

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
 Data File : BF079668.D
 Acq On : 3 Jun 2015 18:14
 Operator : TP/IZ
 Sample : PB83719BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83719BSD

Quant Time: Jun 04 03:22:00 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	70998	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	262534	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	129379	20.00	ng	0.00
63) Phenanthrene-d10	12.10	188	259192	20.00	ng	-0.03
75) Chrysene-d12	15.13	240	290661	20.00	ng	-0.25
86) Perylene-d12	17.11	264	268972	20.00	ng	-0.38

System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	400735	102.33	ng	0.00
7) Phenol-d6	7.11	99	536182	104.72	ng	0.00
23) Nitrobenzene-d5	8.08	82	457117	99.21	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	109802	102.83	ng	-0.01
44) 2-Fluorobiphenyl	9.88	172	1032490	123.82	ng	0.00
78) Terphenyl-d14	13.83	244	1349418	119.71	ng	-0.13

Target Compounds					Qvalue
2) 1,4-Dioxane	3.62	88	69460	38.36	ng 99
3) Pyridine	4.32	79	203023	39.01	ng 98
4) n-Nitrosodimethylamine	4.24	42	91490	39.43	ng 98
6) Aniline	7.18	93	199332	27.01	ng 99
8) 2-Chlorophenol	7.30	128	207086	45.49	ng 96
9) Benzaldehyde	7.06	77	67363	22.60	ng 100
10) Phenol	7.12	94	263837	47.85	ng 97
11) bis(2-Chloroethyl)ether	7.23	93	190482	43.34	ng 97
12) 1,3-Dichlorobenzene	7.46	146	223568	42.96	ng 98
13) 1,4-Dichlorobenzene	7.54	146	225102	42.29	ng 98
14) 1,2-Dichlorobenzene	7.54	146	225102	46.72	ng 99
15) Benzyl Alcohol	7.63	79	160707	42.87	ng 100
16) 2,2'-oxybis(1-Chloropropan	7.78	45	316863	43.24	ng 99
17) 2-Methylphenol	7.74	107	170809	45.45	ng 97
18) Hexachloroethane	8.04	117	73114	41.96	ng 94
19) n-Nitroso-di-n-propylamine	7.91	70	156482	44.47	ng 96
20) 3+4-Methylphenols	7.88	107	218712	43.94	ng 99
22) Acetophenone	7.92	105	279291	45.46	ng # 97
24) Nitrobenzene	8.09	77	202365	46.00	ng 98
25) Isophorone	8.33	82	390610	43.65	ng 98
26) 2-Nitrophenol	8.41	139	58801	40.47	ng 93
27) 2,4-Dimethylphenol	8.42	122	183097	44.71	ng 89
28) bis(2-Chloroethoxy)methane	8.52	93	233031	45.33	ng 99
29) 2,4-Dichlorophenol	8.65	162	181923	49.81	ng 97
30) 1,2,4-Trichlorobenzene	8.75	180	182093	44.24	ng 99
31) Naphthalene	8.83	128	601013	43.79	ng 98
32) Benzoic acid	8.48	122	48898	43.46	ng 96
33) 4-Chloroaniline	8.87	127	241999	32.43	ng 97
34) Hexachlorobutadiene	8.95	225	104379	45.24	ng 97
35) Caprolactam	9.20	113	49149	48.88	ng # 75
36) 4-Chloro-3-methylphenol	9.32	107	172621	46.31	ng 97
37) 2-Methylnaphthalene	9.53	142	417179	45.56	ng 98
39) 1,2,4,5-Tetrachlorobenzene	9.70	216	193470	46.60	ng 98
40) Hexachlorocyclopentadiene	9.69	237	191847	96.92	ng 100

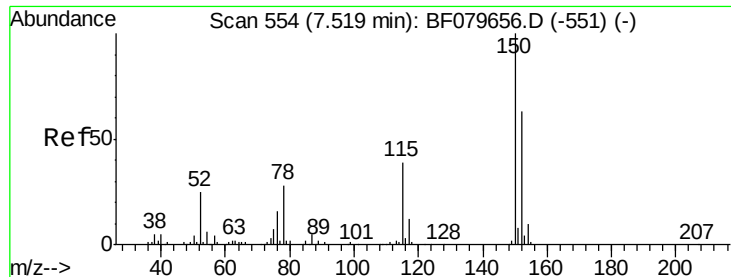
Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	107804	47.75	ng	99
43) 2,4,5-Trichlorophenol	9.84	196	132636	53.03	ng	96
45) 1,1'-Biphenyl	9.99	154	477940	47.90	ng	95
46) 2-Chloronaphthalene	10.02	162	372677	47.68	ng	# 91
47) 2-Nitroaniline	10.10	65	83178	51.68	ng	93
48) Acenaphthylene	10.44	152	584438	45.10	ng	99
49) Dimethylphthalate	10.27	163	469506	49.53	ng	99
50) 2,6-Dinitrotoluene	10.34	165	77097	51.20	ng	# 82
51) Acenaphthene	10.63	154	369400	47.04	ng	99
52) 3-Nitroaniline	10.51	138	74736	40.23	ng	89
53) 2,4-Dinitrophenol	10.62	184	42423	99.07	ng	81
54) Dibenzofuran	10.80	168	546441	47.94	ng	96
55) 4-Nitrophenol	10.65	139	156057	104.16	ng	97
56) 2,4-Dinitrotoluene	10.75	165	87426	46.37	ng	# 87
57) Fluorene	11.14	166	458823	49.26	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.90	232	97272	56.12	ng	99
59) Diethylphthalate	10.98	149	454472	49.92	ng	97
60) 4-Chlorophenyl-phenylether	11.12	204	195864	46.59	ng	# 79
61) 4-Nitroaniline	11.13	138	92833	50.66	ng	90
62) Azobenzene	11.28	77	402982	47.35	ng	91
64) 4,6-Dinitro-2-methylphenol	11.16	198	26925	37.80	ng	# 68
65) n-Nitrosodiphenylamine	11.23	169	379264	46.60	ng	99
66) 4-Bromophenyl-phenylether	11.62	248	128788	49.52	ng	91
67) Hexachlorobenzene	11.71	284	139157	45.53	ng	# 89
68) Atrazine	11.76	200	117900	56.56	ng	96
69) Pentachlorophenol	11.90	266	138066	123.33	ng	98
70) Phenanthrene	12.14	178	671903	46.89	ng	99
71) Anthracene	12.18	178	677776	47.01	ng	99
72) Carbazole	12.33	167	630569	47.63	ng	99
73) Di-n-butylphthalate	14.38	149	289377	51.25	ng	98
74) Fluoranthene	13.42	202	748059	48.41	ng	96
76) Benzidine	13.53	184	327592	49.54	ng	98
77) Pyrene	13.68	202	788824	47.13	ng	99
79) Butylbenzylphthalate	14.38	149	289377	49.67	ng	91
80) Benzo(a)anthracene	15.12	228	767528	48.29	ng	99
81) 3,3'-Dichlorobenzidine	15.05	252	209361	44.09	ng	# 96
82) Chrysene	15.17	228	750437	46.93	ng	100
83) Bis(2-ethylhexyl)phthalate	15.09	149	455506	47.78	ng	99
84) Di-n-octyl phthalate	15.91	149	766874	53.00	ng	99
85) Indeno(1,2,3-cd)pyrene	19.14	276	824902	52.75	ng	98
87) Benzo(b)fluoranthene	16.53	252	761149	54.76	ng	99
88) Benzo(k)fluoranthene	16.57	252	739412	45.41	ng	99
89) Benzo(a)pyrene	17.03	252	730350	53.74	ng	100
90) Dibenzo(a,h)anthracene	19.17	278	679241	53.34	ng	98
91) Benzo(g,h,i)perylene	19.75	276	690667	51.13	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

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Acq: 3 Jun 2015 18:14

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PB83719BSD

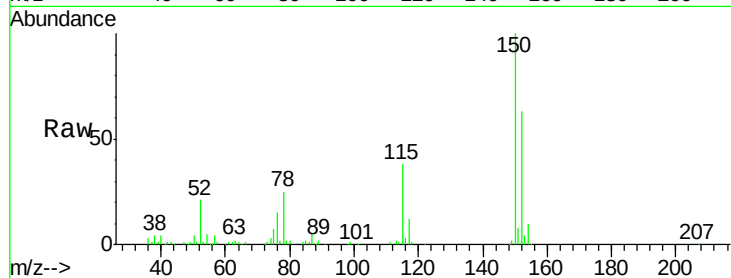
Tgt Ion:152 Resp: 70998

Ion Ratio Lower Upper

152 100

150 159.1 126.7 190.1

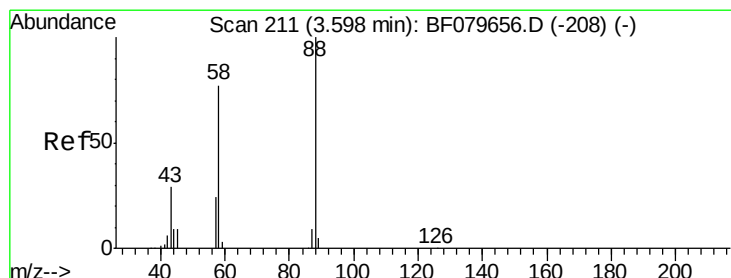
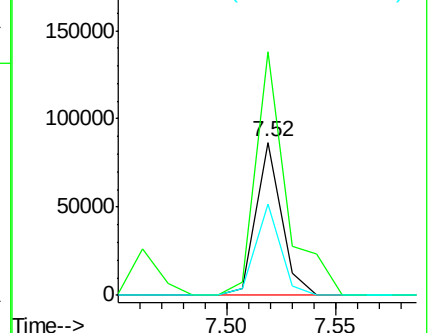
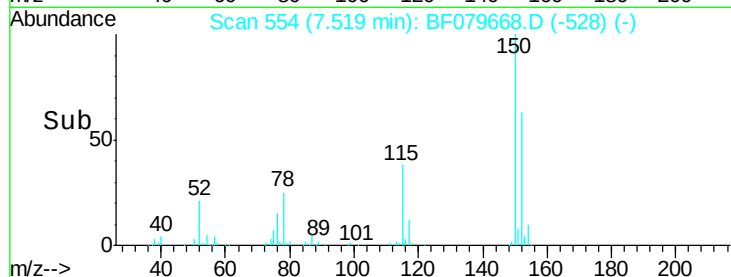
115 59.9 49.2 73.8



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: 38.36 ng

RT: 3.62 min Scan# 213

Delta R.T. 0.02 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

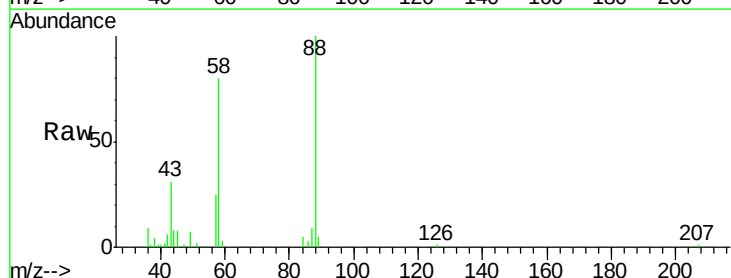
Tgt Ion: 88 Resp: 69460

Ion Ratio Lower Upper

88 100

58 79.2 64.2 96.2

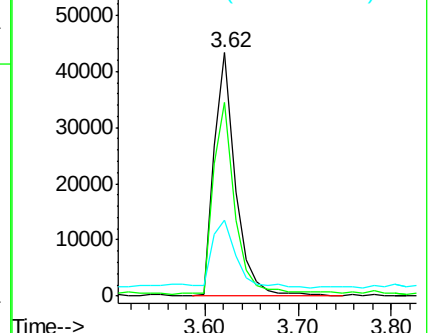
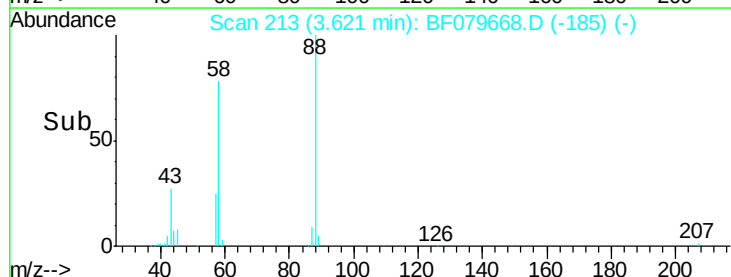
43 31.2 24.4 36.6

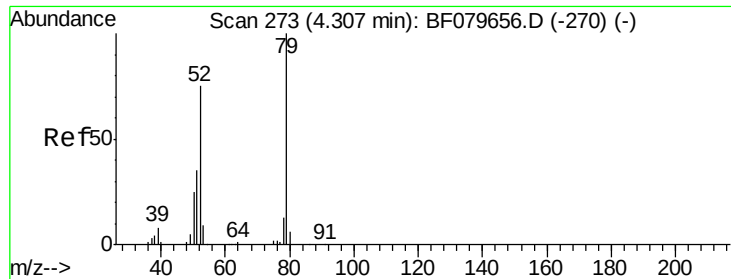


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.01 ng

RT: 4.32 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PB83719BSD

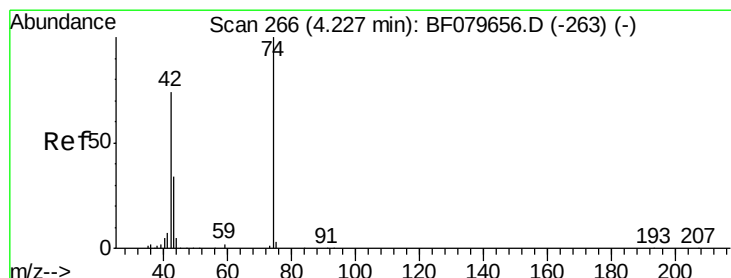
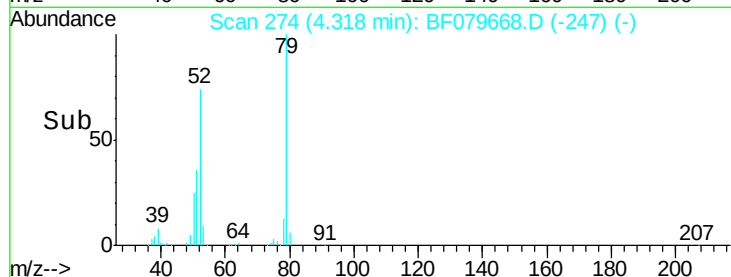
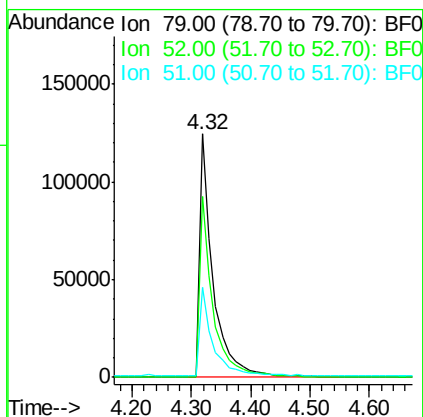
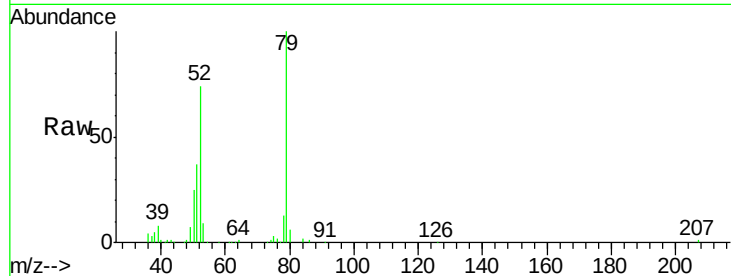
Tgt Ion: 79 Resp: 203023

Ion Ratio Lower Upper

79 100

52 74.0 60.1 90.1

51 36.9 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 39.43 ng

RT: 4.24 min Scan# 267

Delta R.T. 0.01 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

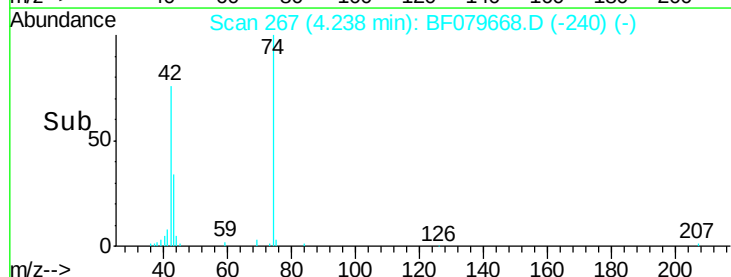
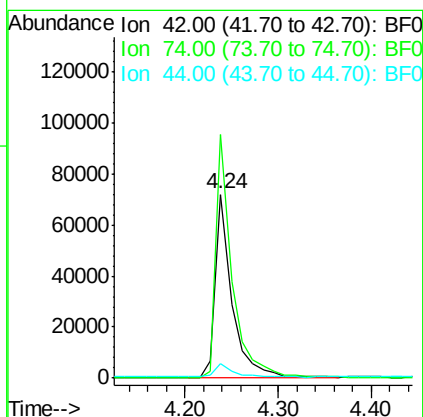
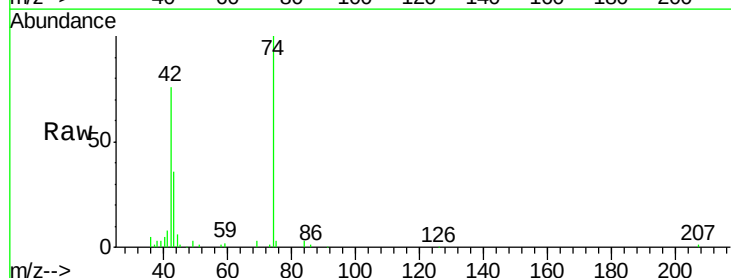
Tgt Ion: 42 Resp: 91490

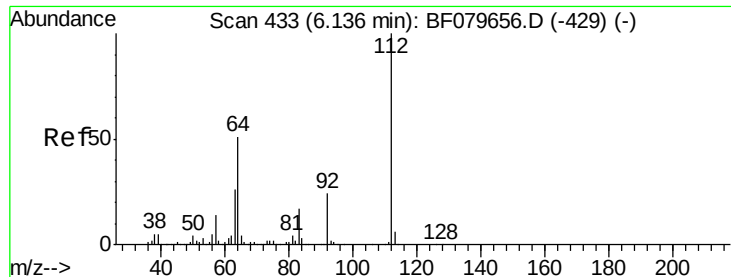
Ion Ratio Lower Upper

42 100

74 132.4 107.5 161.3

44 7.8 6.2 9.2





#5

2-Fluorophenol

Concen: 102.33 ng

RT: 6.14 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PB83719BSD

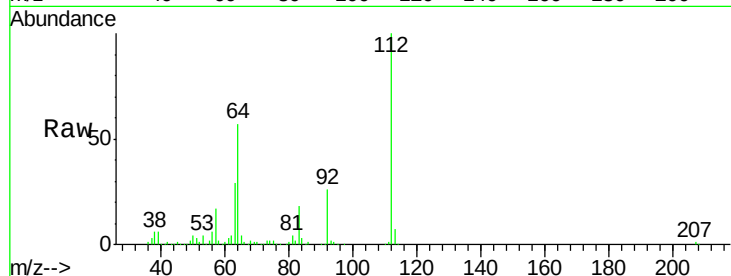
Tgt Ion: 112 Resp: 400735

Ion Ratio Lower Upper

112 100

64 57.3 41.1 61.7

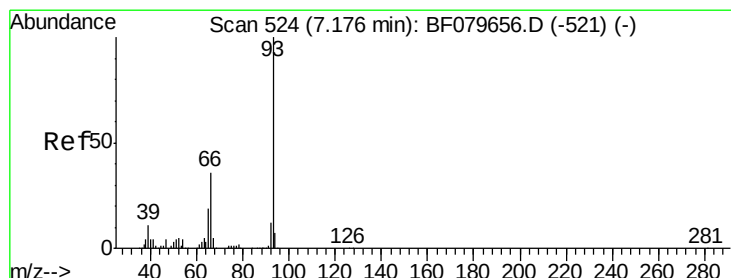
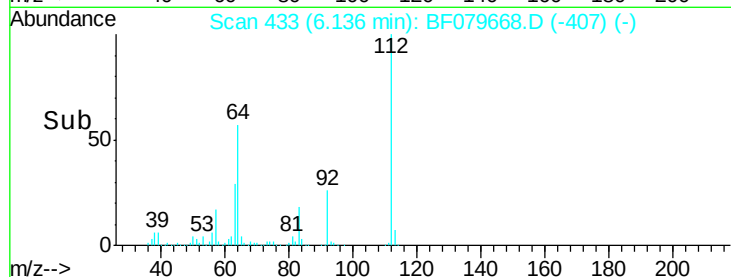
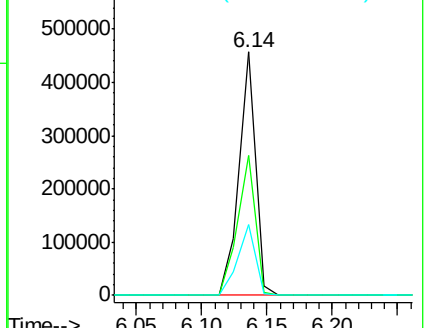
63 29.0 20.5 30.7



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: 27.01 ng

RT: 7.18 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

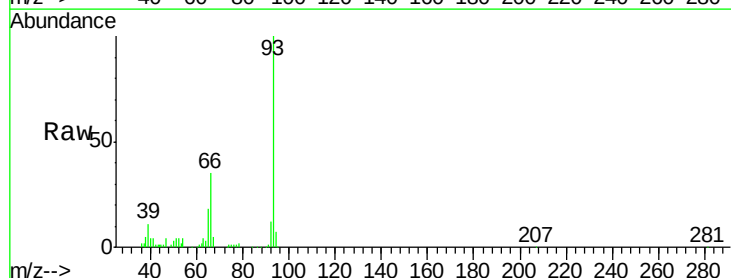
Tgt Ion: 93 Resp: 199332

Ion Ratio Lower Upper

93 100

66 35.4 28.5 42.7

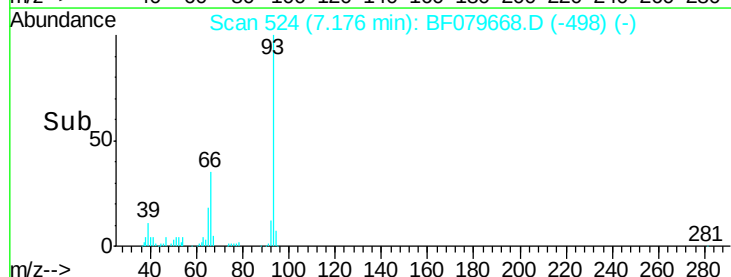
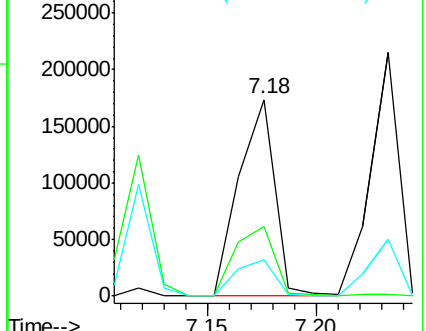
65 18.4 15.0 22.6

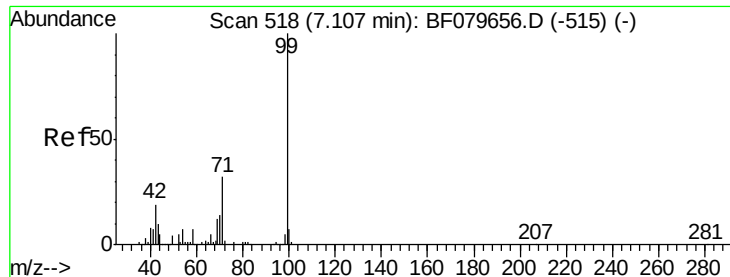


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 104.72 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079668.D

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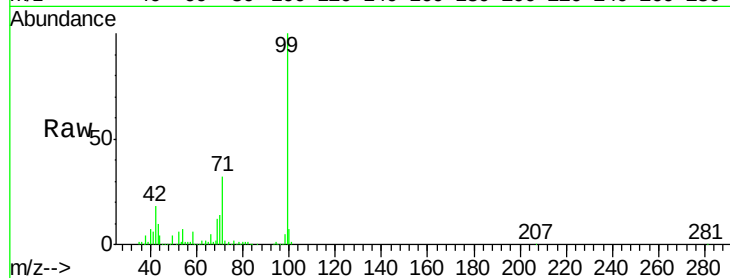
Tgt Ion: 99 Resp: 536182

Ion Ratio Lower Upper

99 100

42 18.3 15.2 22.8

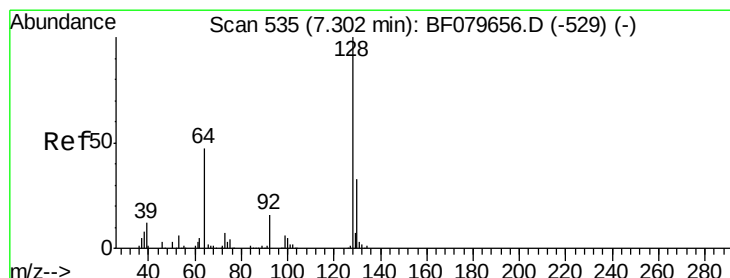
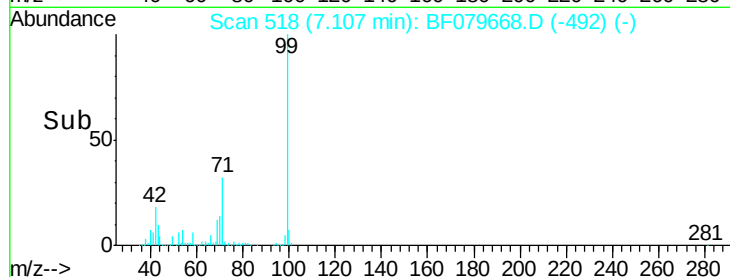
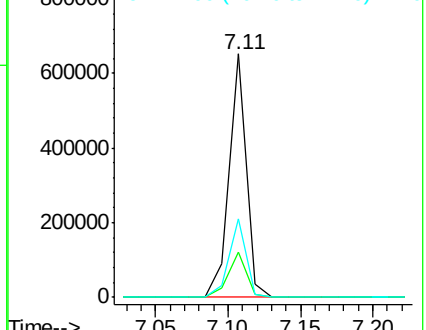
71 32.2 25.9 38.9



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: 45.49 ng

RT: 7.30 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

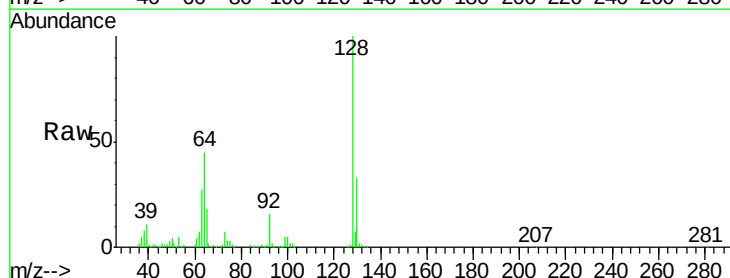
Tgt Ion: 128 Resp: 207086

Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

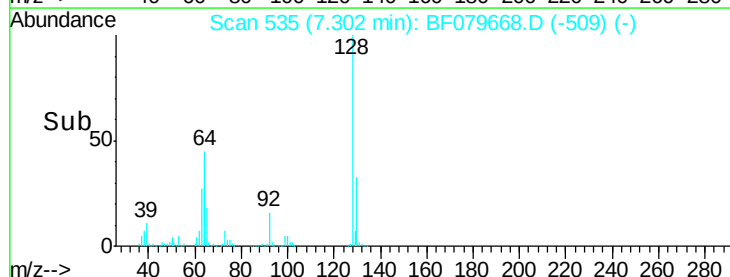
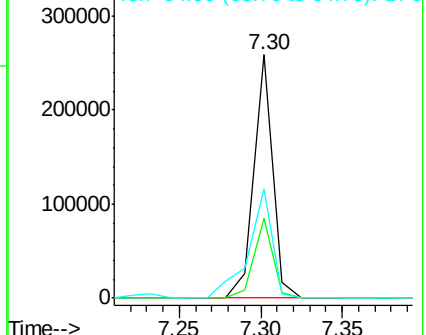
64 44.9 29.0 69.0

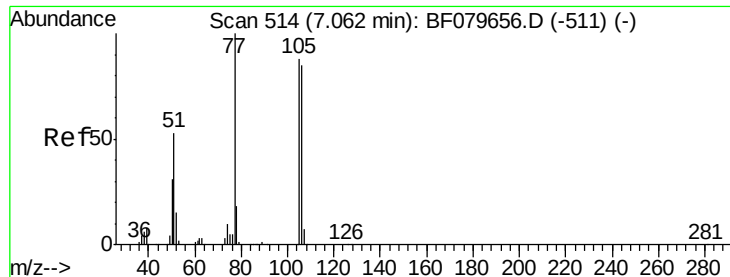


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.60 ng

RT: 7.06 min Scan# 514

Delta R.T. -0.00 min

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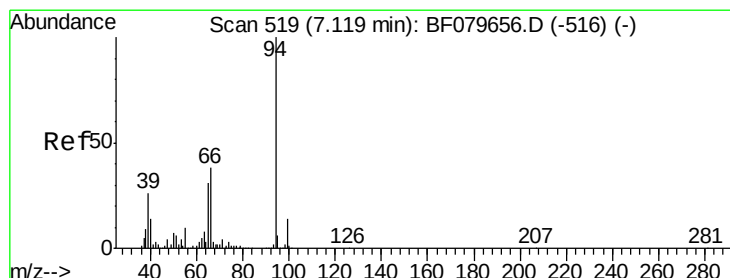
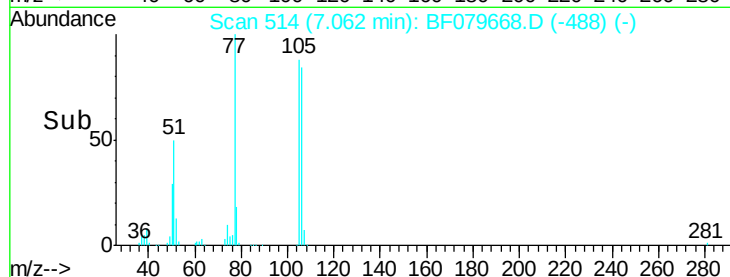
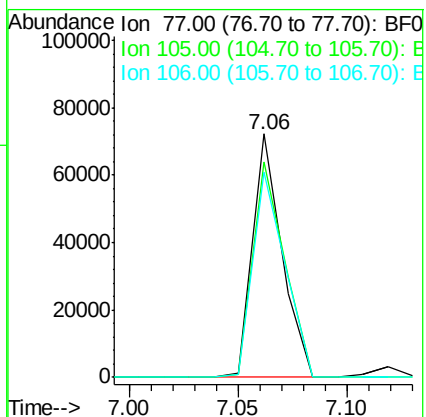
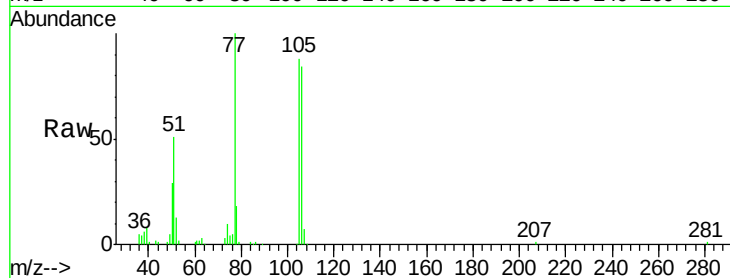
Tgt Ion: 77 Resp: 67363

Ion Ratio Lower Upper

77 100

105 88.3 68.2 108.2

106 84.3 64.9 104.9



#10

Phenol

Concen: 47.85 ng

RT: 7.12 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

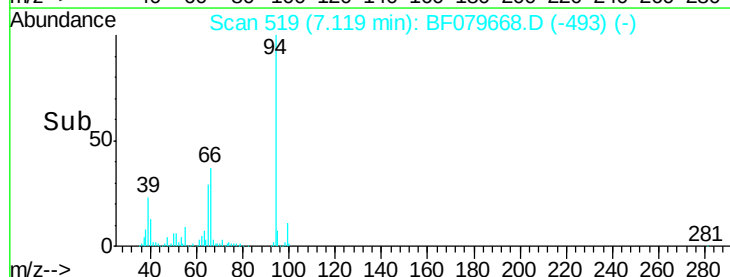
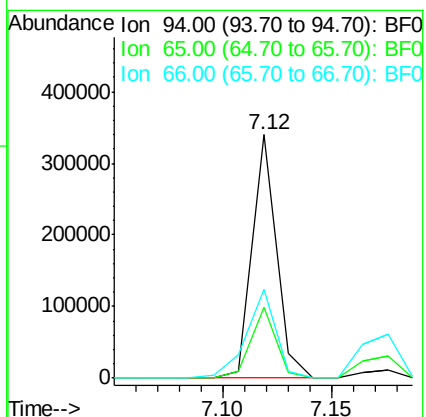
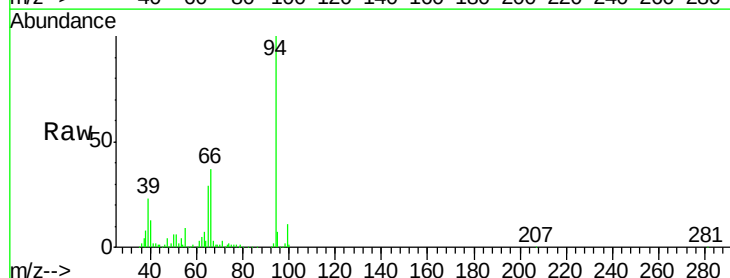
Tgt Ion: 94 Resp: 263837

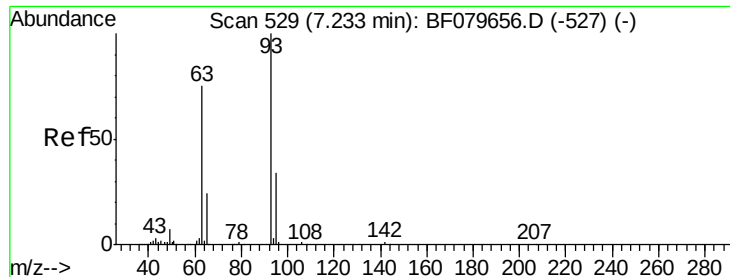
Ion Ratio Lower Upper

94 100

65 29.1 10.9 50.9

66 36.5 18.1 58.1



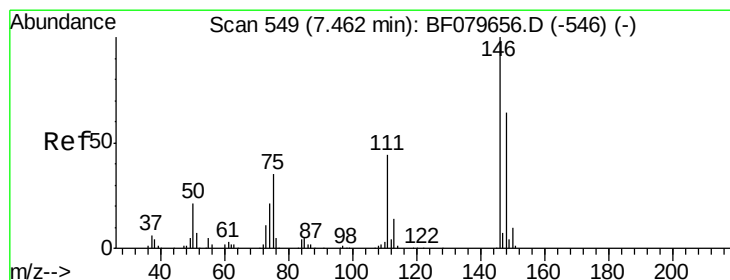
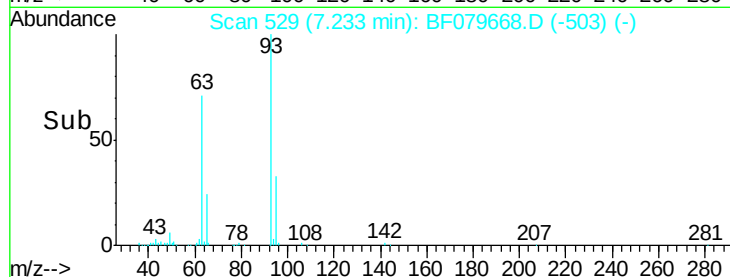
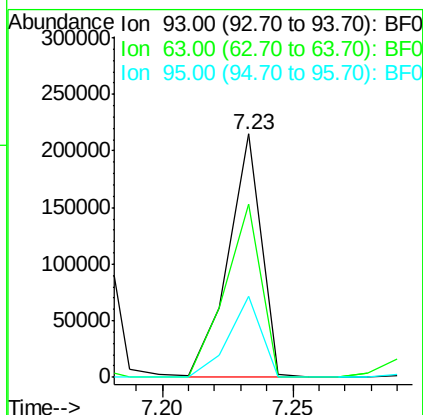
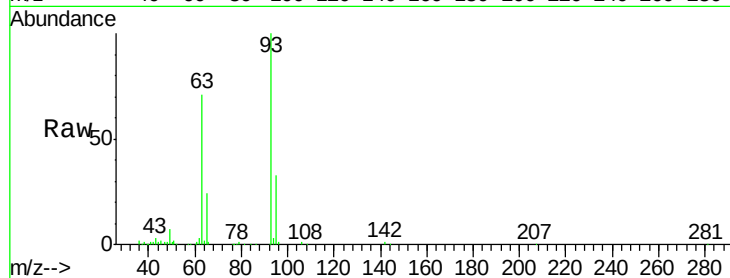


#11
bis(2-Chloroethyl)ether
Concen: 43.34 ng
RT: 7.23 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83719BSD

Tgt Ion: 93 Resp: 190482

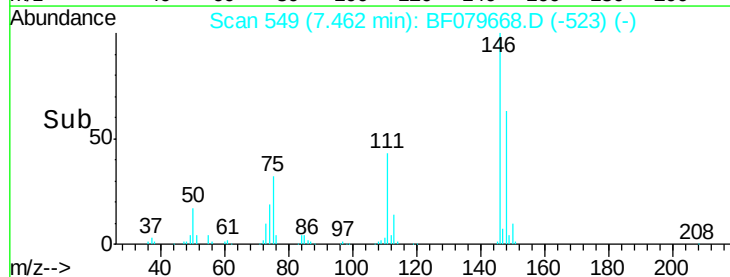
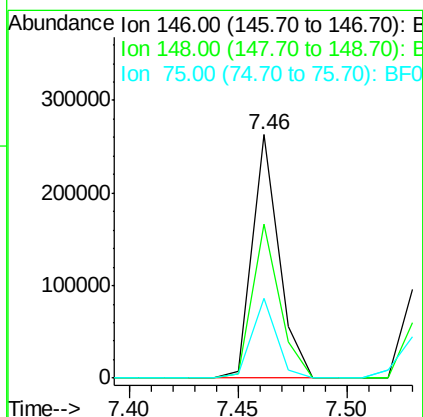
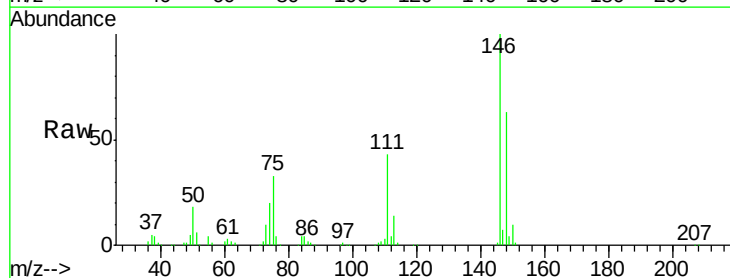
Ion	Ratio	Lower	Upper
93	100		
63	71.4	54.7	94.7
95	33.3	13.5	53.5

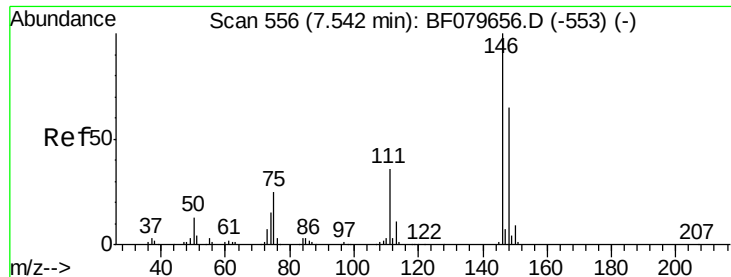


#12
1,3-Dichlorobenzene
Concen: 42.96 ng
RT: 7.46 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Tgt Ion: 146 Resp: 223568

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
75	32.7	28.2	42.4

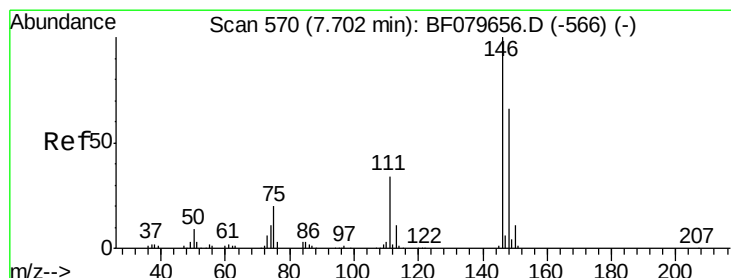
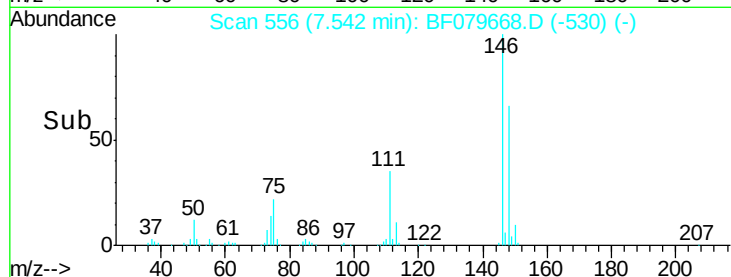
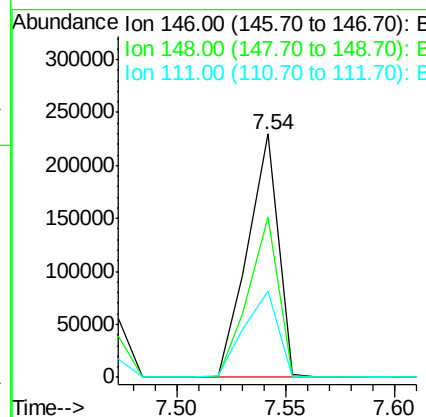
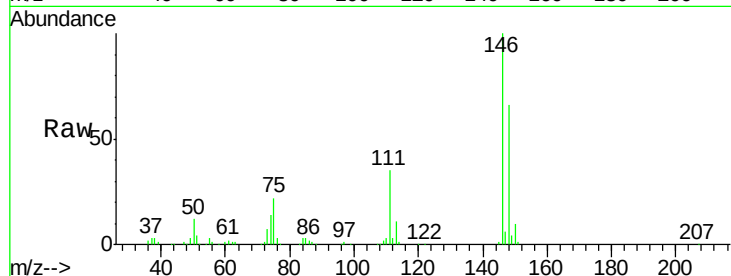




#13
 1,4-Dichlorobenzene
 Concen: 42.29 ng
 RT: 7.54 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

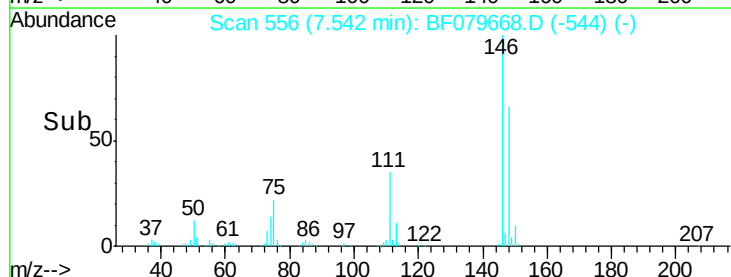
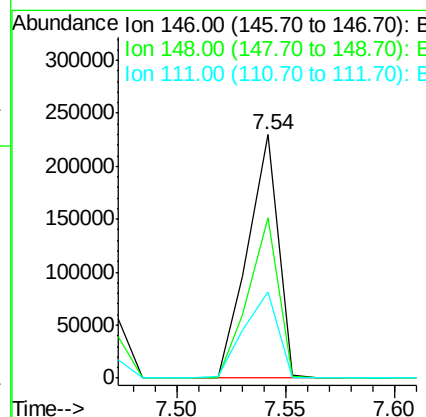
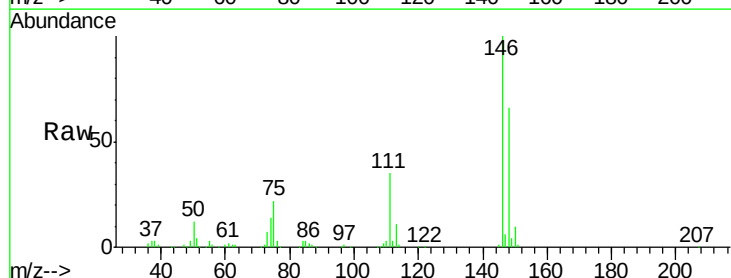
Instrument :
 BNA_F
 ClientSampleId :
 PB83719BSD

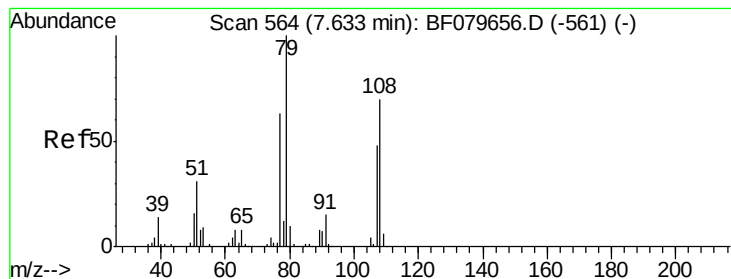
Tgt Ion:146 Resp: 225102
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.1 78.1
 111 35.1 29.1 43.7



#14
 1,2-Dichlorobenzene
 Concen: 46.72 ng
 RT: 7.54 min Scan# 556
 Delta R.T. -0.16 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Tgt Ion:146 Resp: 225102
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.6 79.0
 111 35.1 27.3 40.9





#15

Benzyl Alcohol

Concen: 42.87 ng

RT: 7.63 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PB83719BSD

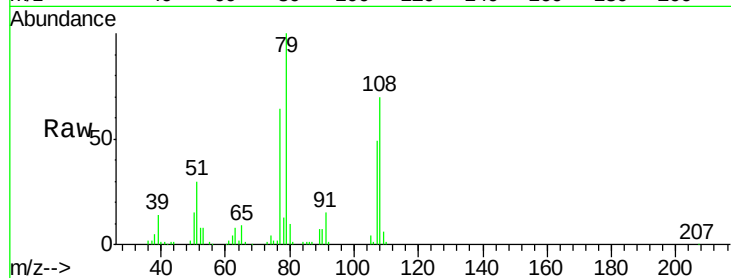
Tgt Ion: 79 Resp: 160707

Ion Ratio Lower Upper

79 100

108 70.2 56.2 84.4

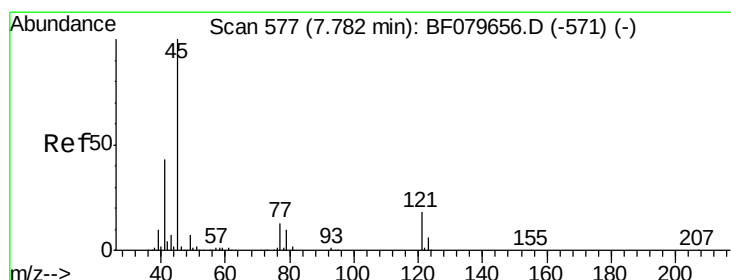
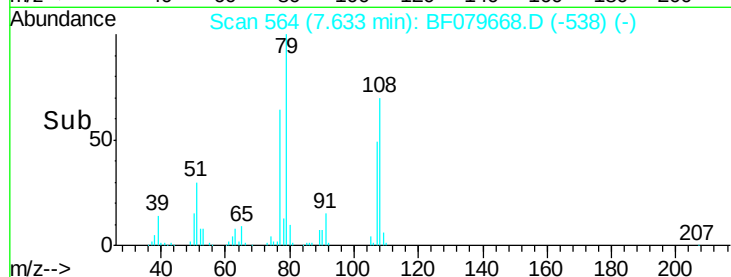
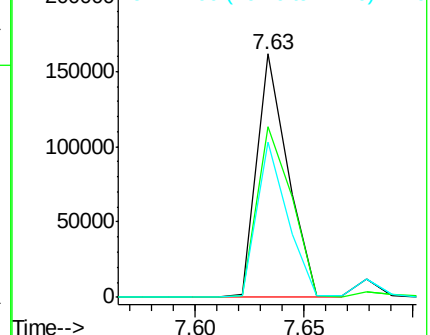
77 63.9 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.24 ng

RT: 7.78 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

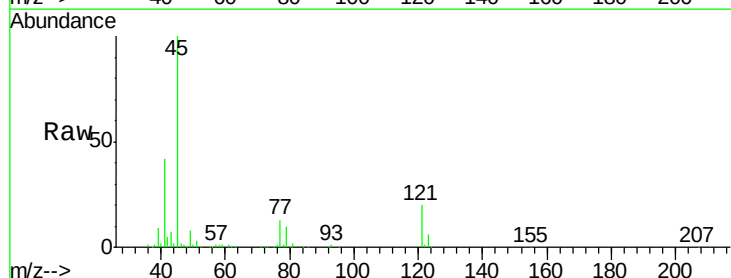
Tgt Ion: 45 Resp: 316863

Ion Ratio Lower Upper

45 100

77 13.3 0.0 32.9

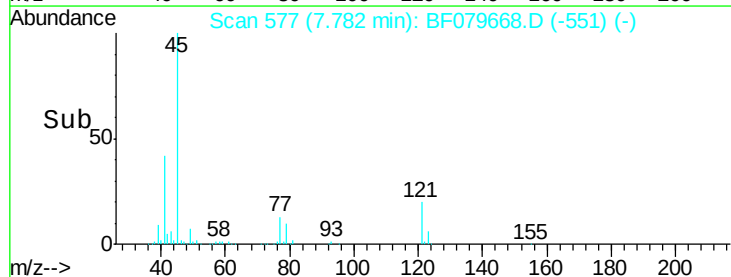
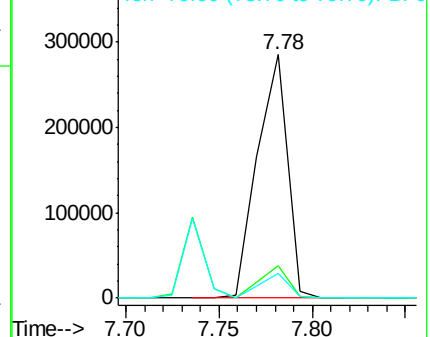
79 10.4 0.0 29.8

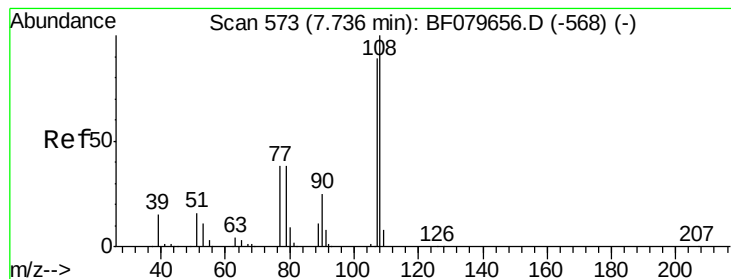


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 45.45 ng

RT: 7.74 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PB83719BSD

Tgt Ion:107 Resp: 170809

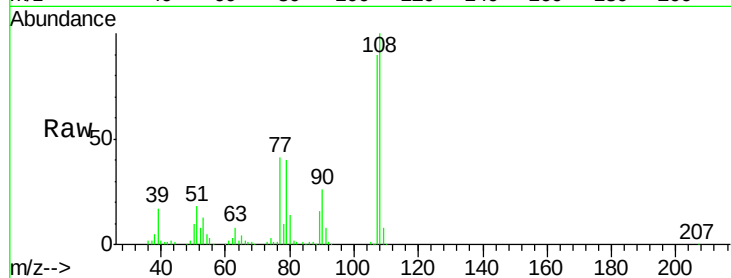
Ion Ratio Lower Upper

107 100

108 111.3 90.9 136.3

77 45.9 38.6 57.8

79 44.9 38.0 57.0

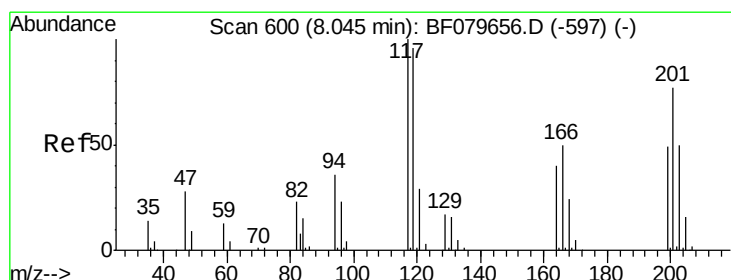
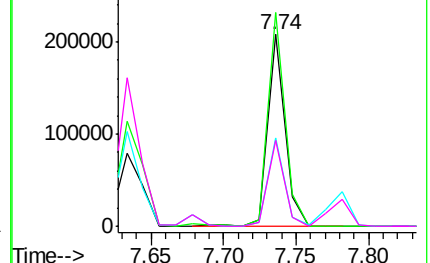
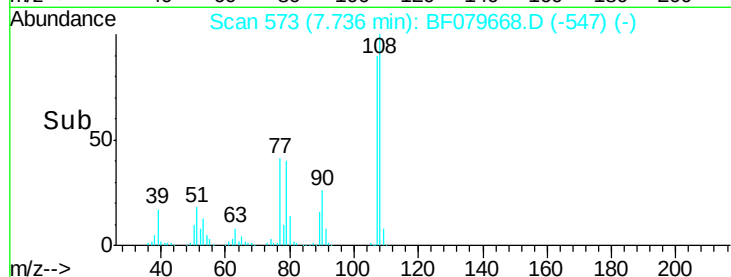


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.96 ng

RT: 8.04 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

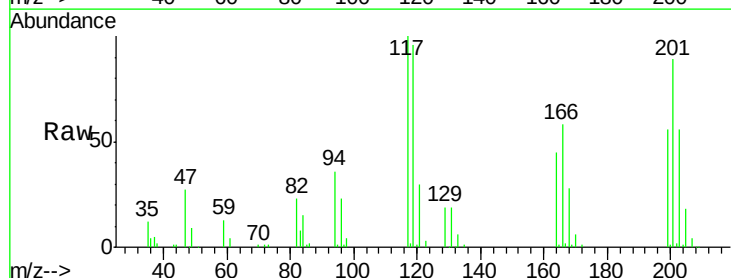
Tgt Ion:117 Resp: 73114

Ion Ratio Lower Upper

117 100

119 95.6 76.7 115.1

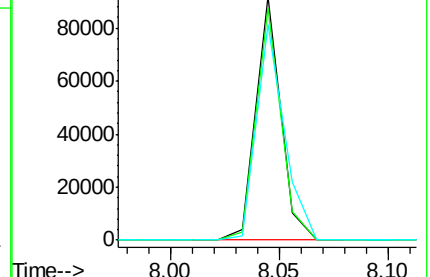
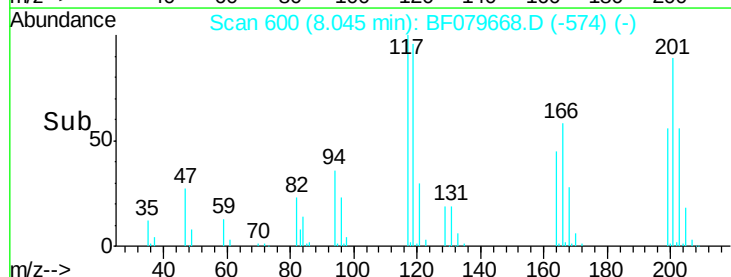
201 88.6 61.7 92.5

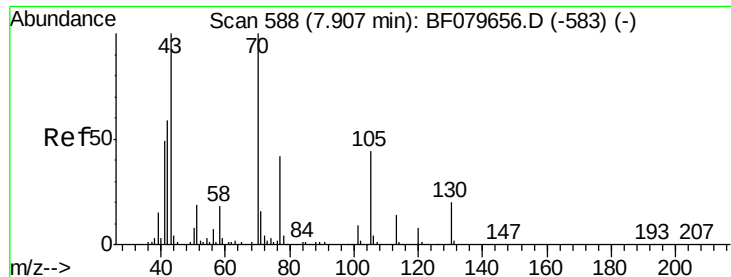


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

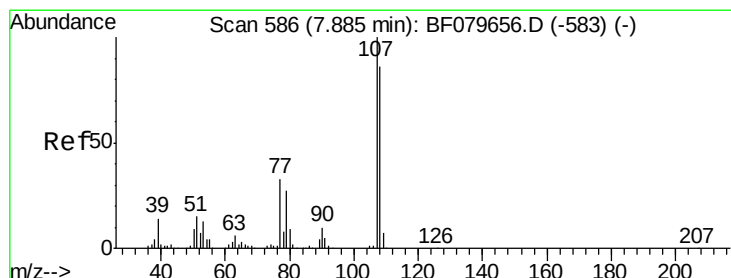
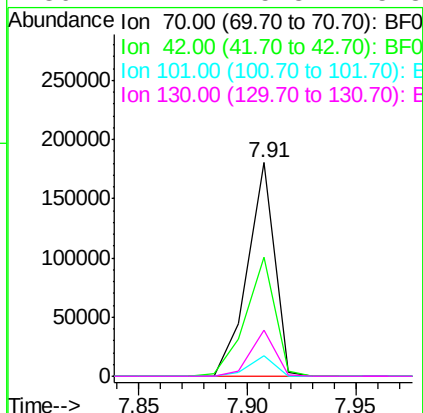
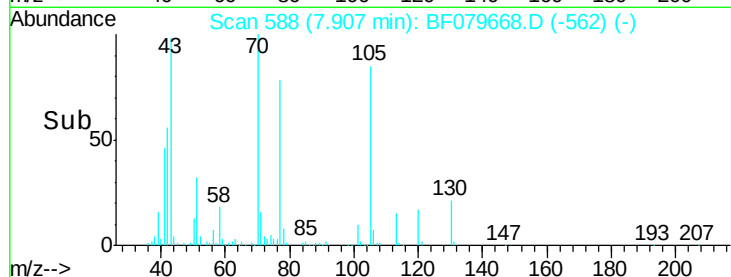
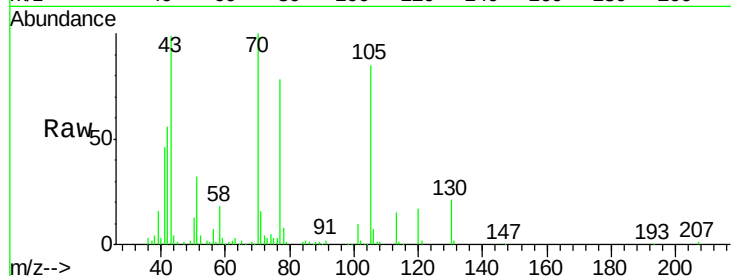




#19
n-Nitroso-di-n-propylamine
Concen: 44.47 ng
RT: 7.91 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

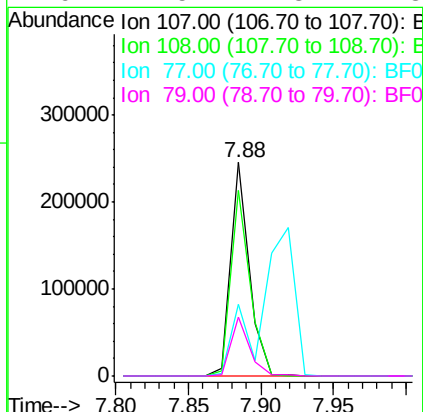
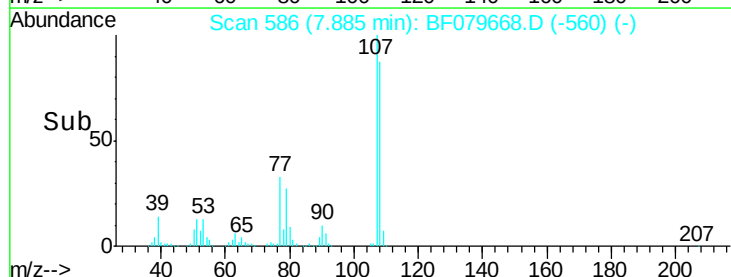
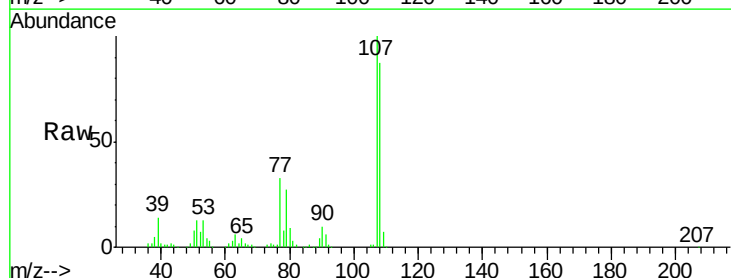
Instrument :
BNA_F
ClientSampleId :
PB83719BSD

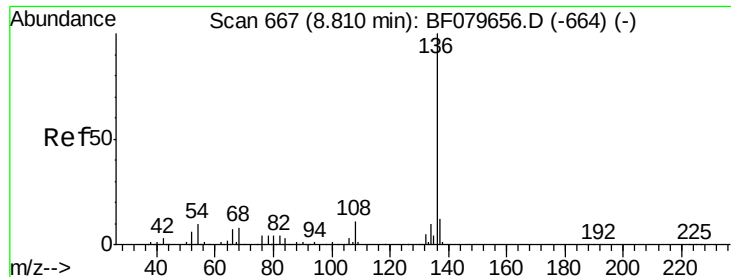
Tgt Ion: 70 Resp: 156482
Ion Ratio Lower Upper
70 100
42 56.0 47.7 71.5
101 9.6 7.4 11.0
130 21.4 15.8 23.8



#20
3+4-Methylphenols
Concen: 43.94 ng
RT: 7.88 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Tgt Ion: 107 Resp: 218712
Ion Ratio Lower Upper
107 100
108 87.2 66.2 106.2
77 33.4 12.9 52.9
79 27.5 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: BF079668.D

Acq: 3 Jun 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PB83719BSD

Tgt Ion:136 Resp: 262534

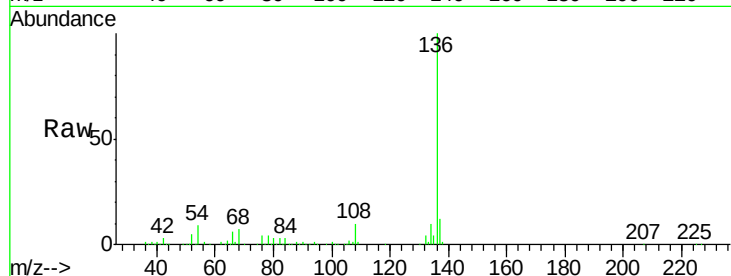
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 9.4 8.3 12.5

68 7.0 6.1 9.1

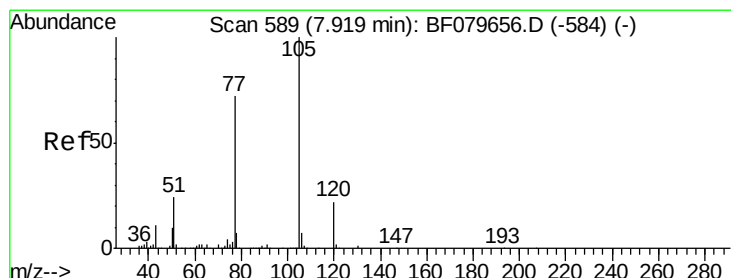
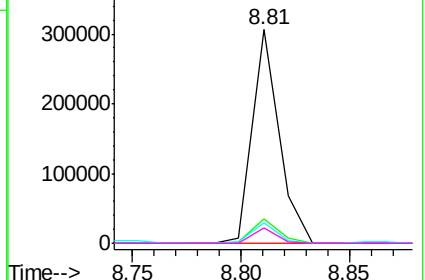
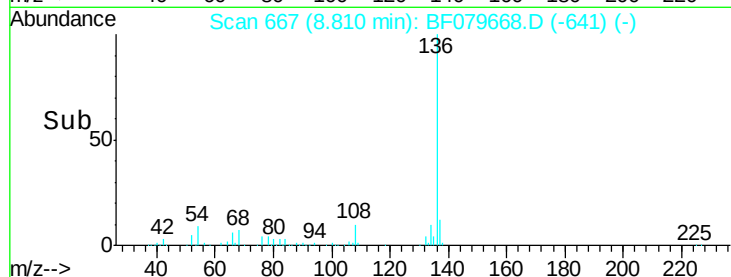


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.46 ng

RT: 7.92 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

Tgt Ion:105 Resp: 279291

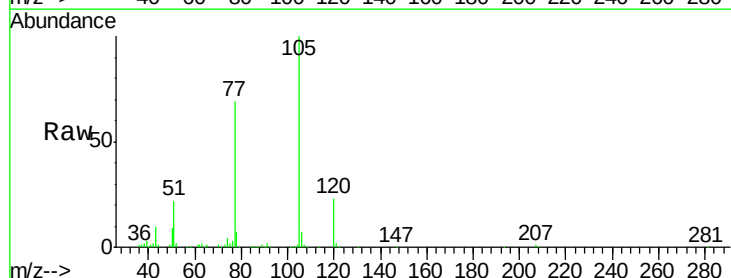
Ion Ratio Lower Upper

105 100

71 0.2 0.2 0.4#

51 21.6 19.2 28.8

120 22.6 17.6 26.4

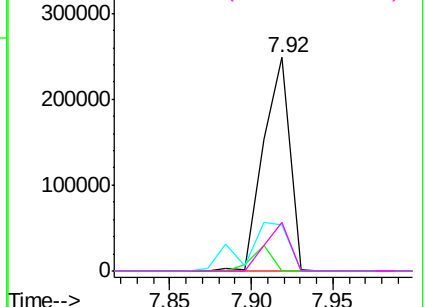
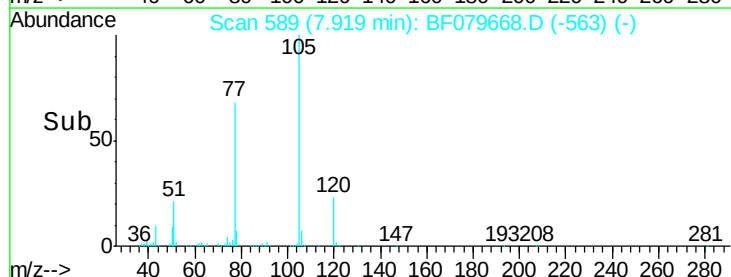


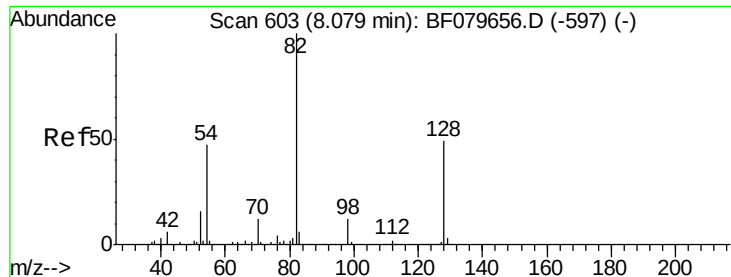
Abundance Ion 105.00 (104.70 to 105.70): E

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

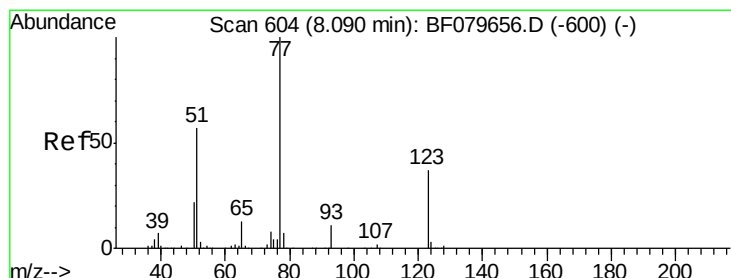
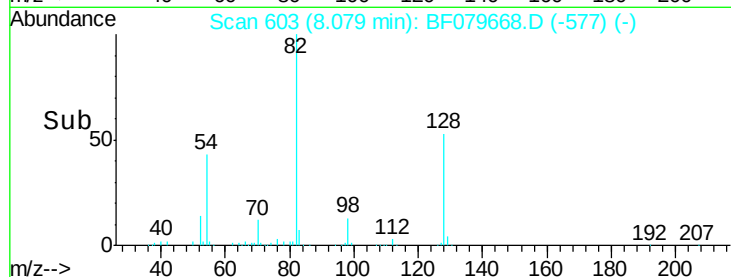
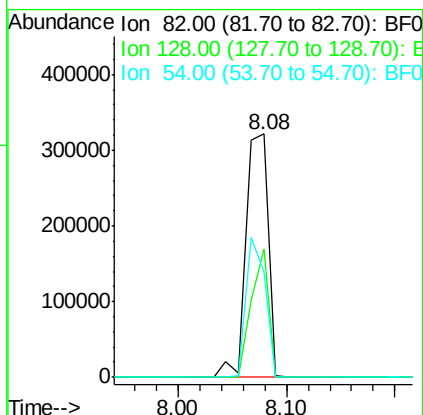
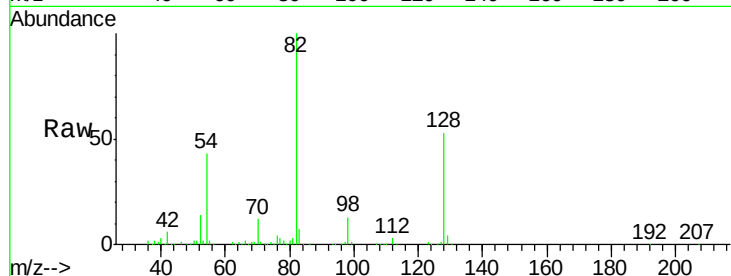




#23
 Nitrobenzene-d5
 Concen: 99.21 ng
 RT: 8.08 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

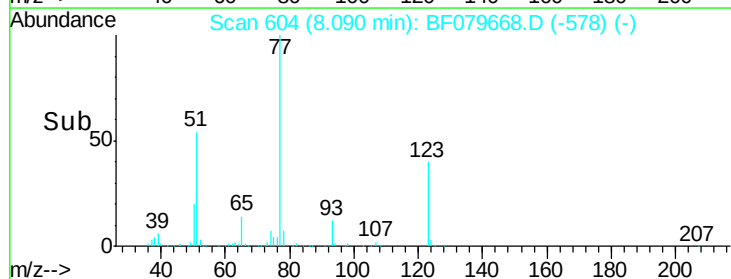
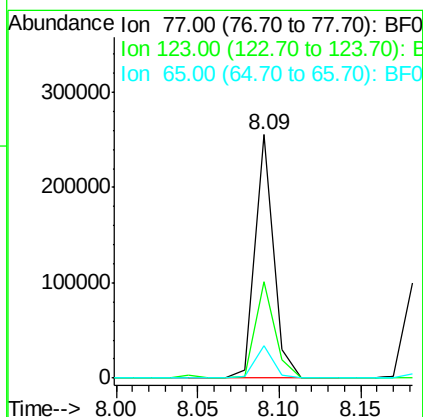
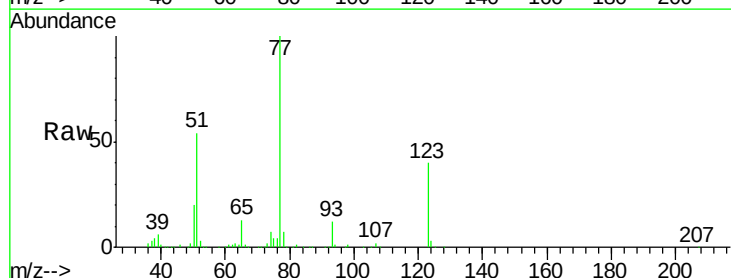
Instrument :
 BNA_F
 ClientSampleId :
 PB83719BSD

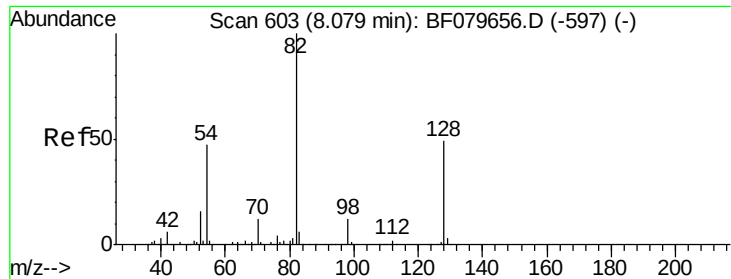
Tgt Ion: 82 Resp: 457117
 Ion Ratio Lower Upper
 82 100
 128 52.5 39.4 59.0
 54 43.3 37.4 56.0



#24
 Nitrobenzene
 Concen: 46.00 ng
 RT: 8.09 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Tgt Ion: 77 Resp: 202365
 Ion Ratio Lower Upper
 77 100
 123 39.7 30.6 45.8
 65 13.4 10.5 15.7





#25

Isophorone

Concen: 43.65 ng

RT: 8.33 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PB83719BSD

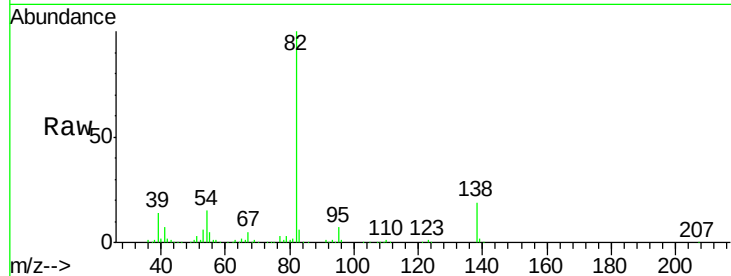
Tgt Ion: 82 Resp: 390610

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

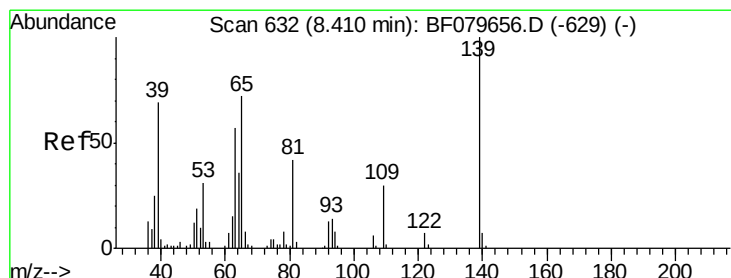
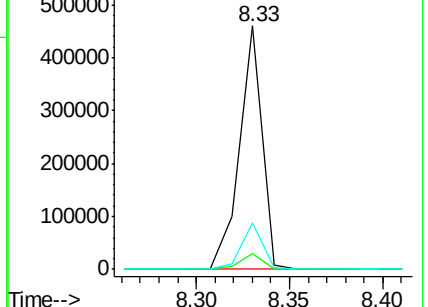
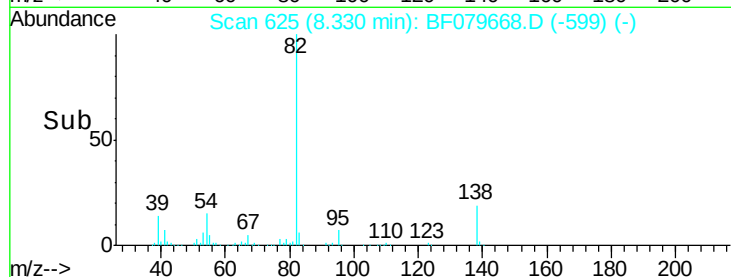
138 19.1 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF079668.D (-599) (-)

Ion 95.00 (94.70 to 95.70): BF079668.D (-599) (-)

Ion 138.00 (137.70 to 138.70): BF079668.D (-599) (-)



#26

2-Nitrophenol

Concen: 40.47 ng

RT: 8.41 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

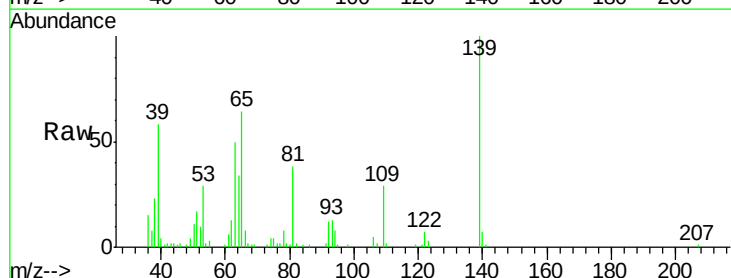
Tgt Ion: 139 Resp: 58801

Ion Ratio Lower Upper

139 100

109 29.4 23.6 35.4

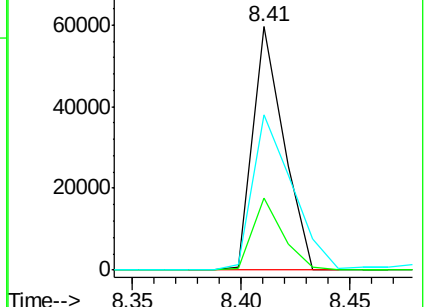
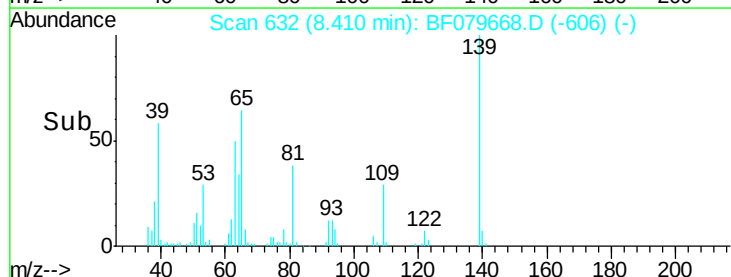
65 63.6 57.4 86.0

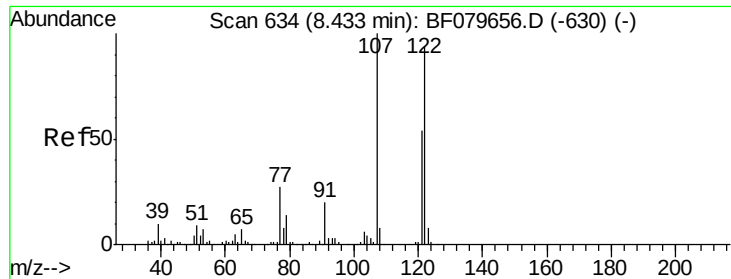


Abundance Ion 139.00 (138.70 to 139.70): BF079668.D (-606) (-)

Ion 109.00 (108.70 to 109.70): BF079668.D (-606) (-)

Ion 65.00 (64.70 to 65.70): BF079668.D (-606) (-)





#27

2,4-Dimethylphenol

Concen: 44.71 ng

RT: 8.42 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PB83719BSD

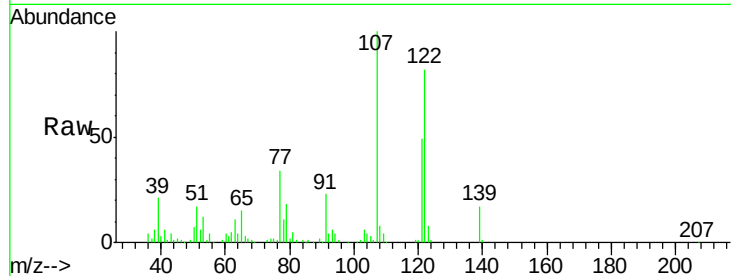
Tgt Ion:122 Resp: 183097

Ion Ratio Lower Upper

122 100

107 122.2 85.0 127.6

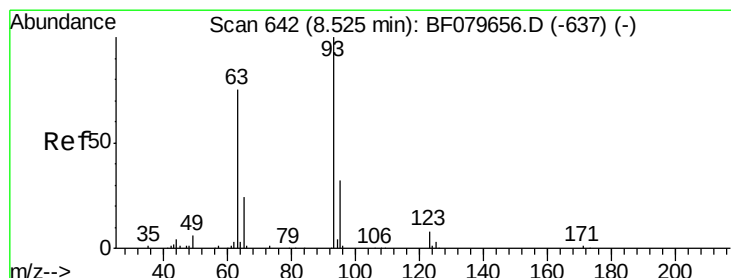
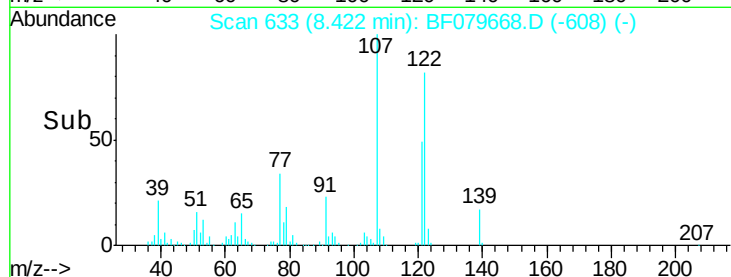
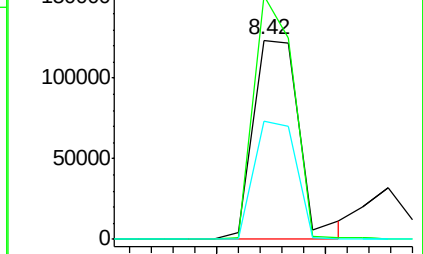
121 59.3 46.3 69.5



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: 45.33 ng

RT: 8.52 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

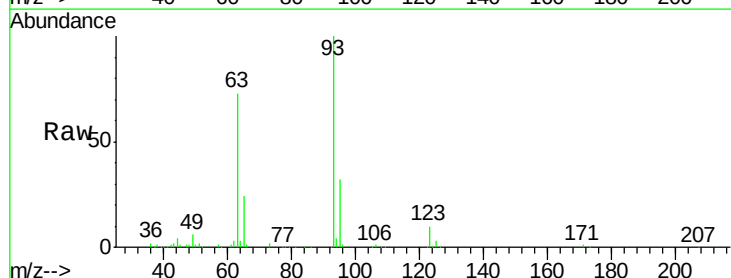
Tgt Ion: 93 Resp: 233031

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

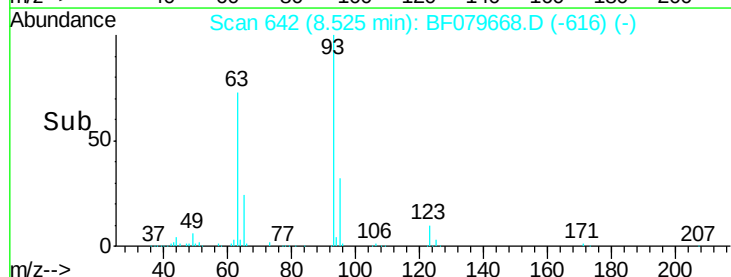
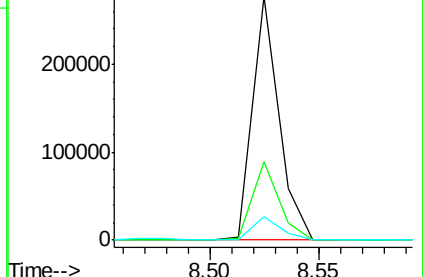
123 9.5 6.8 10.2

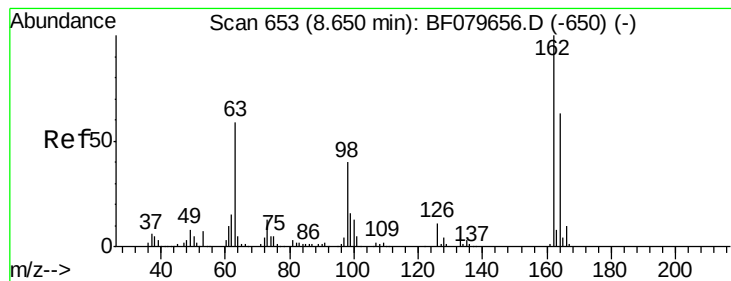


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.81 ng

RT: 8.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PB83719BSD

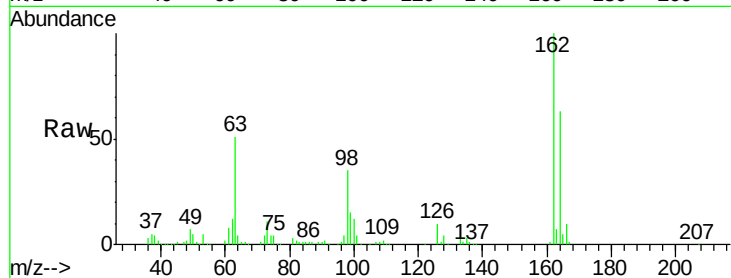
Tgt Ion:162 Resp: 181923

Ion Ratio Lower Upper

162 100

164 63.4 43.0 83.0

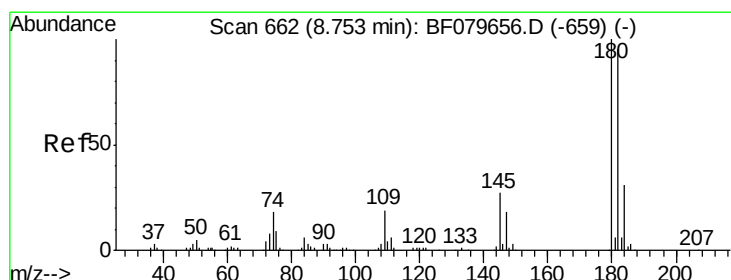
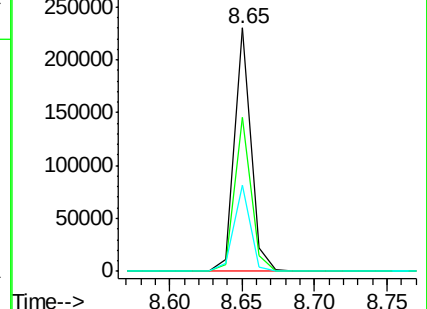
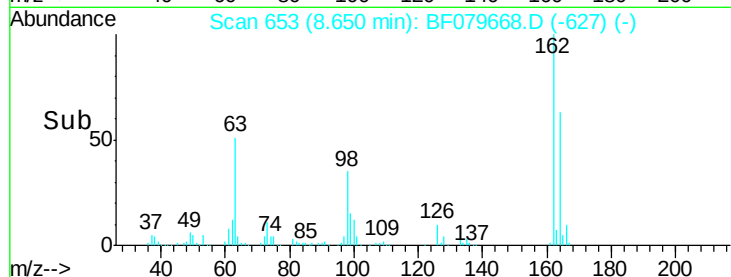
98 35.5 19.8 59.8



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: 44.24 ng

RT: 8.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

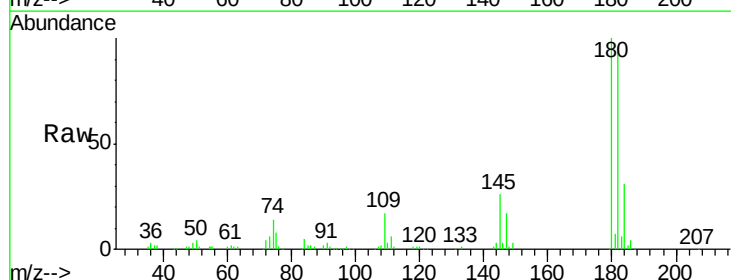
Tgt Ion:180 Resp: 182093

Ion Ratio Lower Upper

180 100

182 95.6 76.1 114.1

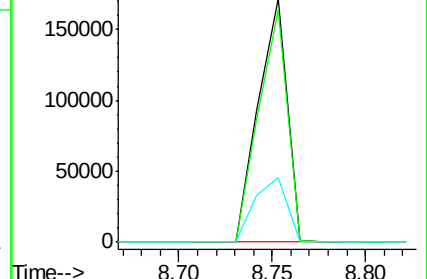
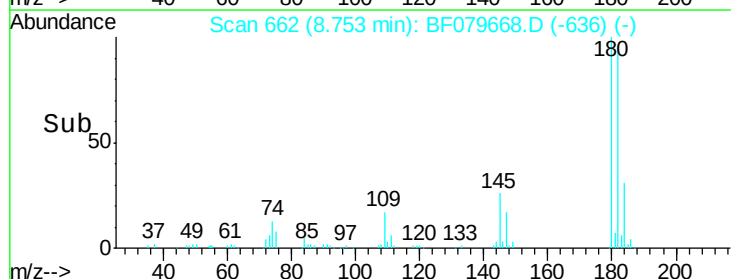
145 26.4 21.8 32.8

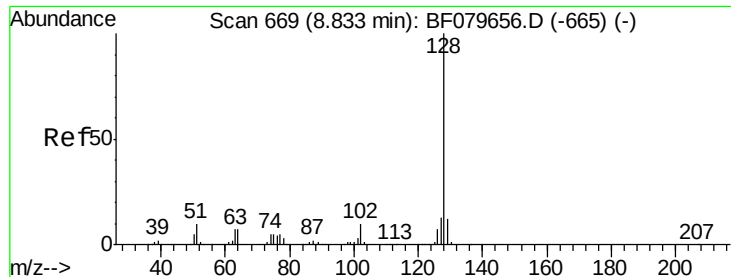


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

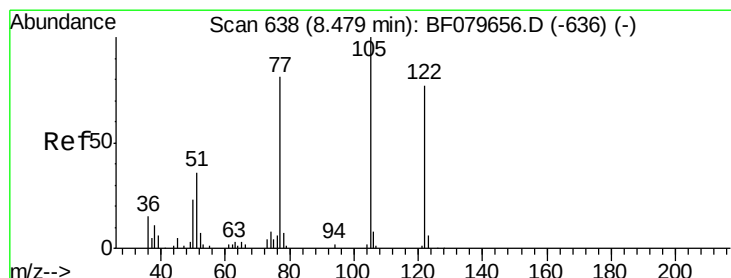
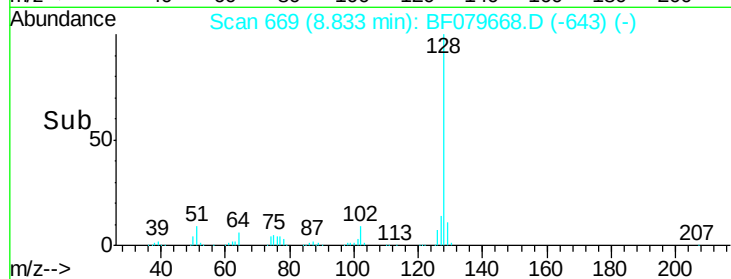
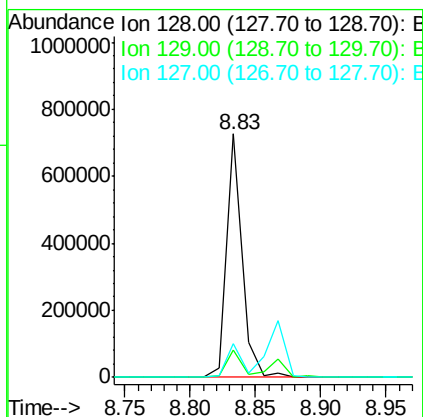
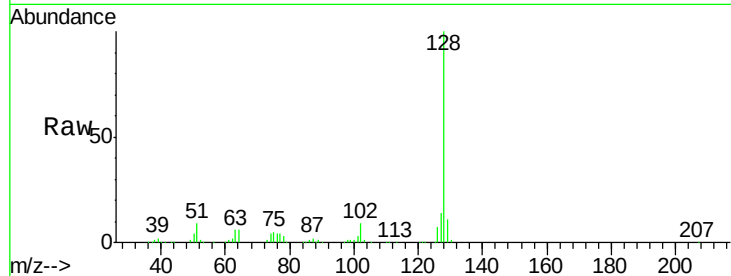




#31
Naphthalene
Concen: 43.79 ng
RT: 8.83 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

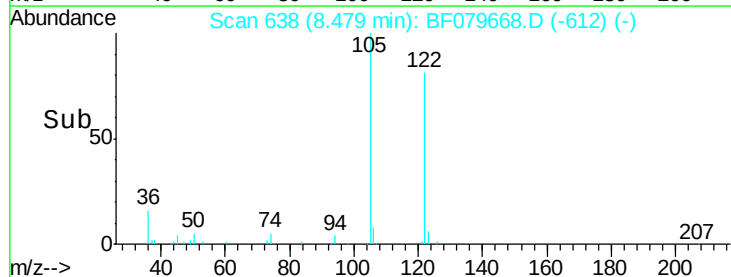
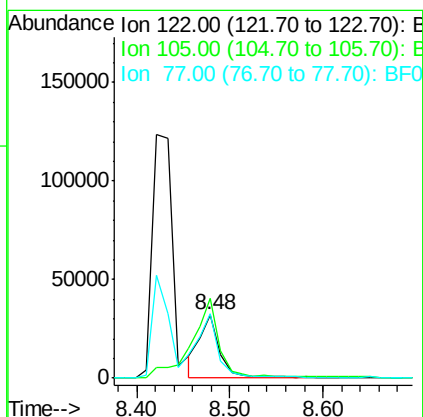
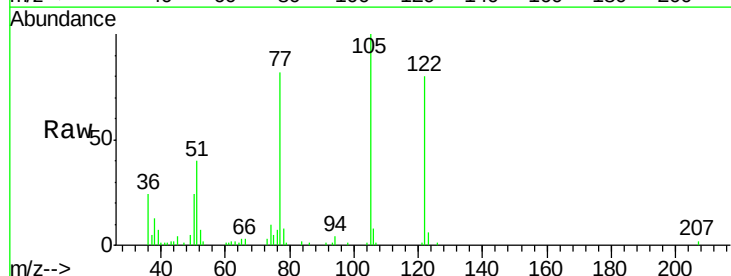
Instrument :
BNA_F
ClientSampleId :
PB83719BSD

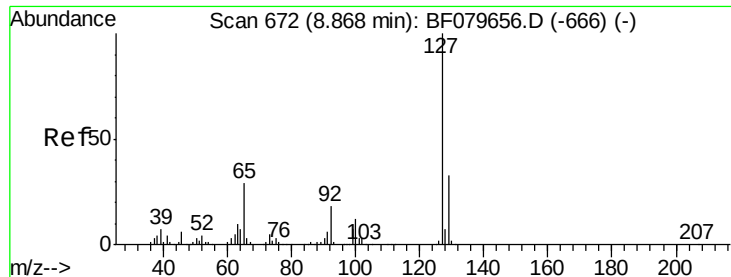
Tgt Ion:128 Resp: 601013
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.7 10.4 15.6



#32
Benzoic acid
Concen: 43.46 ng
RT: 8.48 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Tgt Ion:122 Resp: 48898
Ion Ratio Lower Upper
122 100
105 125.1 109.7 149.7
77 102.5 86.1 126.1

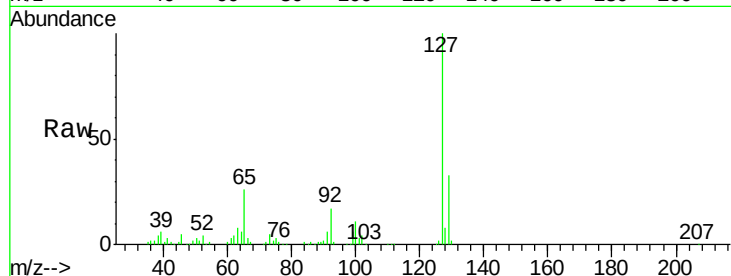




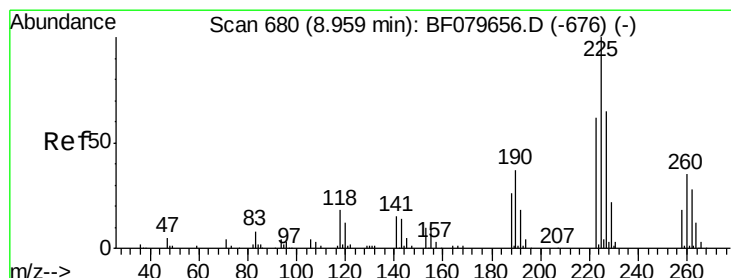
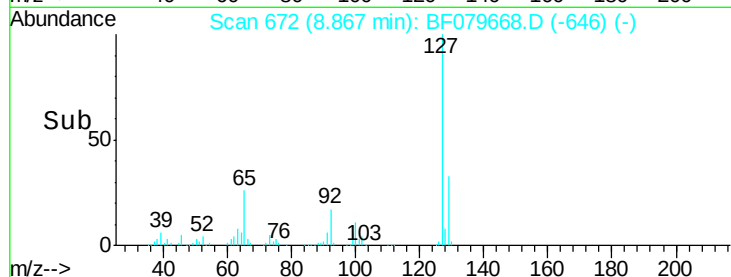
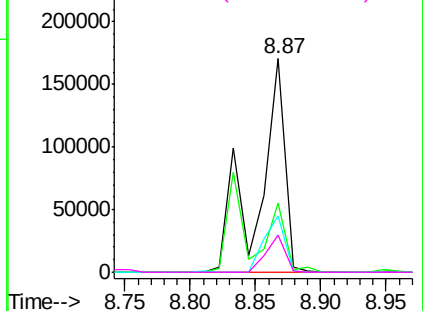
#33
4-Chloroaniline
Concen: 32.43 ng
RT: 8.87 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83719BSD

Tgt Ion:	127	Resp:	241999
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	26.4	23.0	34.6
92	17.1	14.7	22.1

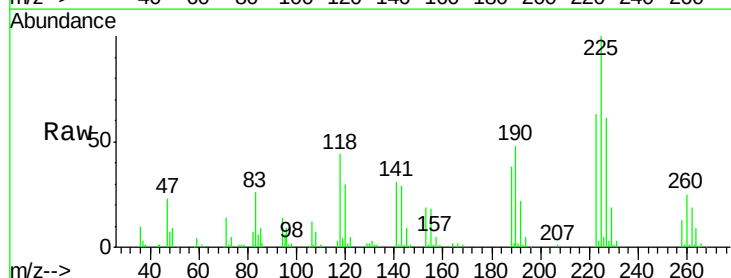


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

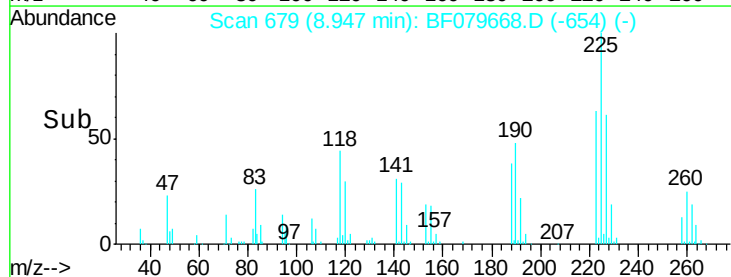
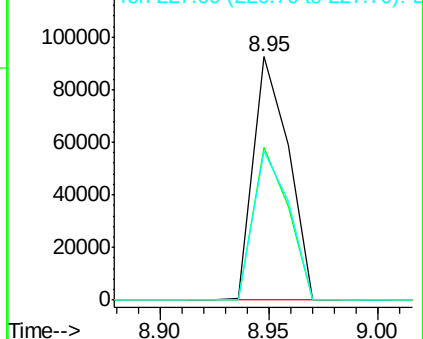


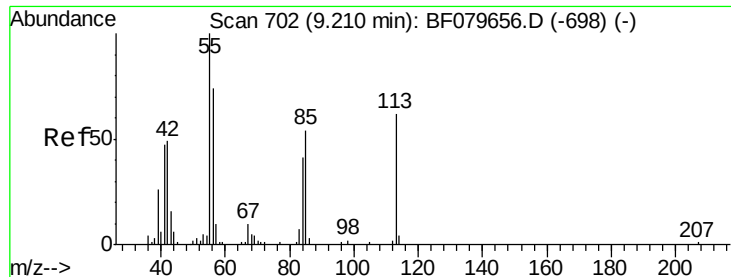
#34
Hexachlorobutadiene
Concen: 45.24 ng
RT: 8.95 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Tgt Ion:	225	Resp:	104379
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.6	74.4
227	61.3	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

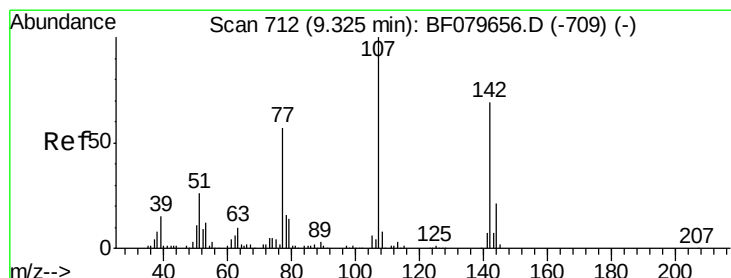
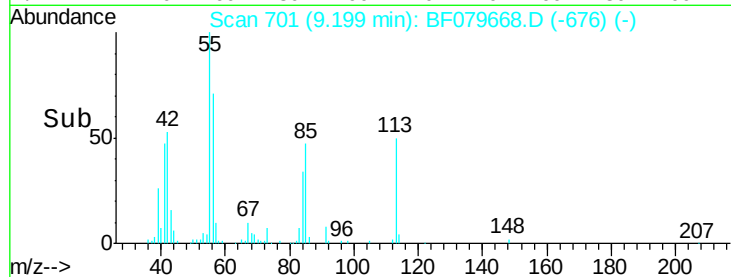
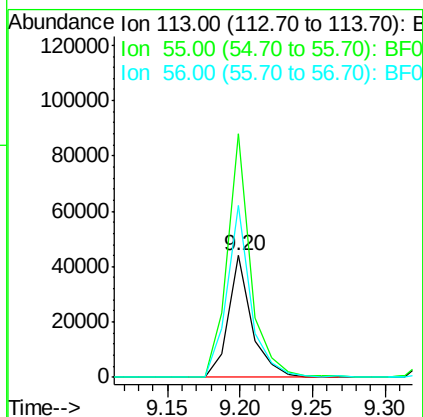
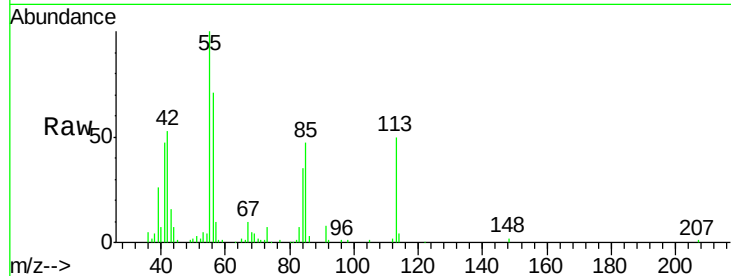




#35
 Caprolactam
 Concen: 48.88 ng
 RT: 9.20 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

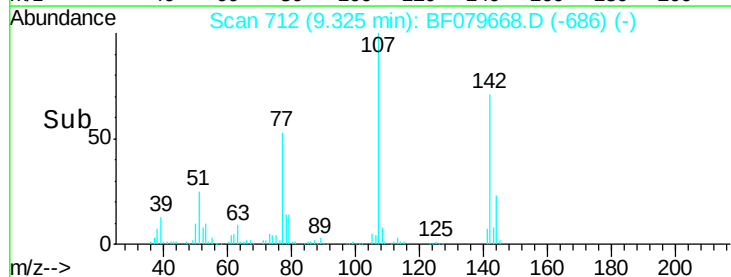
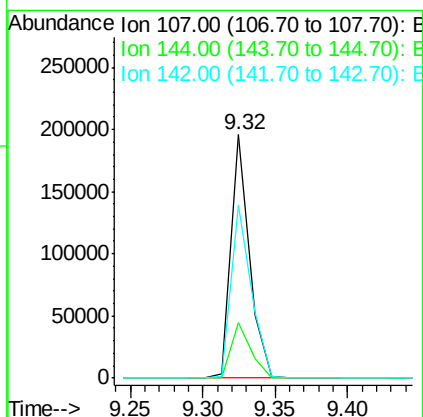
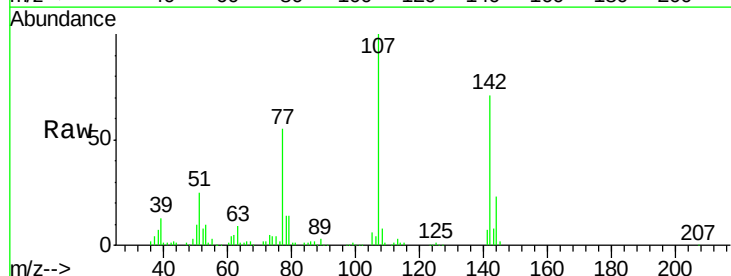
Instrument :
 BNA_F
 ClientSampleId :
 PB83719BSD

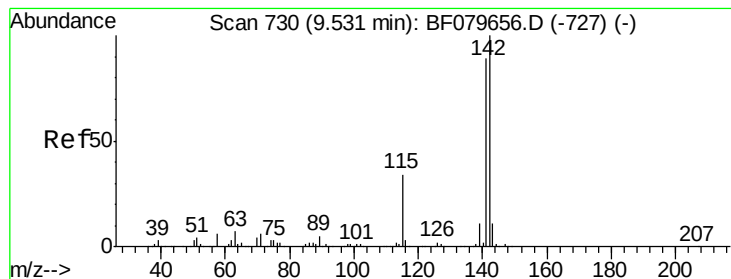
Tgt Ion:113 Resp: 49149
 Ion Ratio Lower Upper
 113 100
 55 200.5 142.3 182.3#
 56 142.0 99.8 139.8#



#36
 4-Chloro-3-methylphenol
 Concen: 46.31 ng
 RT: 9.32 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Tgt Ion:107 Resp: 172621
 Ion Ratio Lower Upper
 107 100
 144 22.9 17.0 25.4
 142 71.1 55.1 82.7

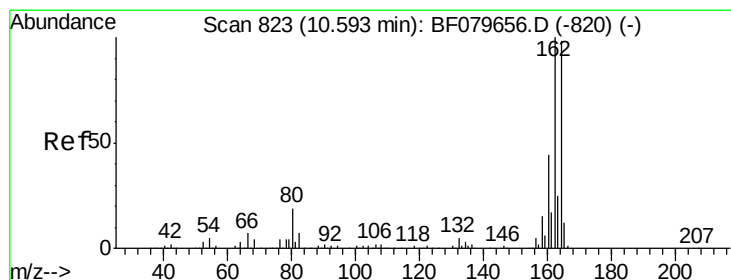
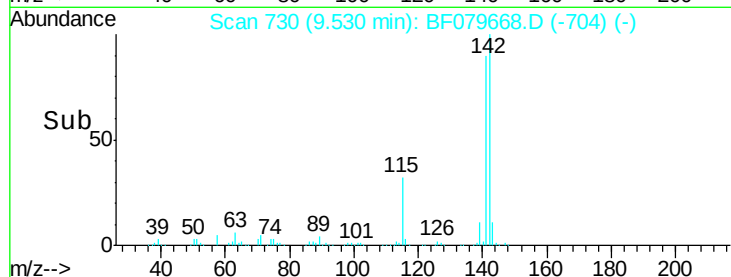
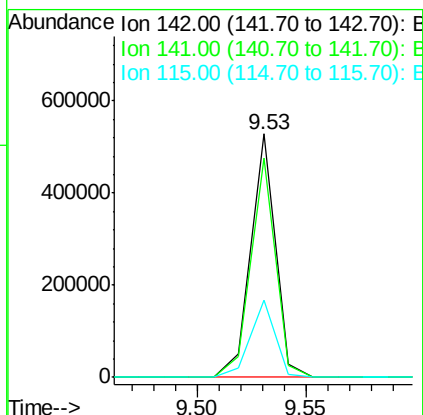
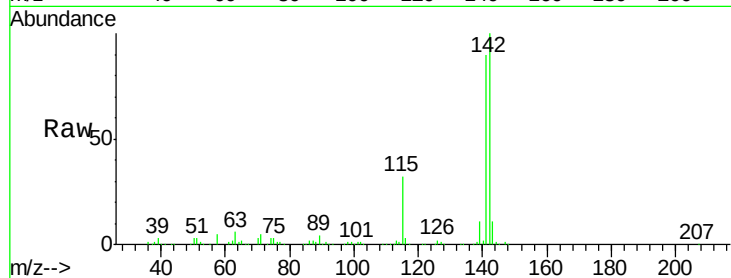




#37
 2-Methylnaphthalene
 Concen: 45.56 ng
 RT: 9.53 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

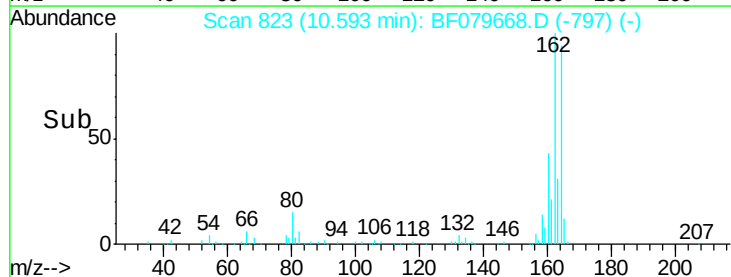
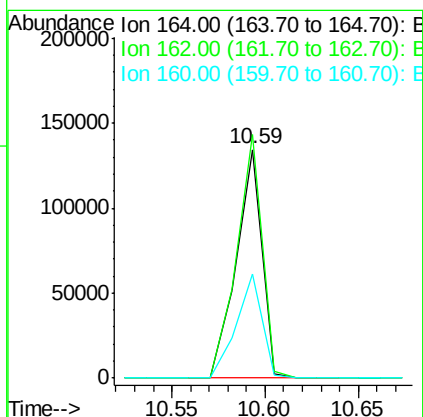
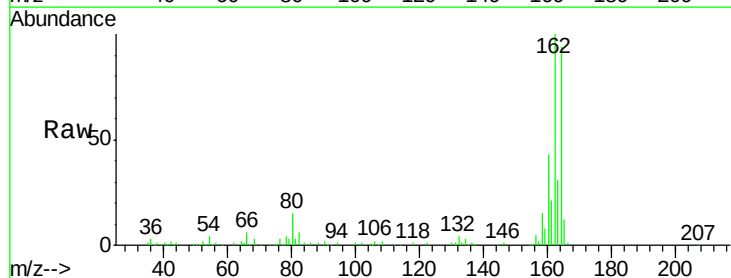
Instrument :
 BNA_F
 ClientSampleId :
 PB83719BSD

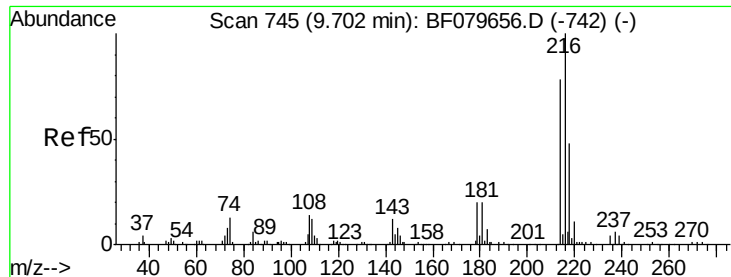
Tgt Ion:142 Resp: 417179
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.4 107.0
 115 31.9 27.3 40.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Tgt Ion:164 Resp: 129379
 Ion Ratio Lower Upper
 164 100
 162 106.6 82.0 123.0
 160 45.8 35.9 53.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.60 ng

RT: 9.70 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PB83719BSD

Tgt Ion:216 Resp: 193470

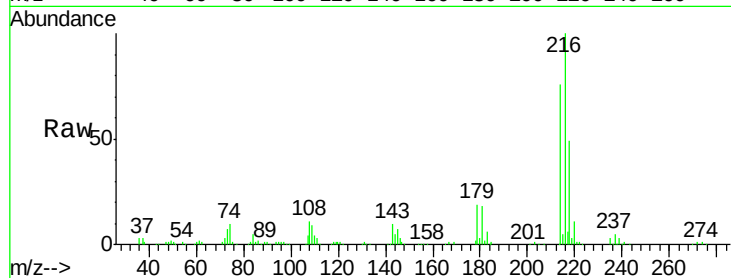
Ion Ratio Lower Upper

216 100

214 76.2 62.8 94.2

179 20.6 16.6 24.8

108 18.7 14.2 21.4

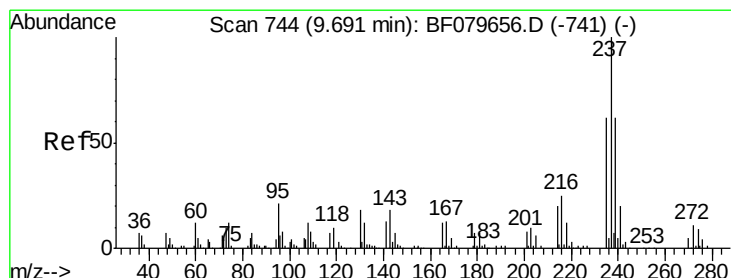
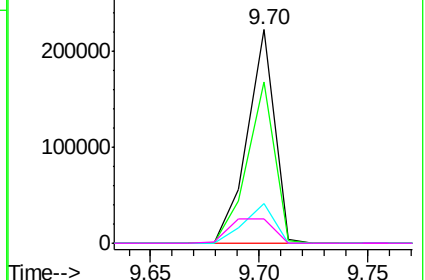
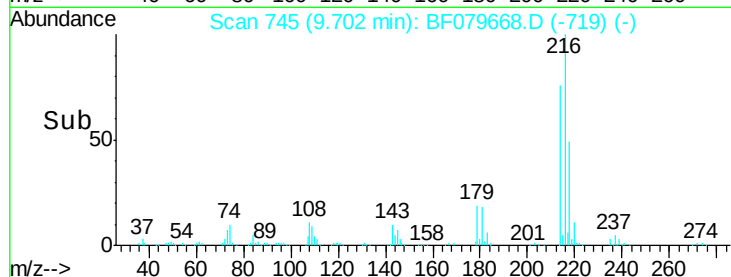


Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.92 ng

RT: 9.69 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

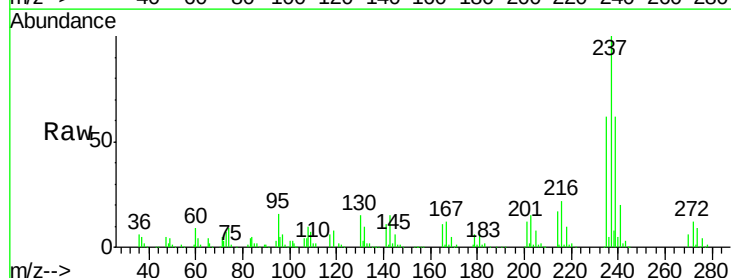
Tgt Ion:237 Resp: 191847

Ion Ratio Lower Upper

237 100

235 61.7 41.7 81.7

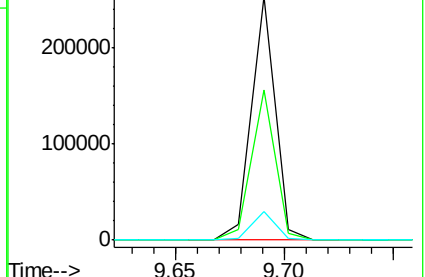
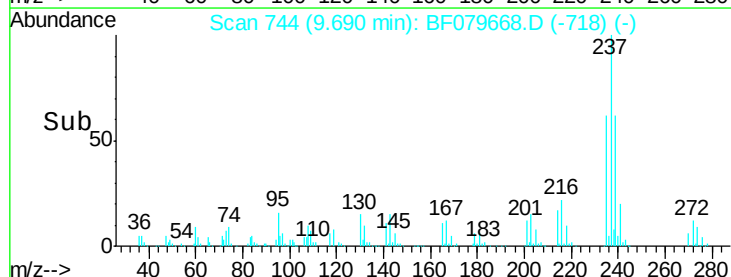
272 11.8 0.0 31.1

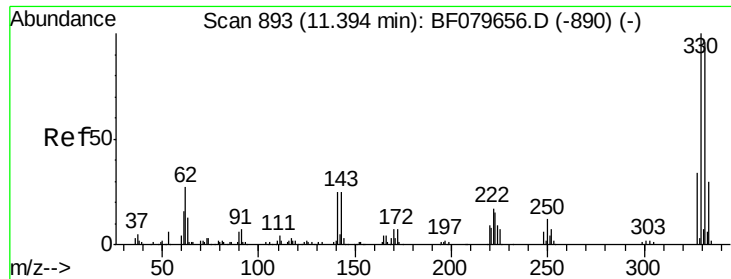


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

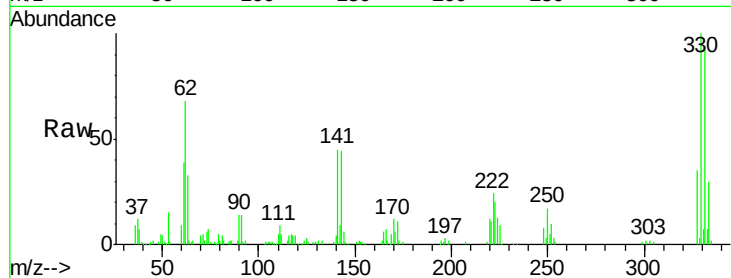




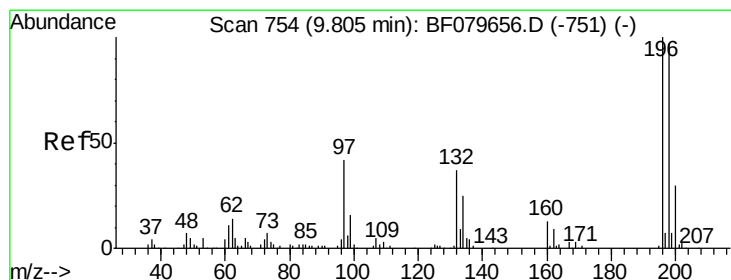
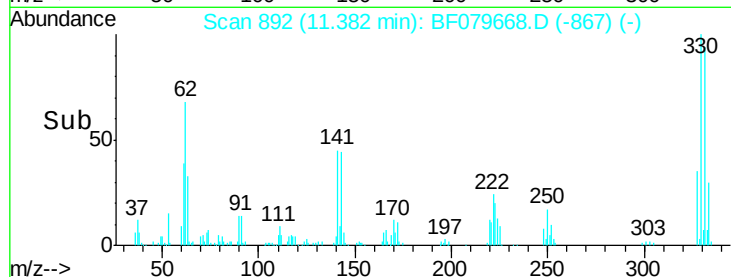
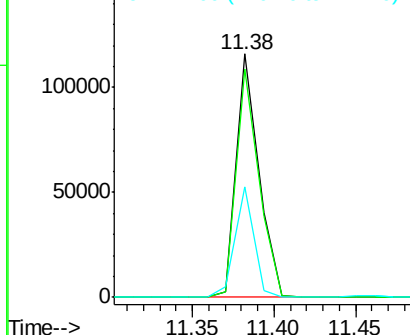
#41
 2,4,6-Tribromophenol
 Concen: 102.83 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83719BSD

Tgt Ion:330 Resp: 109802
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.3 115.9
 141 38.3 27.4 41.2

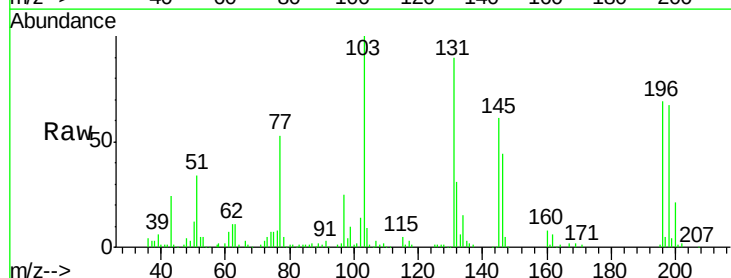


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

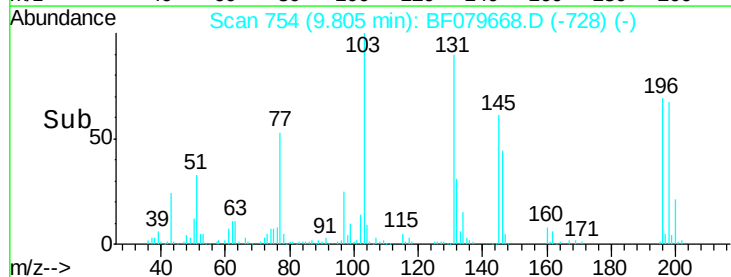
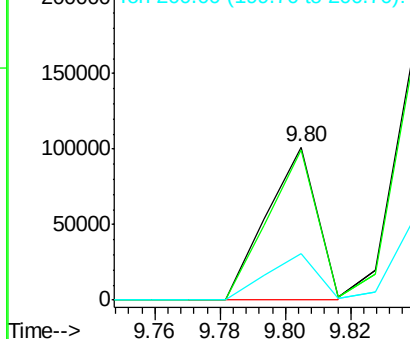


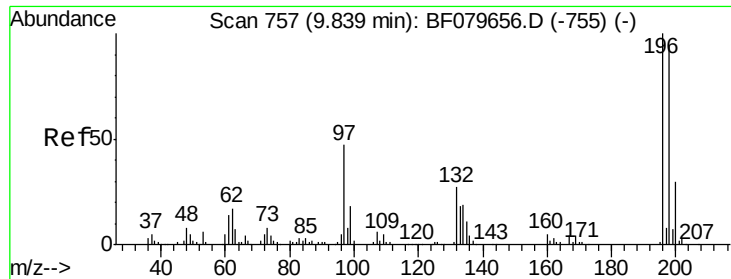
#42
 2,4,6-Trichlorophenol
 Concen: 47.75 ng
 RT: 9.80 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Tgt Ion:196 Resp: 107804
 Ion Ratio Lower Upper
 196 100
 198 98.0 77.3 115.9
 200 30.0 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

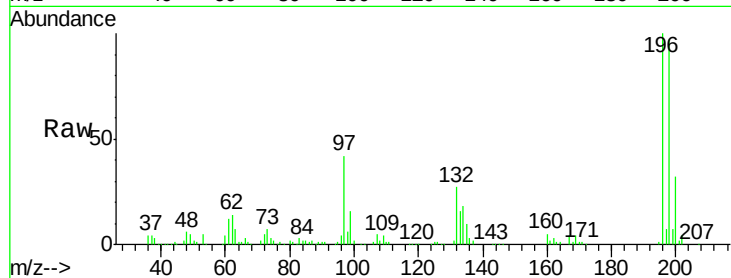




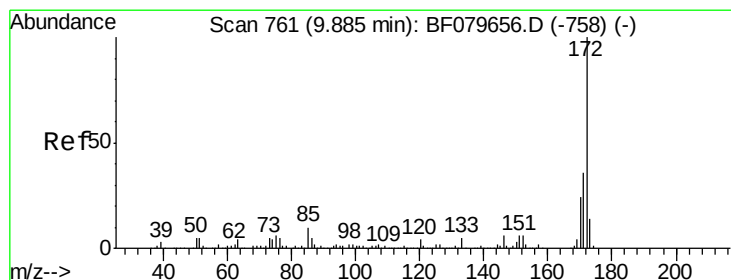
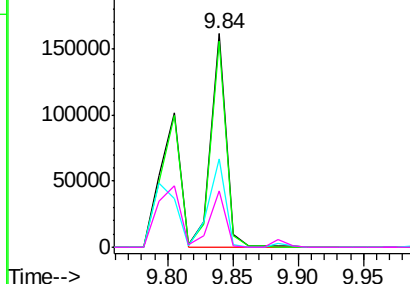
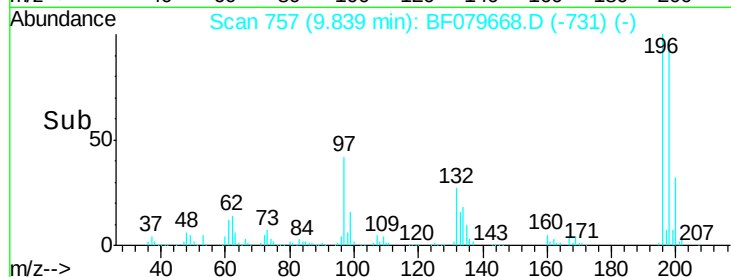
#43
 2,4,5-Trichlorophenol
 Concen: 53.03 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83719BSD

Tgt Ion:196 Resp: 132636
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.3 112.9
 97 41.6 37.6 56.4
 132 26.6 21.5 32.3

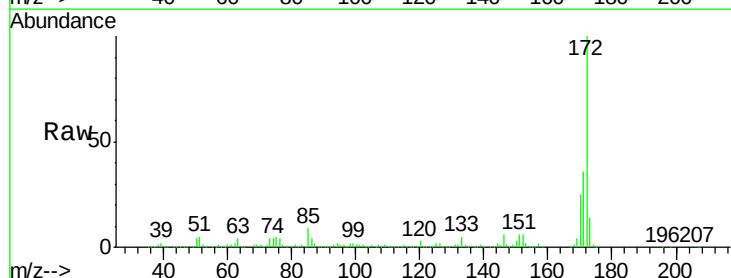


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

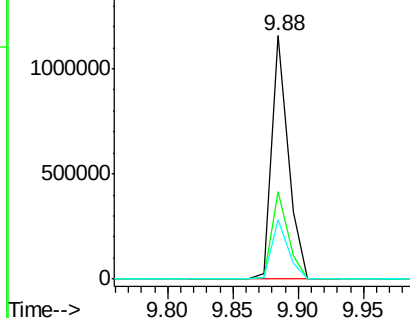
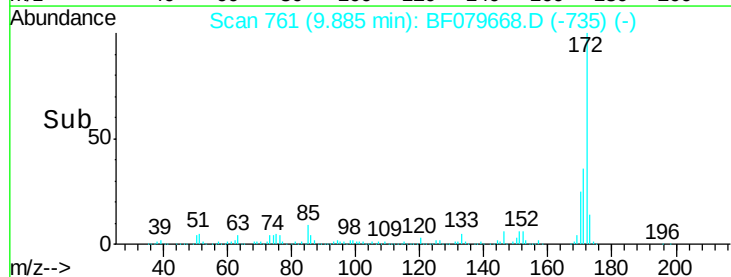


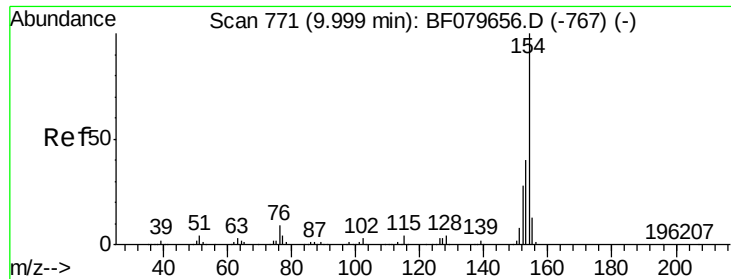
#44
 2-Fluorobiphenyl
 Concen: 123.82 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Tgt Ion:172 Resp: 1032490
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.8 43.2
 170 24.6 19.2 28.8



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

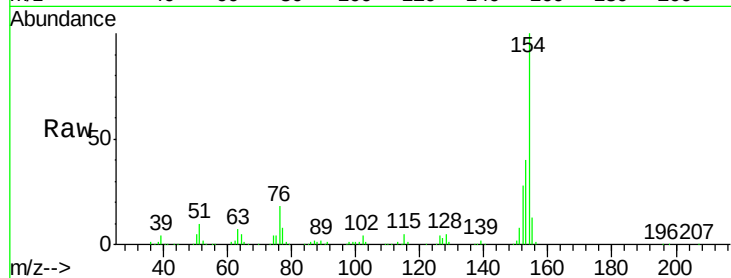




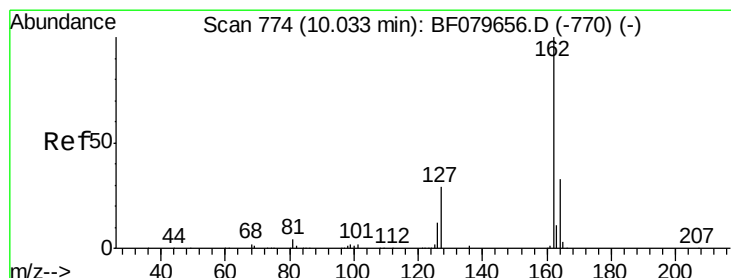
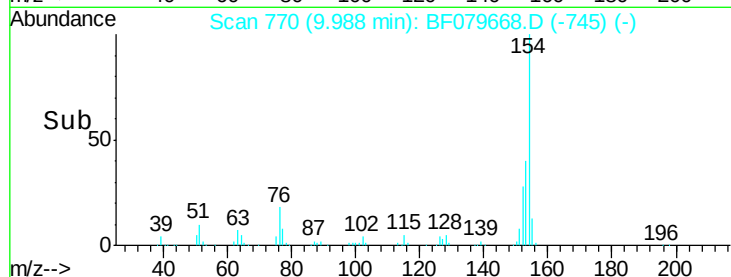
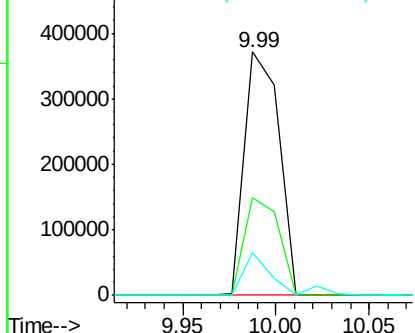
#45
 1,1'-Biphenyl
 Concen: 47.90 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83719BSD

Tgt Ion:154 Resp: 477940
 Ion Ratio Lower Upper
 154 100
 153 40.2 19.6 59.6
 76 17.5 0.0 29.5

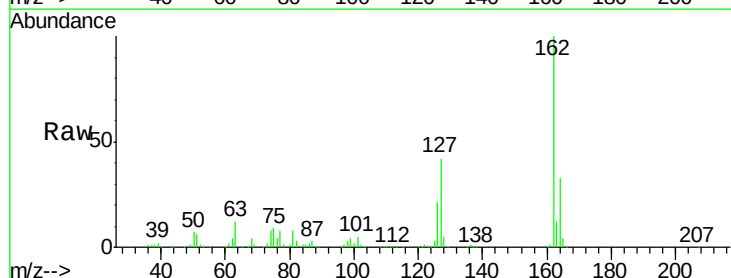


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

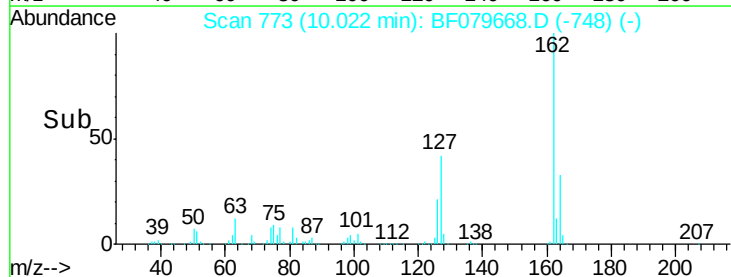
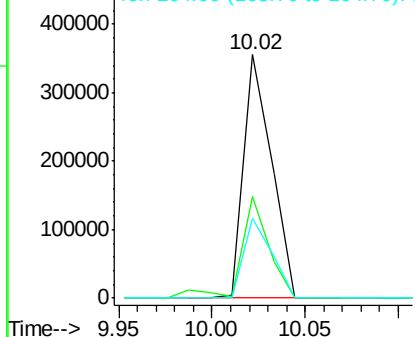


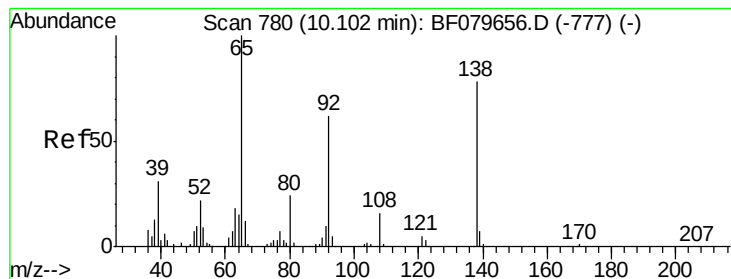
#46
 2-Chloronaphthalene
 Concen: 47.68 ng
 RT: 10.02 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Tgt Ion:162 Resp: 372677
 Ion Ratio Lower Upper
 162 100
 127 41.7 25.6 38.4#
 164 32.8 26.3 39.5



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





#47

2-Nitroaniline

Concen: 51.68 ng

RT: 10.10 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PB83719BSD

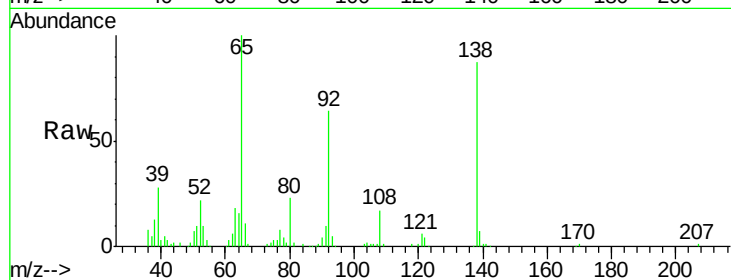
Tgt Ion: 65 Resp: 83178

Ion Ratio Lower Upper

65 100

92 63.9 49.7 74.5

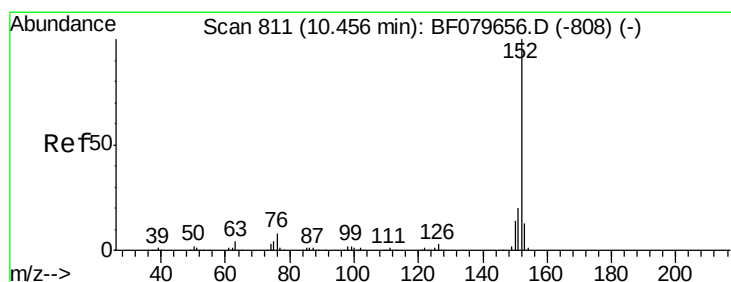
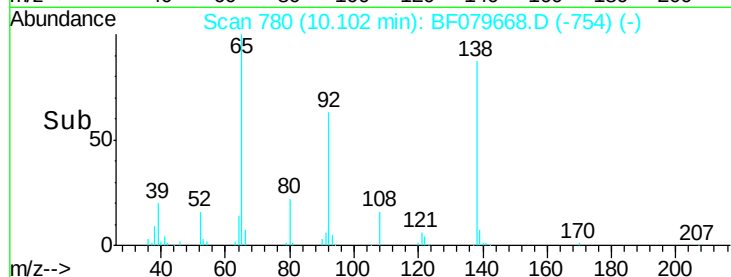
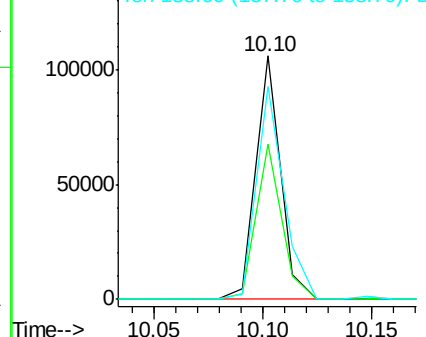
138 87.5 62.6 94.0



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 45.10 ng

RT: 10.44 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

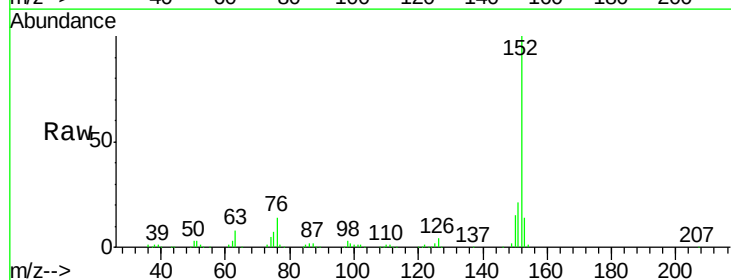
Tgt Ion: 152 Resp: 584438

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

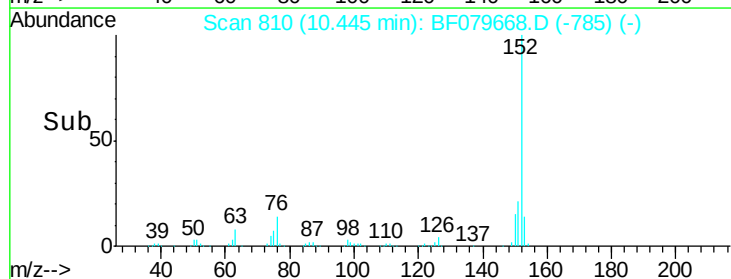
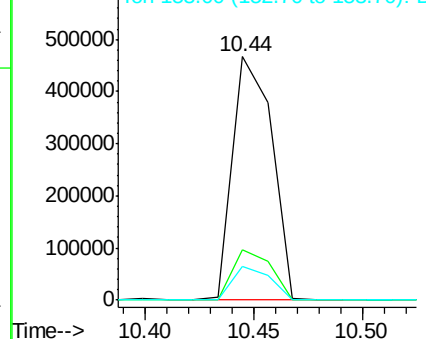
153 13.8 10.4 15.6

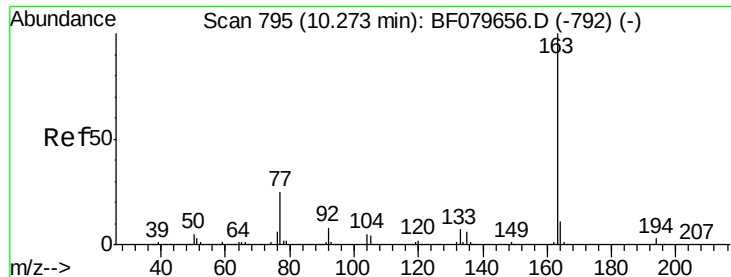


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

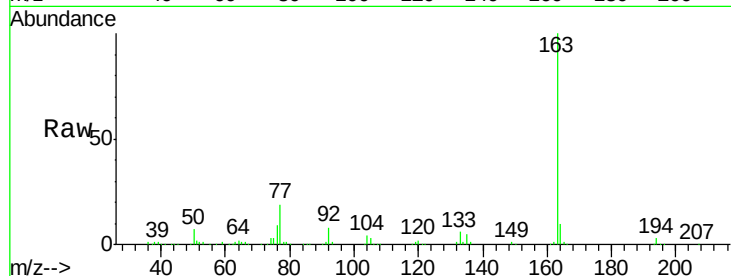




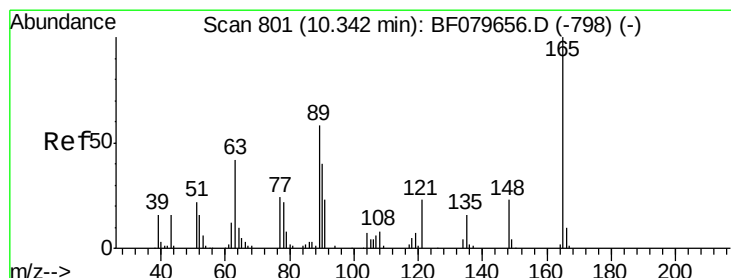
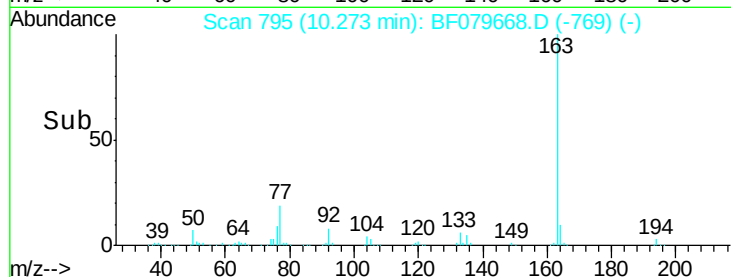
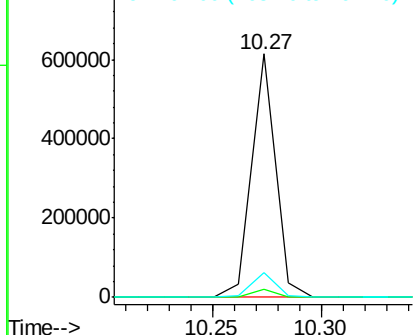
#49
Dimethylphthalate
Concen: 49.53 ng
RT: 10.27 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83719BSD

Tgt Ion:163 Resp: 469506
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 10.1 8.6 12.8

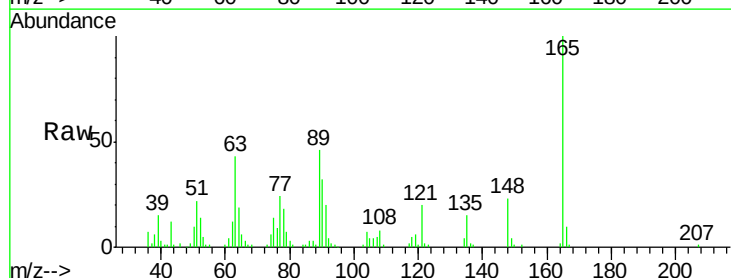


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

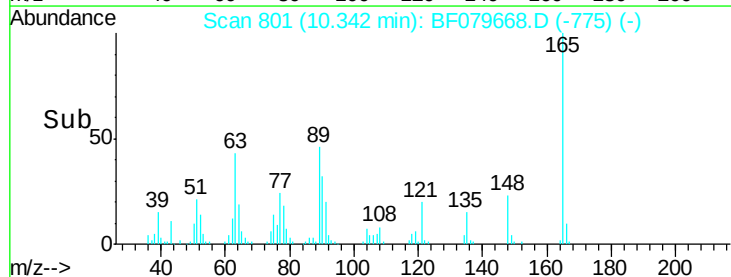
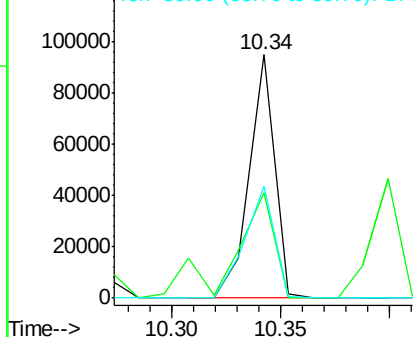


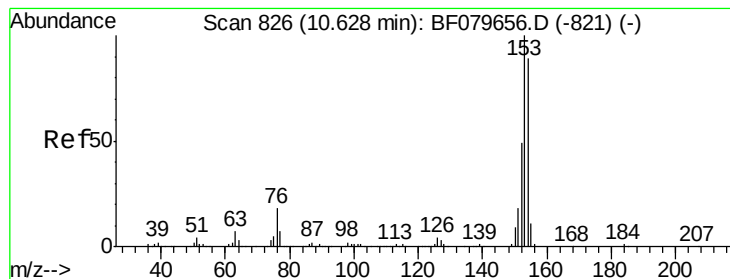
#50
2,6-Dinitrotoluene
Concen: 51.20 ng
RT: 10.34 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Tgt Ion:165 Resp: 77097
Ion Ratio Lower Upper
165 100
63 43.2 45.9 68.9#
89 46.1 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: 47.04 ng

RT: 10.63 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PB83719BSD

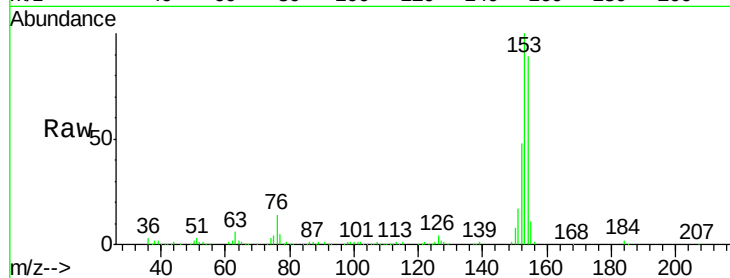
Tgt Ion:154 Resp: 369400

Ion Ratio Lower Upper

154 100

153 112.7 89.8 134.6

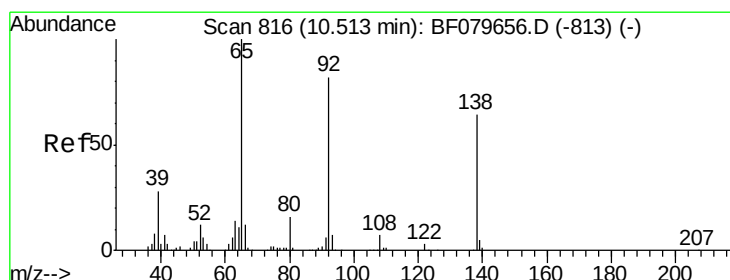
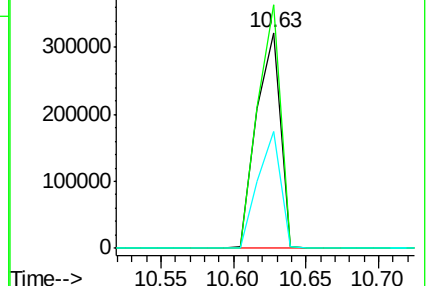
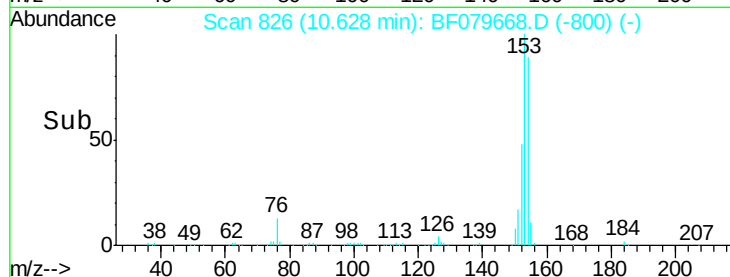
152 54.0 43.8 65.8



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: 40.23 ng

RT: 10.51 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

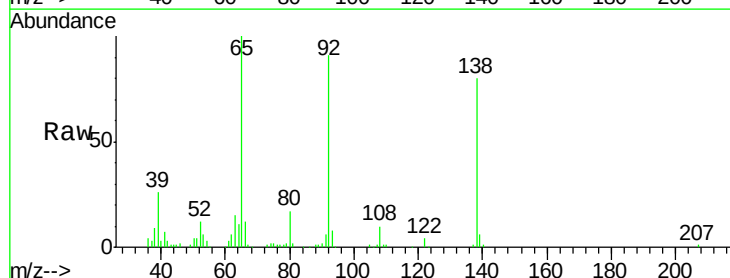
Tgt Ion:138 Resp: 74736

Ion Ratio Lower Upper

138 100

108 12.7 9.1 13.7

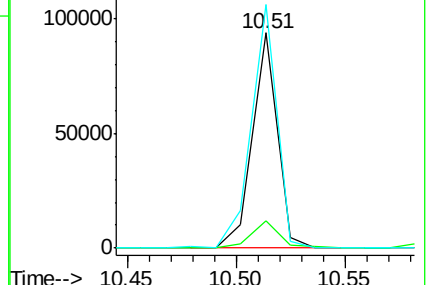
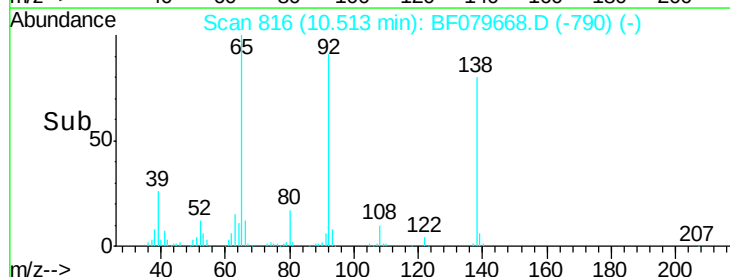
92 113.2 101.4 152.2

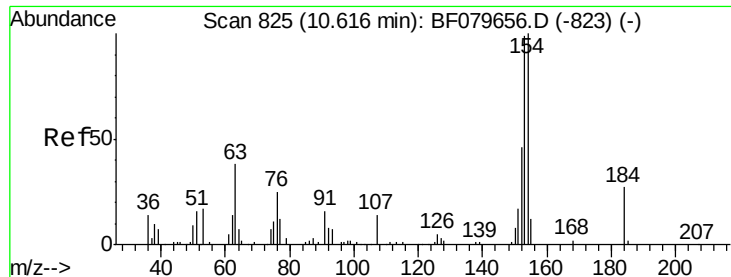


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

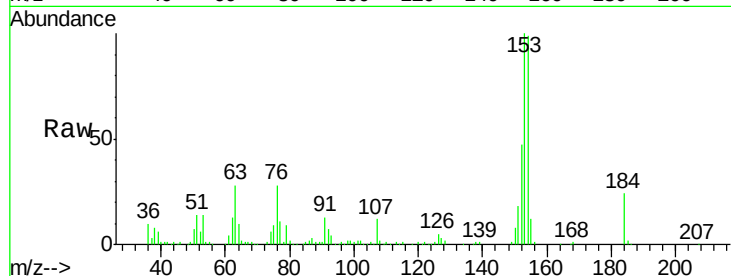




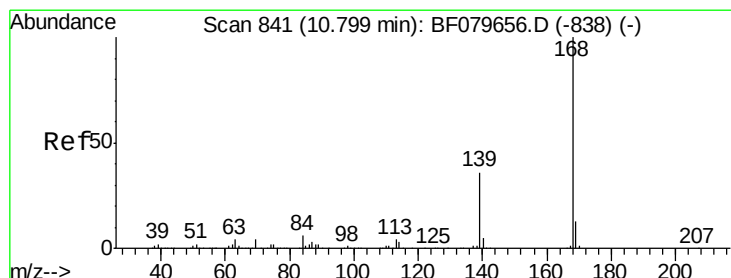
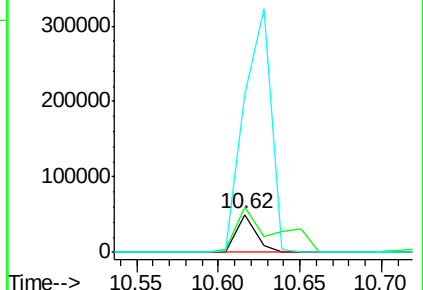
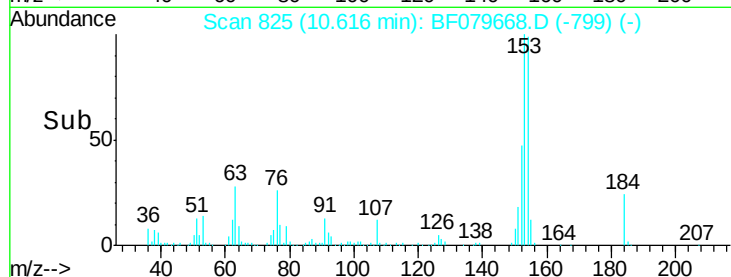
#53
2,4-Dinitrophenol
Concen: 99.07 ng
RT: 10.62 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83719BSD

Tgt Ion:184 Resp: 42423
Ion Ratio Lower Upper
184 100
63 119.0 114.0 171.0
154 415.5 297.0 445.4

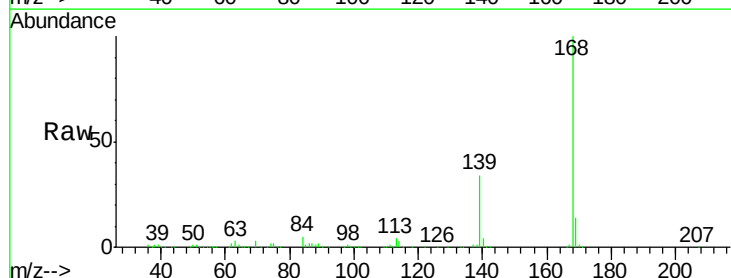


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

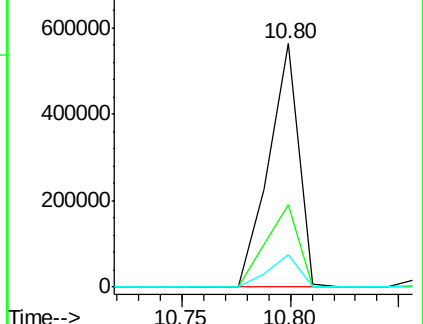
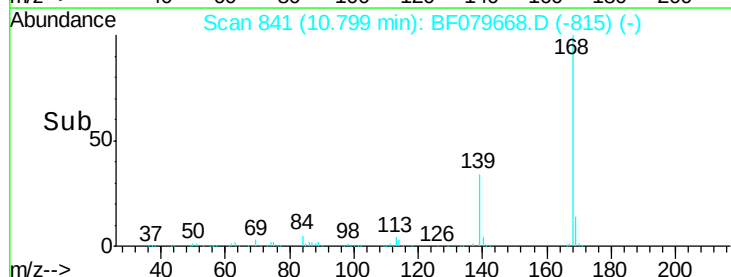


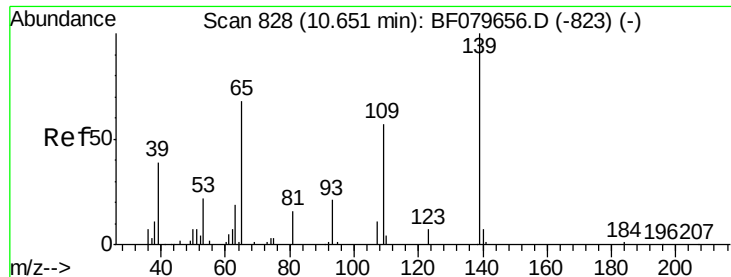
#54
Dibenzofuran
Concen: 47.94 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Tgt Ion:168 Resp: 546441
Ion Ratio Lower Upper
168 100
139 33.6 29.1 43.7
169 13.6 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

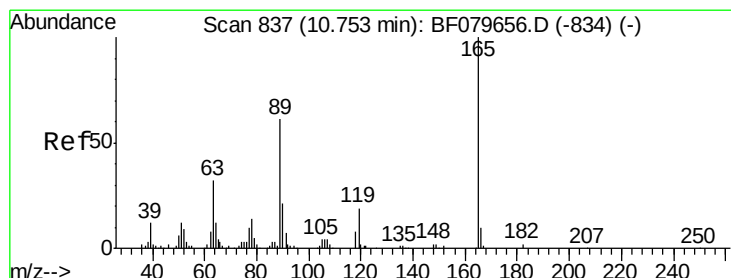
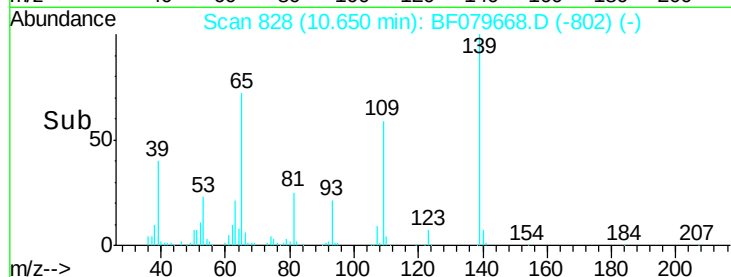
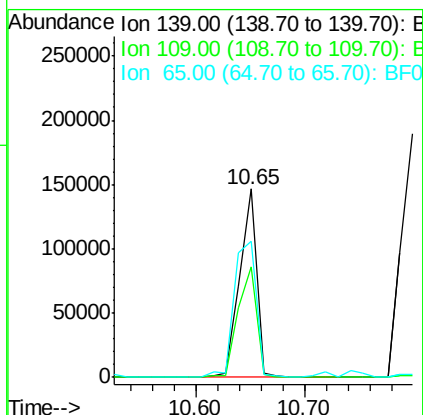
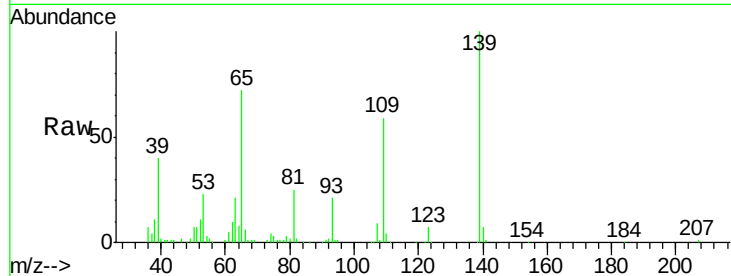




#55
4-Nitrophenol
Concen: 104.16 ng
RT: 10.65 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

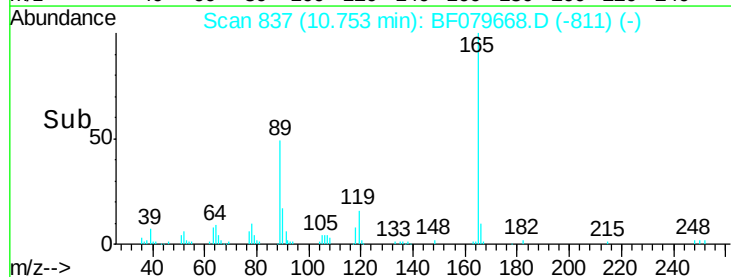
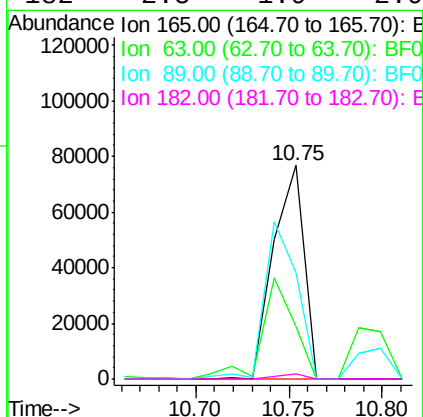
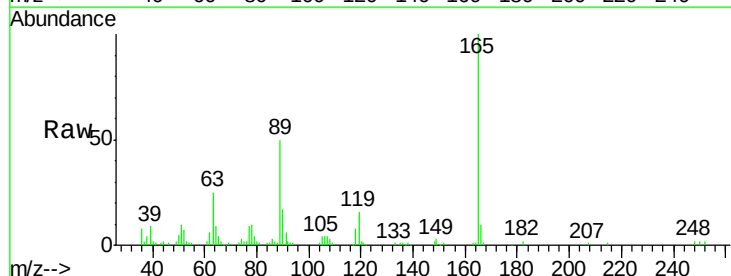
Instrument :
BNA_F
ClientSampleId :
PB83719BSD

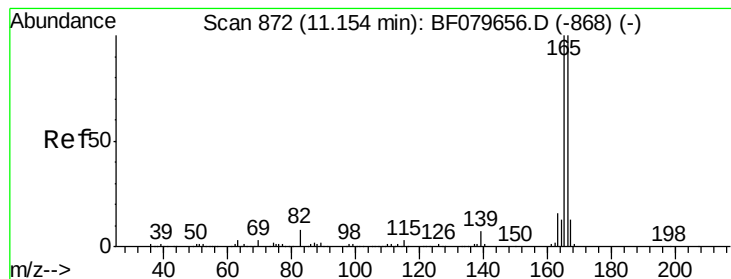
Tgt Ion:139 Resp: 156057
Ion Ratio Lower Upper
139 100
109 58.7 37.1 77.1
65 72.3 49.2 89.2



#56
2,4-Dinitrotoluene
Concen: 46.37 ng
RT: 10.75 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Tgt Ion:165 Resp: 87426
Ion Ratio Lower Upper
165 100
63 24.5 25.5 38.3#
89 50.0 48.5 72.7
182 2.5 1.9 2.9





#57

Fluorene

Concen: 49.26 ng

RT: 11.14 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PB83719BSD

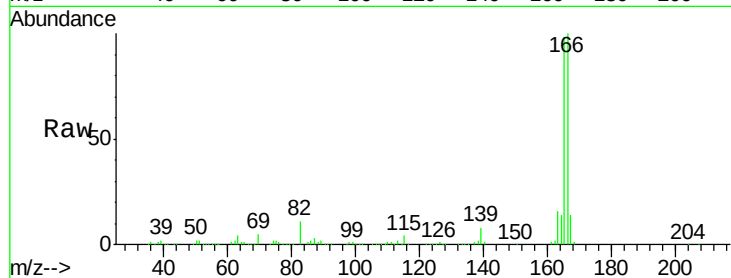
Tgt Ion:166 Resp: 458823

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.6

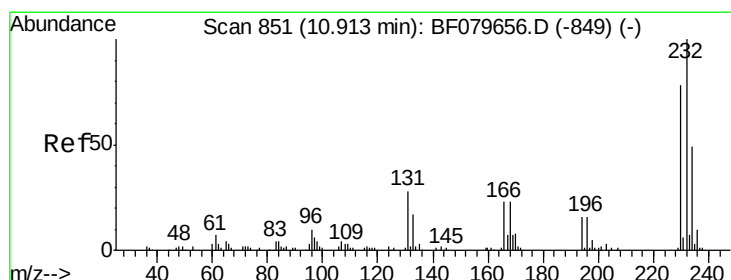
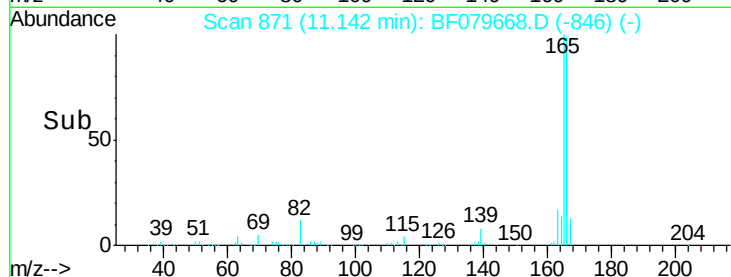
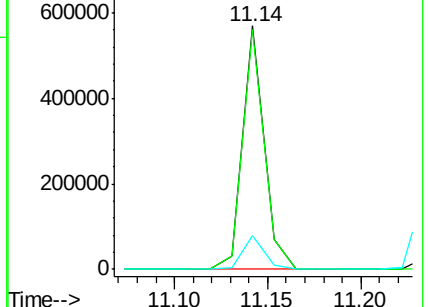
167 13.6 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.12 ng

RT: 10.90 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

Tgt Ion:232 Resp: 97272

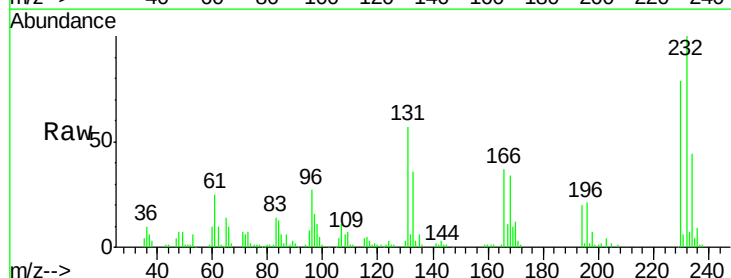
Ion Ratio Lower Upper

232 100

131 45.6 36.6 54.8

130 2.4 1.6 2.4

166 31.1 24.1 36.1

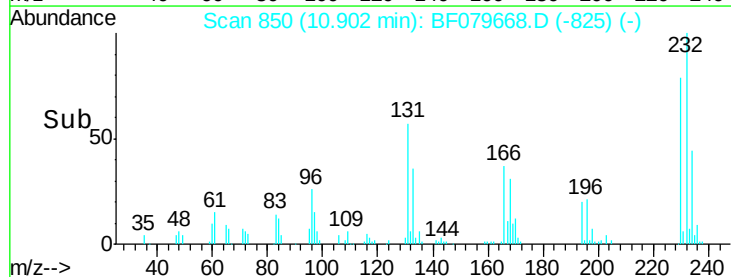
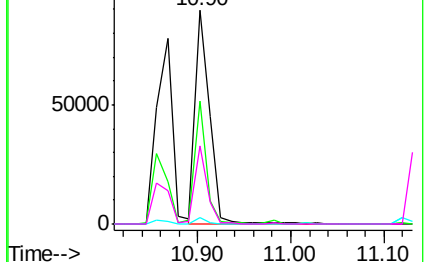


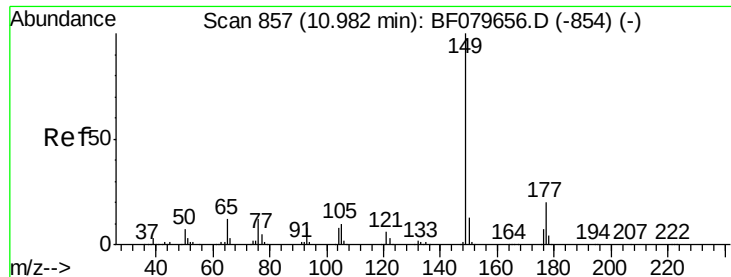
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

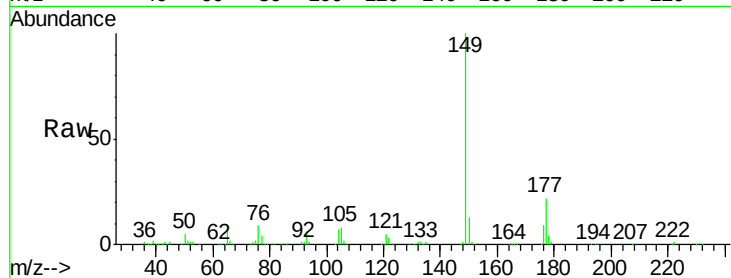




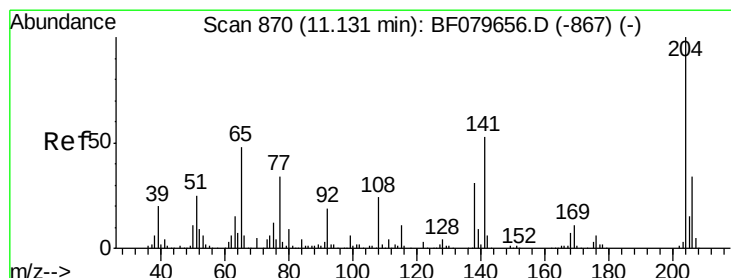
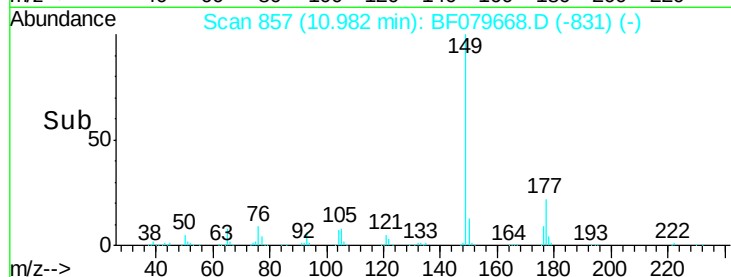
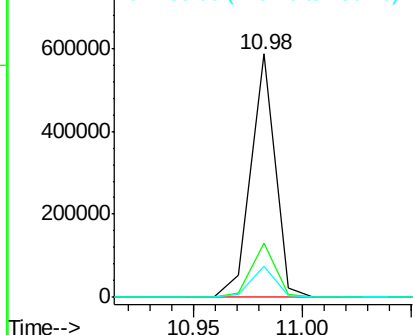
#59
Diethylphthalate
Concen: 49.92 ng
RT: 10.98 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83719BSD

Tgt Ion:149 Resp: 454472
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.6 10.2 15.2

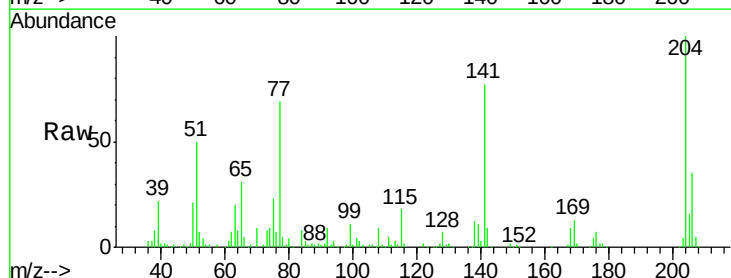


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

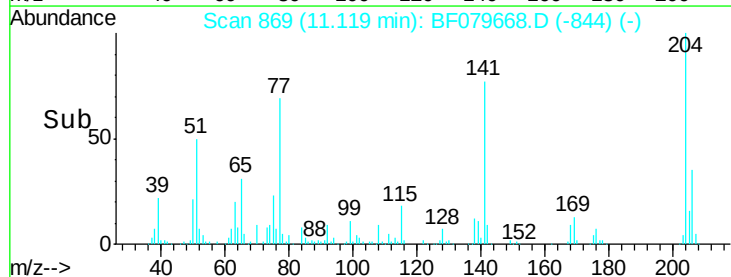
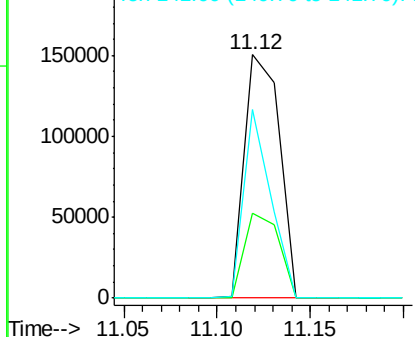


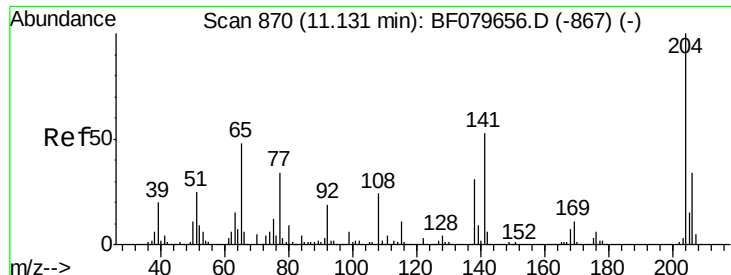
#60
4-Chlorophenyl-phenylether
Concen: 46.59 ng
RT: 11.12 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Tgt Ion:204 Resp: 195864
Ion Ratio Lower Upper
204 100
206 34.7 27.5 41.3
141 77.3 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

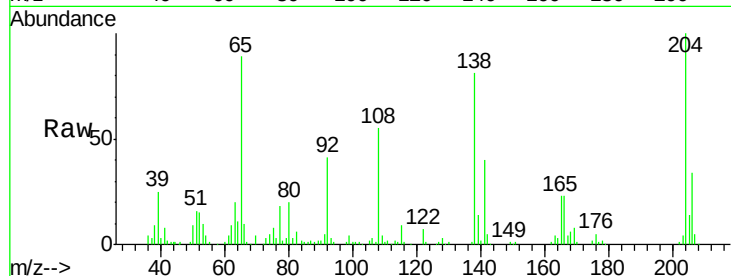




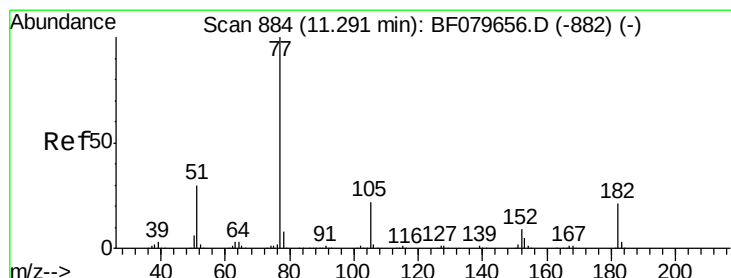
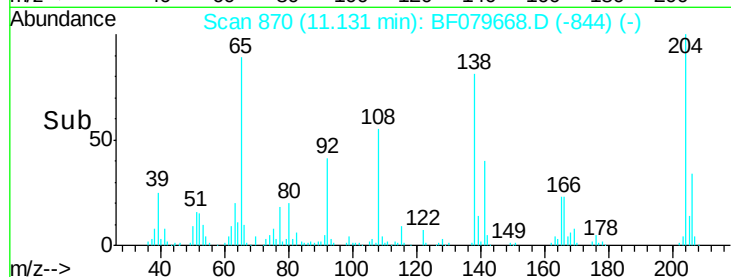
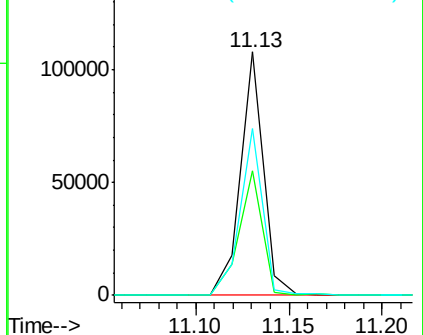
#61
4-Nitroaniline
Concen: 50.66 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83719BSD

Tgt Ion:138 Resp: 92833
Ion Ratio Lower Upper
138 100
92 50.9 40.7 80.7
108 68.7 56.0 96.0

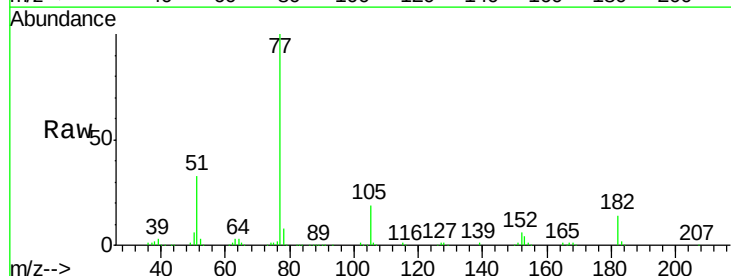


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

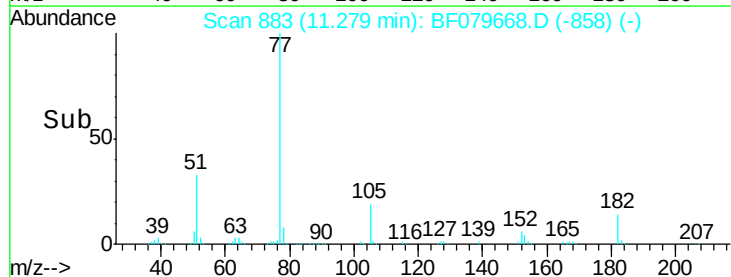
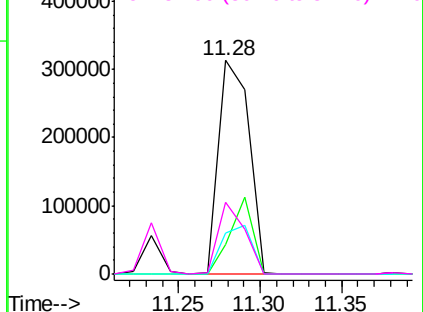


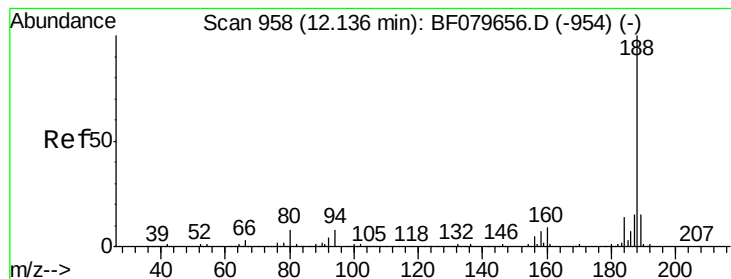
#62
Azobenzene
Concen: 47.35 ng
RT: 11.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Tgt Ion: 77 Resp: 402982
Ion Ratio Lower Upper
77 100
182 13.5 1.3 41.3
105 19.4 2.3 42.3
51 33.5 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: 12.10 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PB83719BSD

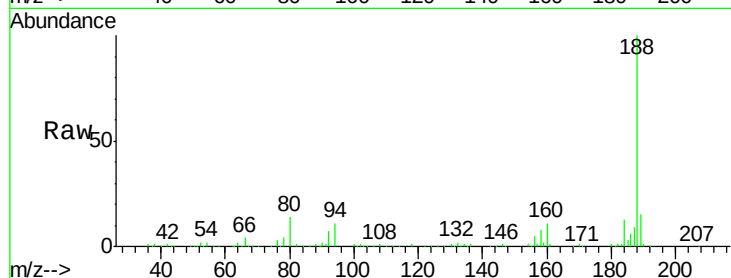
Tgt Ion:188 Resp: 259192

Ion Ratio Lower Upper

188 100

94 11.4 6.1 9.1#

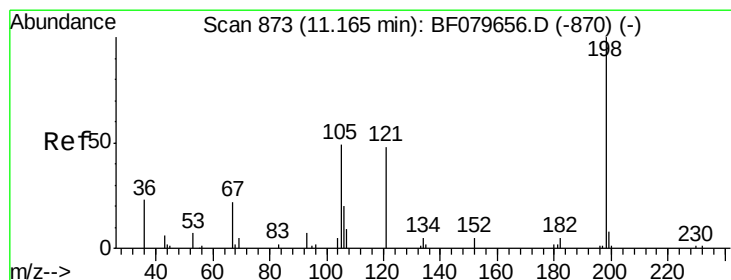
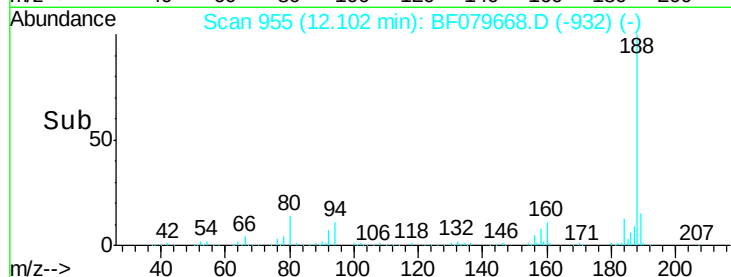
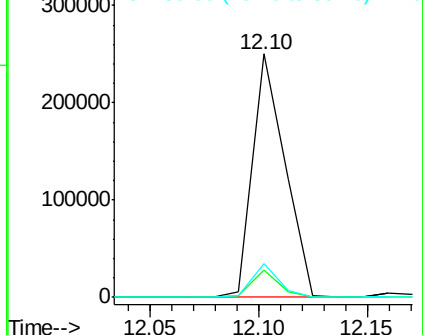
80 13.6 6.2 9.2#



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: 37.80 ng

RT: 11.16 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

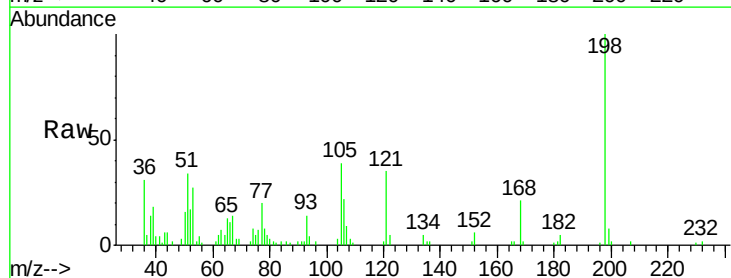
Tgt Ion:198 Resp: 26925

Ion Ratio Lower Upper

198 100

51 34.3 46.1 86.1#

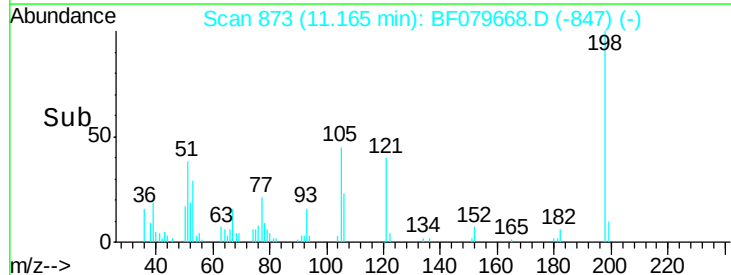
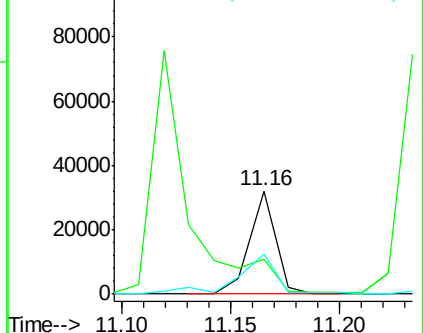
105 38.8 34.6 74.6

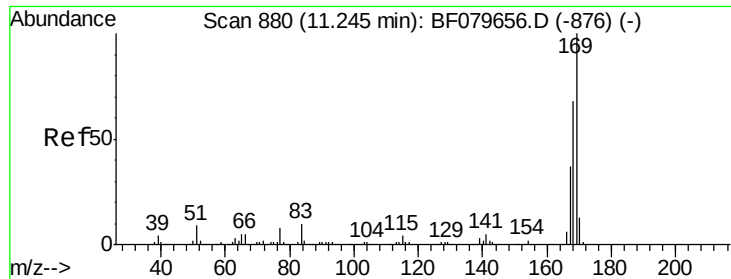


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

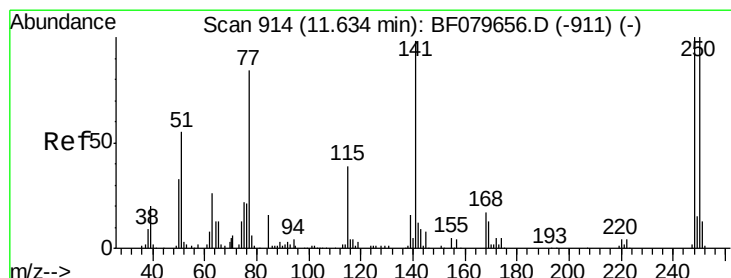
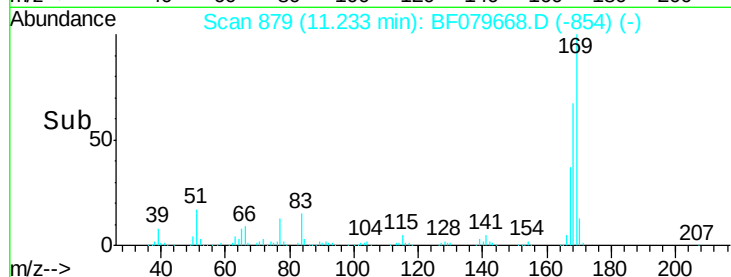
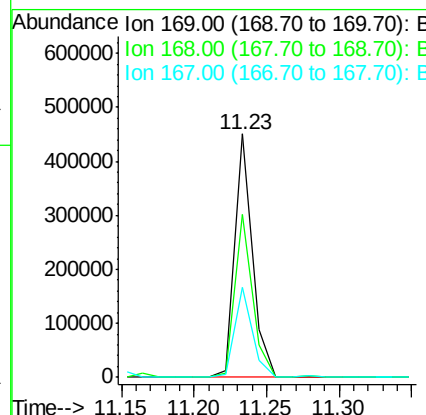
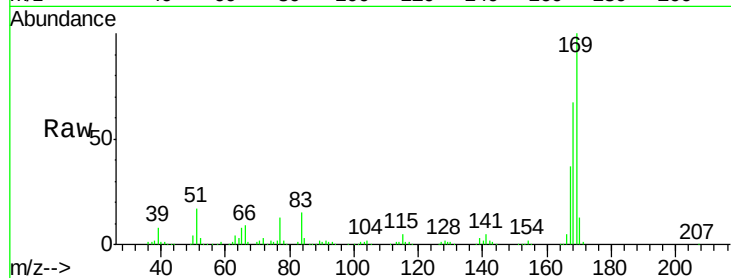




#65
n-Nitrosodiphenylamine
Concen: 46.60 ng
RT: 11.23 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

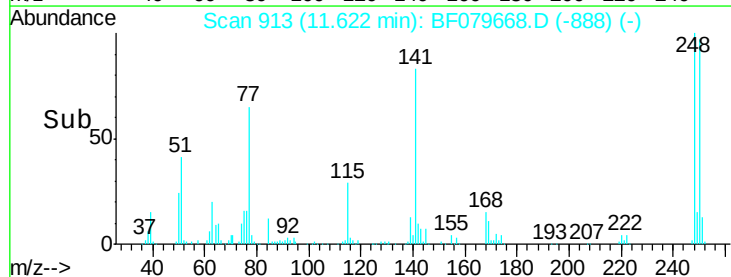
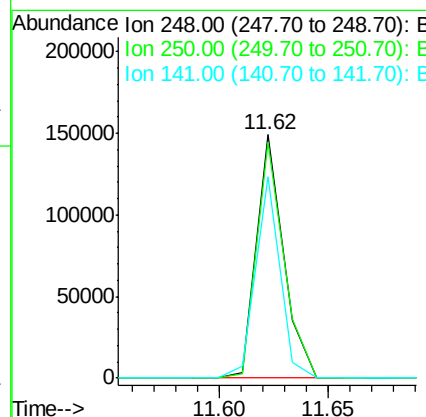
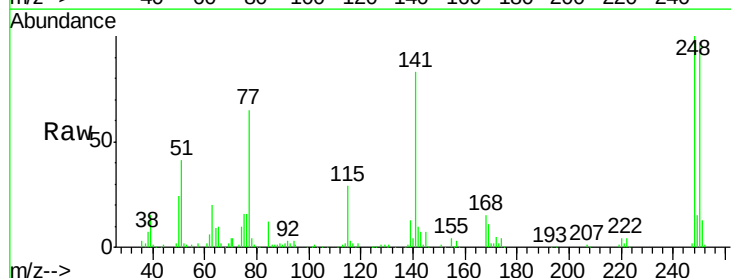
Instrument :
BNA_F
ClientSampleId :
PB83719BSD

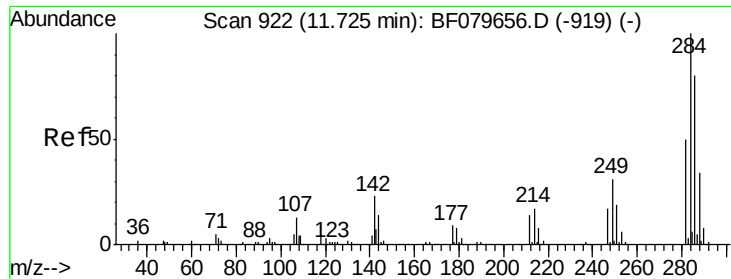
Tgt Ion:169 Resp: 379264
Ion Ratio Lower Upper
169 100
168 66.8 54.3 81.5
167 37.0 29.4 44.0



#66
4-Bromophenyl-phenylether
Concen: 49.52 ng
RT: 11.62 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Tgt Ion:248 Resp: 128788
Ion Ratio Lower Upper
248 100
250 96.7 80.0 120.0
141 82.9 78.8 118.2

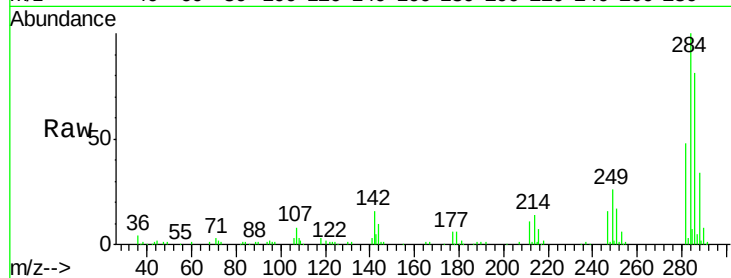




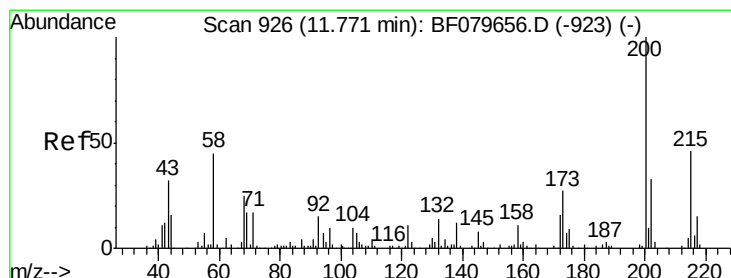
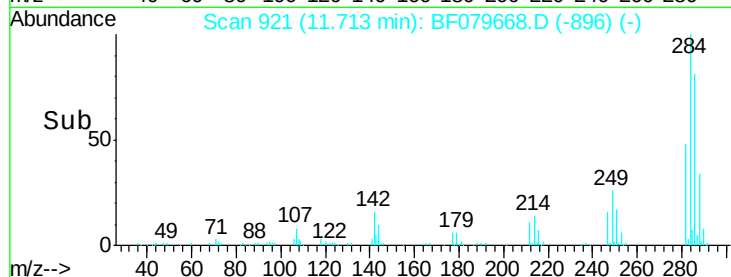
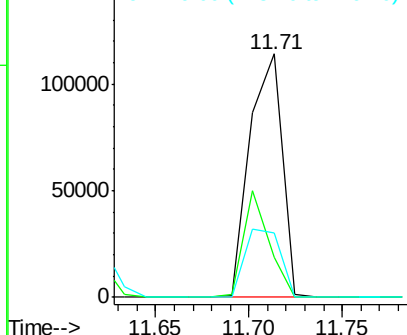
#67
Hexachlorobenzene
Concen: 45.53 ng
RT: 11.71 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83719BSD

Tgt Ion:284 Resp: 139157
Ion Ratio Lower Upper
284 100
142 16.3 18.6 28.0#
249 26.2 24.5 36.7

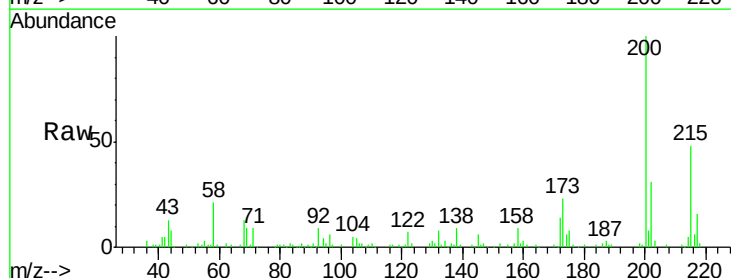


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

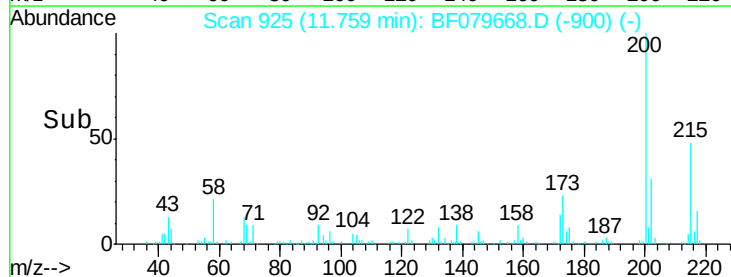
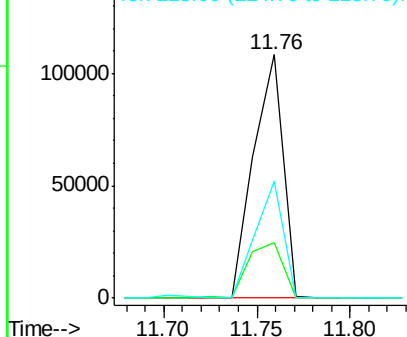


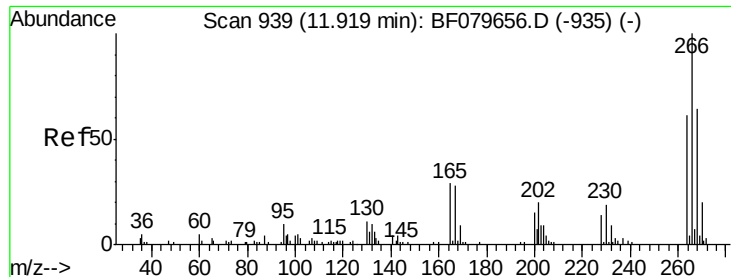
#68
Atrazine
Concen: 56.56 ng
RT: 11.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Tgt Ion:200 Resp: 117900
Ion Ratio Lower Upper
200 100
173 22.9 6.7 46.7
215 48.0 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

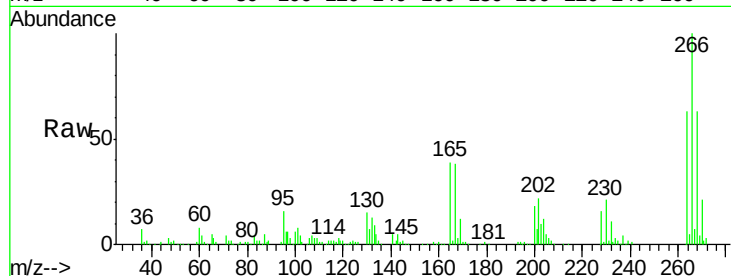




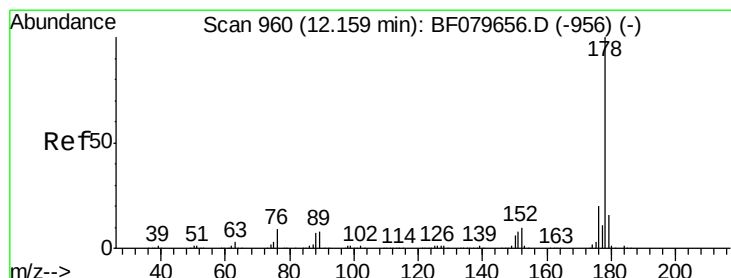
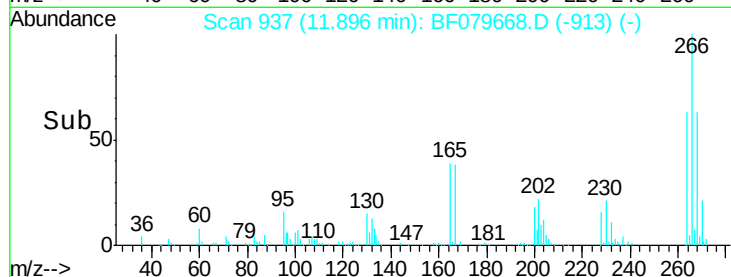
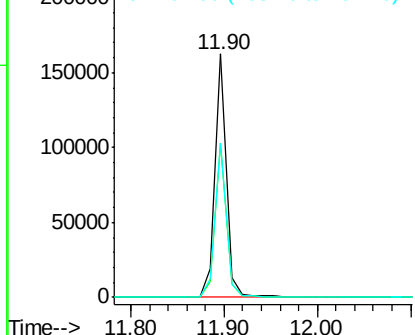
#69
 Pentachlorophenol
 Concen: 123.33 ng
 RT: 11.90 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83719BSD

Tgt Ion:266 Resp: 138066
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.0 76.4
 264 63.2 48.6 72.8

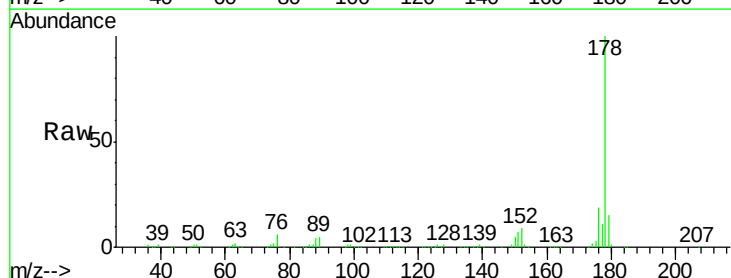


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

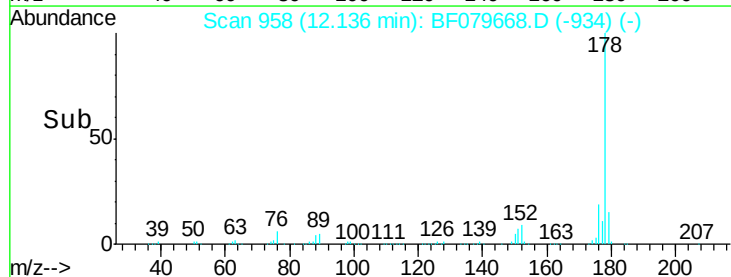
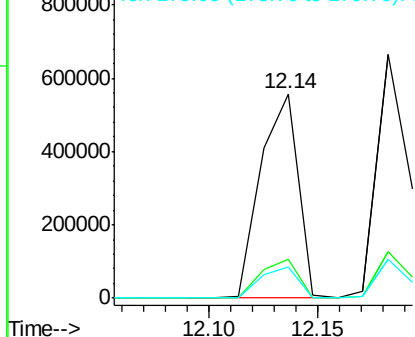


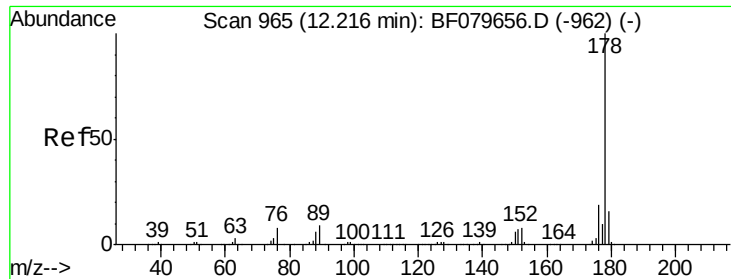
#70
 Phenanthrene
 Concen: 46.89 ng
 RT: 12.14 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Tgt Ion:178 Resp: 671903
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.2 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

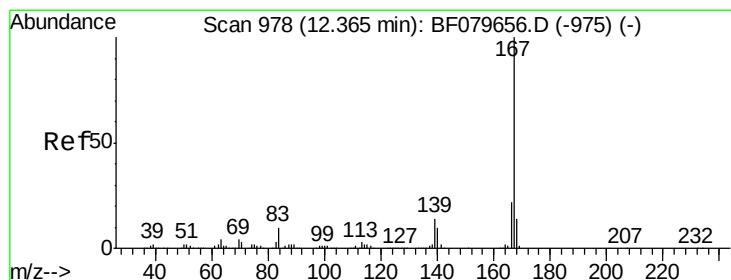
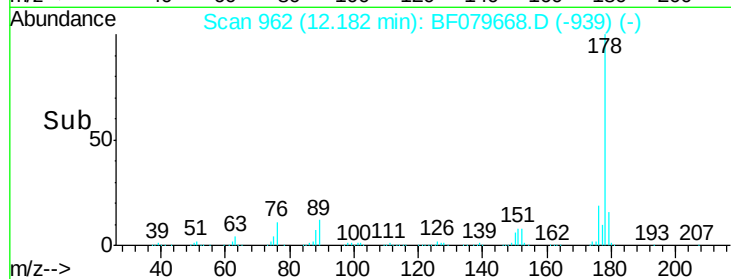
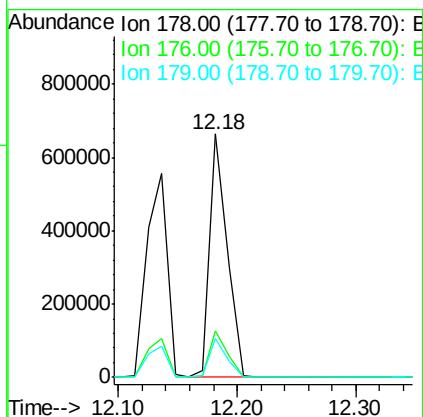
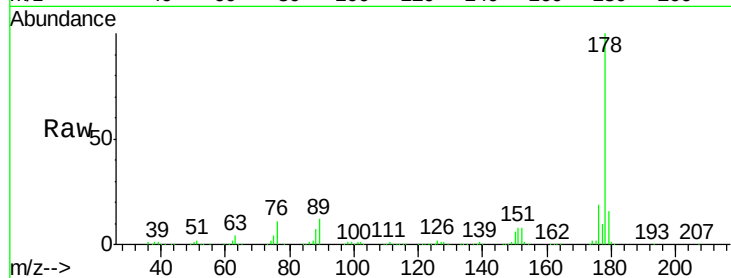




#71
 Anthracene
 Concen: 47.01 ng
 RT: 12.18 min Scan# 962
 Delta R.T. -0.03 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

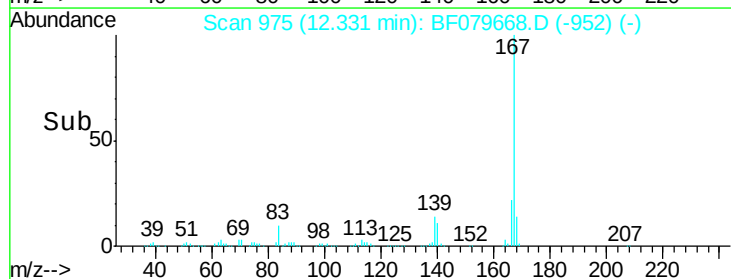
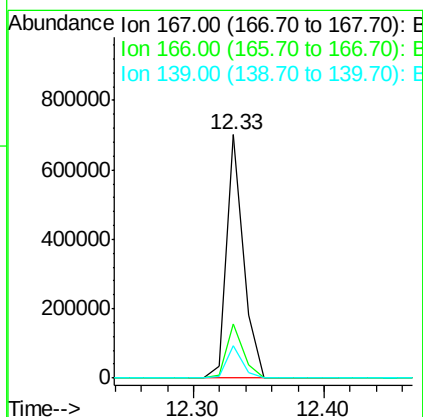
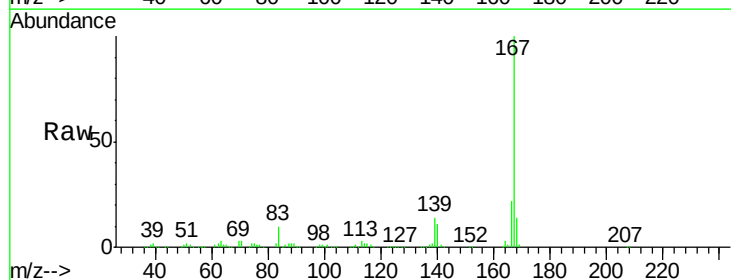
Instrument :
 BNA_F
 ClientSampleId :
 PB83719BSD

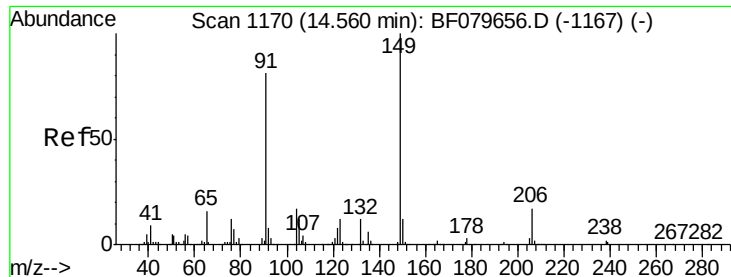
Tgt Ion:178 Resp: 677776
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.0
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 47.63 ng
 RT: 12.33 min Scan# 975
 Delta R.T. -0.03 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Tgt Ion:167 Resp: 630569
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 13.5 11.3 16.9

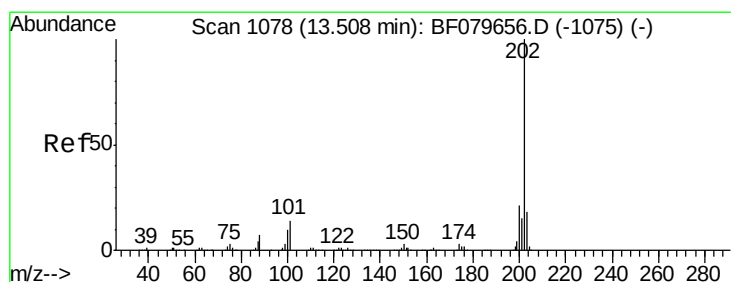
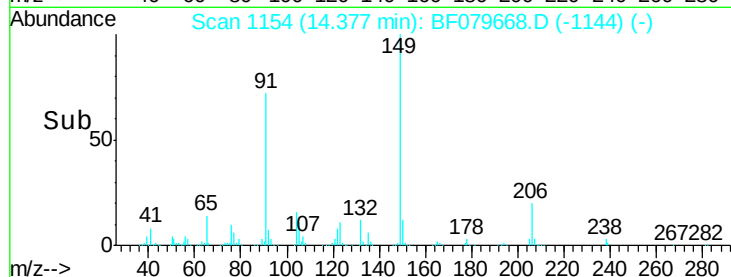
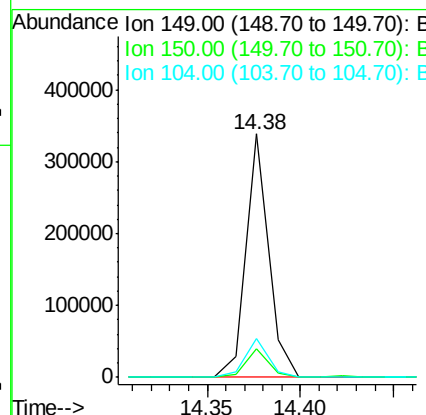
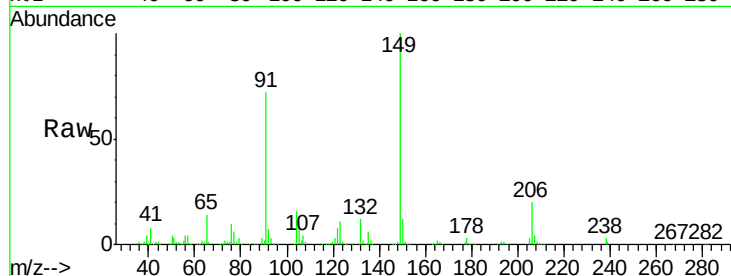




#73
Di-n-butylphthalate
Concen: 51.25 ng
RT: 14.38 min Scan# 1154
Delta R.T. -0.18 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

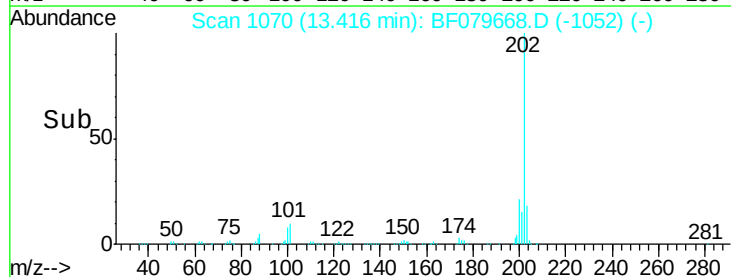
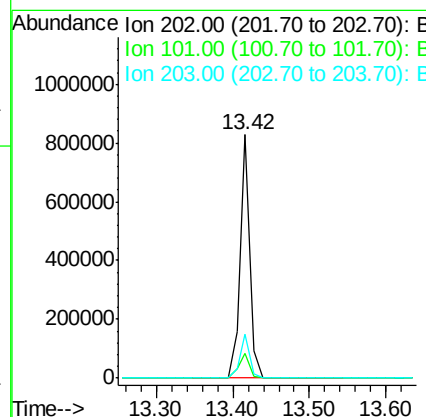
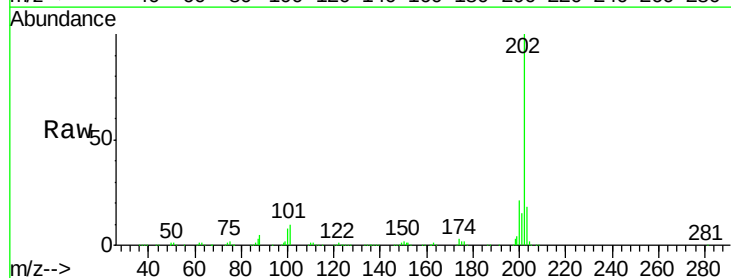
Instrument :
BNA_F
ClientSampleId :
PB83719BSD

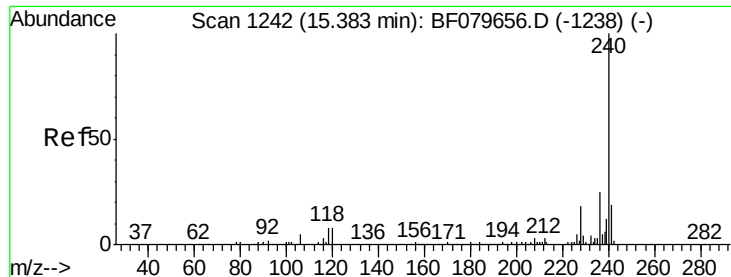
Tgt Ion:149 Resp: 289377
Ion Ratio Lower Upper
149 100
150 11.6 9.5 14.3
104 15.8 13.8 20.6



#74
Fluoranthene
Concen: 48.41 ng
RT: 13.42 min Scan# 1070
Delta R.T. -0.09 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Tgt Ion:202 Resp: 748059
Ion Ratio Lower Upper
202 100
101 10.3 0.0 34.0
203 18.2 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.13 min Scan# 1220

Delta R.T. -0.25 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PB83719BSD

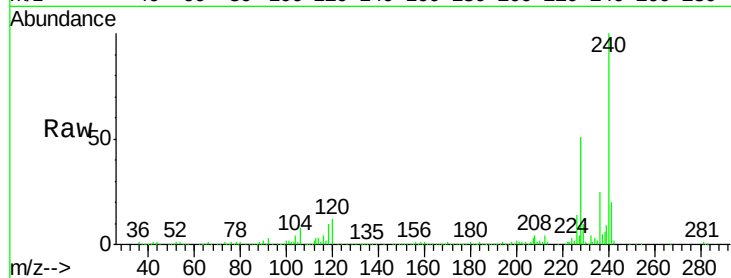
Tgt Ion:240 Resp: 290661

Ion Ratio Lower Upper

240 100

120 11.5 6.4 9.6#

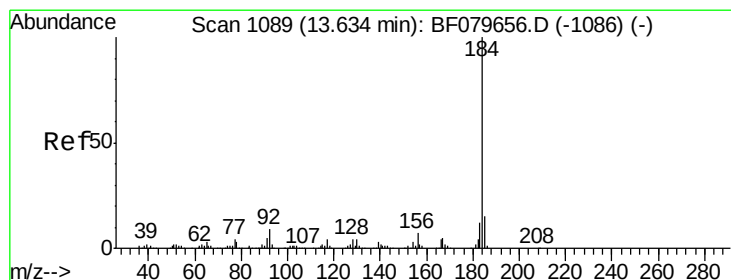
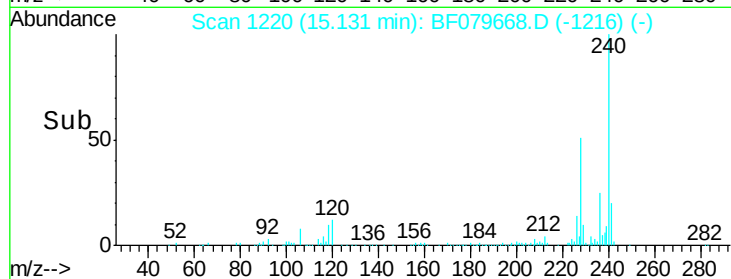
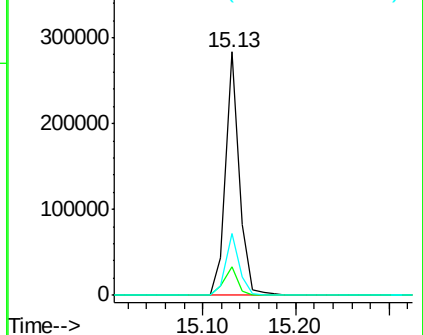
236 25.5 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.54 ng

RT: 13.53 min Scan# 1080

Delta R.T. -0.10 min

Lab File: BF079668.D

Acq: 3 Jun 2015 18:14

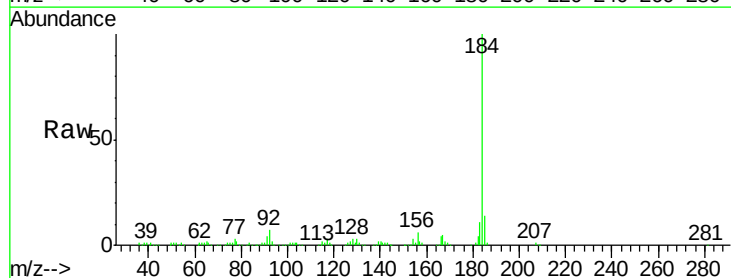
Tgt Ion:184 Resp: 327592

Ion Ratio Lower Upper

184 100

185 13.7 11.8 17.6

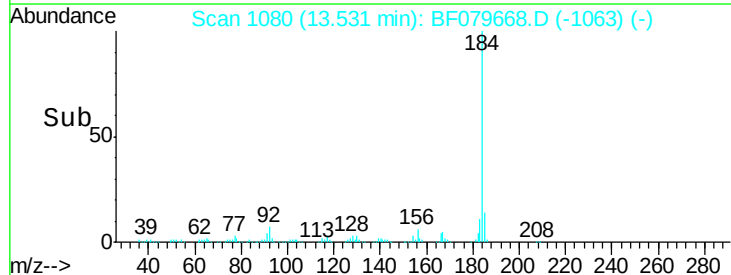
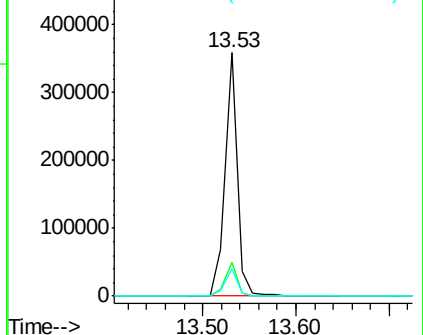
183 11.0 9.2 13.8

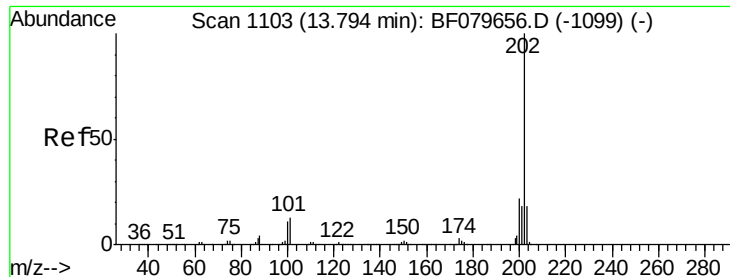


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

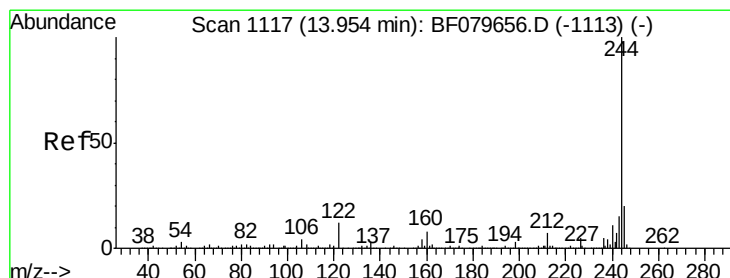
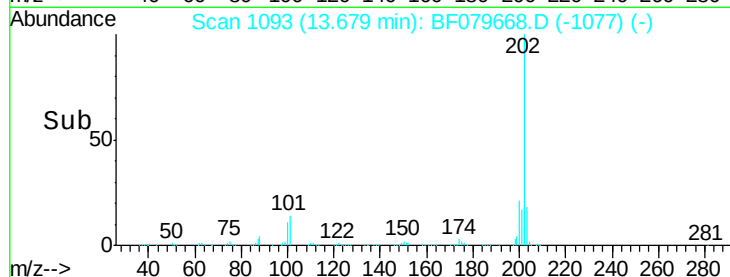
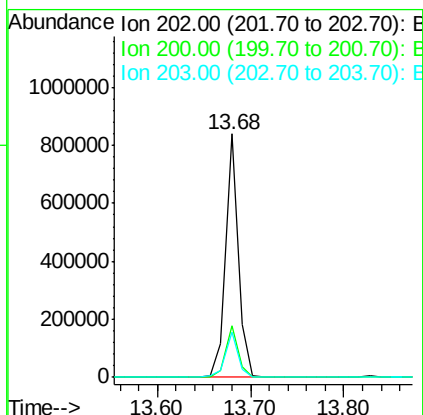
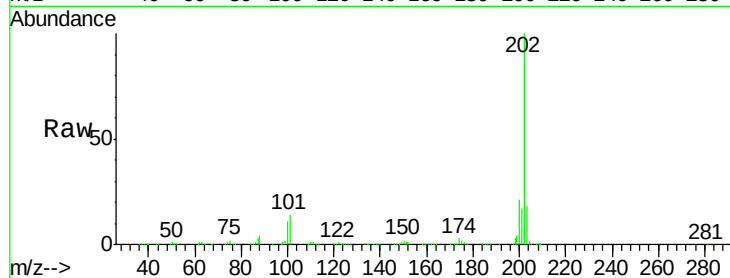




#77
 Pyrene
 Concen: 47.13 ng
 RT: 13.68 min Scan# 1093
 Delta R.T. -0.11 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

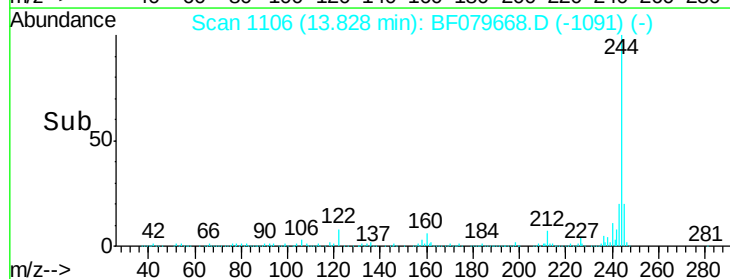
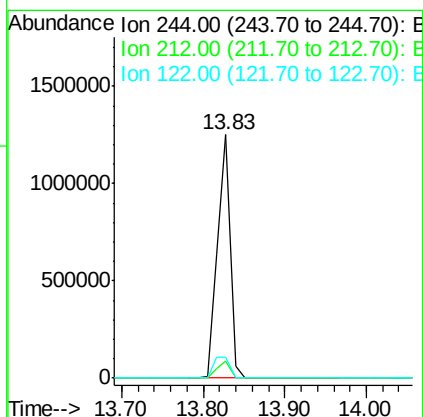
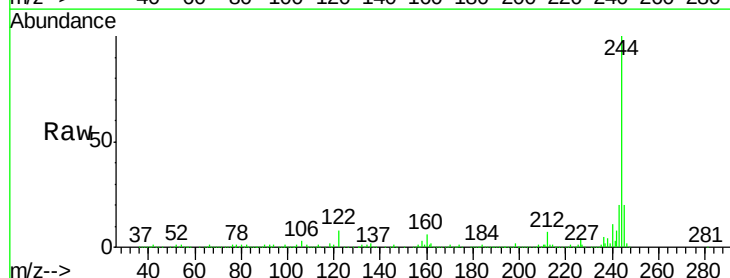
Instrument :
 BNA_F
 ClientSampleId :
 PB83719BSD

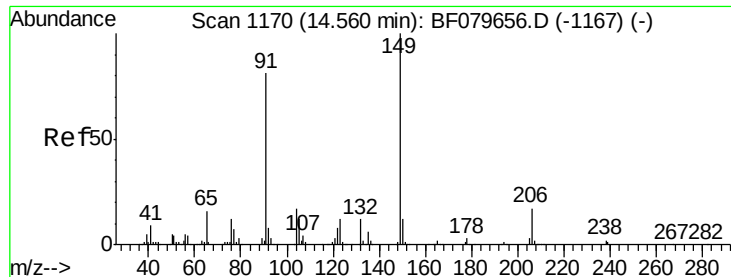
Tgt Ion: 202 Resp: 788824
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.4 26.0
 203 18.4 14.5 21.7



#78
 Terphenyl-d14
 Concen: 119.71 ng
 RT: 13.83 min Scan# 1106
 Delta R.T. -0.13 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Tgt Ion: 244 Resp: 1349418
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.4 9.8 14.6#

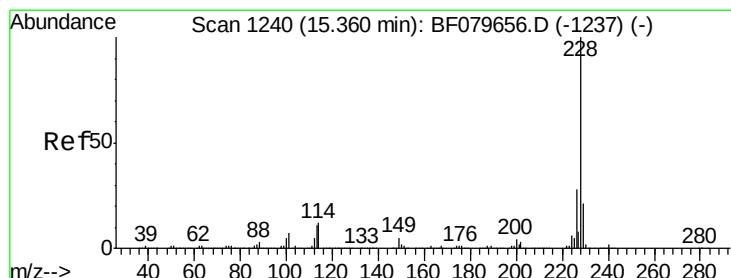
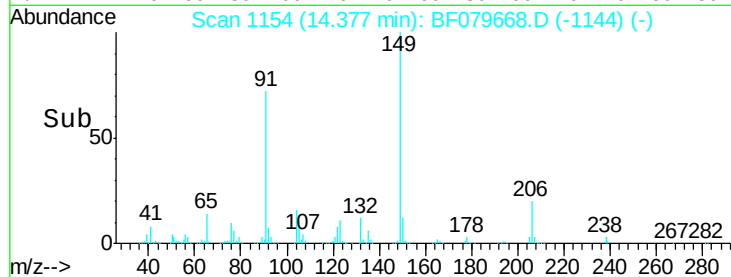
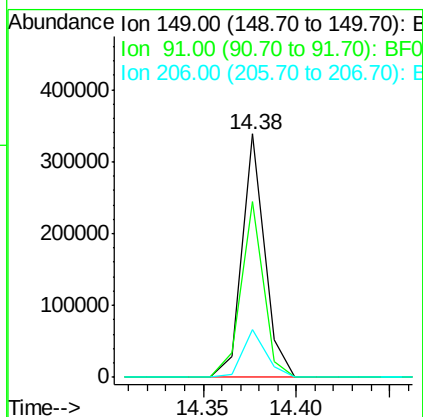
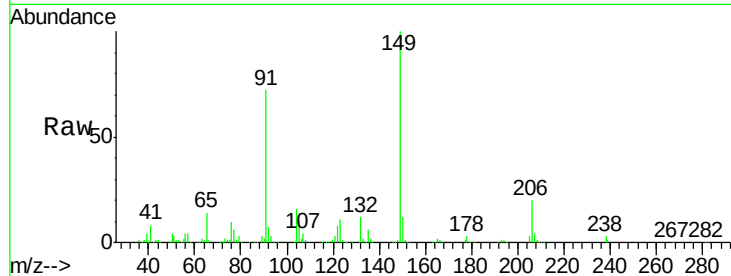




#79
Butylbenzylphthalate
Concen: 49.67 ng
RT: 14.38 min Scan# 1154
Delta R.T. -0.18 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

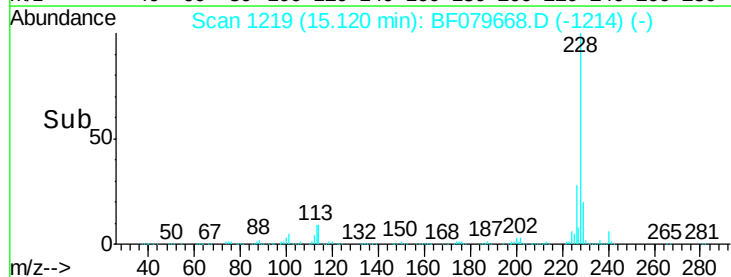
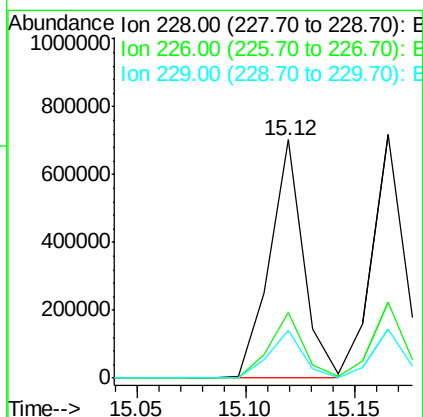
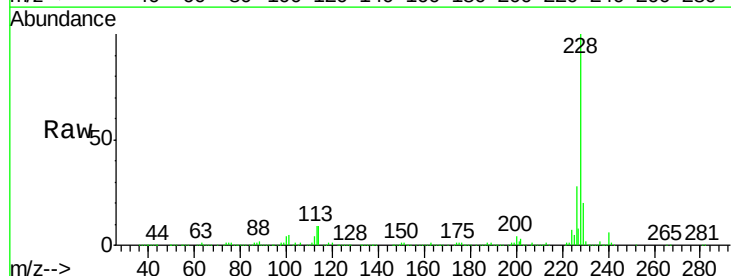
Instrument :
BNA_F
ClientSampleId :
PB83719BSD

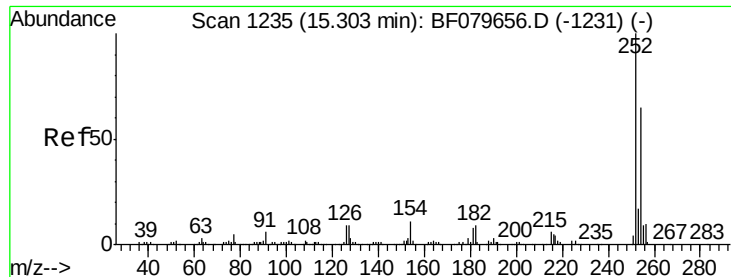
Tgt Ion:149 Resp: 289377
Ion Ratio Lower Upper
149 100
91 72.0 64.4 96.6
206 19.6 13.6 20.4



#80
Benzo(a)anthracene
Concen: 48.29 ng
RT: 15.12 min Scan# 1219
Delta R.T. -0.24 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Tgt Ion:228 Resp: 767528
Ion Ratio Lower Upper
228 100
226 27.7 22.5 33.7
229 19.9 16.6 24.8

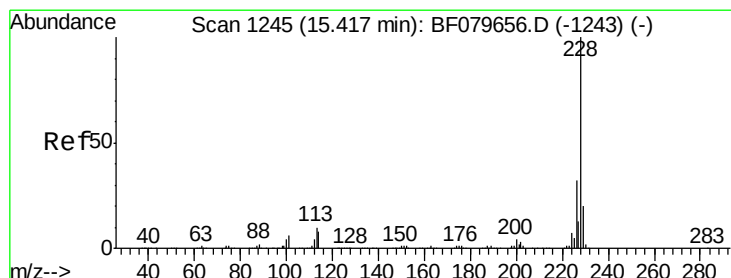
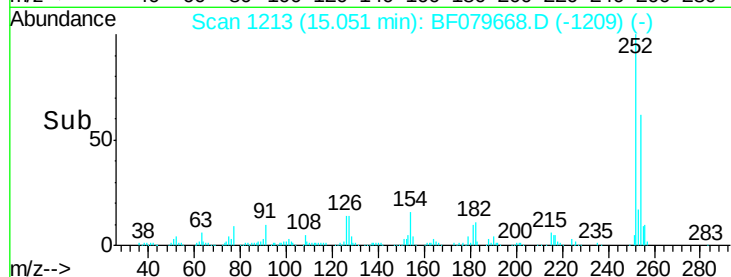
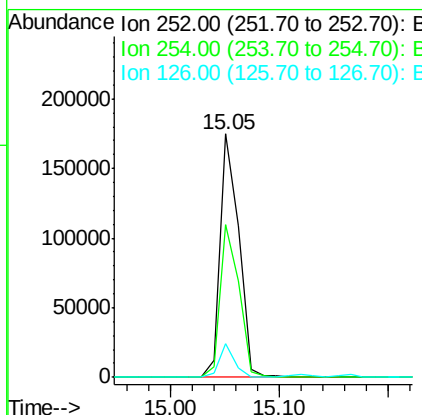
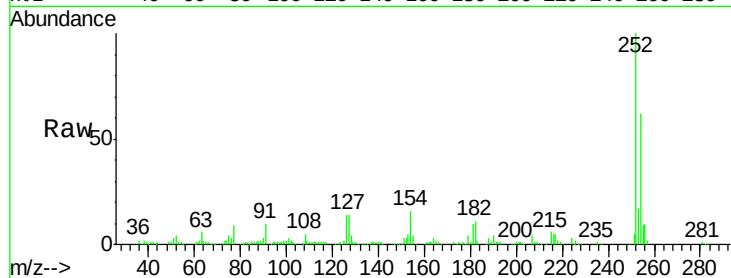




#81
 3,3'-Dichlorobenzidine
 Concen: 44.09 ng
 RT: 15.05 min Scan# 1213
 Delta R.T. -0.25 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

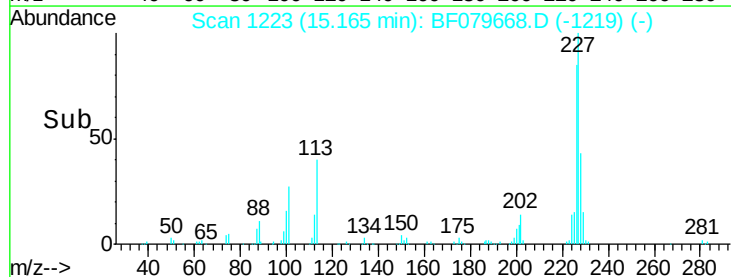
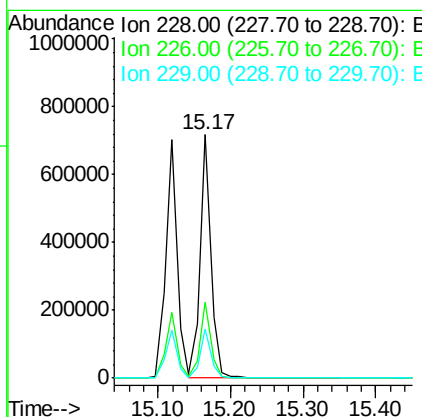
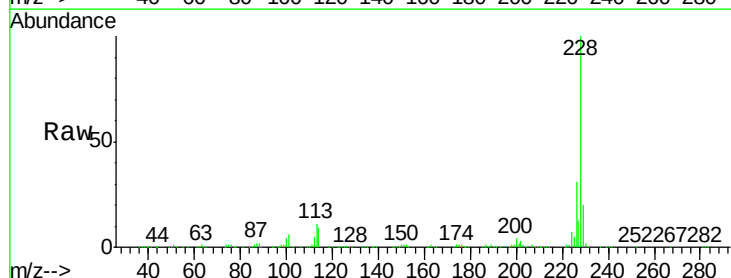
Instrument :
 BNA_F
 ClientSampleId :
 PB83719BSD

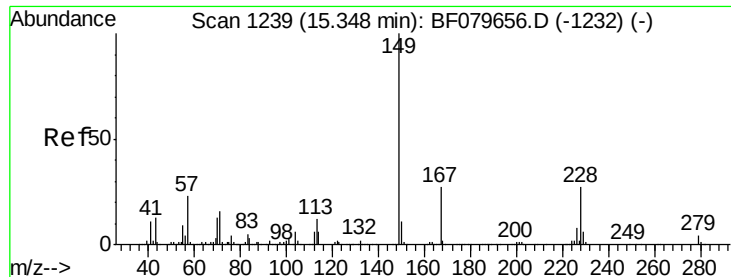
Tgt Ion:252 Resp: 209361
 Ion Ratio Lower Upper
 252 100
 254 62.5 51.6 77.4
 126 14.0 7.3 10.9#



#82
 Chrysene
 Concen: 46.93 ng
 RT: 15.17 min Scan# 1223
 Delta R.T. -0.25 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Tgt Ion:228 Resp: 750437
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.2 37.8
 229 20.2 16.3 24.5

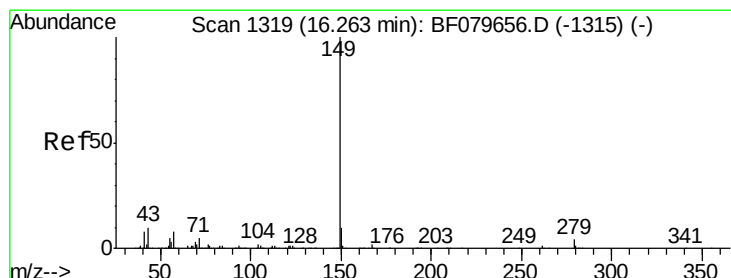
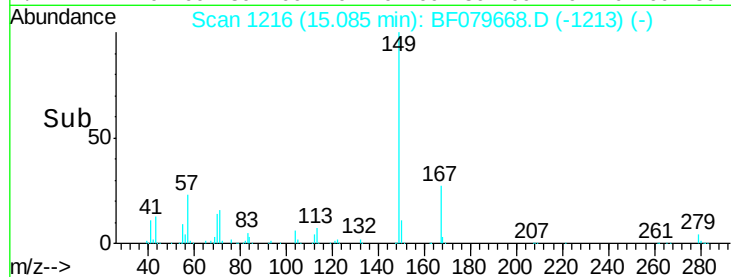
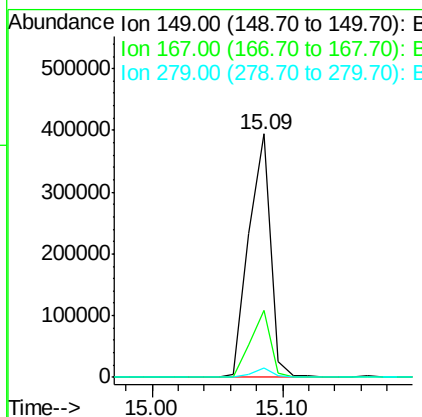
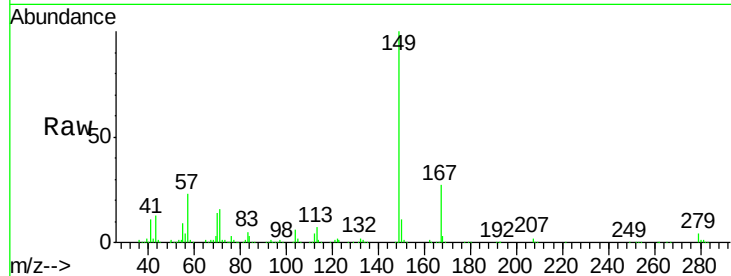




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.78 ng
 RT: 15.09 min Scan# 1216
 Delta R.T. -0.26 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

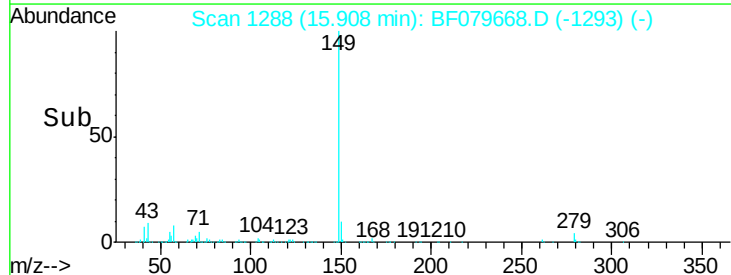
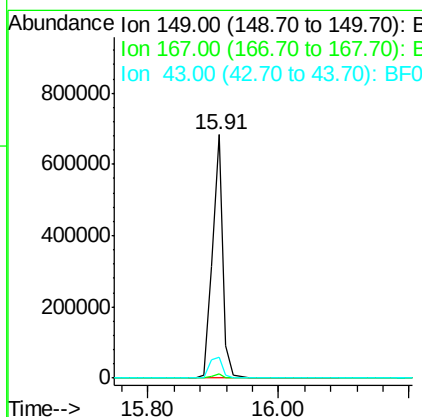
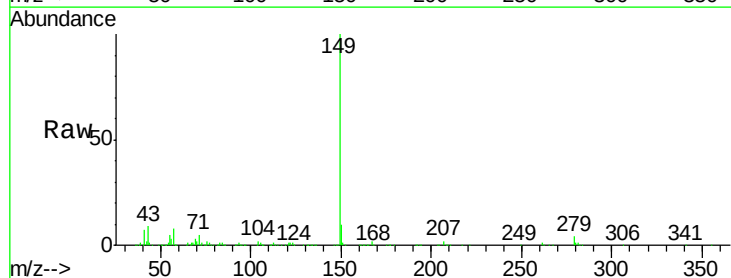
Instrument :
 BNA_F
 ClientSampleId :
 PB83719BSD

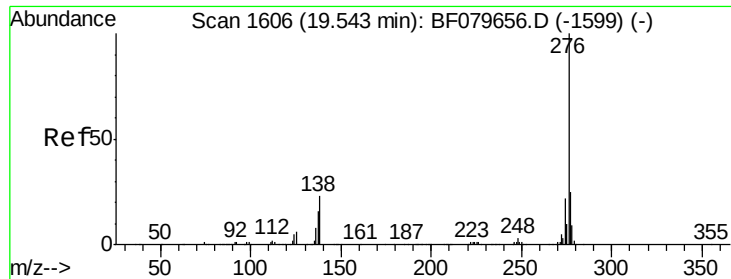
Tgt Ion:149 Resp: 455506
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.6 32.4
 279 4.1 3.1 4.7



#84
 Di-n-octyl phthalate
 Concen: 53.00 ng
 RT: 15.91 min Scan# 1288
 Delta R.T. -0.35 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Tgt Ion:149 Resp: 766874
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.2 9.4 14.2

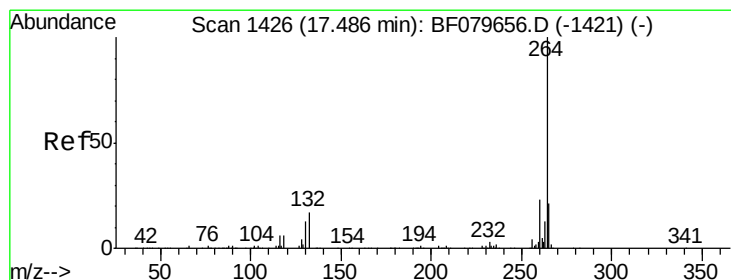
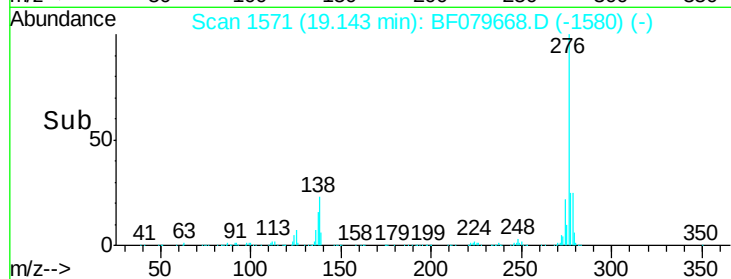
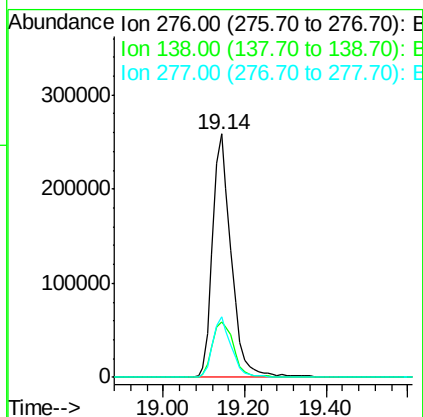
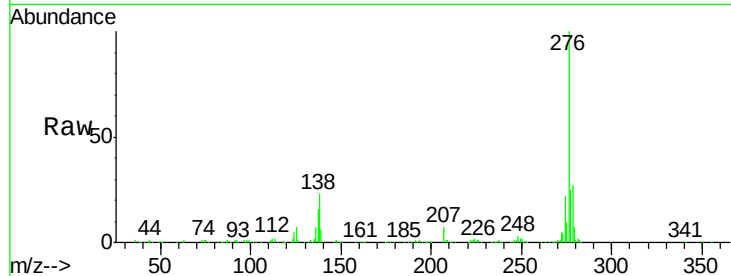




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.75 ng
 RT: 19.14 min Scan# 1571
 Delta R.T. -0.40 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

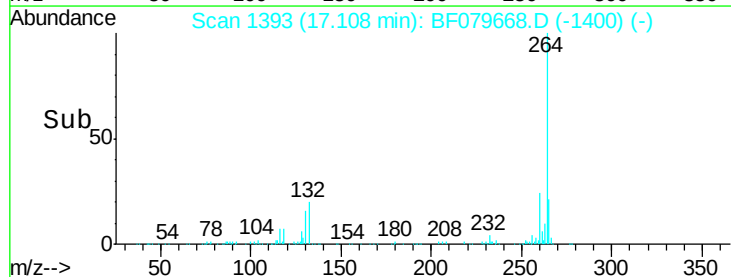
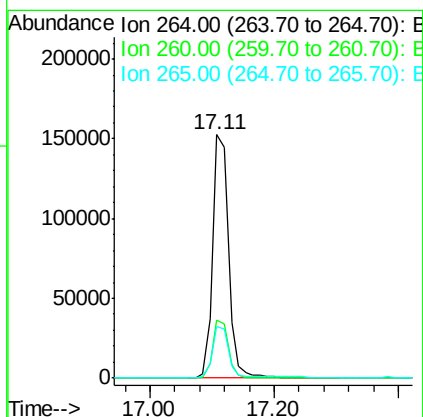
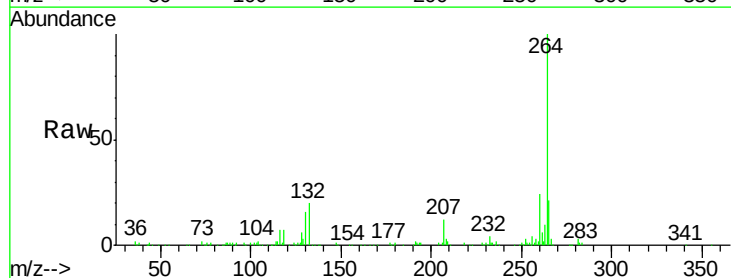
Instrument :
 BNA_F
 ClientSampleId :
 PB83719BSD

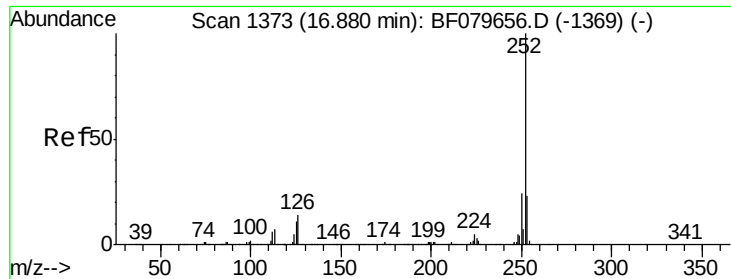
Tgt Ion: 276 Resp: 824902
 Ion Ratio Lower Upper
 276 100
 138 26.4 21.9 32.9
 277 24.7 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.11 min Scan# 1393
 Delta R.T. -0.38 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Tgt Ion: 264 Resp: 268972
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.4 17.4 26.0

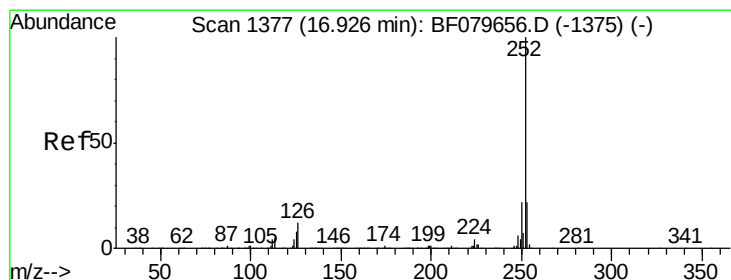
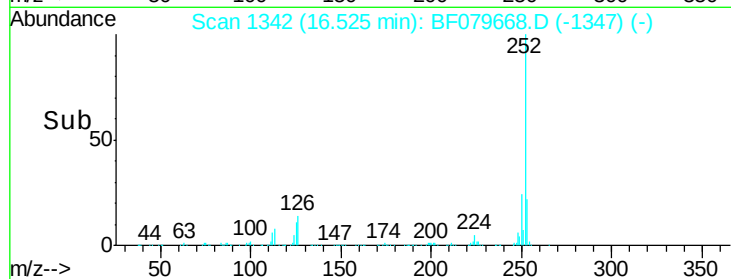
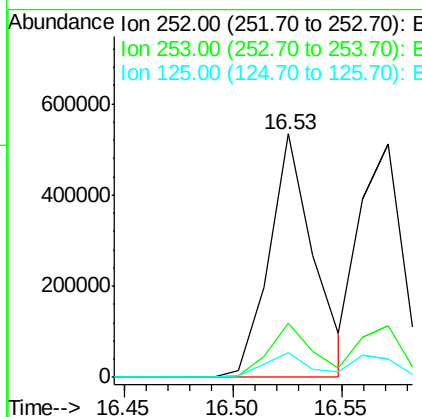
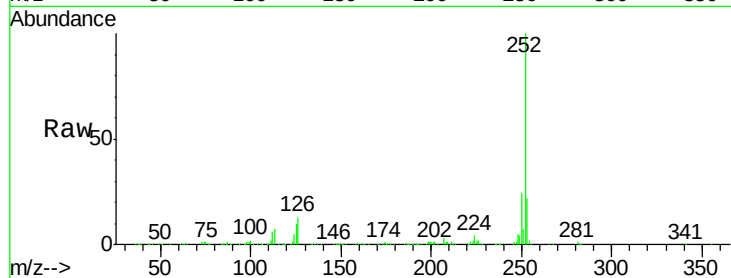




#87
Benzo(b)fluoranthene
Concen: 54.76 ng
RT: 16.53 min Scan# 1342
Delta R.T. -0.35 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

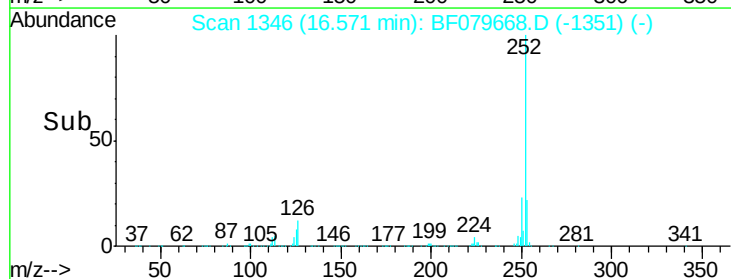
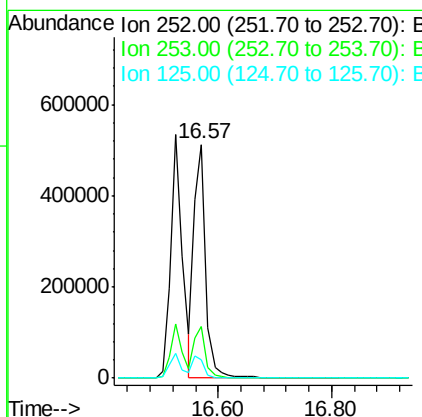
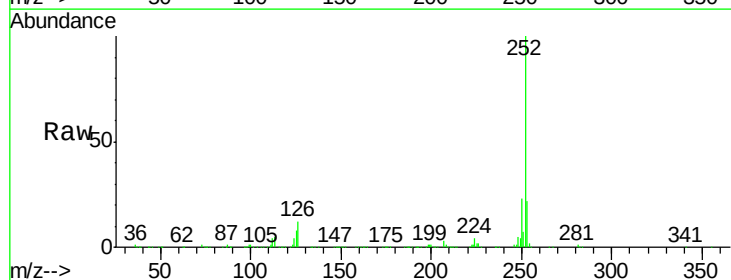
Instrument :
BNA_F
ClientSampleId :
PB83719BSD

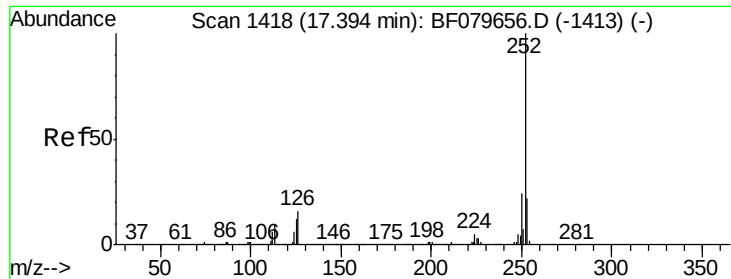
Tgt Ion:252 Resp: 761149
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.2 8.7 13.1



#88
Benzo(k)fluoranthene
Concen: 45.41 ng
RT: 16.57 min Scan# 1346
Delta R.T. -0.35 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Tgt Ion:252 Resp: 739412
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 7.8 7.1 10.7

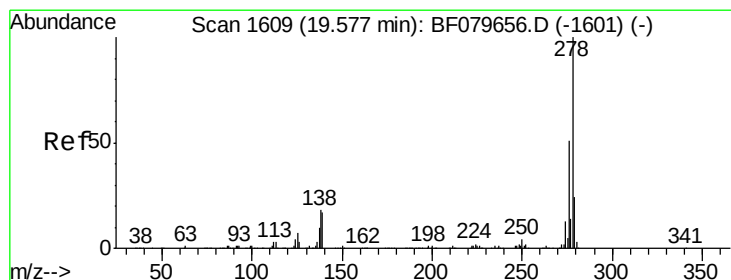
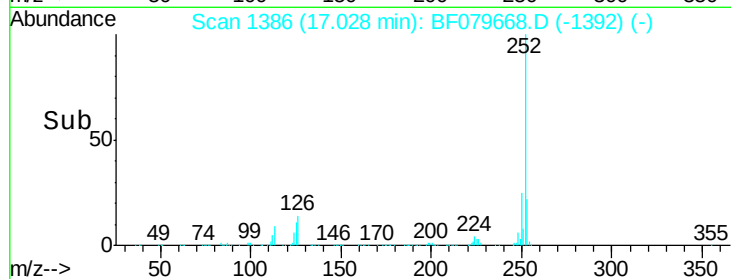
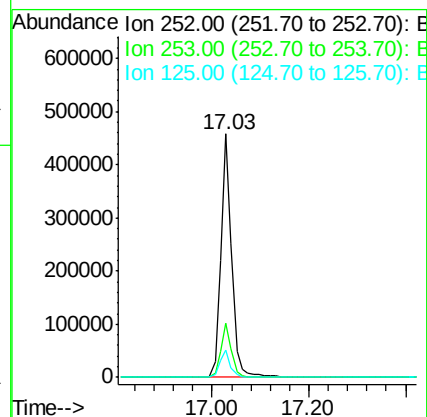
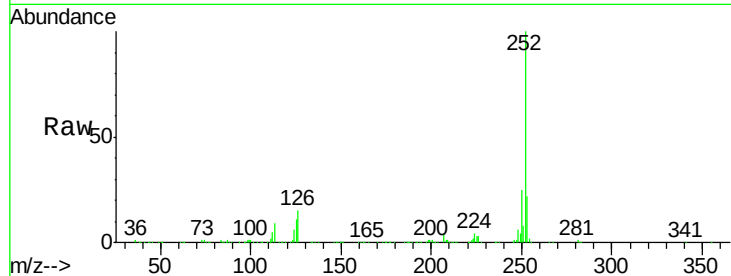




#89
Benzo(a)pyrene
Concen: 53.74 ng
RT: 17.03 min Scan# 1386
Delta R.T. -0.37 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

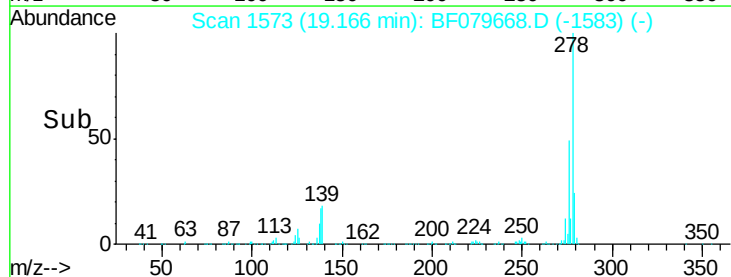
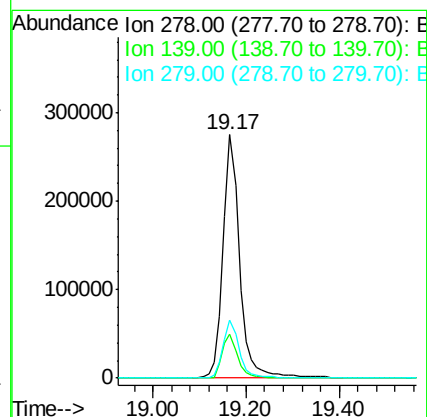
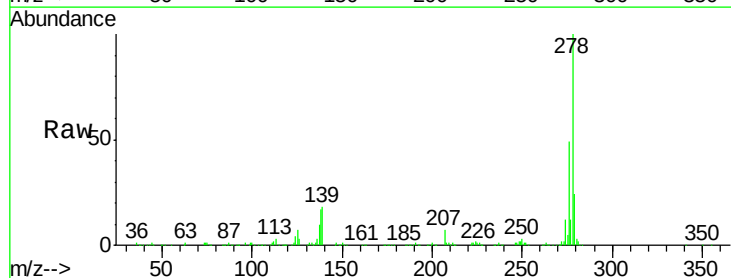
Instrument :
BNA_F
ClientSampleId :
PB83719BSD

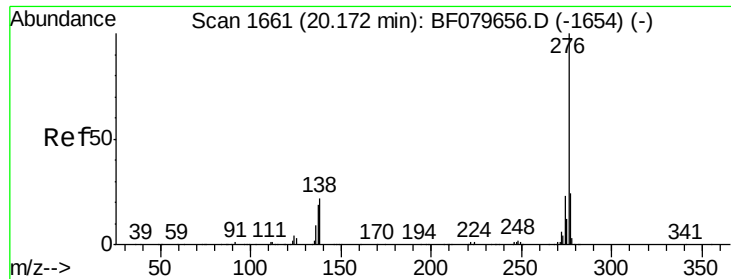
Tgt Ion:252 Resp: 730350
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 11.3 9.4 14.0



#90
Dibenzo(a,h)anthracene
Concen: 53.34 ng
RT: 19.17 min Scan# 1573
Delta R.T. -0.41 min
Lab File: BF079668.D
Acq: 3 Jun 2015 18:14

Tgt Ion:278 Resp: 679241
Ion Ratio Lower Upper
278 100
139 18.2 13.7 20.5
279 23.7 19.6 29.4

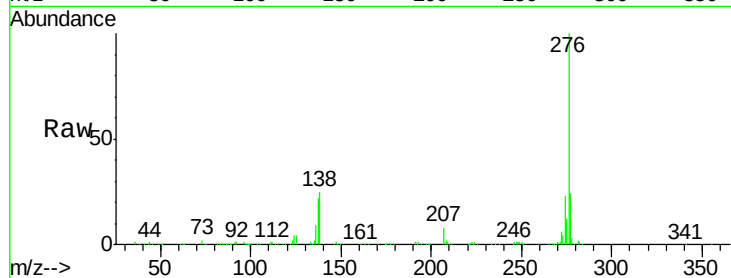




#91
 Benzo(g,h,i)perylene
 Concen: 51.13 ng
 RT: 19.75 min Scan# 1624
 Delta R.T. -0.42 min
 Lab File: BF079668.D
 Acq: 3 Jun 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83719BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	24.7	17.4	26.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

