

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
 Data File : BF079666.D
 Acq On : 3 Jun 2015 17:03
 Operator : TP/IZ
 Sample : PB83713BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

Quant Time: Jun 04 00:51:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 15:20:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	96501	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	361356	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	188663	20.00	ng	0.00
63) Phenanthrene-d10	12.11	188	359102	20.00	ng	-0.02
75) Chrysene-d12	15.18	240	371061	20.00	ng	-0.21
86) Perylene-d12	17.18	264	348772	20.00	ng	-0.31

System Monitoring Compounds

5) 2-Fluorophenol	6.14	112	411276	77.41	ng	0.00
7) Phenol-d6	7.11	99	568407	81.23	ng	0.00
23) Nitrobenzene-d5	8.08	82	498830	80.95	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	120298	77.26	ng	-0.01
44) 2-Fluorobiphenyl	9.88	172	1048586	84.08	ng	0.00
78) Terphenyl-d14	13.84	244	1279131	87.59	ng	-0.11

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	92840	37.72	ng	98
3) Pyridine	4.30	79	291318	41.18	ng	89
4) n-Nitrosodimethylamine	4.23	42	128251	40.67	ng	99
6) Aniline	7.18	93	393502	39.23	ng	99
8) 2-Chlorophenol	7.30	128	251509	40.65	ng	97
9) Benzaldehyde	7.06	77	162931	40.21	ng	99
10) Phenol	7.12	94	302018	40.30	ng	98
11) bis(2-Chloroethyl)ether	7.23	93	237006	39.67	ng	98
12) 1,3-Dichlorobenzene	7.46	146	282908	39.99	ng	99
13) 1,4-Dichlorobenzene	7.54	146	285011	39.40	ng	98
14) 1,2-Dichlorobenzene	7.54	146	285011	43.52	ng	98
15) Benzyl Alcohol	7.63	79	199566	39.17	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.78	45	394957	39.65	ng	99
17) 2-Methylphenol	7.74	107	201573	39.46	ng	98
18) Hexachloroethane	8.04	117	94497	39.90	ng	95
19) n-Nitroso-di-n-propylamine	7.91	70	206821	43.24	ng	97
20) 3+4-Methylphenols	7.88	107	265260	39.21	ng	99
22) Acetophenone	7.92	105	343926	40.67	ng	99
24) Nitrobenzene	8.09	77	253398	41.84	ng	98
25) Isophorone	8.33	82	513208	41.67	ng	100
26) 2-Nitrophenol	8.41	139	85260	42.63	ng	95
27) 2,4-Dimethylphenol	8.43	122	223752	39.69	ng	98
28) bis(2-Chloroethoxy)methane	8.52	93	290729	41.09	ng	99
29) 2,4-Dichlorophenol	8.65	162	212748	42.32	ng	98
30) 1,2,4-Trichlorobenzene	8.75	180	230221	40.64	ng	98
31) Naphthalene	8.83	128	748426	39.62	ng	99
32) Benzoic acid	8.49	122	68758	44.13	ng	# 86
33) 4-Chloroaniline	8.87	127	413775	40.28	ng	98
34) Hexachlorobutadiene	8.95	225	133650	42.09	ng	96
35) Caprolactam	9.20	113	61385	44.35	ng	# 61
36) 4-Chloro-3-methylphenol	9.32	107	203797	39.72	ng	97
37) 2-Methylnaphthalene	9.53	142	516965	41.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.70	216	245423	40.54	ng	98
40) Hexachlorocyclopentadiene	9.69	237	104071	36.05	ng	98

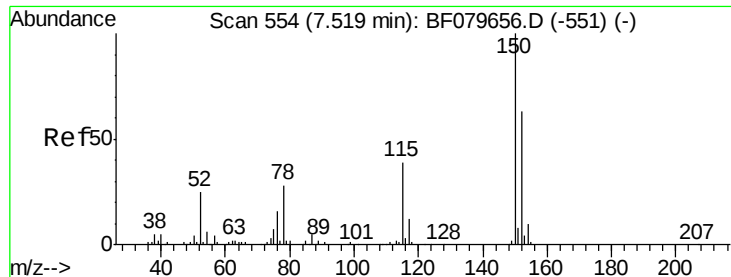
Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
 Data File : BF079666.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	142609	43.31	ng	99
43) 2,4,5-Trichlorophenol	9.84	196	157959	43.31	ng	97
45) 1,1'-Biphenyl	10.00	154	568800	39.10	ng	99
46) 2-Chloronaphthalene	10.02	162	456924	40.09	ng	# 91
47) 2-Nitroaniline	10.10	65	105741	45.05	ng	93
48) Acenaphthylene	10.46	152	764009	40.43	ng	100
49) Dimethylphthalate	10.27	163	544436	39.38	ng	100
50) 2,6-Dinitrotoluene	10.34	165	97017	44.18	ng	92
51) Acenaphthene	10.63	154	456112	39.83	ng	98
52) 3-Nitroaniline	10.51	138	121895	45.00	ng	96
53) 2,4-Dinitrophenol	10.62	184	23951	38.36	ng	# 21
54) Dibenzofuran	10.80	168	667541	40.17	ng	98
55) 4-Nitrophenol	10.65	139	89277	40.86	ng	96
56) 2,4-Dinitrotoluene	10.75	165	111748	41.96	ng	92
57) Fluorene	11.14	166	531401	39.13	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.90	232	111523	44.12	ng	98
59) Diethylphthalate	10.98	149	555953	41.88	ng	98
60) 4-Chlorophenyl-phenylether	11.13	204	250386	40.84	ng	# 90
61) 4-Nitroaniline	11.13	138	119268	44.63	ng	97
62) Azobenzene	11.29	77	485600	39.13	ng	86
64) 4,6-Dinitro-2-methylphenol	11.16	198	40672	40.49	ng	# 74
65) n-Nitrosodiphenylamine	11.23	169	463454	41.10	ng	99
66) 4-Bromophenyl-phenylether	11.62	248	151838	42.14	ng	93
67) Hexachlorobenzene	11.71	284	171386	40.48	ng	# 93
68) Atrazine	11.76	200	132330	45.82	ng	96
69) Pentachlorophenol	11.90	266	76910	49.59	ng	98
70) Phenanthrene	12.14	178	820630	41.33	ng	99
71) Anthracene	12.19	178	806785	40.39	ng	99
72) Carbazole	12.34	167	737646	40.22	ng	97
73) Di-n-butylphthalate	14.40	149	355631	46.52	ng	99
74) Fluoranthene	13.43	202	864192	40.37	ng	98
76) Benzidine	13.54	184	415434	49.22	ng	100
77) Pyrene	13.69	202	885105	41.43	ng	100
79) Butylbenzylphthalate	14.40	149	355631	48.16	ng	95
80) Benzo(a)anthracene	15.15	228	890262	43.87	ng	99
81) 3,3'-Dichlorobenzidine	15.10	252	305204	50.35	ng	99
82) Chrysene	15.21	228	832250	40.77	ng	98
83) Bis(2-ethylhexyl)phthalate	15.12	149	568513	46.78	ng	# 96
84) Di-n-octyl phthalate	15.97	149	938109	51.21	ng	99
85) Indeno(1,2,3-cd)pyrene	19.21	276	950217	47.59	ng	99
87) Benzo(b)fluoranthene	16.63	252	848725	47.09	ng	99
88) Benzo(k)fluoranthene	16.59	252	796047	37.70	ng	99
89) Benzo(a)pyrene	17.10	252	786060	44.60	ng	98
90) Dibenzo(a,h)anthracene	19.25	278	772628	46.79	ng	98
91) Benzo(g,h,i)perylene	19.83	276	766676	43.77	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

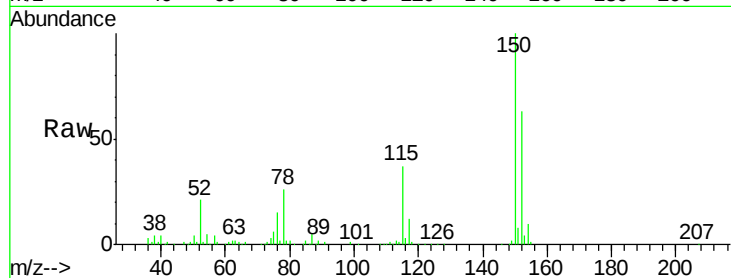
Tgt Ion:152 Resp: 96501

Ion Ratio Lower Upper

152 100

150 158.1 126.7 190.1

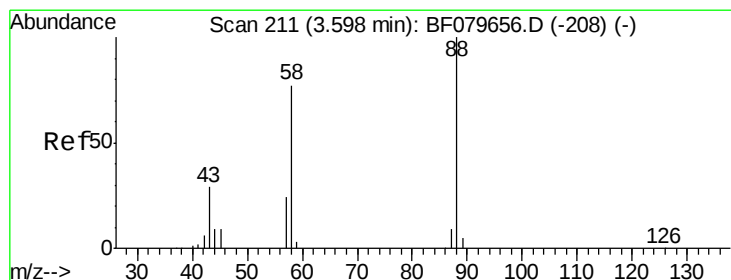
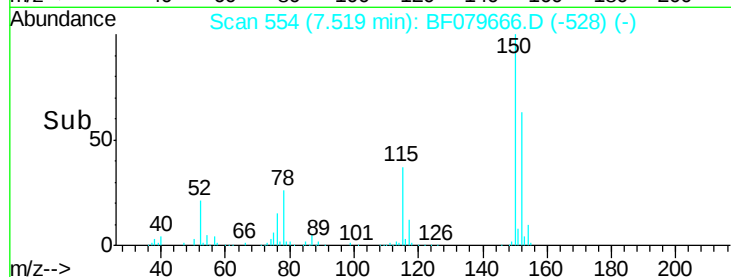
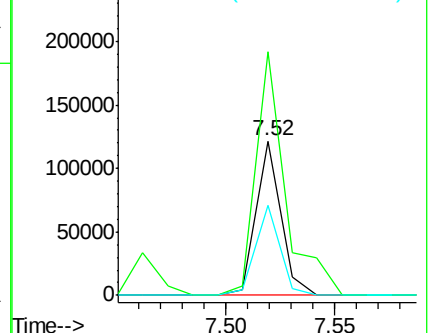
115 58.4 49.2 73.8



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: 37.72 ng

RT: 3.60 min Scan# 211

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

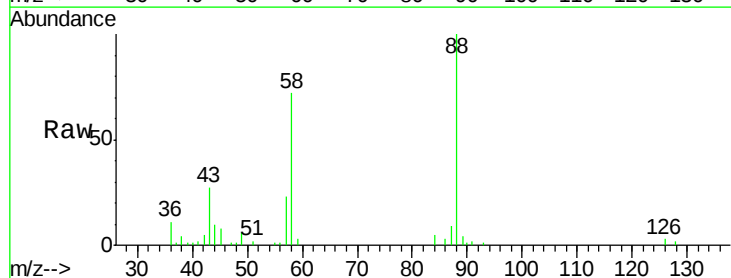
Tgt Ion: 88 Resp: 92840

Ion Ratio Lower Upper

88 100

58 77.9 64.2 96.2

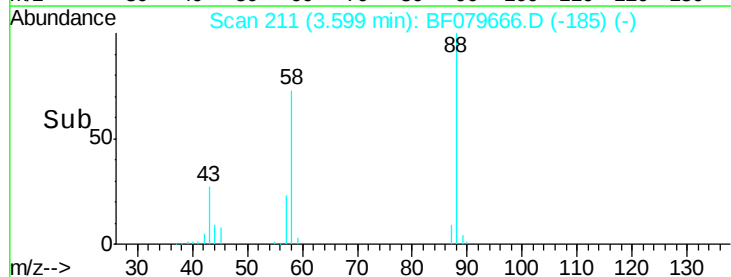
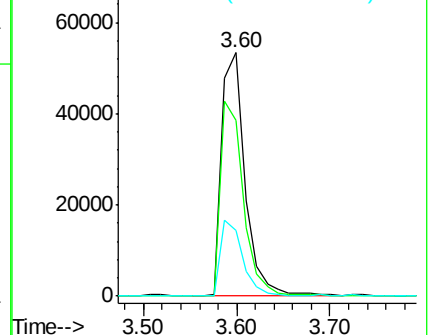
43 29.4 24.4 36.6

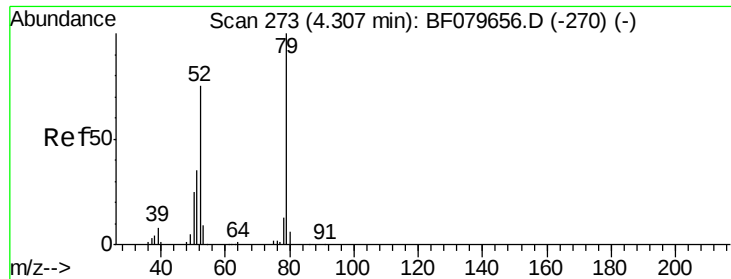


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.18 ng

RT: 4.30 min Scan# 272

Delta R.T. -0.01 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

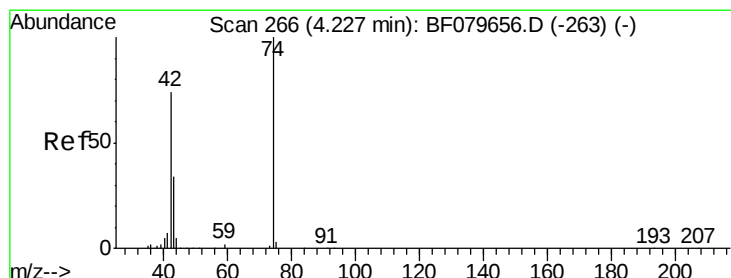
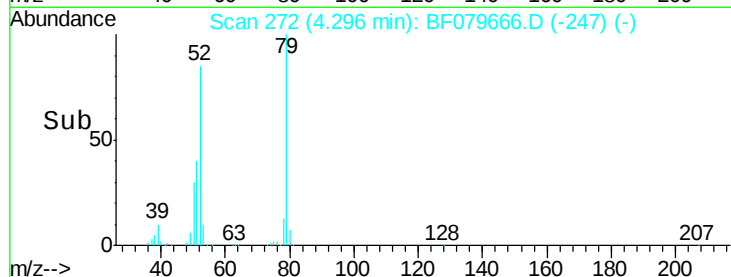
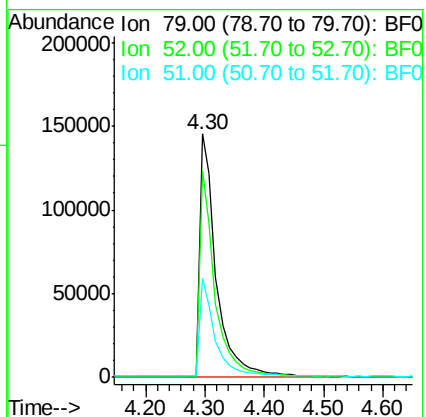
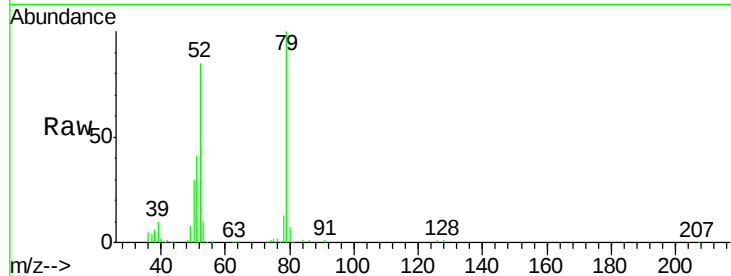
Tgt Ion: 79 Resp: 291318

Ion Ratio Lower Upper

79 100

52 84.7 60.1 90.1

51 40.5 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 40.67 ng

RT: 4.23 min Scan# 266

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

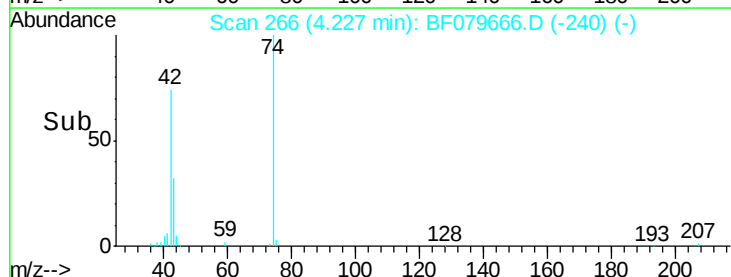
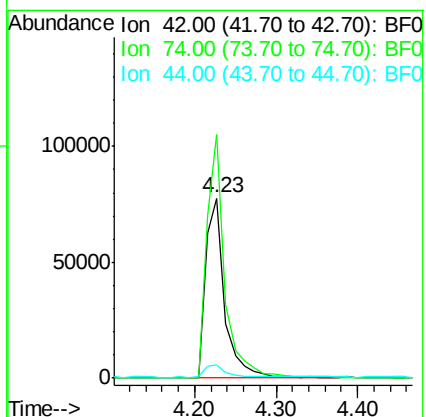
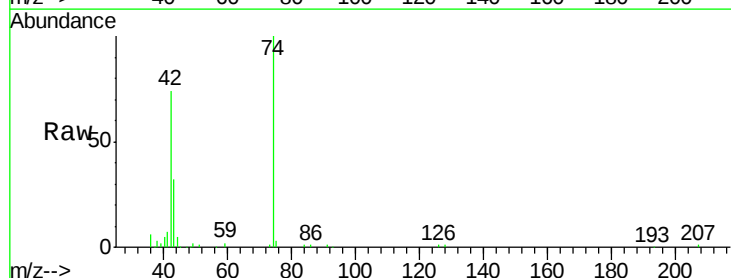
Tgt Ion: 42 Resp: 128251

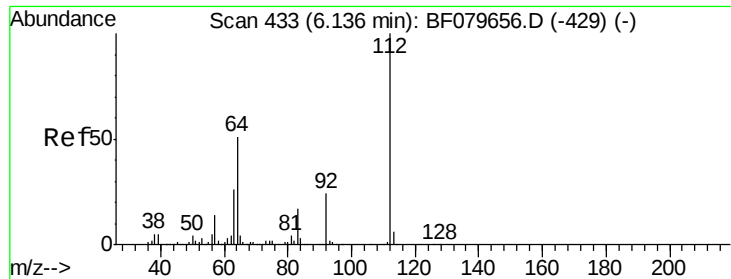
Ion Ratio Lower Upper

42 100

74 135.5 107.5 161.3

44 7.2 6.2 9.2





#5

2-Fluorophenol

Concen: 77.41 ng

RT: 6.14 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

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ClientSampleId :

PB83713BS

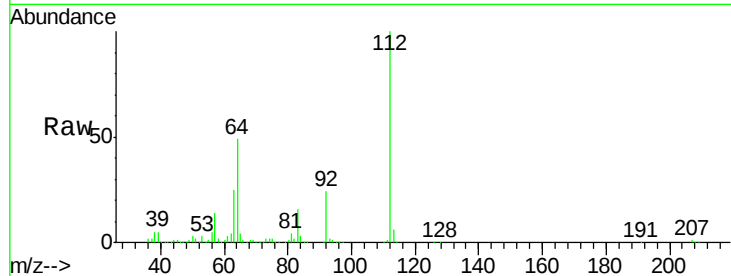
Tgt Ion: 112 Resp: 411276

Ion Ratio Lower Upper

112 100

64 49.1 41.1 61.7

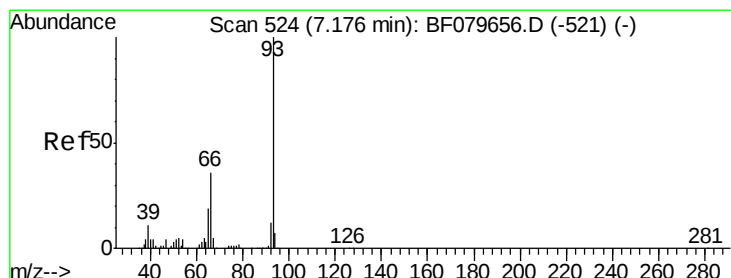
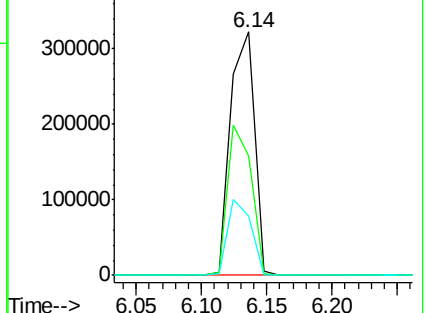
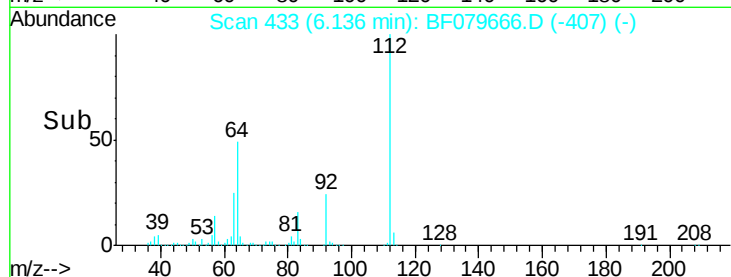
63 24.5 20.5 30.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.23 ng

RT: 7.18 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

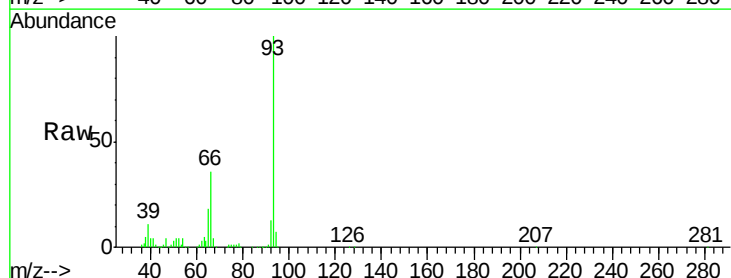
Tgt Ion: 93 Resp: 393502

Ion Ratio Lower Upper

93 100

66 35.8 28.5 42.7

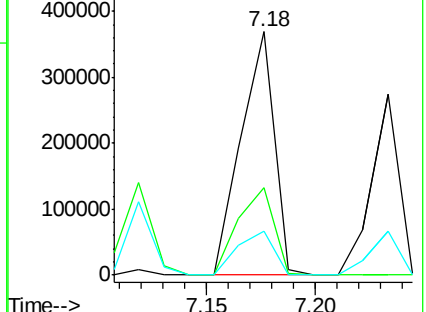
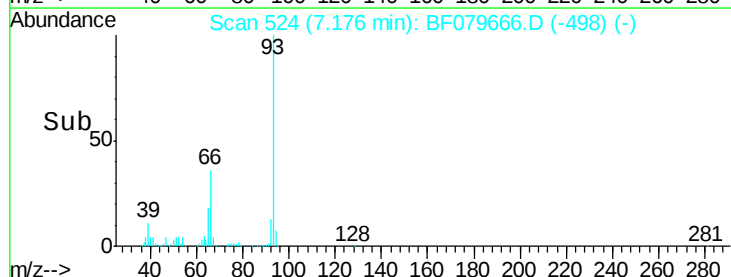
65 18.1 15.0 22.6

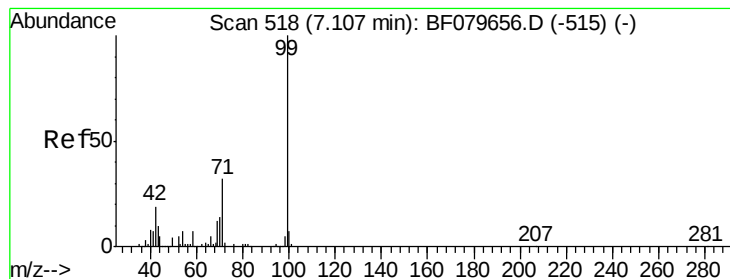


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.23 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079666.D

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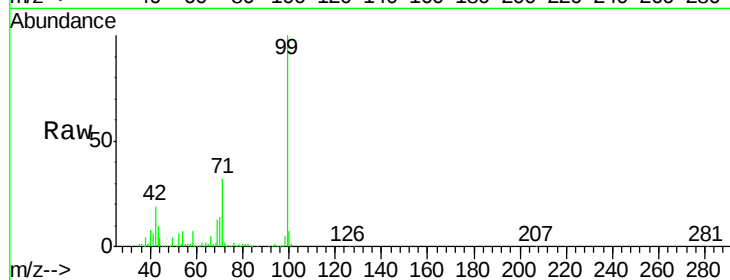
Tgt Ion: 99 Resp: 568407

Ion Ratio Lower Upper

99 100

42 19.0 15.2 22.8

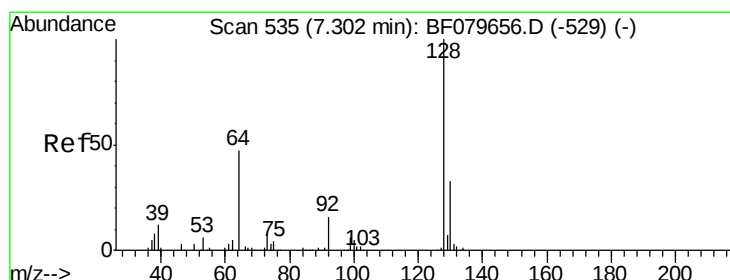
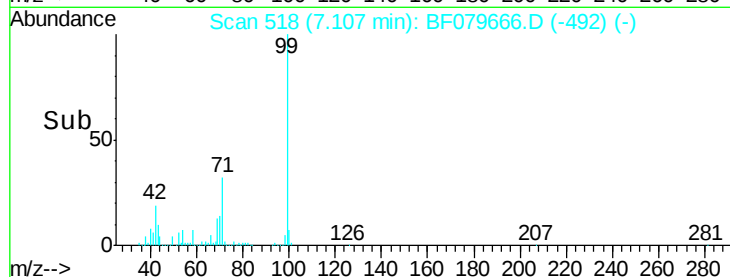
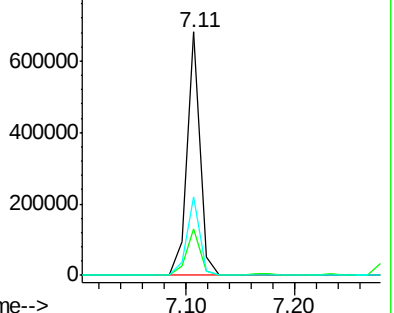
71 32.5 25.9 38.9



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: 40.65 ng

RT: 7.30 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

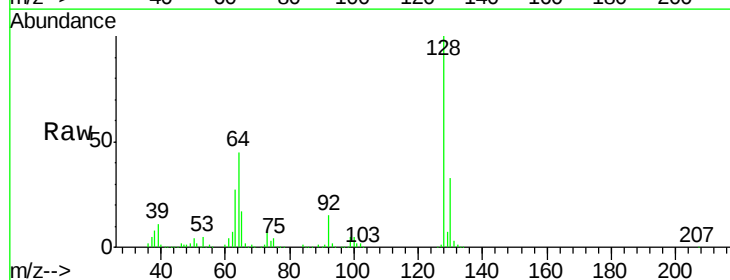
Tgt Ion: 128 Resp: 251509

Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

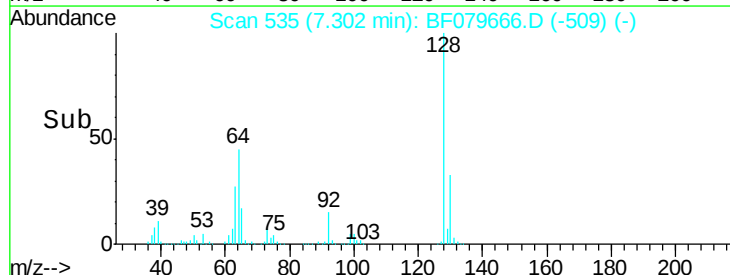
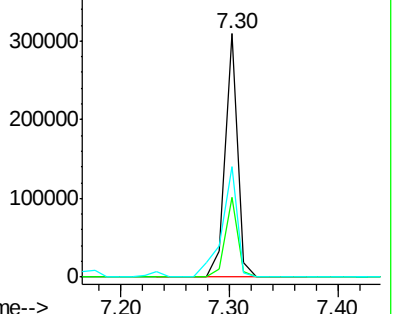
64 45.4 29.0 69.0

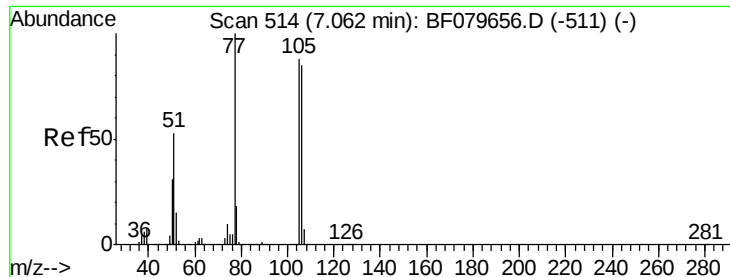


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.21 ng

RT: 7.06 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

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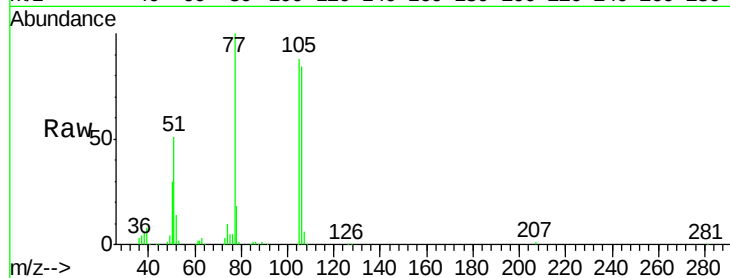
Tgt Ion: 77 Resp: 162931

Ion Ratio Lower Upper

77 100

105 88.5 68.2 108.2

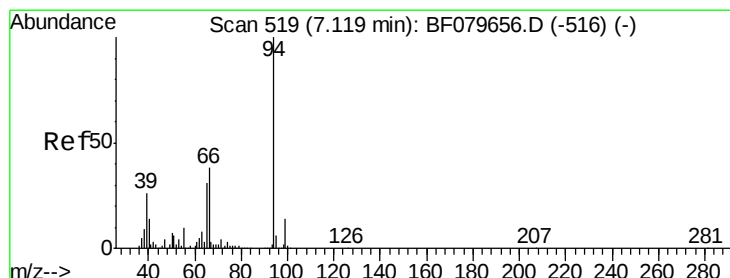
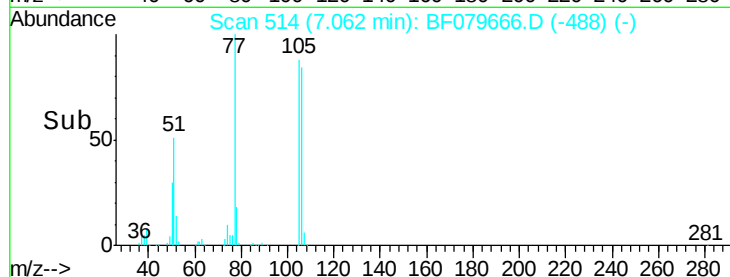
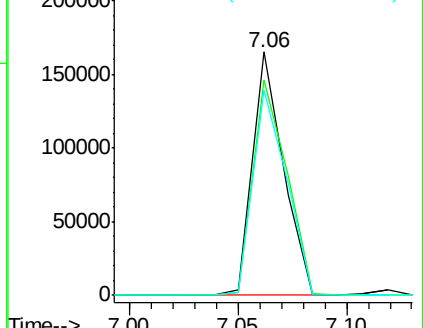
106 84.2 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.30 ng

RT: 7.12 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

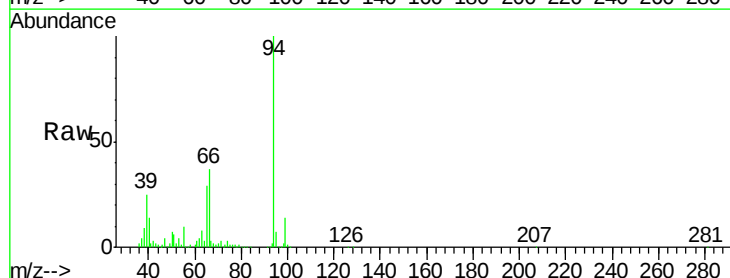
Tgt Ion: 94 Resp: 302018

Ion Ratio Lower Upper

94 100

65 29.3 10.9 50.9

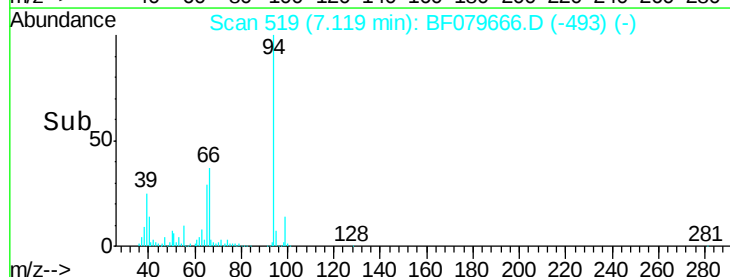
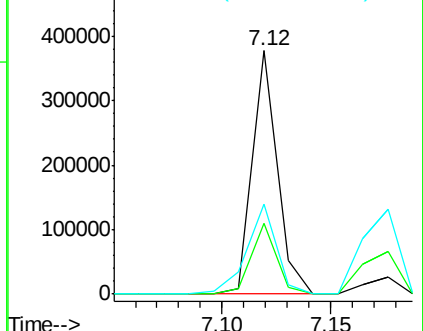
66 37.1 18.1 58.1

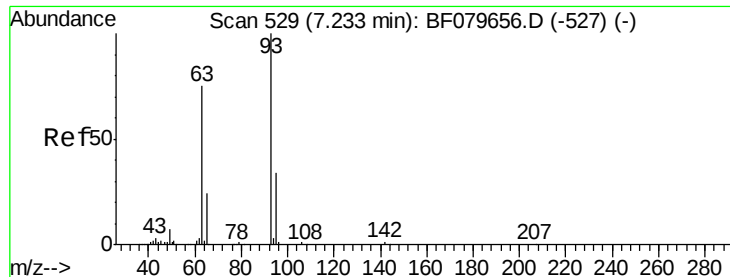


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

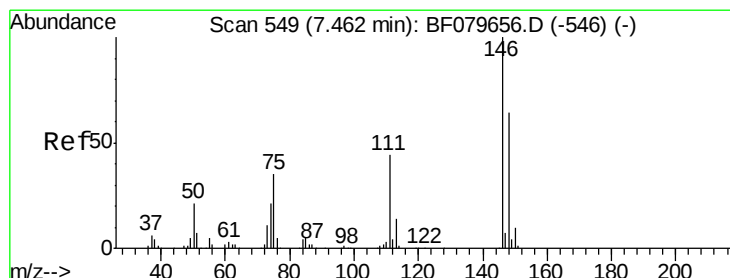
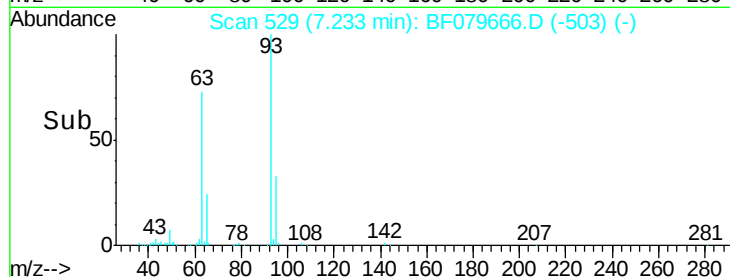
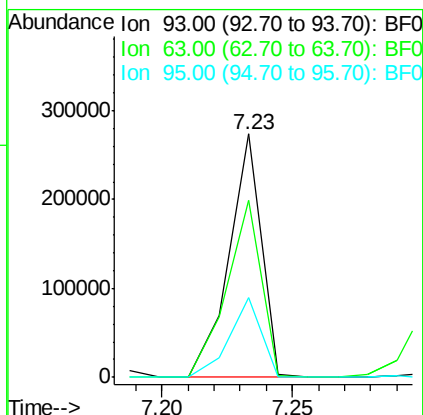
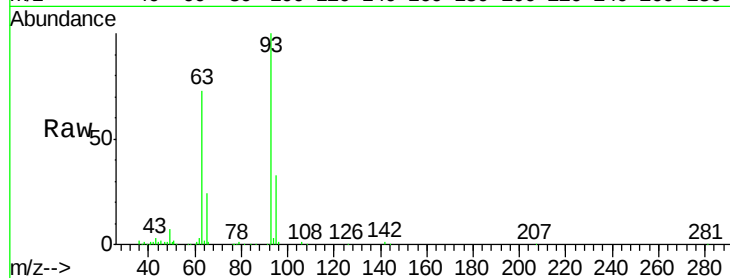




#11
bis(2-Chloroethyl)ether
Concen: 39.67 ng
RT: 7.23 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

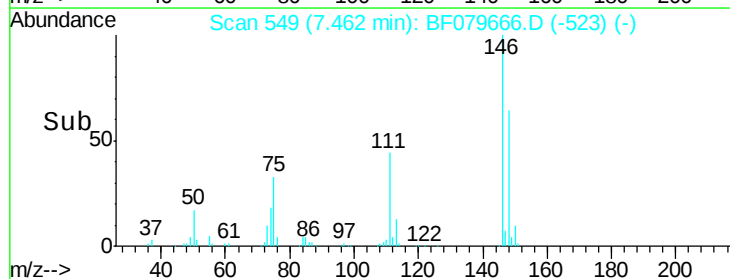
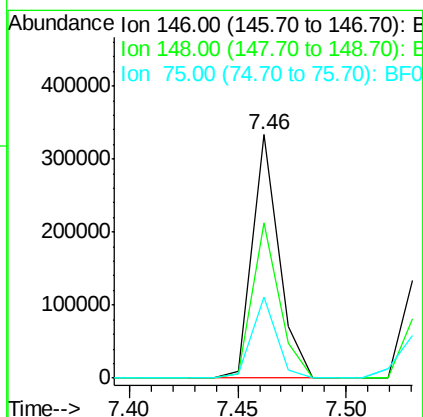
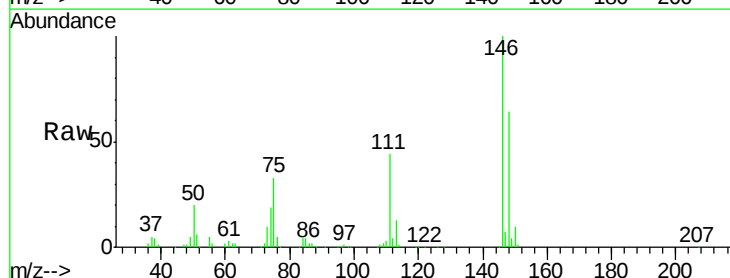
Instrument :
BNA_F
ClientSampleId :
PB83713BS

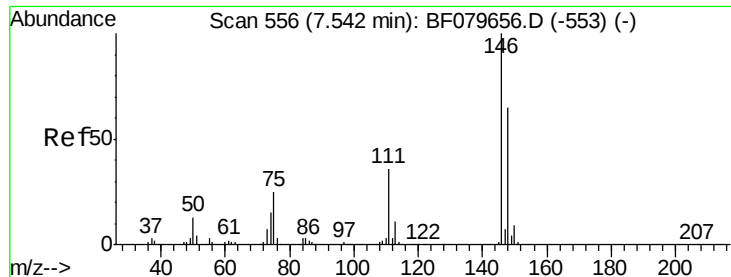
Tgt Ion: 93 Resp: 237006
Ion Ratio Lower Upper
93 100
63 72.8 54.7 94.7
95 32.8 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.99 ng
RT: 7.46 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion: 146 Resp: 282908
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
75 33.5 28.2 42.4

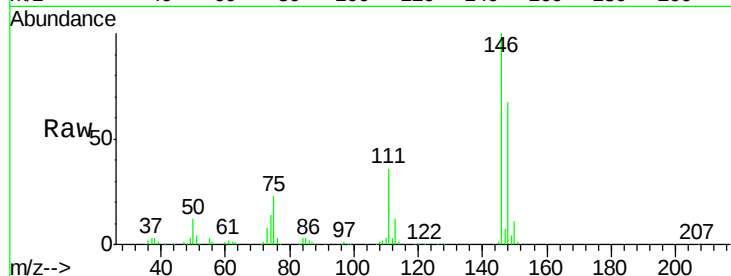




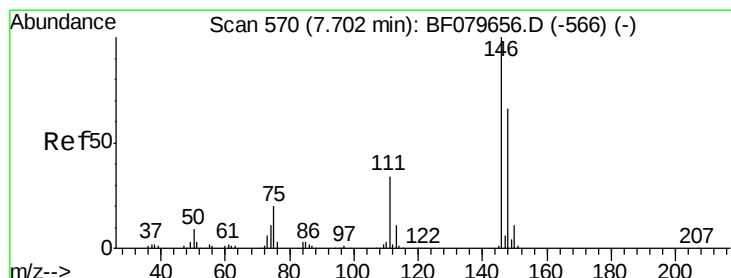
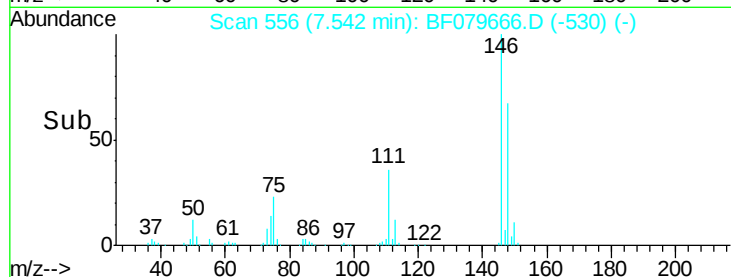
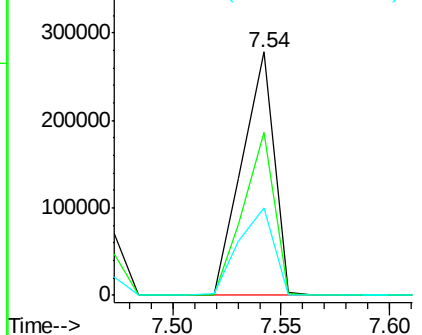
#13
 1,4-Dichlorobenzene
 Concen: 39.40 ng
 RT: 7.54 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

Tgt Ion:146 Resp: 285011
 Ion Ratio Lower Upper
 146 100
 148 66.9 52.1 78.1
 111 35.7 29.1 43.7

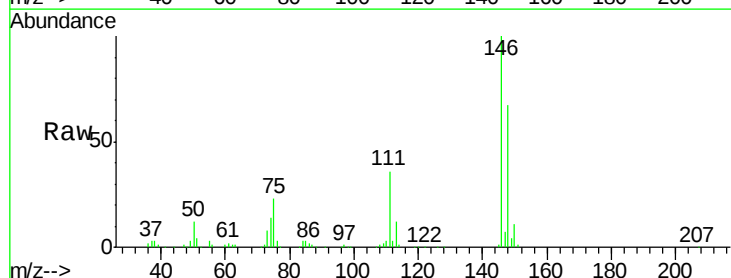


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

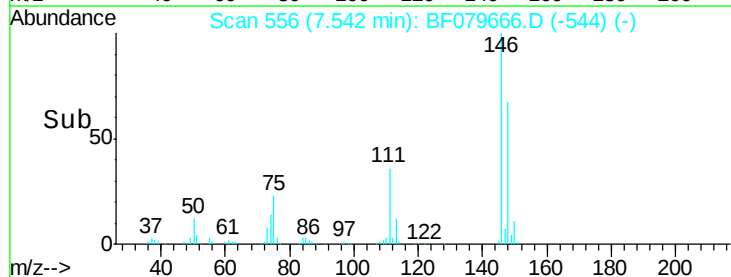
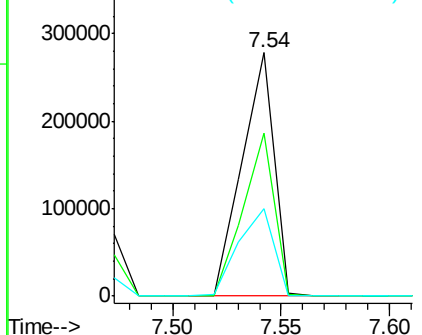


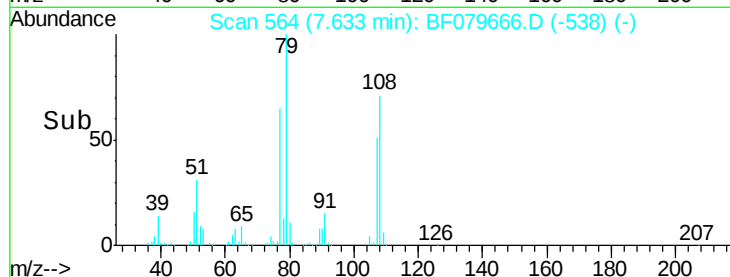
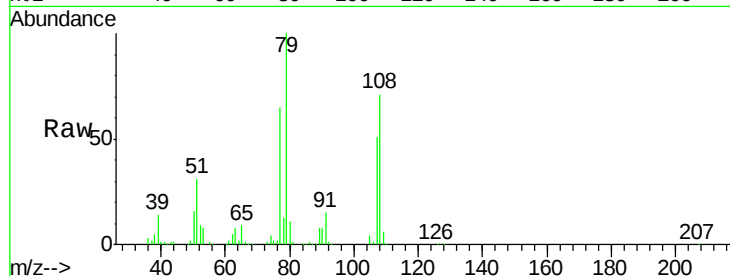
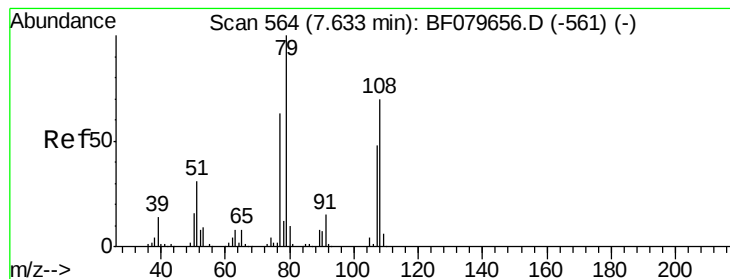
#14
 1,2-Dichlorobenzene
 Concen: 43.52 ng
 RT: 7.54 min Scan# 556
 Delta R.T. -0.16 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion:146 Resp: 285011
 Ion Ratio Lower Upper
 146 100
 148 66.9 52.6 79.0
 111 35.7 27.3 40.9



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





#15

Benzyl Alcohol

Concen: 39.17 ng

RT: 7.63 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

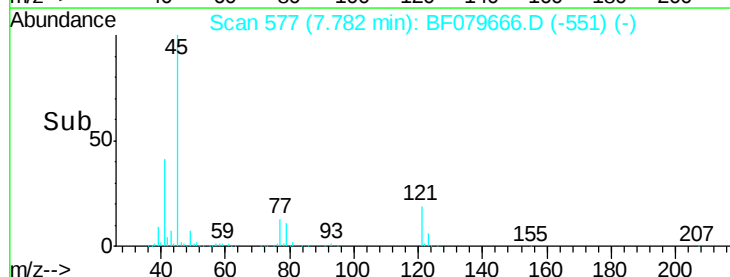
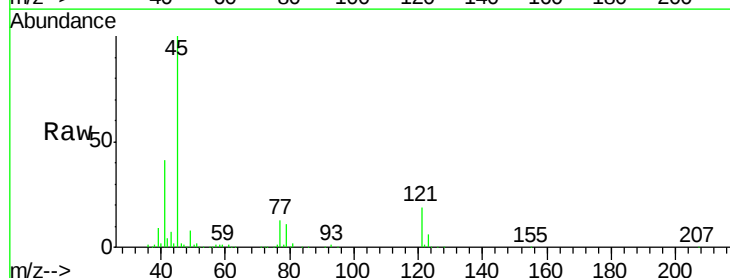
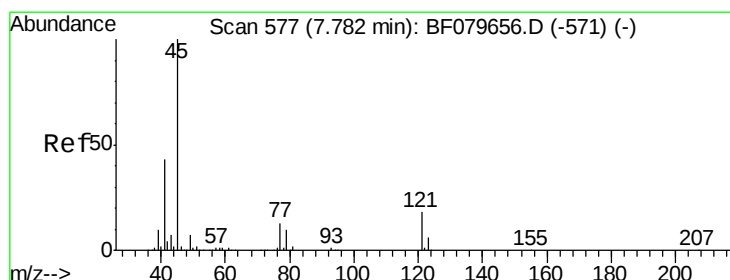
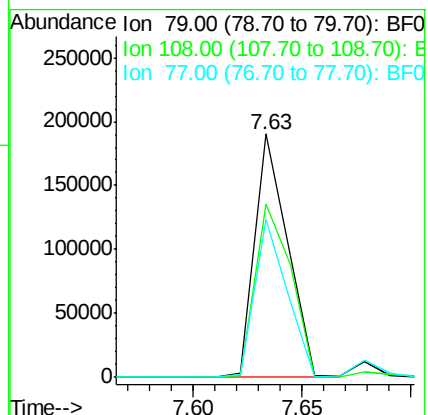
Tgt Ion: 79 Resp: 199566

Ion Ratio Lower Upper

79 100

108 71.3 56.2 84.4

77 64.7 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.65 ng

RT: 7.78 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

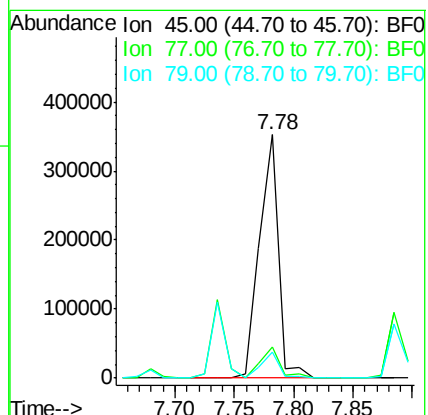
Tgt Ion: 45 Resp: 394957

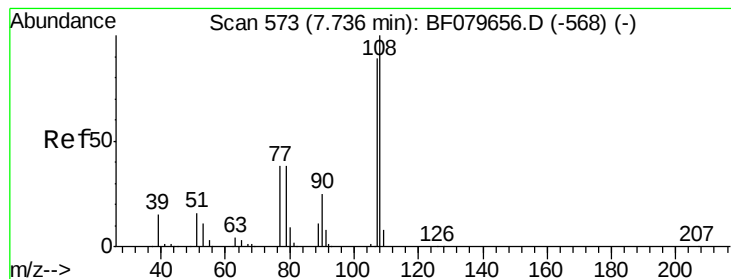
Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.9

79 10.6 0.0 29.8





#17

2-Methylphenol

Concen: 39.46 ng

RT: 7.74 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

Tgt Ion:107 Resp: 201573

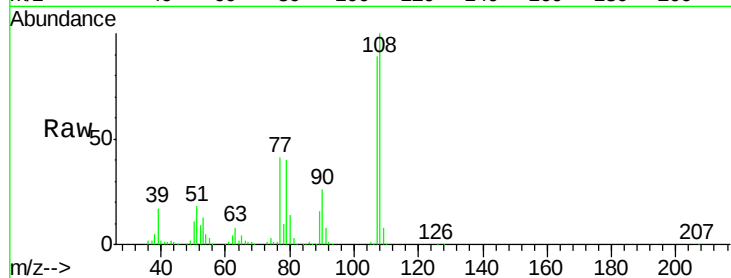
Ion Ratio Lower Upper

107 100

108 112.9 90.9 136.3

77 46.8 38.6 57.8

79 45.3 38.0 57.0



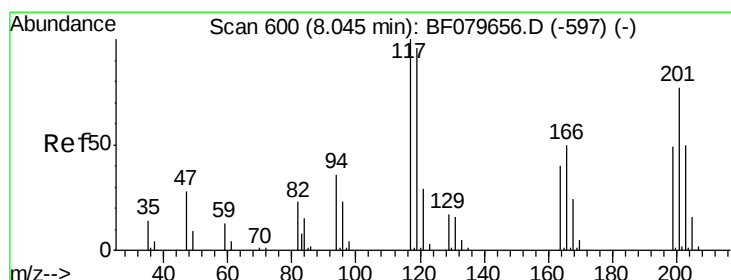
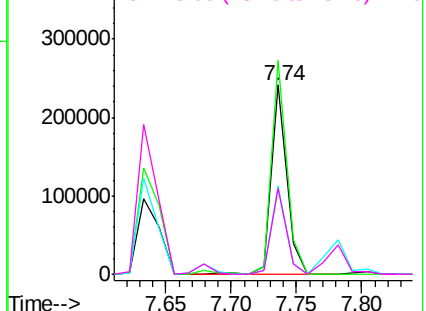
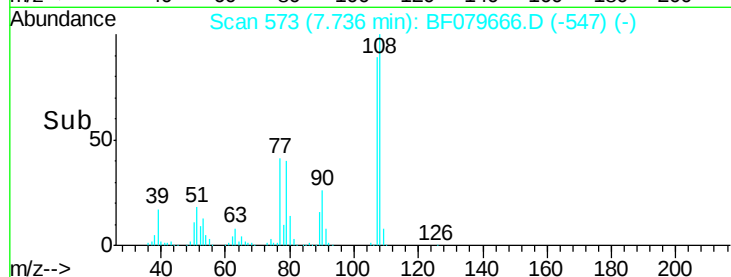
Abundance

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: 39.90 ng

RT: 8.04 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

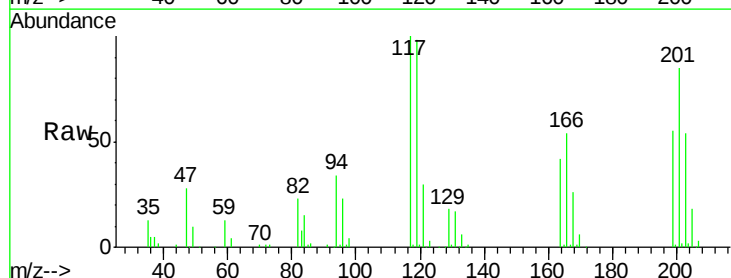
Tgt Ion:117 Resp: 94497

Ion Ratio Lower Upper

117 100

119 97.8 76.7 115.1

201 85.4 61.7 92.5

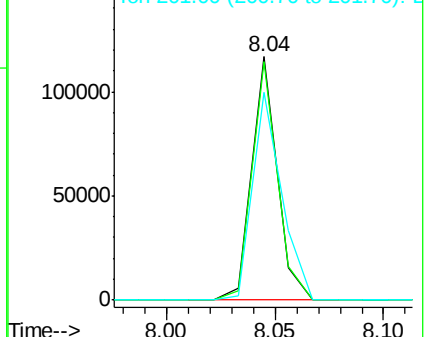
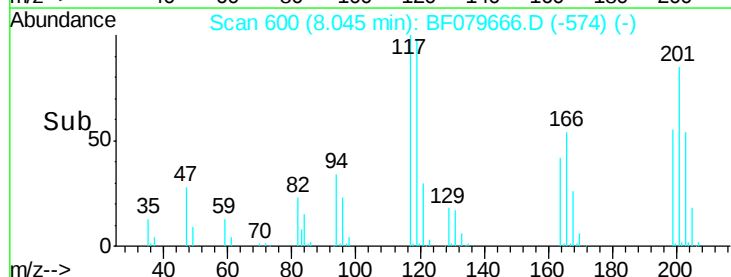


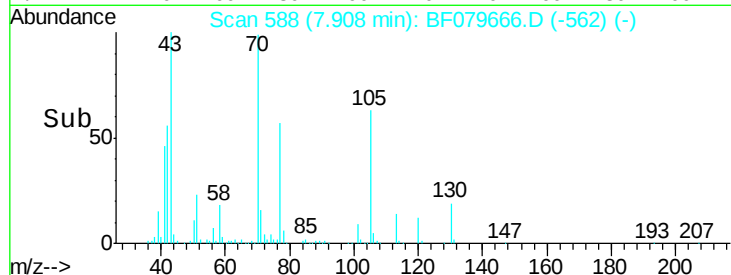
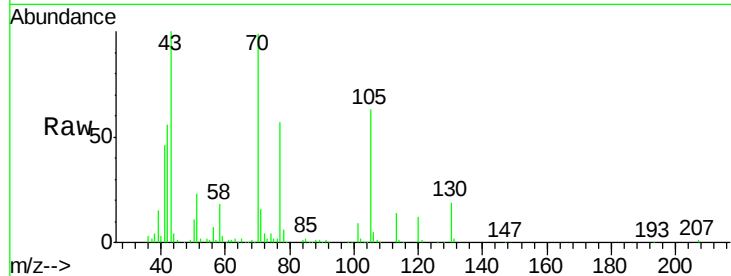
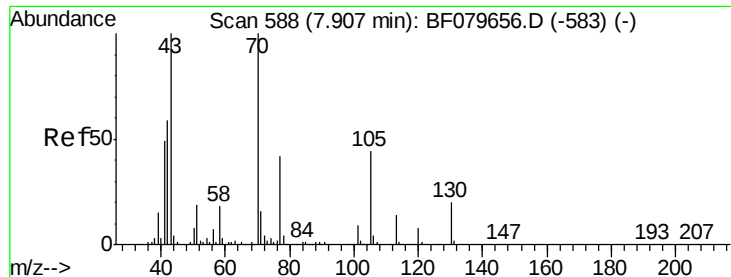
Abundance

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

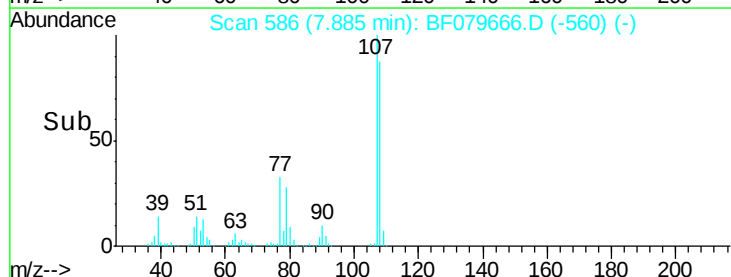
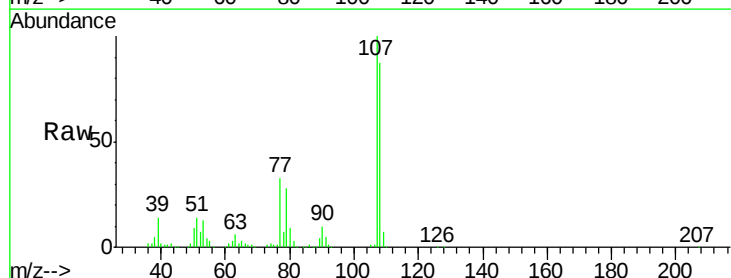
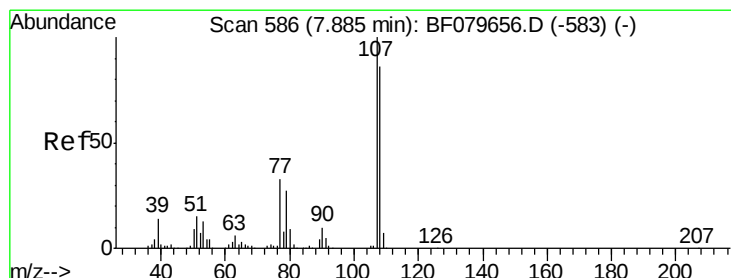
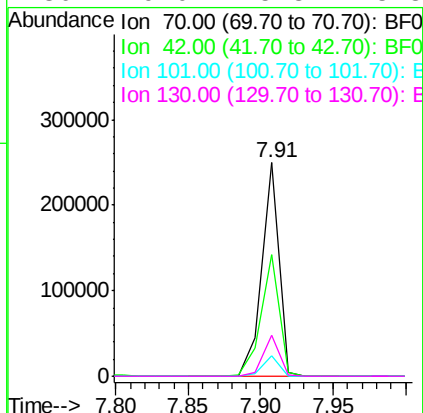




#19
n-Nitroso-di-n-propylamine
Concen: 43.24 ng
RT: 7.91 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

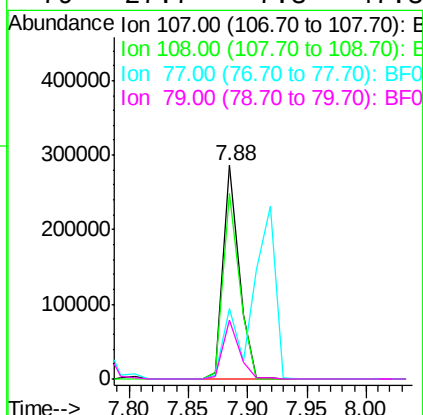
Instrument :
BNA_F
ClientSampleId :
PB83713BS

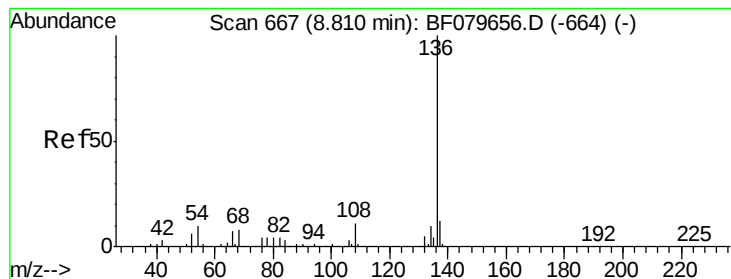
Tgt Ion: 70 Resp: 206821
Ion Ratio Lower Upper
70 100
42 57.0 47.7 71.5
101 9.6 7.4 11.0
130 19.0 15.8 23.8



#20
3+4-Methylphenols
Concen: 39.21 ng
RT: 7.88 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion: 107 Resp: 265260
Ion Ratio Lower Upper
107 100
108 86.8 66.2 106.2
77 32.9 12.9 52.9
79 27.7 7.3 47.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

Tgt Ion:136 Resp: 361356

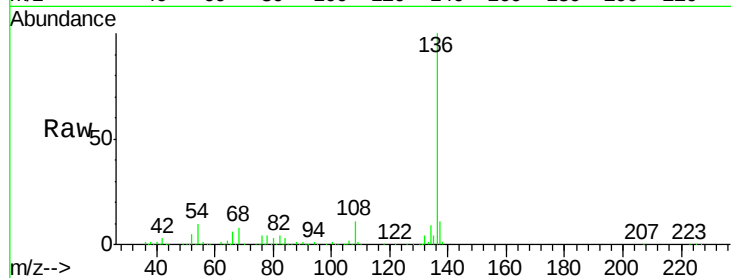
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 10.2 8.3 12.5

68 7.6 6.1 9.1

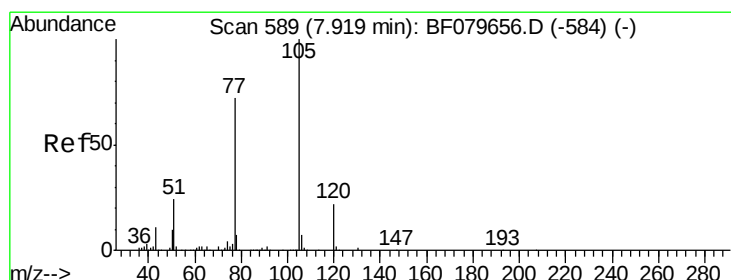
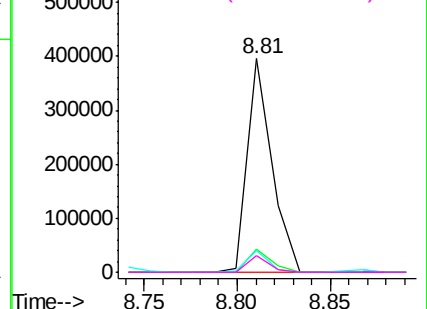
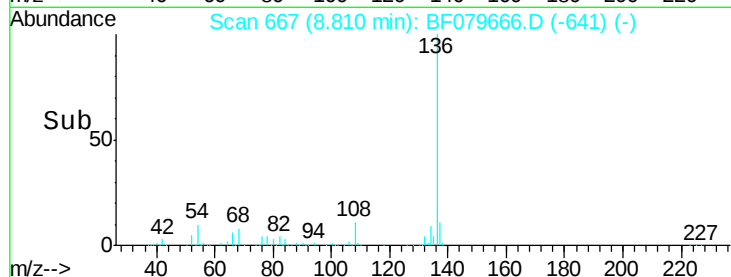


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.67 ng

RT: 7.92 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion:105 Resp: 343926

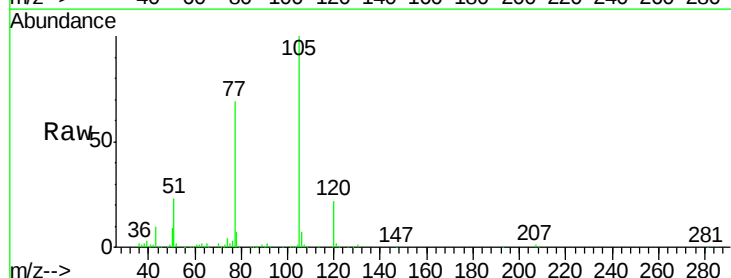
Ion Ratio Lower Upper

105 100

71 0.2 0.2 0.4

51 22.8 19.2 28.8

120 22.2 17.6 26.4

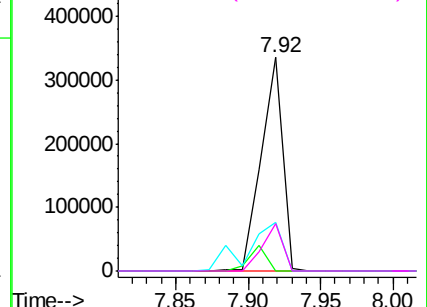
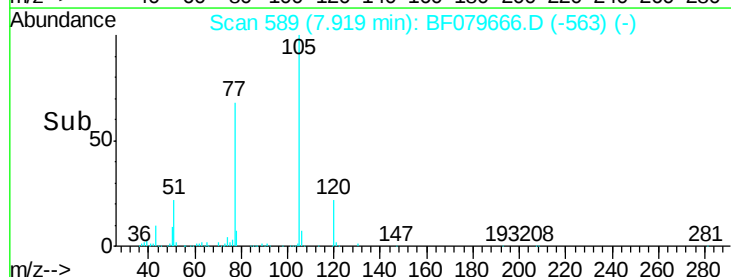


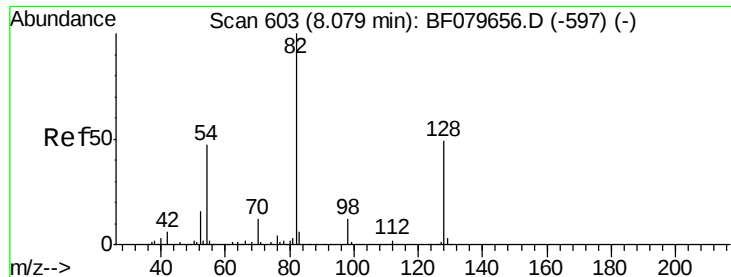
Abundance Ion 105.00 (104.70 to 105.70): E

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

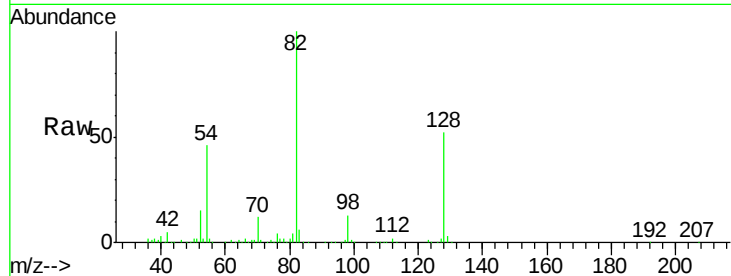




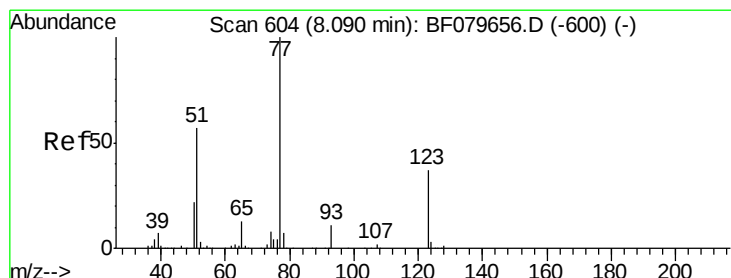
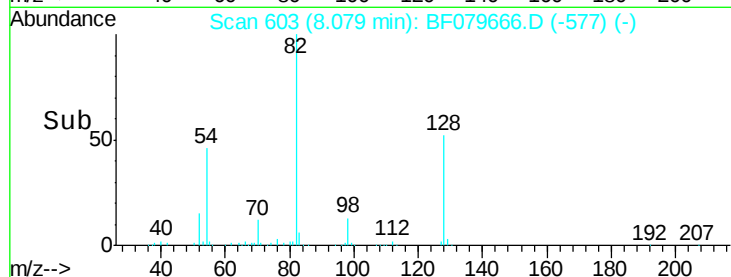
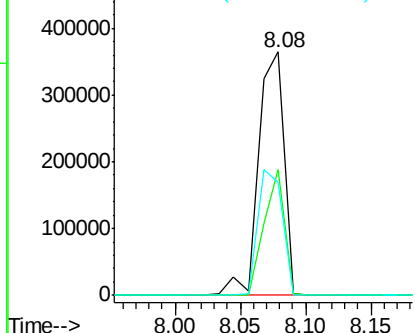
#23
 Nitrobenzene-d5
 Concen: 80.95 ng
 RT: 8.08 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.9	39.4	59.0
54	46.4	37.4	56.0

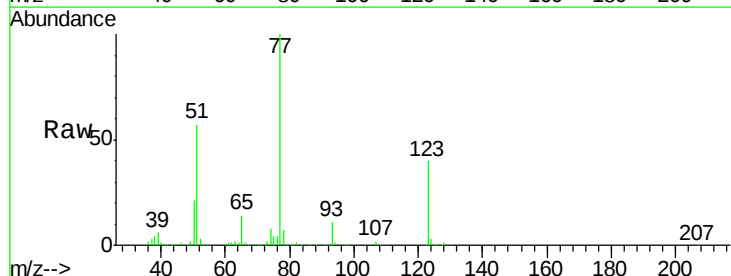


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

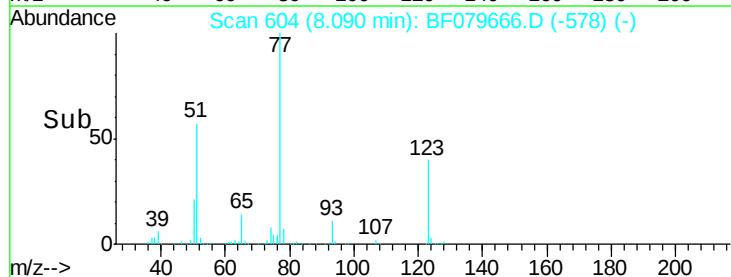
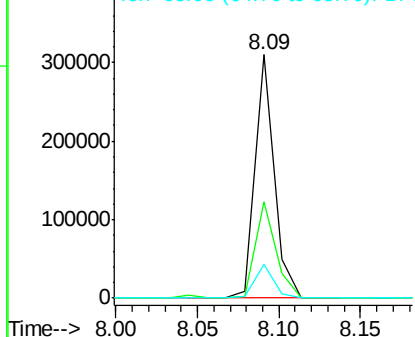


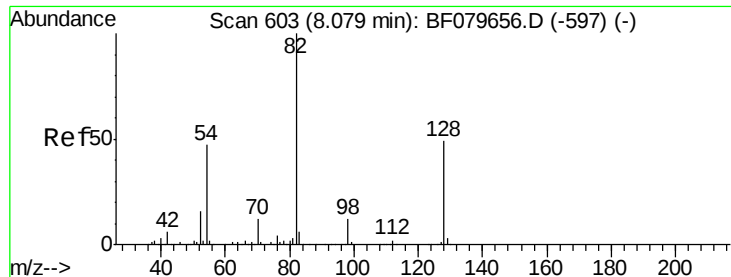
#24
 Nitrobenzene
 Concen: 41.84 ng
 RT: 8.09 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.8	30.6	45.8
65	13.9	10.5	15.7



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





#25

Isophorone

Concen: 41.67 ng

RT: 8.33 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

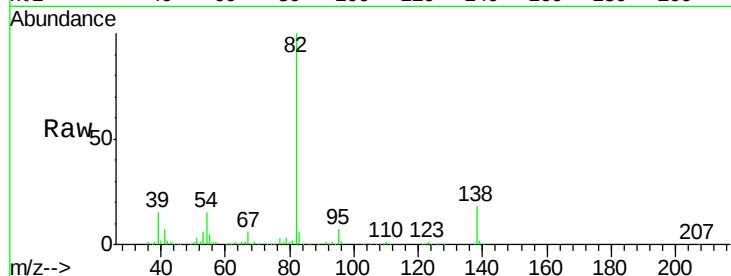
Tgt Ion: 82 Resp: 513208

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

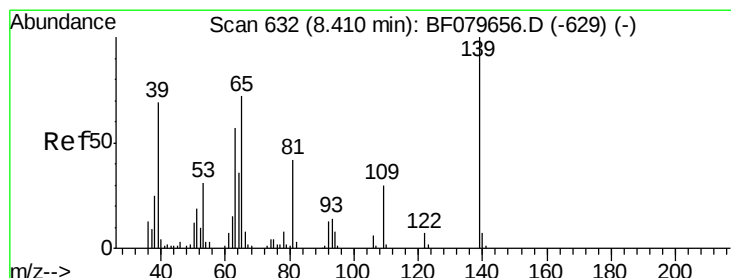
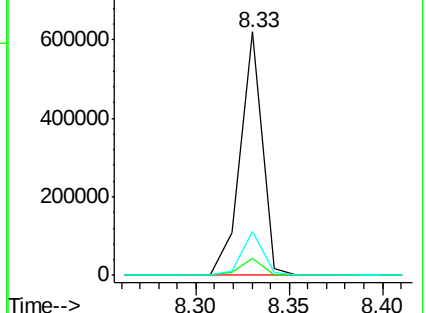
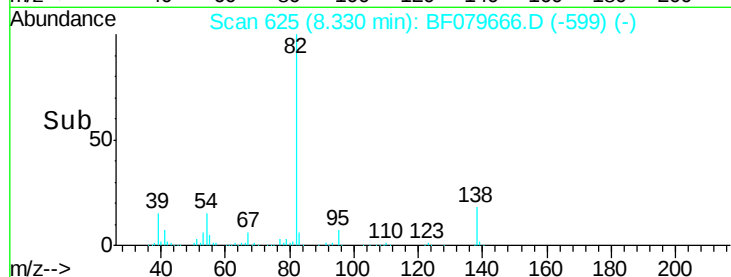
138 18.3 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.63 ng

RT: 8.41 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

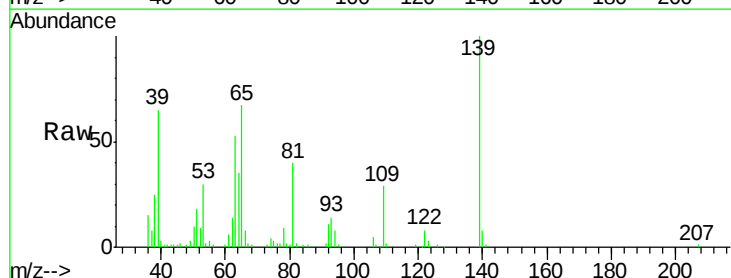
Tgt Ion: 139 Resp: 85260

Ion Ratio Lower Upper

139 100

109 28.9 23.6 35.4

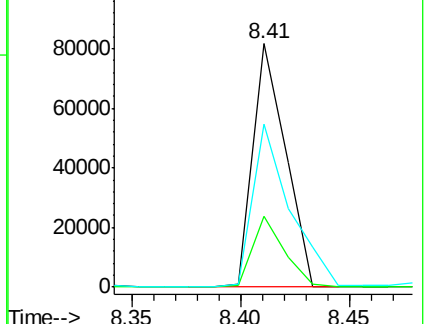
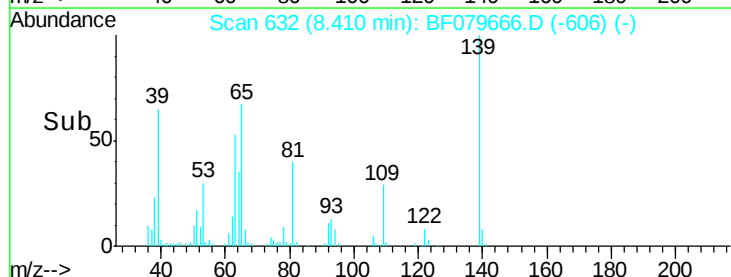
65 66.7 57.4 86.0

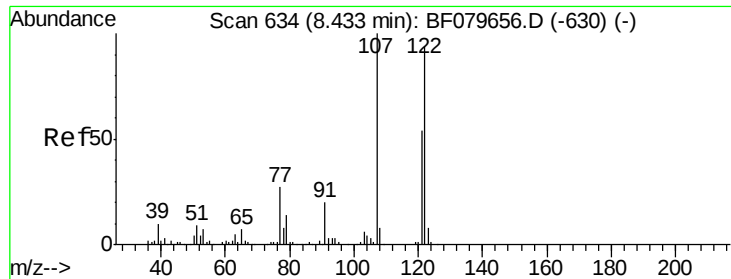


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

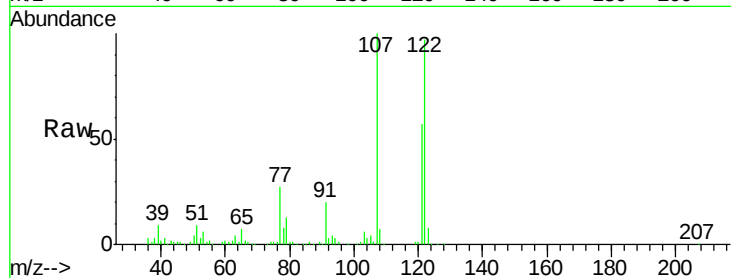




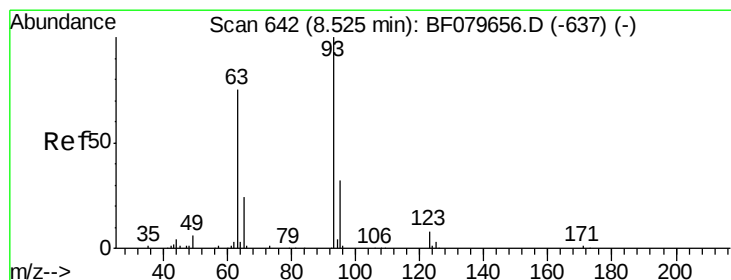
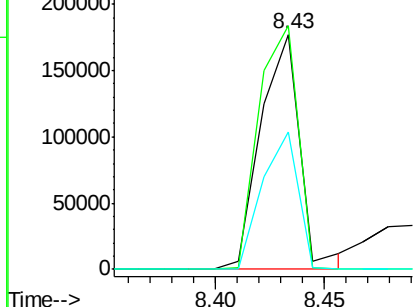
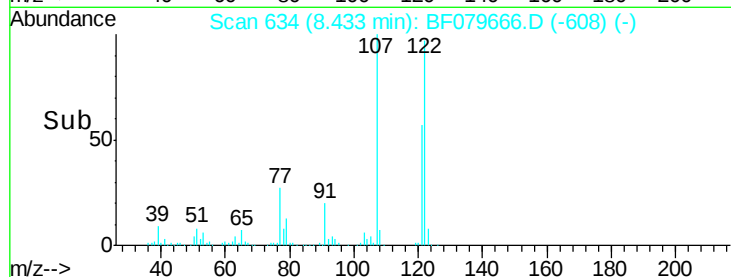
#27
 2,4-Dimethylphenol
 Concen: 39.69 ng
 RT: 8.43 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	103.6	85.0	127.6
121	58.6	46.3	69.5

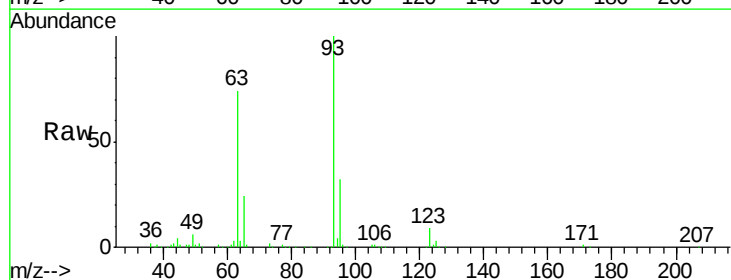


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

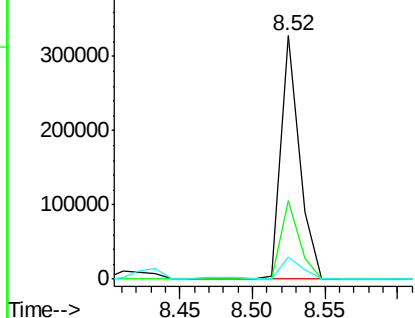
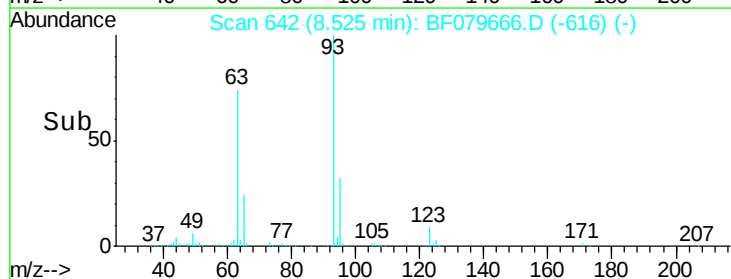


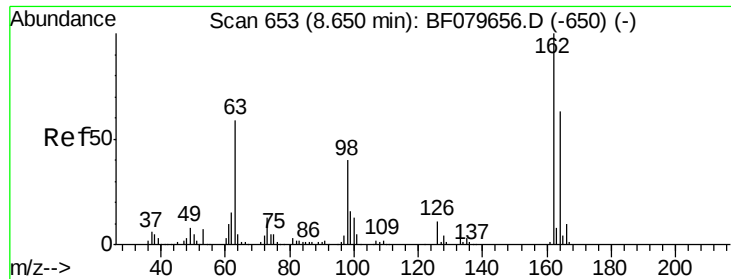
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.09 ng
 RT: 8.52 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.6
123	9.1	6.8	10.2



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

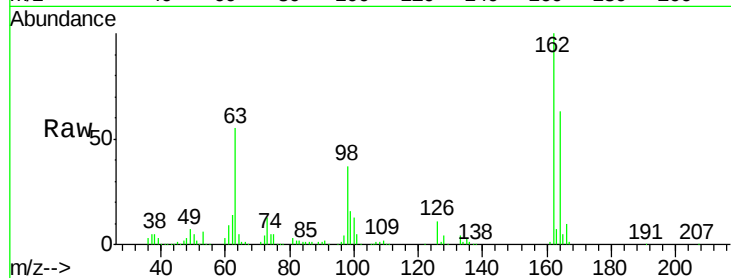




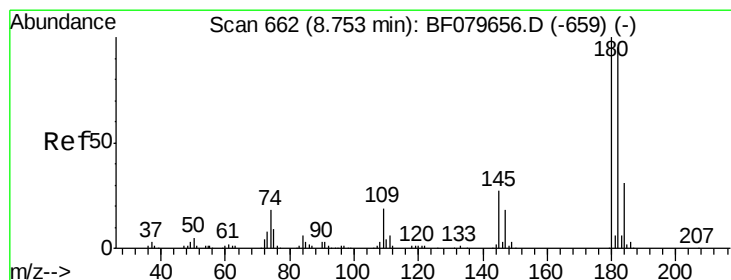
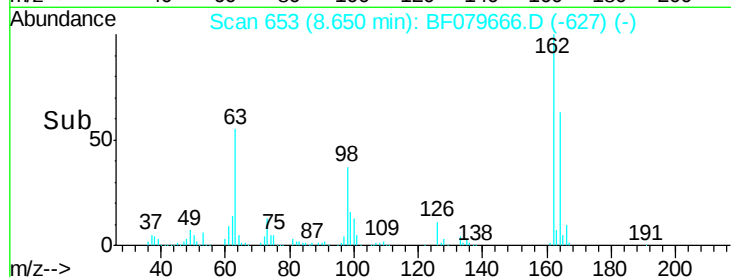
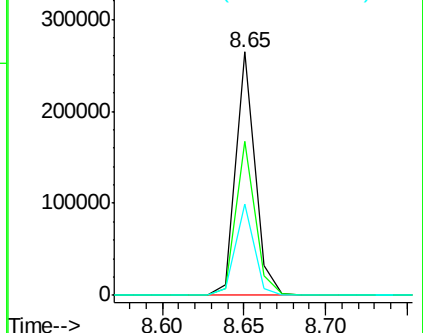
#29
 2,4-Dichlorophenol
 Concen: 42.32 ng
 RT: 8.65 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

Tgt Ion:162 Resp: 212748
 Ion Ratio Lower Upper
 162 100
 164 63.3 43.0 83.0
 98 37.4 19.8 59.8

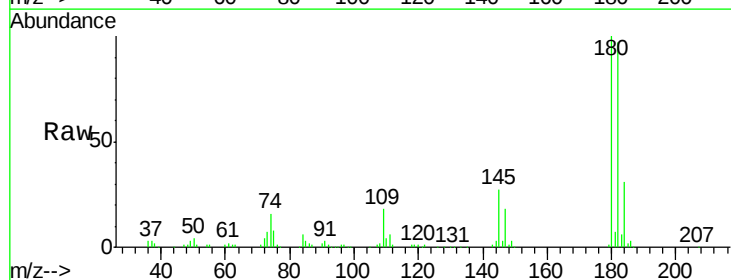


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

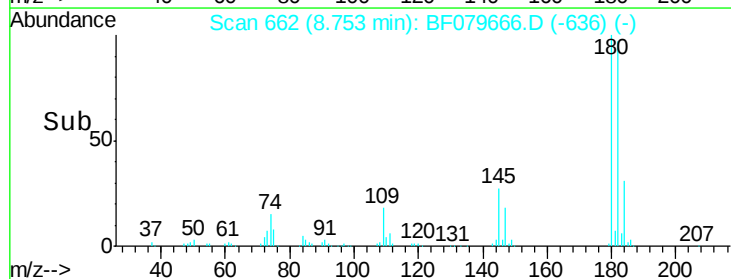
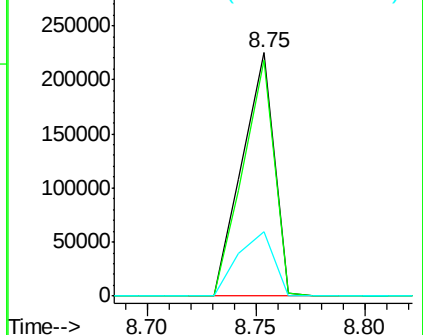


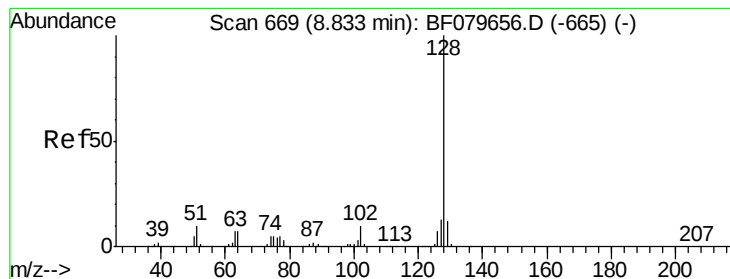
#30
 1,2,4-Trichlorobenzene
 Concen: 40.64 ng
 RT: 8.75 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion:180 Resp: 230221
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.1 114.1
 145 26.5 21.8 32.8



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: 39.62 ng

RT: 8.83 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

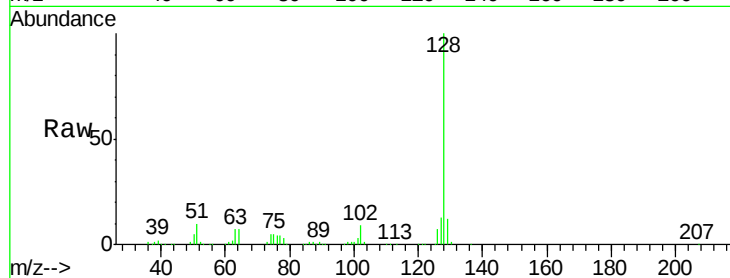
Tgt Ion:128 Resp: 748426

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

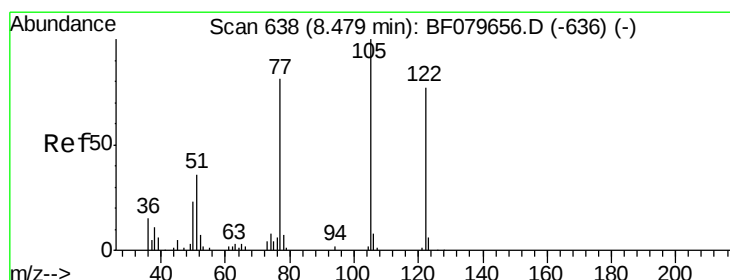
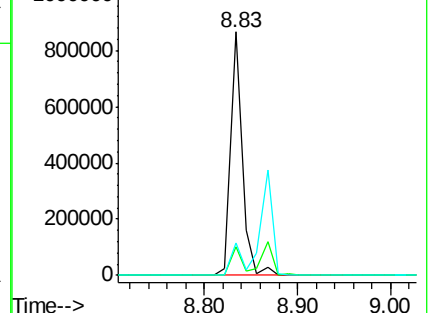
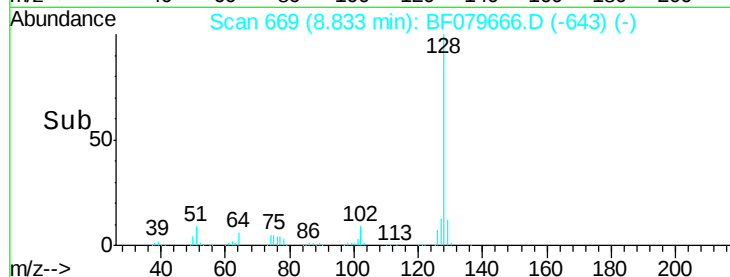
127 13.5 10.4 15.6



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: 44.13 ng

RT: 8.49 min Scan# 639

Delta R.T. 0.01 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

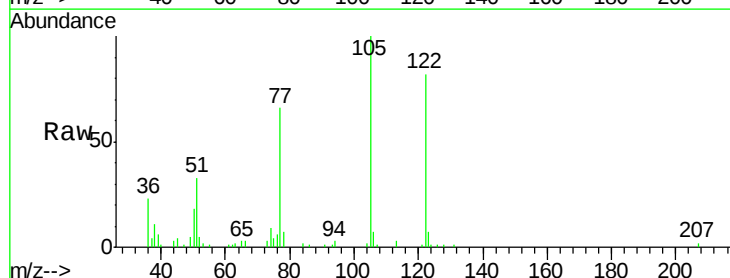
Tgt Ion:122 Resp: 68758

Ion Ratio Lower Upper

122 100

105 122.1 109.7 149.7

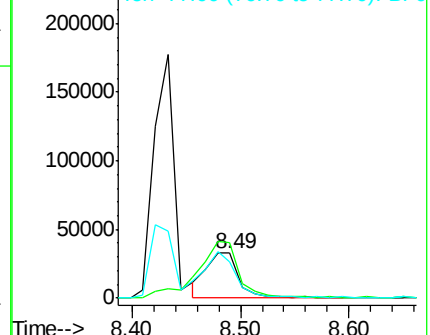
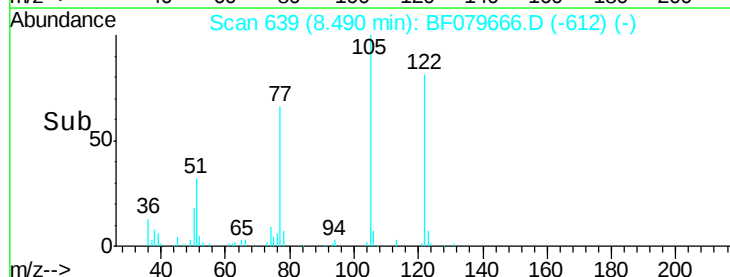
77 81.1 86.1 126.1#

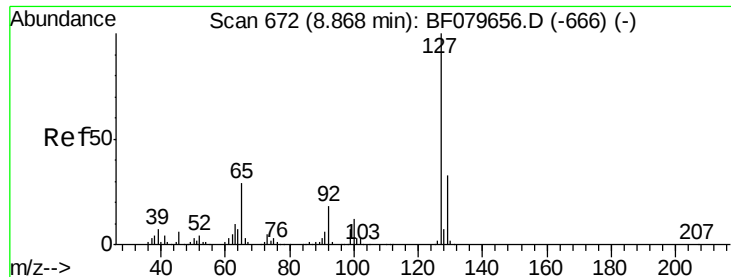


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

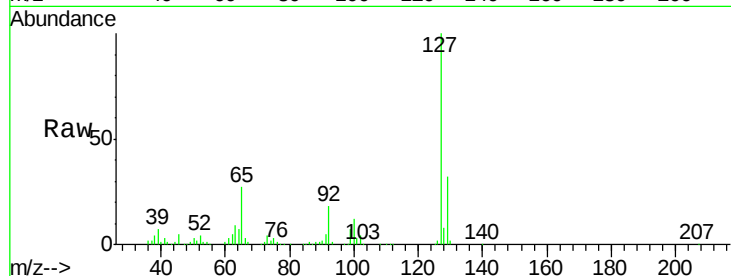




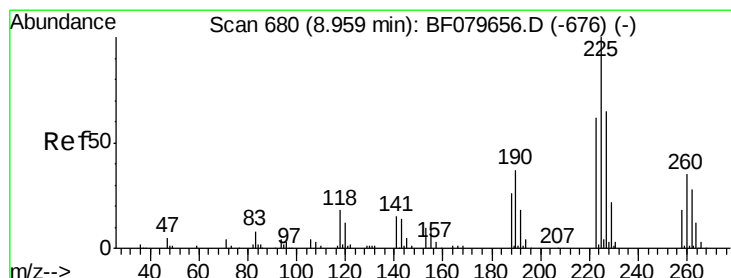
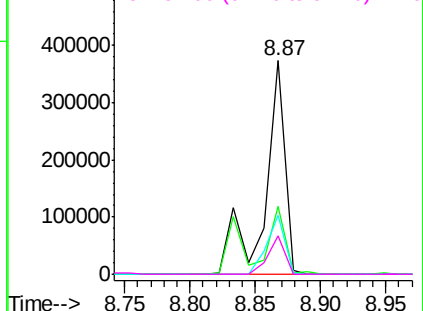
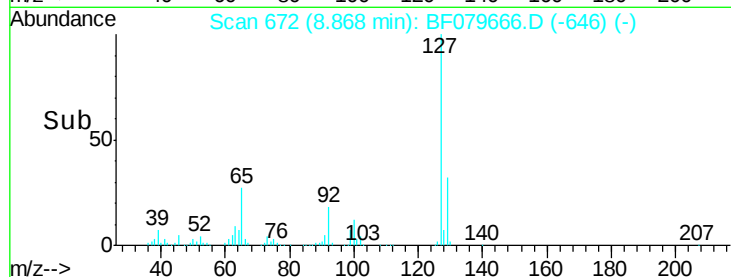
#33
4-Chloroaniline
Concen: 40.28 ng
RT: 8.87 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83713BS

Tgt Ion:	127	Resp:	413775
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.5	39.7
65	27.5	23.0	34.6
92	18.3	14.7	22.1

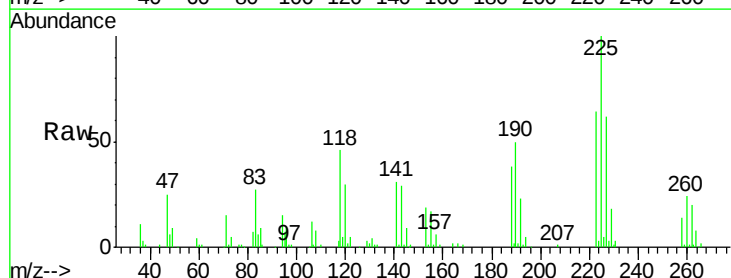


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

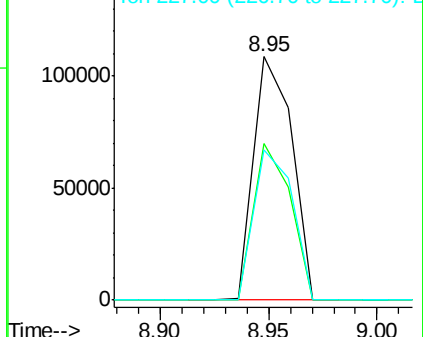
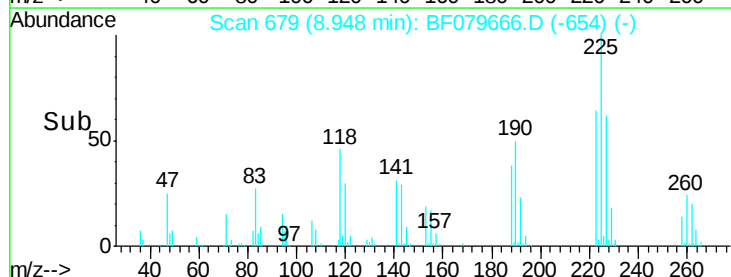


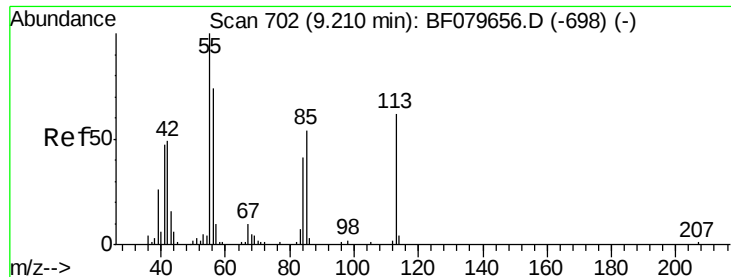
#34
Hexachlorobutadiene
Concen: 42.09 ng
RT: 8.95 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion:	225	Resp:	133650
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.6	74.4
227	61.9	52.3	78.5



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

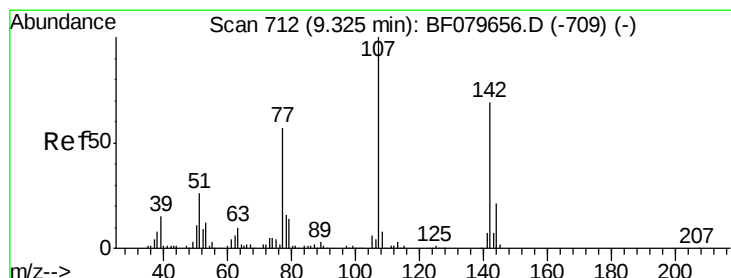
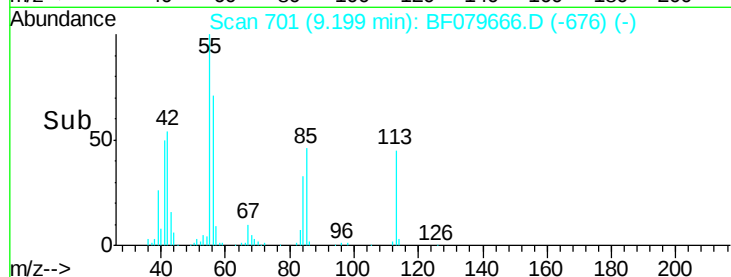
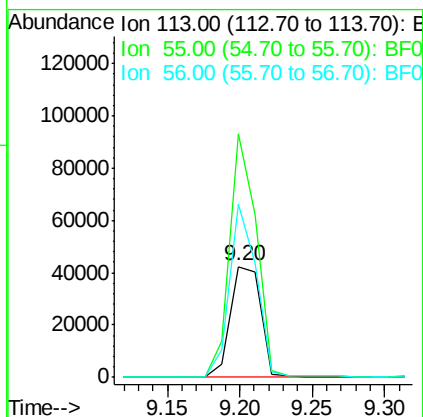
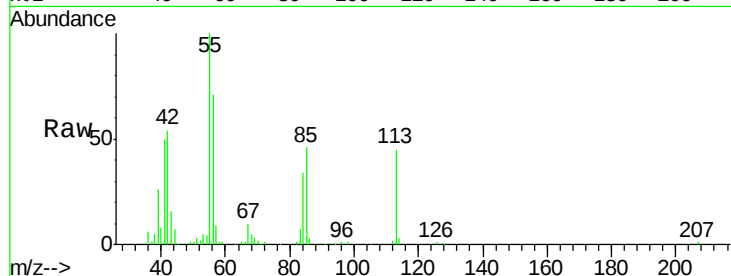




#35
 Caprolactam
 Concen: 44.35 ng
 RT: 9.20 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

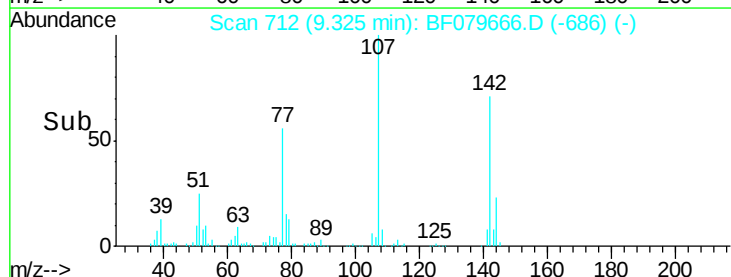
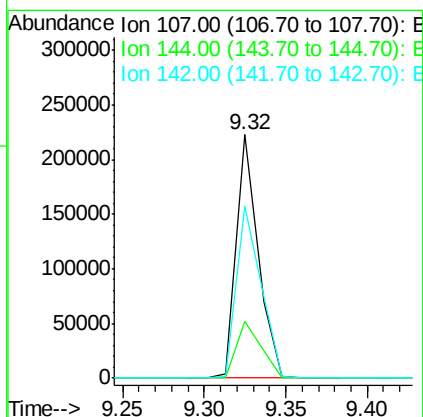
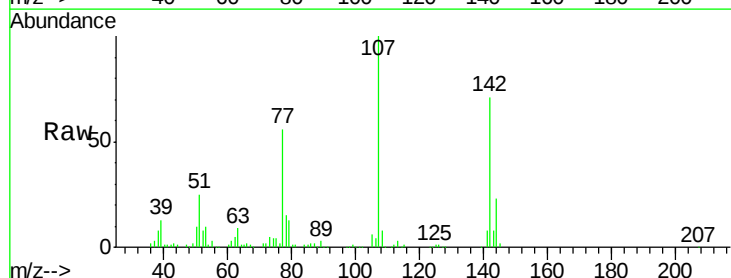
Instrument :
 BNA_F
 ClientSampleID :
 PB83713BS

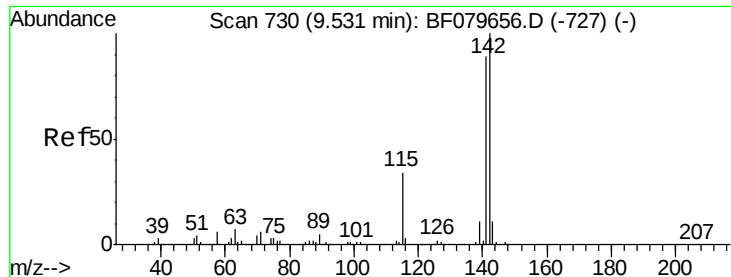
Tgt Ion:113 Resp: 61385
 Ion Ratio Lower Upper
 113 100
 55 219.9 142.3 182.3#
 56 156.0 99.8 139.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.72 ng
 RT: 9.32 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion:107 Resp: 203797
 Ion Ratio Lower Upper
 107 100
 144 23.4 17.0 25.4
 142 70.6 55.1 82.7

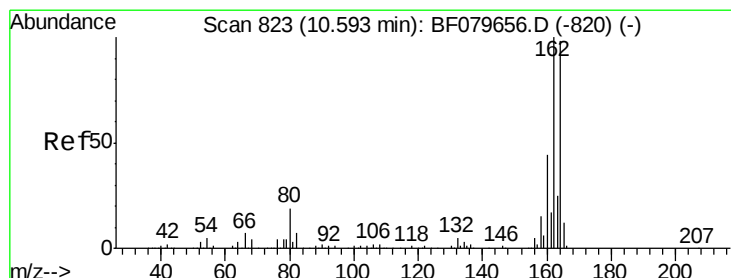
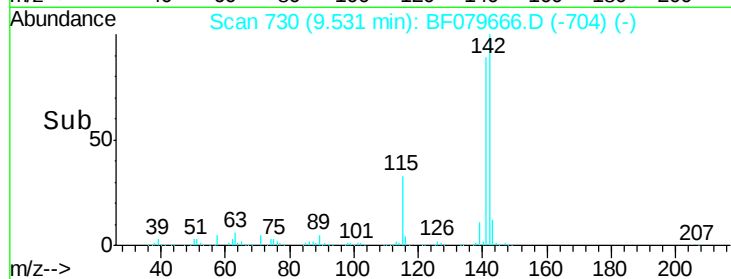
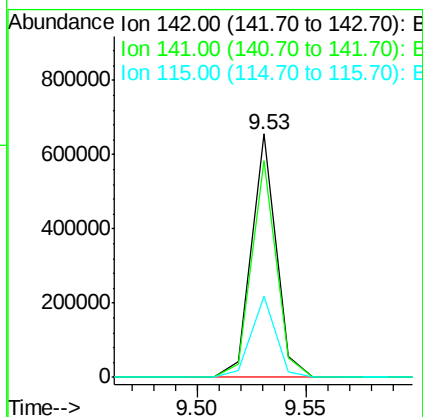
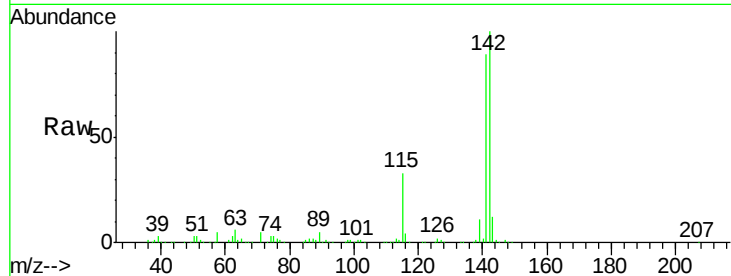




#37
 2-Methylnaphthalene
 Concen: 41.02 ng
 RT: 9.53 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

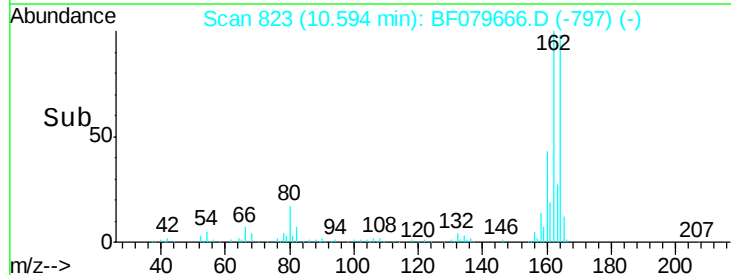
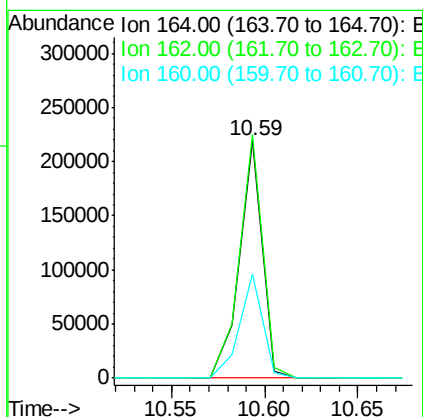
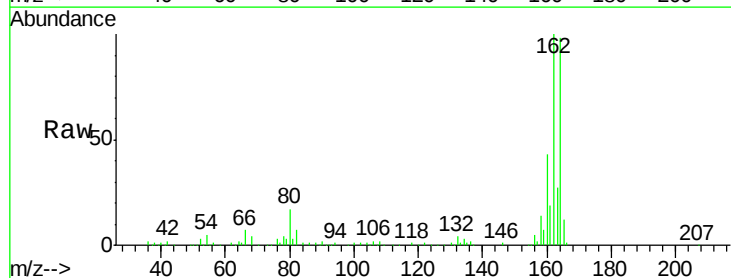
Instrument :
 BNA_F
 ClientSampled :
 PB83713BS

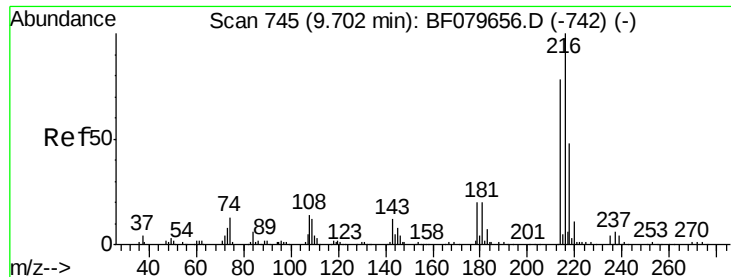
Tgt Ion:142 Resp: 516965
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.4 107.0
 115 33.3 27.3 40.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion:164 Resp: 188663
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.0 123.0
 160 43.8 35.9 53.9

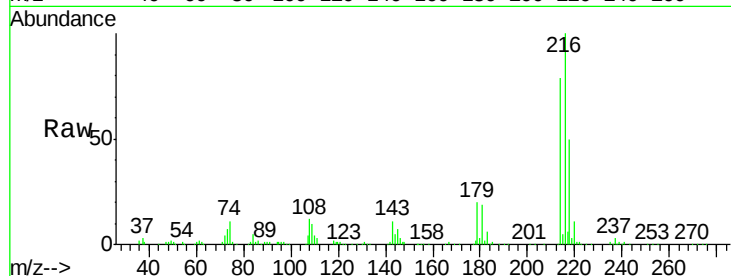




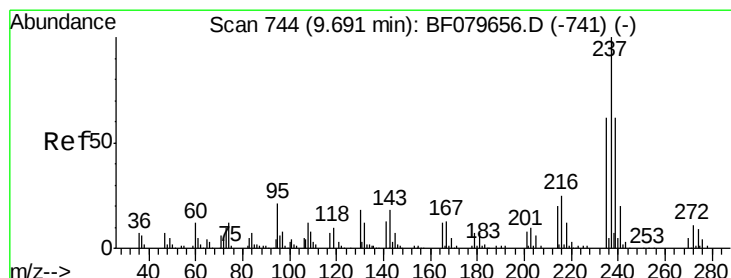
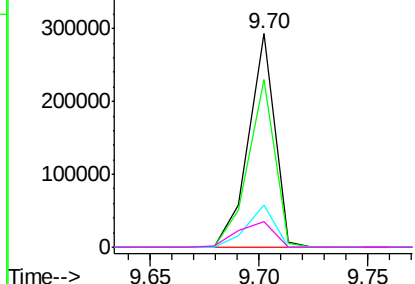
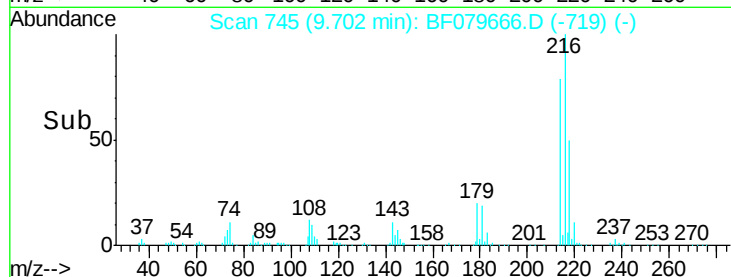
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.54 ng
 RT: 9.70 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

Tgt Ion:	216	Resp:	245423
Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.8	94.2
179	21.1	16.6	24.8
108	16.8	14.2	21.4

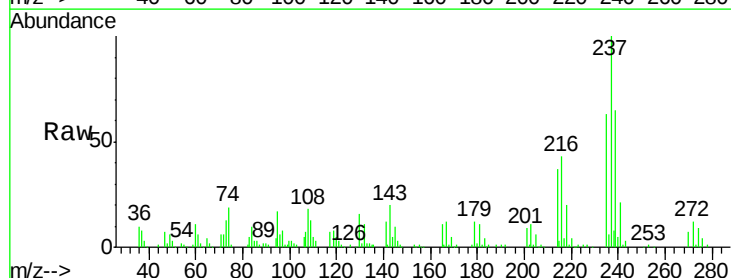


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

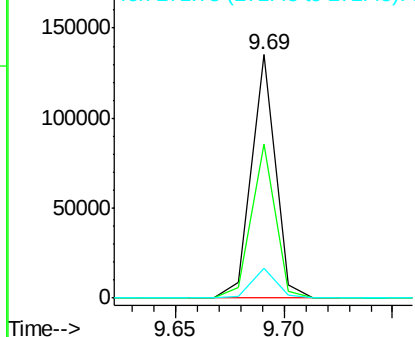
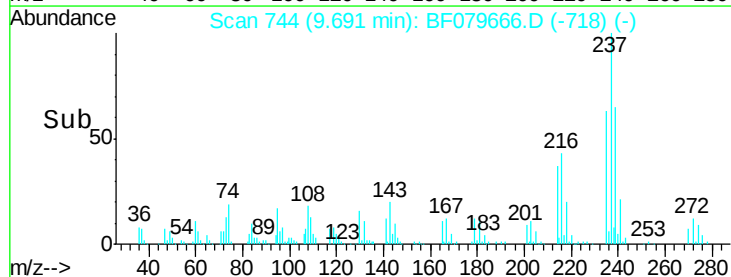


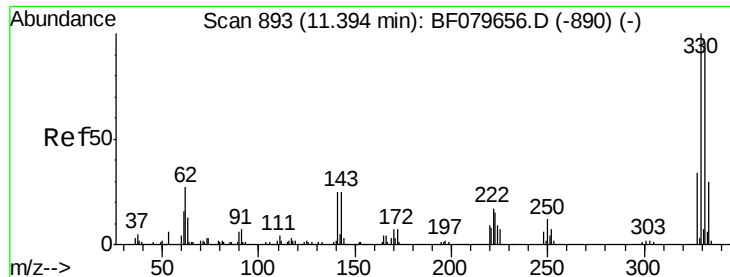
#40
 Hexachlorocyclopentadiene
 Concen: 36.05 ng
 RT: 9.69 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion:	237	Resp:	104071
Ion	Ratio	Lower	Upper
237	100		
235	63.3	41.7	81.7
272	12.3	0.0	31.1



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

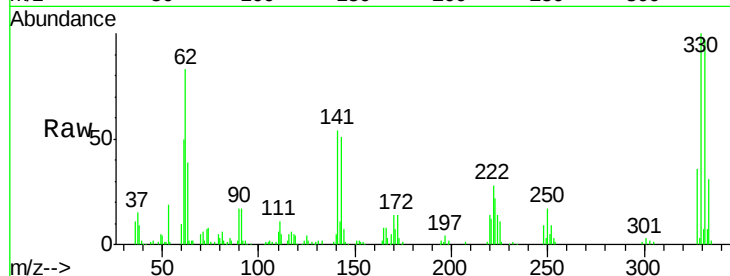




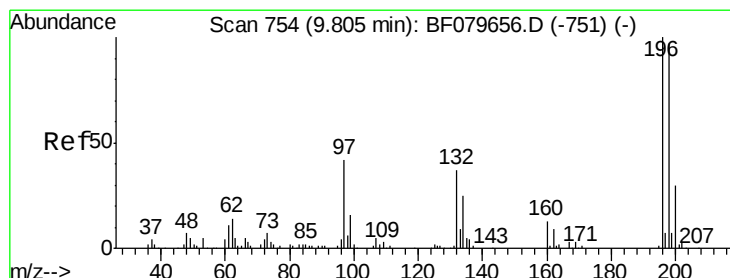
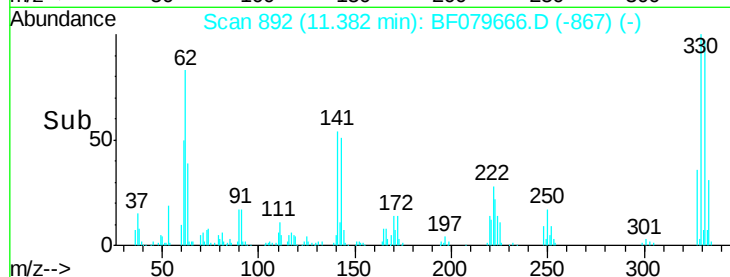
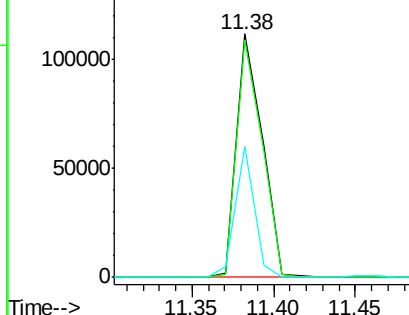
#41
 2,4,6-Tribromophenol
 Concen: 77.26 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

Tgt Ion:330 Resp: 120298
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 40.4 27.4 41.2

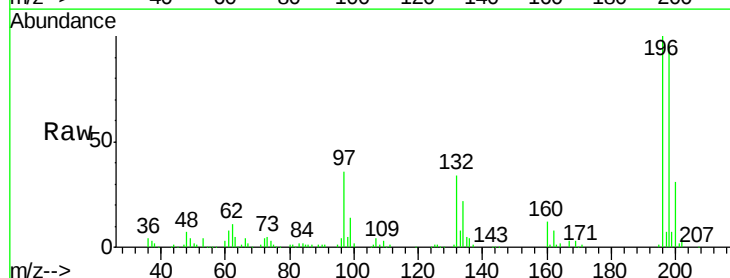


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

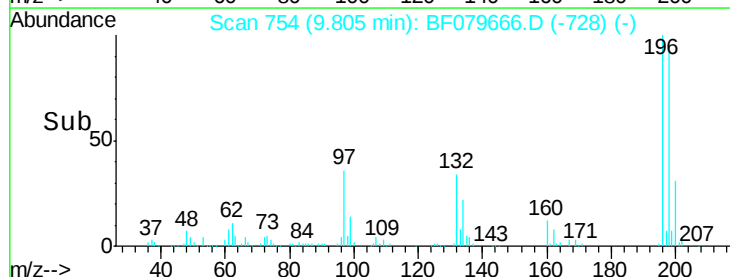
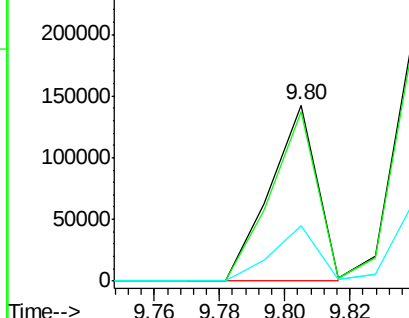


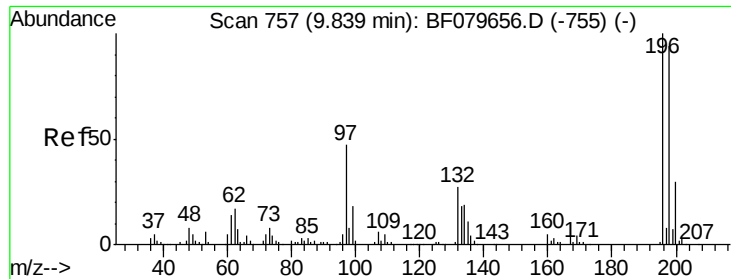
#42
 2,4,6-Trichlorophenol
 Concen: 43.31 ng
 RT: 9.80 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion:196 Resp: 142609
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.3 115.9
 200 31.2 24.0 36.0



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

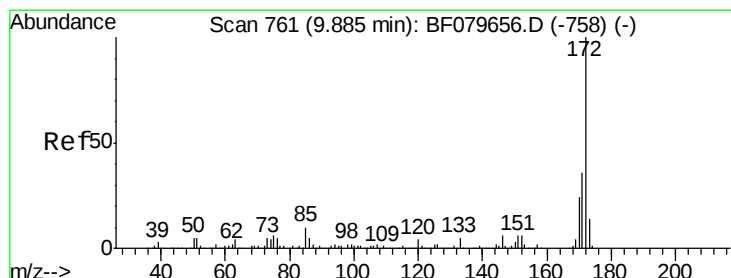
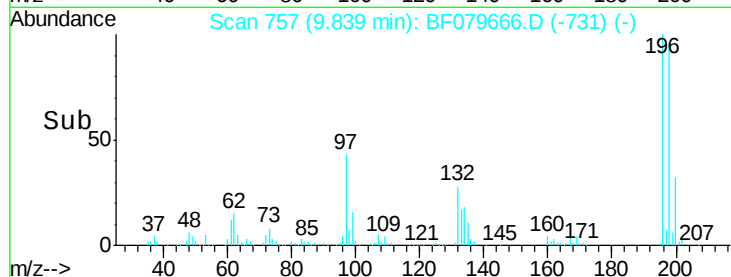
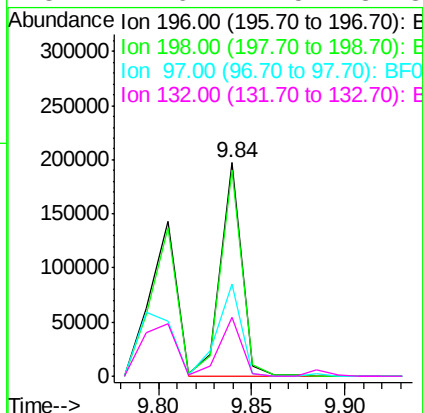
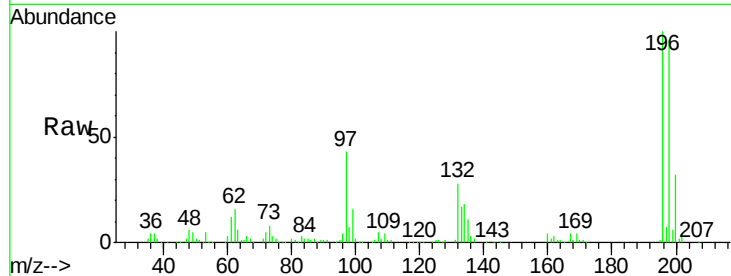




#43
 2,4,5-Trichlorophenol
 Concen: 43.31 ng
 RT: 9.84 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

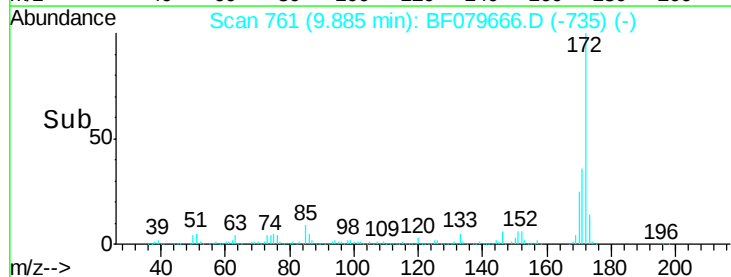
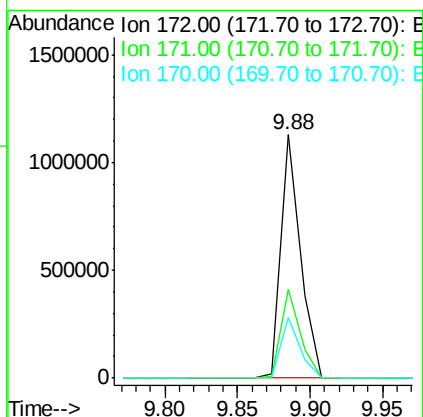
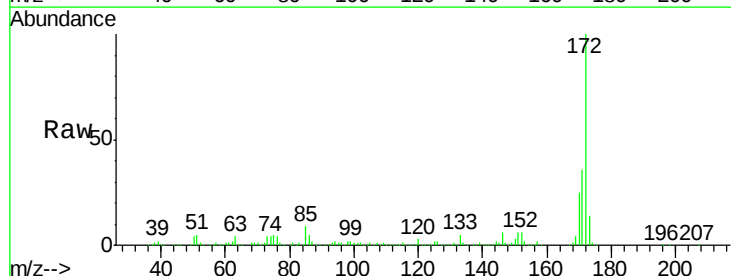
Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

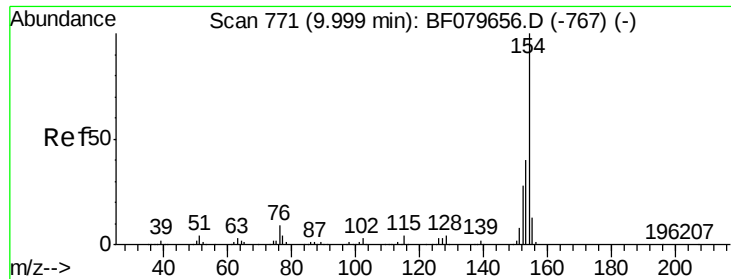
Tgt Ion	Resp	Lower	Upper
196	157959		
198	96.3	75.3	112.9
97	43.5	37.6	56.4
132	27.6	21.5	32.3



#44
 2-Fluorobiphenyl
 Concen: 84.08 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion	Resp	Lower	Upper
172	1048586		
171	36.4	28.8	43.2
170	24.6	19.2	28.8

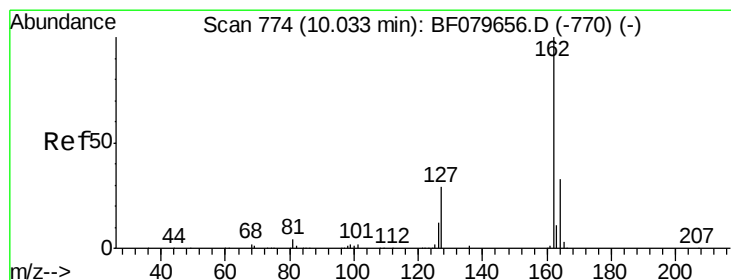
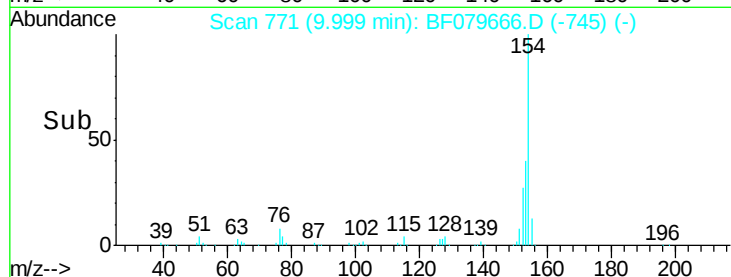
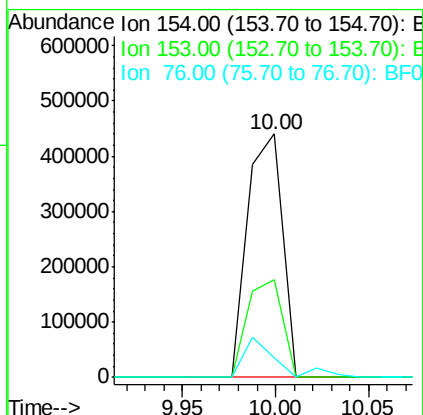
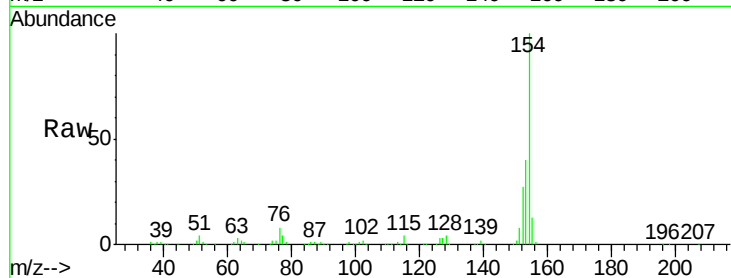




#45
1,1'-Biphenyl
Concen: 39.10 ng
RT: 10.00 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

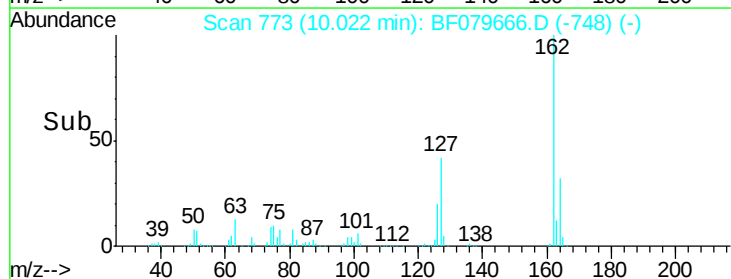
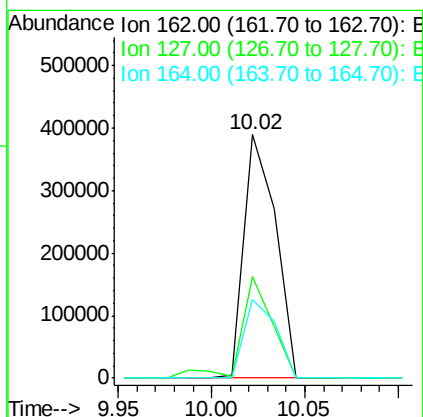
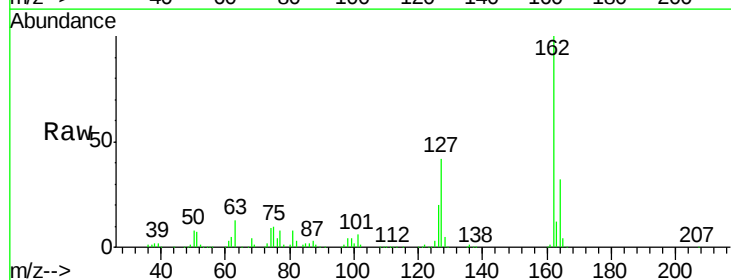
Instrument :
BNA_F
ClientSampleId :
PB83713BS

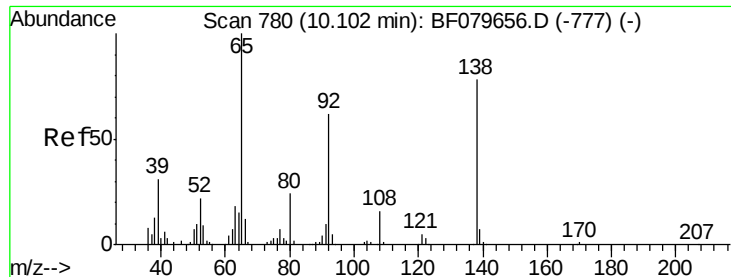
Tgt Ion:154 Resp: 568800
Ion Ratio Lower Upper
154 100
153 39.9 19.6 59.6
76 8.2 0.0 29.5



#46
2-Chloronaphthalene
Concen: 40.09 ng
RT: 10.02 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion:162 Resp: 456924
Ion Ratio Lower Upper
162 100
127 41.9 25.6 38.4#
164 32.4 26.3 39.5

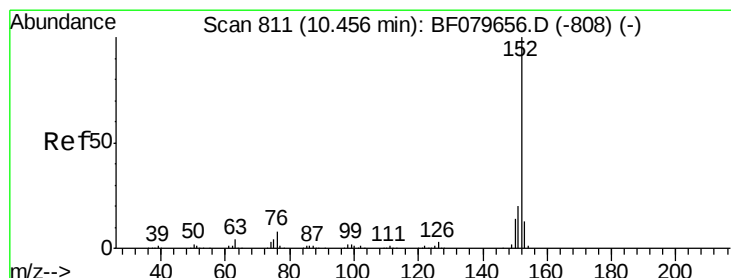
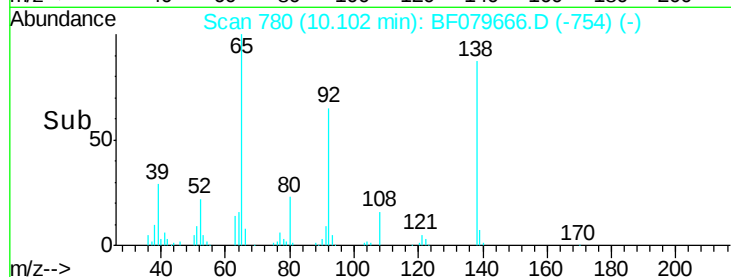
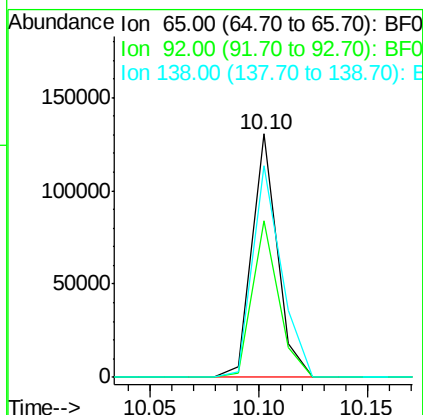
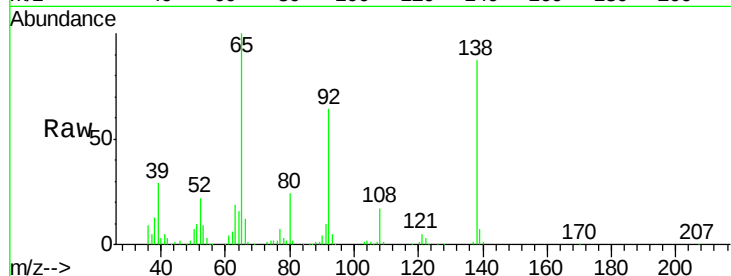




#47
2-Nitroaniline
Concen: 45.05 ng
RT: 10.10 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

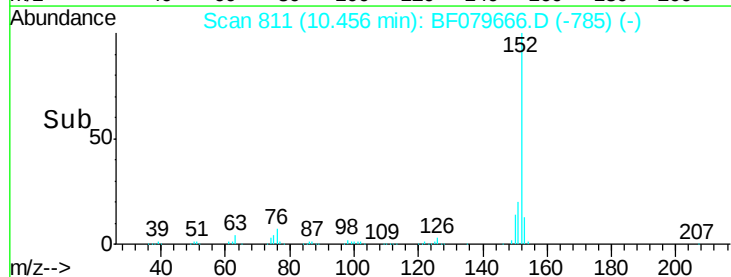
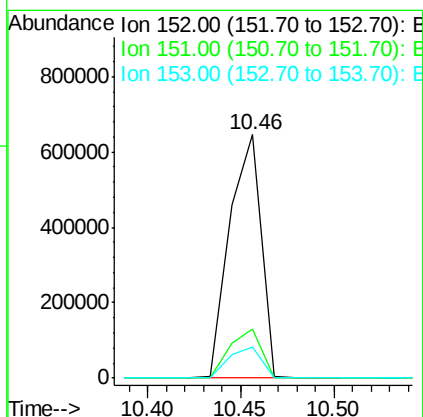
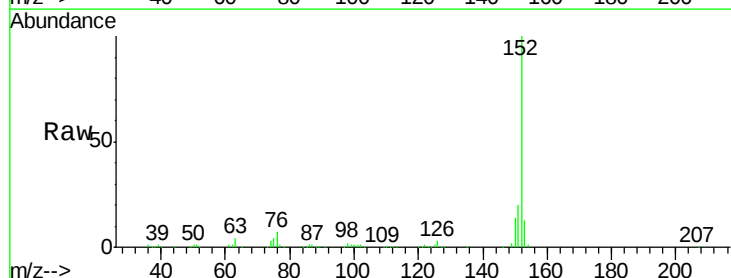
Instrument :
BNA_F
ClientSampleId :
PB83713BS

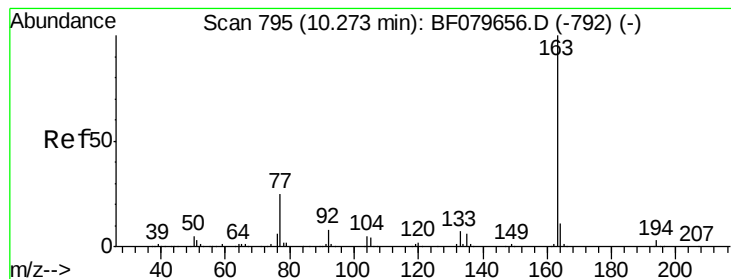
Tgt Ion: 65 Resp: 105741
Ion Ratio Lower Upper
65 100
92 64.5 49.7 74.5
138 86.9 62.6 94.0



#48
Acenaphthylene
Concen: 40.43 ng
RT: 10.46 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion: 152 Resp: 764009
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.0 10.4 15.6





#49

Dimethylphthalate

Concen: 39.38 ng

RT: 10.27 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

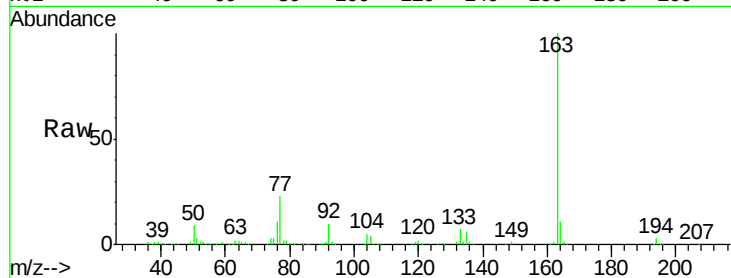
Tgt Ion:163 Resp: 544436

Ion Ratio Lower Upper

163 100

194 3.2 2.6 3.8

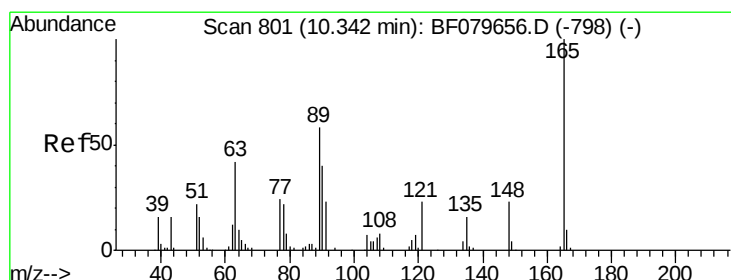
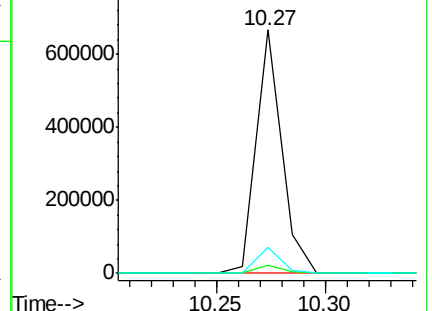
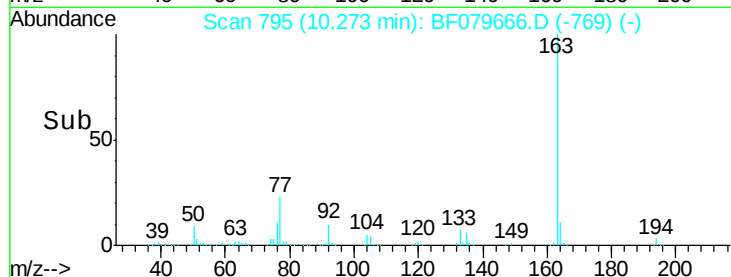
164 10.7 8.6 12.8



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: 44.18 ng

RT: 10.34 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

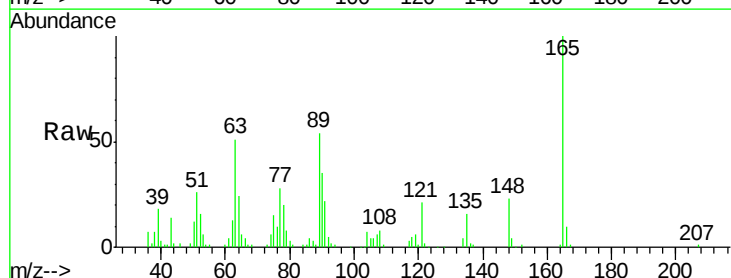
Tgt Ion:165 Resp: 97017

Ion Ratio Lower Upper

165 100

63 50.6 45.9 68.9

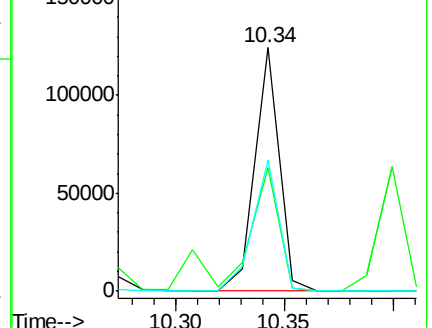
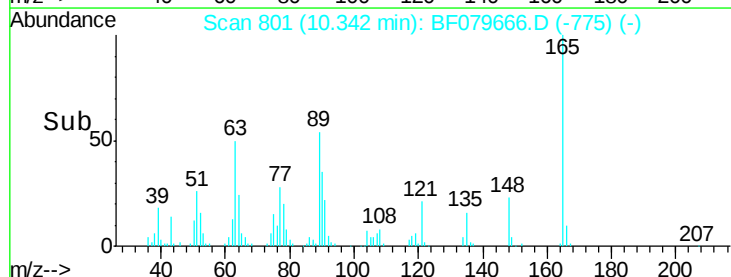
89 53.9 46.8 70.2

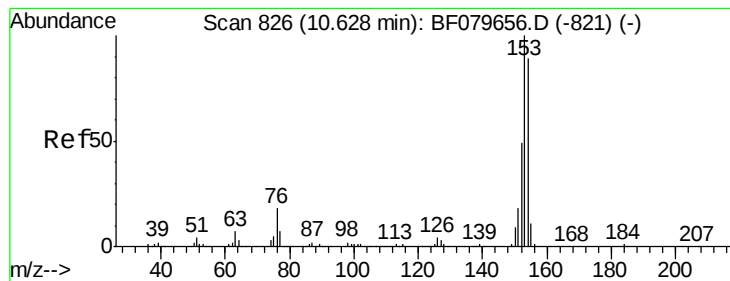


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.83 ng

RT: 10.63 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

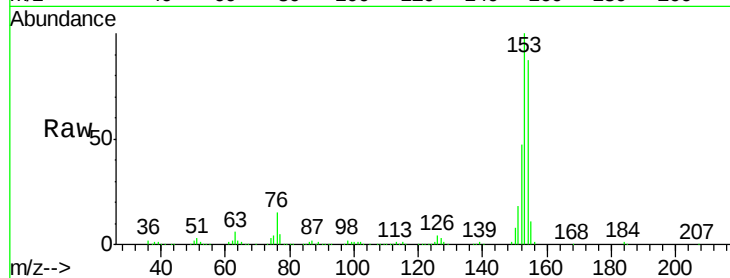
Tgt Ion:154 Resp: 456112

Ion Ratio Lower Upper

154 100

153 114.5 89.8 134.6

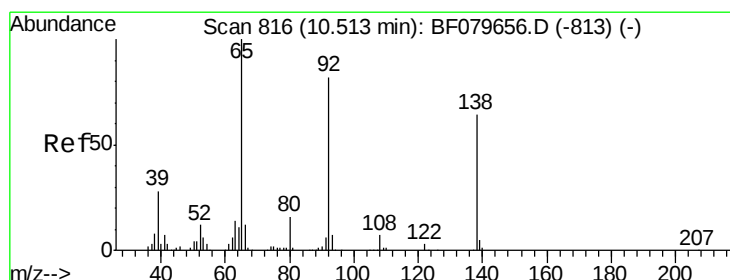
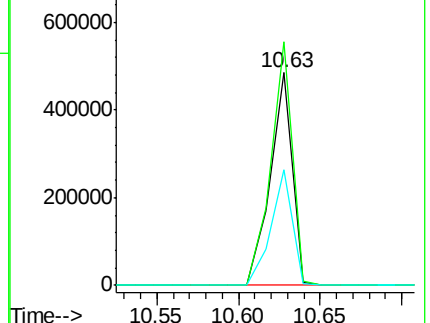
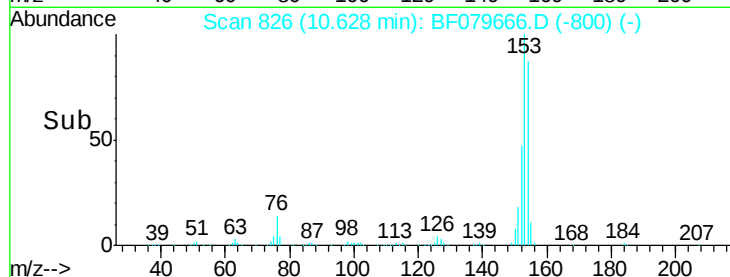
152 54.2 43.8 65.8



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: 45.00 ng

RT: 10.51 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

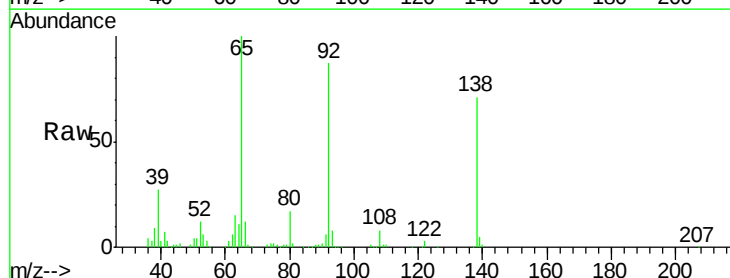
Tgt Ion:138 Resp: 121895

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

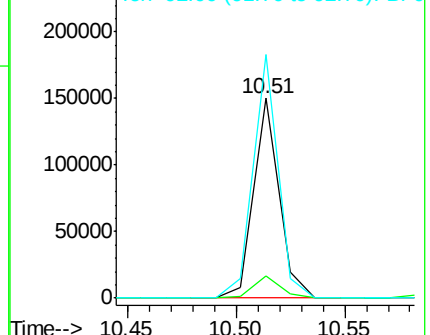
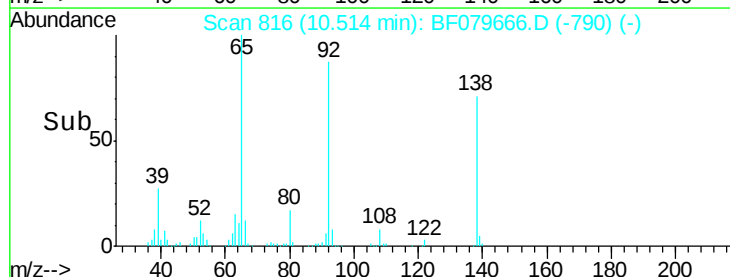
92 121.9 101.4 152.2

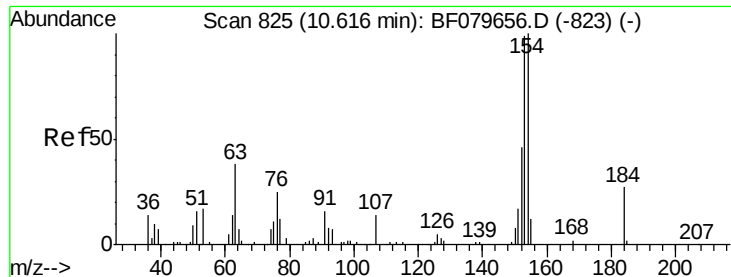


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

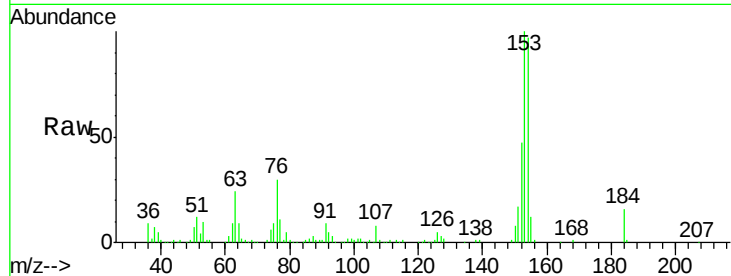




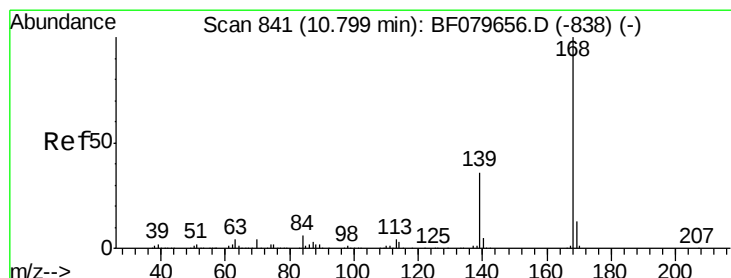
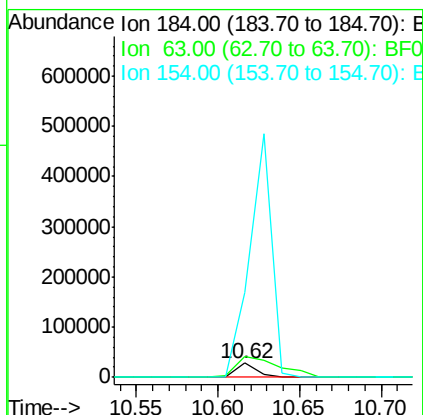
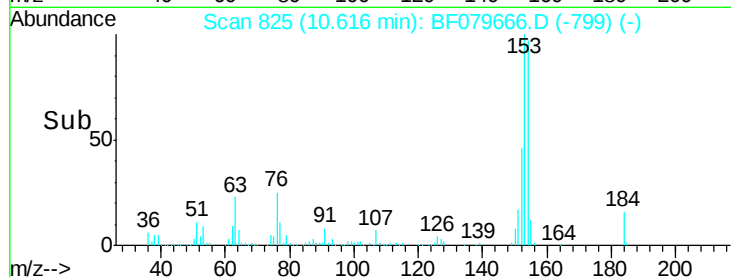
#53
 2,4-Dinitrophenol
 Concen: 38.36 ng
 RT: 10.62 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

Tgt Ion:184 Resp: 23951
 Ion Ratio Lower Upper
 184 100
 63 153.0 114.0 171.0
 154 610.6 297.0 445.4#

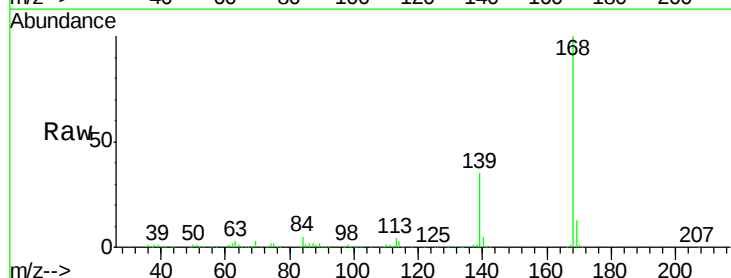


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

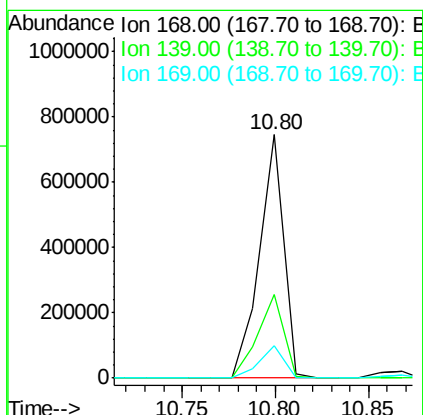
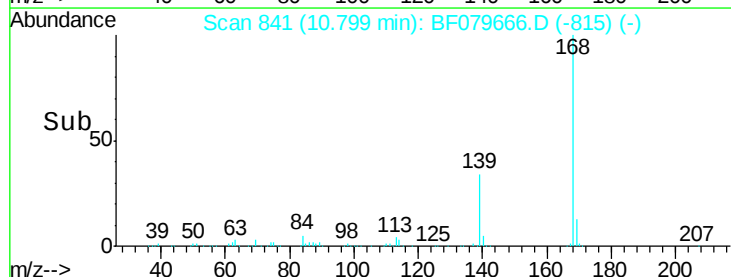


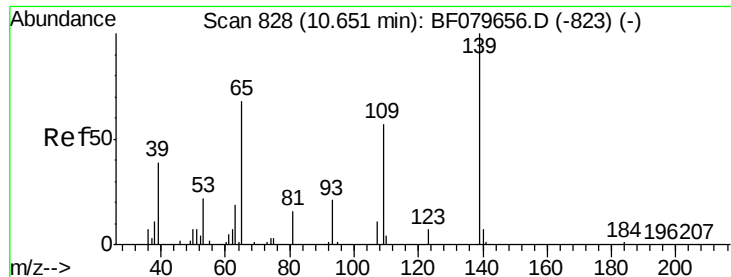
#54
 Dibenzofuran
 Concen: 40.17 ng
 RT: 10.80 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion:168 Resp: 667541
 Ion Ratio Lower Upper
 168 100
 139 34.5 29.1 43.7
 169 13.4 10.7 16.1



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

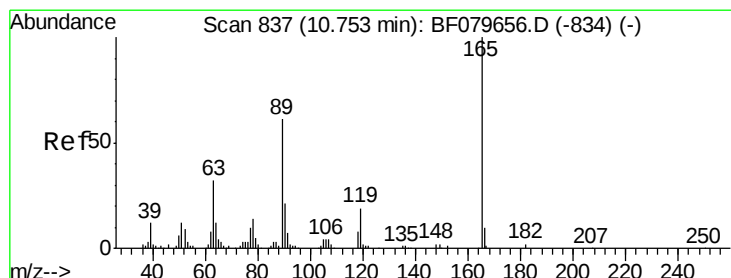
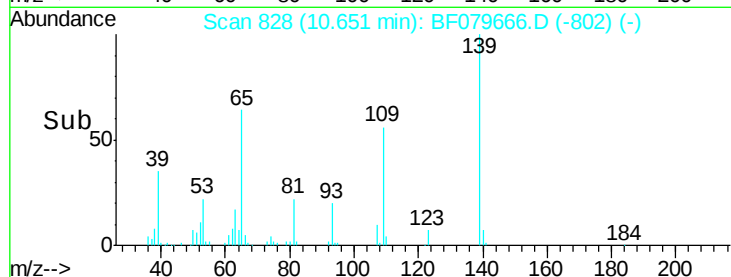
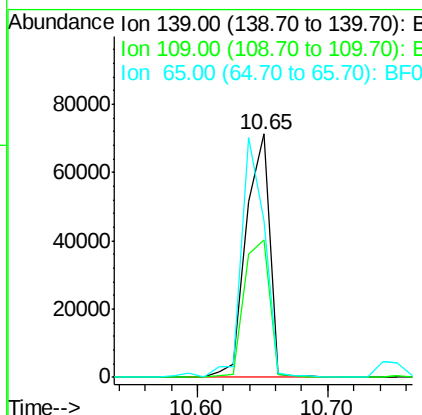
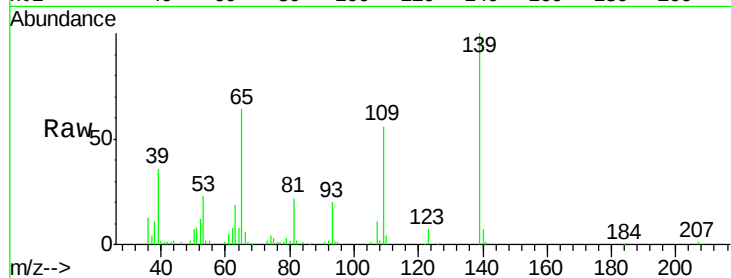




#55
4-Nitrophenol
Concen: 40.86 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

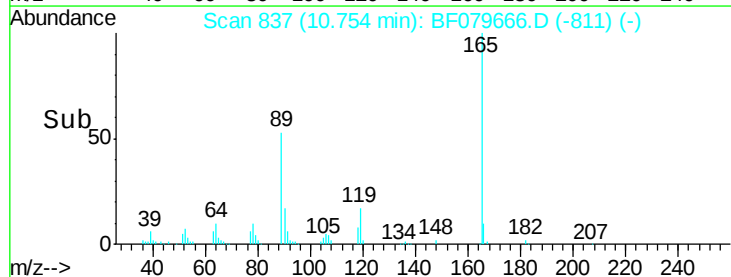
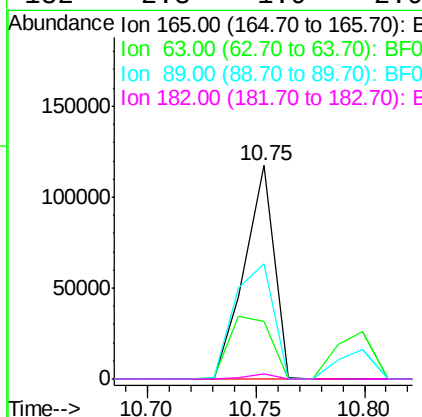
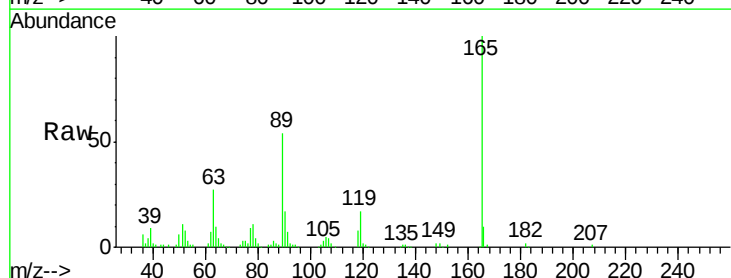
Instrument :
BNA_F
ClientSampleId :
PB83713BS

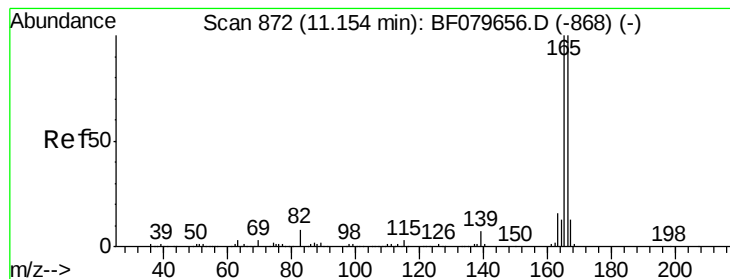
Tgt Ion:139 Resp: 89277
Ion Ratio Lower Upper
139 100
109 56.4 37.1 77.1
65 64.4 49.2 89.2



#56
2,4-Dinitrotoluene
Concen: 41.96 ng
RT: 10.75 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion:165 Resp: 111748
Ion Ratio Lower Upper
165 100
63 27.0 25.5 38.3
89 54.0 48.5 72.7
182 2.3 1.9 2.9





#57

Fluorene

Concen: 39.13 ng

RT: 11.14 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

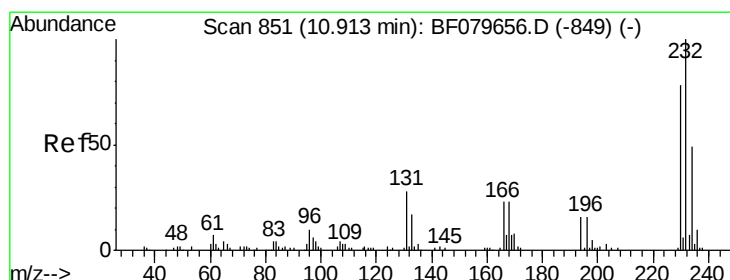
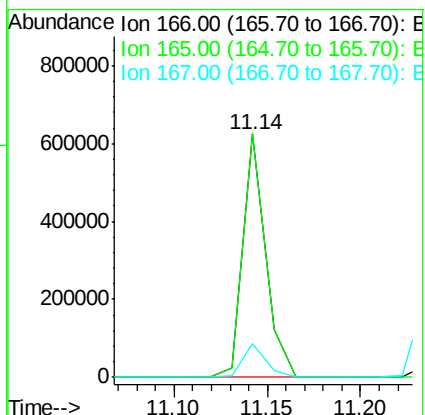
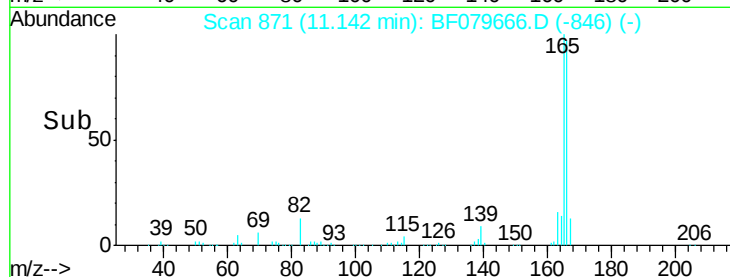
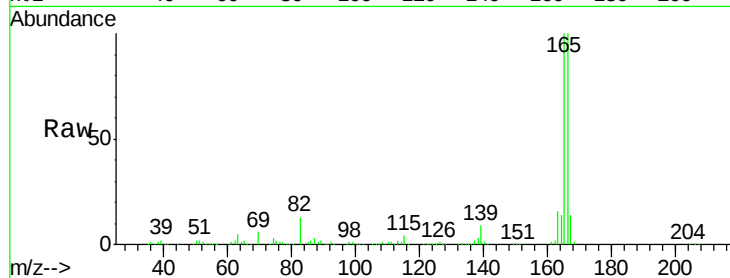
Tgt Ion:166 Resp: 531401

Ion Ratio Lower Upper

166 100

165 99.9 79.8 119.6

167 13.8 10.6 15.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.12 ng

RT: 10.90 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion:232 Resp: 111523

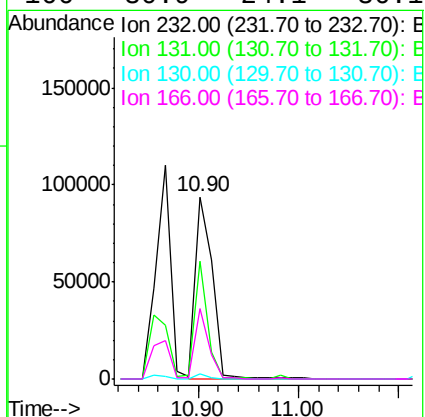
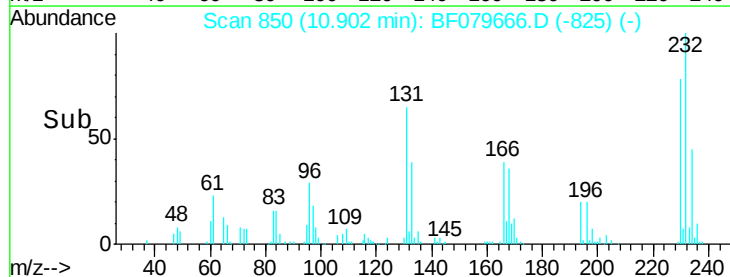
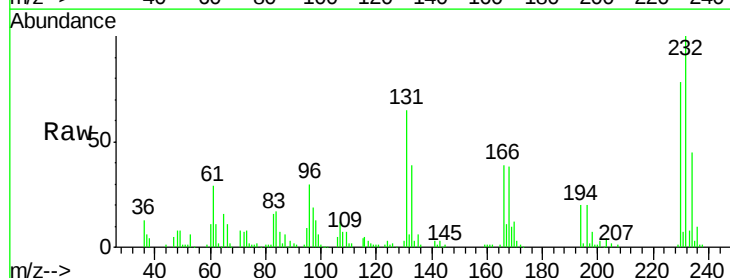
Ion Ratio Lower Upper

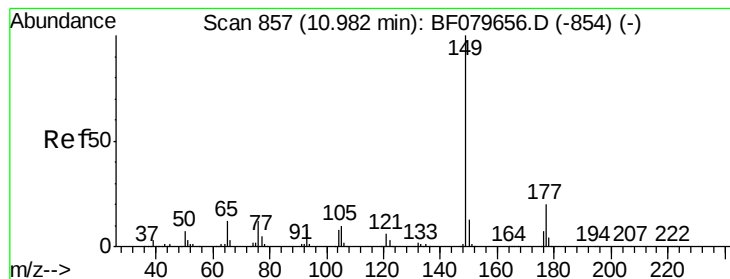
232 100

131 47.9 36.6 54.8

130 2.0 1.6 2.4

166 30.9 24.1 36.1





#59

Diethylphthalate

Concen: 41.88 ng

RT: 10.98 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

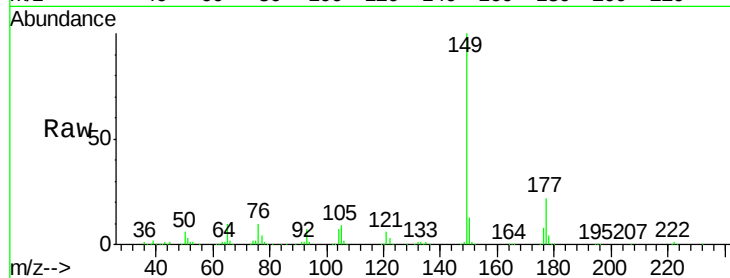
Tgt Ion:149 Resp: 555953

Ion Ratio Lower Upper

149 100

177 21.6 16.1 24.1

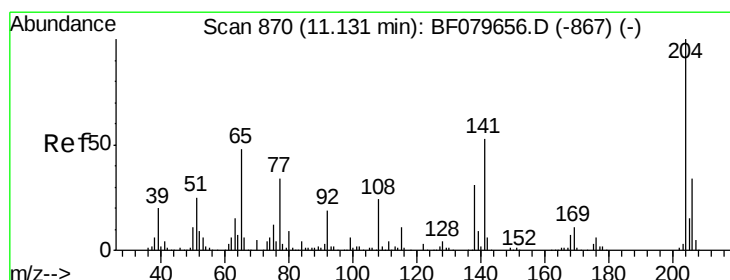
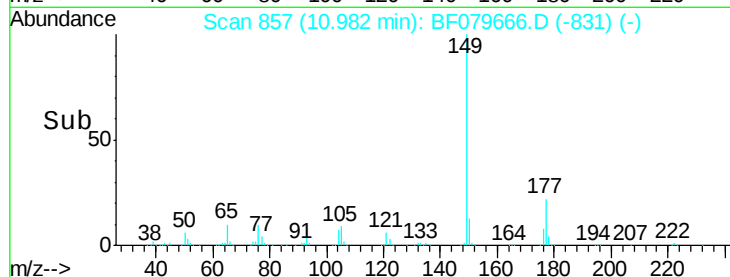
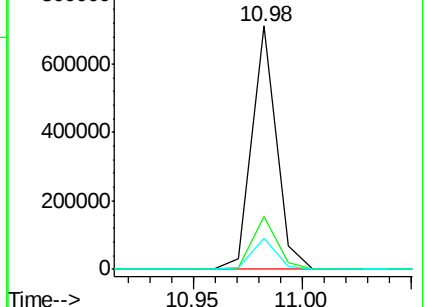
150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.84 ng

RT: 11.13 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

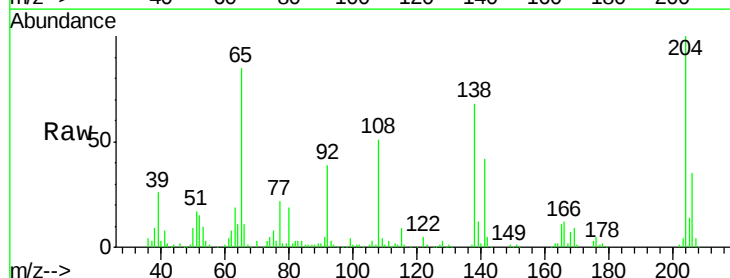
Tgt Ion:204 Resp: 250386

Ion Ratio Lower Upper

204 100

206 34.7 27.5 41.3

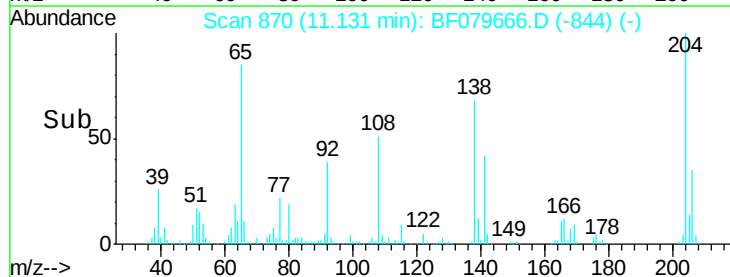
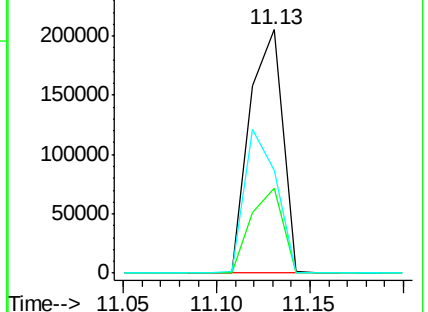
141 42.2 42.8 64.2#

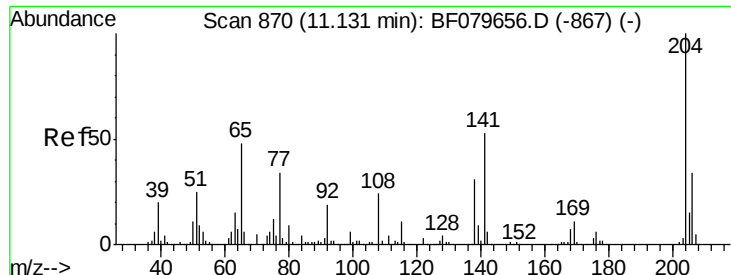


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

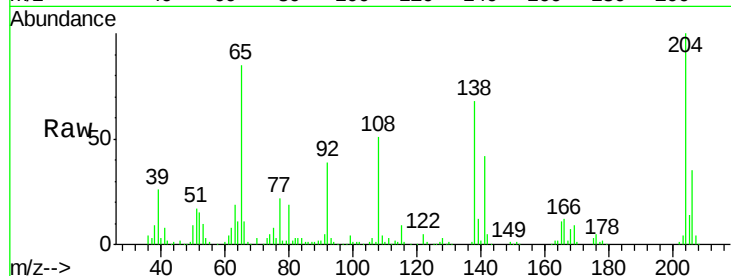




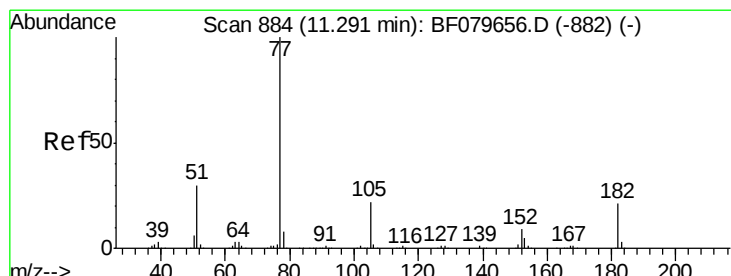
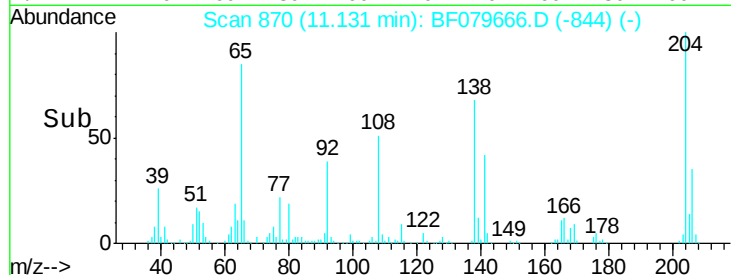
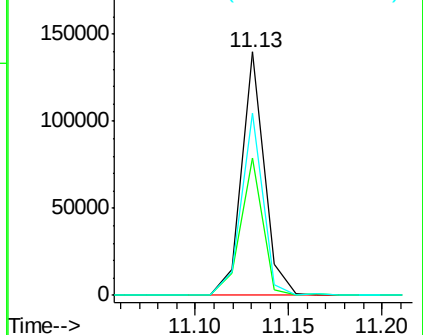
#61
4-Nitroaniline
Concen: 44.63 ng
RT: 11.13 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83713BS

Tgt Ion: 138 Resp: 119268
Ion Ratio Lower Upper
138 100
92 56.7 40.7 80.7
108 74.7 56.0 96.0

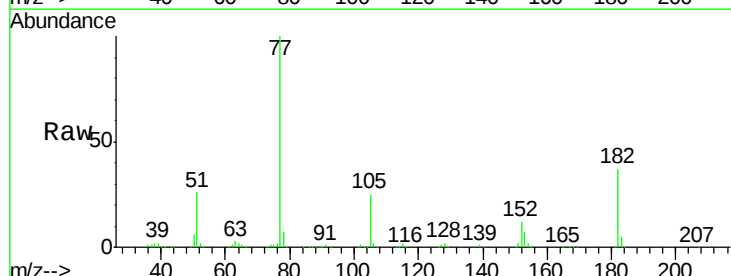


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

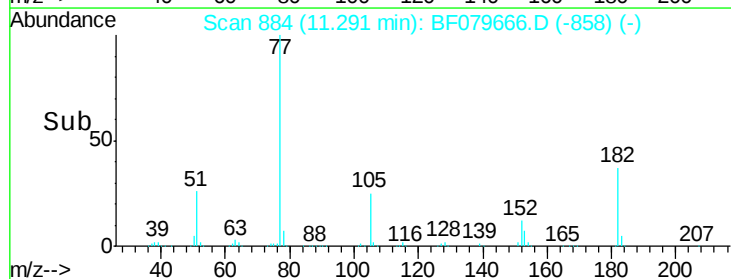
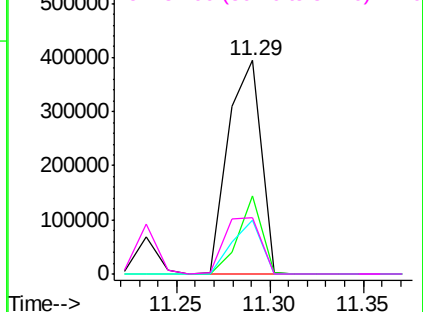


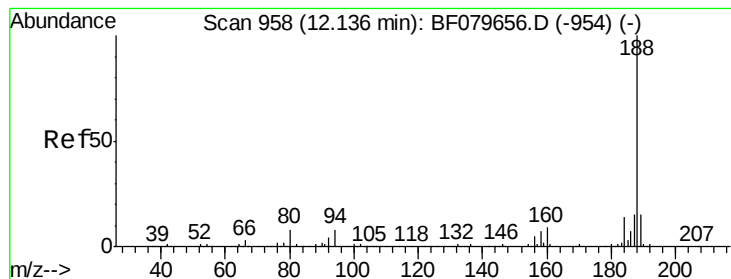
#62
Azobenzene
Concen: 39.13 ng
RT: 11.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion: 77 Resp: 485600
Ion Ratio Lower Upper
77 100
182 36.6 1.3 41.3
105 25.4 2.3 42.3
51 26.2 9.9 49.9



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: 12.11 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

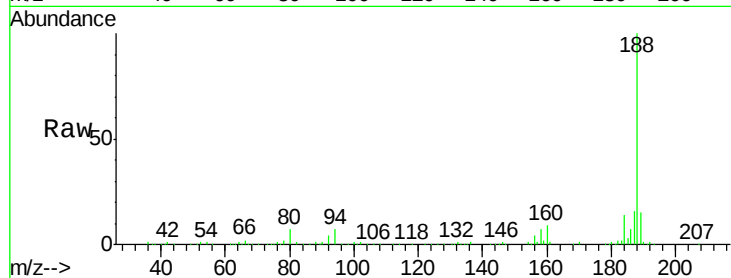
Tgt Ion:188 Resp: 359102

Ion Ratio Lower Upper

188 100

94 6.8 6.1 9.1

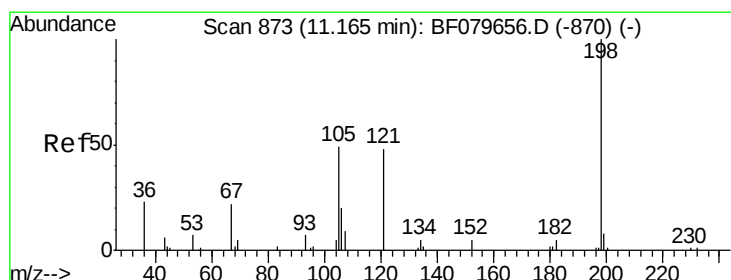
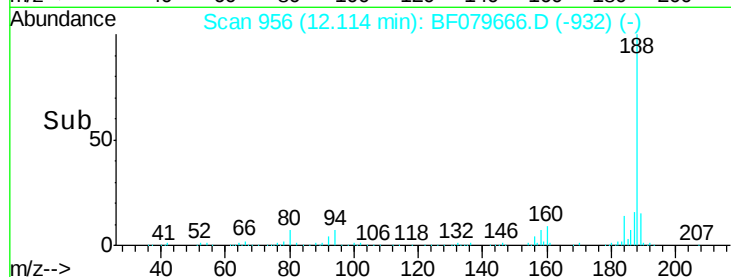
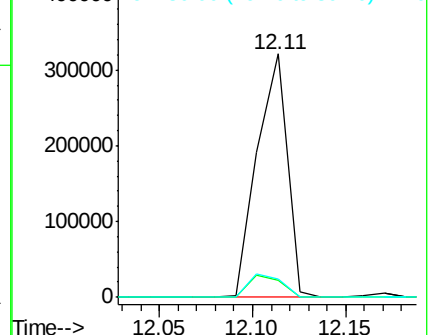
80 7.3 6.2 9.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.49 ng

RT: 11.16 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

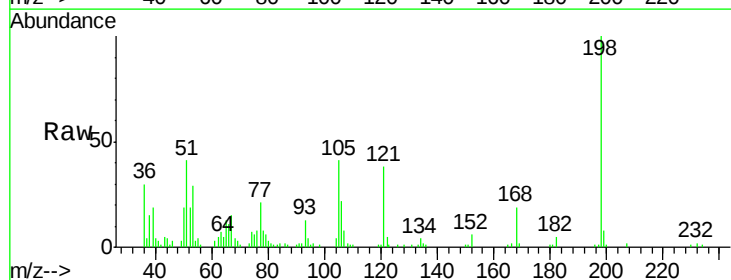
Tgt Ion:198 Resp: 40672

Ion Ratio Lower Upper

198 100

51 40.5 46.1 86.1#

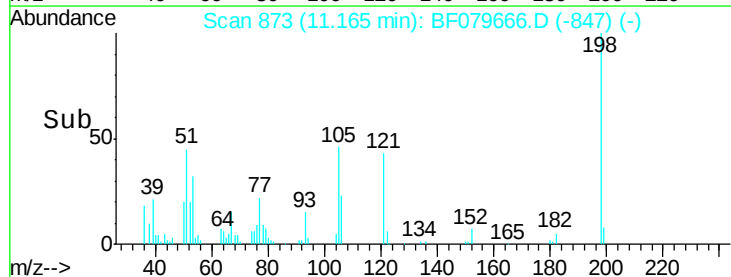
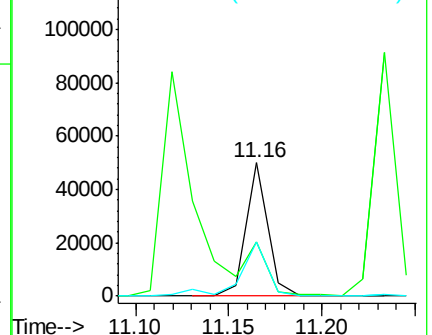
105 40.8 34.6 74.6

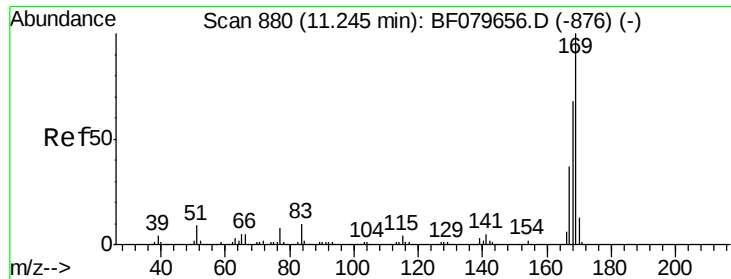


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.10 ng

RT: 11.23 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

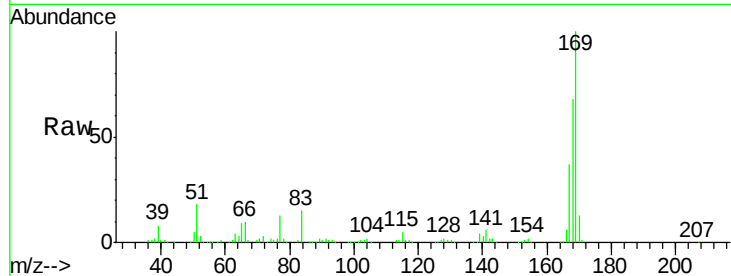
Tgt Ion:169 Resp: 463454

Ion Ratio Lower Upper

169 100

168 67.8 54.3 81.5

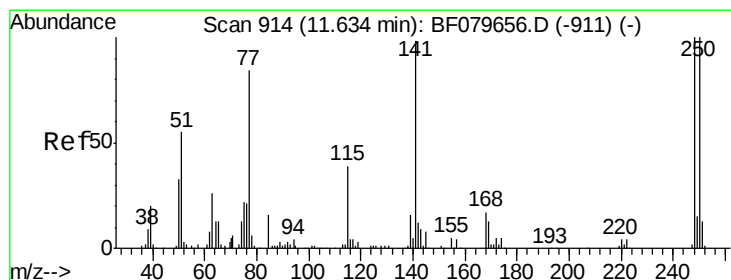
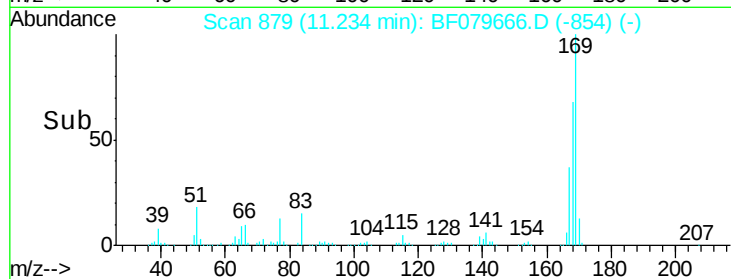
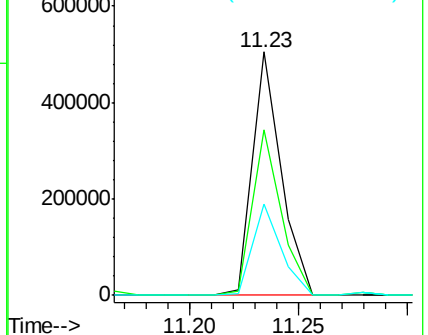
167 37.5 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.14 ng

RT: 11.62 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

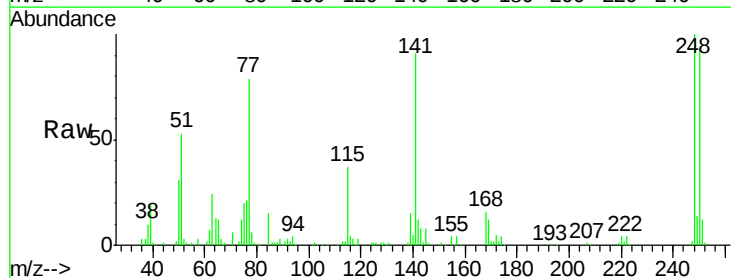
Tgt Ion:248 Resp: 151838

Ion Ratio Lower Upper

248 100

250 93.3 80.0 120.0

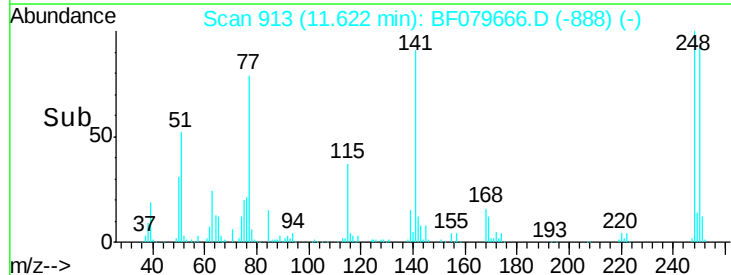
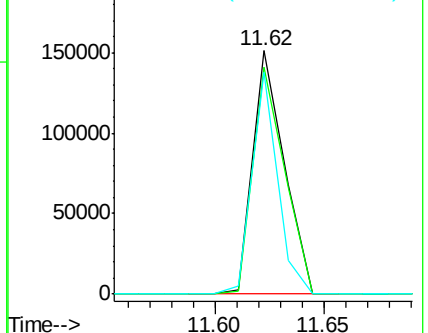
141 91.0 78.8 118.2

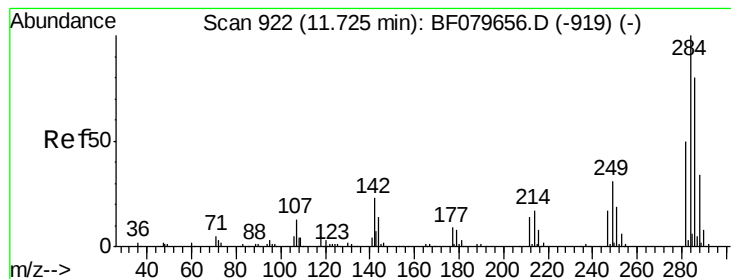


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.48 ng

RT: 11.71 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

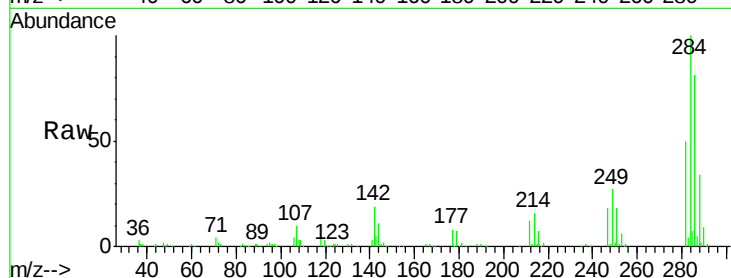
Tgt Ion:284 Resp: 171386

Ion Ratio Lower Upper

284 100

142 18.6 18.6 28.0#

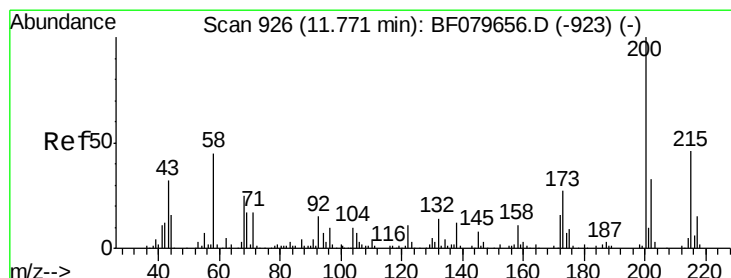
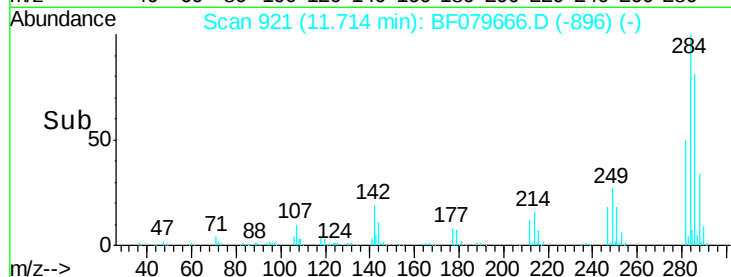
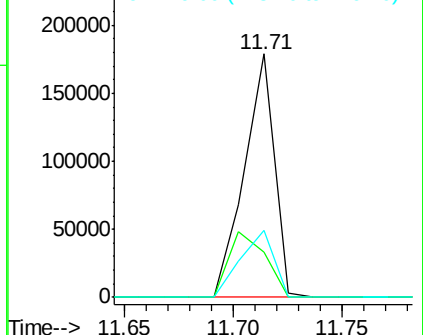
249 27.5 24.5 36.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.82 ng

RT: 11.76 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

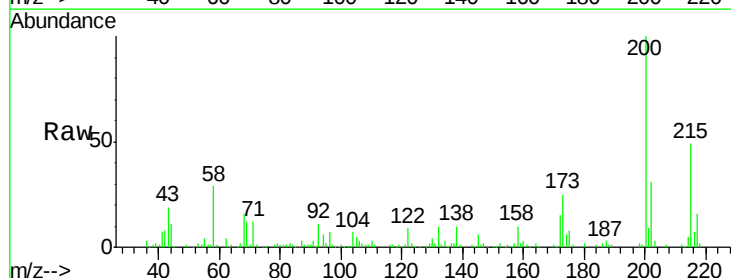
Tgt Ion:200 Resp: 132330

Ion Ratio Lower Upper

200 100

173 25.1 6.7 46.7

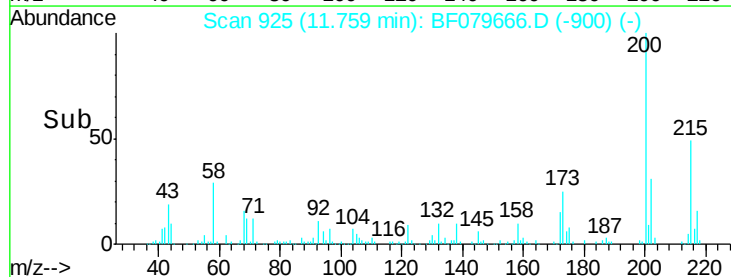
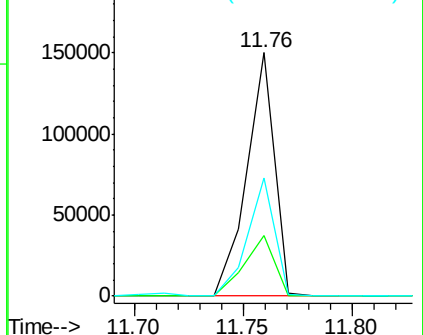
215 48.6 26.1 66.1

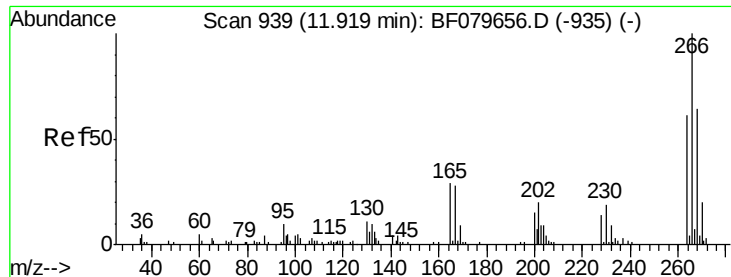


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

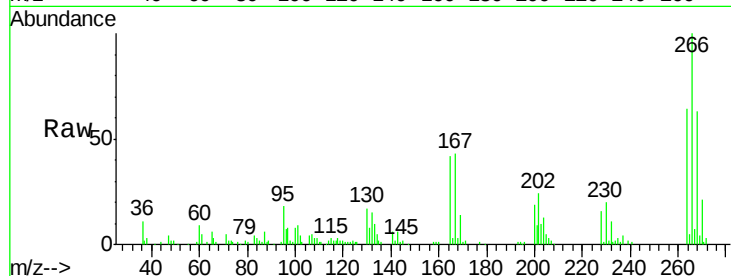




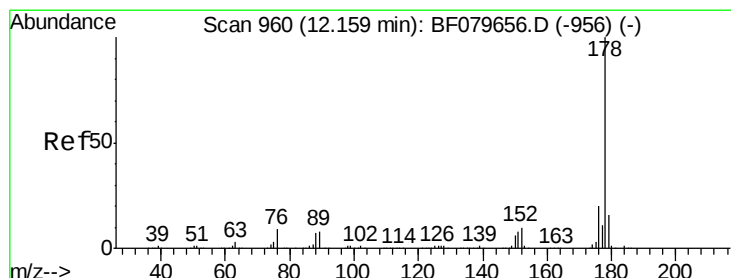
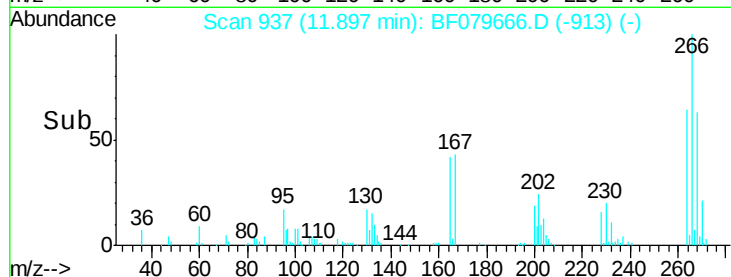
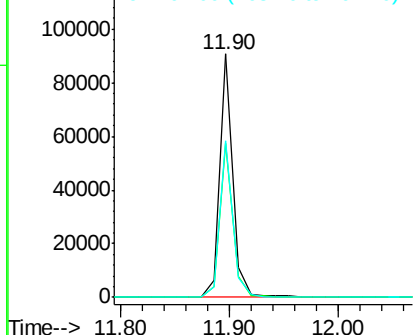
#69
 Pentachlorophenol
 Concen: 49.59 ng
 RT: 11.90 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

Tgt Ion:266 Resp: 76910
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.0 76.4
 264 64.2 48.6 72.8

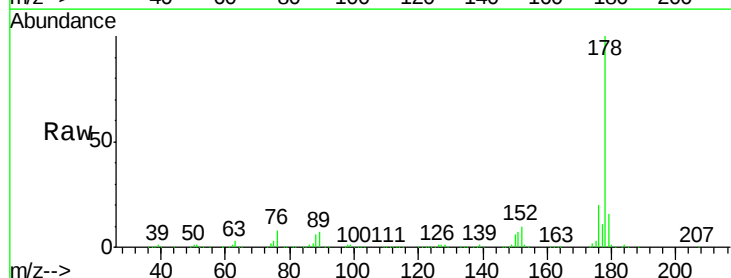


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

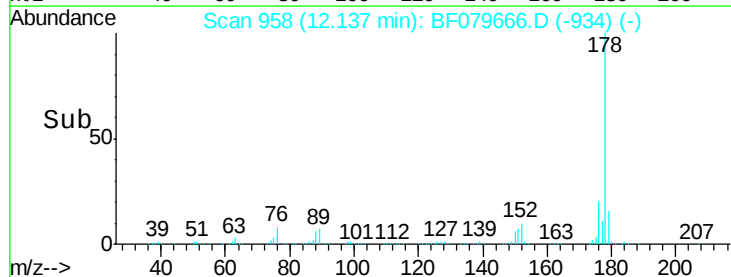
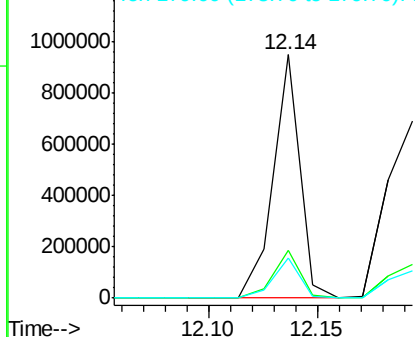


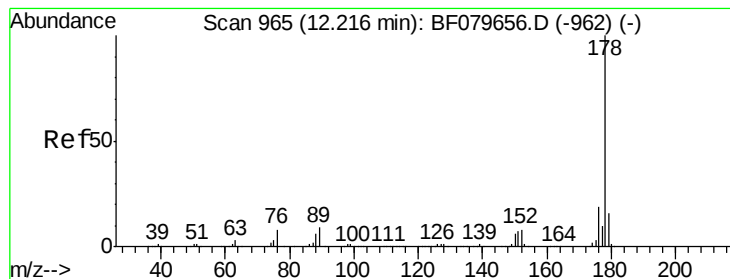
#70
 Phenanthrene
 Concen: 41.33 ng
 RT: 12.14 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion:178 Resp: 820630
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 16.3 12.7 19.1



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: 40.39 ng

RT: 12.19 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

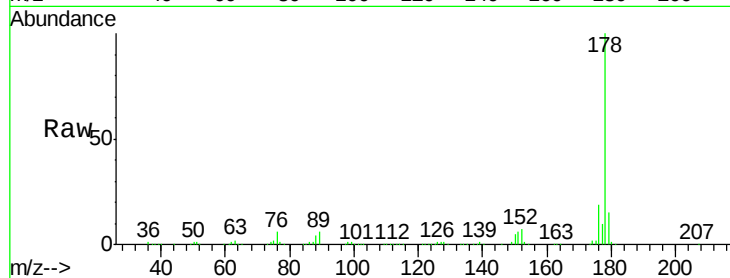
Tgt Ion:178 Resp: 806785

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

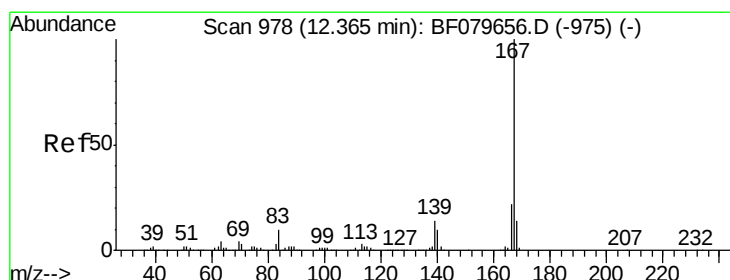
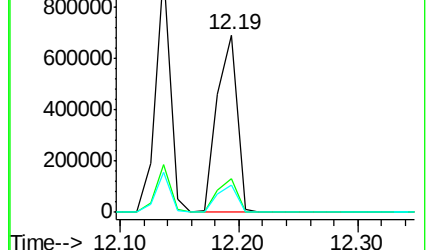
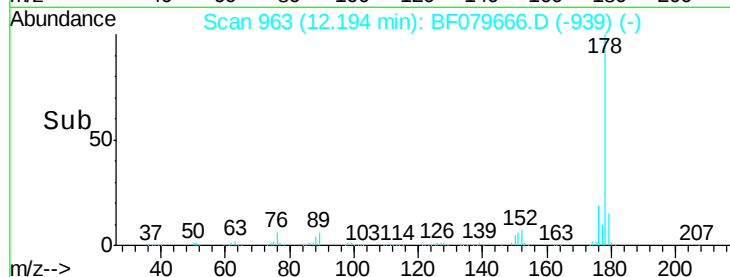
179 15.2 12.6 19.0



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



#72

Carbazole

Concen: 40.22 ng

RT: 12.34 min Scan# 976

Delta R.T. -0.02 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

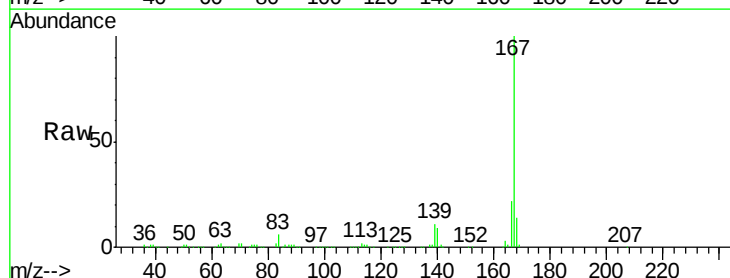
Tgt Ion:167 Resp: 737646

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

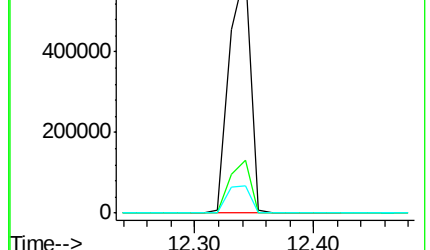
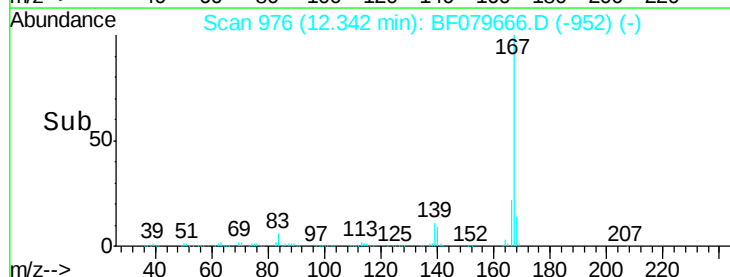
139 11.4 11.3 16.9

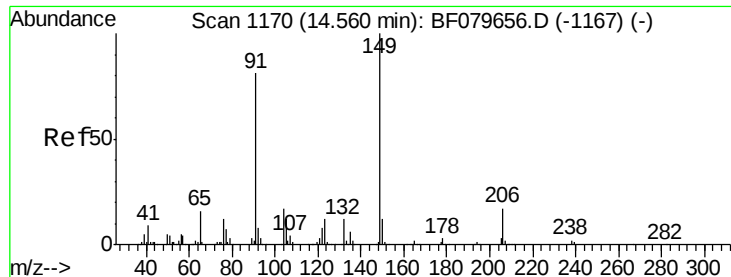


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.52 ng

RT: 14.40 min Scan# 1156

Delta R.T. -0.16 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

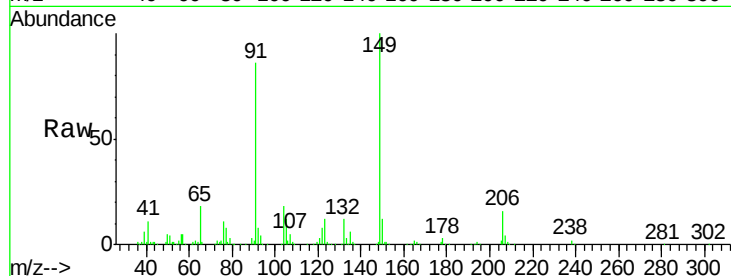
Tgt Ion:149 Resp: 355631

Ion Ratio Lower Upper

149 100

150 11.8 9.5 14.3

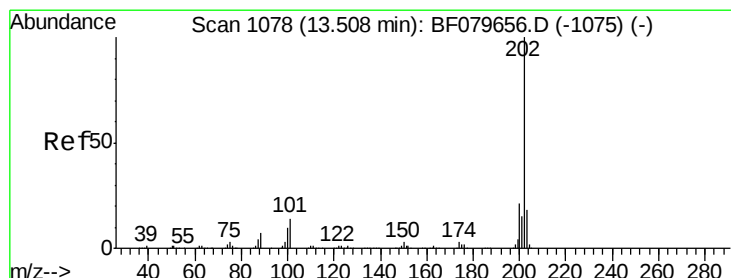
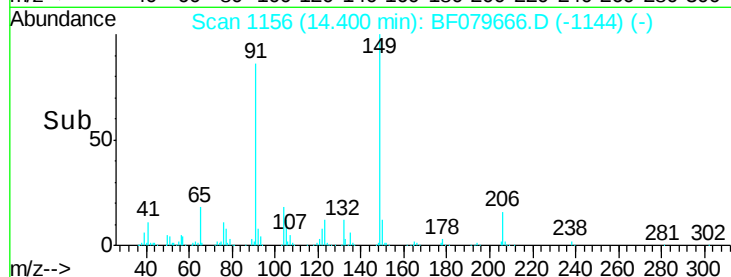
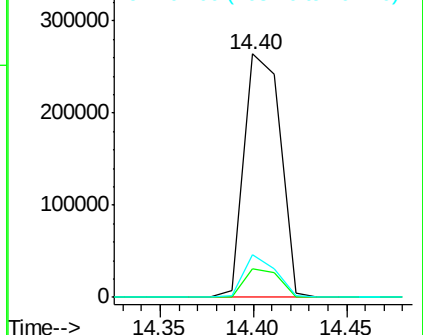
104 17.6 13.8 20.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.37 ng

RT: 13.43 min Scan# 1071

Delta R.T. -0.08 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

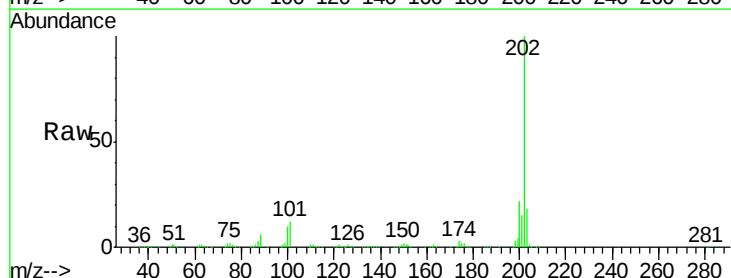
Tgt Ion:202 Resp: 864192

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.0

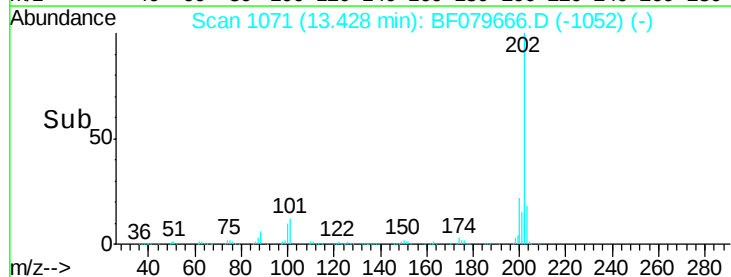
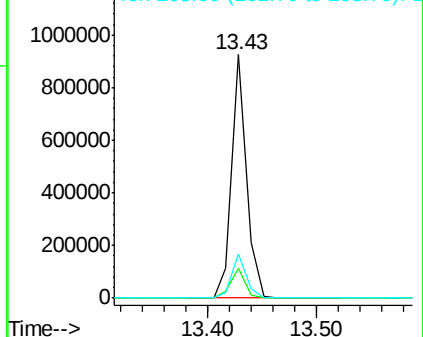
203 18.1 0.0 37.9

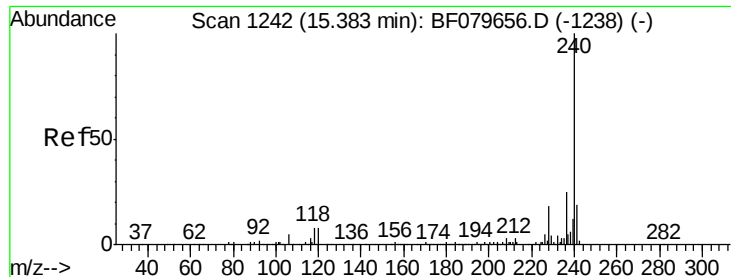


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

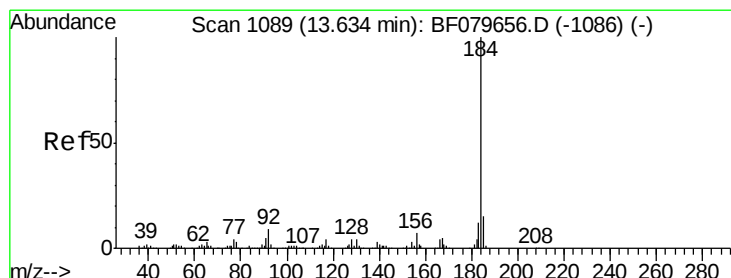
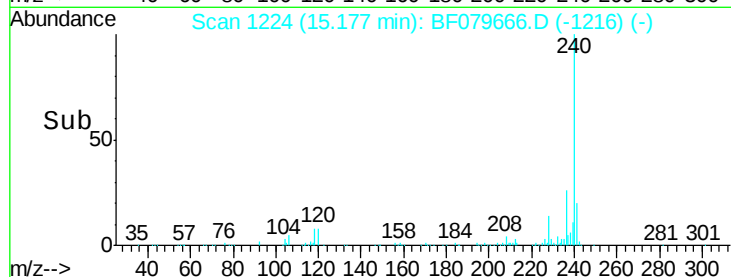
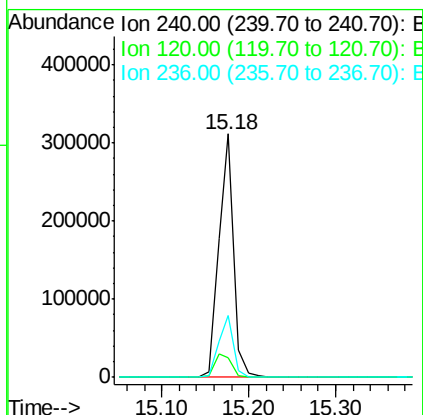
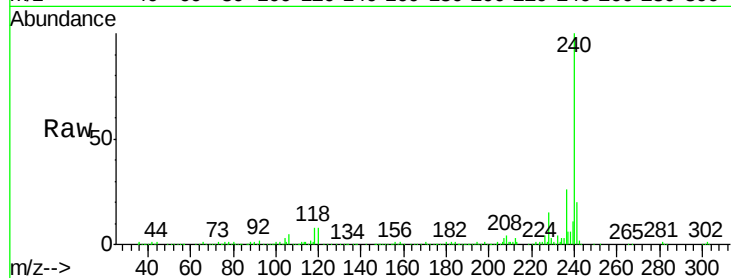




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1224
Delta R.T. -0.21 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

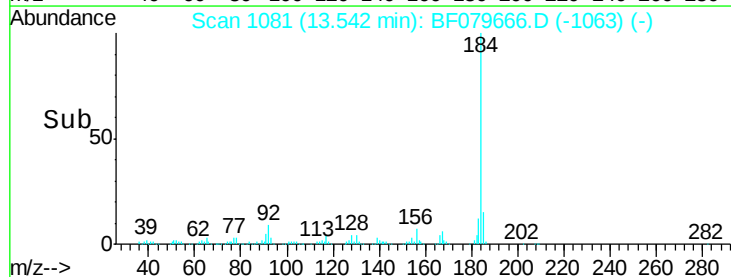
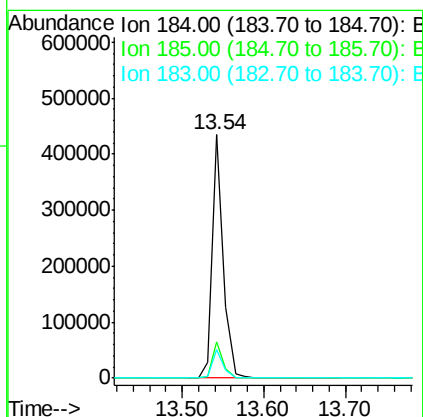
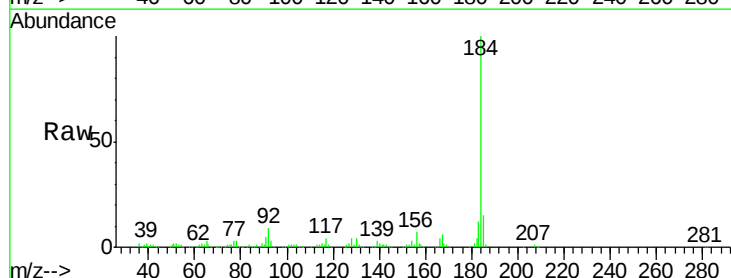
Instrument :
BNA_F
ClientSampleId :
PB83713BS

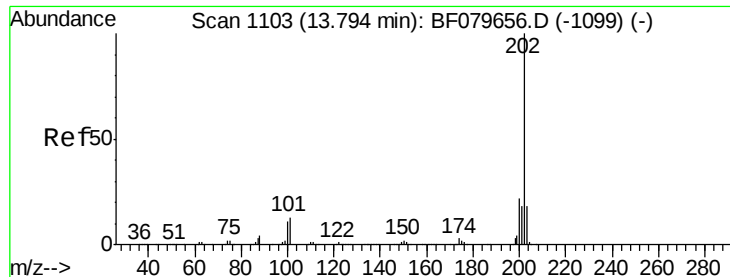
Tgt Ion:240 Resp: 371061
Ion Ratio Lower Upper
240 100
120 8.2 6.4 9.6
236 25.5 20.2 30.4



#76
Benzidine
Concen: 49.22 ng
RT: 13.54 min Scan# 1081
Delta R.T. -0.09 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion:184 Resp: 415434
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 11.5 9.2 13.8

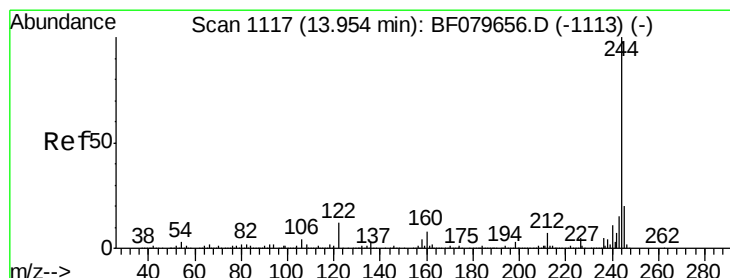
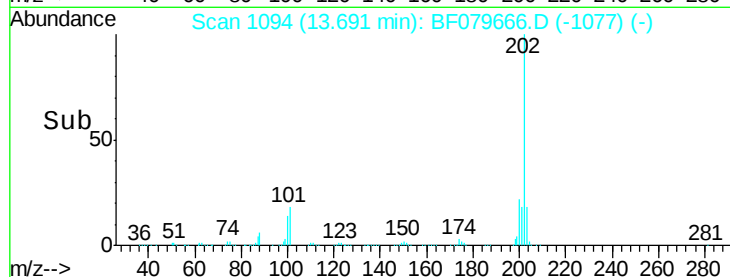
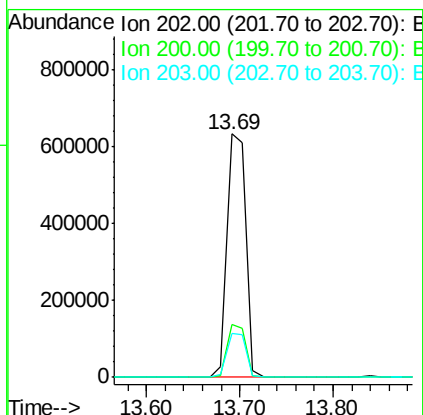
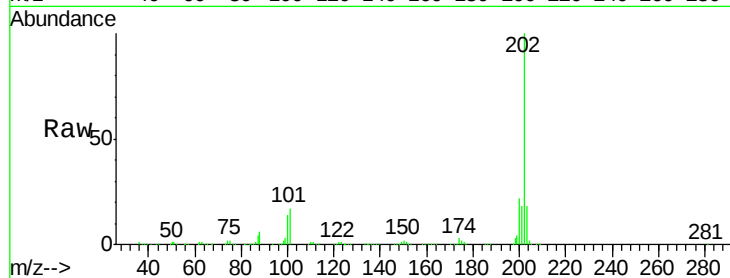




#77
Pyrene
Concen: 41.43 ng
RT: 13.69 min Scan# 1094
Delta R.T. -0.10 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

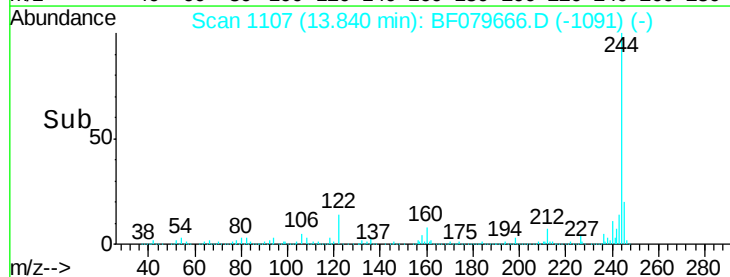
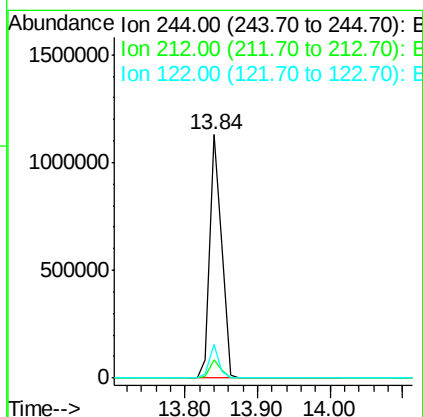
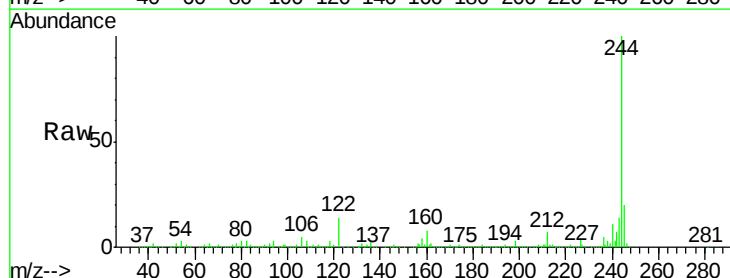
Instrument :
BNA_F
ClientSampleId :
PB83713BS

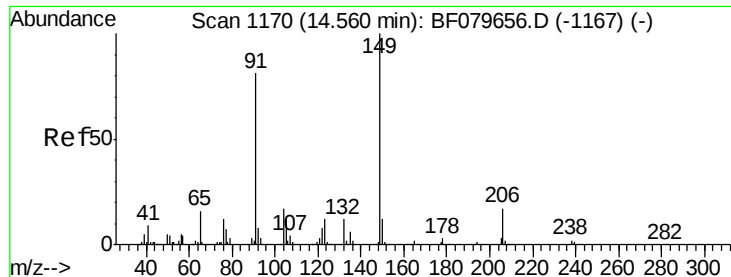
Tgt Ion: 202 Resp: 885105
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.0
203 18.1 14.5 21.7



#78
Terphenyl-d14
Concen: 87.59 ng
RT: 13.84 min Scan# 1107
Delta R.T. -0.11 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion: 244 Resp: 1279131
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 14.0 9.8 14.6

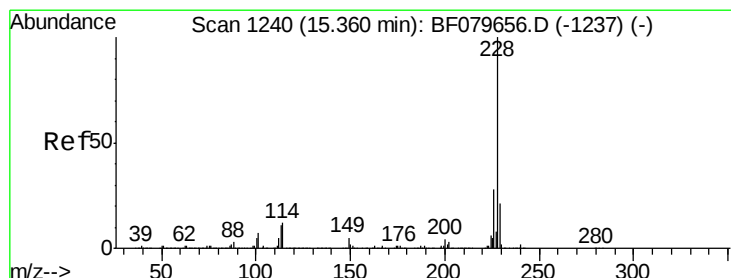
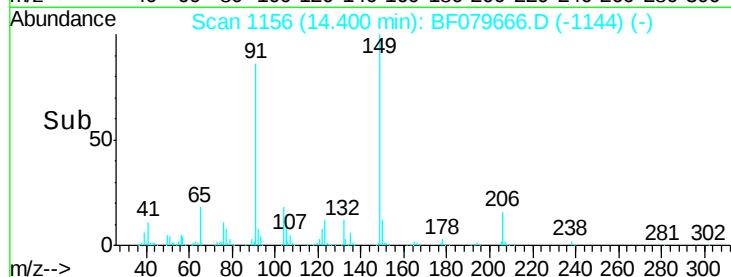
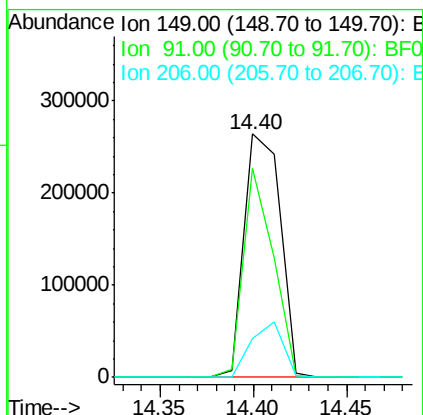
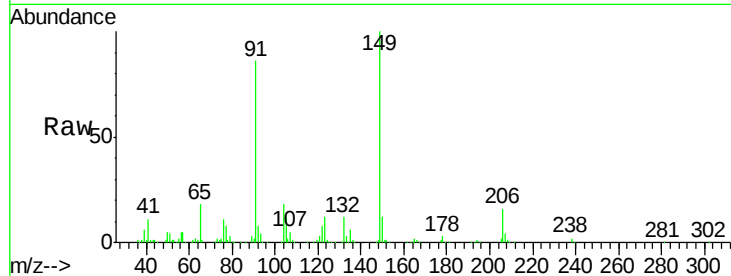




#79
Butylbenzylphthalate
Concen: 48.16 ng
RT: 14.40 min Scan# 1156
Delta R.T. -0.16 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

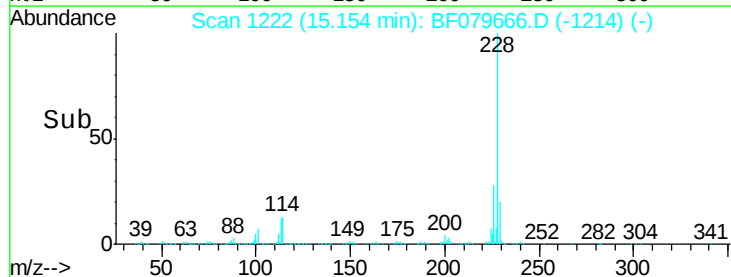
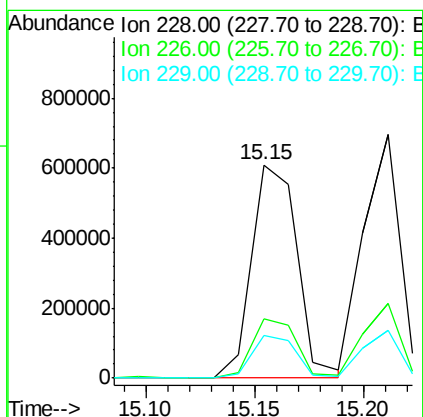
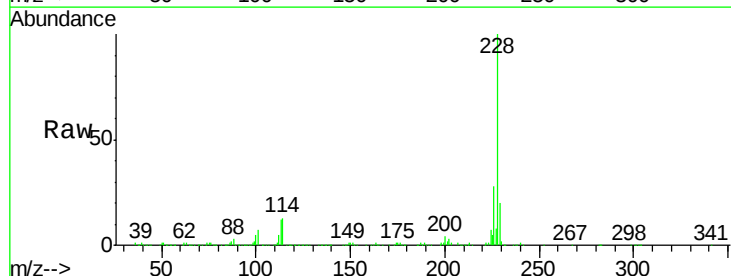
Instrument :
BNA_F
ClientSampleId :
PB83713BS

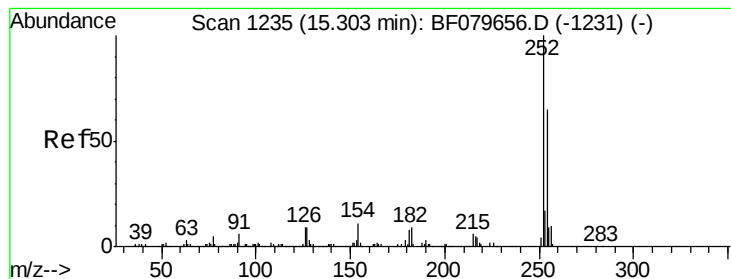
Tgt Ion:149 Resp: 355631
Ion Ratio Lower Upper
149 100
91 85.7 64.4 96.6
206 15.9 13.6 20.4



#80
Benzo(a)anthracene
Concen: 43.87 ng
RT: 15.15 min Scan# 1222
Delta R.T. -0.21 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion:228 Resp: 890262
Ion Ratio Lower Upper
228 100
226 27.7 22.5 33.7
229 20.1 16.6 24.8





#81

3,3'-Dichlorobenzidine

Concen: 50.35 ng

RT: 15.10 min Scan# 1217

Delta R.T. -0.21 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

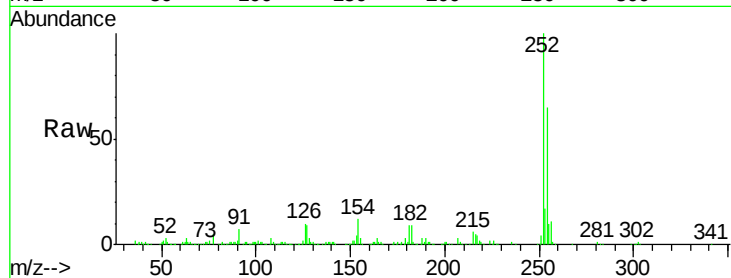
Tgt Ion:252 Resp: 305204

Ion Ratio Lower Upper

252 100

254 65.4 51.6 77.4

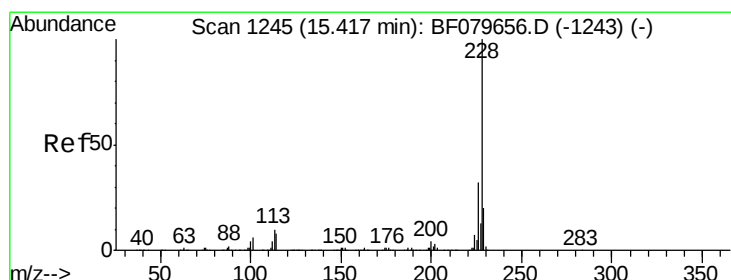
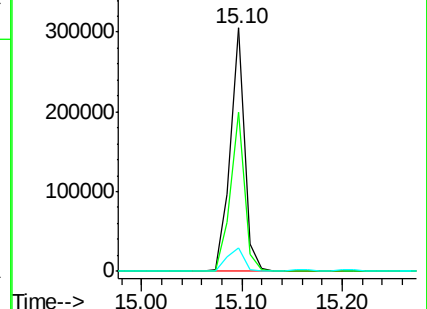
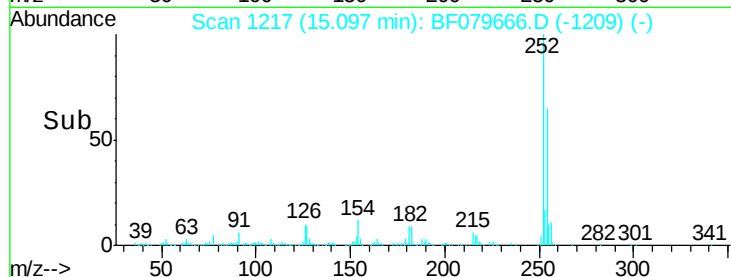
126 9.8 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.77 ng

RT: 15.21 min Scan# 1227

Delta R.T. -0.21 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

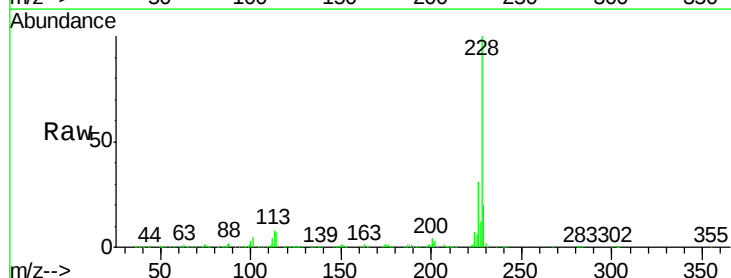
Tgt Ion:228 Resp: 832250

Ion Ratio Lower Upper

228 100

226 30.6 25.2 37.8

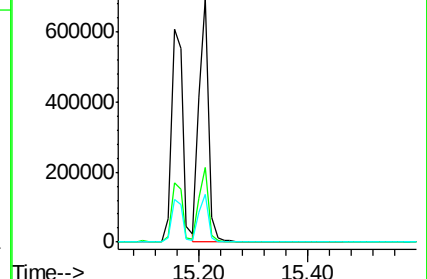
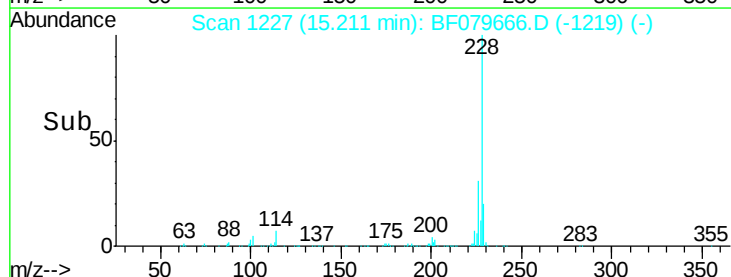
229 19.8 16.3 24.5

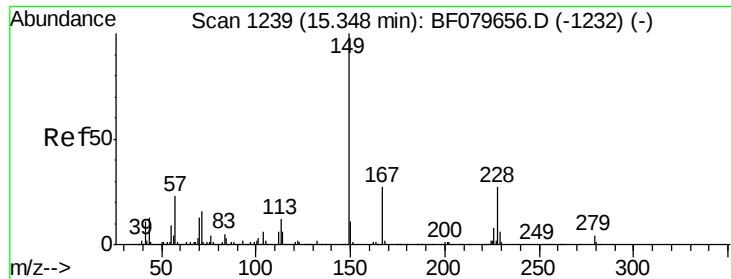


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

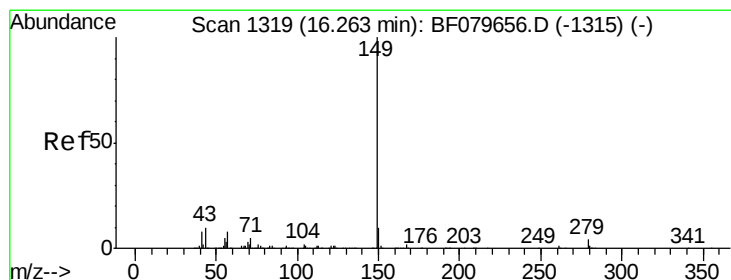
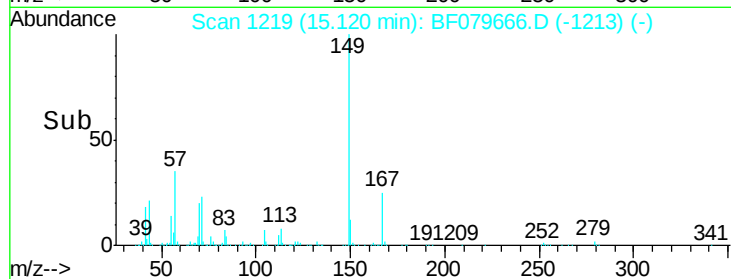
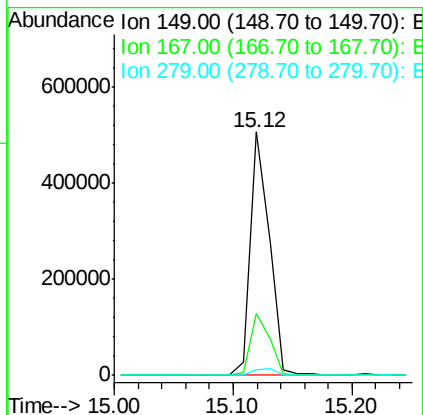
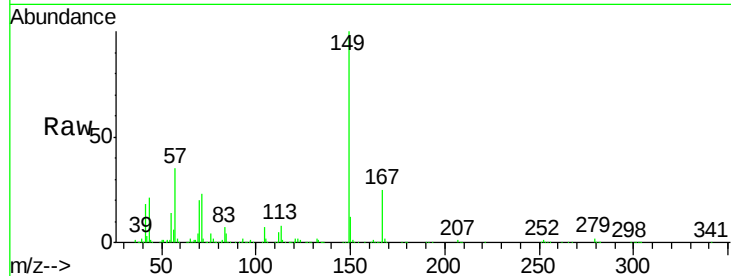




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.78 ng
 RT: 15.12 min Scan# 1219
 Delta R.T. -0.23 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

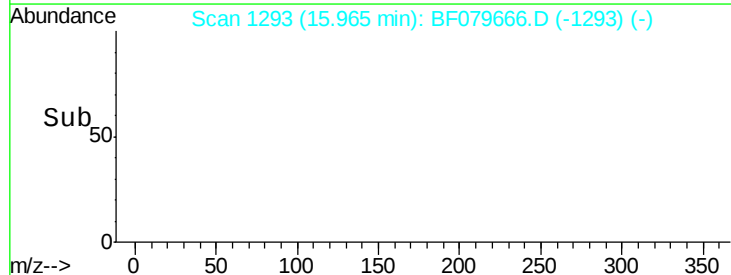
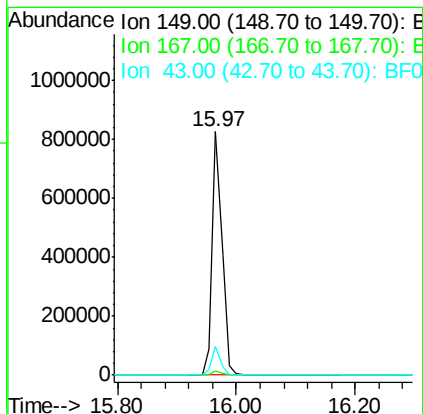
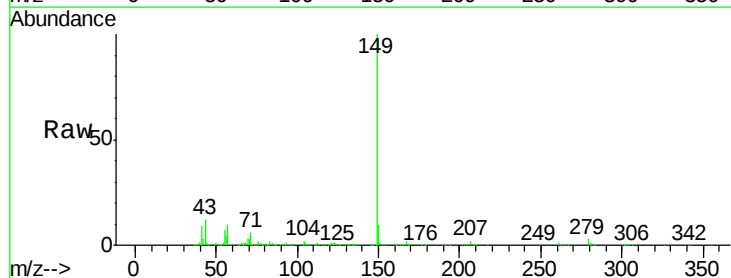
Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

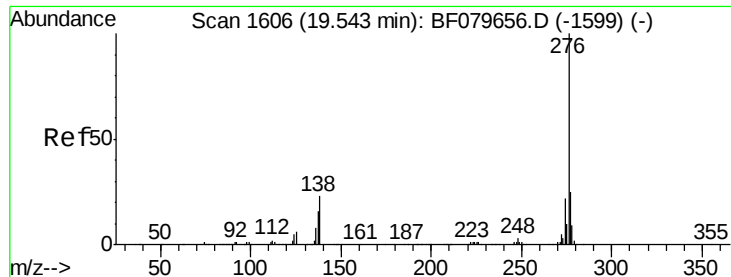
Tgt Ion:149 Resp: 568513
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.6 32.4
 279 2.3 3.1 4.7#



#84
 Di-n-octyl phthalate
 Concen: 51.21 ng
 RT: 15.97 min Scan# 1293
 Delta R.T. -0.30 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion:149 Resp: 938109
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.2 9.4 14.2

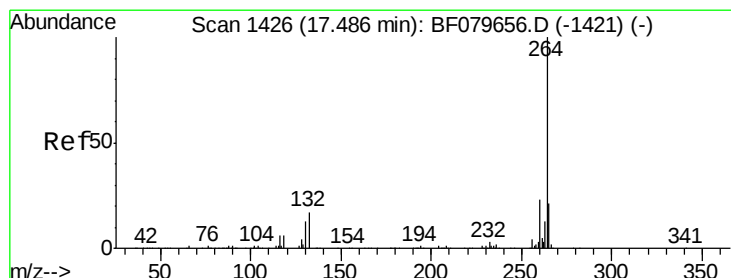
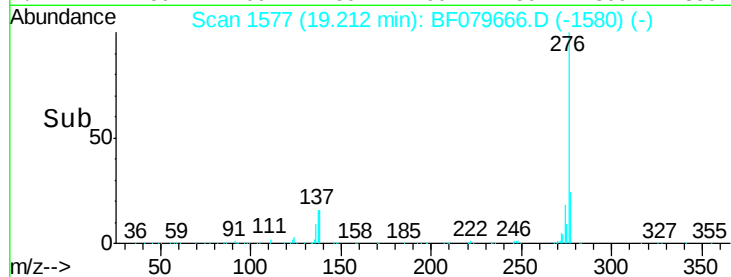
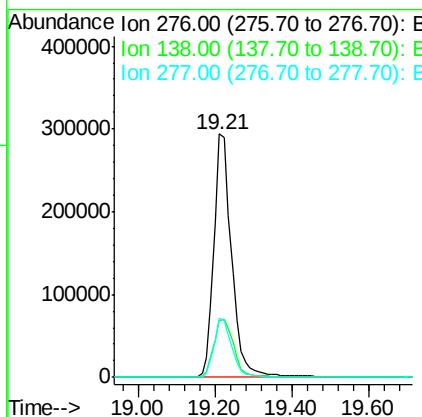
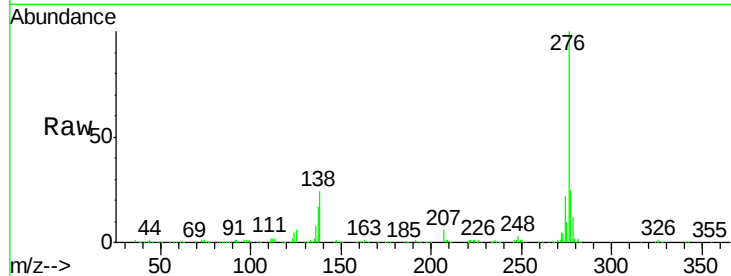




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.59 ng
 RT: 19.21 min Scan# 1577
 Delta R.T. -0.33 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

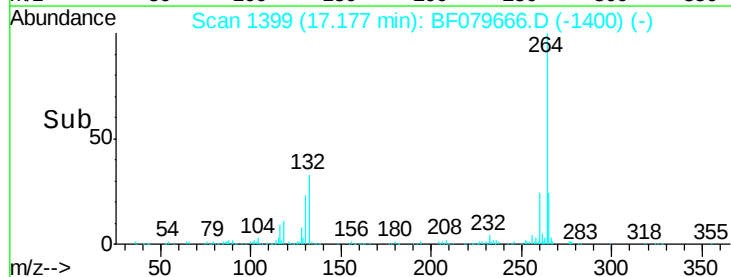
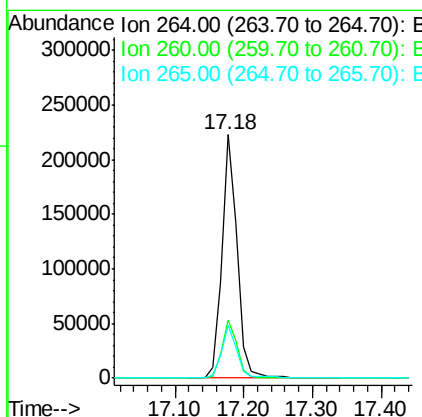
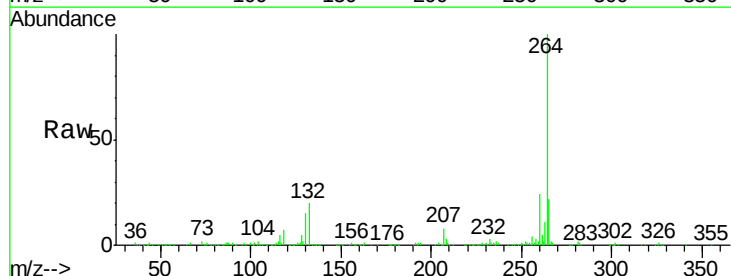
Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

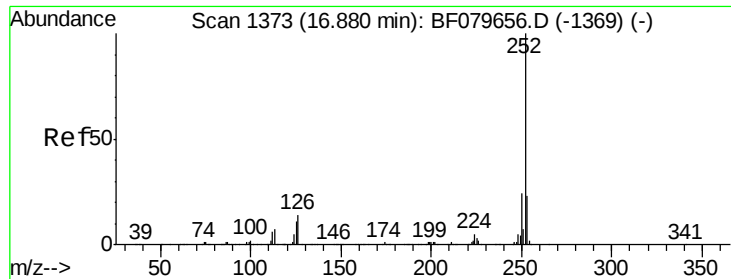
Tgt Ion: 276 Resp: 950217
 Ion Ratio Lower Upper
 276 100
 138 27.0 21.9 32.9
 277 24.5 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.18 min Scan# 1399
 Delta R.T. -0.31 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion: 264 Resp: 348772
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.7 17.4 26.0

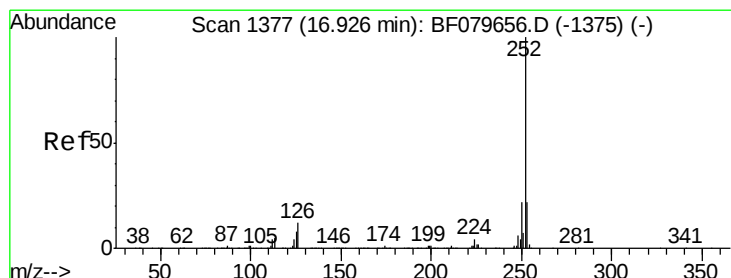
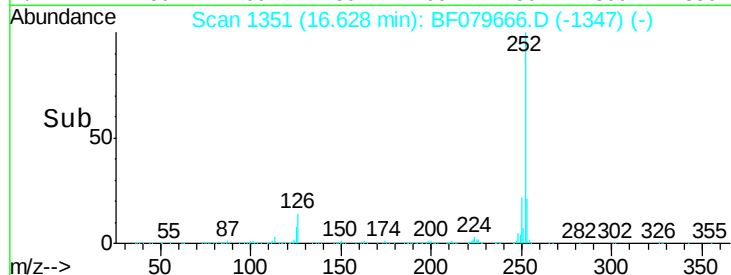
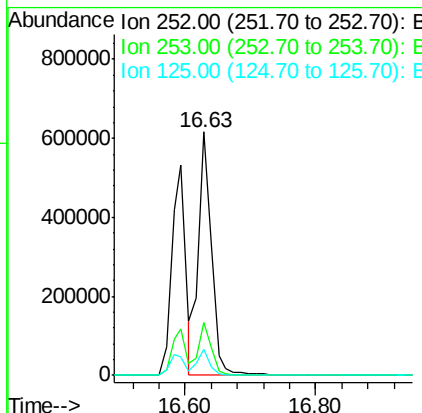
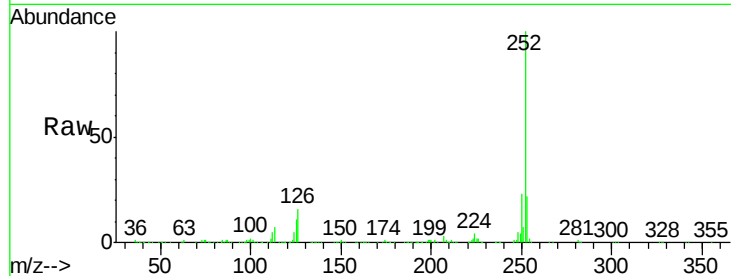




#87
Benzo(b)fluoranthene
Concen: 47.09 ng
RT: 16.63 min Scan# 1351
Delta R.T. -0.25 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

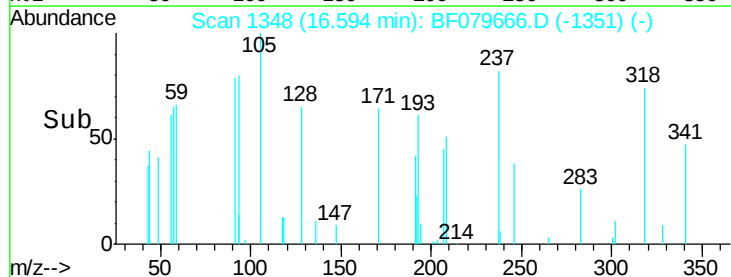
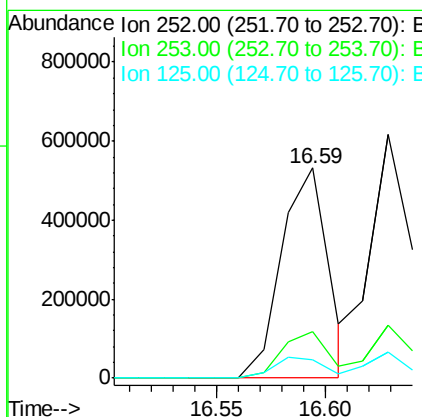
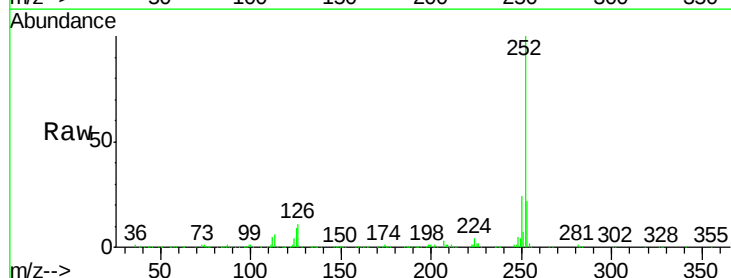
Instrument :
BNA_F
ClientSampleId :
PB83713BS

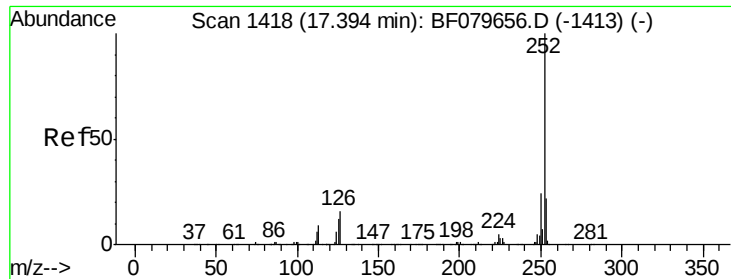
Tgt Ion: 252 Resp: 848725
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.9 8.7 13.1



#88
Benzo(k)fluoranthene
Concen: 37.70 ng
RT: 16.59 min Scan# 1348
Delta R.T. -0.33 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion: 252 Resp: 796047
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 8.6 7.1 10.7





#89

Benzo(a)pyrene

Concen: 44.60 ng

RT: 17.10 min Scan# 1392

Delta R.T. -0.30 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS

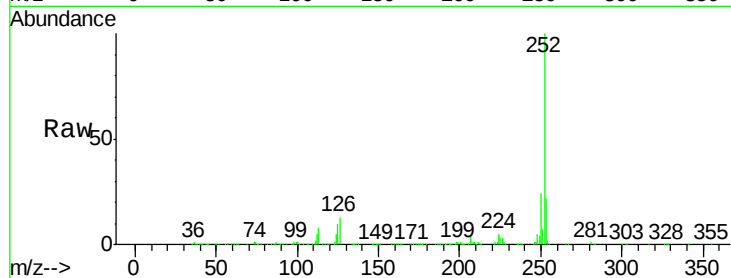
Tgt Ion:252 Resp: 786060

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

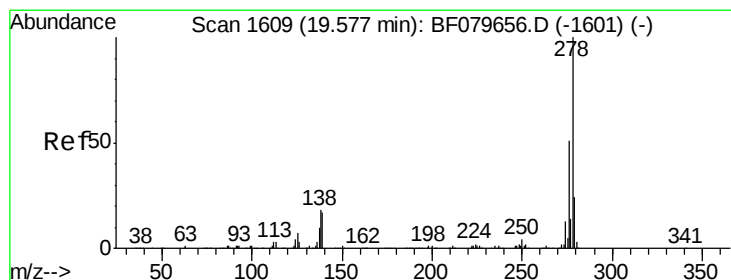
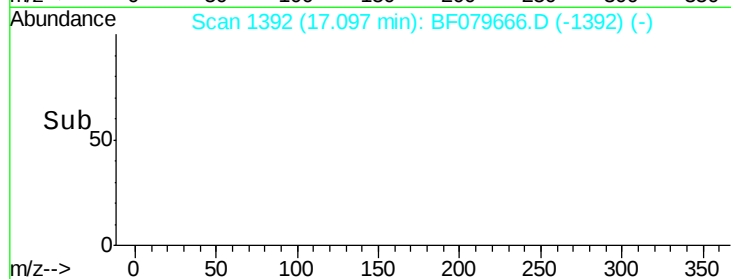
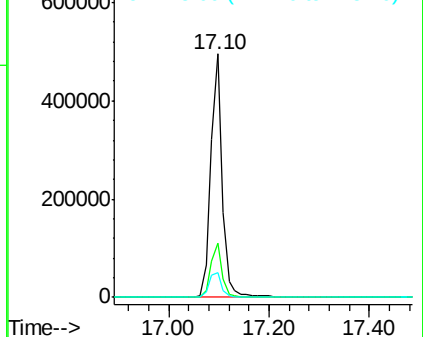
125 10.1 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.79 ng

RT: 19.25 min Scan# 1580

Delta R.T. -0.33 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

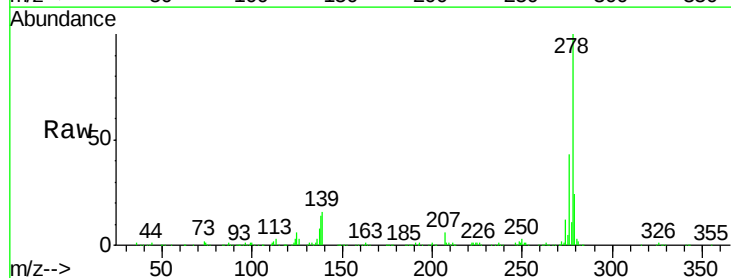
Tgt Ion:278 Resp: 772628

Ion Ratio Lower Upper

278 100

139 15.8 13.7 20.5

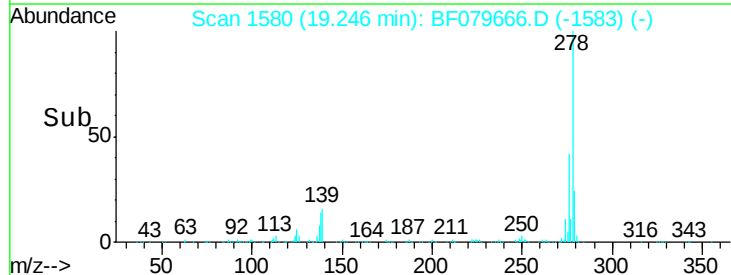
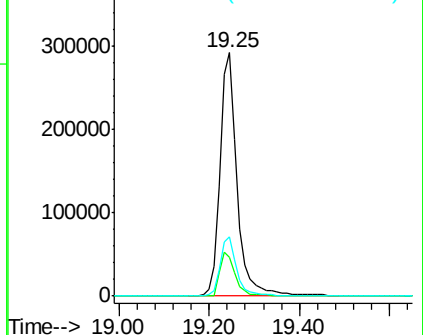
279 24.2 19.6 29.4

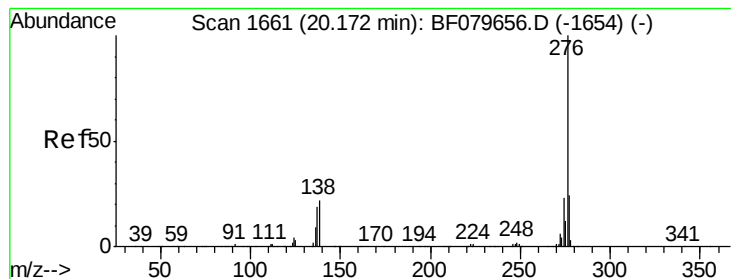


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.77 ng

RT: 19.83 min Scan# 1631

Delta R.T. -0.34 min

Lab File: BF079666.D

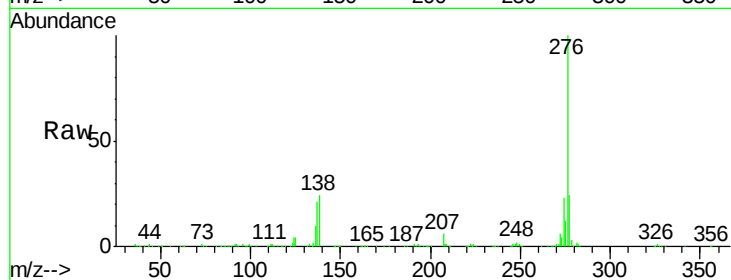
Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB83713BS



Tgt Ion: 276 Resp: 766676

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 24.4 17.4 26.0

