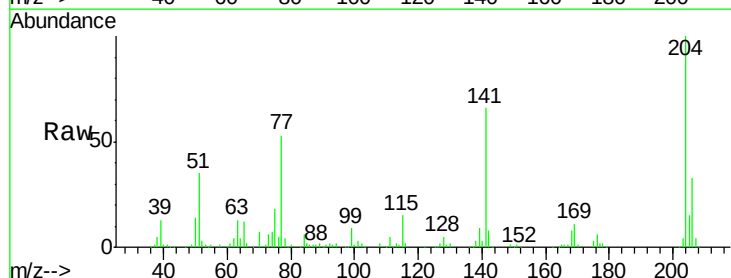


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

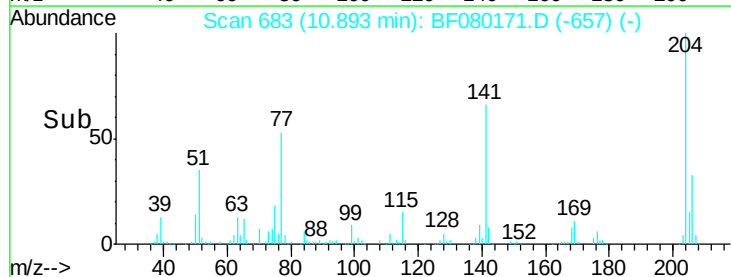
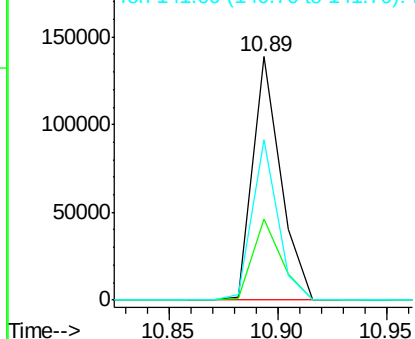


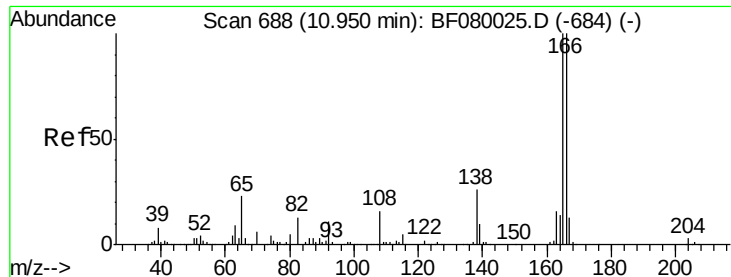
#60
4-Chlorophenyl-phenylether
Concen: 55.68 ng
RT: 10.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF080171.D
Acq: 25 Jun 2015 17:42

Tgt Ion:204 Resp: 124140
Ion Ratio Lower Upper
204 100
206 33.5 24.8 37.2
141 66.1 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: 52.92 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

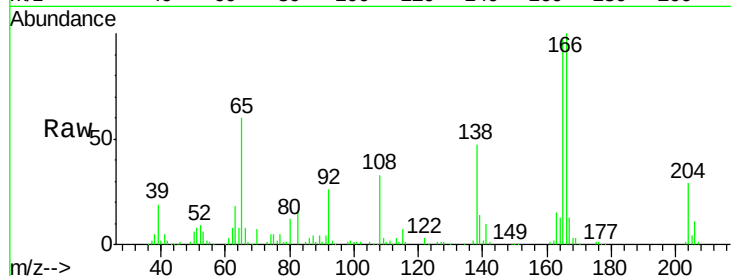
Tgt Ion:138 Resp: 58100

Ion Ratio Lower Upper

138 100

92 54.4 12.6 52.6#

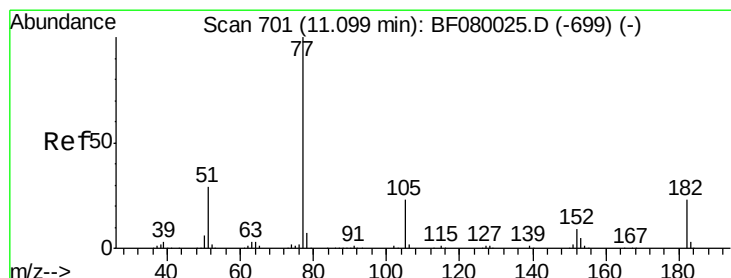
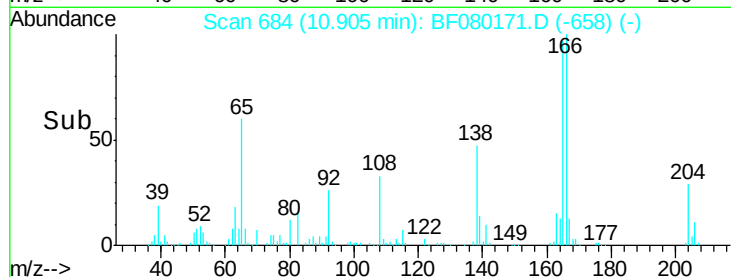
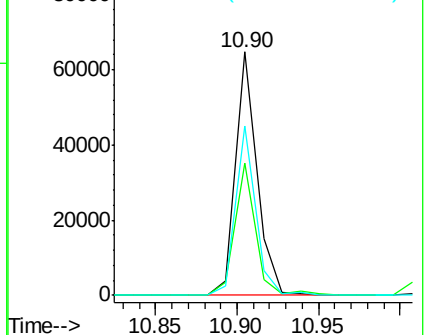
108 69.7 12.4 52.4#



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: 51.97 ng

RT: 11.05 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Tgt Ion: 77 Resp: 244822

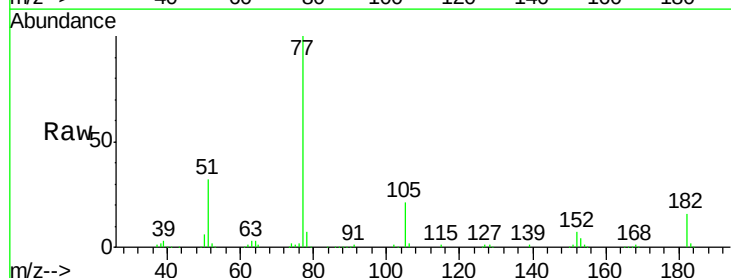
Ion Ratio Lower Upper

77 100

182 16.3 15.1 55.1

105 20.7 3.4 43.4

51 31.7 12.0 52.0

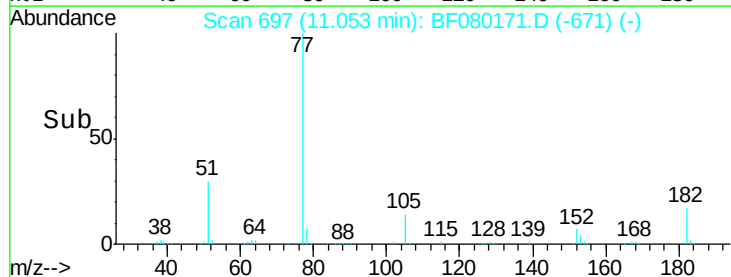
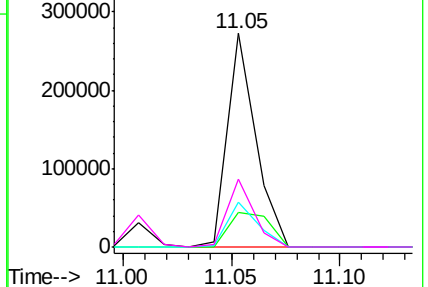


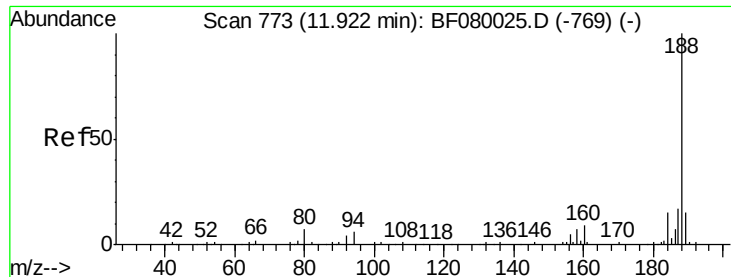
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

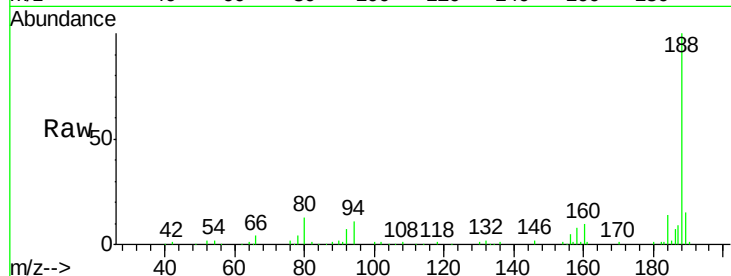




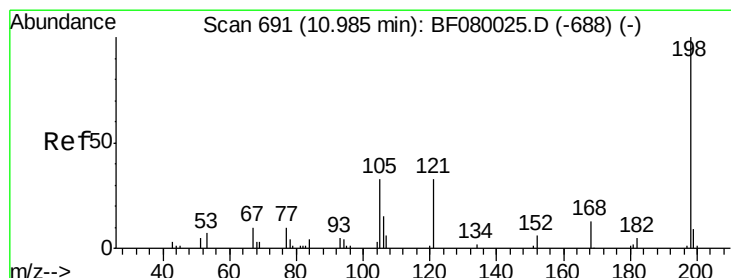
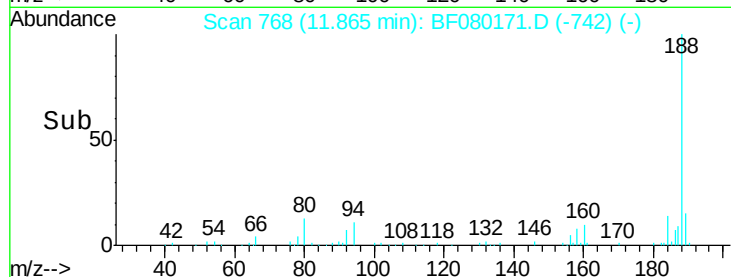
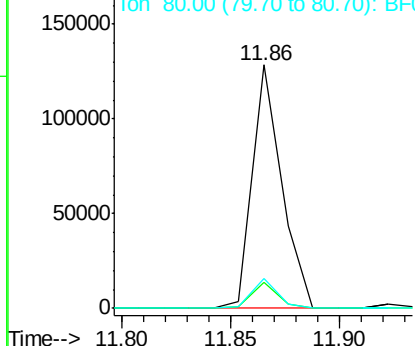
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Instrument :
 BNA_F
 ClientSampleId :
 WC062315MSD

Tgt Ion:188 Resp: 120947
 Ion Ratio Lower Upper
 188 100
 94 10.9 11.1 16.7#
 80 12.5 11.0 16.4

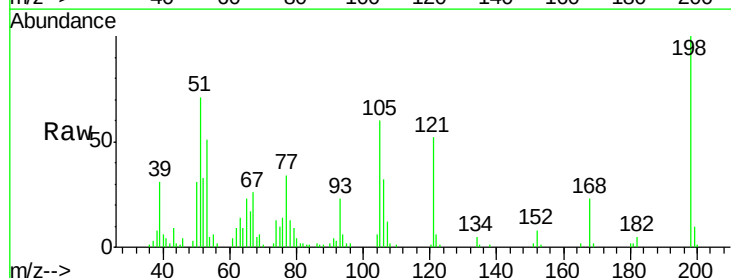


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

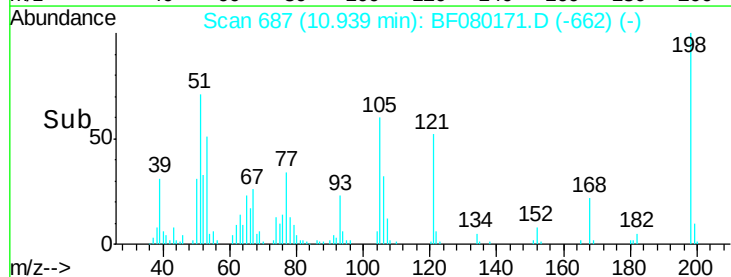
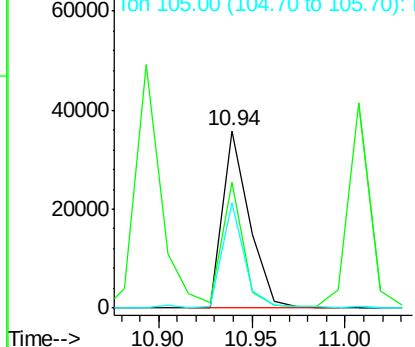


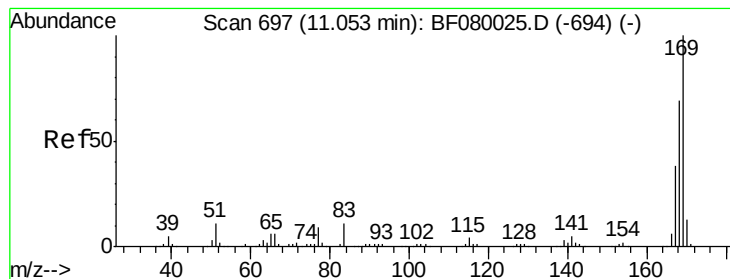
#64
 4,6-Dinitro-2-methylphenol
 Concen: 55.56 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Tgt Ion:198 Resp: 35859
 Ion Ratio Lower Upper
 198 100
 51 70.6 39.6 79.6
 105 59.5 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

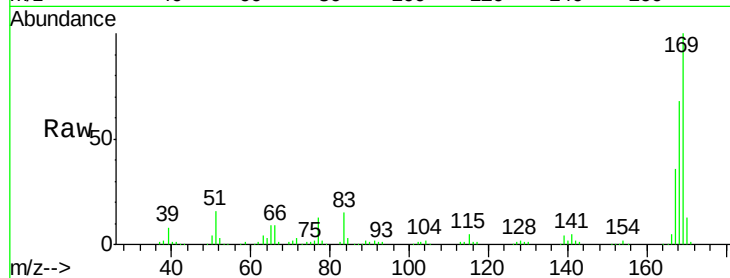




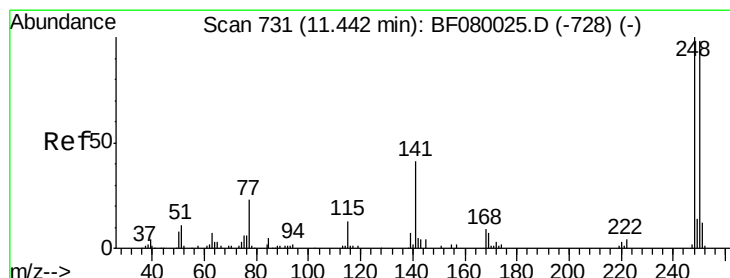
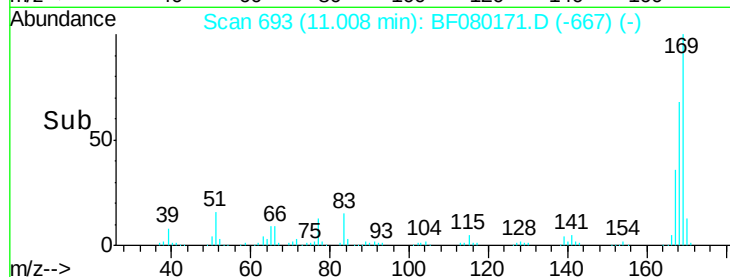
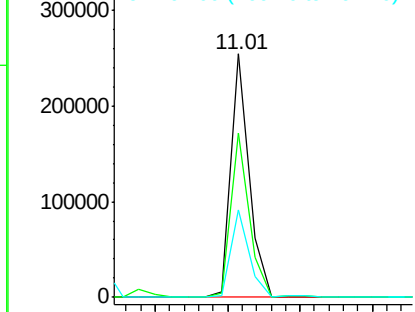
#65
 n-Nitrosodiphenylamine
 Concen: 56.46 ng
 RT: 11.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Instrument :
 BNA_F
 ClientSampleId :
 WC062315MSD

Tgt Ion:169 Resp: 222346
 Ion Ratio Lower Upper
 169 100
 168 67.7 48.9 73.3
 167 36.2 26.2 39.4

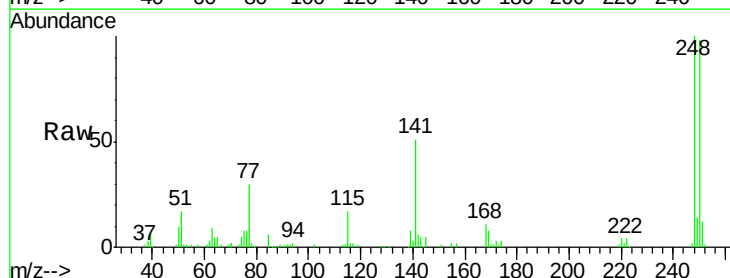


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

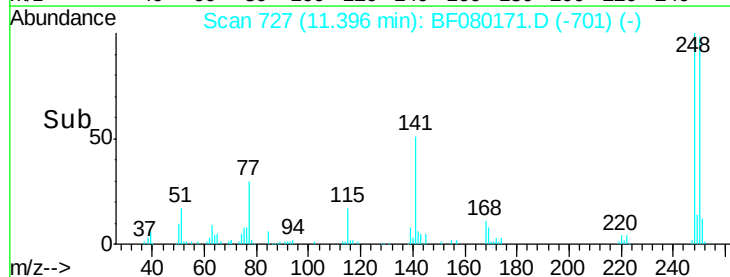
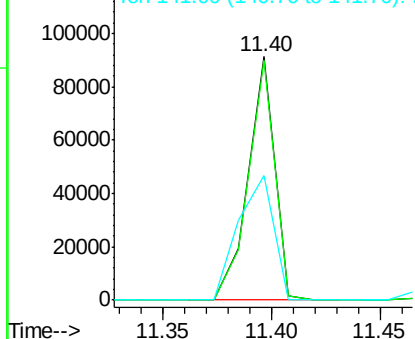


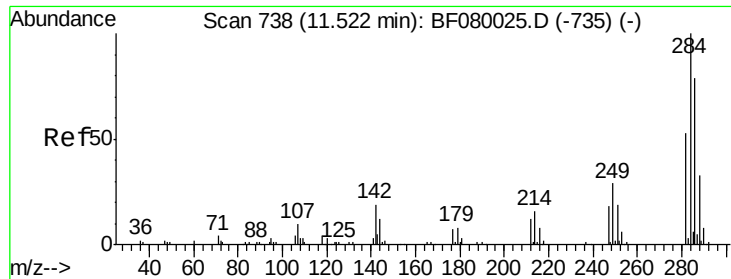
#66
 4-Bromophenyl-phenylether
 Concen: 59.83 ng
 RT: 11.40 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Tgt Ion:248 Resp: 76946
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.5 117.7
 141 51.2 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: 58.23 ng

RT: 11.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

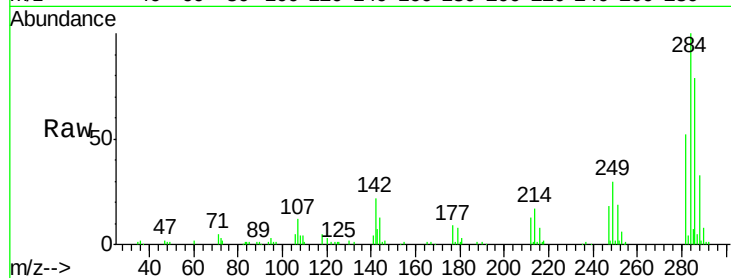
Tgt Ion:284 Resp: 83220

Ion Ratio Lower Upper

284 100

142 21.9 29.5 44.3#

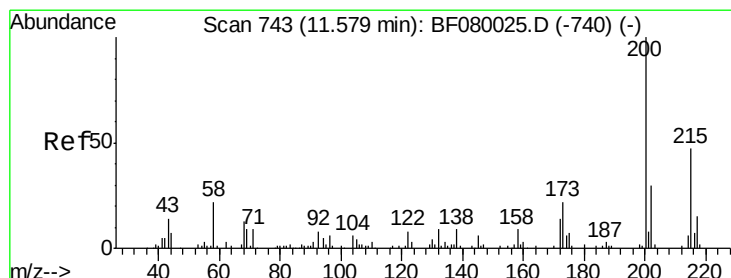
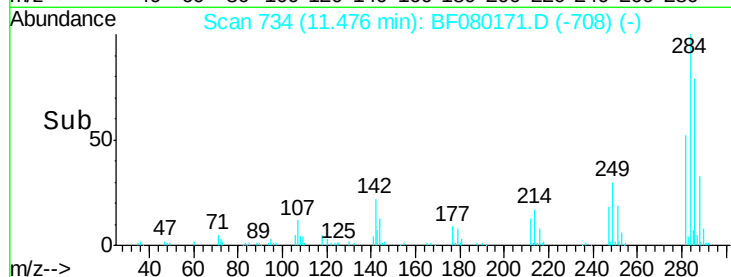
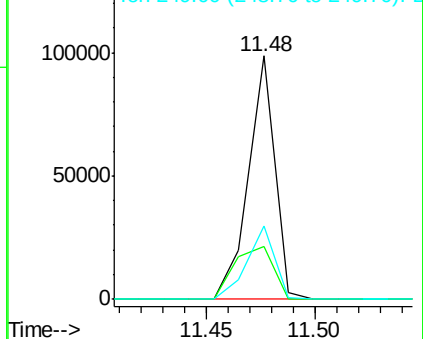
249 30.1 19.5 29.3#



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: 56.62 ng

RT: 11.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

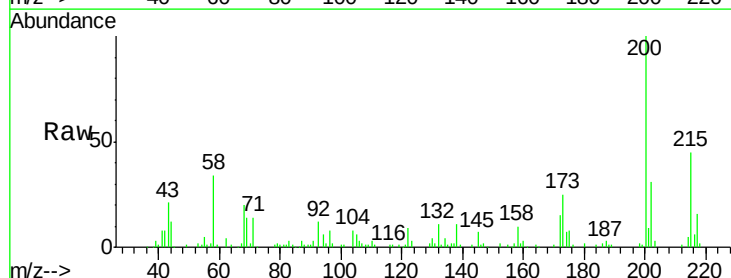
Tgt Ion:200 Resp: 70456

Ion Ratio Lower Upper

200 100

173 25.0 13.2 53.2

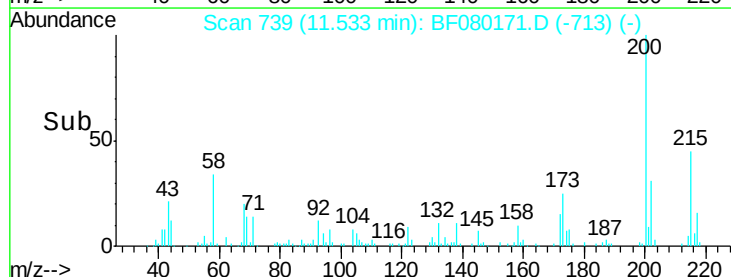
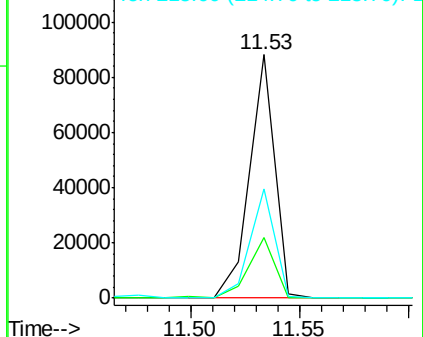
215 45.0 41.8 81.8

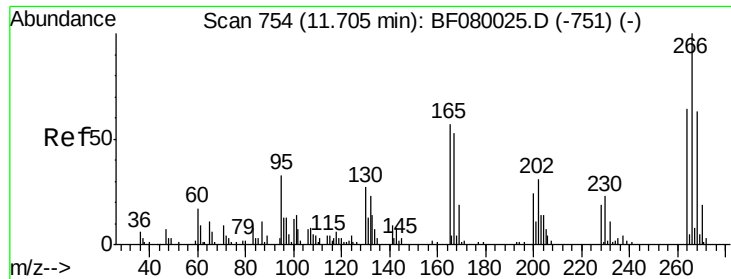


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

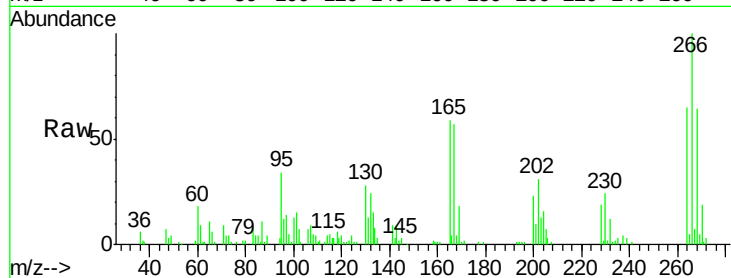




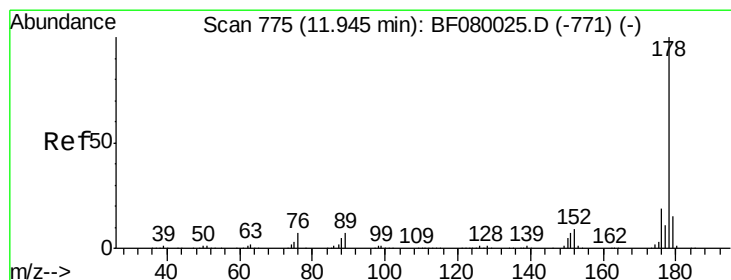
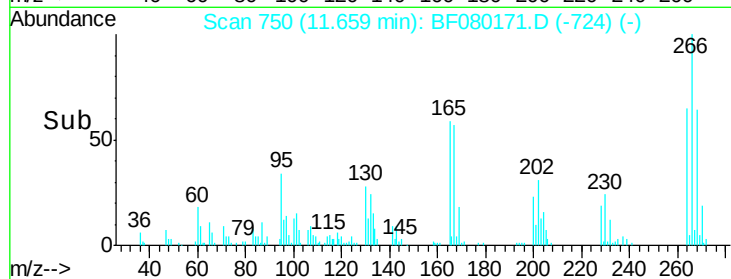
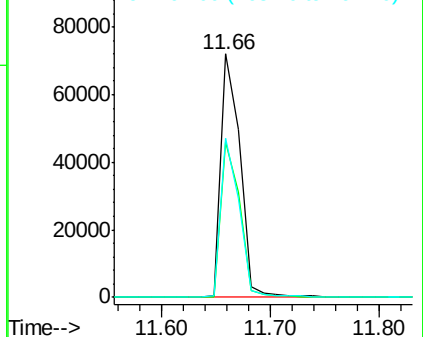
#69
 Pentachlorophenol
 Concen: 109.09 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Instrument :
 BNA_F
 ClientSampleId :
 WC062315MSD

Tgt Ion:266 Resp: 88357
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.8 74.6
 264 65.2 50.2 75.2

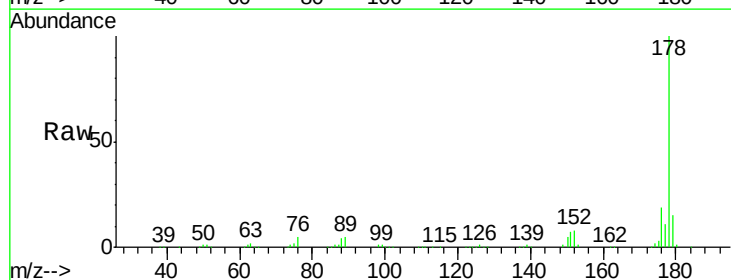


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

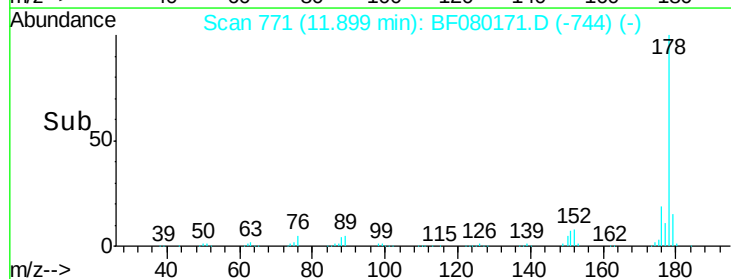
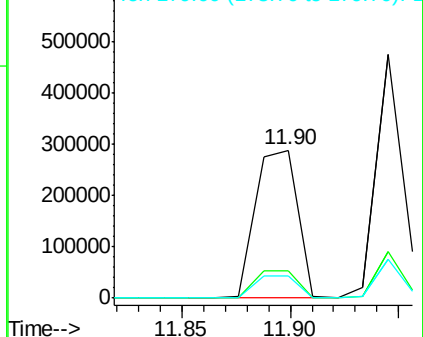


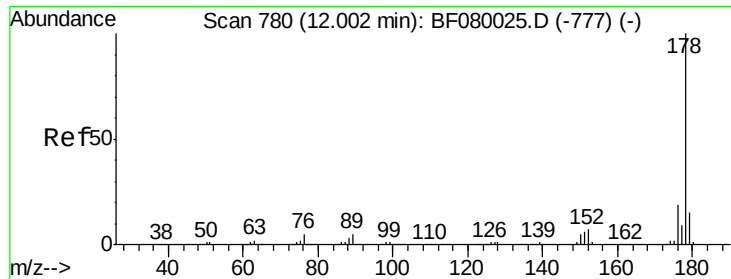
#70
 Phenanthrene
 Concen: 53.62 ng
 RT: 11.90 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Tgt Ion:178 Resp: 392595
 Ion Ratio Lower Upper
 178 100
 176 18.7 13.8 20.8
 179 14.6 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

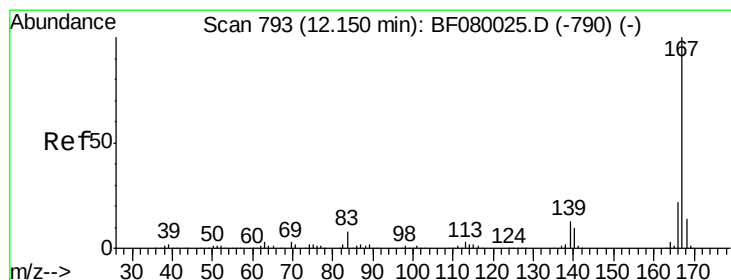
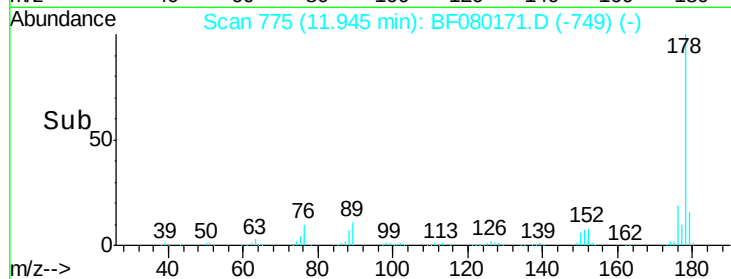
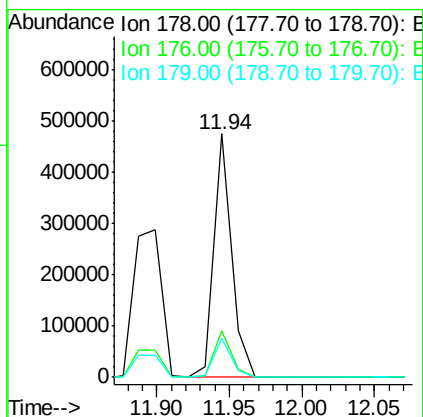
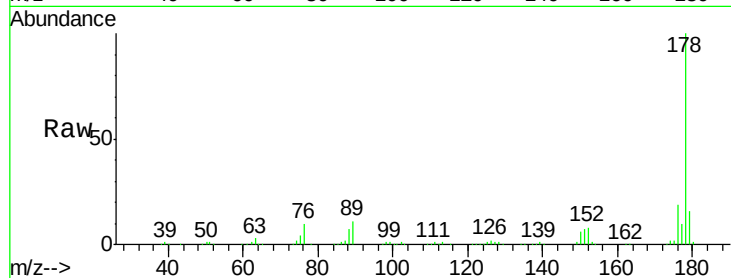




#71
 Anthracene
 Concen: 57.44 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

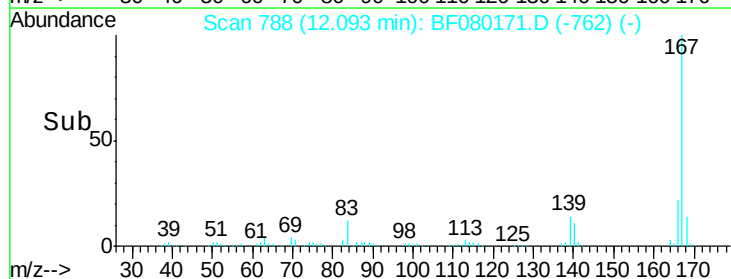
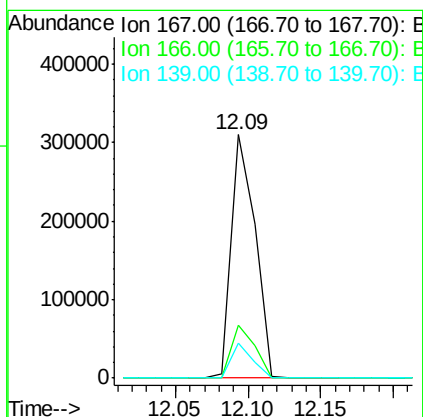
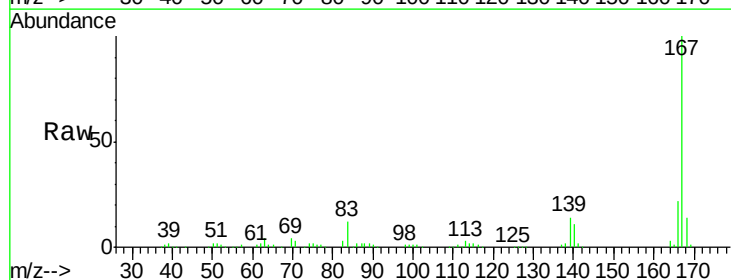
Instrument :
 BNA_F
 ClientSampleId :
 WC062315MSD

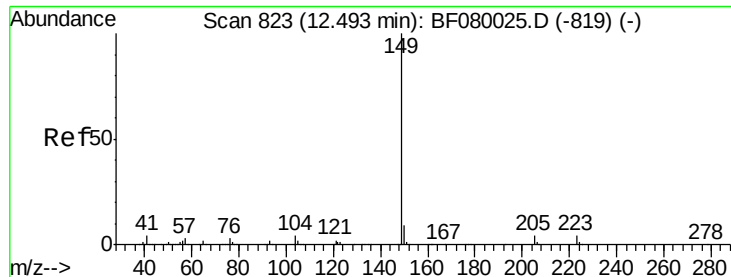
Tgt Ion:178 Resp: 404970
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.1 21.1
 179 15.8 12.2 18.2



#72
 Carbazole
 Concen: 52.58 ng
 RT: 12.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Tgt Ion:167 Resp: 353969
 Ion Ratio Lower Upper
 167 100
 166 21.6 15.7 23.5
 139 14.1 9.5 14.3





#73

Di-n-butylphthalate

Concen: 54.33 ng

RT: 12.44 min Scan# 818

Delta R.T. 0.02 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

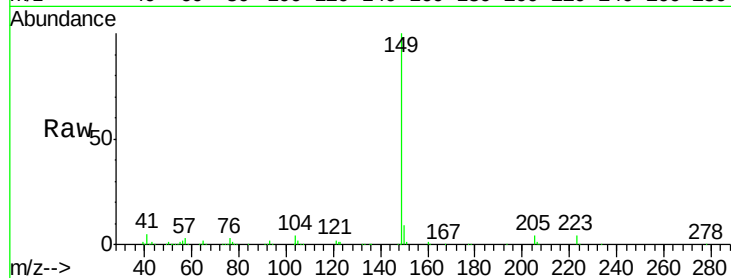
Tgt Ion:149 Resp: 422532

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

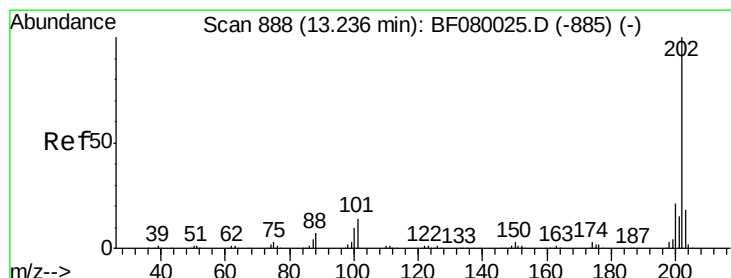
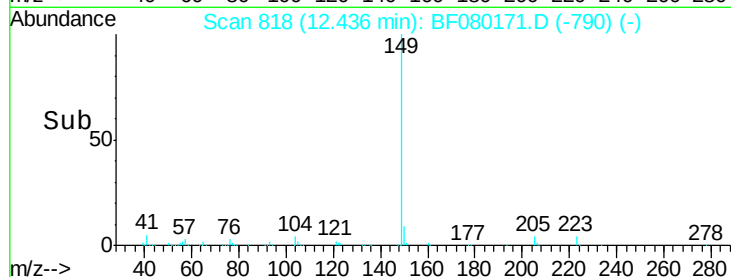
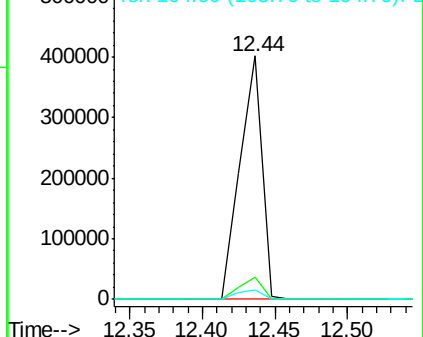
104 3.6 2.4 3.6#



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: 56.00 ng

RT: 13.17 min Scan# 882

Delta R.T. 0.02 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

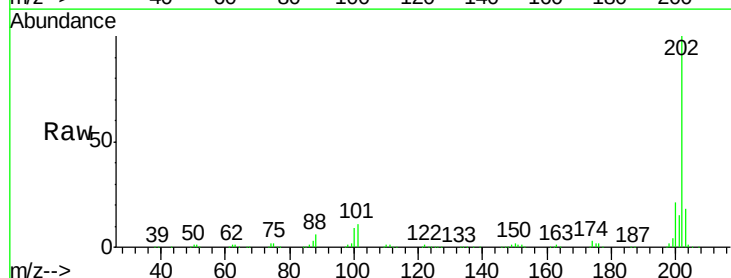
Tgt Ion:202 Resp: 436726

Ion Ratio Lower Upper

202 100

101 11.2 0.0 38.3

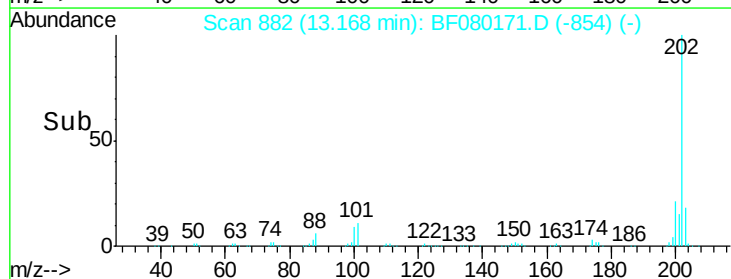
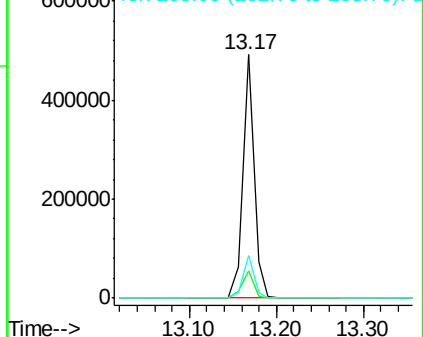
203 17.7 0.0 37.3

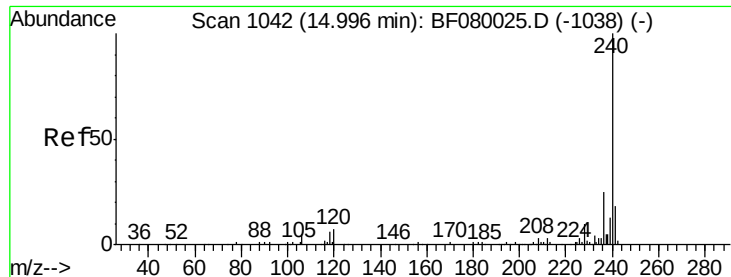


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.88 min Scan# 1032

Delta R.T. 0.06 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

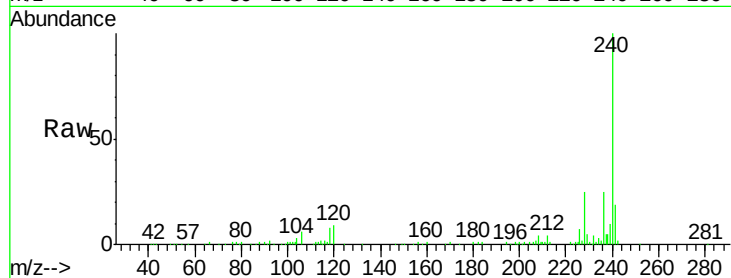
Tgt Ion:240 Resp: 125778

Ion Ratio Lower Upper

240 100

120 8.8 16.2 24.2#

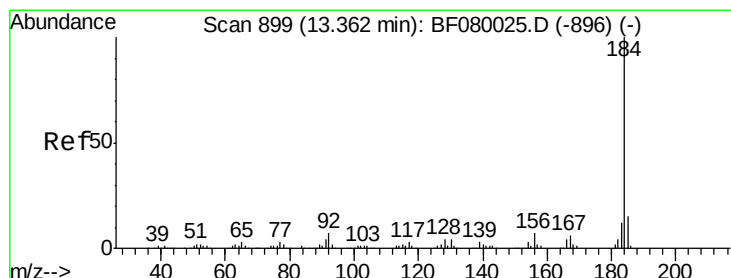
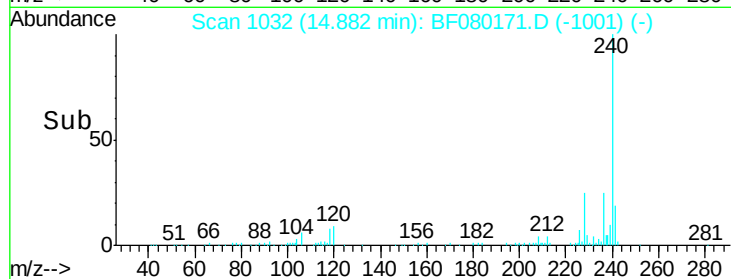
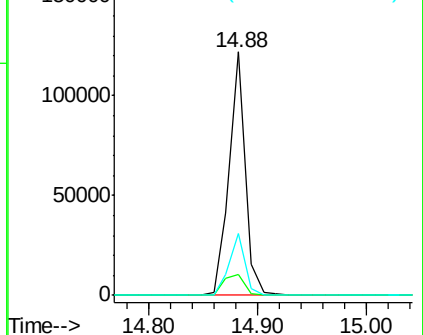
236 25.3 18.4 27.6



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: 34.37 ng

RT: 13.29 min Scan# 893

Delta R.T. 0.03 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

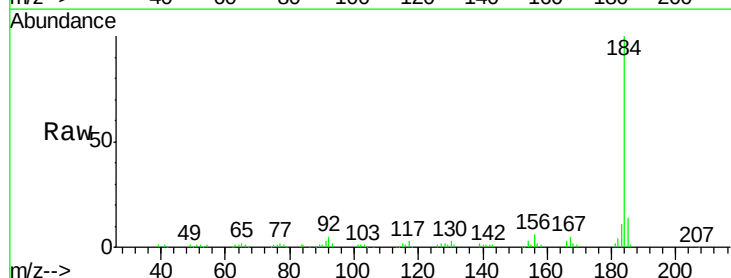
Tgt Ion:184 Resp: 120850

Ion Ratio Lower Upper

184 100

185 13.5 11.8 17.6

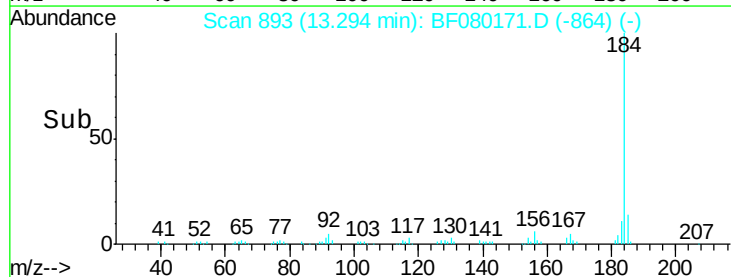
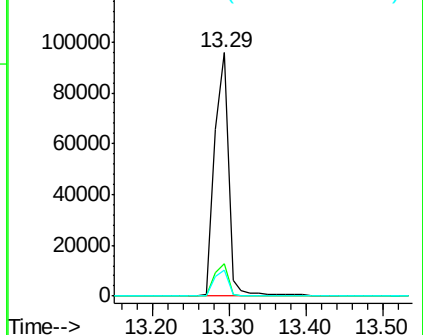
183 10.8 7.6 11.4

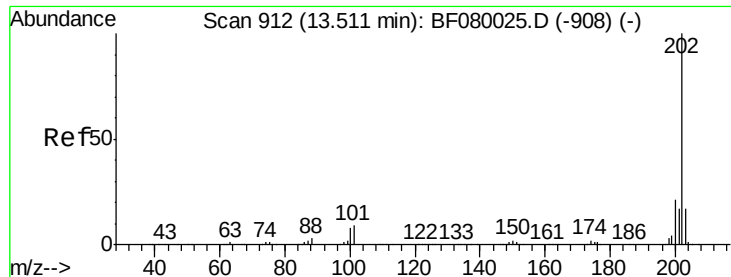


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

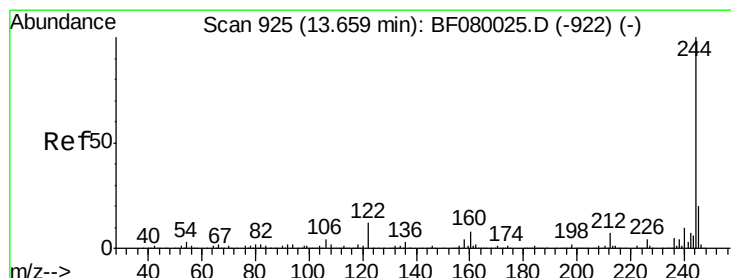
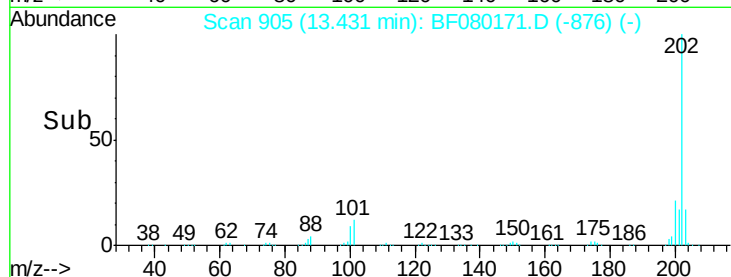
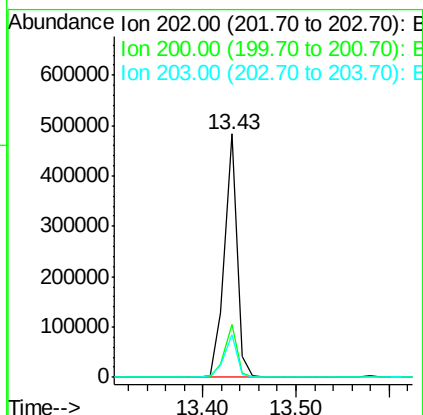
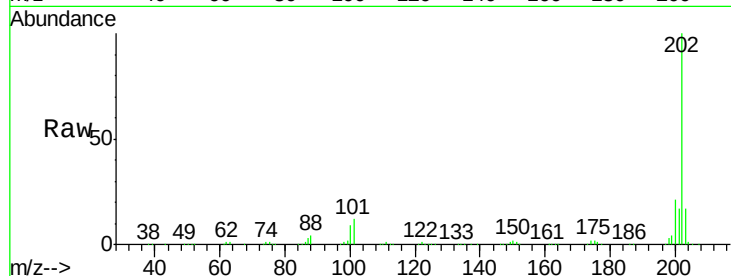




#77
 Pyrene
 Concen: 58.79 ng
 RT: 13.43 min Scan# 905
 Delta R.T. 0.03 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

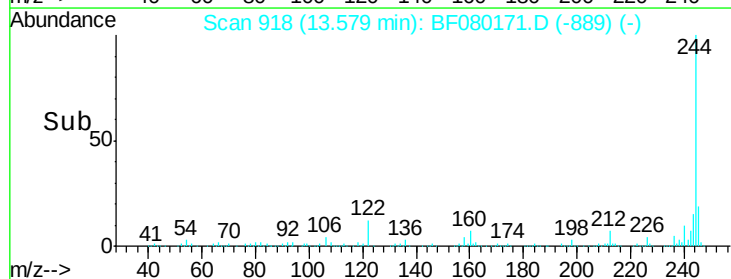
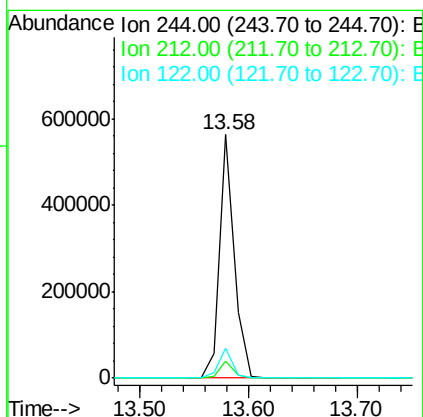
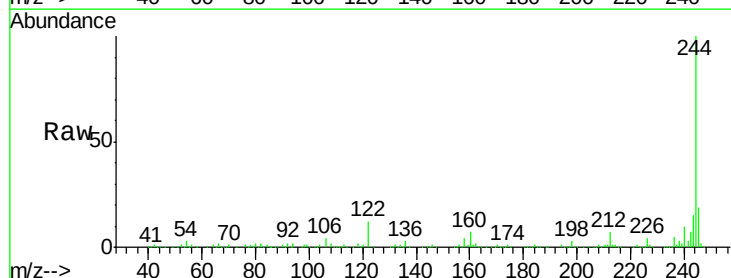
Instrument :
 BNA_F
 ClientSampleId :
 WC062315MSD

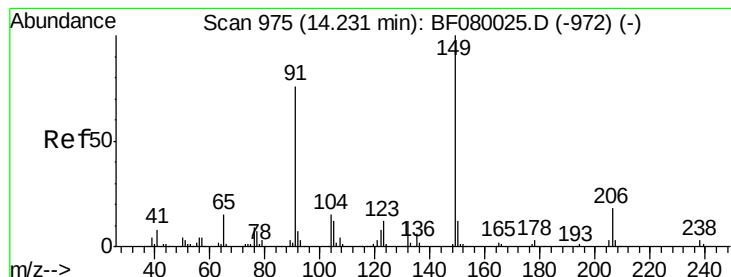
Tgt Ion: 202 Resp: 455297
 Ion Ratio Lower Upper
 202 100
 200 21.5 15.0 22.4
 203 17.3 14.1 21.1



#78
 Terphenyl-d14
 Concen: 99.60 ng
 RT: 13.58 min Scan# 918
 Delta R.T. 0.03 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Tgt Ion: 244 Resp: 536382
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.3 6.5#
 122 12.2 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 59.17 ng

RT: 14.14 min Scan# 967

Delta R.T. 0.05 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

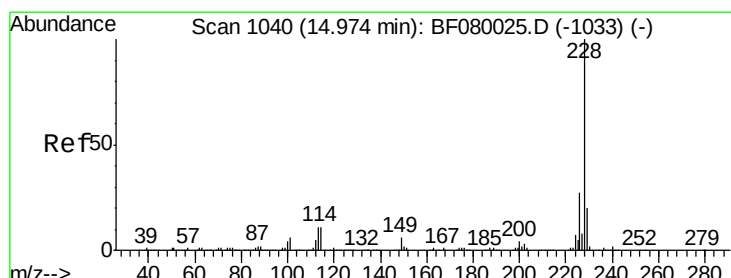
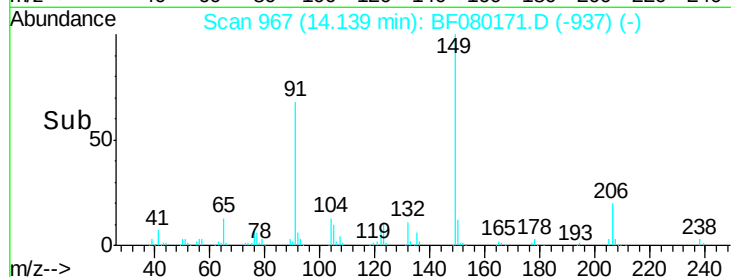
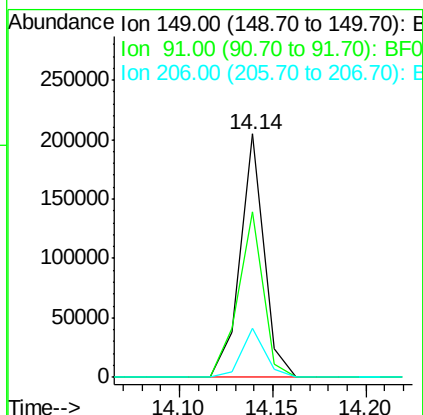
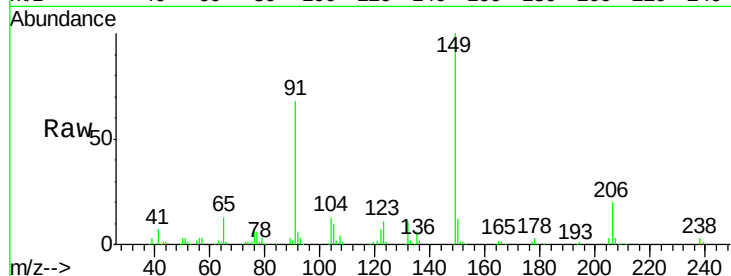
Instrument :

BNA_F

ClientSampleId :

WC062315MSD

Tgt Ion:	149	Resp:	184017
Ion Ratio	Lower	Upper	
149	100		
91	68.2	48.6	72.8
206	20.4	14.9	22.3



#80

Benzo(a)anthracene

Concen: 55.65 ng

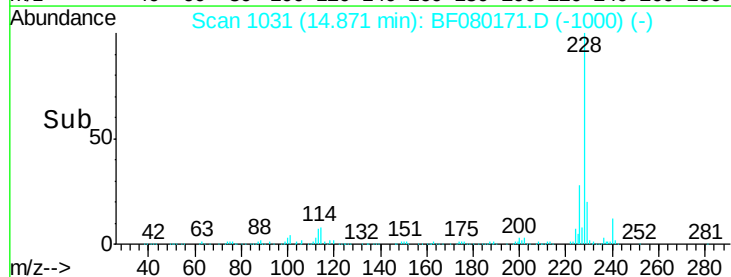
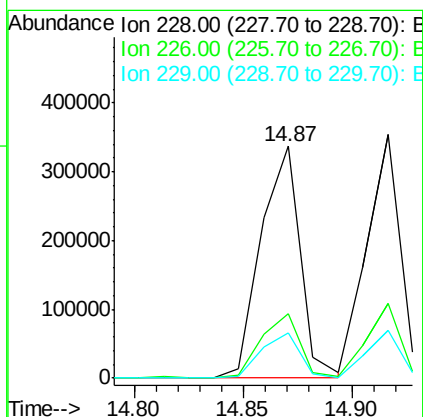
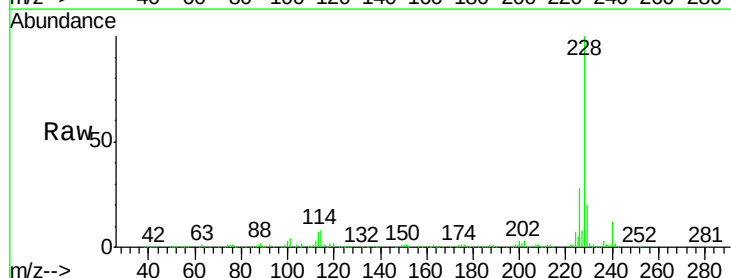
RT: 14.87 min Scan# 1031

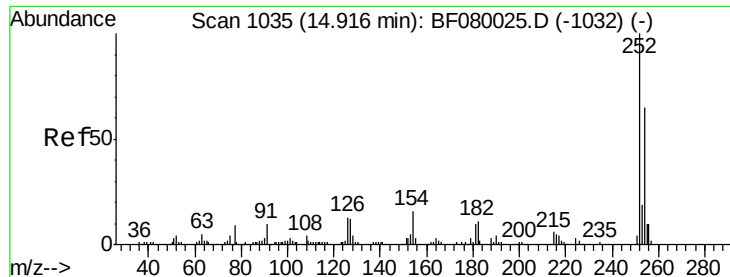
Delta R.T. 0.06 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Tgt Ion:	228	Resp:	426441
Ion Ratio	Lower	Upper	
228	100		
226	27.8	20.0	30.0
229	19.5	15.4	23.2

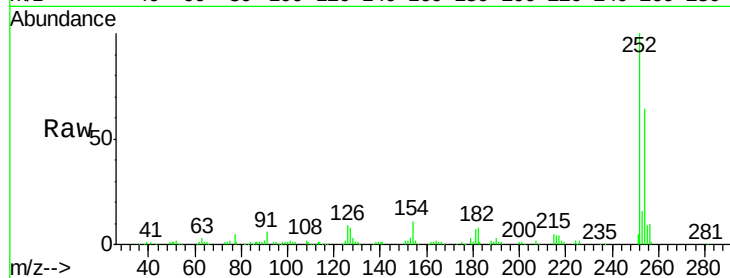




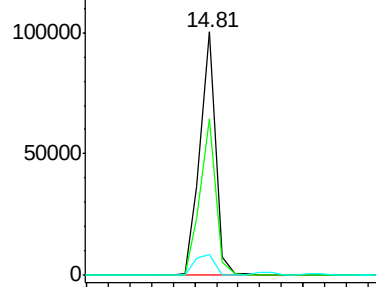
#81
 3,3'-Dichlorobenzidine
 Concen: 38.32 ng
 RT: 14.81 min Scan# 1026
 Delta R.T. 0.06 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

Instrument :
 BNA_F
 ClientSampleId :
 WC062315MSD

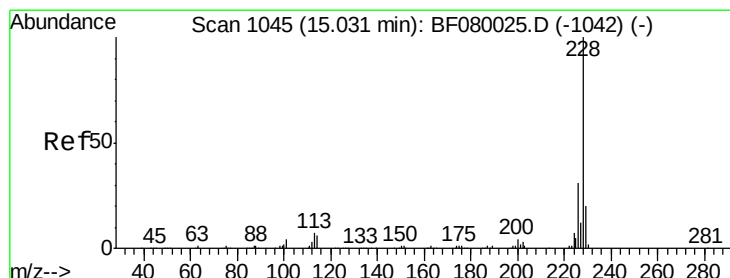
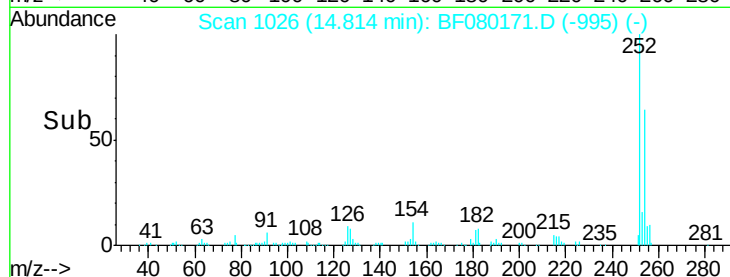
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.4	77.2
126	8.5	16.4	24.6



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

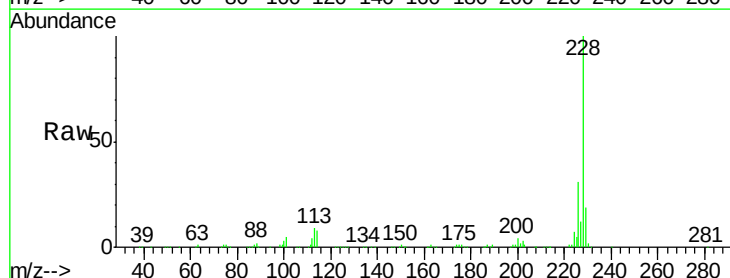


Time--> 14.70 14.80 14.90

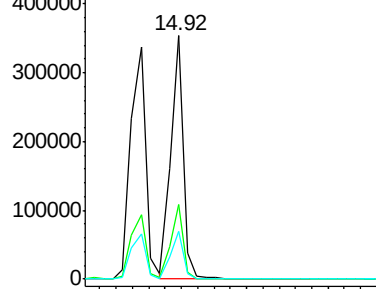


#82
 Chrysene
 Concen: 54.81 ng
 RT: 14.92 min Scan# 1035
 Delta R.T. 0.06 min
 Lab File: BF080171.D
 Acq: 25 Jun 2015 17:42

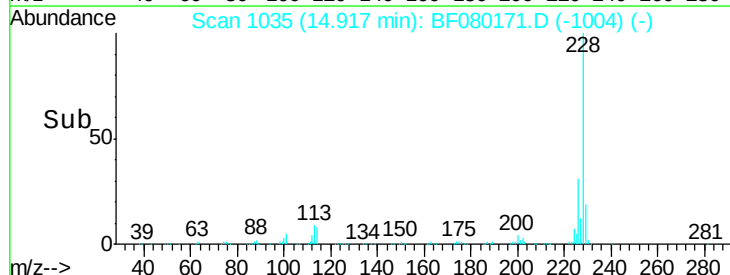
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.0	31.4
229	19.5	15.6	23.4

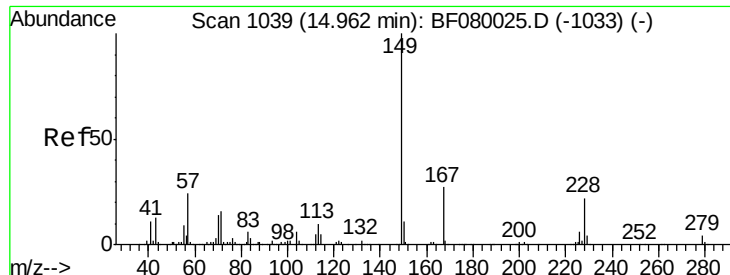


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time--> 14.90 15.00 15.10





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.65 ng

RT: 14.85 min Scan# 1029

Delta R.T. 0.06 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

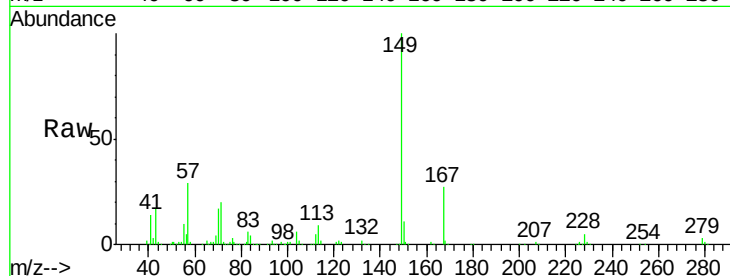
Tgt Ion:149 Resp: 268583

Ion Ratio Lower Upper

149 100

167 26.8 24.2 36.2

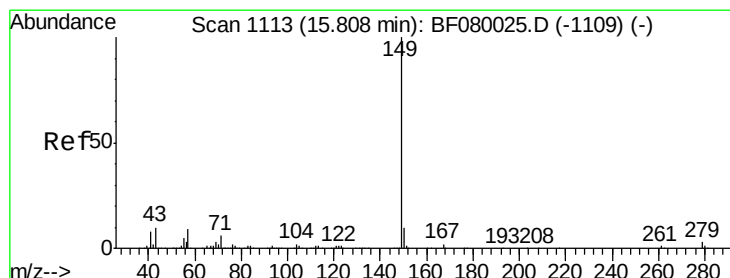
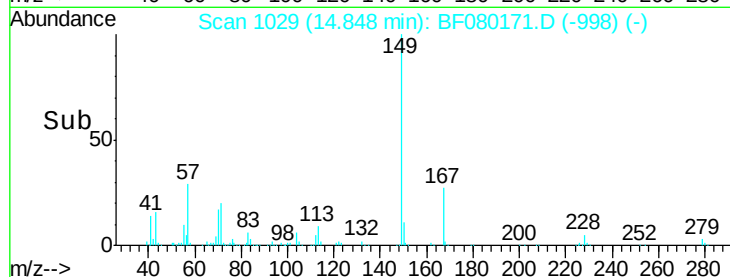
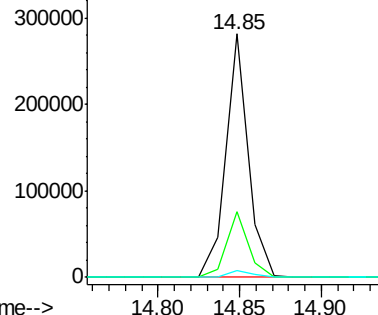
279 2.9 3.8 5.6#



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: 53.73 ng

RT: 15.67 min Scan# 1101

Delta R.T. 0.06 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

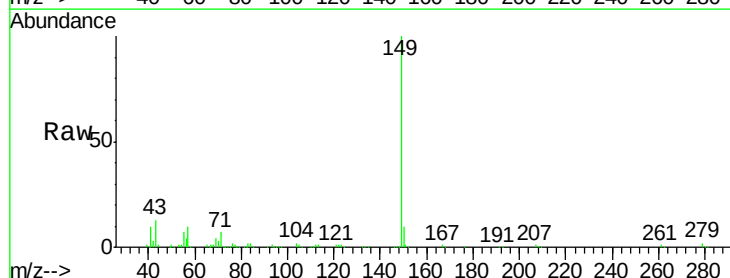
Tgt Ion:149 Resp: 452503

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

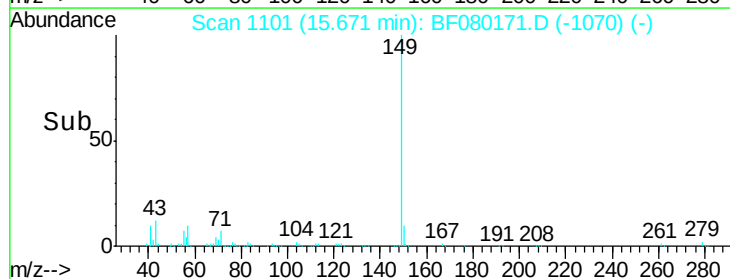
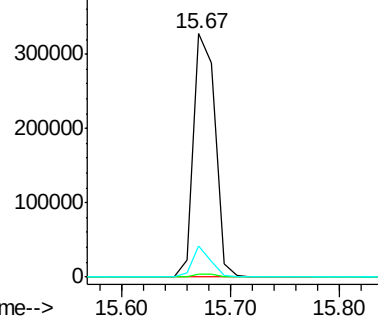
43 10.3 10.2 15.2

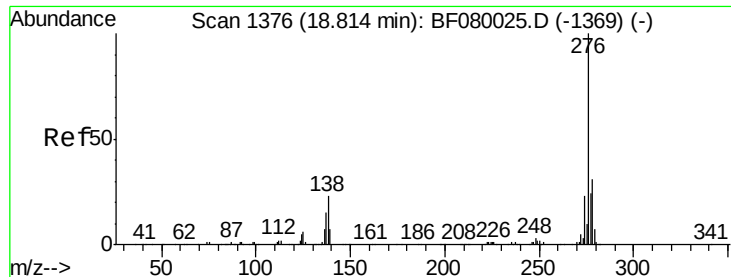


Abundance Ion 149.00 (148.70 to 149.70): E

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: 52.38 ng

RT: 18.62 min Scan# 1359

Delta R.T. 0.07 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

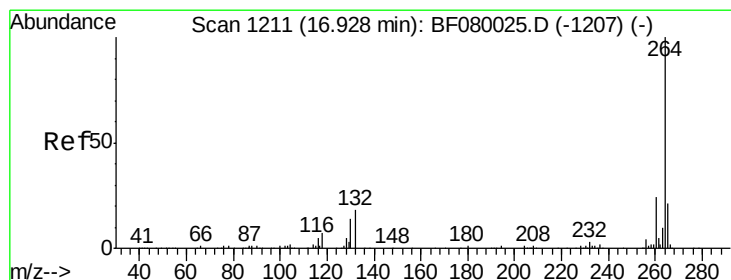
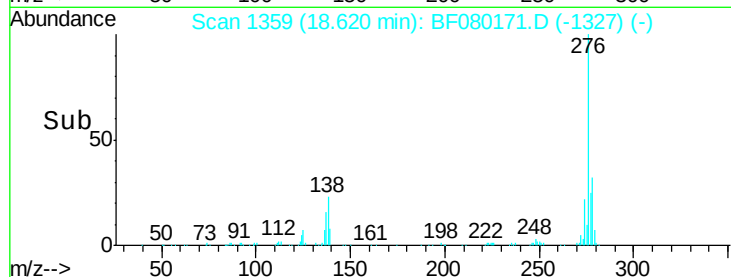
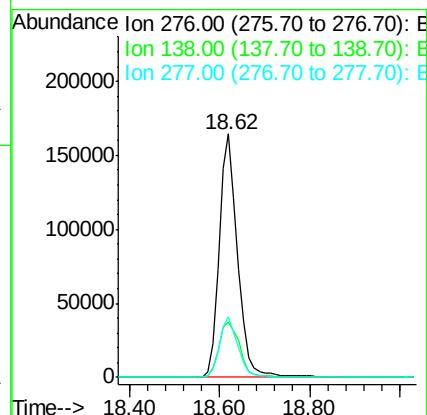
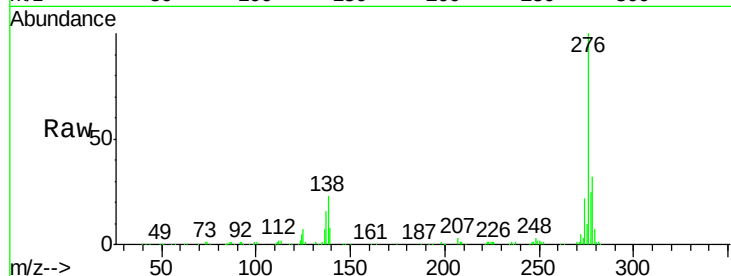
Tgt Ion:276 Resp: 466750

Ion Ratio Lower Upper

276 100

138 25.8 25.7 38.5

277 24.9 15.6 23.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.78 min Scan# 1198

Delta R.T. 0.07 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

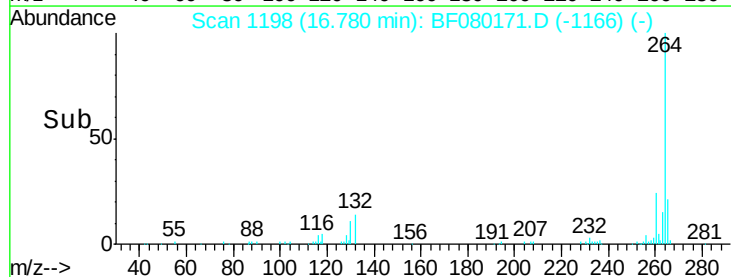
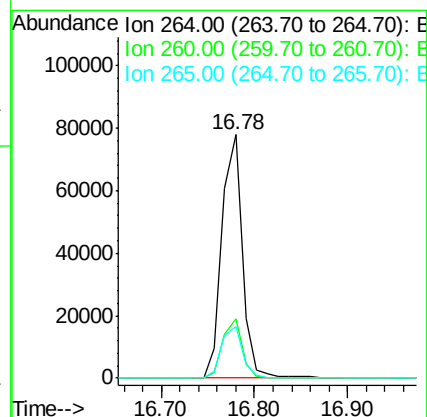
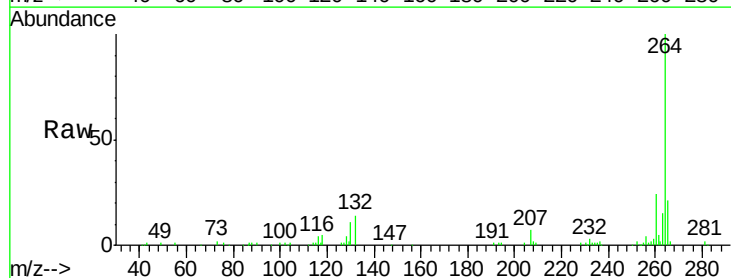
Tgt Ion:264 Resp: 119318

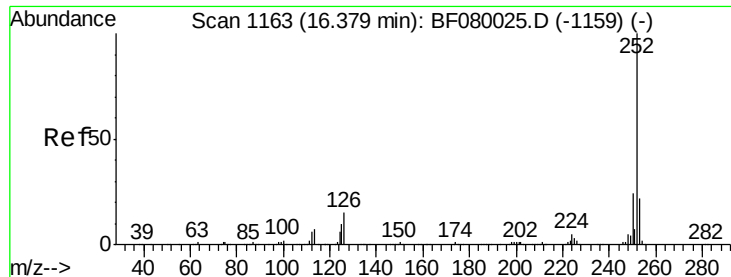
Ion Ratio Lower Upper

264 100

260 24.1 16.7 25.1

265 21.2 17.2 25.8

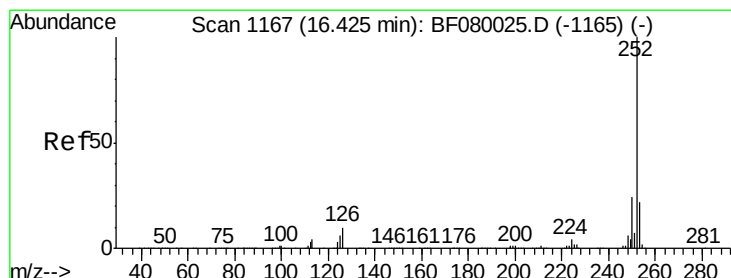
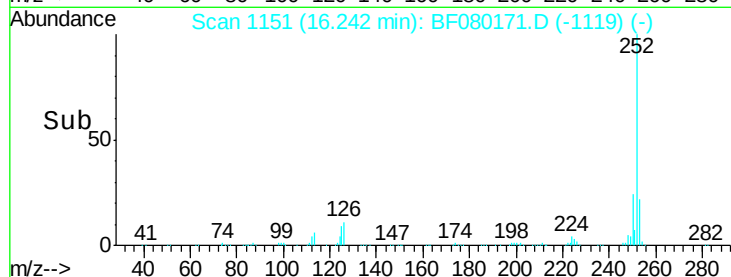
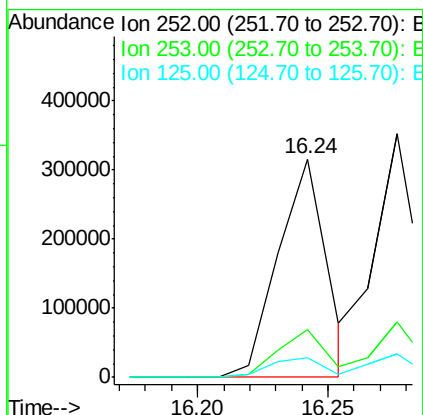
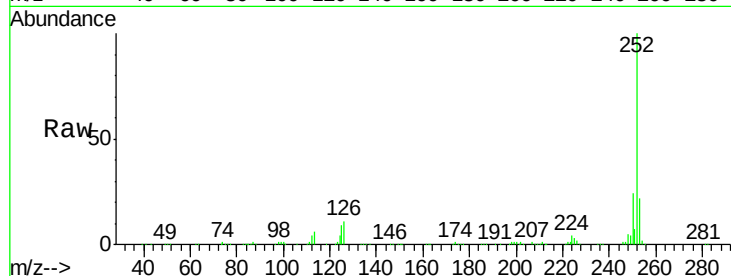




#87
Benzo(b)fluoranthene
Concen: 56.13 ng
RT: 16.24 min Scan# 1151
Delta R.T. 0.07 min
Lab File: BF080171.D
Acq: 25 Jun 2015 17:42

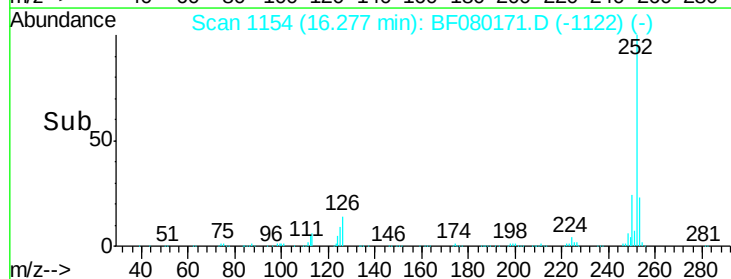
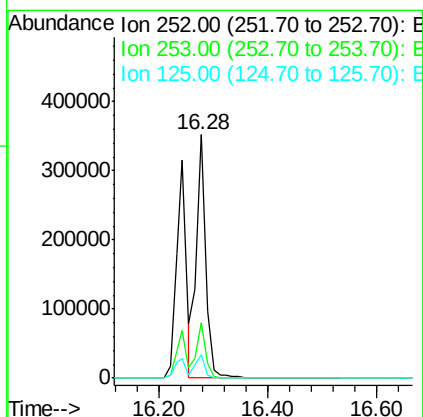
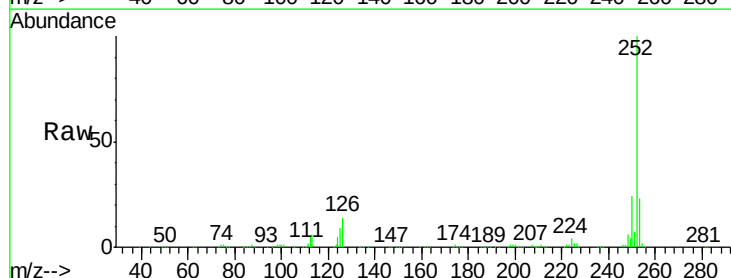
Instrument :
BNA_F
ClientSampleId :
WC062315MSD

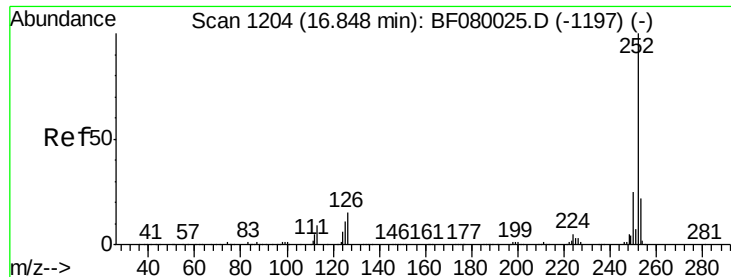
Tgt Ion:252 Resp: 405483
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.8 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 56.77 ng
RT: 16.28 min Scan# 1154
Delta R.T. 0.07 min
Lab File: BF080171.D
Acq: 25 Jun 2015 17:42

Tgt Ion:252 Resp: 417609
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 9.4 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 58.83 ng

RT: 16.70 min Scan# 1191

Delta R.T. 0.07 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD

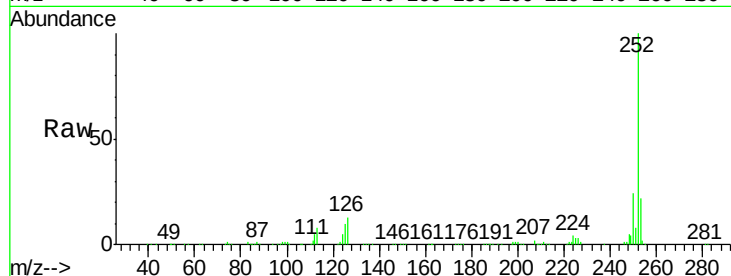
Tgt Ion:252 Resp: 403628

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

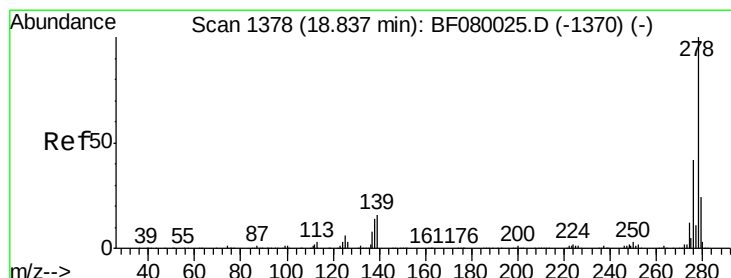
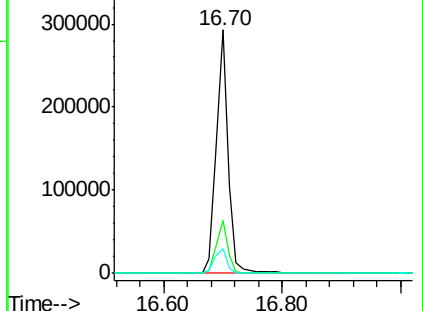
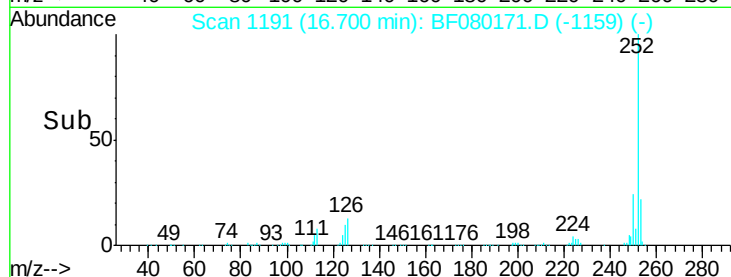
125 9.9 18.0 27.0#



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: 55.49 ng

RT: 18.64 min Scan# 1361

Delta R.T. 0.07 min

Lab File: BF080171.D

Acq: 25 Jun 2015 17:42

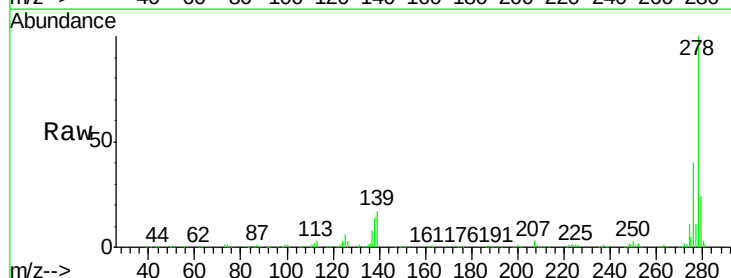
Tgt Ion:278 Resp: 389666

Ion Ratio Lower Upper

278 100

139 16.7 26.3 39.5#

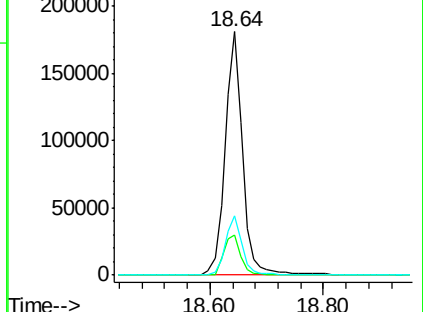
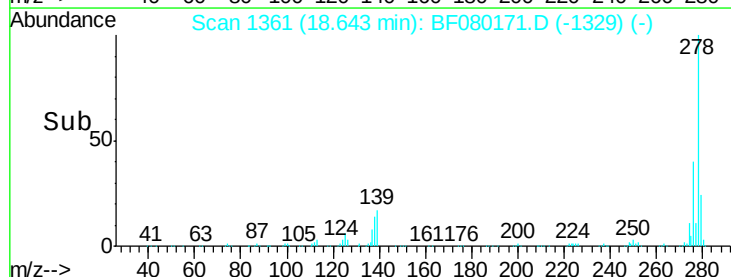
279 24.2 18.2 27.4

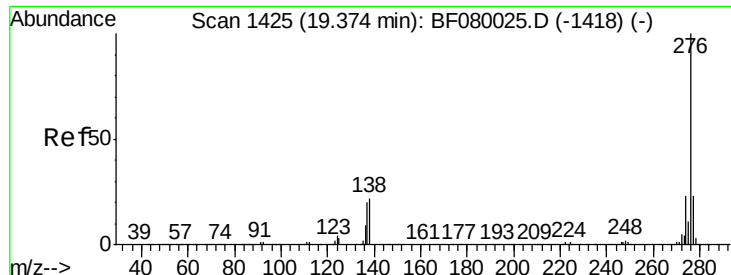


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 56.10 ng

RT: 19.17 min Scan# 1407

Delta R.T. 0.06 min

Lab File: BF080171.D

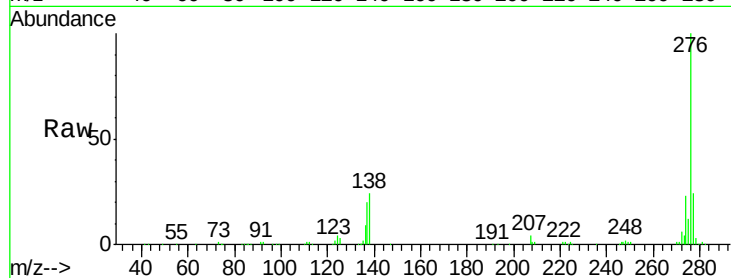
Acq: 25 Jun 2015 17:42

Instrument :

BNA_F

ClientSampleId :

WC062315MSD



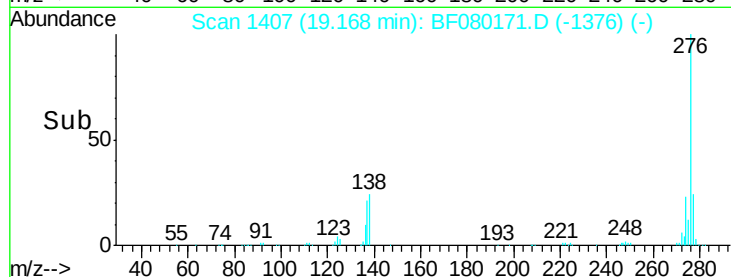
Tgt Ion: 276 Resp: 397748

Ion Ratio Lower Upper

276 100

277 23.6 17.8 26.6

138 24.2 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

