

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080839.D
 Acq On : 4 Aug 2015 12:52
 Operator : TP
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 15:44:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 14:50:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	201147	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	759045	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	335960	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	530789	20.00	ng	0.00
75) Chrysene-d12	13.99	240	393173	20.00	ng	0.00
86) Perylene-d12	15.39	264	378962	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1012945	83.61	ng	0.00
7) Phenol-d6	6.46	99	1230501	75.54	ng	0.00
23) Nitrobenzene-d5	7.40	82	1077899	69.74	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	267512	82.78	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1579960	70.75	ng	0.00
78) Terphenyl-d14	12.93	244	1344190	68.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	231095	37.23	ng	99
3) Pyridine	3.18	79	663337	40.58	ng	97
4) n-Nitrosodimethylamine	3.13	42	342627	37.74	ng	100
6) Aniline	6.50	93	869098	37.31	ng	99
8) 2-Chlorophenol	6.62	128	500856	37.54	ng	98
9) Benzaldehyde	6.38	77	385062	39.97	ng	99
10) Phenol	6.48	94	616252	32.50	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	563971	41.39	ng	100
12) 1,3-Dichlorobenzene	6.77	146	548207	36.57	ng	100
13) 1,4-Dichlorobenzene	6.85	146	574464	38.44	ng	99
14) 1,2-Dichlorobenzene	7.01	146	505699	36.54	ng	100
15) Benzyl Alcohol	6.98	79	403444	36.35	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	992905	36.86	ng	98
17) 2-Methylphenol	7.09	107	466575	39.63	ng	99
18) Hexachloroethane	7.34	117	202634	36.79	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	369695	35.13	ng	98
20) 3+4-Methylphenols	7.24	107	479449	35.05	ng	97
22) Acetophenone	7.25	105	713230	38.55	ng	99
24) Nitrobenzene	7.42	77	596460	37.98	ng	98
25) Isophorone	7.66	82	1063057	38.49	ng	99
26) 2-Nitrophenol	7.73	139	244337	36.39	ng	98
27) 2,4-Dimethylphenol	7.78	122	498508	38.98	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	594729	35.68	ng	99
29) 2,4-Dichlorophenol	7.97	162	389008	36.24	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	449639	38.50	ng	98
31) Naphthalene	8.14	128	1465686	39.25	ng	100
32) Benzoic acid	7.88	122	276720	35.79	ng	93
33) 4-Chloroaniline	8.19	127	611242	38.86	ng	99
34) Hexachlorobutadiene	8.26	225	261628	36.50	ng	98
35) Caprolactam	8.56	113	117339	39.34	ng	# 59
36) 4-Chloro-3-methylphenol	8.67	107	444891	38.60	ng	97
37) 2-Methylnaphthalene	8.83	142	861131	36.79	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	417256	38.98	ng	99
40) Hexachlorocyclopentadiene	8.99	237	219369	33.72	ng	99

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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 15:44:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 14:50:50 2015
 Response via : Initial Calibration

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

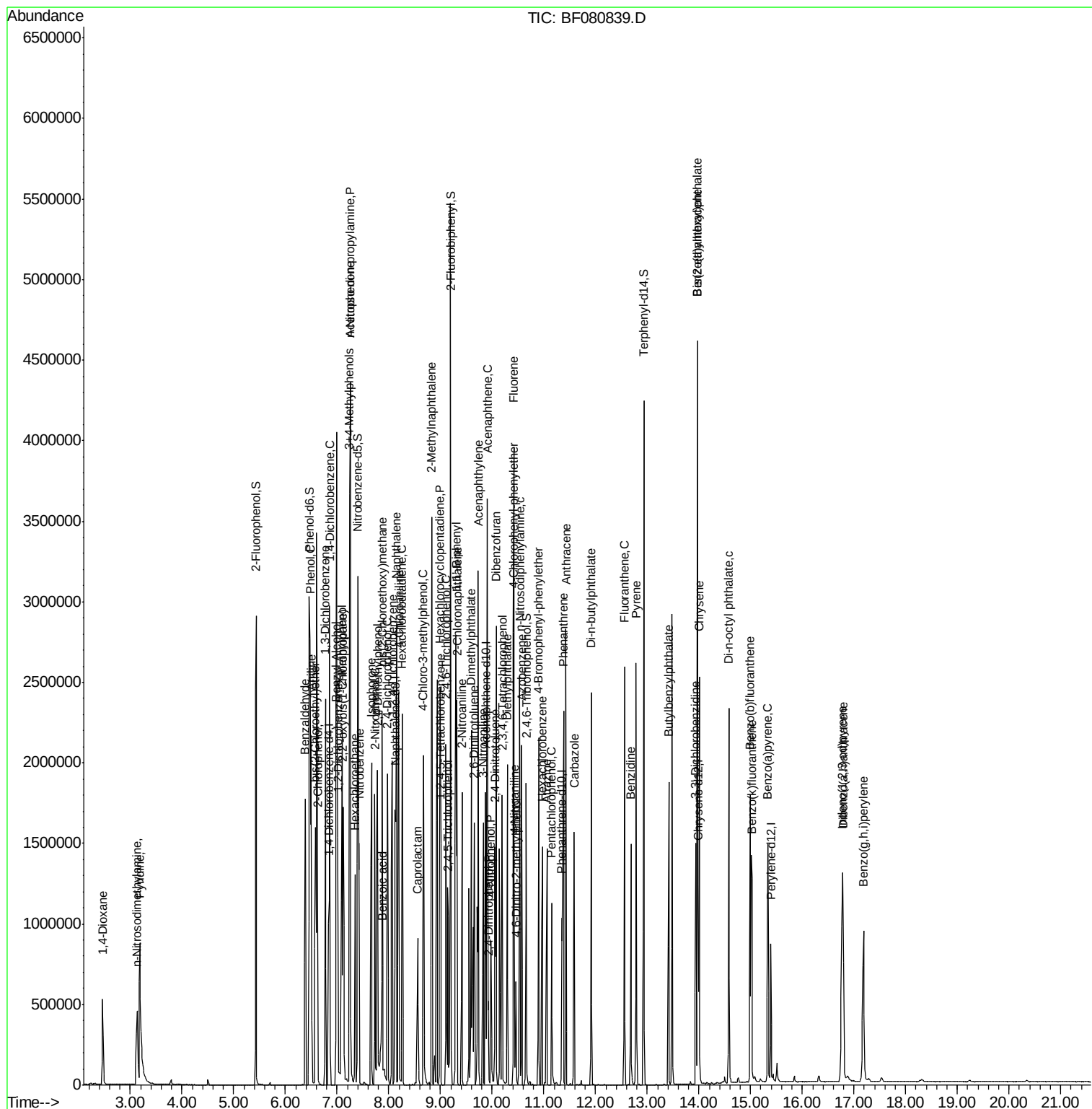
42) 2,4,6-Trichlorophenol	9.10	196	280998	37.08	ng	99
43) 2,4,5-Trichlorophenol	9.15	196	287202	38.64	ng	# 79
45) 1,1'-Biphenyl	9.30	154	1019042	40.08	ng	99
46) 2-Chloronaphthalene	9.32	162	840271	39.93	ng	99
47) 2-Nitroaniline	9.41	65	326064	41.87	ng	99
48) Acenaphthylene	9.73	152	1284763	38.99	ng	99
49) Dimethylphthalate	9.60	163	825883	36.87	ng	100
50) 2,6-Dinitrotoluene	9.65	165	173914	35.81	ng	97
51) Acenaphthene	9.90	154	761679	38.32	ng	98
52) 3-Nitroaniline	9.82	138	237499	41.77	ng	100
53) 2,4-Dinitrophenol	9.93	184	81106	30.66	ng	97
54) Dibenzofuran	10.08	168	1025160	39.11	ng	99
55) 4-Nitrophenol	9.97	139	141876	35.55	ng	97
56) 2,4-Dinitrotoluene	10.05	165	209246	34.21	ng	98
57) Fluorene	10.42	166	800444	39.31	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	206970	38.87	ng	95
59) Diethylphthalate	10.29	149	794230	36.91	ng	100
60) 4-Chlorophenyl-phenylether	10.41	204	351824	34.96	ng	99
61) 4-Nitroaniline	10.43	138	180431	34.90	ng	99
62) Azobenzene	10.57	77	922809	37.04	ng	99
64) 4,6-Dinitro-2-methylphenol	10.46	198	113655	32.99	ng	99
65) n-Nitrosodiphenylamine	10.53	169	758166	40.96	ng	100
66) 4-Bromophenyl-phenylether	10.90	248	219965	37.78	ng	98
67) Hexachlorobenzene	10.97	284	271056	41.25	ng	99
68) Atrazine	11.06	200	198373	46.75	ng	99
69) Pentachlorophenol	11.15	266	145965	41.30	ng	95
70) Phenanthrene	11.38	178	1103143	39.93	ng	100
71) Anthracene	11.43	178	986504	36.01	ng	100
72) Carbazole	11.59	167	938504	40.05	ng	99
73) Di-n-butylphthalate	11.92	149	1152788	40.63	ng	99
74) Fluoranthene	12.56	202	967728	36.90	ng	100
76) Benzidine	12.68	184	543327	46.86	ng	99
77) Pyrene	12.79	202	1031340	35.35	ng	98
79) Butylbenzylphthalate	13.41	149	469701	41.01	ng	99
80) Benzo(a)anthracene	13.97	228	848582	38.09	ng	98
81) 3,3'-Dichlorobenzidine	13.94	252	346921	43.76	ng	98
82) Chrysene	14.01	228	849639	39.00	ng	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	620838	43.94	ng	99
84) Di-n-octyl phthalate	14.58	149	1023598	45.82	ng	98
85) Indeno(1,2,3-cd)pyrene	16.77	276	913829	45.86	ng	98
87) Benzo(b)fluoranthene	14.99	252	796980m	35.90	ng	
88) Benzo(k)fluoranthene	15.03	252	799693m	41.27	ng	
89) Benzo(a)pyrene	15.33	252	737771	38.94	ng	98
90) Dibenzo(a,h)anthracene	16.79	278	753162	40.97	ng	97
91) Benzo(g,h,i)perylene	17.19	276	751126	39.09	ng	# 94

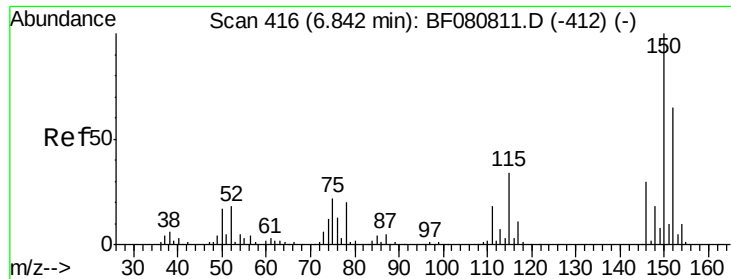
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\  
Data File : BF080839.D  
Acq On    : 4 Aug 2015 12:52  
Operator   : TP  
Sample     : SSTCCCC040  
Misc      :  
ALS Vial   : 6 Sample Multiplier: 1
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BNA_F
ClientSampleId :

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

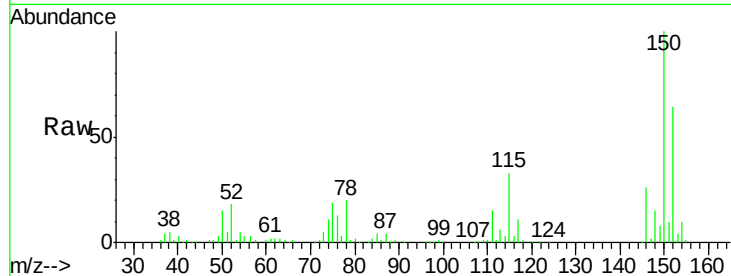
Tgt Ion:152 Resp: 201147

Ion Ratio Lower Upper

152 100

150 156.0 122.9 184.3

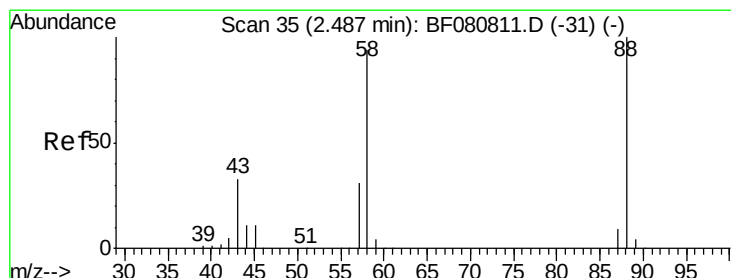
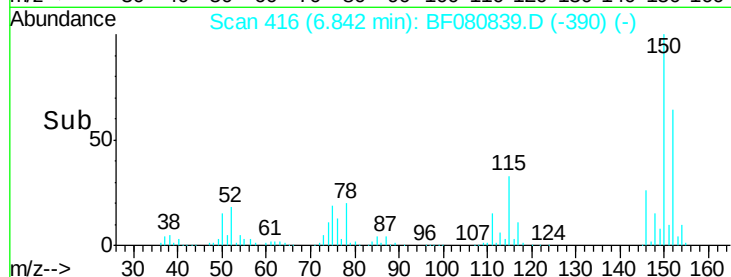
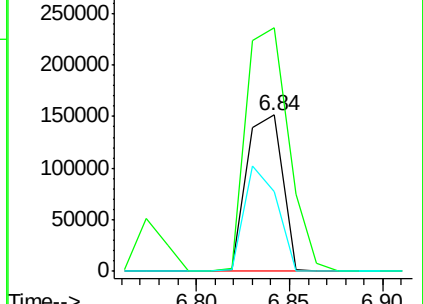
115 51.5 42.0 63.0



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: 37.23 ng

RT: 2.46 min Scan# 33

Delta R.T. -0.02 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

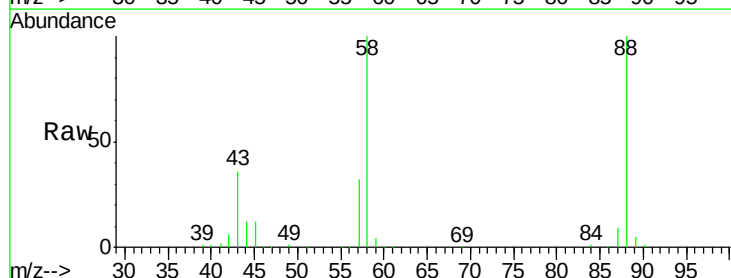
Tgt Ion: 88 Resp: 231095

Ion Ratio Lower Upper

88 100

58 98.4 78.2 117.4

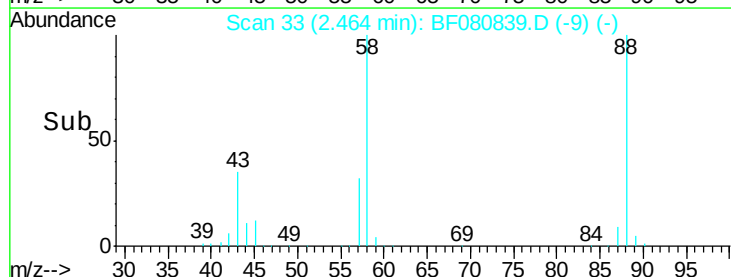
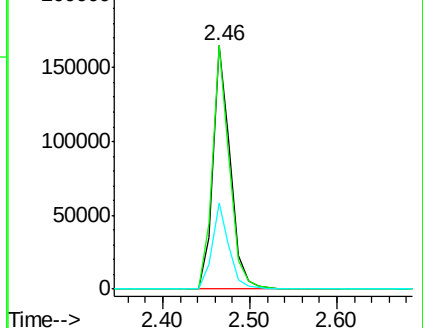
43 34.7 27.6 41.4

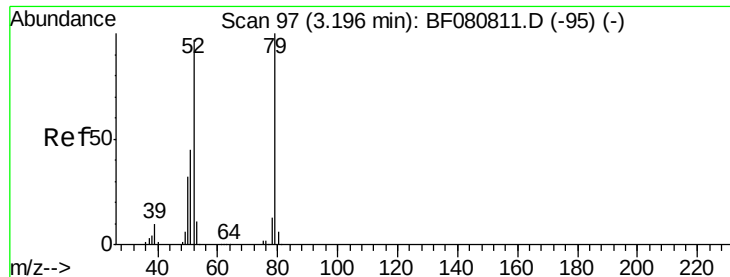


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.58 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.01 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

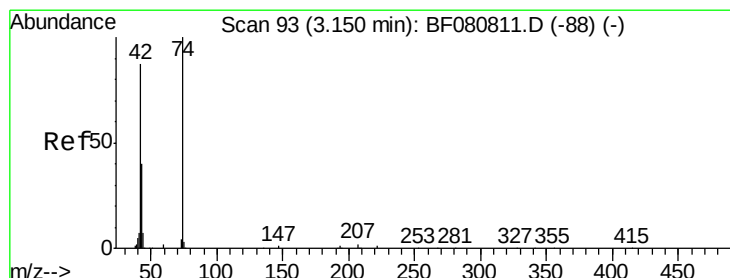
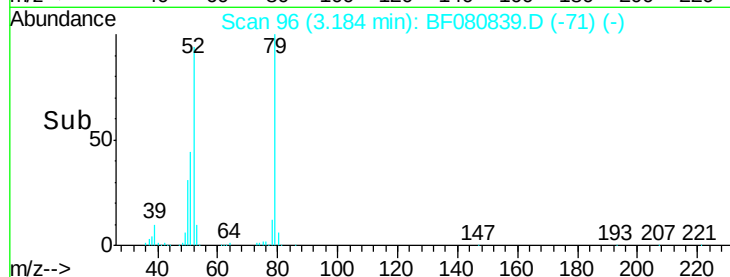
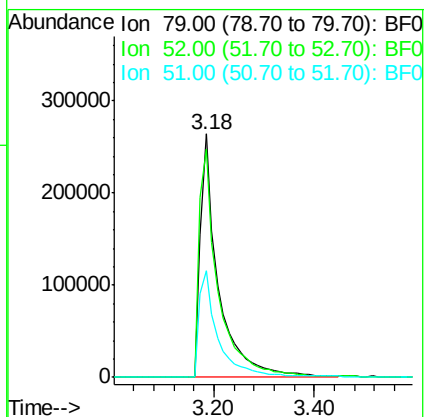
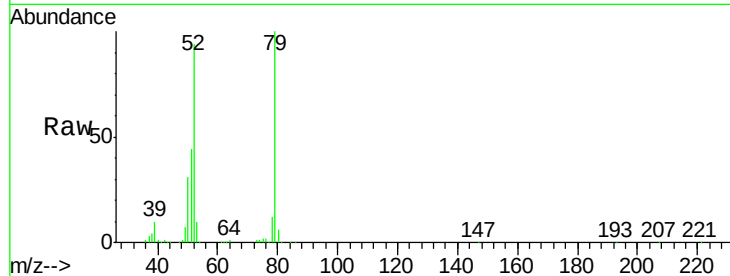
Tgt Ion: 79 Resp: 663337

Ion Ratio Lower Upper

79 100

52 93.6 77.7 116.5

51 43.8 35.8 53.8



#4

n-Nitrosodimethylamine

Concen: 37.74 ng

RT: 3.13 min Scan# 91

Delta R.T. -0.02 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

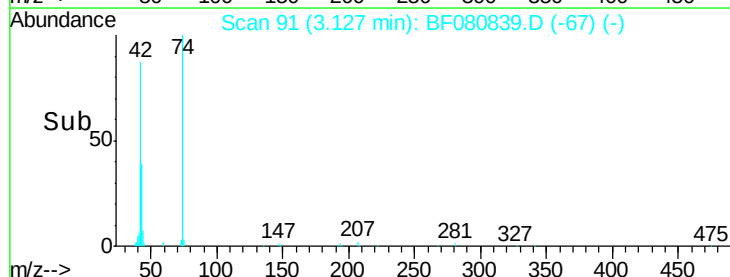
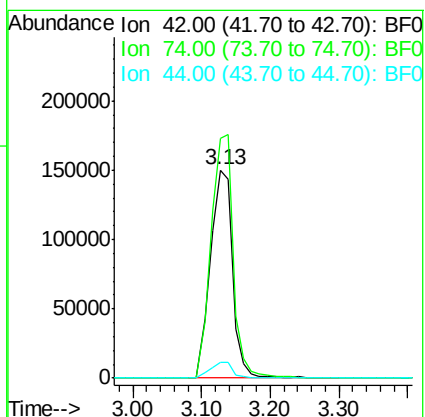
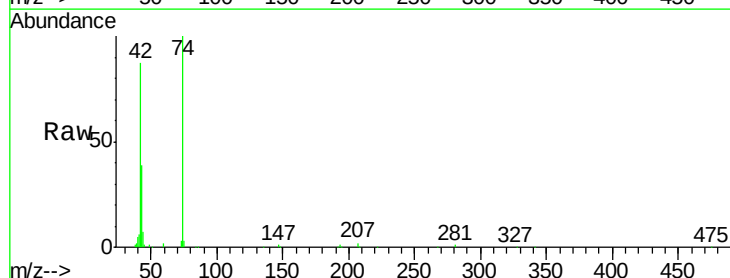
Tgt Ion: 42 Resp: 342627

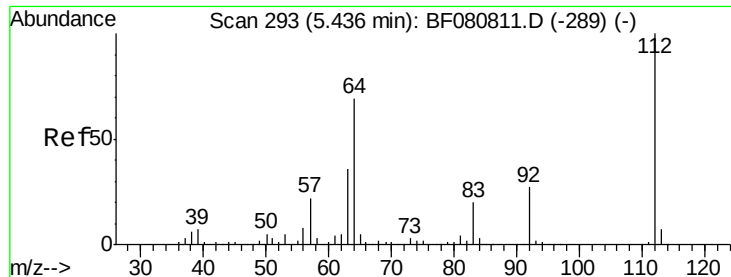
Ion Ratio Lower Upper

42 100

74 115.0 92.4 138.6

44 7.8 6.2 9.2





#5

2-Fluorophenol

Concen: 83.61 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampled :

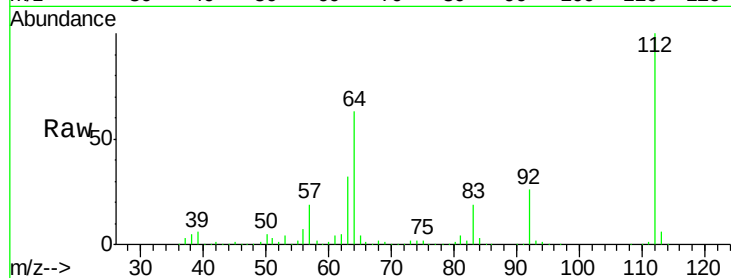
Tgt Ion: 112 Resp: 1012945

Ion Ratio Lower Upper

112 100

64 62.9 55.0 82.4

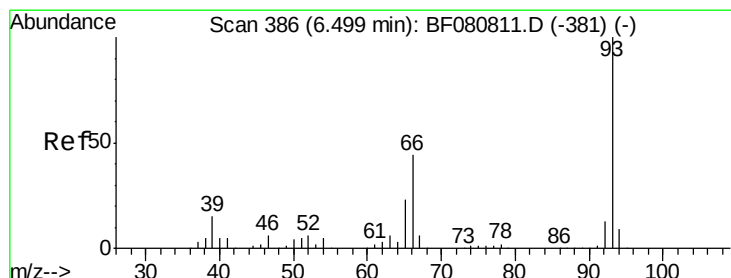
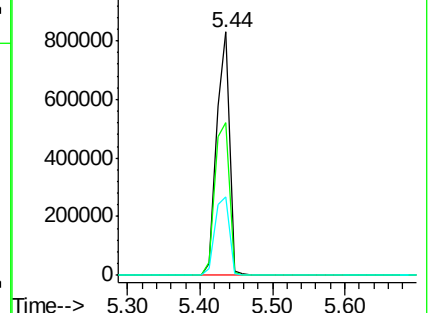
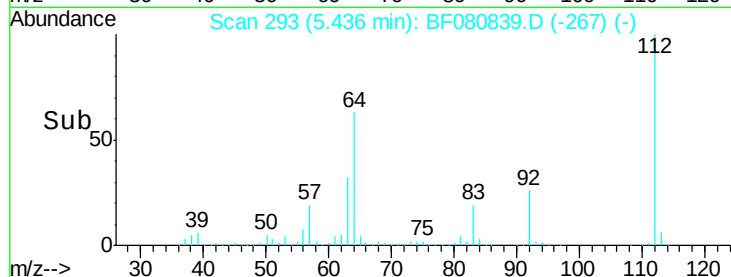
63 32.3 28.6 42.8



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: 37.31 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

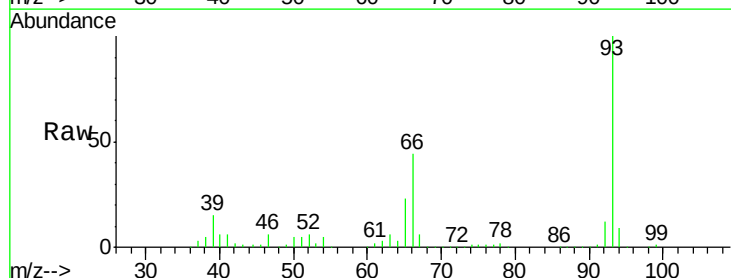
Tgt Ion: 93 Resp: 869098

Ion Ratio Lower Upper

93 100

66 43.5 35.3 52.9

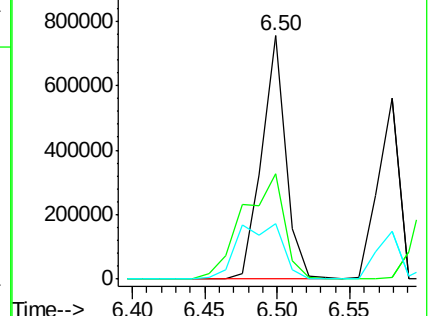
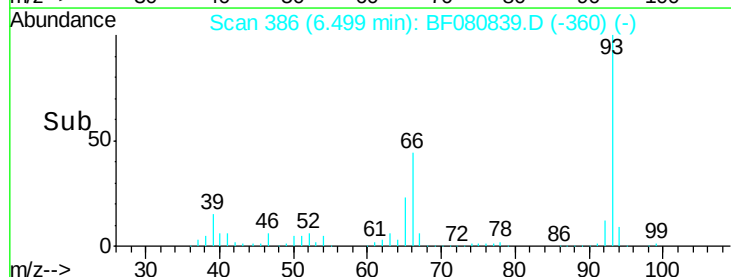
65 22.5 18.7 28.1

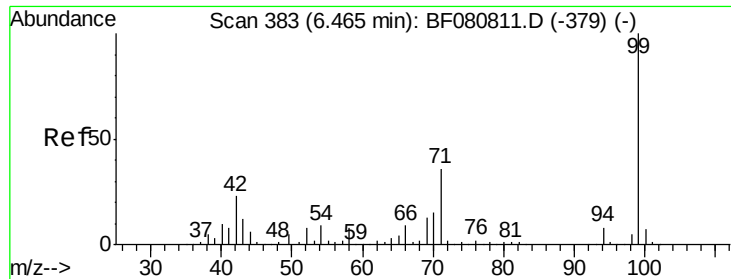


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.54 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

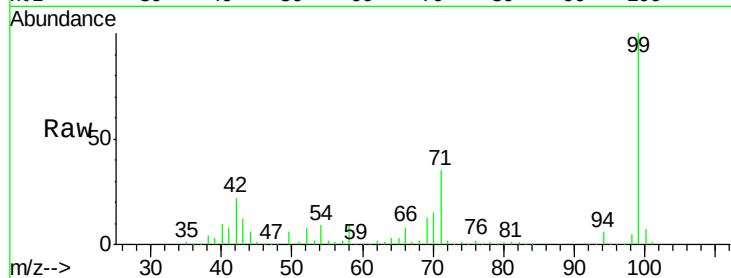
Tgt Ion: 99 Resp: 1230501

Ion Ratio Lower Upper

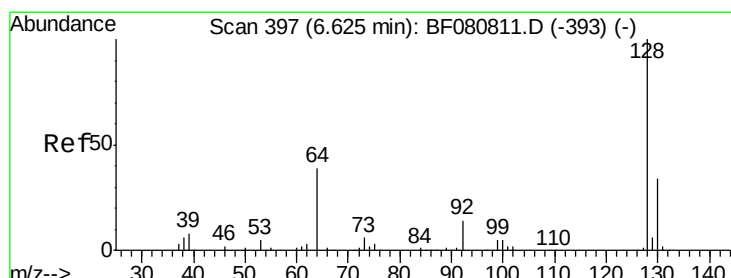
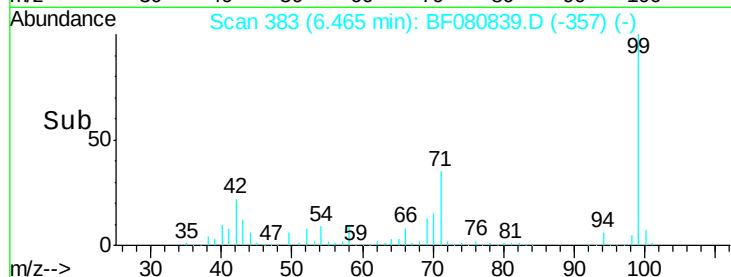
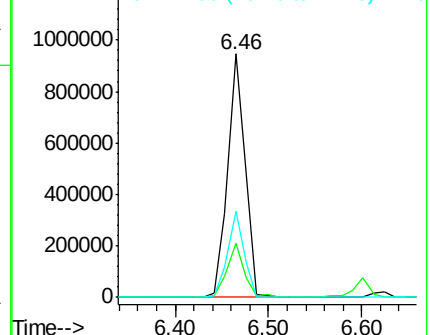
99 100

42 22.3 18.4 27.6

71 35.4 28.7 43.1



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: 37.54 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

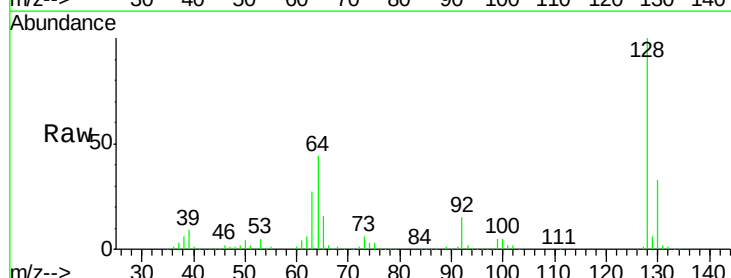
Tgt Ion: 128 Resp: 500856

Ion Ratio Lower Upper

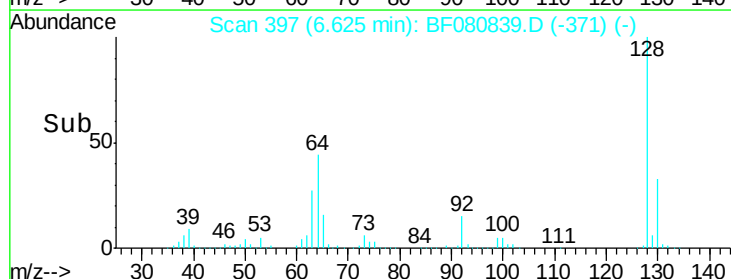
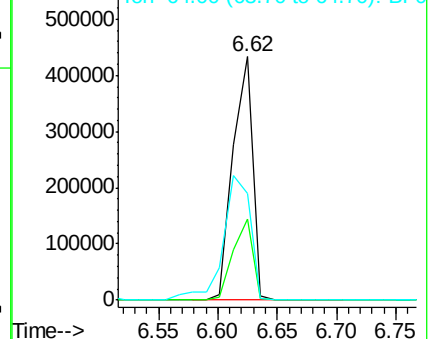
128 100

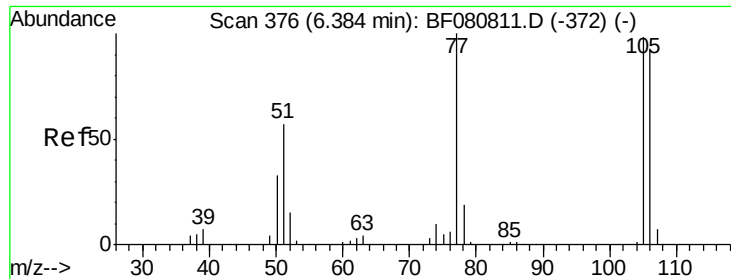
130 33.4 14.1 54.1

64 43.6 22.3 62.3



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

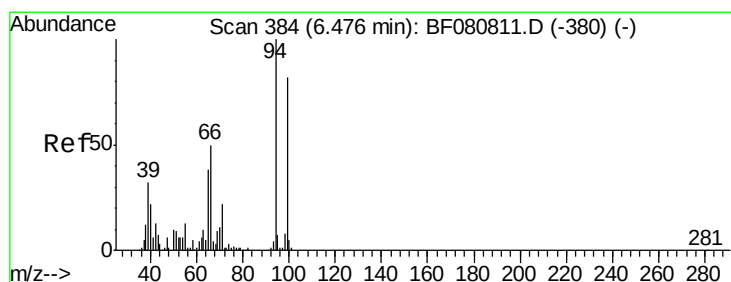
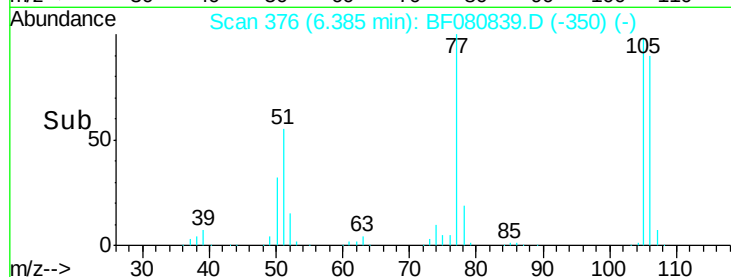
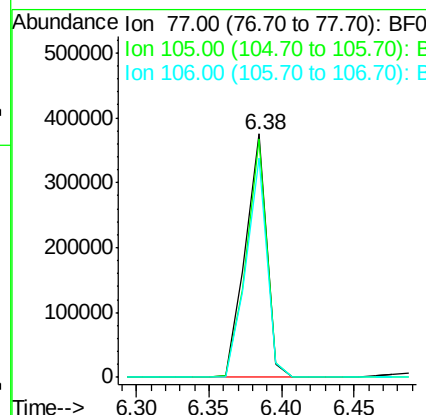
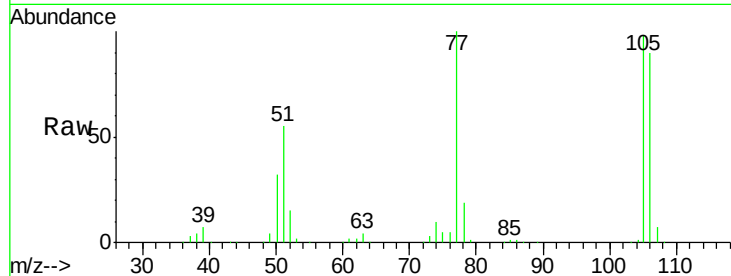




#9
Benzaldehyde
Concen: 39.97 ng
RT: 6.38 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

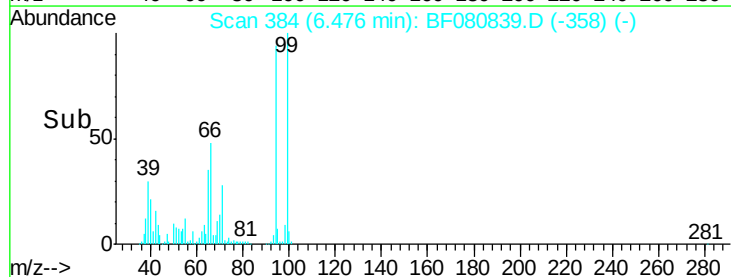
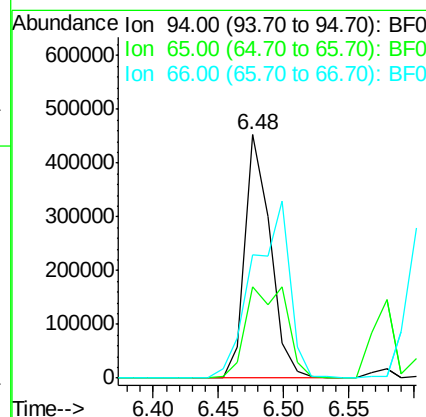
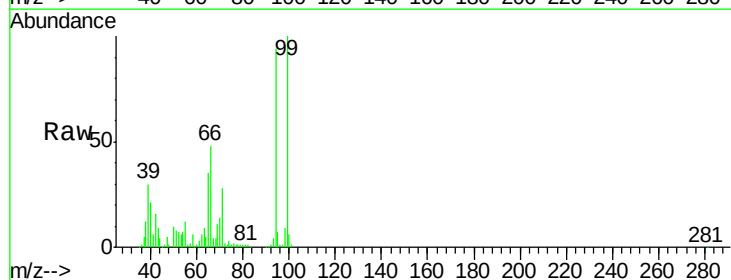
Instrument :
BNA_F
ClientSampleId :

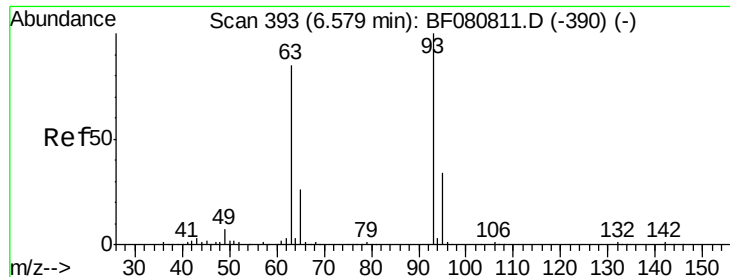
Tgt Ion: 77 Resp: 385062
Ion Ratio Lower Upper
77 100
105 97.9 78.1 118.1
106 90.0 72.7 112.7



#10
Phenol
Concen: 32.50 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion: 94 Resp: 616252
Ion Ratio Lower Upper
94 100
65 37.3 17.5 57.5
66 50.7 29.6 69.6





#11

bis(2-Chloroethyl)ether

Concen: 41.39 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

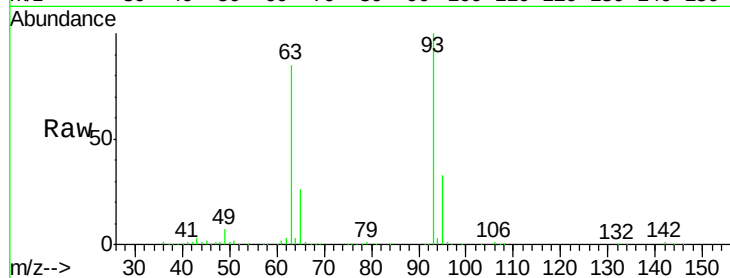
Tgt Ion: 93 Resp: 563971

Ion Ratio Lower Upper

93 100

63 84.6 64.9 104.9

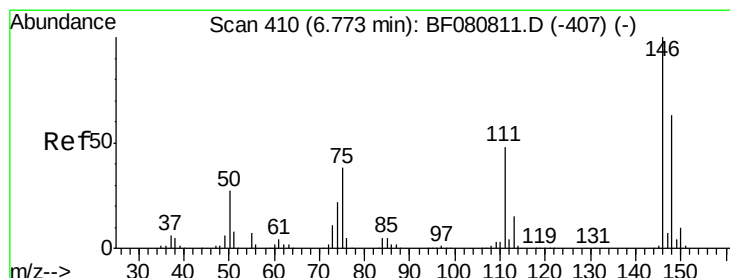
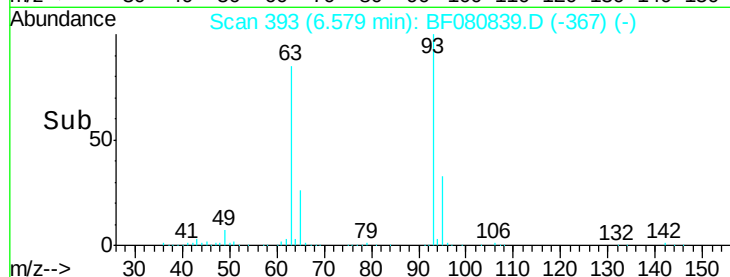
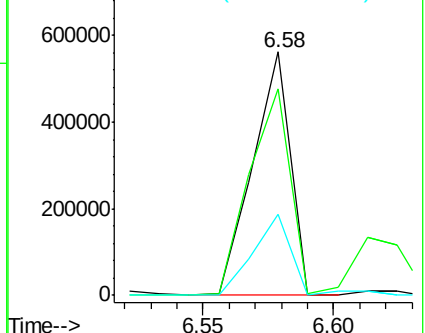
95 33.3 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.57 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

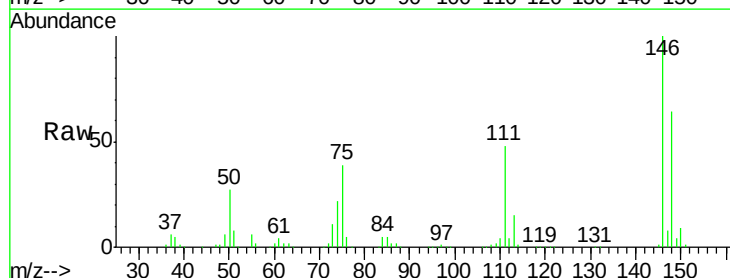
Tgt Ion: 146 Resp: 548207

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

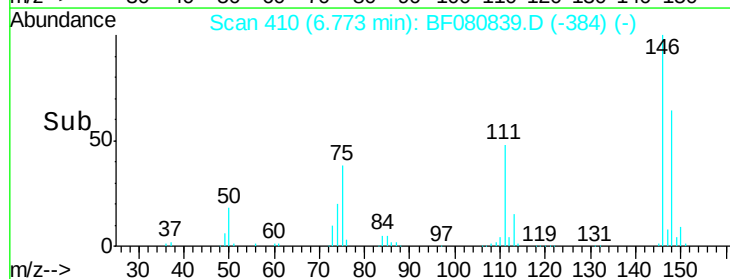
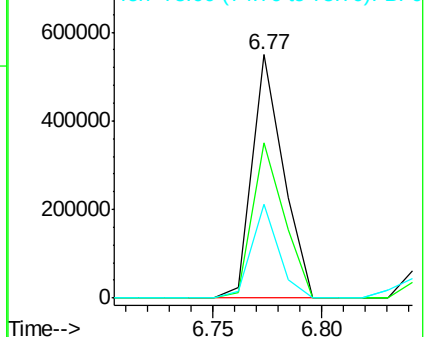
75 38.6 30.7 46.1

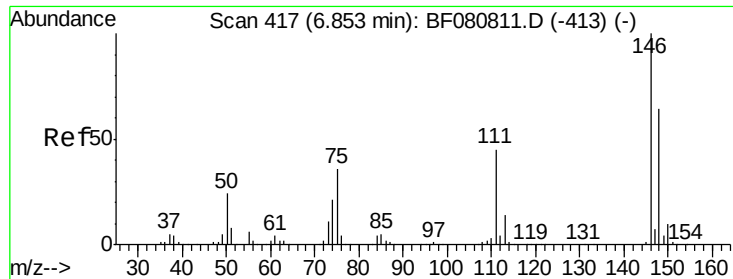


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

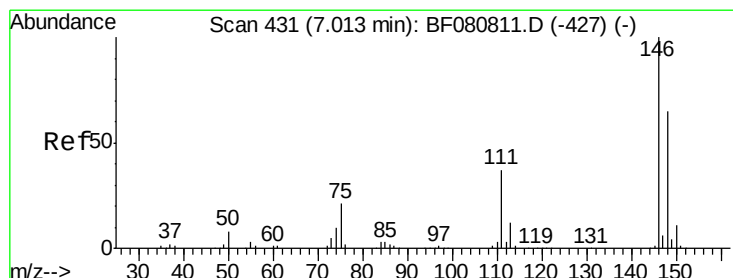
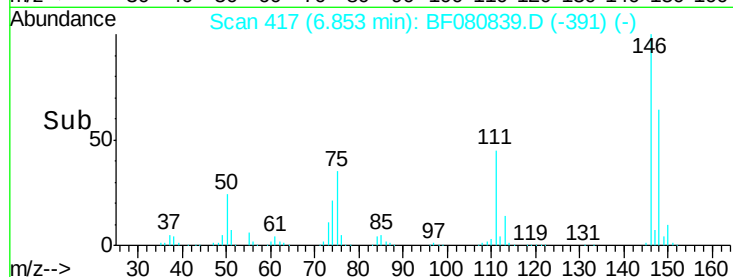
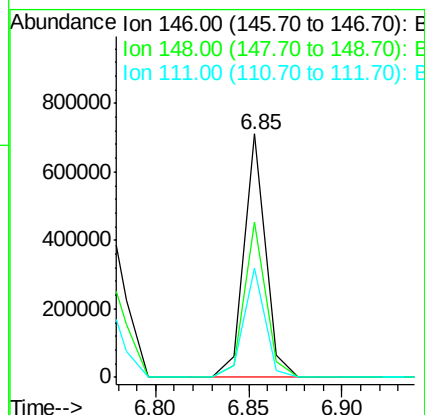
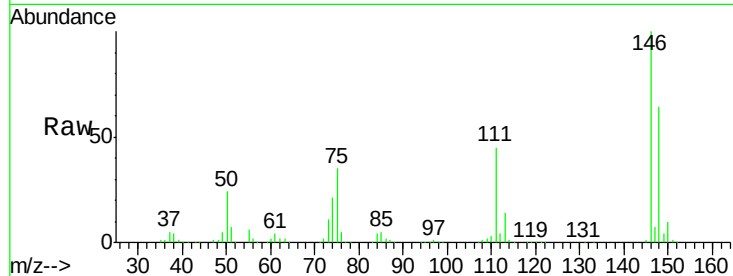




#13
 1,4-Dichlorobenzene
 Concen: 38.44 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

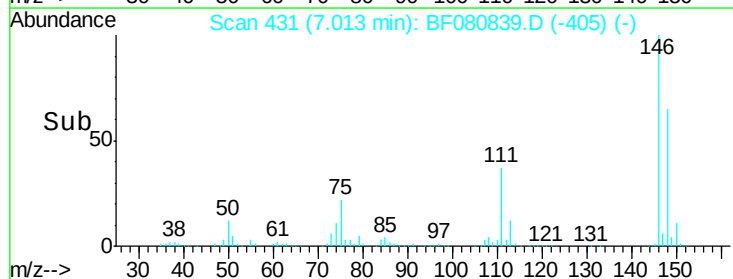
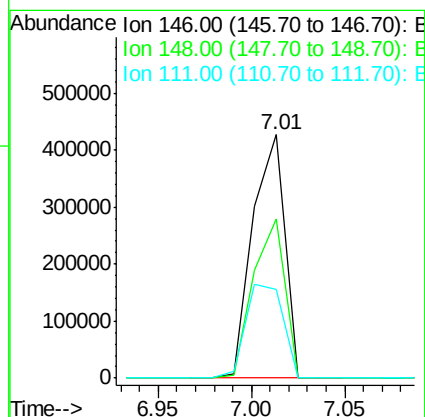
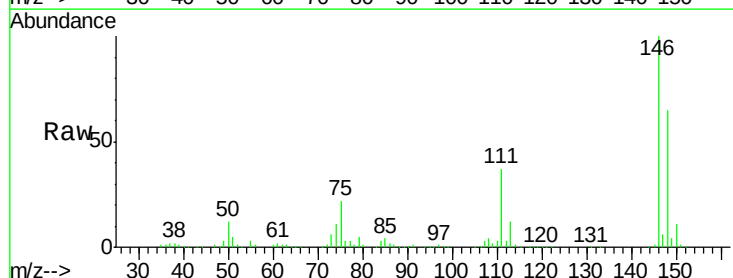
Instrument :
 BNA_F
 ClientSampleId :

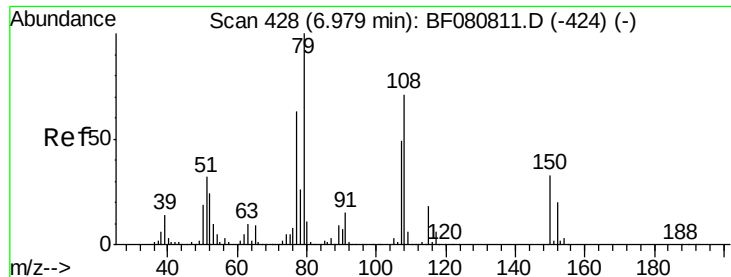
Tgt Ion:146 Resp: 574464
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.3 76.9
 111 45.0 35.8 53.8



#14
 1,2-Dichlorobenzene
 Concen: 36.54 ng
 RT: 7.01 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion:146 Resp: 505699
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.0 78.0
 111 36.6 29.3 43.9





#15

Benzyl Alcohol

Concen: 36.35 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

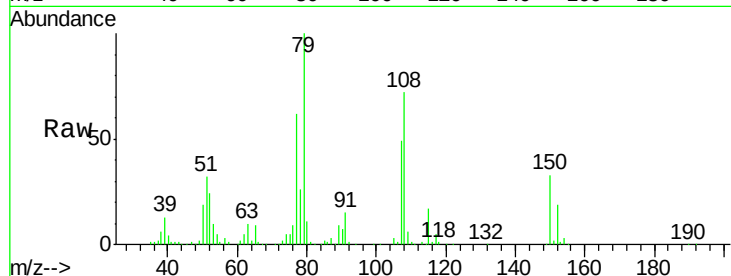
Tgt Ion: 79 Resp: 403444

Ion Ratio Lower Upper

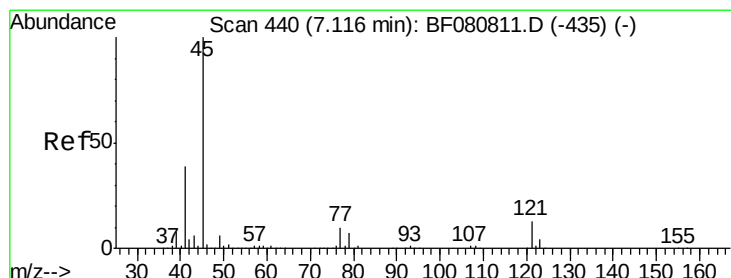
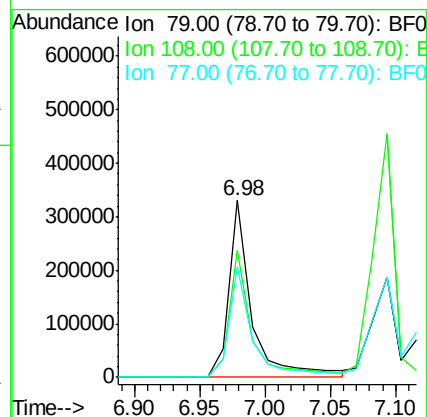
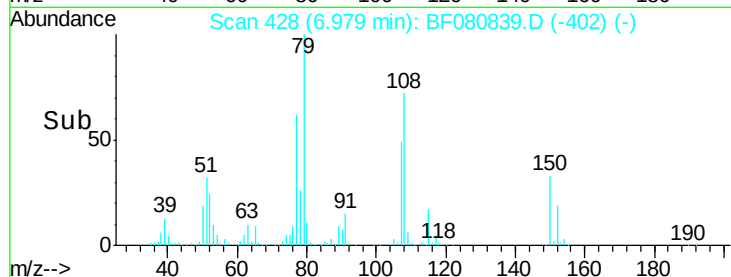
79 100

108 72.2 56.9 85.3

77 62.4 50.4 75.6



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.86 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

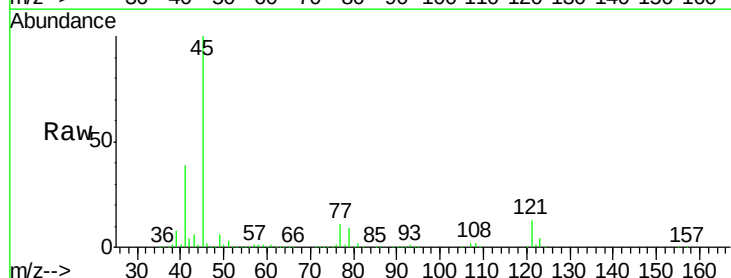
Tgt Ion: 45 Resp: 992905

Ion Ratio Lower Upper

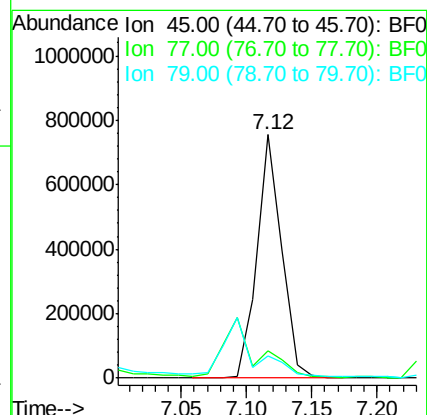
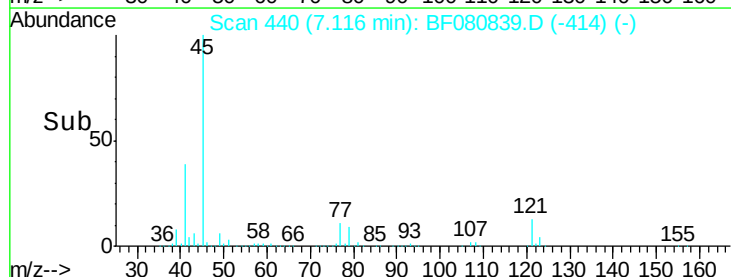
45 100

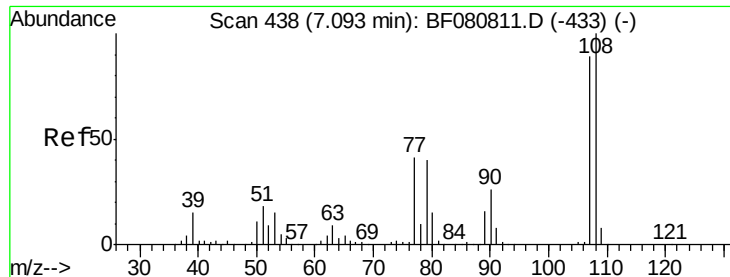
77 11.0 0.0 30.5

79 9.2 0.0 28.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

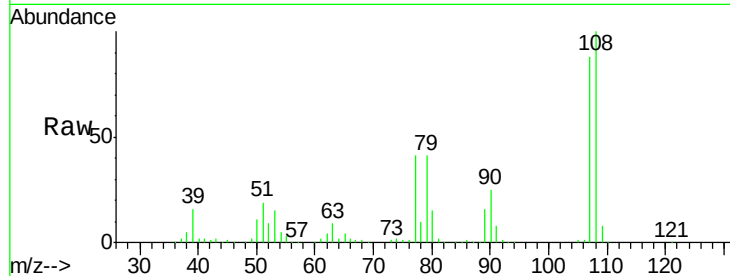




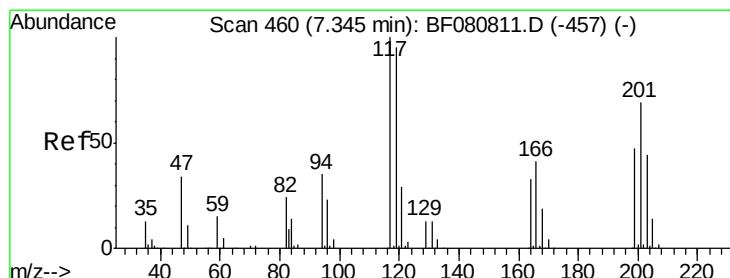
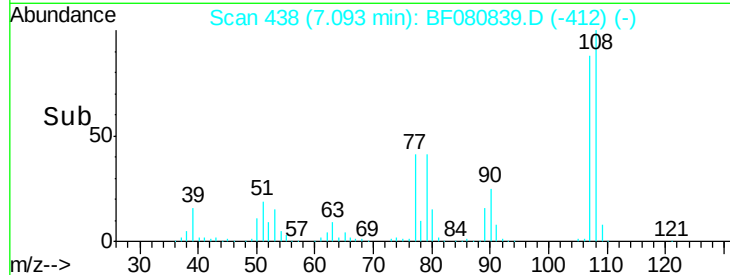
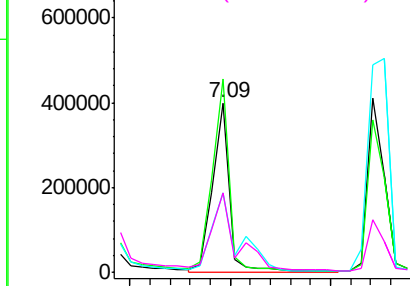
#17
2-Methylphenol
Concen: 39.63 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 466575
Ion Ratio Lower Upper
107 100
108 114.0 90.6 135.8
77 46.7 37.8 56.8
79 47.0 37.4 56.0

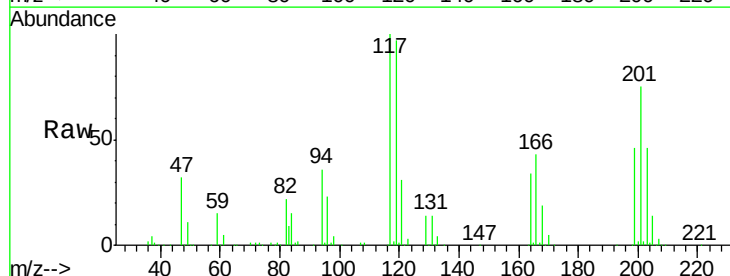


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

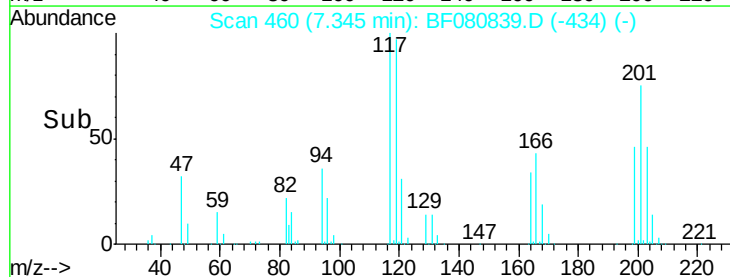
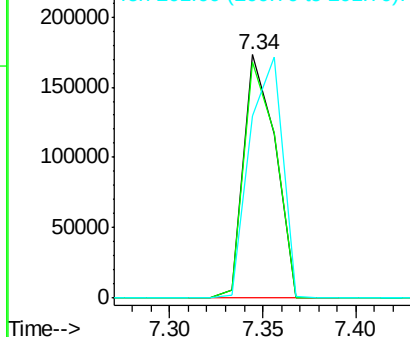


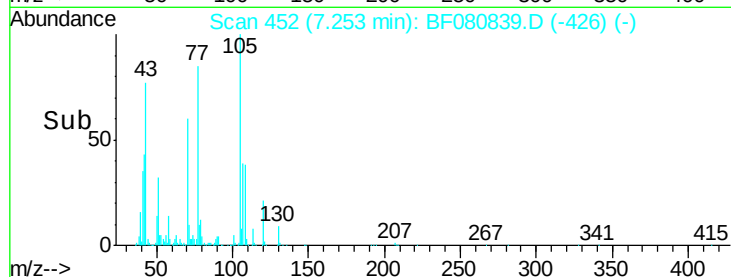
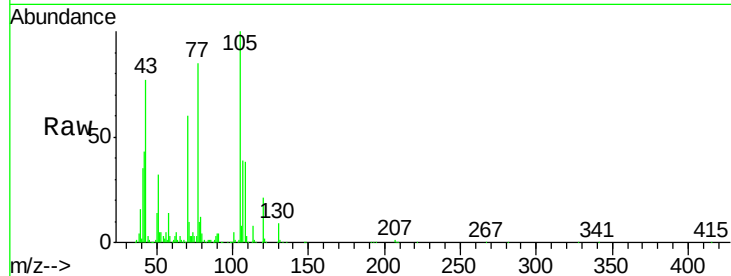
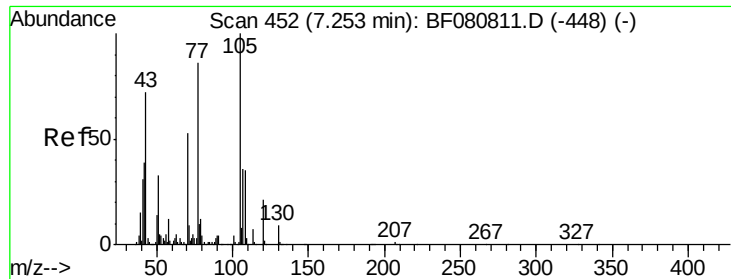
#18
Hexachloroethane
Concen: 36.79 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion:117 Resp: 202634
Ion Ratio Lower Upper
117 100
119 96.7 76.3 114.5
201 75.0 55.5 83.3



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

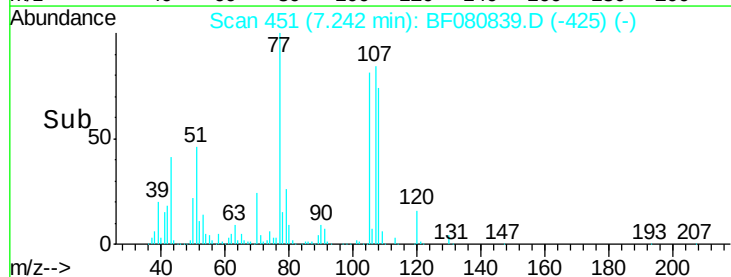
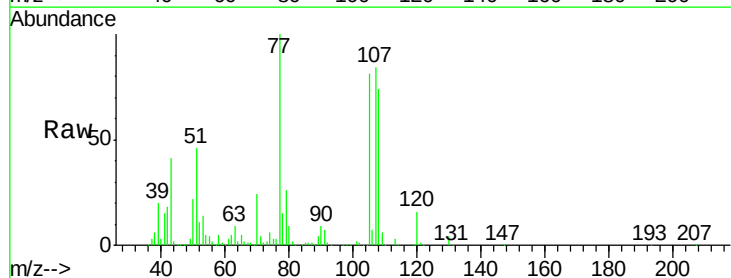
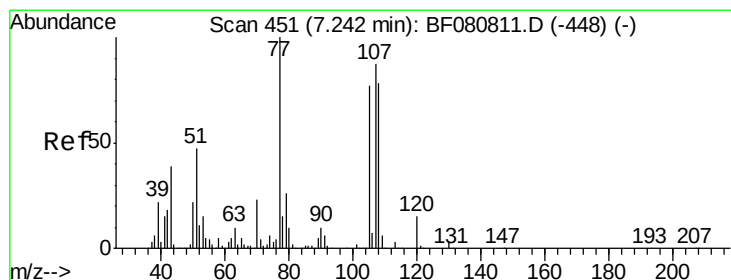
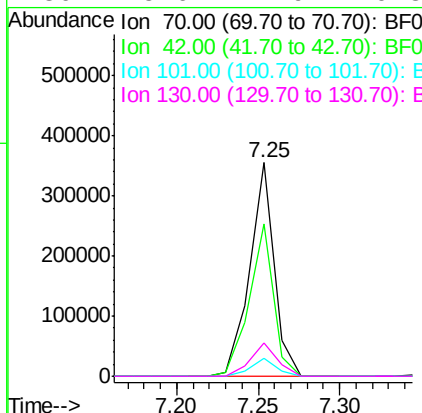




#19
n-Nitroso-di-n-propylamine
Concen: 35.13 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

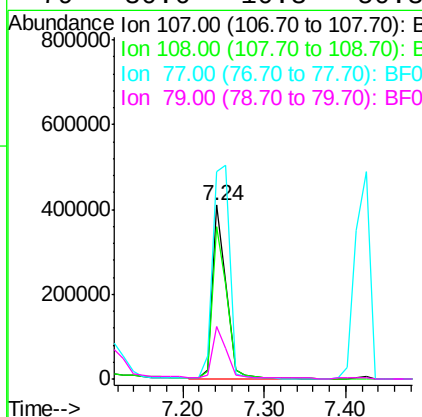
Instrument :
BNA_F
ClientSampleId :

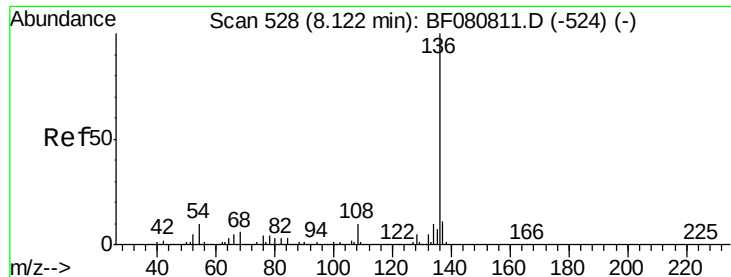
Tgt Ion: 70 Resp: 369695
Ion Ratio Lower Upper
70 100
42 71.4 59.1 88.7
101 8.3 6.6 10.0
130 15.6 12.9 19.3



#20
3+4-Methylphenols
Concen: 35.05 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion: 107 Resp: 479449
Ion Ratio Lower Upper
107 100
108 87.8 69.6 109.6
77 119.2 94.9 134.9
79 30.6 10.3 50.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 759045

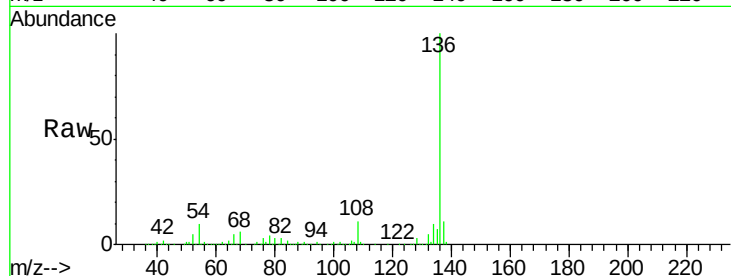
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.2 7.9 11.9

68 5.8 4.4 6.6

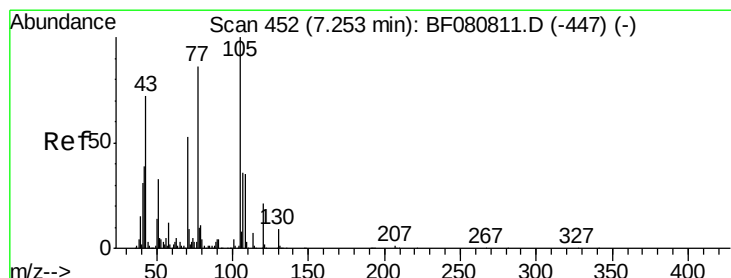
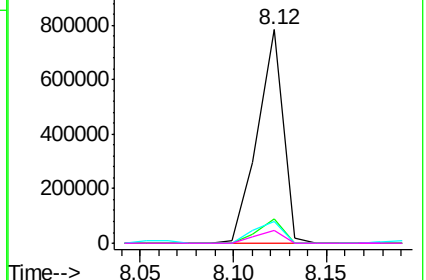
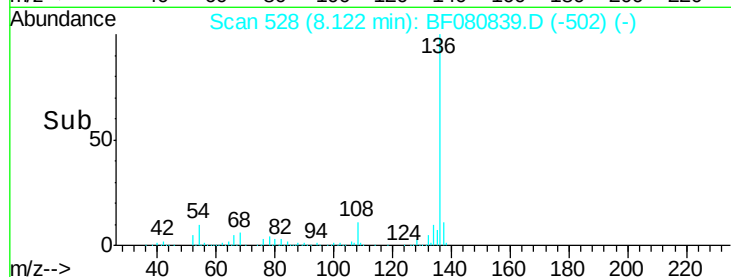


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.55 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Tgt Ion:105 Resp: 713230

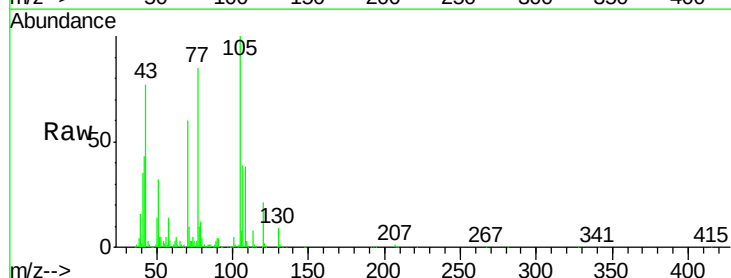
Ion Ratio Lower Upper

105 100

71 10.3 7.1 10.7

51 32.1 26.5 39.7

120 21.3 17.0 25.6

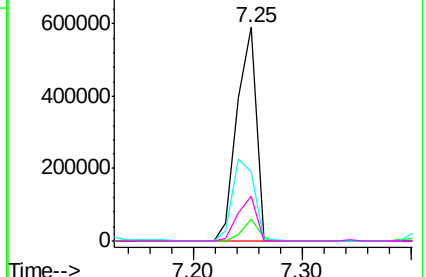
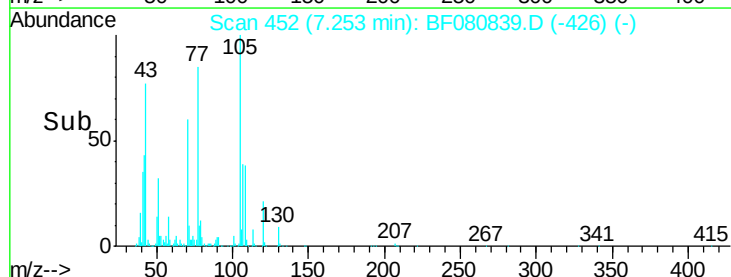


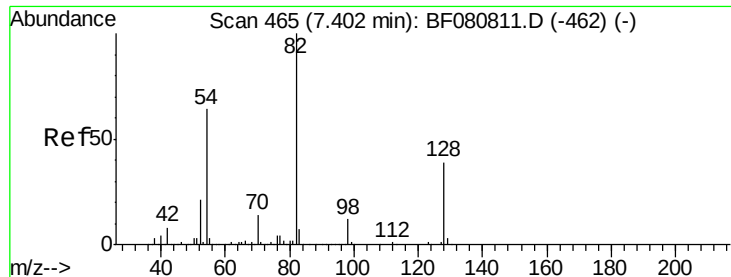
Abundance Ion 105.00 (104.70 to 105.70): E

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

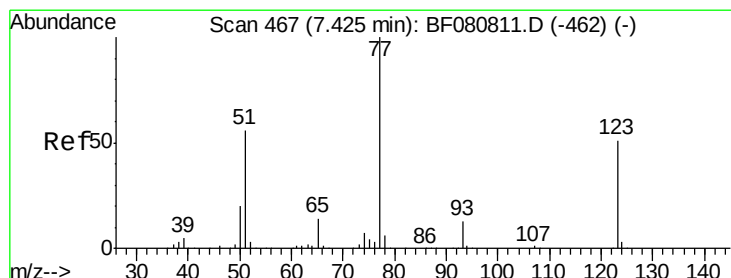
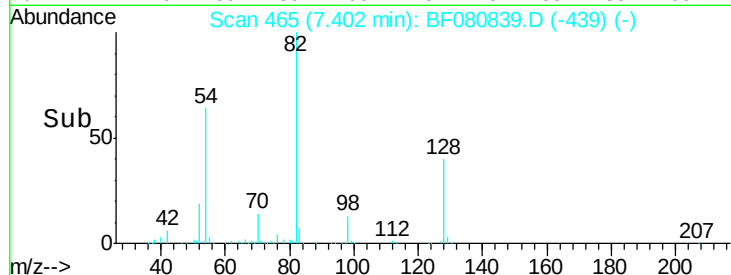
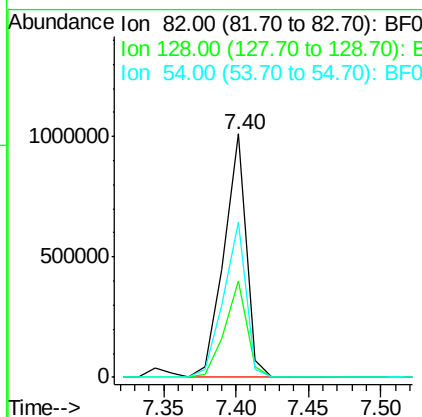
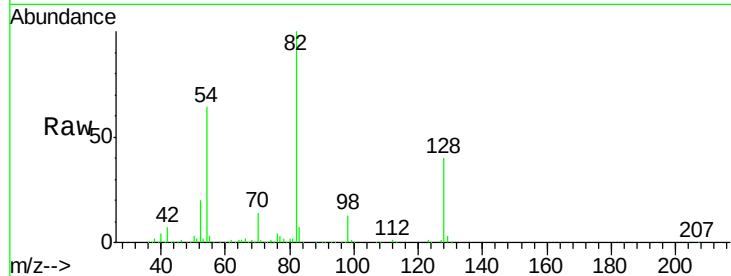




#23
 Nitrobenzene-d5
 Concen: 69.74 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

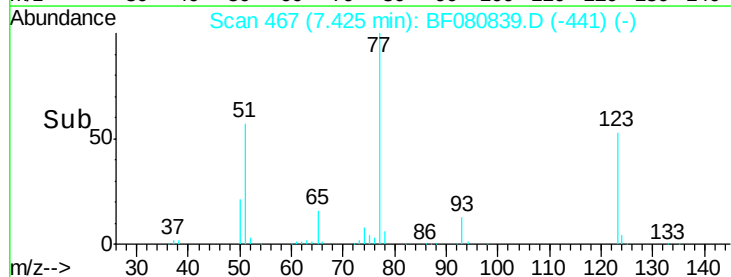
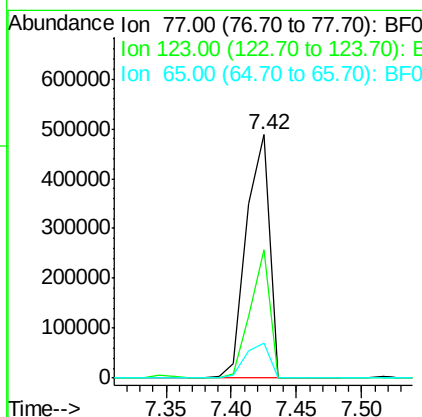
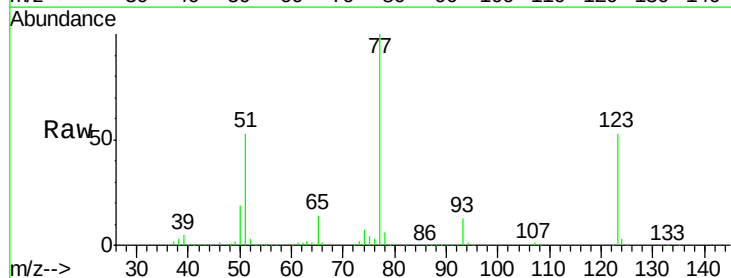
Instrument :
 BNA_F
 ClientSampleId :

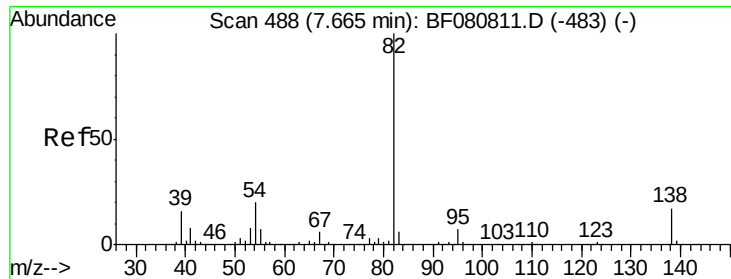
Tgt Ion: 82 Resp: 1077899
 Ion Ratio Lower Upper
 82 100
 128 39.7 31.4 47.0
 54 63.7 51.0 76.4



#24
 Nitrobenzene
 Concen: 37.98 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion: 77 Resp: 596460
 Ion Ratio Lower Upper
 77 100
 123 52.9 40.7 61.1
 65 14.2 11.3 16.9





#25

Isophorone

Concen: 38.49 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

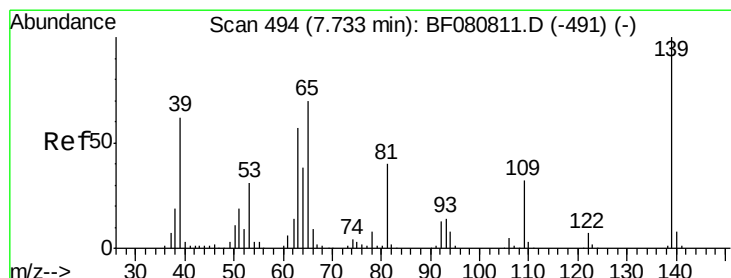
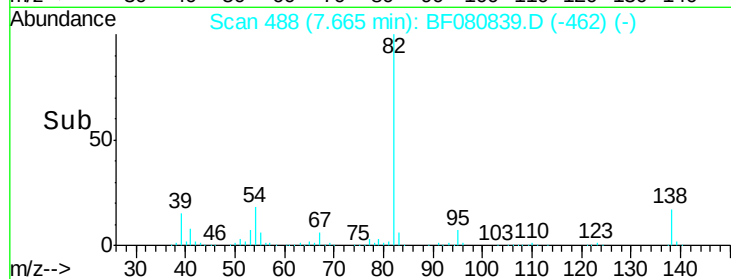
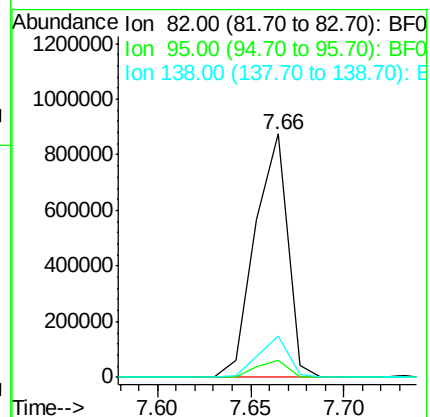
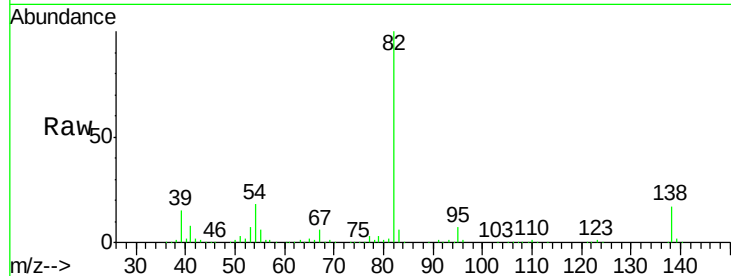
Tgt Ion: 82 Resp: 1063057

Ion Ratio Lower Upper

82 100

95 7.0 5.9 8.9

138 17.1 13.4 20.2



#26

2-Nitrophenol

Concen: 36.39 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

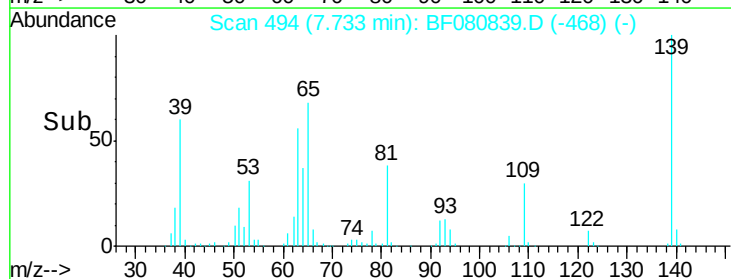
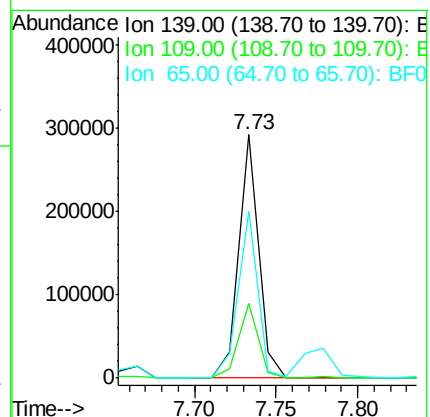
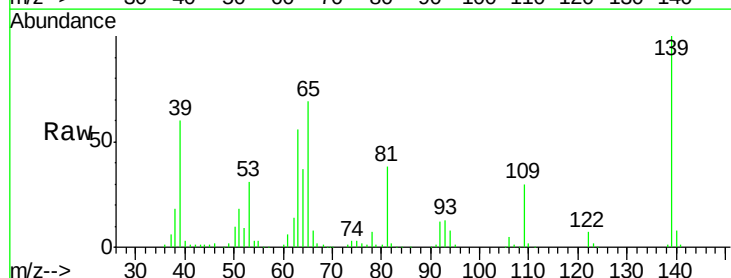
Tgt Ion: 139 Resp: 244337

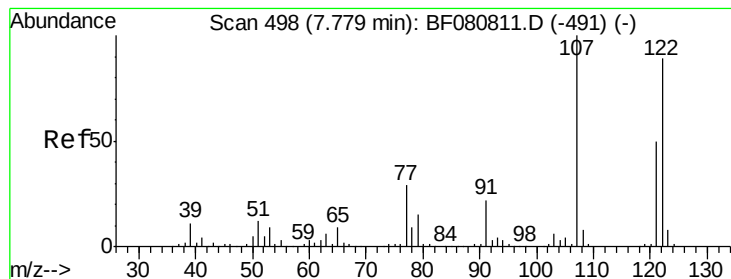
Ion Ratio Lower Upper

139 100

109 30.5 25.3 37.9

65 68.6 56.2 84.4

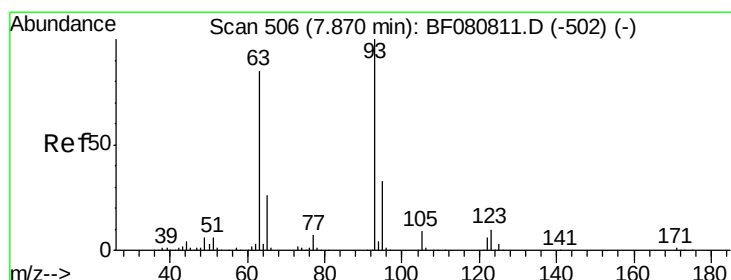
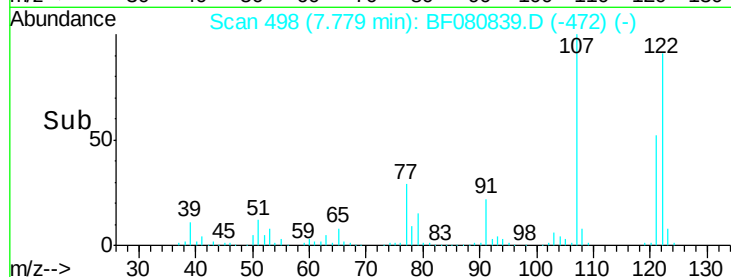
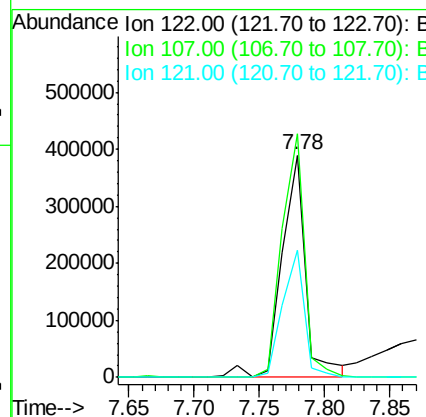
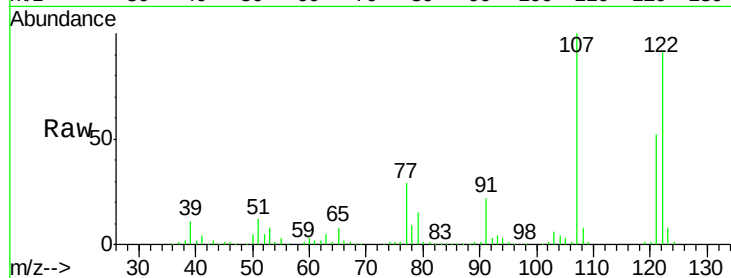




#27
 2,4-Dimethylphenol
 Concen: 38.98 ng
 RT: 7.78 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

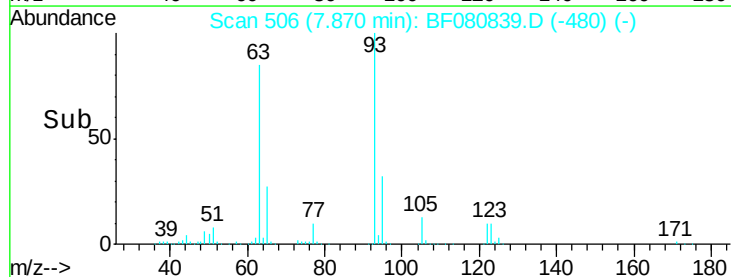
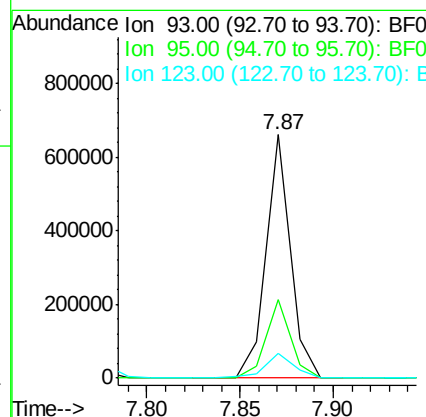
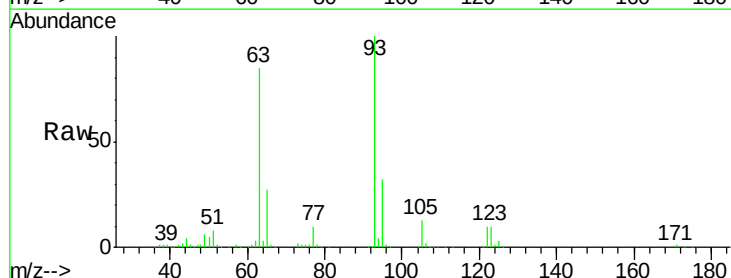
Instrument :
 BNA_F
 ClientSampleId :

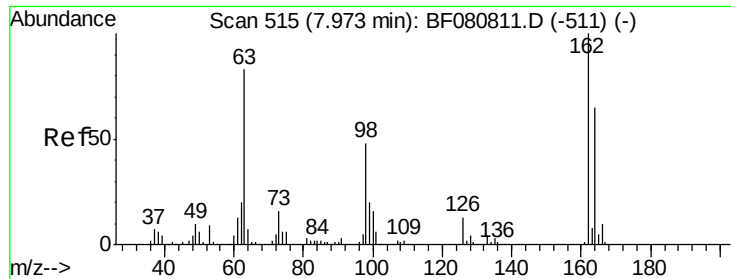
Tgt Ion:122 Resp: 498508
 Ion Ratio Lower Upper
 122 100
 107 109.6 90.2 135.4
 121 57.3 45.4 68.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.68 ng
 RT: 7.87 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion: 93 Resp: 594729
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.1 39.1
 123 9.9 8.0 12.0

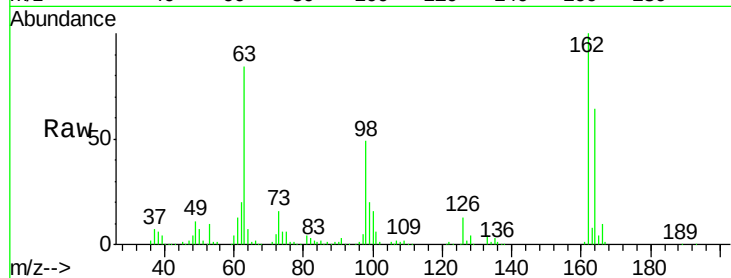




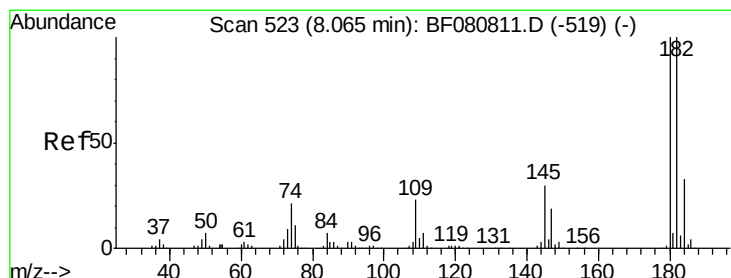
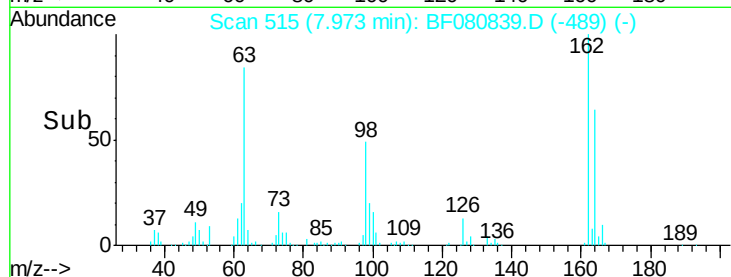
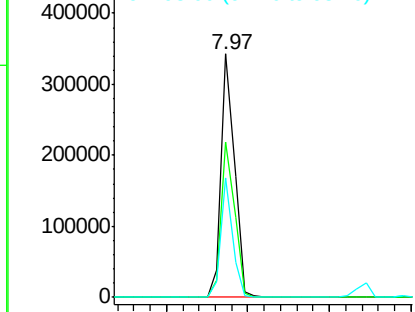
#29
 2,4-Dichlorophenol
 Concen: 36.24 ng
 RT: 7.97 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.3	85.3
98	49.0	27.7	67.7

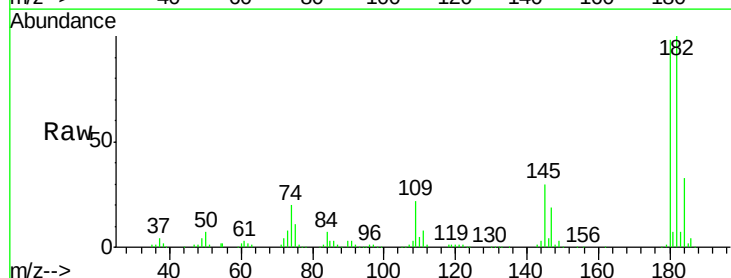


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

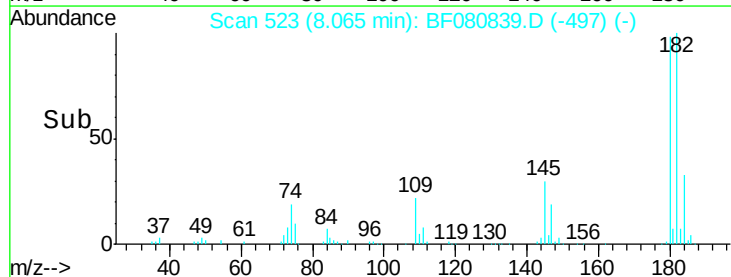
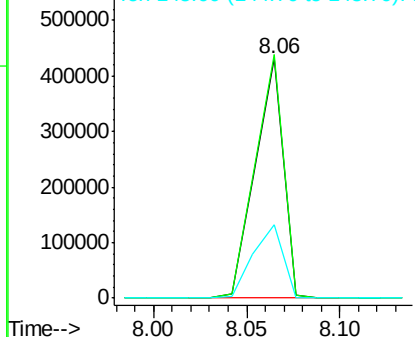


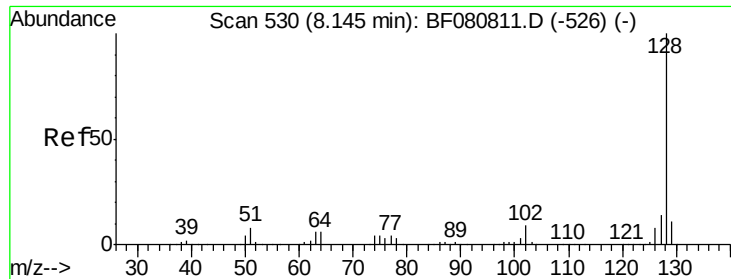
#30
 1,2,4-Trichlorobenzene
 Concen: 38.50 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.6	79.7	119.5
145	30.6	23.8	35.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

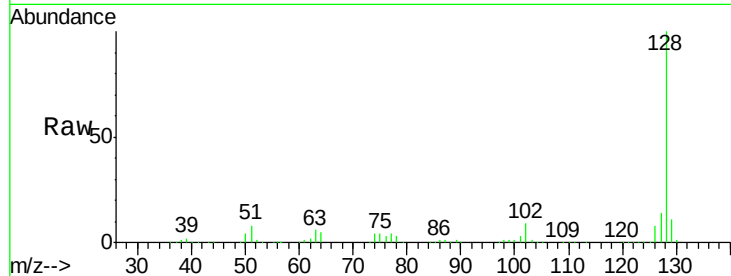




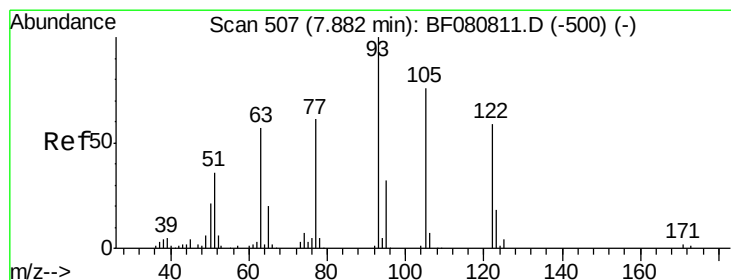
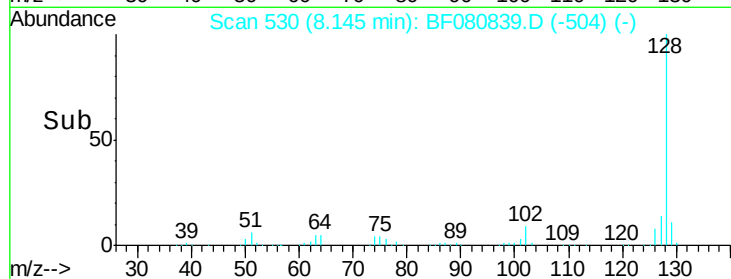
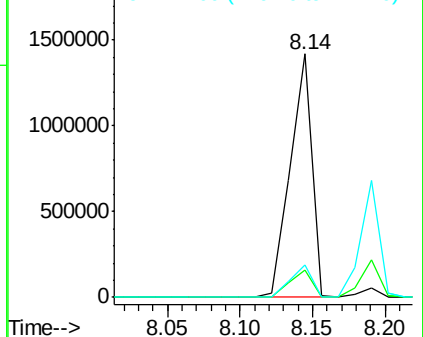
#31
Naphthalene
Concen: 39.25 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1465686
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.6 10.8 16.2

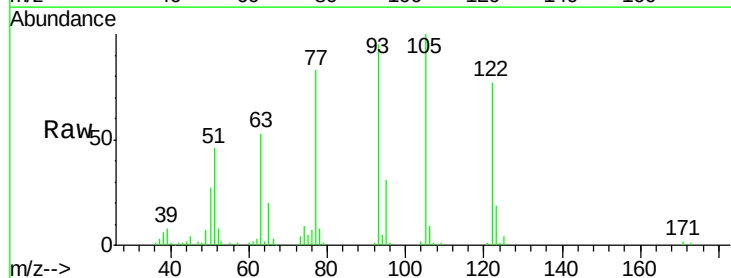


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

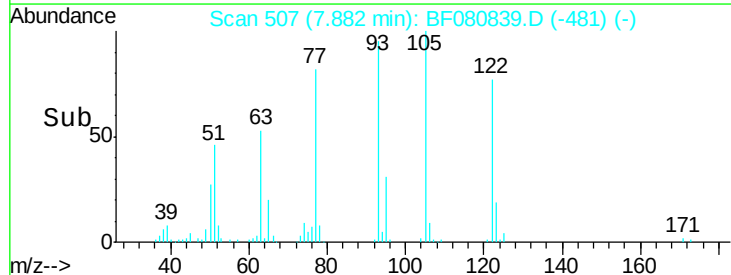
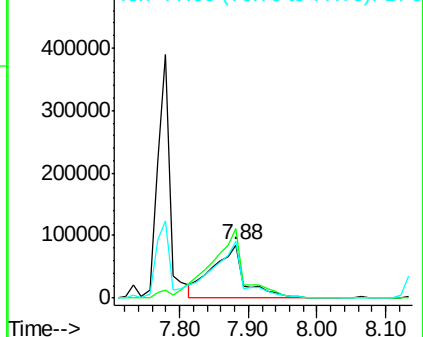


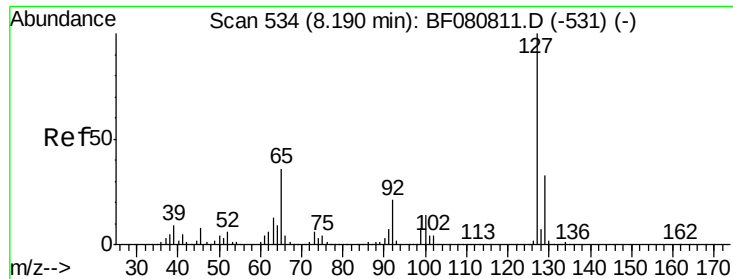
#32
Benzoic acid
Concen: 35.79 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion:122 Resp: 276720
Ion Ratio Lower Upper
122 100
105 130.4 102.3 142.3
77 107.9 81.2 121.2



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

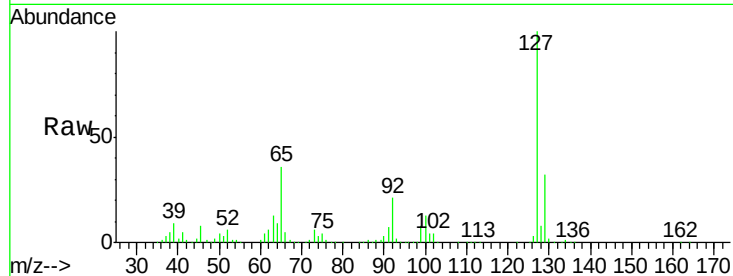




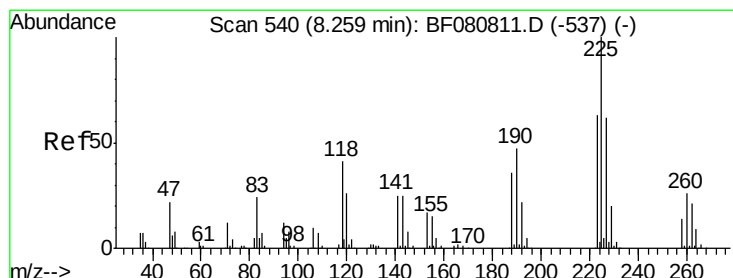
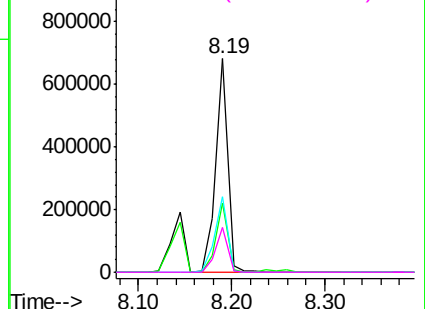
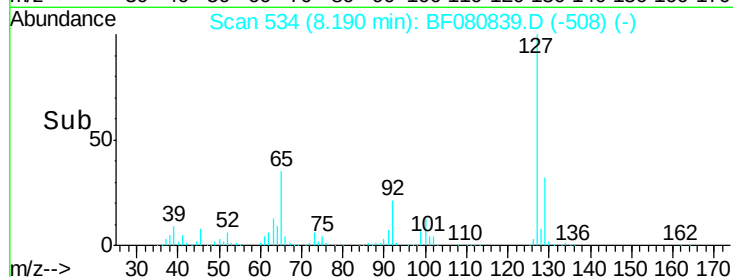
#33
4-Chloroaniline
Concen: 38.86 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampled :

Tgt Ion:	127	Resp:	611242
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	35.6	28.9	43.3
92	20.9	16.7	25.1

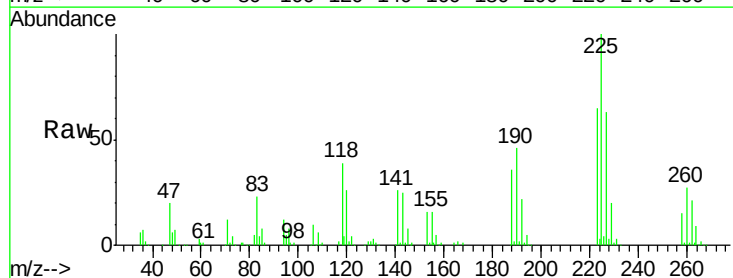


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

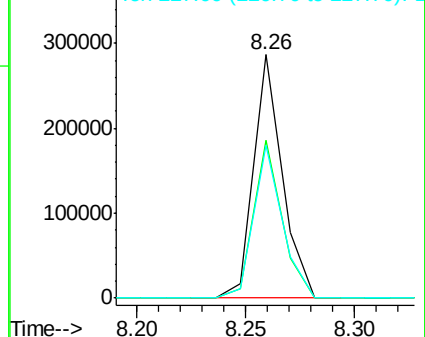
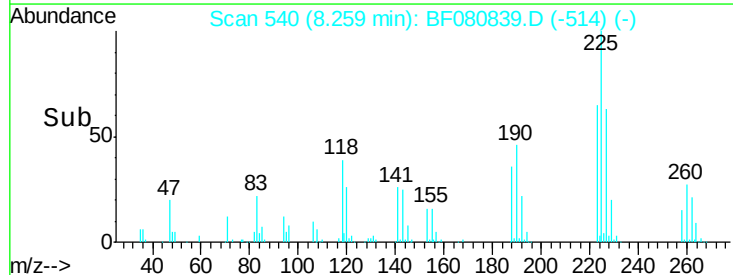


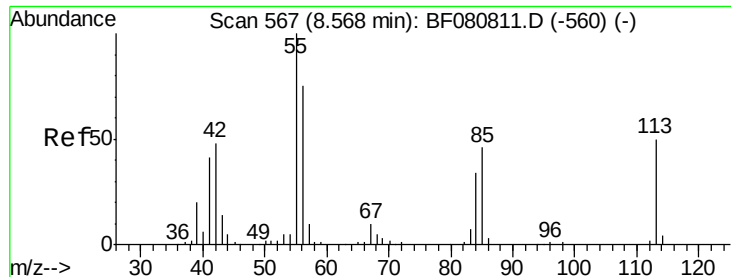
#34
Hexachlorobutadiene
Concen: 36.50 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion:	225	Resp:	261628
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.2	75.2
227	62.7	49.7	74.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

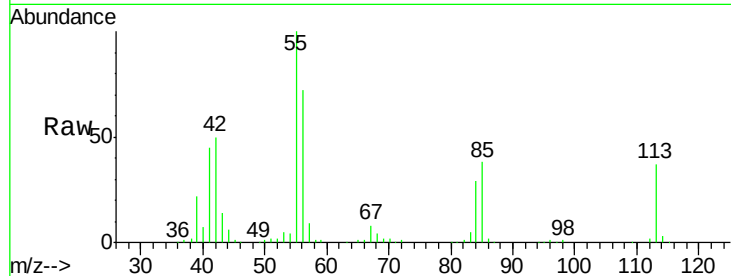




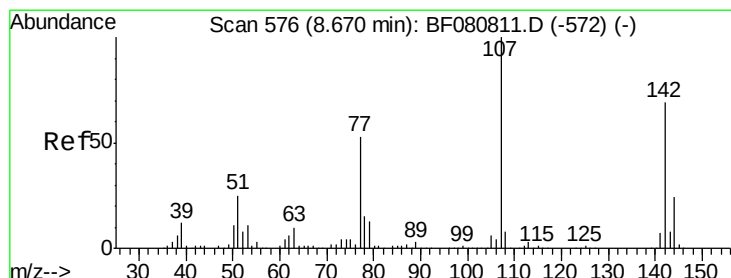
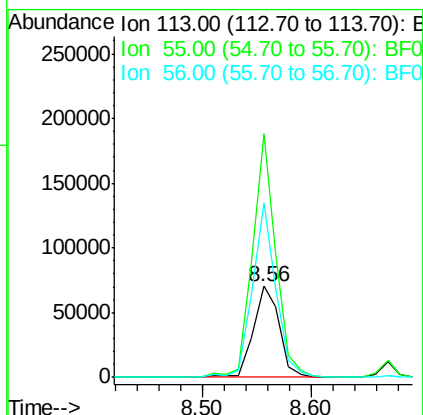
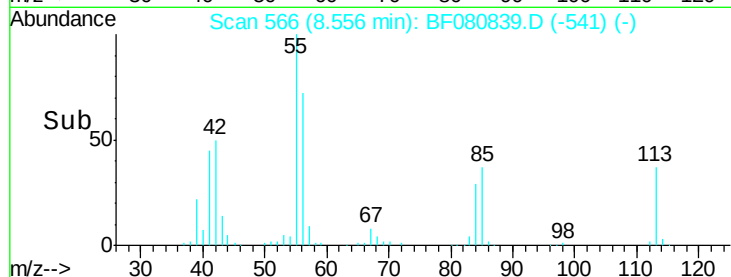
#35
Caprolactam
Concen: 39.34 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 117339
Ion Ratio Lower Upper
113 100
55 267.9 179.0 219.0#
56 192.4 128.2 168.2#

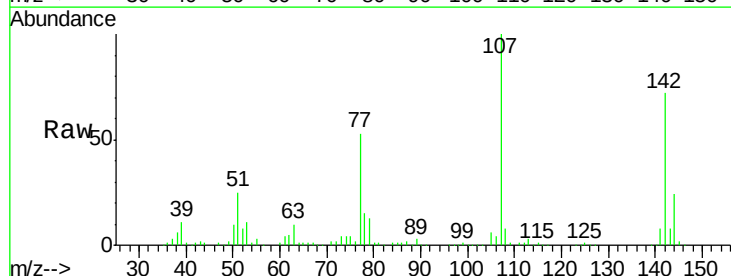


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

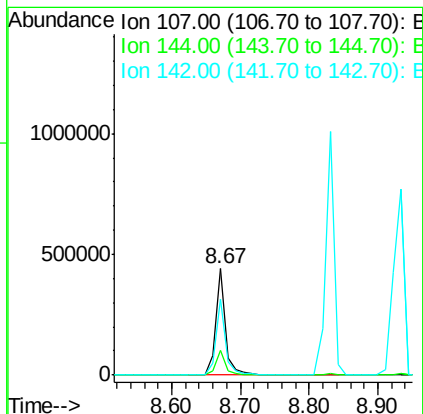
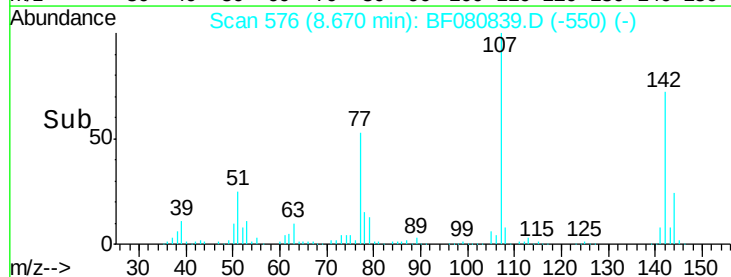


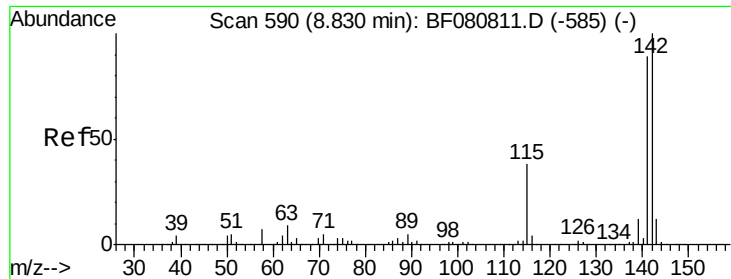
#36
4-Chloro-3-methylphenol
Concen: 38.60 ng
RT: 8.67 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion:107 Resp: 444891
Ion Ratio Lower Upper
107 100
144 23.7 19.0 28.4
142 71.8 54.9 82.3



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

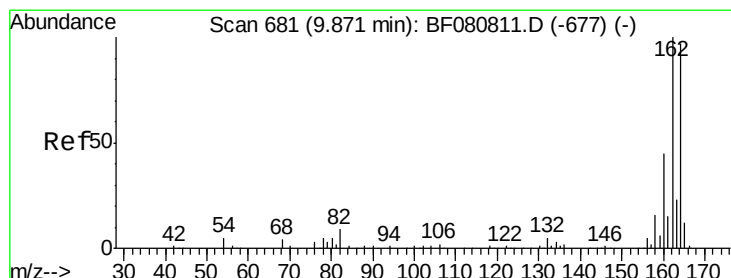
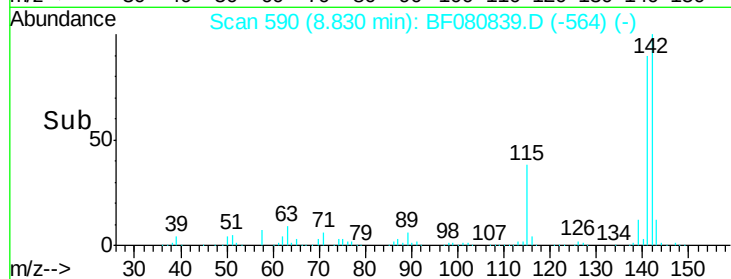
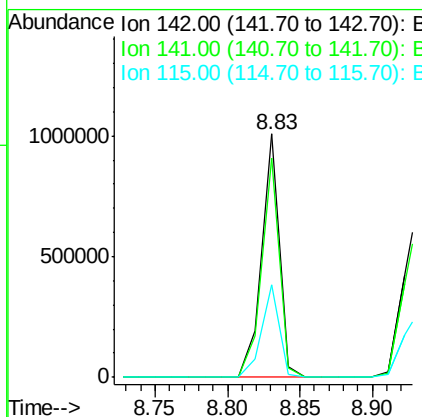
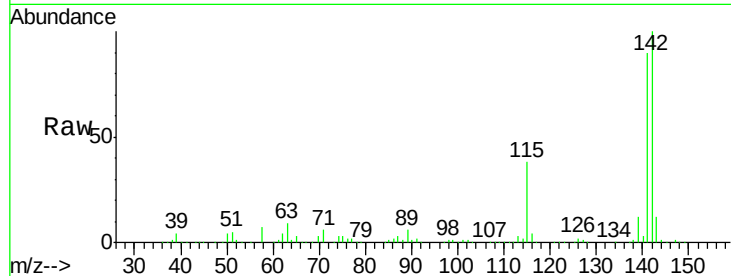




#37
 2-Methylnaphthalene
 Concen: 36.79 ng
 RT: 8.83 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

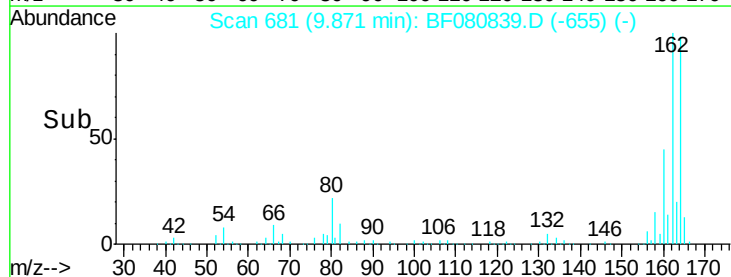
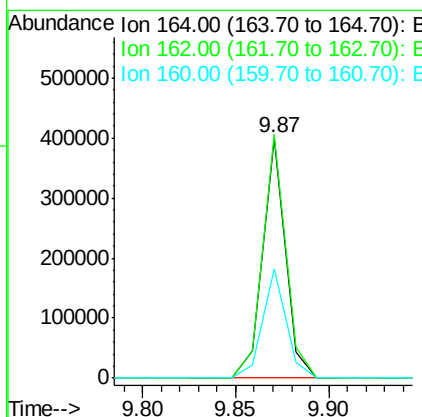
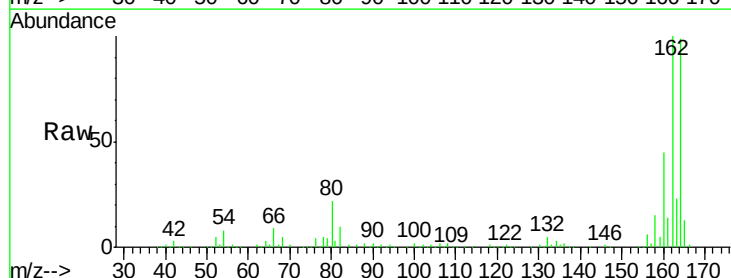
Instrument :
 BNA_F
 ClientSampleId :

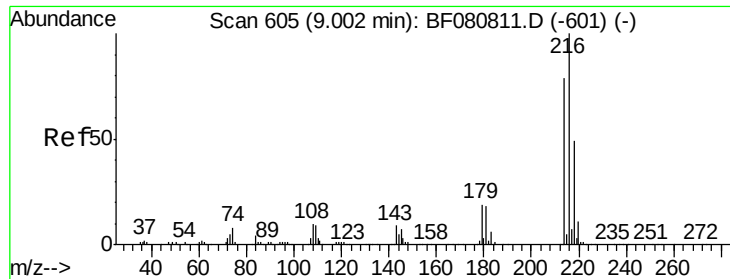
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.3	106.9
115	38.1	30.6	45.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.3	123.5
160	45.6	37.3	55.9

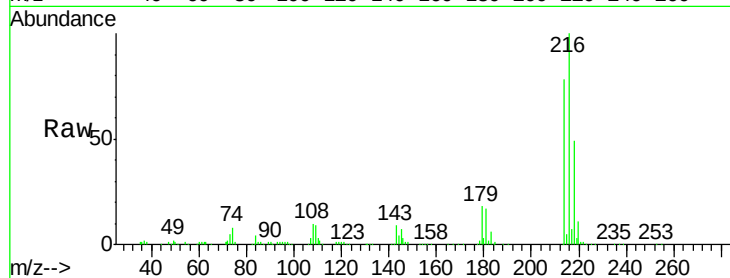




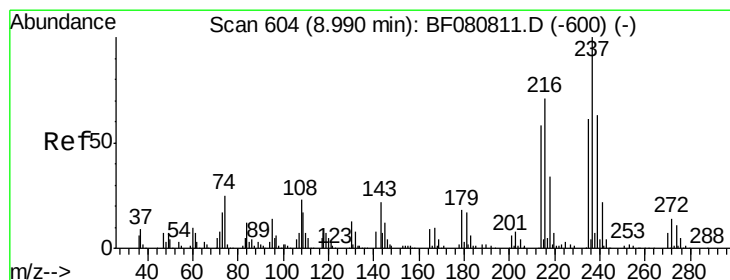
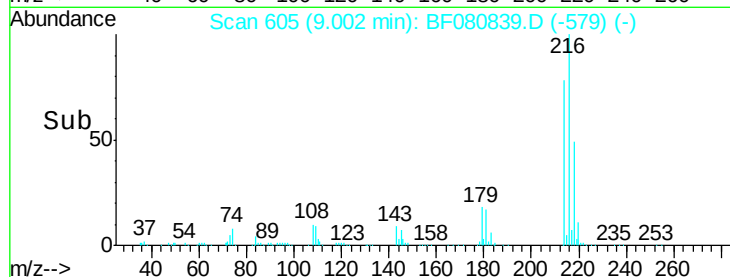
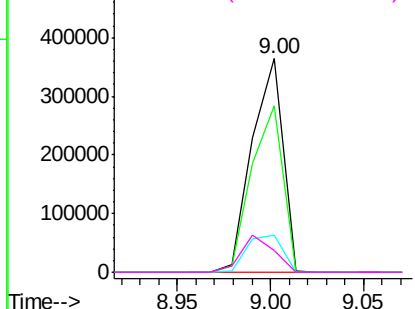
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.98 ng
 RT: 9.00 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	216	Resp:	417256
Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.0	96.0
179	20.4	16.9	25.3
108	18.0	14.9	22.3

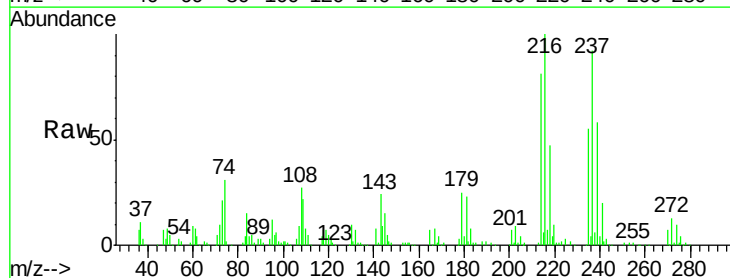


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

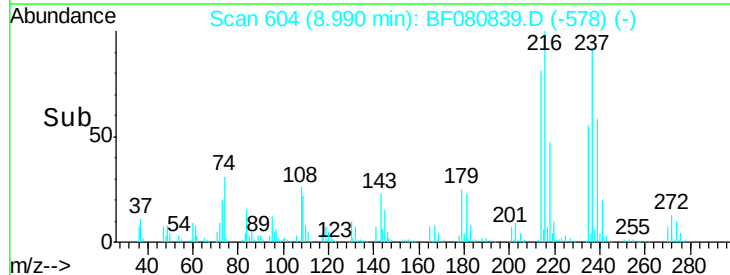
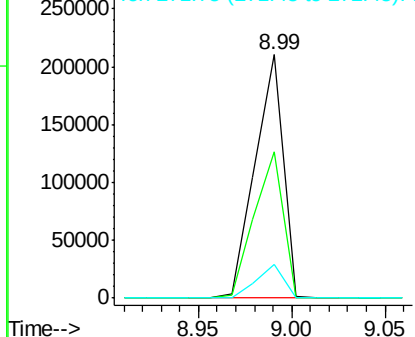


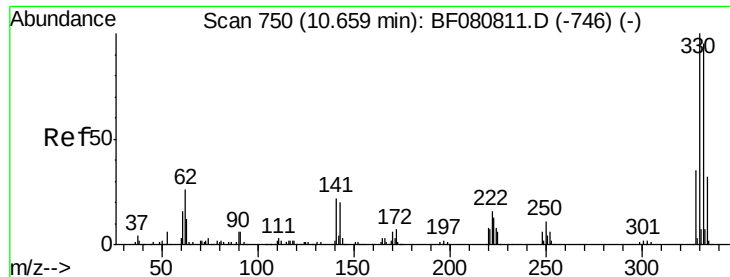
#40
 Hexachlorocyclopentadiene
 Concen: 33.72 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion:	237	Resp:	219369
Ion	Ratio	Lower	Upper
237	100		
235	60.3	41.5	81.5
272	13.7	0.0	33.7



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

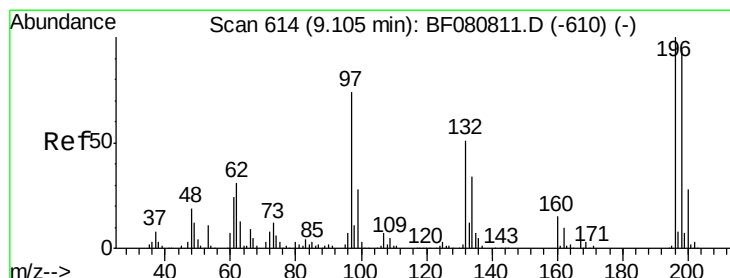
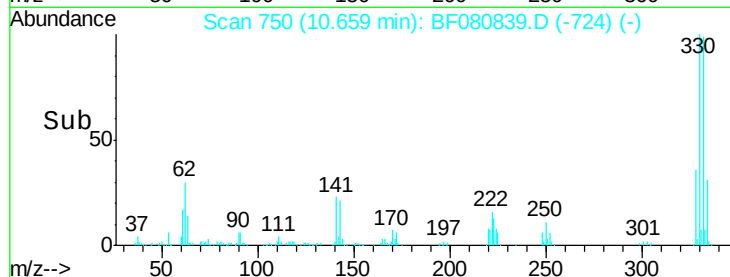
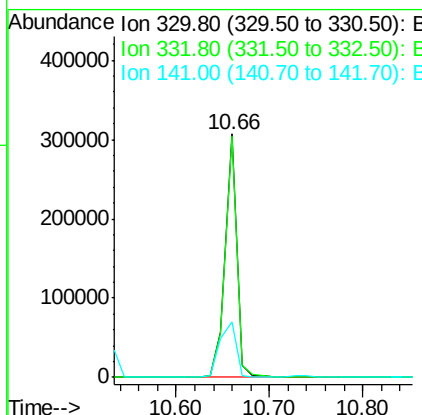
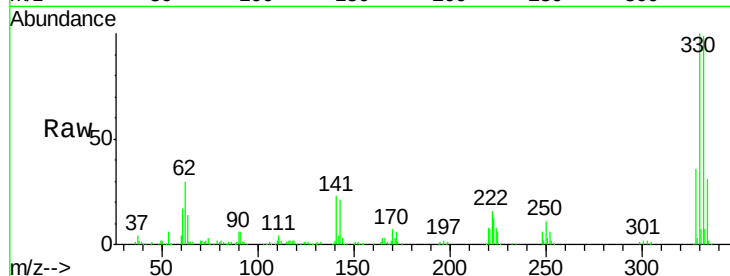




#41
 2,4,6-Tribromophenol
 Concen: 82.78 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

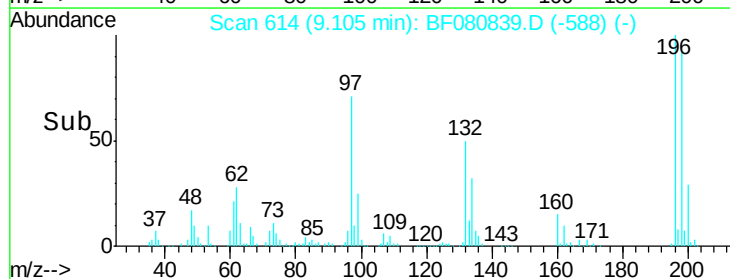
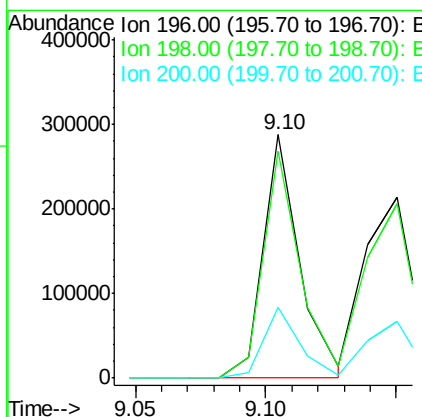
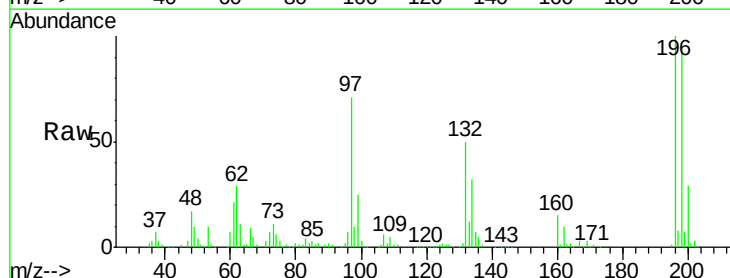
Instrument :
 BNA_F
 ClientSampleId :

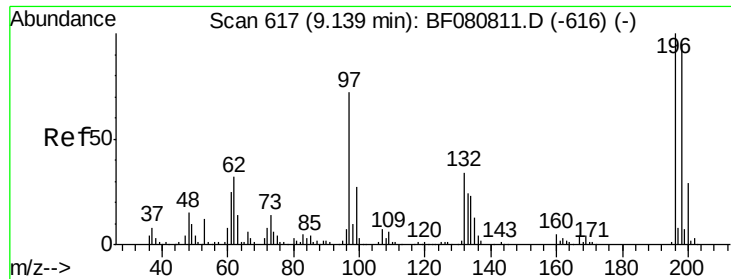
Tgt Ion:330 Resp: 267512
 Ion Ratio Lower Upper
 330 100
 332 99.1 76.2 114.4
 141 31.9 25.4 38.0



#42
 2,4,6-Trichlorophenol
 Concen: 37.08 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion:196 Resp: 280998
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.3 112.9
 200 29.0 22.7 34.1

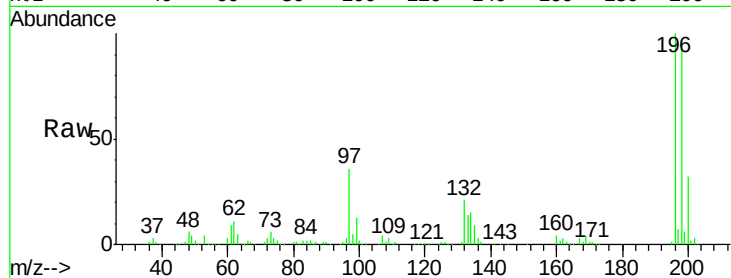




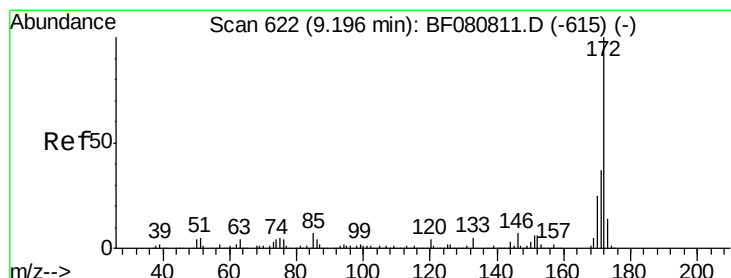
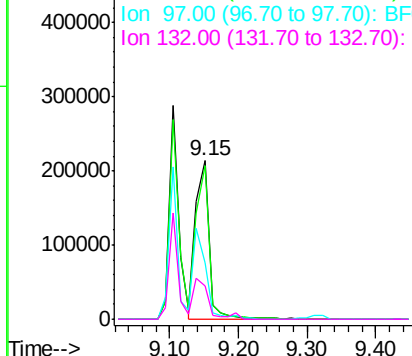
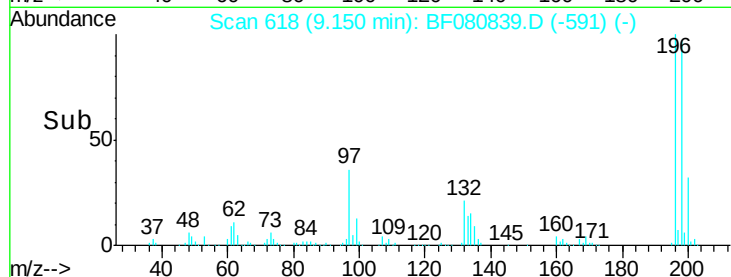
#43
 2,4,5-Trichlorophenol
 Concen: 38.64 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.01 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.3	114.5
97	35.6	58.8	88.2
132	21.2	27.9	41.9

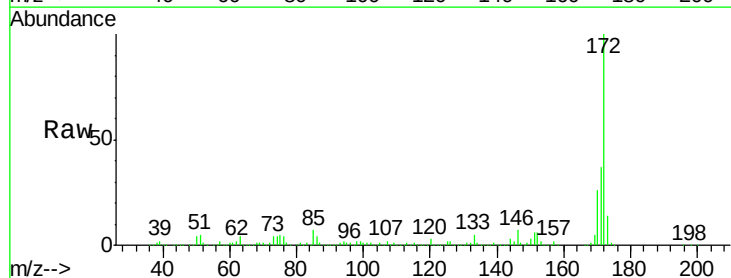


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

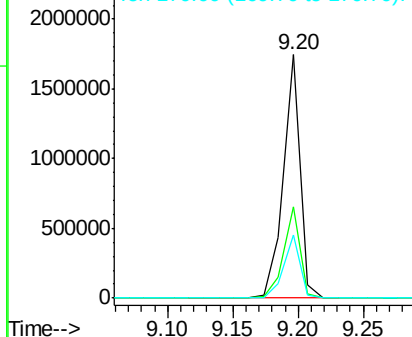
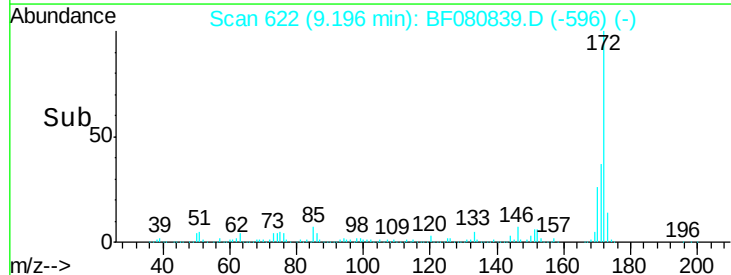


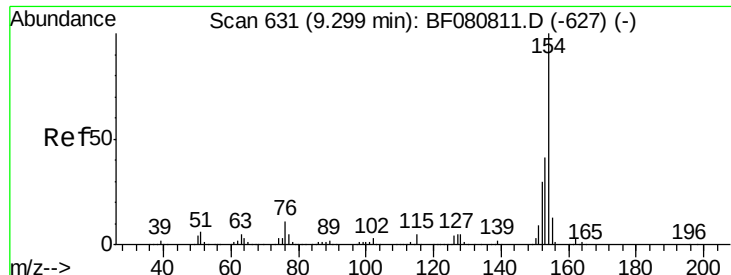
#44
 2-Fluorobiphenyl
 Concen: 70.75 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	25.9	20.2	30.4



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

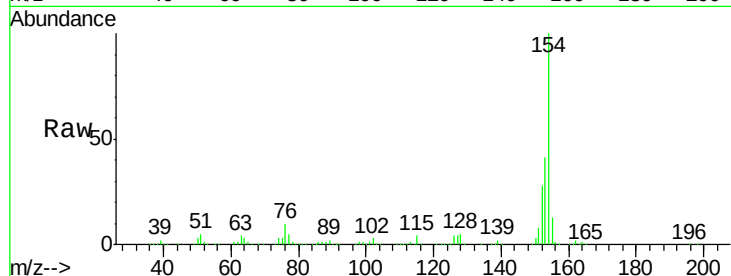




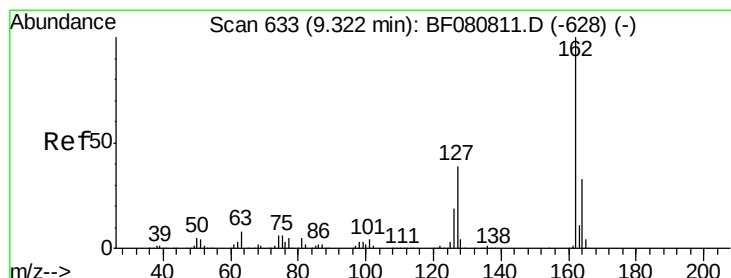
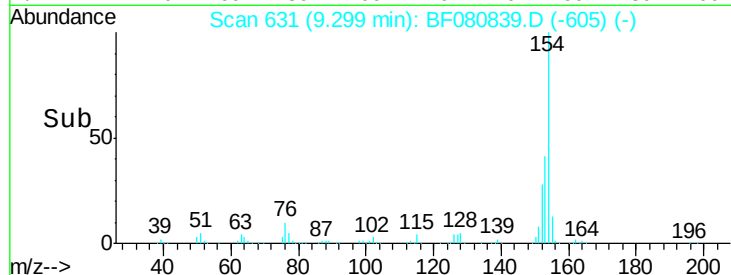
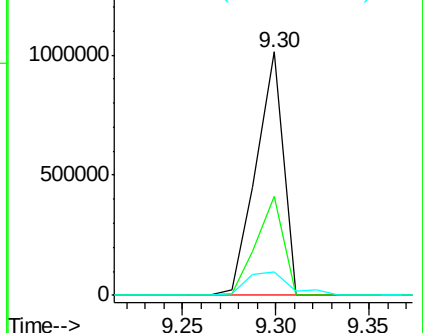
#45
 1,1'-Biphenyl
 Concen: 40.08 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:154 Resp: 1019042
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.1 61.1
 76 9.6 0.0 30.5

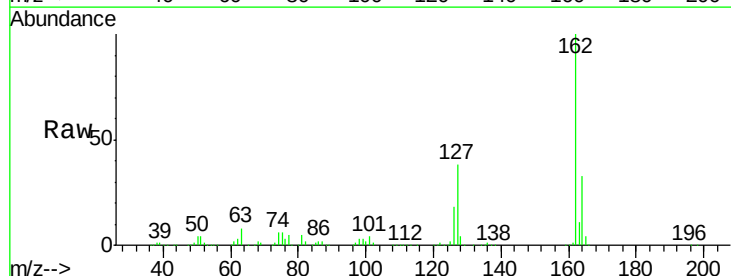


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

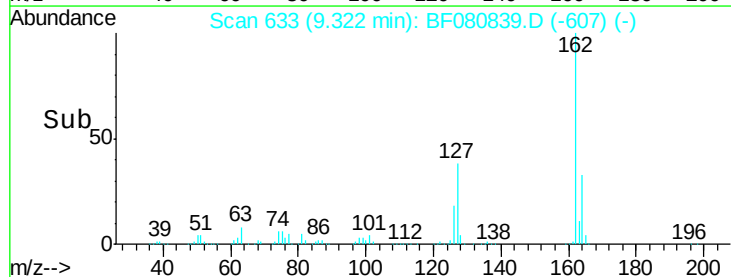
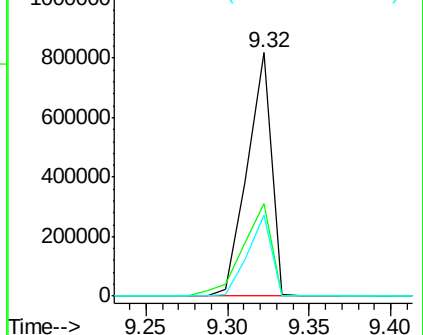


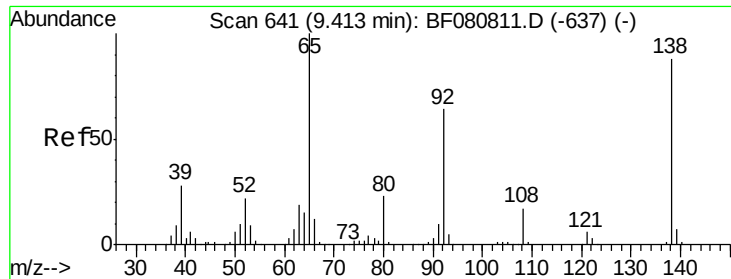
#46
 2-Chloronaphthalene
 Concen: 39.93 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion:162 Resp: 840271
 Ion Ratio Lower Upper
 162 100
 127 38.0 31.0 46.6
 164 33.3 26.8 40.2



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

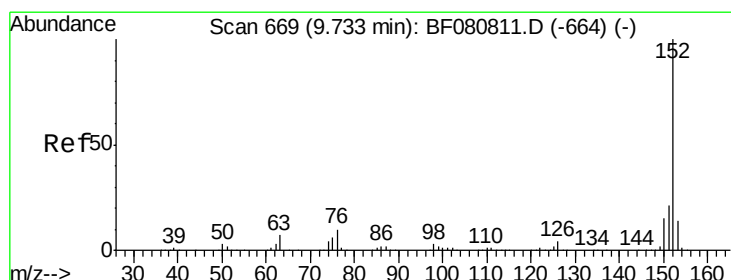
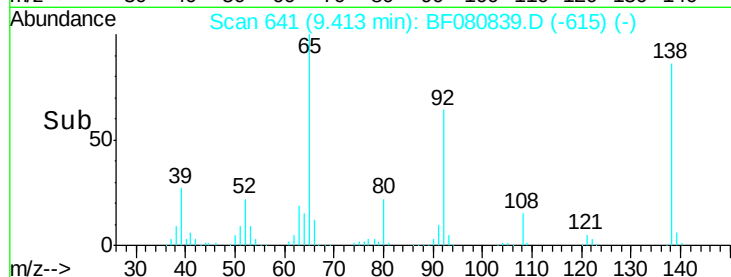
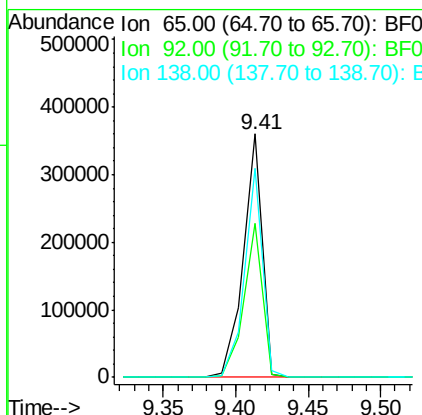
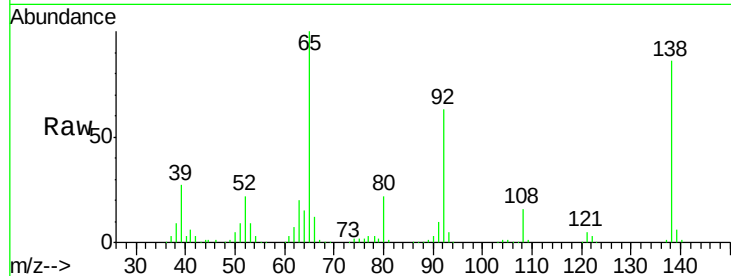




#47
 2-Nitroaniline
 Concen: 41.87 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

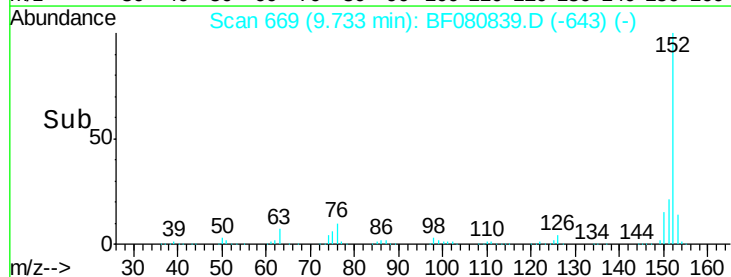
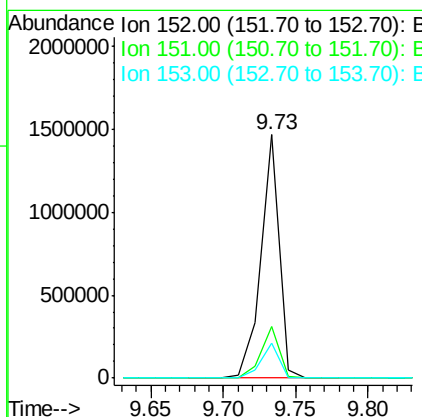
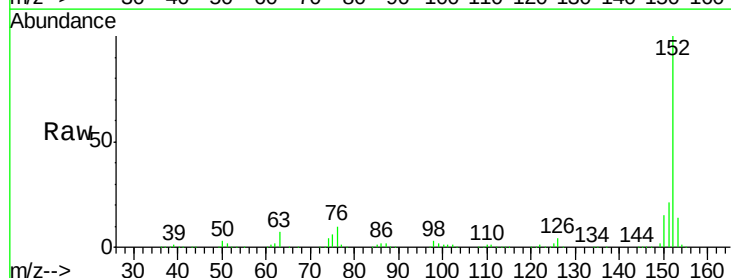
Instrument :
 BNA_F
 ClientSampled :

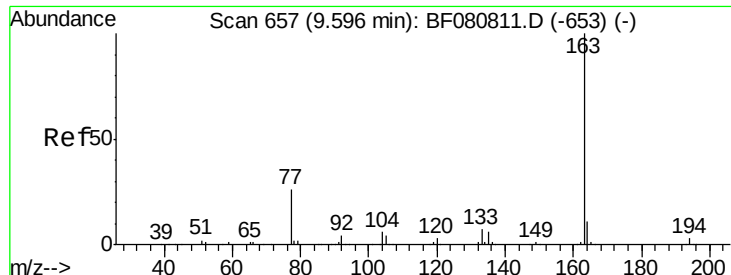
Tgt Ion: 65 Resp: 326064
 Ion Ratio Lower Upper
 65 100
 92 63.4 50.9 76.3
 138 86.0 70.6 105.8



#48
 Acenaphthylene
 Concen: 38.99 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion: 152 Resp: 1284763
 Ion Ratio Lower Upper
 152 100
 151 21.3 16.8 25.2
 153 14.1 11.0 16.4

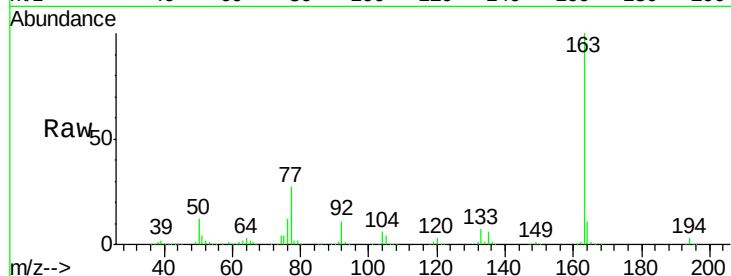




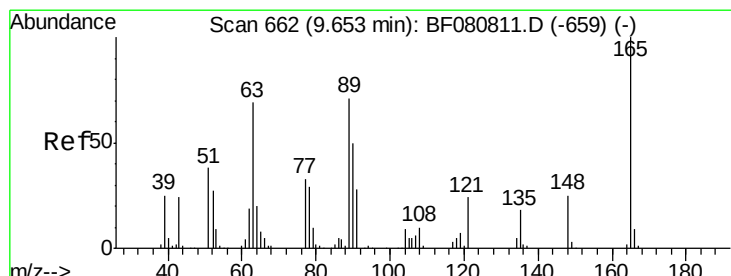
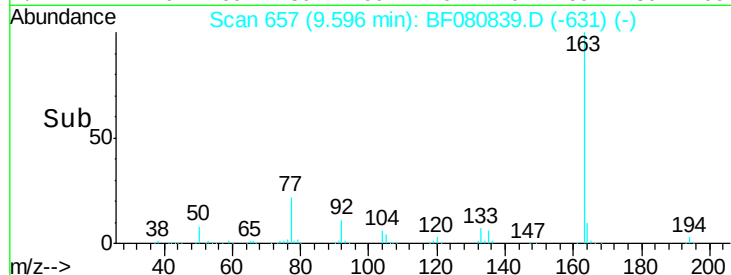
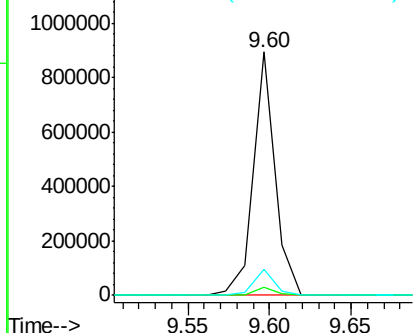
#49
Dimethylphthalate
Concen: 36.87 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampled :

Tgt Ion:163 Resp: 825883
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.8 8.5 12.7

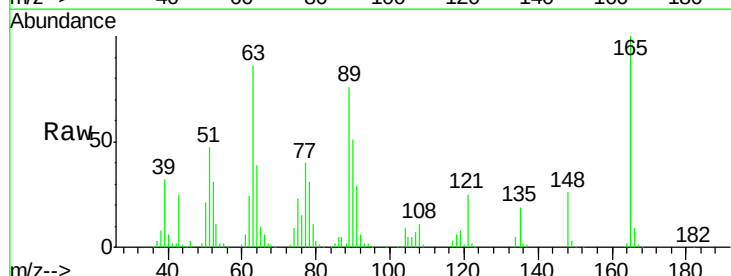


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

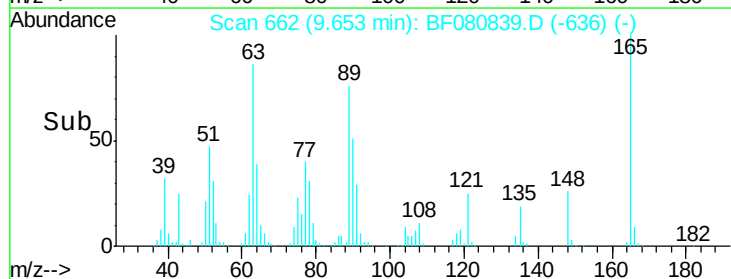
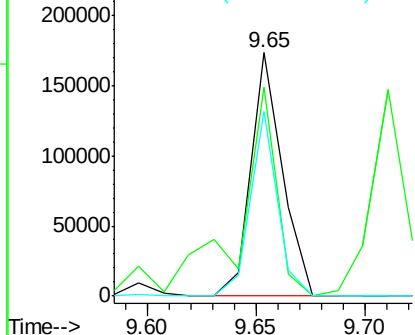


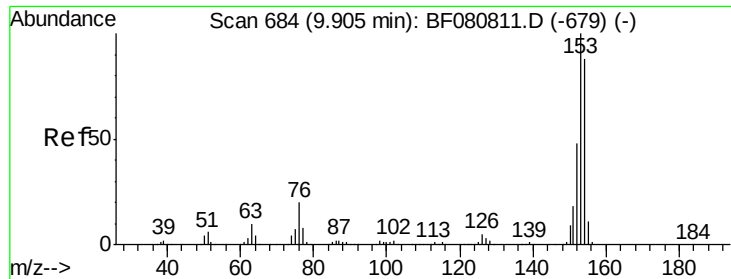
#50
2,6-Dinitrotoluene
Concen: 35.81 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion:165 Resp: 173914
Ion Ratio Lower Upper
165 100
63 85.9 68.2 102.4
89 76.0 56.9 85.3



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





#51

Acenaphthene

Concen: 38.32 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

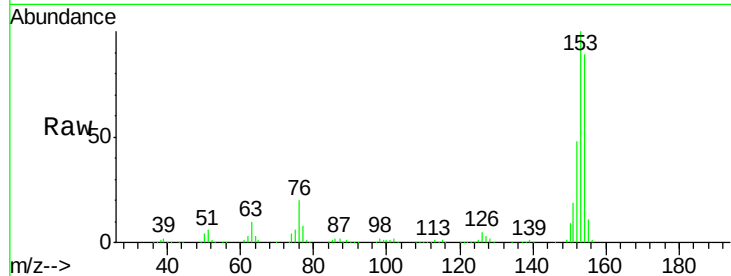
Tgt Ion:154 Resp: 761679

Ion Ratio Lower Upper

154 100

153 112.5 91.4 137.2

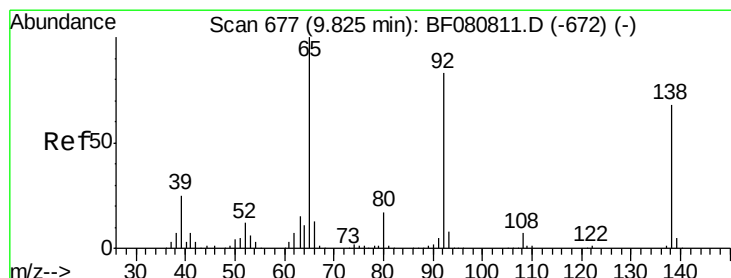
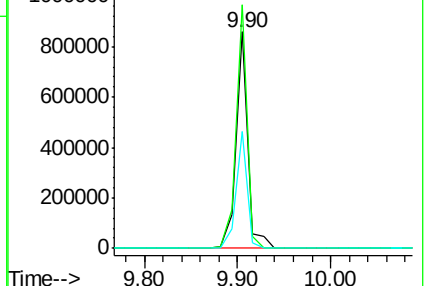
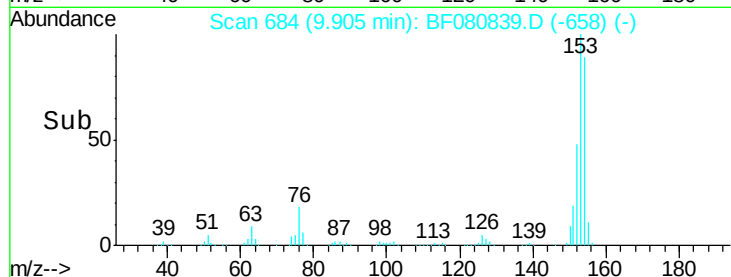
152 54.2 44.1 66.1



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: 41.77 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

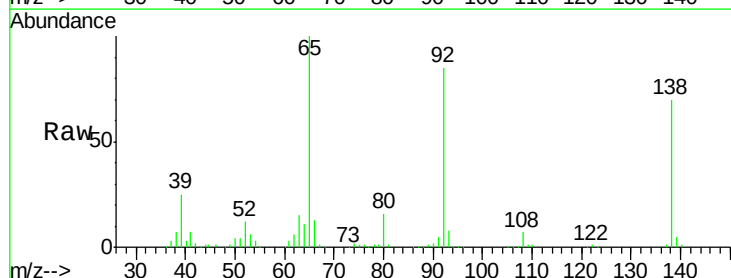
Tgt Ion:138 Resp: 237499

Ion Ratio Lower Upper

138 100

108 10.2 8.6 13.0

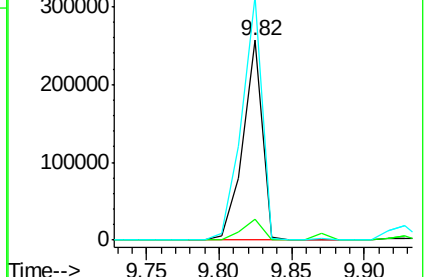
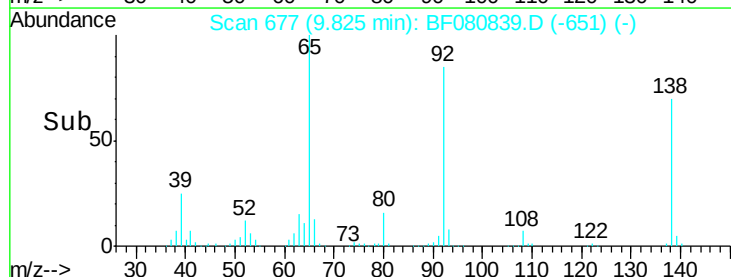
92 121.7 97.4 146.2

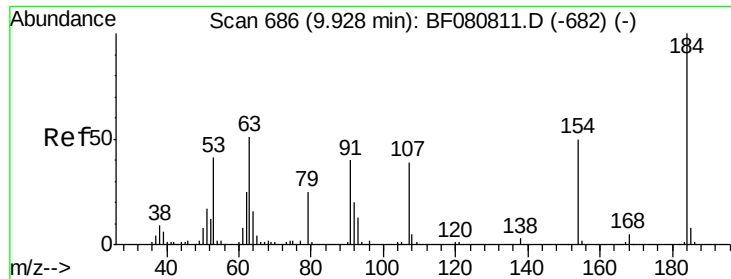


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

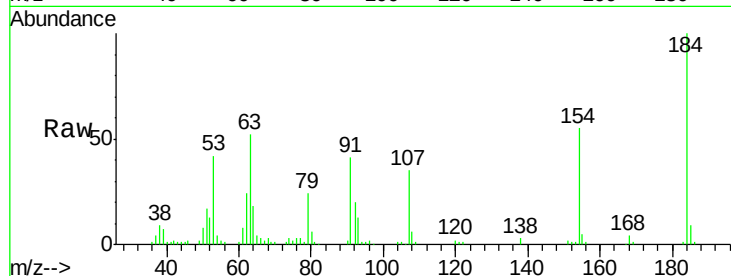




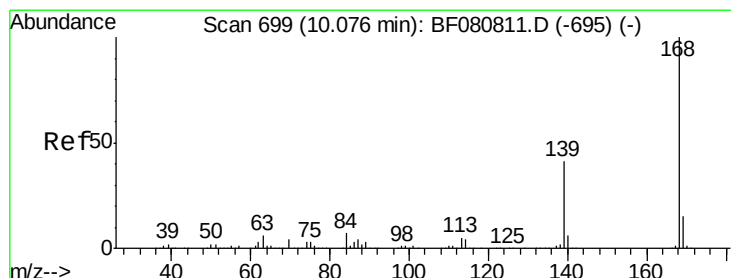
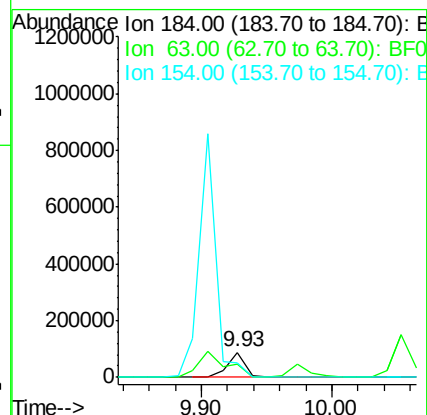
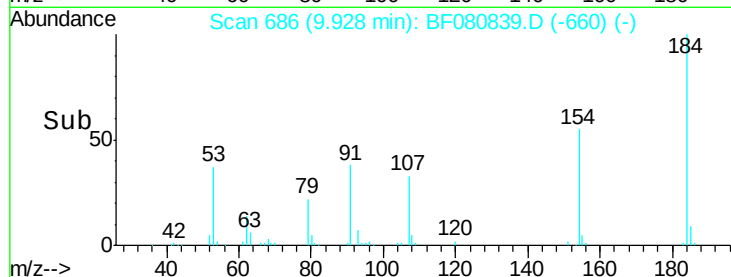
#53
 2,4-Dinitrophenol
 Concen: 30.66 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:184 Resp: 81106
 Ion Ratio Lower Upper
 184 100
 63 51.8 42.2 63.2
 154 55.3 47.4 71.0

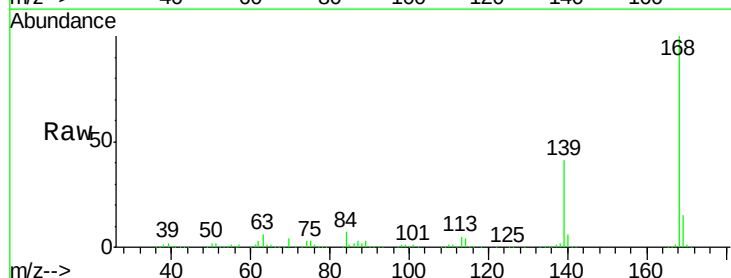


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

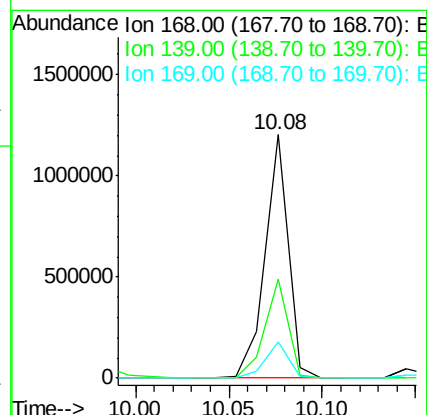
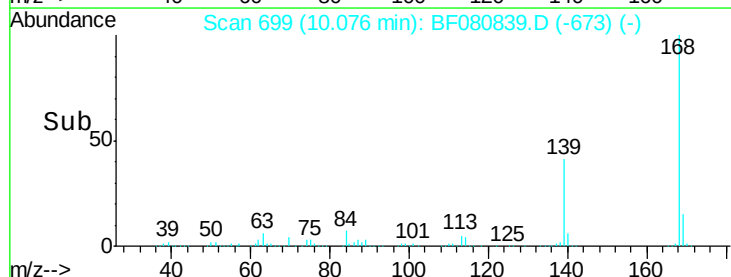


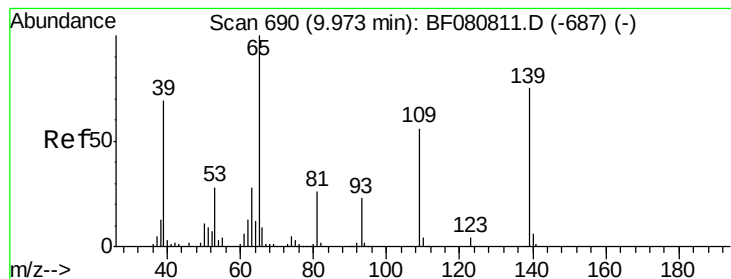
#54
 Dibenzofuran
 Concen: 39.11 ng
 RT: 10.08 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion:168 Resp: 1025160
 Ion Ratio Lower Upper
 168 100
 139 40.7 32.8 49.2
 169 14.8 11.6 17.4



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 35.55 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

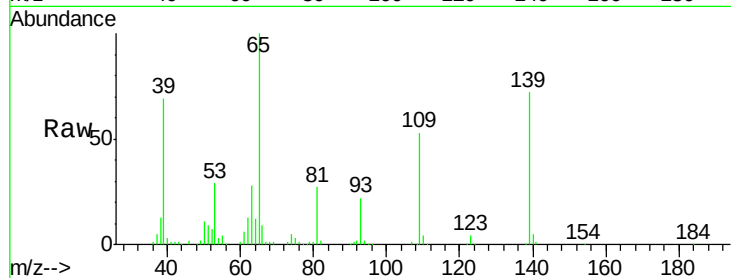
Tgt Ion:139 Resp: 141876

Ion Ratio Lower Upper

139 100

109 73.5 55.1 95.1

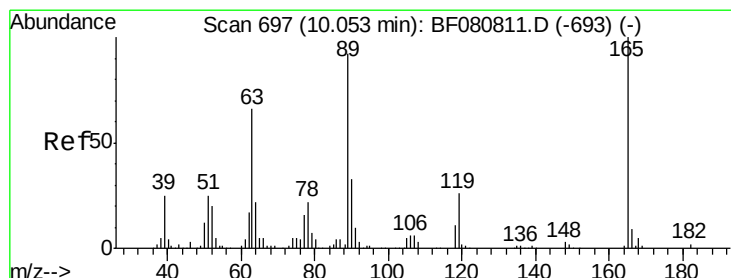
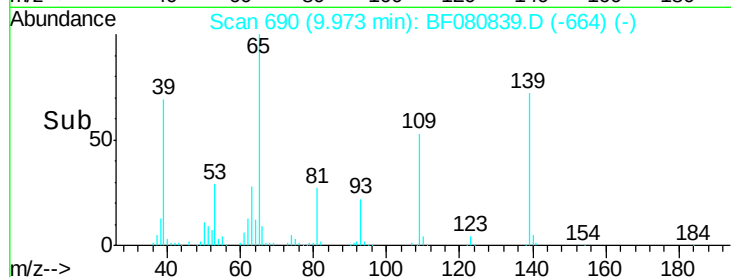
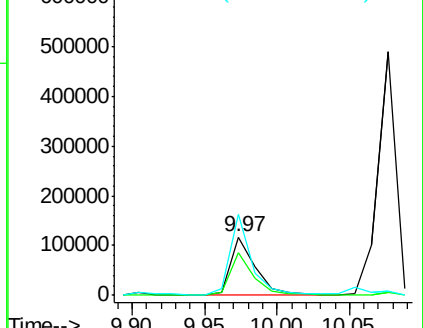
65 139.1 113.9 153.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 34.21 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Tgt Ion:165 Resp: 209246

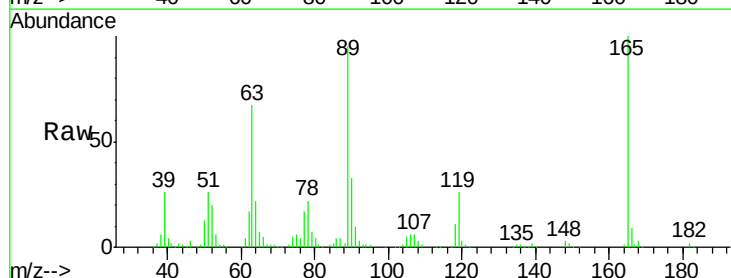
Ion Ratio Lower Upper

165 100

63 66.9 53.3 79.9

89 94.8 73.5 110.3

182 2.4 1.7 2.5

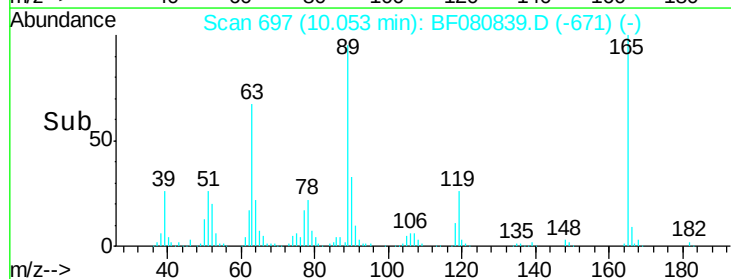
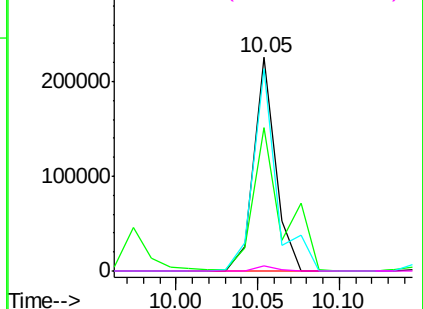


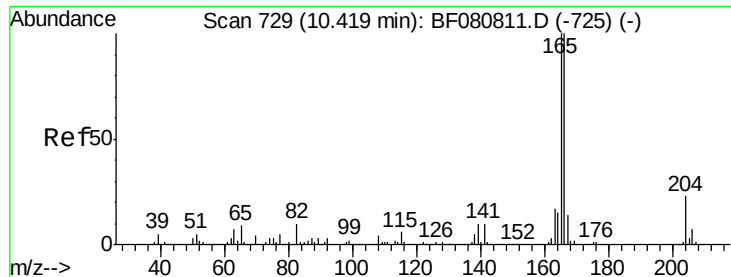
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.31 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

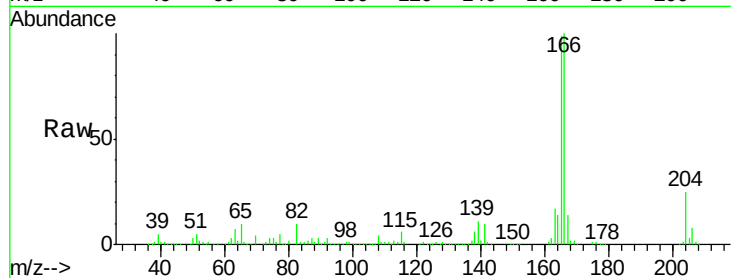
Tgt Ion:166 Resp: 800444

Ion Ratio Lower Upper

166 100

165 99.4 79.9 119.9

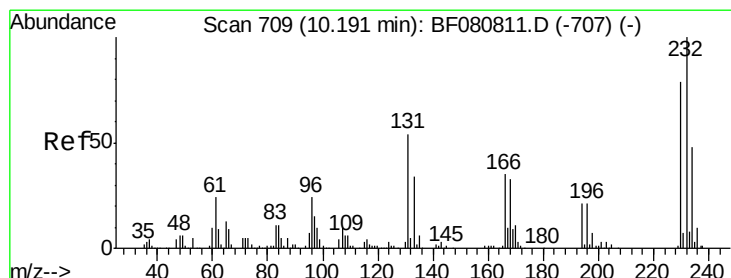
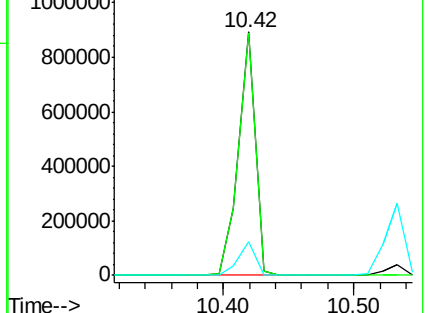
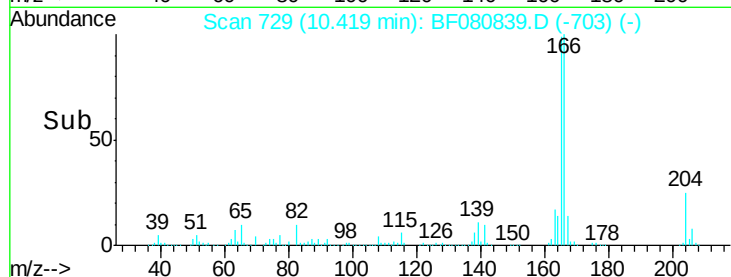
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.87 ng

RT: 10.19 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Tgt Ion:232 Resp: 206970

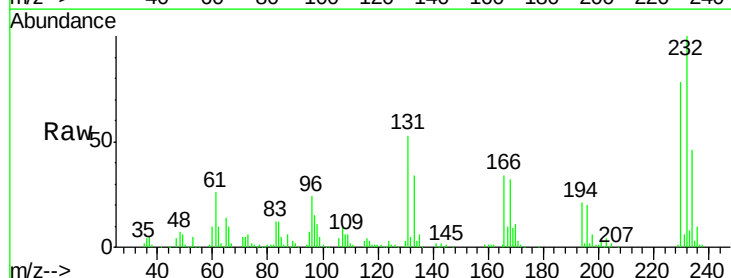
Ion Ratio Lower Upper

232 100

131 48.1 41.9 62.9

130 2.4 2.0 3.0

166 31.3 26.4 39.6

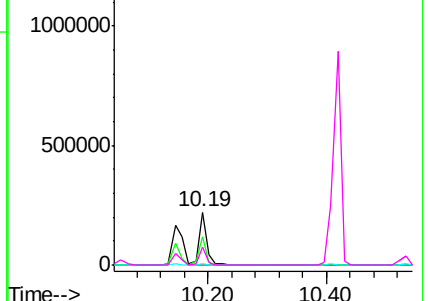
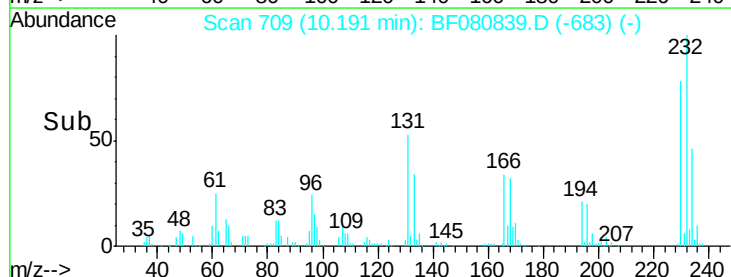


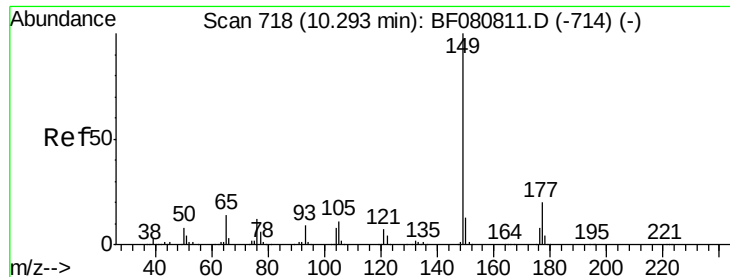
Abundance Ion 232.00 (231.70 to 232.70): E

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

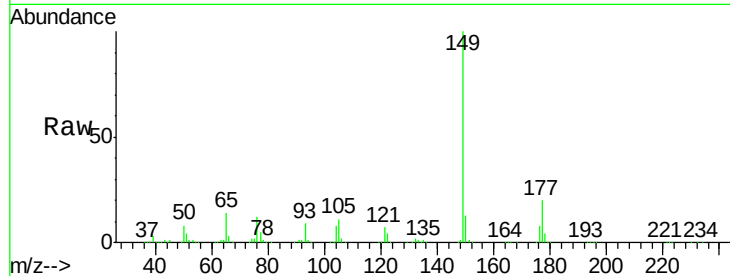




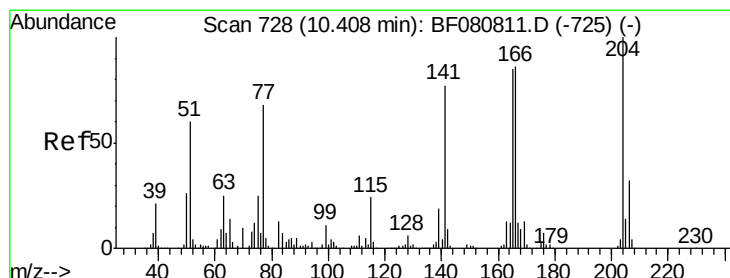
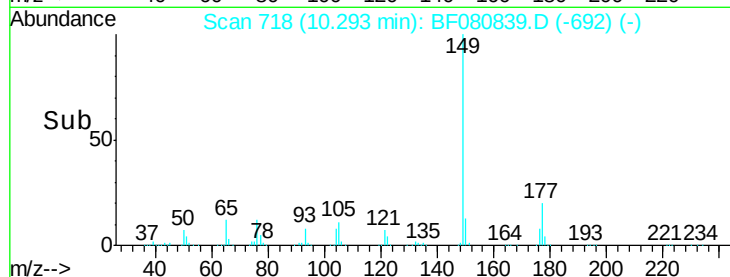
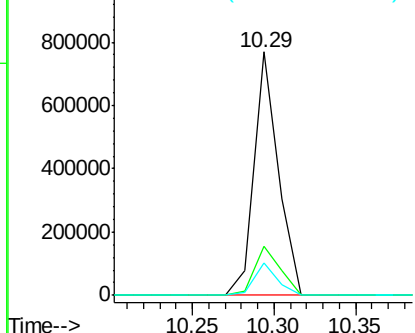
#59
Diethylphthalate
Concen: 36.91 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 794230
Ion Ratio Lower Upper
149 100
177 20.3 16.2 24.2
150 13.1 10.6 15.8

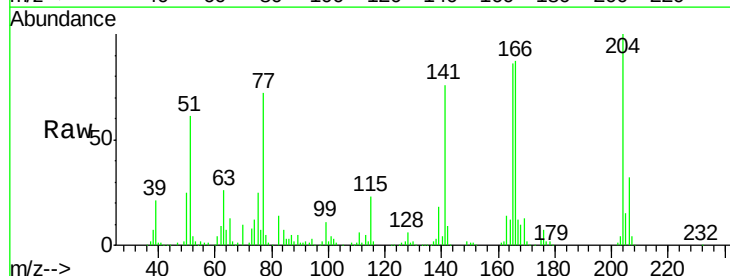


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

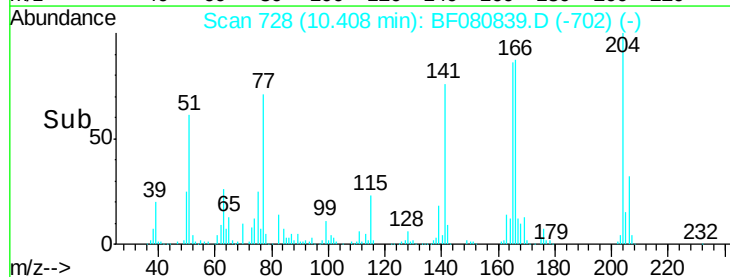
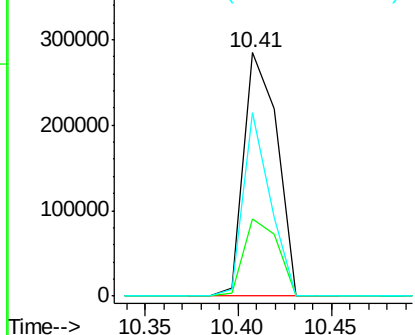


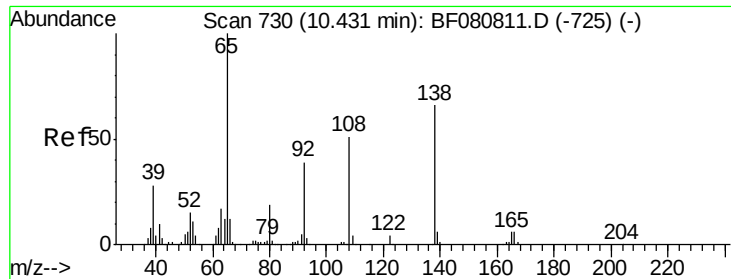
#60
4-Chlorophenyl-phenylether
Concen: 34.96 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion:204 Resp: 351824
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 75.5 61.2 91.8



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

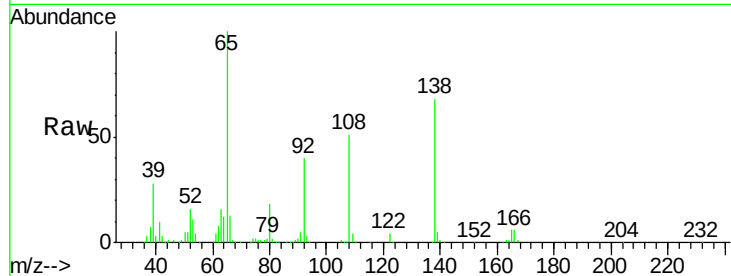




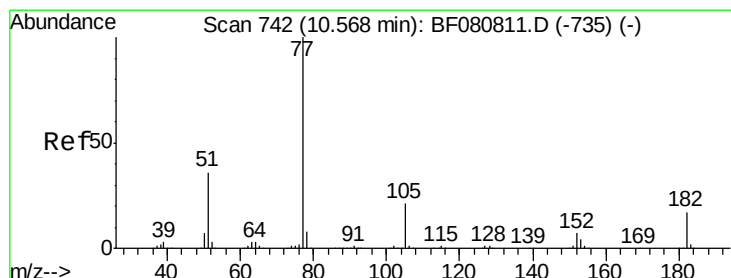
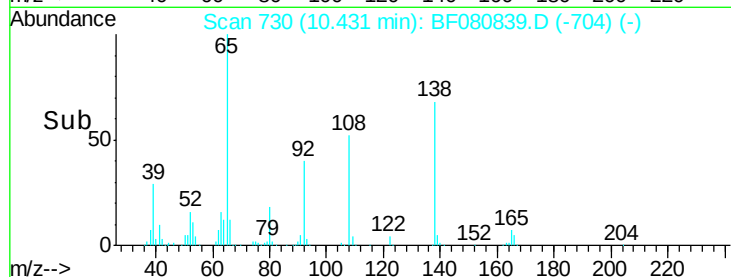
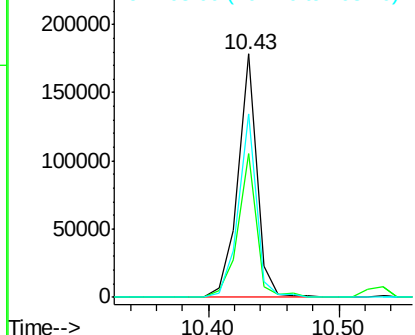
#61
4-Nitroaniline
Concen: 34.90 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampled :

Tgt Ion:138 Resp: 180431
Ion Ratio Lower Upper
138 100
92 59.0 38.7 78.7
108 75.6 56.8 96.8

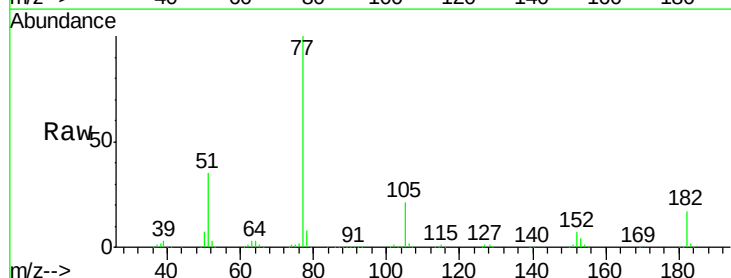


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

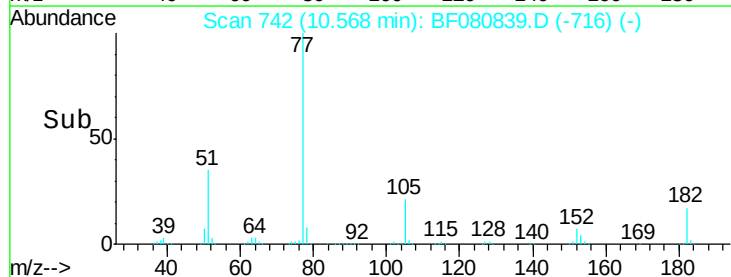
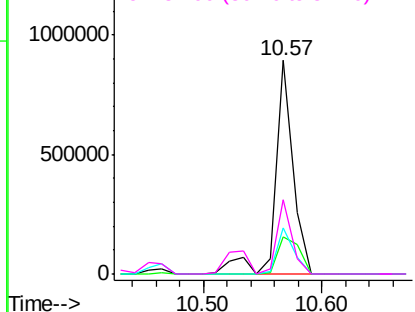


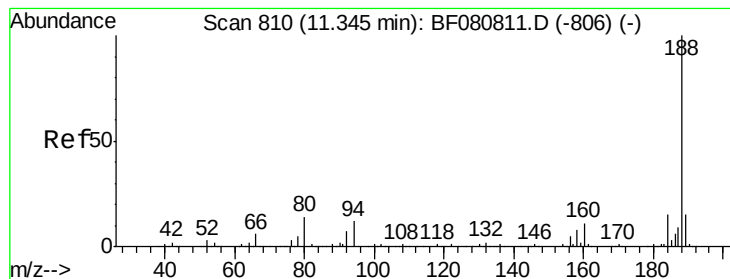
#62
Azobenzene
Concen: 37.04 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion: 77 Resp: 922809
Ion Ratio Lower Upper
77 100
182 17.4 0.0 37.4
105 21.4 0.9 40.9
51 34.9 15.9 55.9



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: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampled :

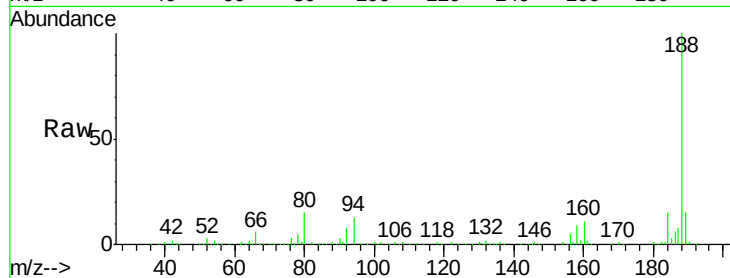
Tgt Ion:188 Resp: 530789

Ion Ratio Lower Upper

188 100

94 13.5 9.7 14.5

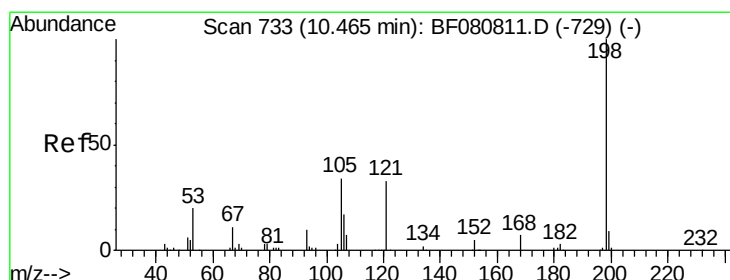
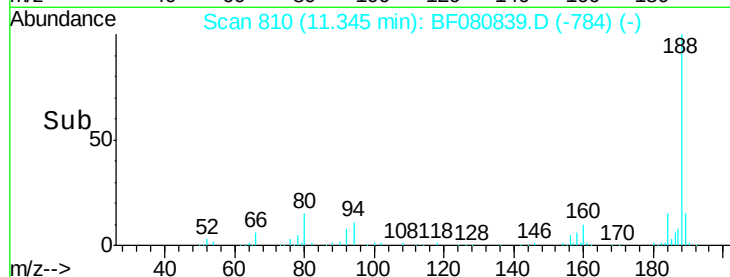
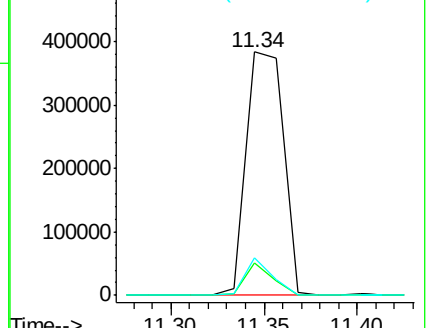
80 15.4 11.2 16.8



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: 32.99 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

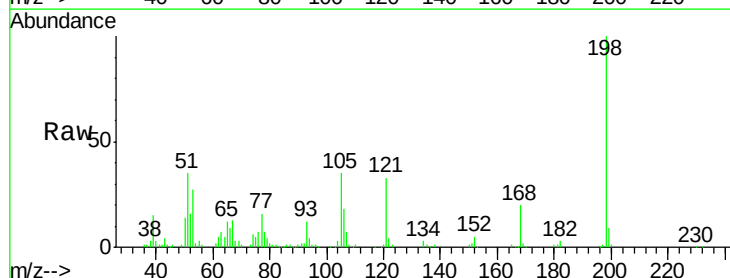
Tgt Ion:198 Resp: 113655

Ion Ratio Lower Upper

198 100

51 34.9 13.9 53.9

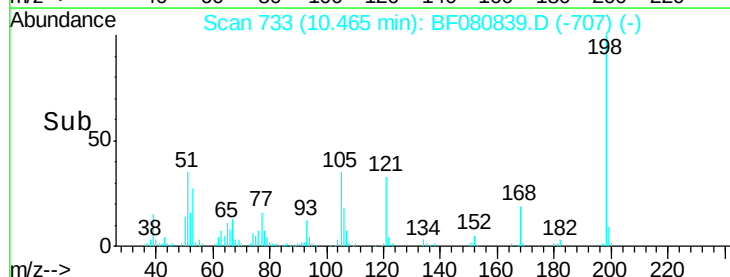
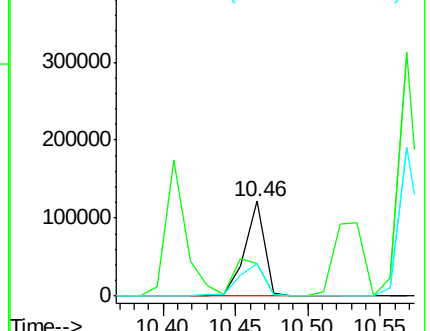
105 34.5 14.1 54.1

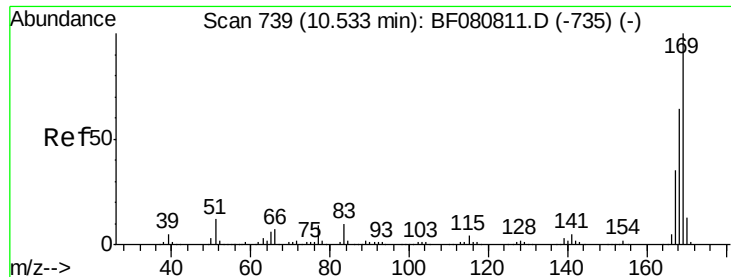


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

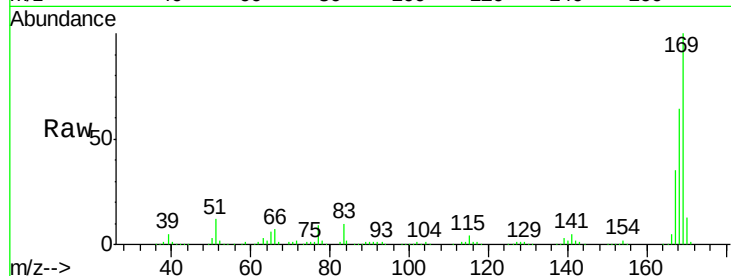




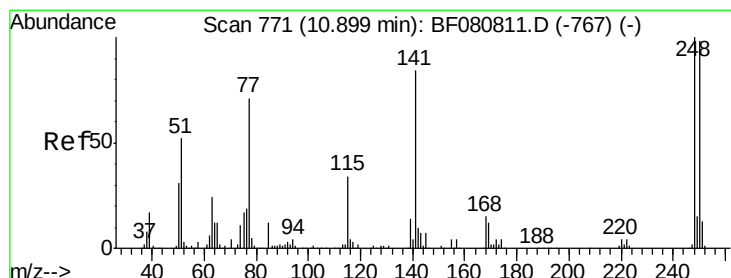
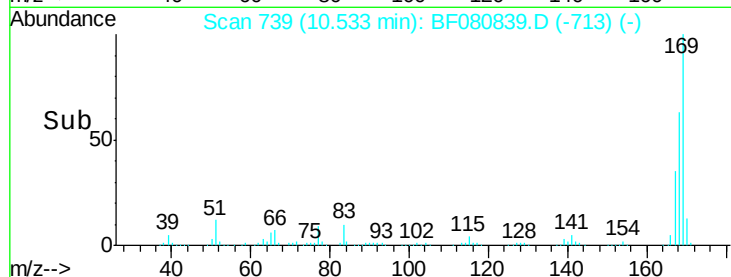
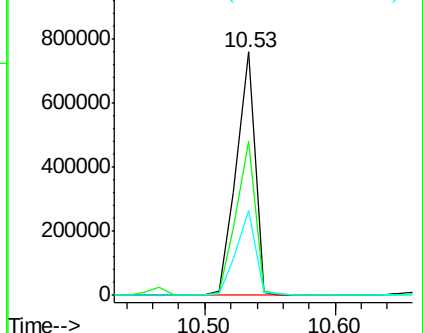
#65
 n-Nitrosodiphenylamine
 Concen: 40.96 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:169 Resp: 758166
 Ion Ratio Lower Upper
 169 100
 168 63.5 50.9 76.3
 167 34.7 27.7 41.5

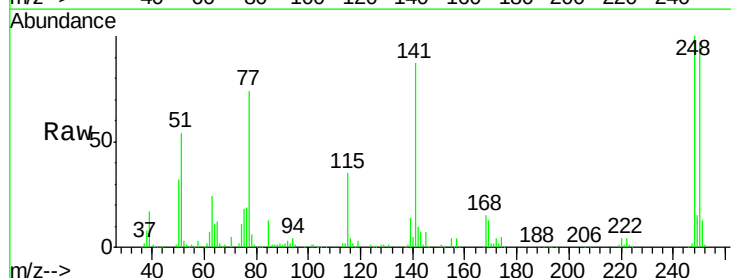


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

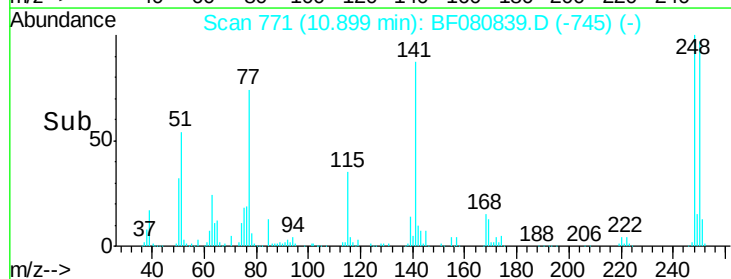
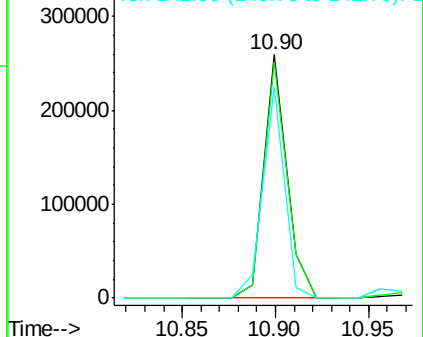


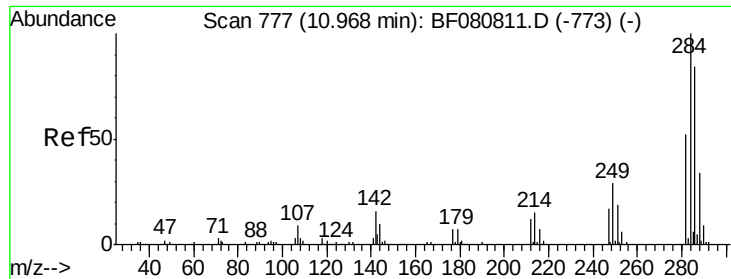
#66
 4-Bromophenyl-phenylether
 Concen: 37.78 ng
 RT: 10.90 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion:248 Resp: 219965
 Ion Ratio Lower Upper
 248 100
 250 96.7 78.4 117.6
 141 87.0 67.3 100.9



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

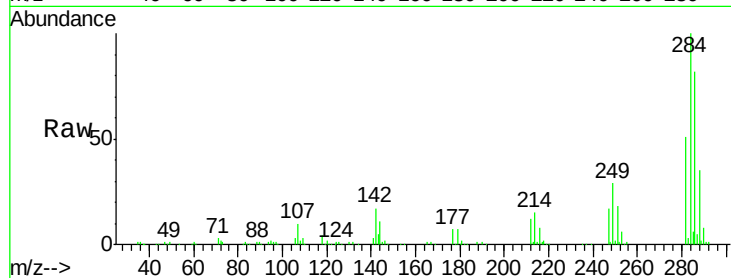




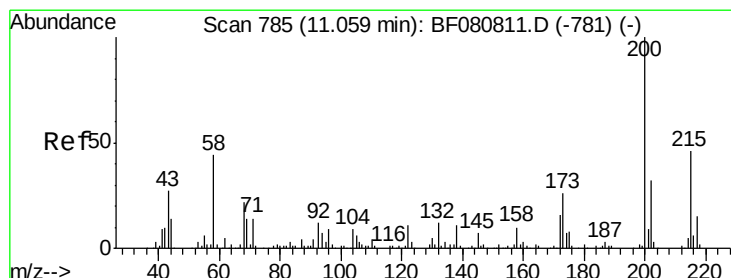
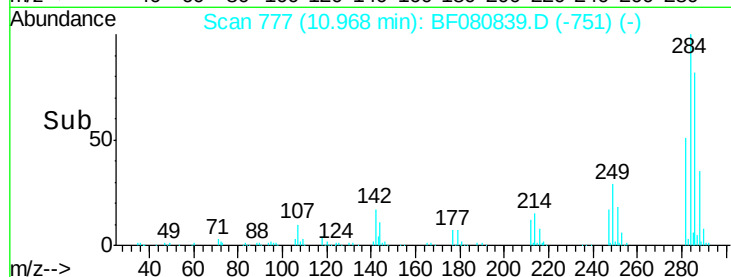
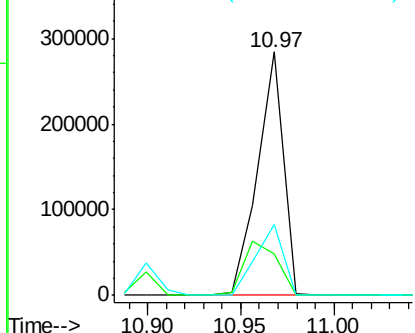
#67
Hexachlorobenzene
Concen: 41.25 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 271056
Ion Ratio Lower Upper
284 100
142 16.9 13.0 19.4
249 28.9 22.9 34.3

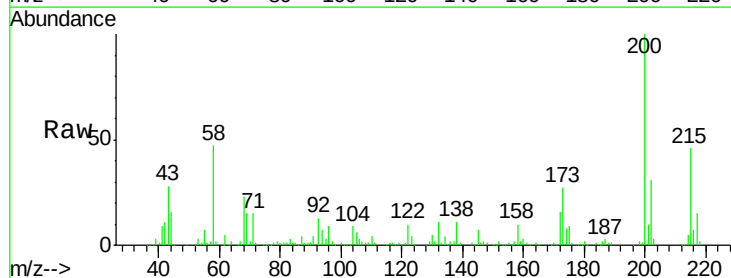


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

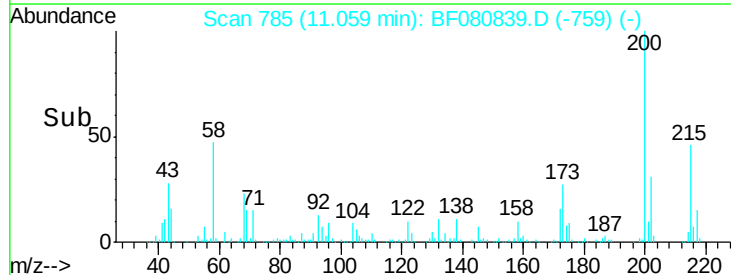
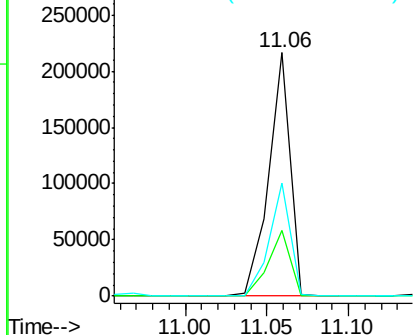


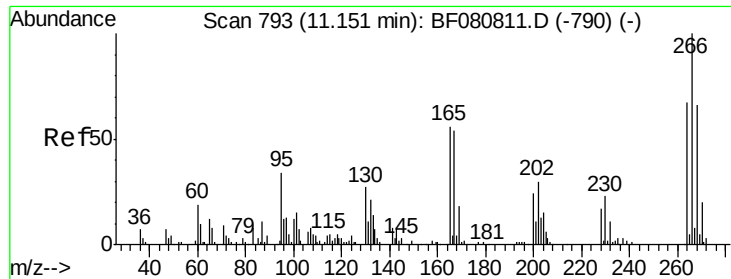
#68
Atrazine
Concen: 46.75 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion:200 Resp: 198373
Ion Ratio Lower Upper
200 100
173 26.9 6.0 46.0
215 46.4 26.4 66.4



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

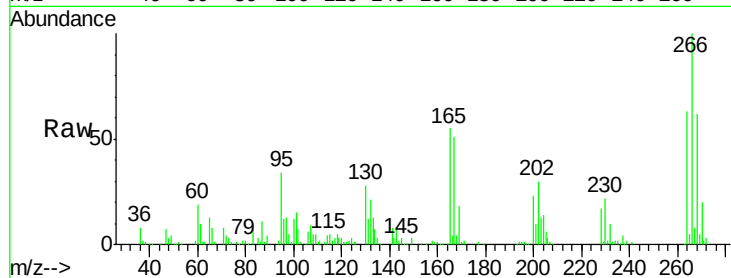




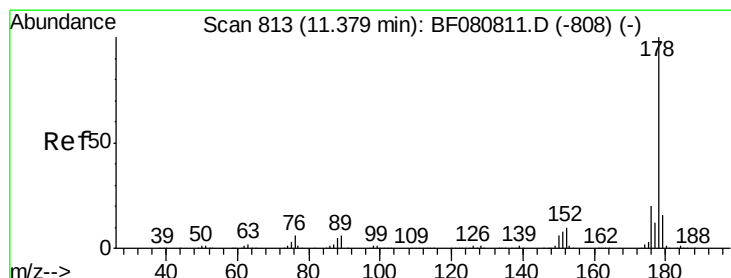
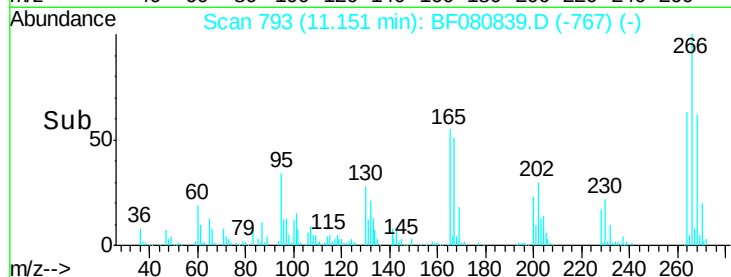
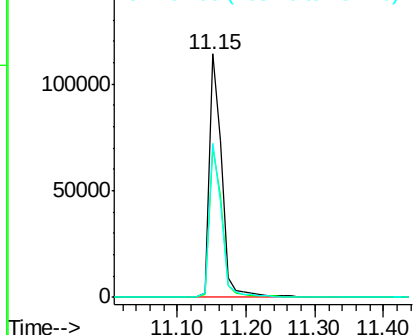
#69
 Pentachlorophenol
 Concen: 41.30 ng
 RT: 11.15 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:266 Resp: 145965
 Ion Ratio Lower Upper
 266 100
 268 61.5 52.7 79.1
 264 63.4 53.4 80.0

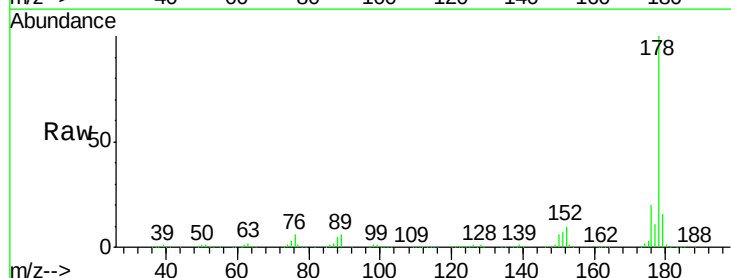


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

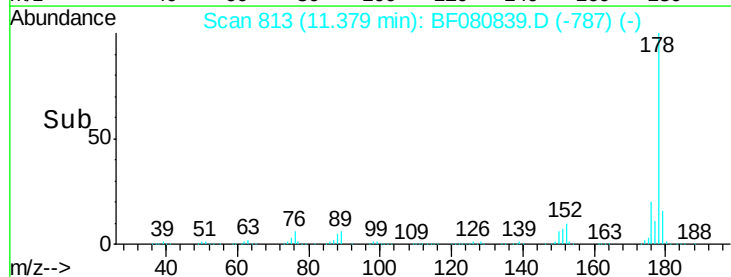
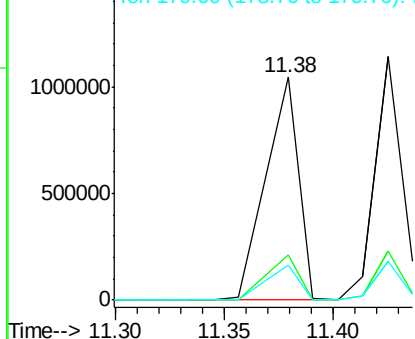


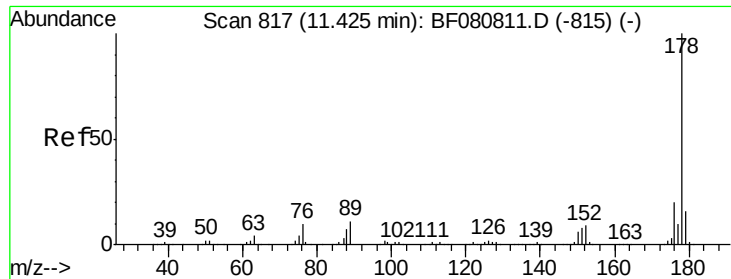
#70
 Phenanthrene
 Concen: 39.93 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion:178 Resp: 1103143
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.3 24.5
 179 15.8 12.6 19.0



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

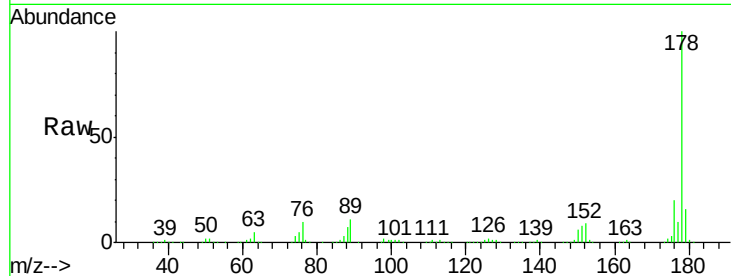




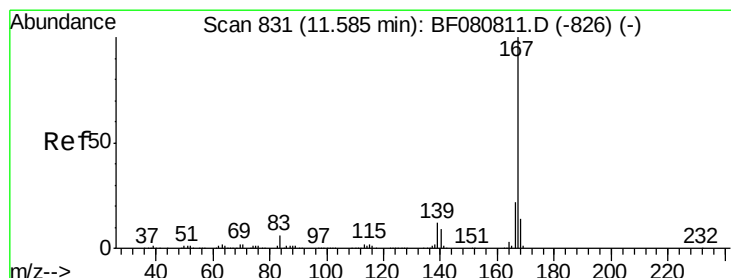
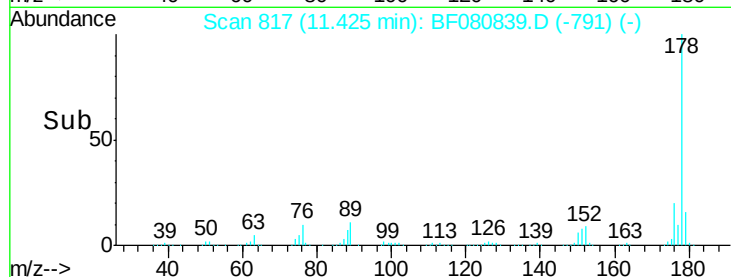
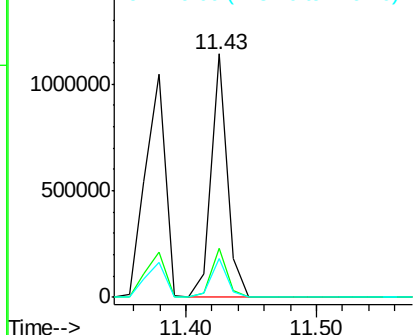
#71
 Anthracene
 Concen: 36.01 ng
 RT: 11.43 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:178 Resp: 986504
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 16.1 13.0 19.4

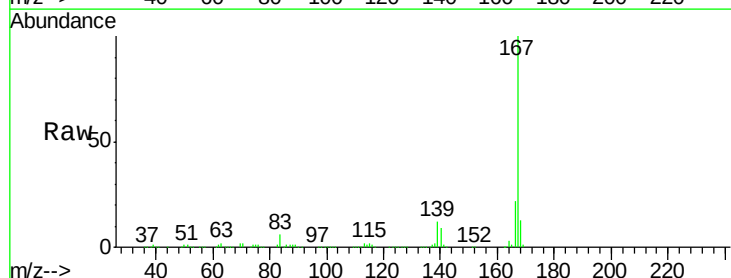


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

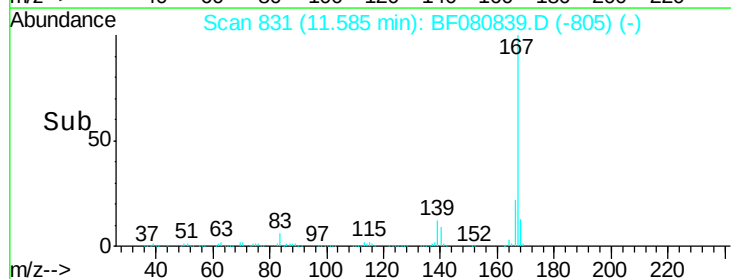
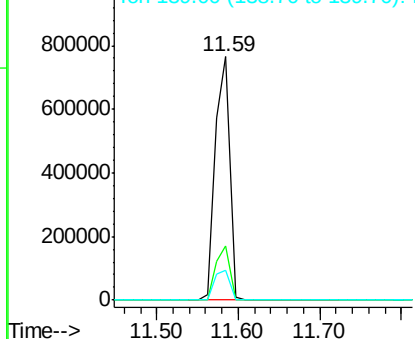


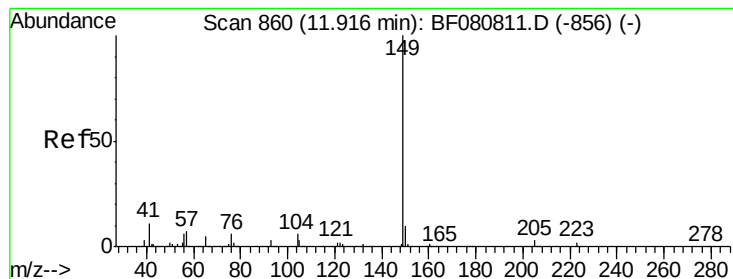
#72
 Carbazole
 Concen: 40.05 ng
 RT: 11.59 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion:167 Resp: 938504
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 12.1 9.6 14.4



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





#73

Di-n-butylphthalate

Concen: 40.63 ng

RT: 11.92 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

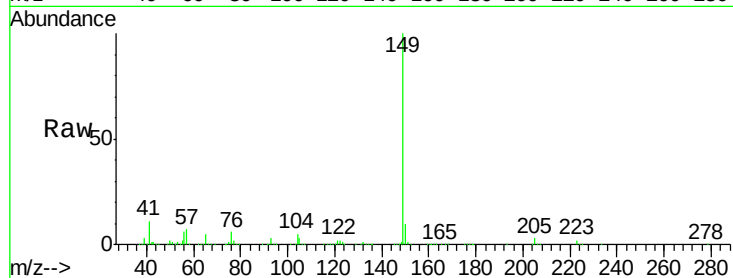
Tgt Ion:149 Resp: 1152788

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

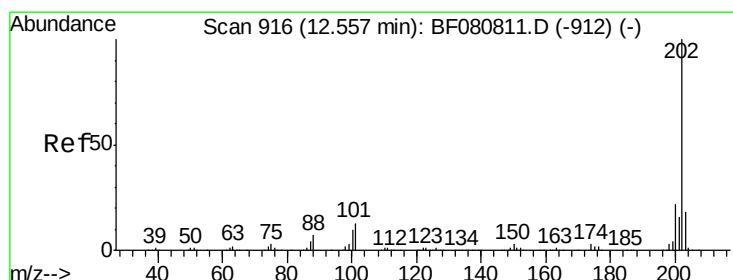
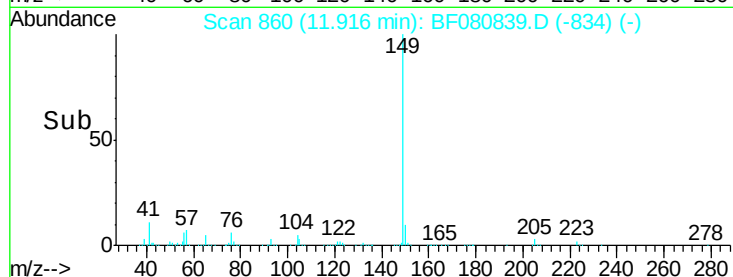
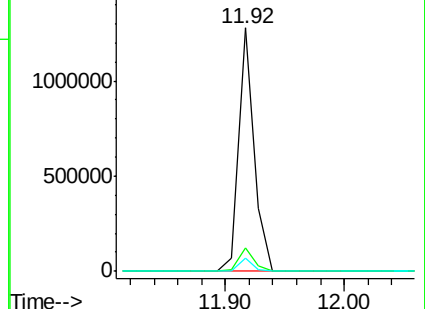
104 5.4 4.6 6.8



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: 36.90 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

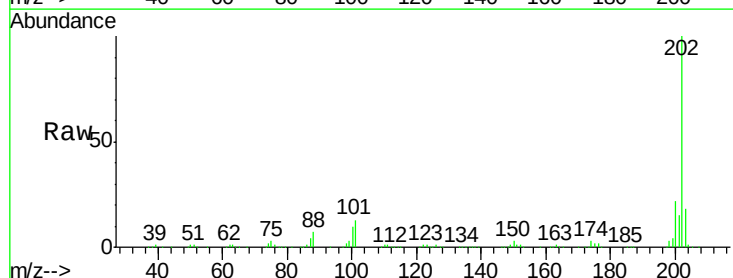
Tgt Ion:202 Resp: 967728

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.0

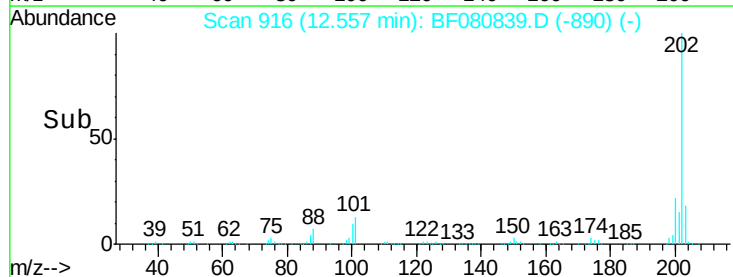
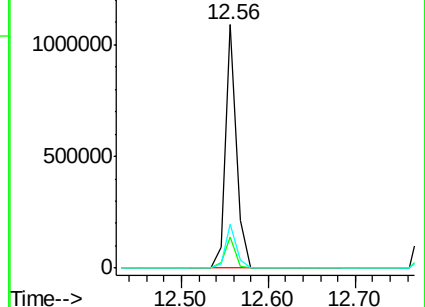
203 18.2 0.0 38.1

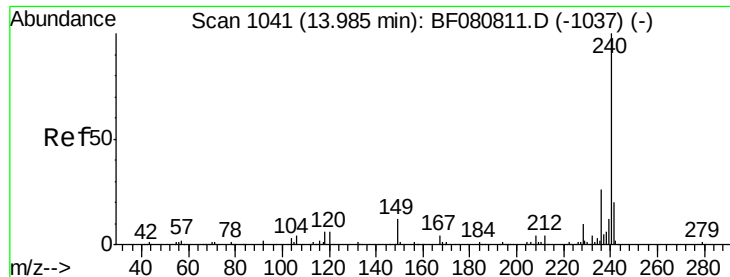


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

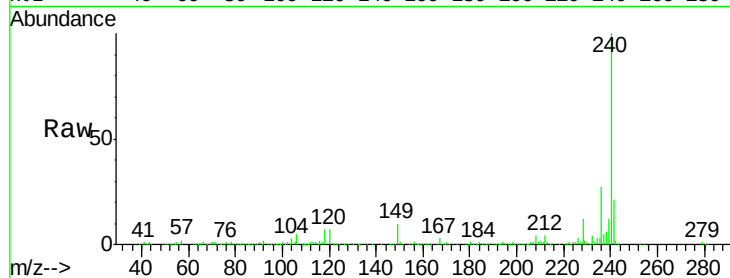
Tgt Ion:240 Resp: 393173

Ion Ratio Lower Upper

240 100

120 7.5 5.0 7.4#

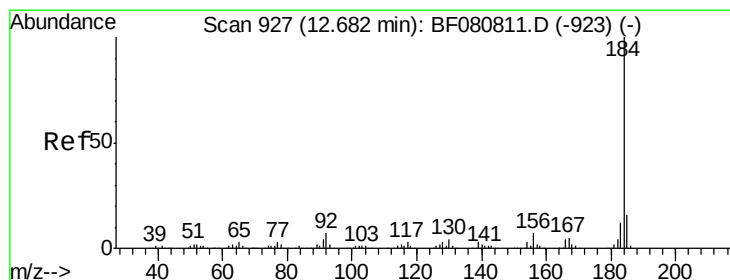
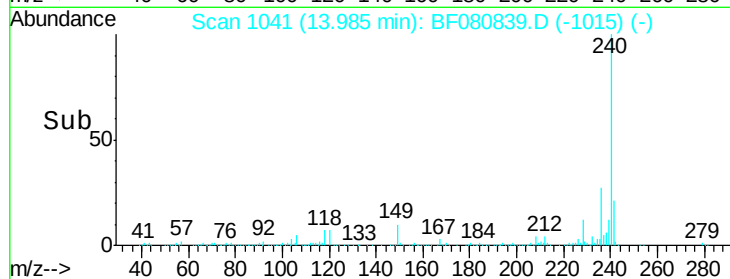
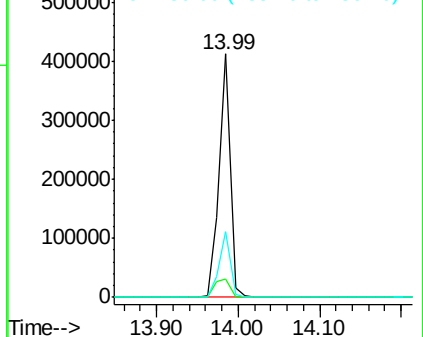
236 26.8 20.8 31.2



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: 46.86 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

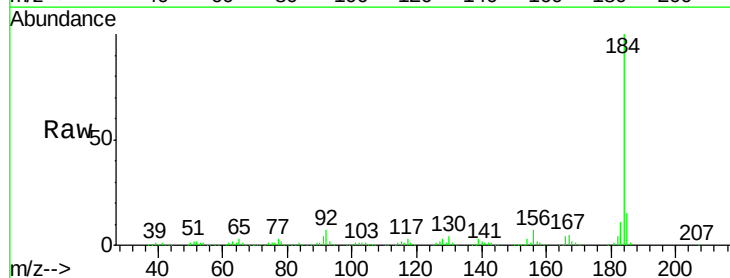
Tgt Ion:184 Resp: 543327

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

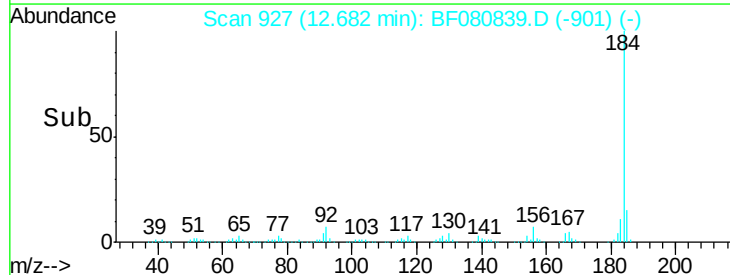
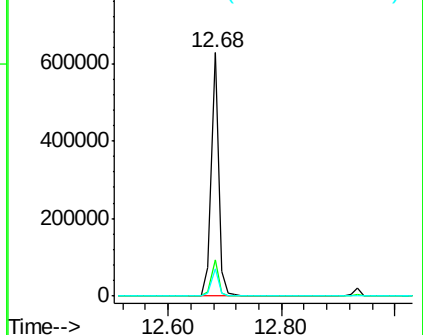
183 11.4 9.3 13.9

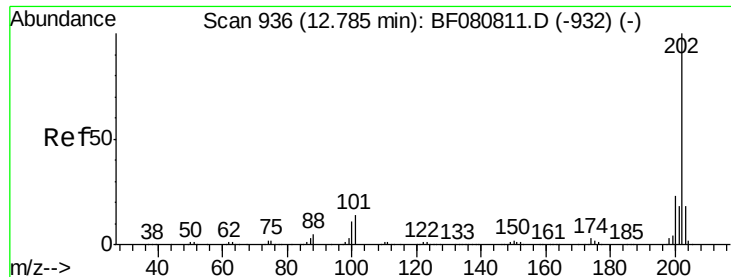


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

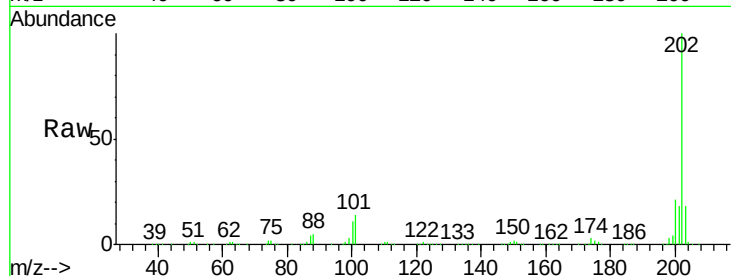




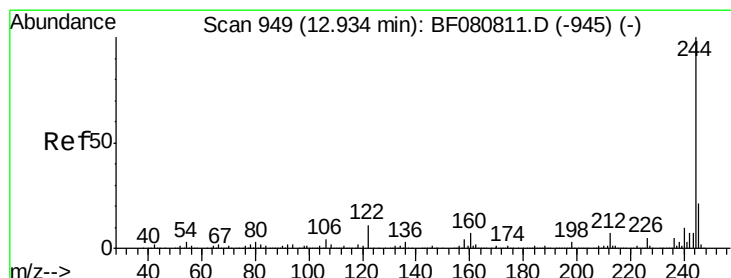
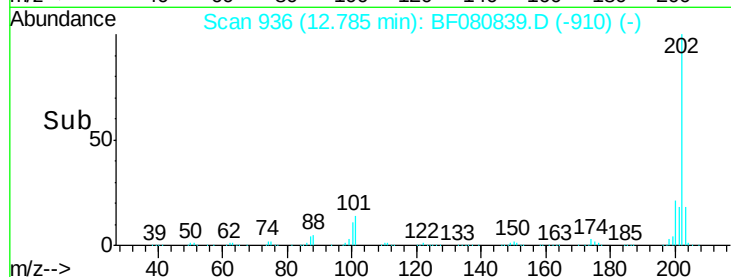
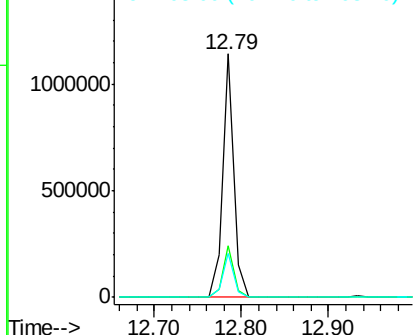
#77
 Pyrene
 Concen: 35.35 ng
 RT: 12.79 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 202 Resp: 1031340
 Ion Ratio Lower Upper
 202 100
 200 21.4 18.2 27.4
 203 18.2 14.8 22.2

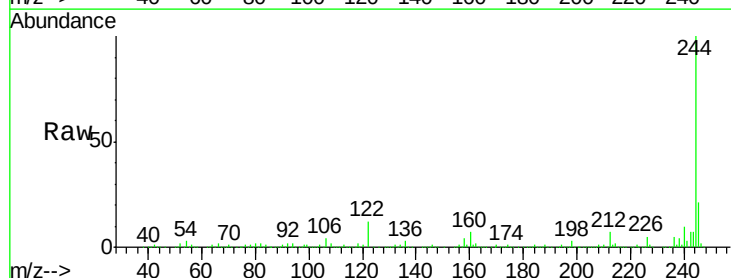


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

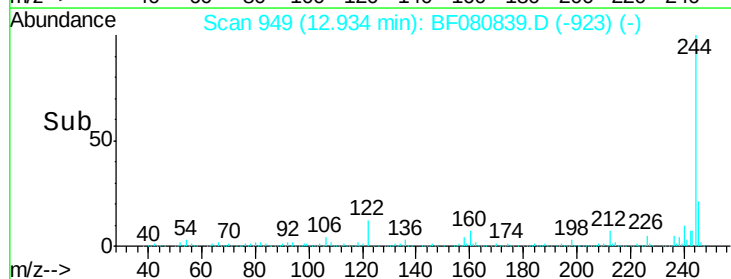
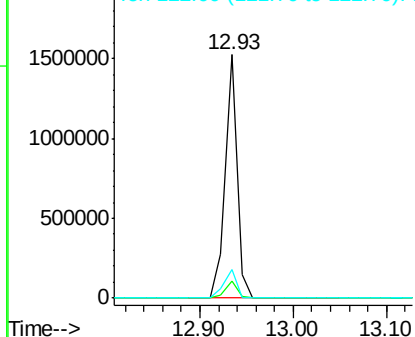


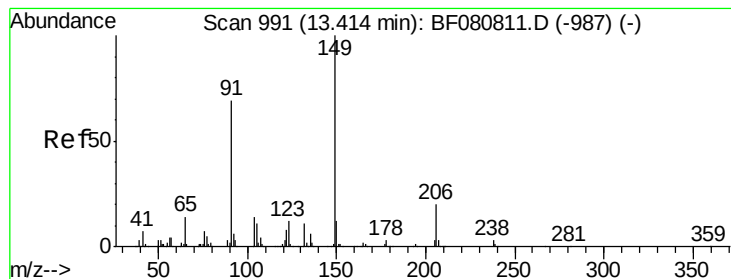
#78
 Terphenyl-d14
 Concen: 68.45 ng
 RT: 12.93 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion: 244 Resp: 1344190
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.6 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.01 ng

RT: 13.41 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

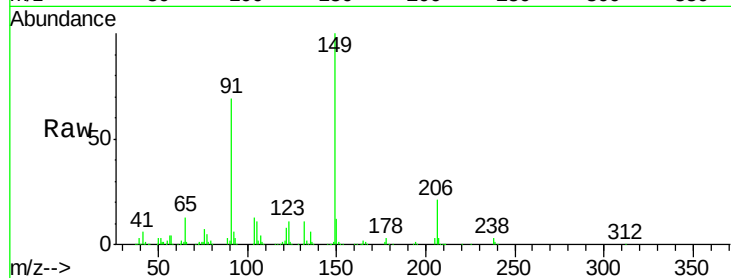
Tgt Ion:149 Resp: 469701

Ion Ratio Lower Upper

149 100

91 69.1 55.4 83.2

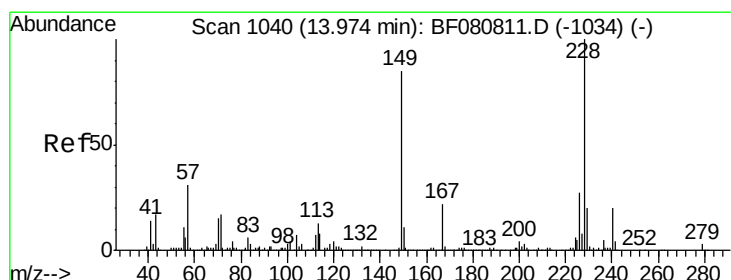
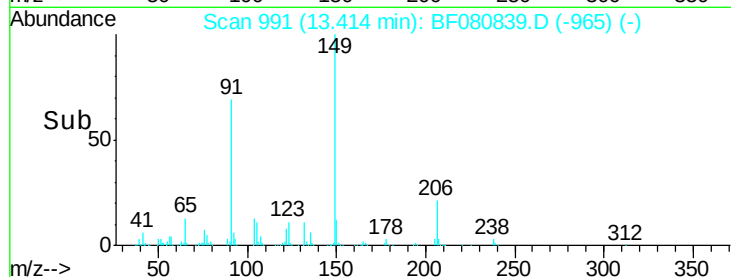
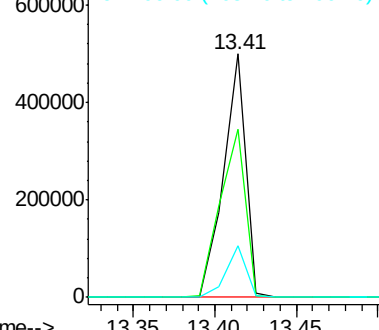
206 21.0 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.09 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

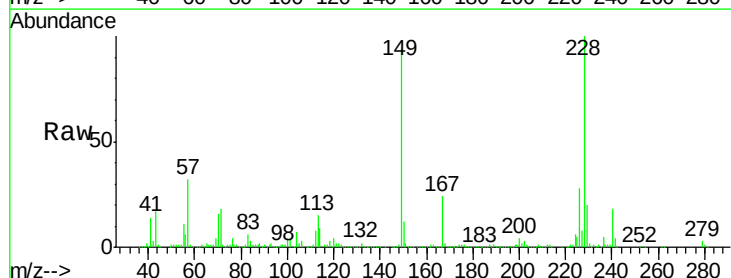
Tgt Ion:228 Resp: 848582

Ion Ratio Lower Upper

228 100

226 28.2 21.6 32.4

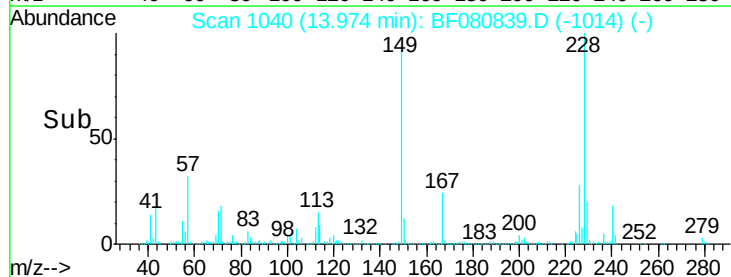
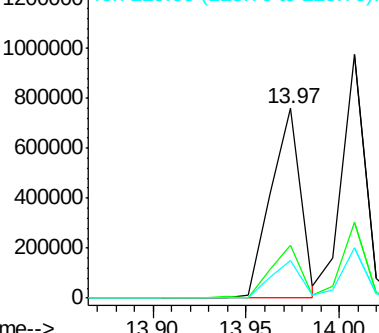
229 20.0 15.7 23.5

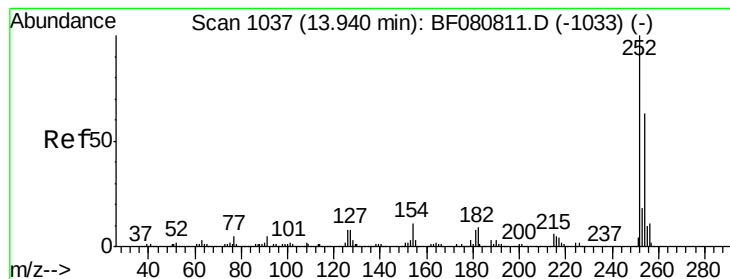


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

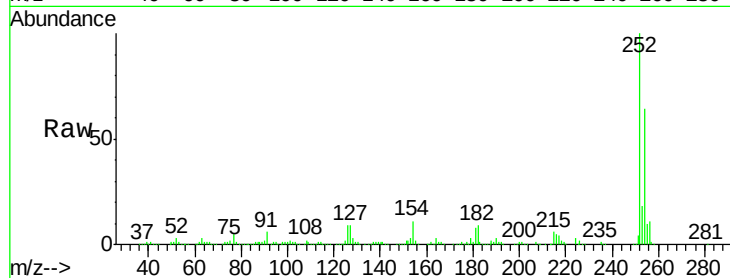




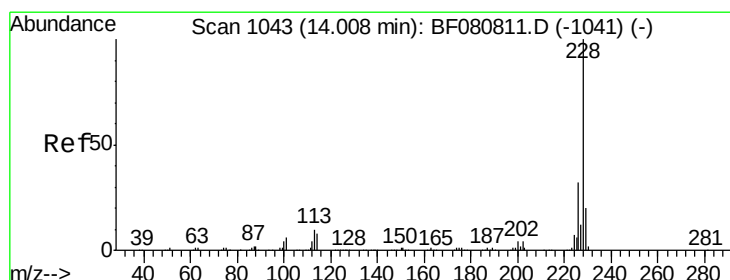
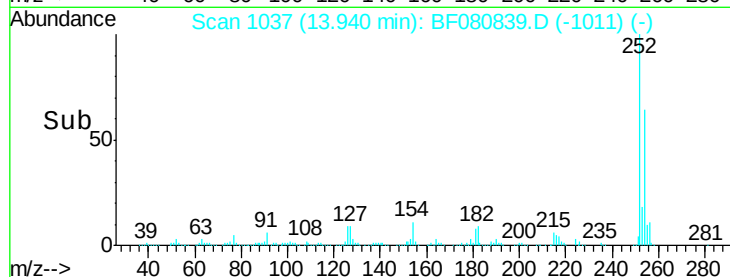
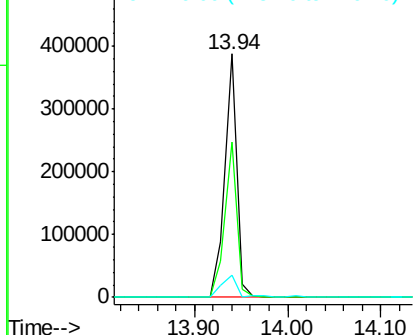
#81
 3,3'-Dichlorobenzidine
 Concen: 43.76 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:252 Resp: 346921
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.1 75.1
 126 8.8 6.2 9.4

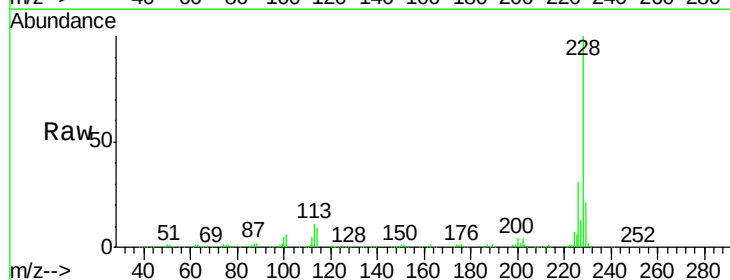


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

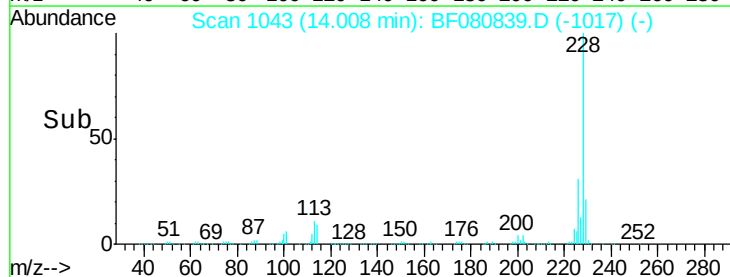
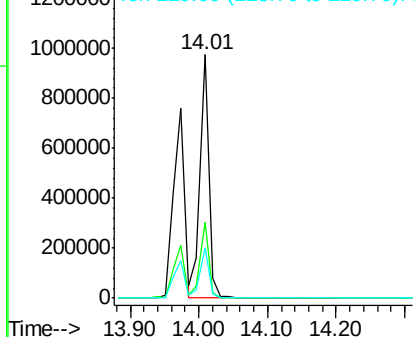


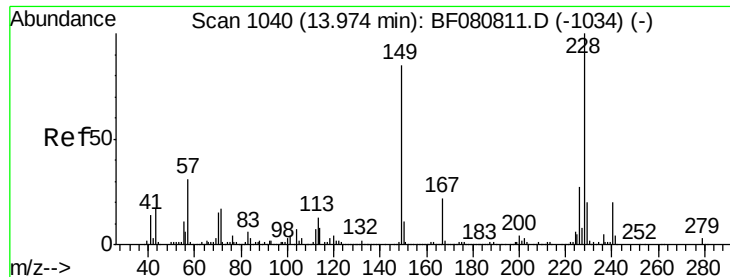
#82
 Chrysene
 Concen: 39.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion:228 Resp: 849639
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.6 16.1 24.1



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

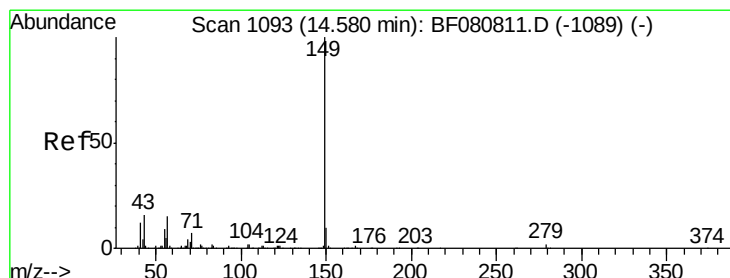
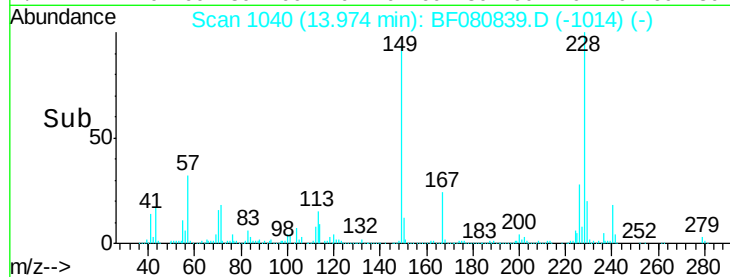
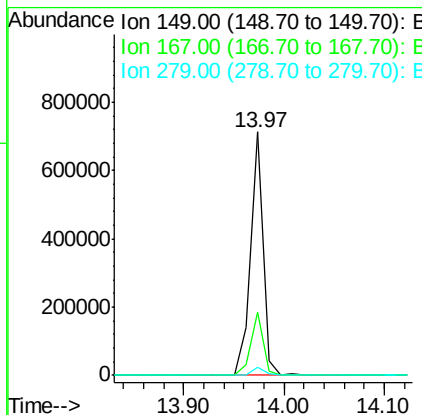
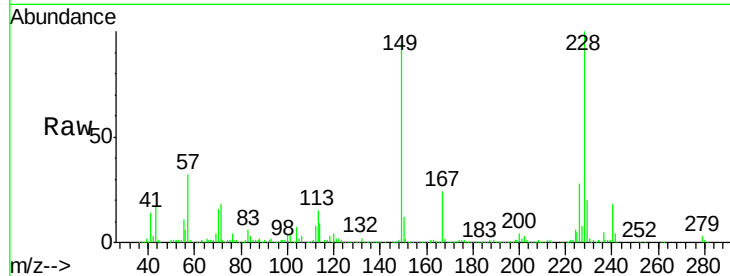




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.94 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

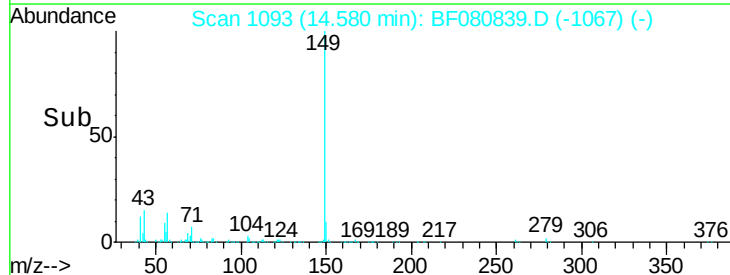
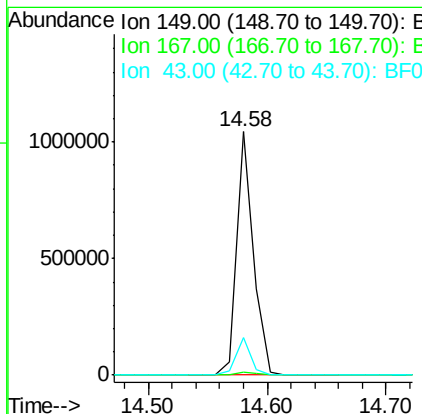
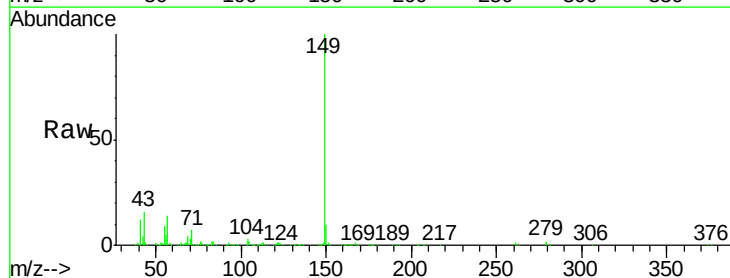
Instrument :
 BNA_F
 ClientSampled :

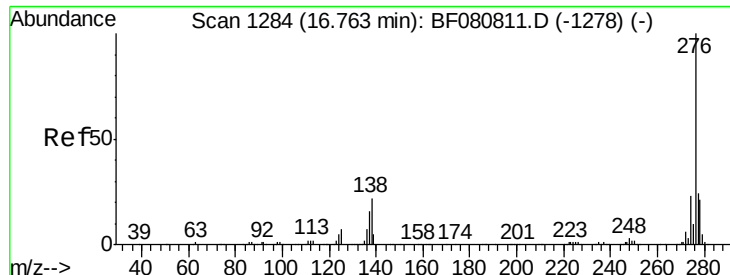
Tgt Ion:	149	Resp:	620838
Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.4	30.6
279	3.2	2.4	3.6



#84
 Di-n-octyl phthalate
 Concen: 45.82 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion:	149	Resp:	1023598
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	14.1	11.8	17.8

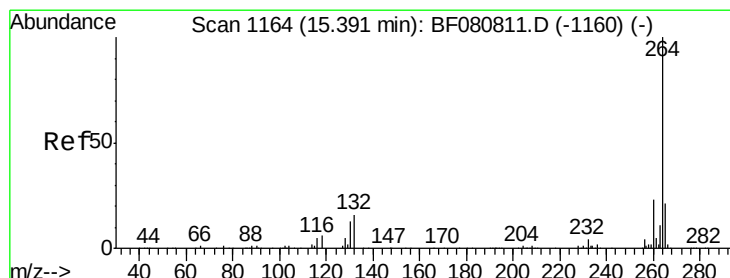
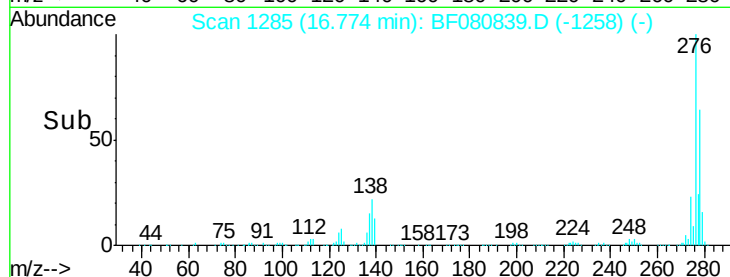
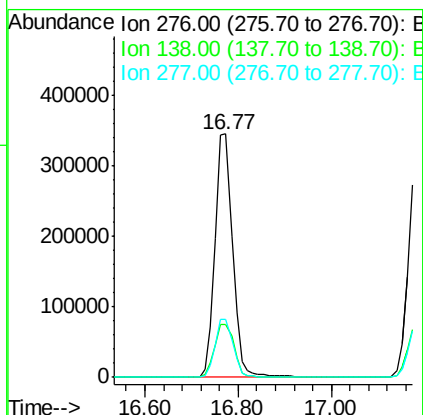
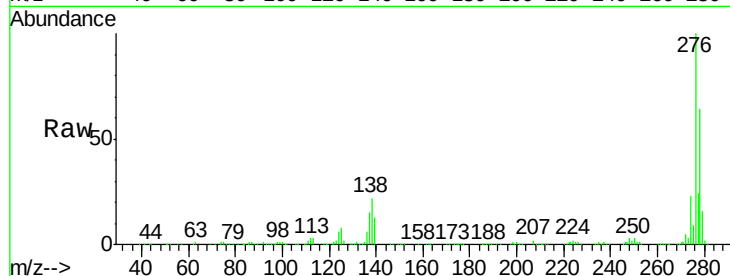




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.86 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

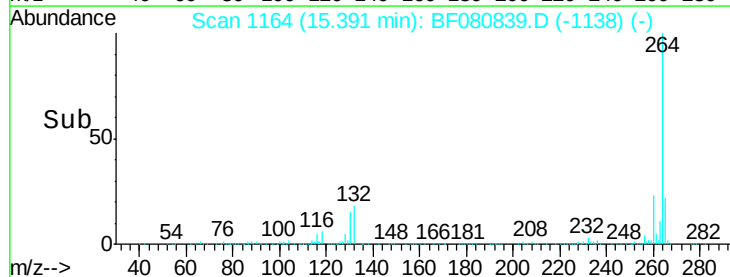
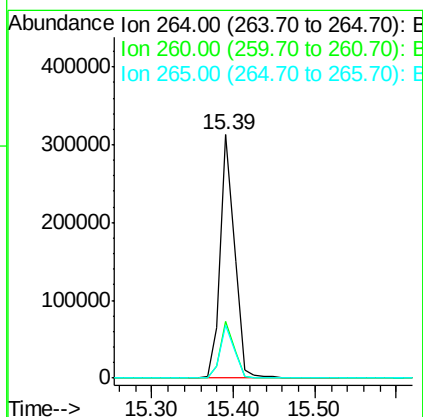
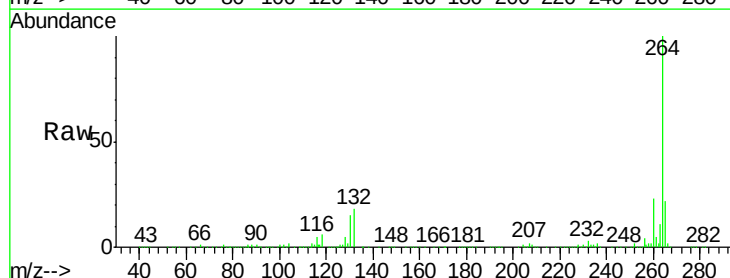
Instrument :
 BNA_F
 ClientSampleId :

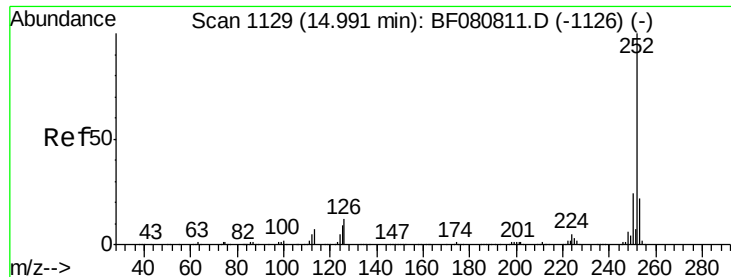
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	18.6	27.8
277	24.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	21.9	17.0	25.6

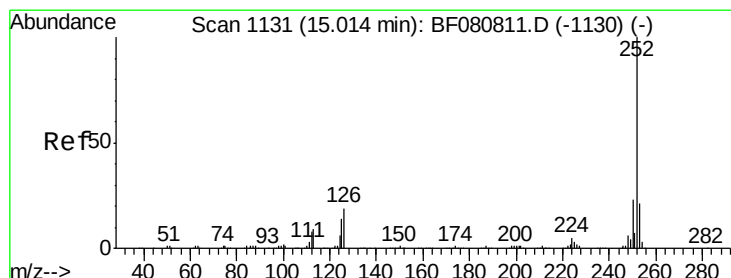
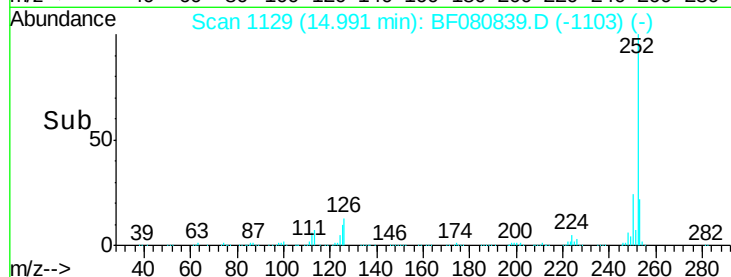
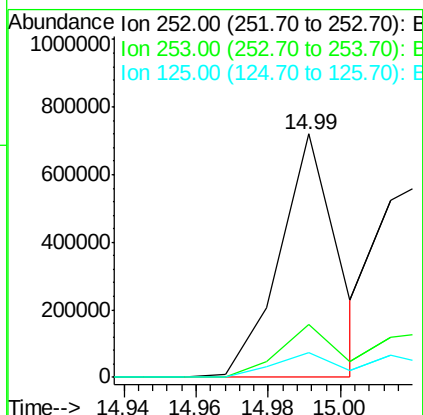
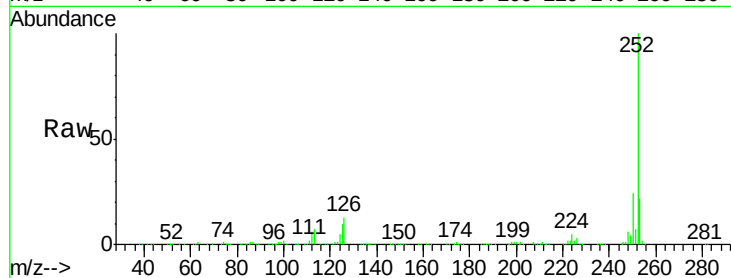




#87
Benzo(b)fluoranthene
Concen: 35.90 ng m
RT: 14.99 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

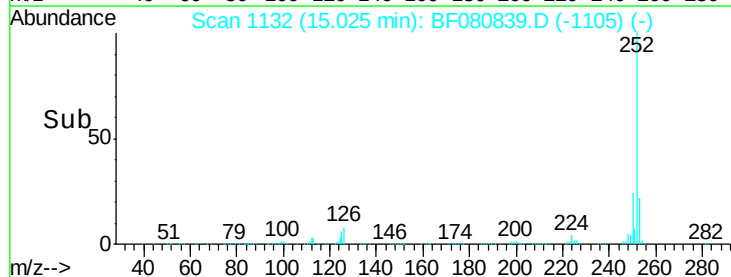
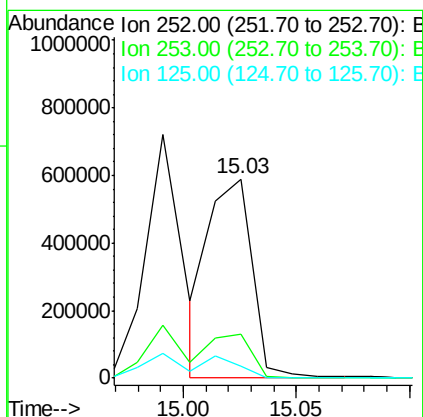
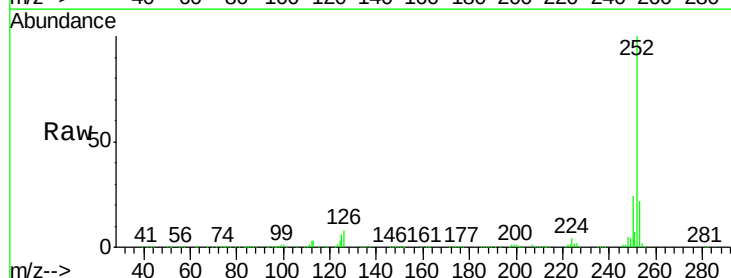
Instrument :
BNA_F
ClientSampled :

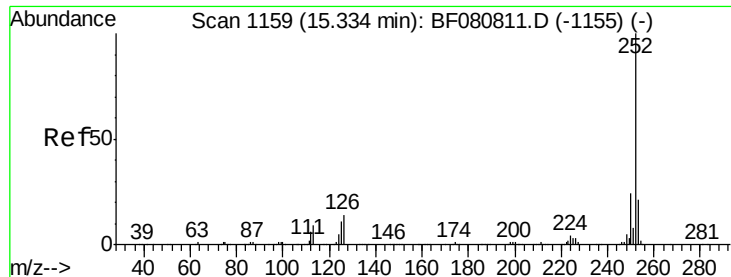
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.9	7.4	11.0



#88
Benzo(k)fluoranthene
Concen: 41.27 ng m
RT: 15.03 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	5.8	9.9	14.9#

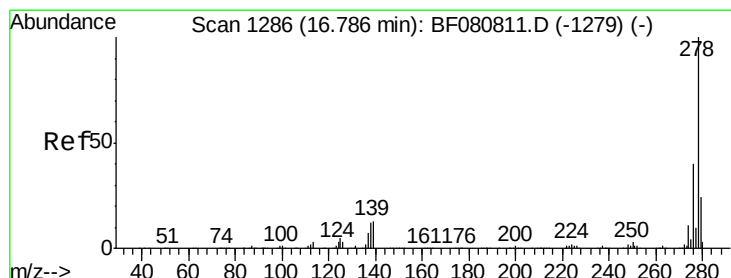
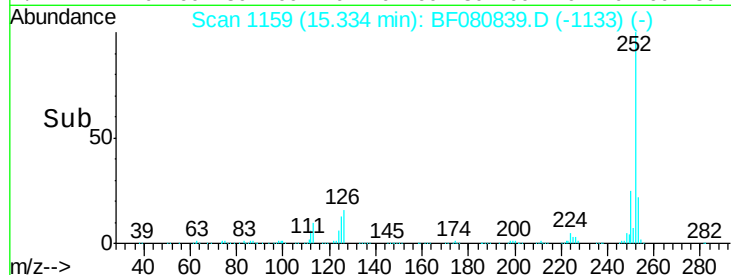
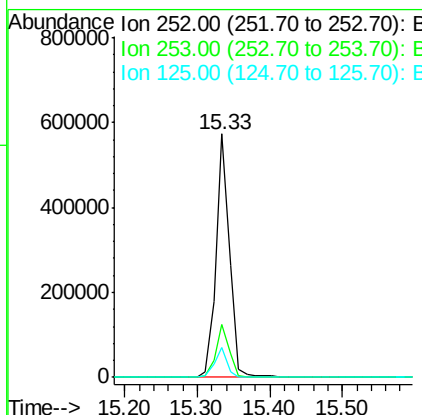
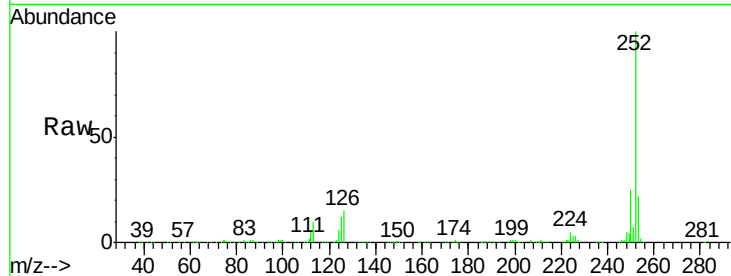




#89
Benzo(a)pyrene
Concen: 38.94 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

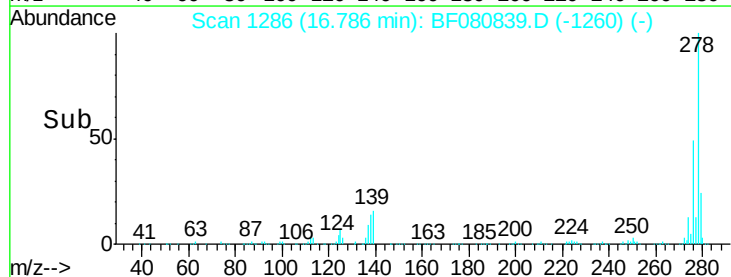
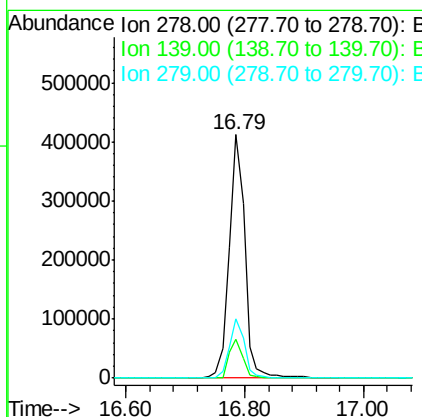
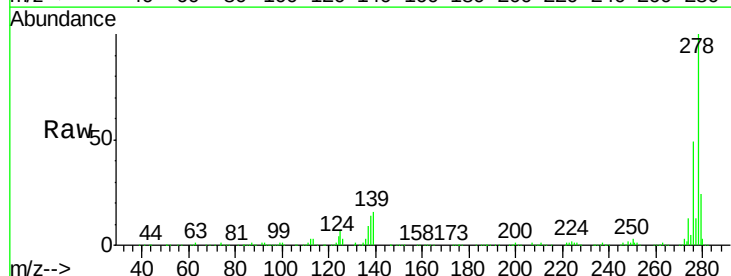
Instrument :
BNA_F
ClientSampleId :

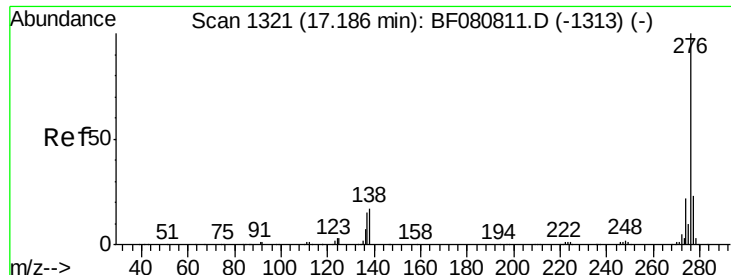
Tgt Ion:252 Resp: 737771
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 12.4 8.9 13.3



#90
Dibenzo(a,h)anthracene
Concen: 40.97 ng
RT: 16.79 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion:278 Resp: 753162
Ion Ratio Lower Upper
278 100
139 15.9 10.7 16.1
279 24.4 19.0 28.4

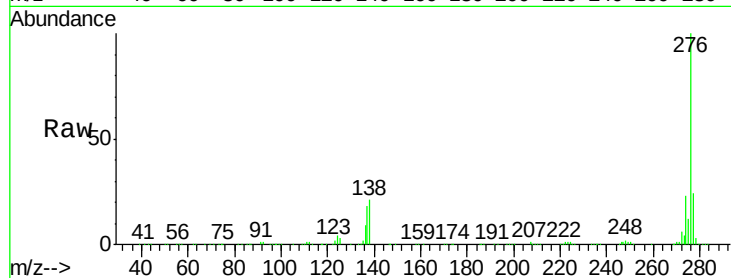




#91
 Benzo(g,h,i)perylene
 Concen: 39.09 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	27.8
138	21.0	13.3	19.9



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

