

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
 Data File : BF079239.D
 Acq On : 14 May 2015 18:18
 Operator : TP/IZ
 Sample : G2215-11MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMSD

Quant Time: May 15 02:33:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 02:17:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	47841	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	200248	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	99243	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	187287	20.00	ng	0.00
75) Chrysene-d12	16.17	240	199954	20.00	ng	-0.07
86) Perylene-d12	18.09	264	223173	20.00	ng	-0.21

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	423771m	152.48	ng	0.00
7) Phenol-d6	6.79	99	600150	163.37	ng	0.00
23) Nitrobenzene-d5	7.91	82	321611	92.30	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	182580	170.06	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	660606	92.74	ng	0.00
78) Terphenyl-d14	14.81	244	763142	91.37	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	42411m	35.10	ng	
3) Pyridine	2.84	79	128950m	36.46	ng	
4) n-Nitrosodimethylamine	2.76	42	74552m	49.20	ng	
6) Aniline	6.81	93	106466	20.53	ng	# 63
8) 2-Chlorophenol	6.95	128	157560	49.98	ng	93
9) Benzaldehyde	6.66	77	50849	20.55	ng	98
10) Phenol	6.80	94	199625	46.84	ng	76
11) bis(2-Chloroethyl)ether	6.91	93	147230	47.13	ng	97
12) 1,3-Dichlorobenzene	7.14	146	165956	46.84	ng	97
13) 1,4-Dichlorobenzene	7.23	146	165285	45.33	ng	95
14) 1,2-Dichlorobenzene	7.42	146	157382	46.36	ng	96
15) Benzyl Alcohol	7.40	79	132839	48.71	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.58	45	220170	46.06	ng	98
17) 2-Methylphenol	7.55	107	128983	50.85	ng	98
18) Hexachloroethane	7.84	117	58694	46.73	ng	97
19) n-Nitroso-di-n-propylamine	7.74	70	121099	48.80	ng	95
20) 3+4-Methylphenols	7.75	107	174858	51.73	ng	# 42
22) Acetophenone	7.72	105	230169	50.88	ng	# 88
24) Nitrobenzene	7.93	77	162048	46.92	ng	93
25) Isophorone	8.23	82	303321	46.96	ng	# 90
26) 2-Nitrophenol	8.33	139	80330	56.20	ng	94
27) 2,4-Dimethylphenol	8.39	122	142578	49.84	ng	92
28) bis(2-Chloroethoxy)methane	8.51	93	200077	50.24	ng	99
29) 2,4-Dichlorophenol	8.63	162	144749	56.91	ng	92
30) 1,2,4-Trichlorobenzene	8.73	180	136202	48.75	ng	97
31) Naphthalene	8.82	128	483866	50.71	ng	100
32) Benzoic acid	8.49	122	44412	27.84	ng	97
33) 4-Chloroaniline	8.90	127	82878	20.53	ng	# 86
34) Hexachlorobutadiene	8.97	225	72457	45.03	ng	97
35) Caprolactam	9.31	113	42618m	51.81	ng	
36) 4-Chloro-3-methylphenol	9.51	107	153023	57.28	ng	93
37) 2-Methylnaphthalene	9.68	142	328113	49.62	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.88	216	131255	46.96	ng	99
40) Hexachlorocyclopentadiene	9.87	237	105117	74.79	ng	96

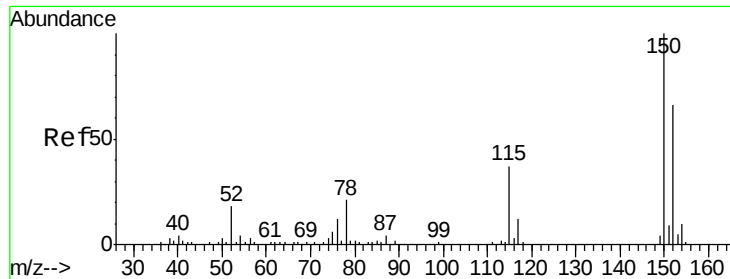
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.03	196	95266	49.58	nq	99
43) 2,4,5-Trichlorophenol	10.08	196	100317	51.64	nq	# 89
45) 1,1'-Biphenyl	10.26	154	389691	49.39	nq	98
46) 2-Chloronaphthalene	10.28	162	312682	50.81	nq	93
47) 2-Nitroaniline	10.41	65	89027	49.93	nq	93
48) Acenaphthylene	10.80	152	508992	50.37	nq	99
49) Dimethylphthalate	10.65	163	437431	60.06	nq	100
50) 2,6-Dinitrotoluene	10.73	165	77816	54.14	nq	96
51) Acenaphthene	11.02	154	296445	49.20	nq	99
52) 3-Nitroaniline	10.93	138	63879	35.58	nq	94
53) 2,4-Dinitrophenol	11.06	184	42426	73.60	nq	# 79
54) Dibenzofuran	11.22	168	431102	49.53	nq	97
55) 4-Nitrophenol	11.15	139	148827	104.72	nq	# 62
56) 2,4-Dinitrotoluene	11.22	165	97881	51.51	nq	# 69
57) Fluorene	11.66	166	364536	51.03	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.38	232	82205	51.78	nq	98
59) Diethylphthalate	11.53	149	353648	49.01	nq	100
60) 4-Chlorophenyl-phenylether	11.66	204	151661	47.85	nq	93
61) 4-Nitroaniline	11.68	138	76683	42.69	nq	98
62) Azobenzene	11.85	77	341745	48.06	nq	96
64) 4,6-Dinitro-2-methylphenol	11.73	198	34605	45.34	nq	# 49
65) n-Nitrosodiphenylamine	11.81	169	305409	48.97	nq	99
66) 4-Bromophenyl-phenylether	12.26	248	93609	47.95	nq	92
67) Hexachlorobenzene	12.33	284	108707	48.72	nq	# 70
68) Atrazine	12.48	200	93001	51.28	nq	98
69) Pentachlorophenol	12.58	266	117551	89.19	nq	99
70) Phenanthrene	12.85	178	663707	63.35	nq	99
71) Anthracene	12.91	178	557795	54.27	nq	99
72) Carbazole	13.12	167	535888	54.70	nq	98
73) Di-n-butylphthalate	13.57	149	608197	51.76	nq	98
74) Fluoranthene	14.32	202	758266	69.45	nq	99
76) Benzidine	14.50	184	227296	42.18	nq	97
77) Pyrene	14.61	202	749068	65.01	nq	99
79) Butylbenzylphthalate	15.45	149	270443	53.69	nq	98
80) Benzo(a)anthracene	16.15	228	646786	59.07	nq	100
81) 3,3'-Dichlorobenzidine	16.13	252	166601	42.72	nq	# 94
82) Chrysene	16.21	228	600561	57.03	nq	100
83) Bis(2-ethylhexyl)phthalate	16.22	149	399738	52.40	nq	# 98
84) Di-n-octyl phthalate	17.10	149	671674	49.99	nq	97
85) Indeno(1,2,3-cd)pyrene	19.58	276	776254m	57.85	nq	
87) Benzo(b)fluoranthene	17.59	252	734294	60.11	nq	99
88) Benzo(k)fluoranthene	17.62	252	557817m	47.17	nq	
89) Benzo(a)pyrene	18.02	252	637317	56.66	nq	100
90) Dibenzo(a,h)anthracene	19.61	278	604420	50.56	nq	98
91) Benzo(g,h,i)perylene	20.01	276	653124	54.51	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.22 min Scan# 528

Delta R.T. 0.00 min

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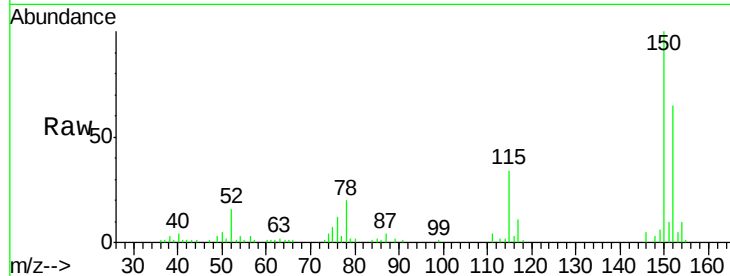
Tot Ion:152 Resp: 47841

Ion Ratio Lower Upper

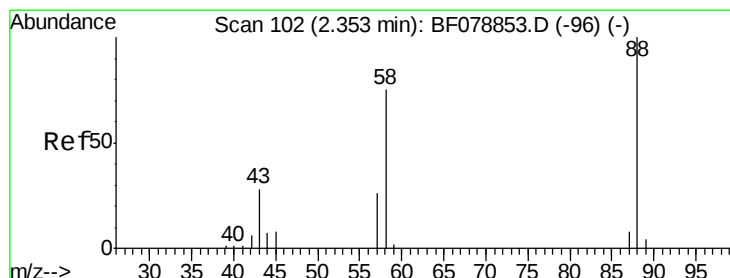
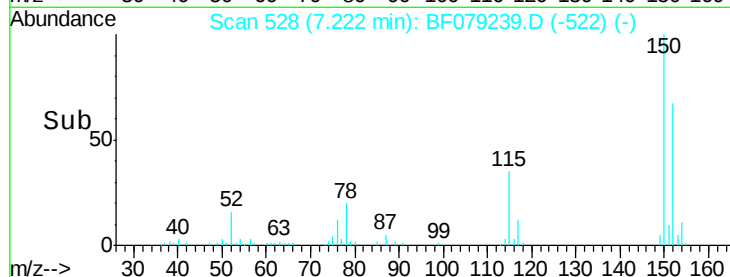
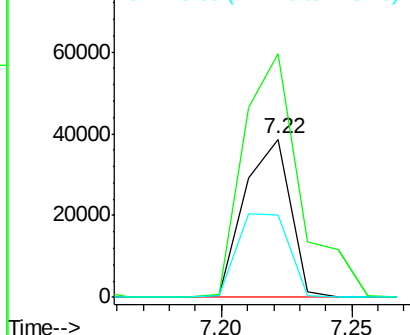
152 100

150 153.9 123.8 185.8

115 51.8 49.4 74.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.10 ng m

RT: 2.12 min Scan# 82

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

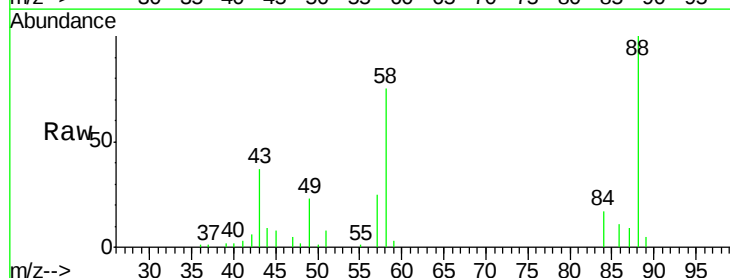
Tgt Ion: 88 Resp: 42411

Ion Ratio Lower Upper

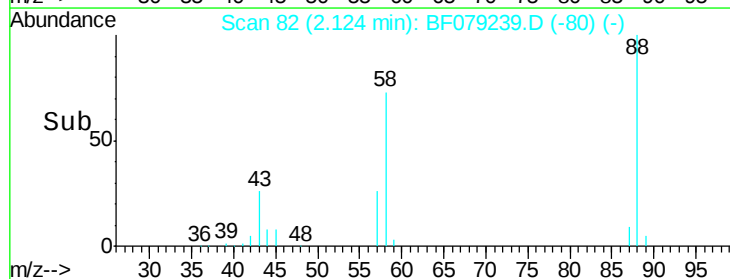
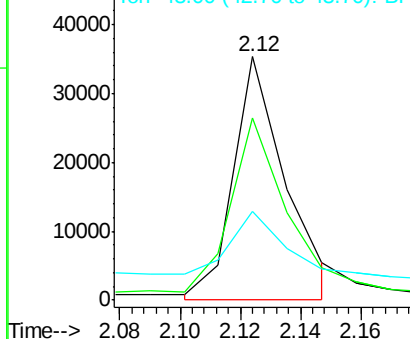
88 100

58 0.0 63.5 95.3#

43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

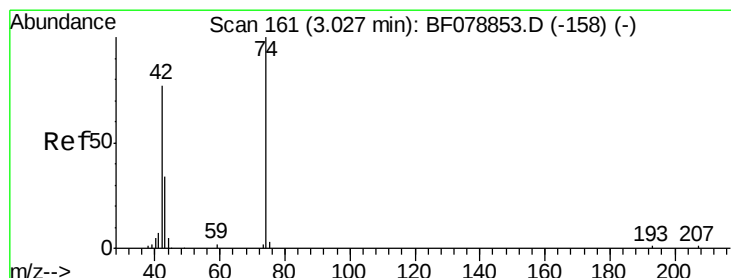
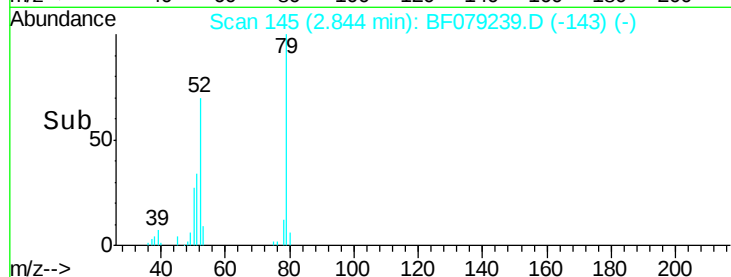
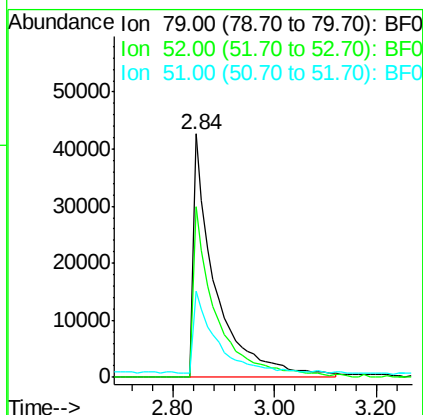
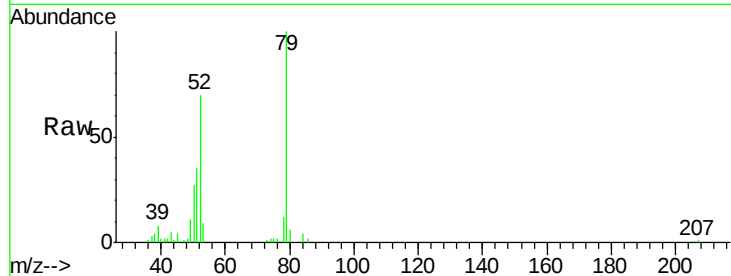




#3
 Pvridine
 Concen: 36.46 ng m
 RT: 2.84 min Scan# 145
 Delta R.T. 0.00 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

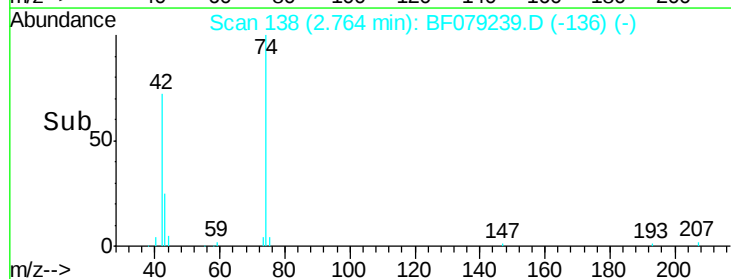
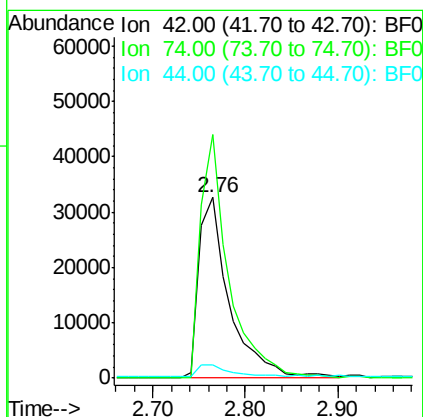
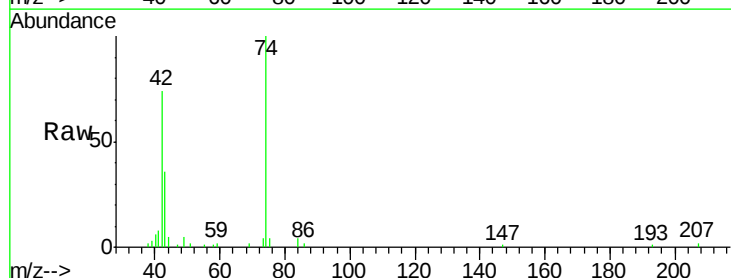
Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMSD

Tot Ion: 79 Resp: 128950
 Ion Ratio Lower Upper
 79 100
 52 70.2 57.6 86.4
 51 35.3 28.7 43.1



#4
 n-Nitrosodimethylamine
 Concen: 49.20 ng m
 RT: 2.76 min Scan# 138
 Delta R.T. 0.00 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Tgt Ion: 42 Resp: 74552
 Ion Ratio Lower Upper
 42 100
 74 135.0 104.4 156.6
 44 7.3 6.2 9.2





#5

2-Fluorophenol

Concen: 152.48 ng/mL

RT: 5.51 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

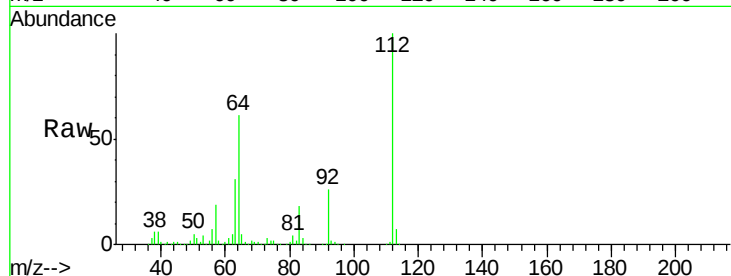
Tot Ion: 112 Resp: 423771

Ion Ratio Lower Upper

112 100

64 60.5 44.2 66.2

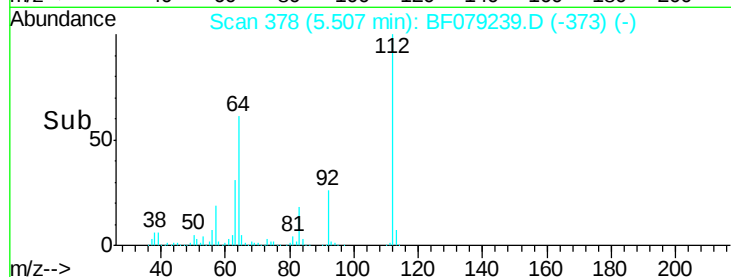
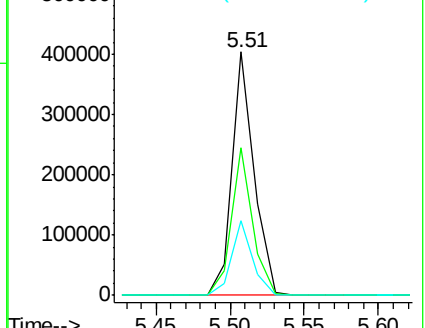
63 30.7 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.53 ng

RT: 6.81 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

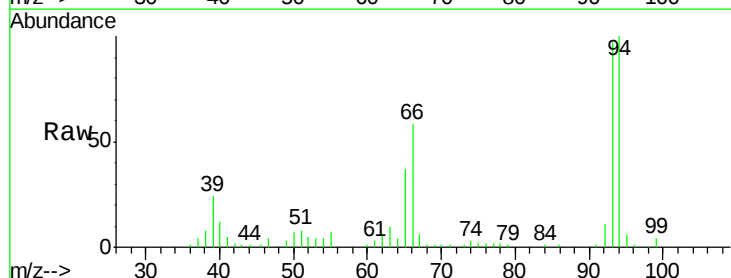
Tgt Ion: 93 Resp: 106466

Ion Ratio Lower Upper

93 100

66 60.4 30.7 46.1#

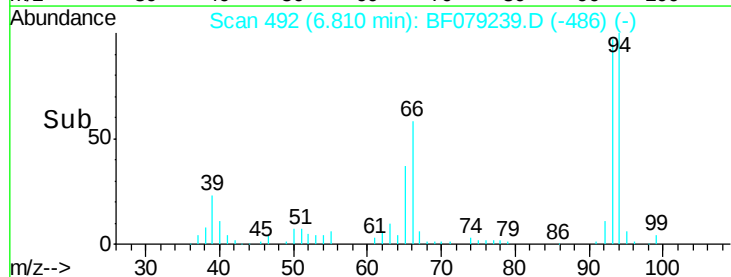
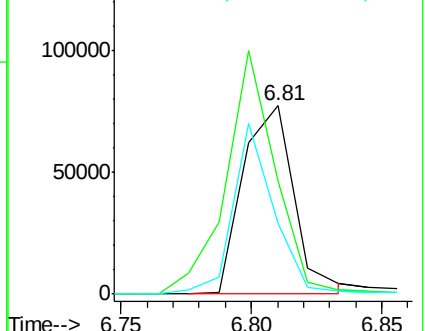
65 37.7 15.8 23.8#



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: 163.37 ng

RT: 6.79 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

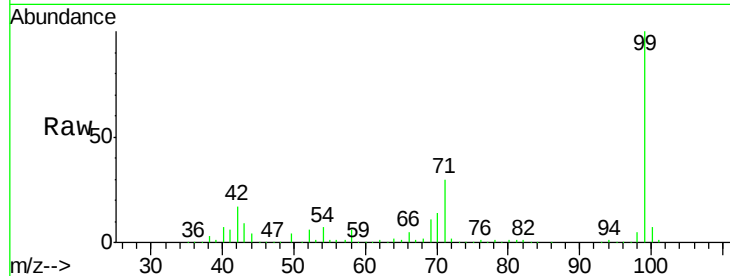
Tot Ion: 99 Resp: 600150

Ion Ratio Lower Upper

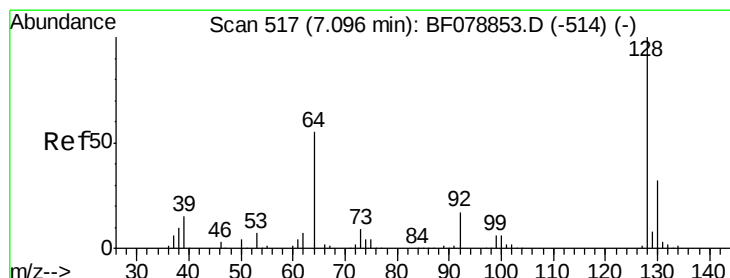
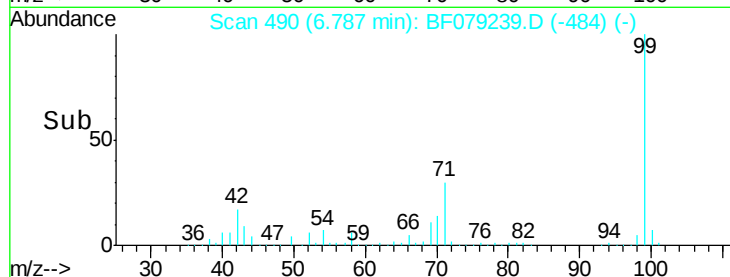
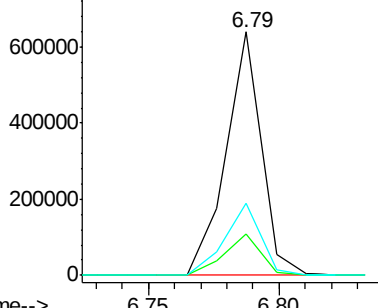
99 100

42 16.8 17.1 25.7#

71 29.5 26.3 39.5



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: 49.98 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

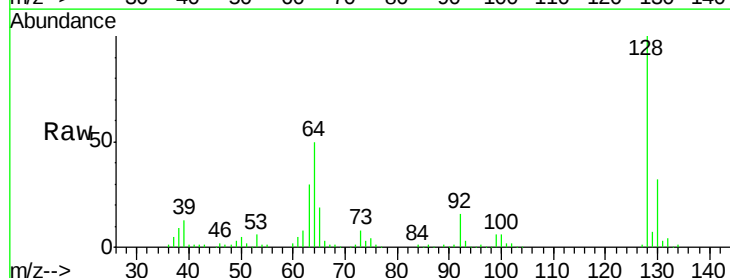
Tgt Ion: 128 Resp: 157560

Ion Ratio Lower Upper

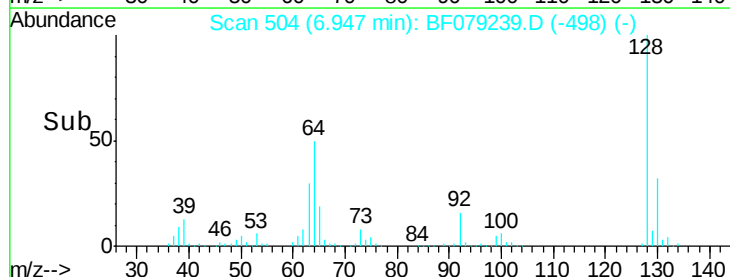
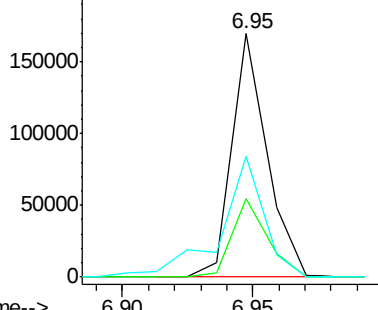
128 100

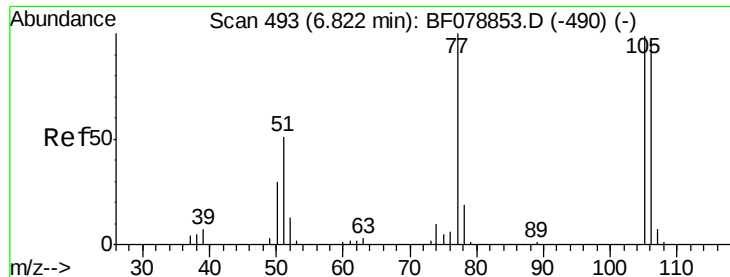
130 32.4 12.4 52.4

64 49.8 37.8 77.8



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: 20.55 ng

RT: 6.66 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

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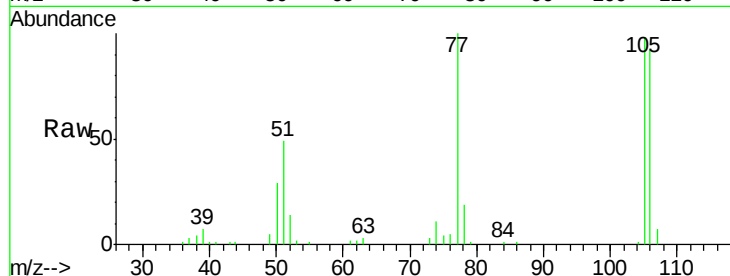
Tot Ion: 77 Resp: 50849

Ion Ratio Lower Upper

77 100

105 98.1 78.9 118.9

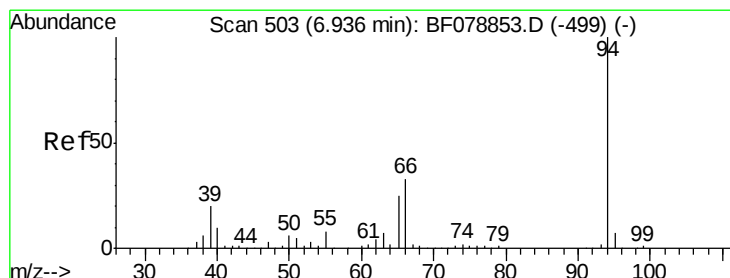
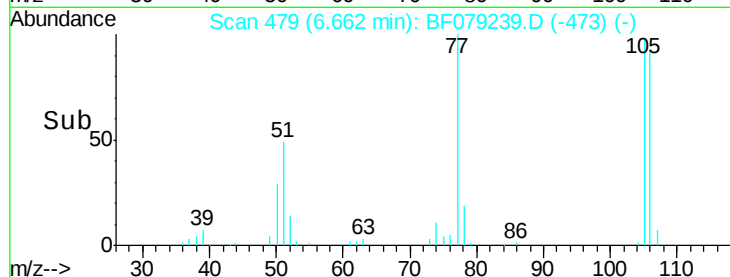
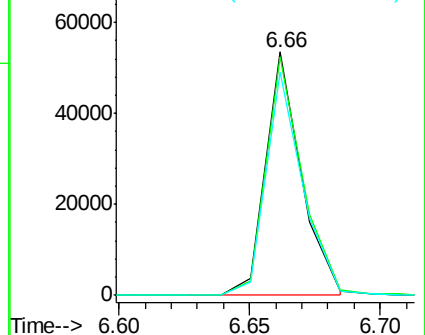
106 91.7 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.84 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

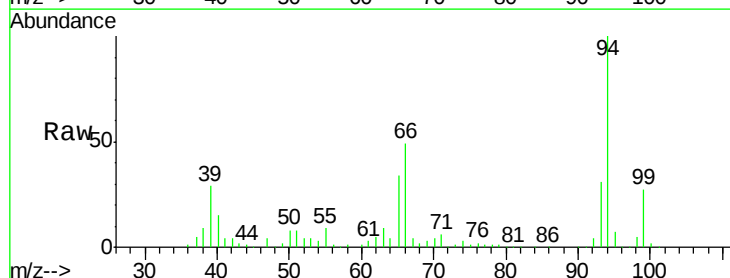
Tgt Ion: 94 Resp: 199625

Ion Ratio Lower Upper

94 100

65 34.4 5.1 45.1

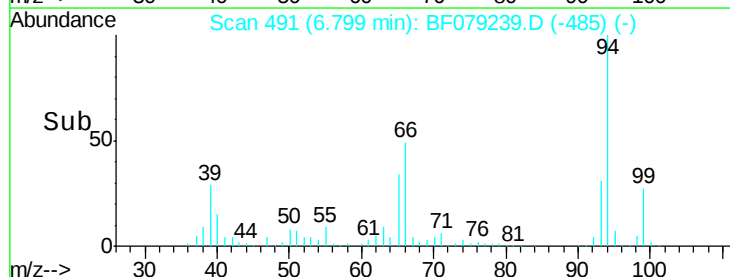
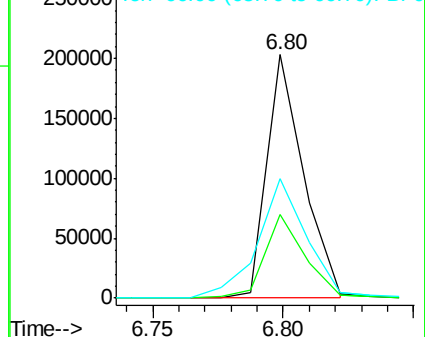
66 49.1 13.1 53.1

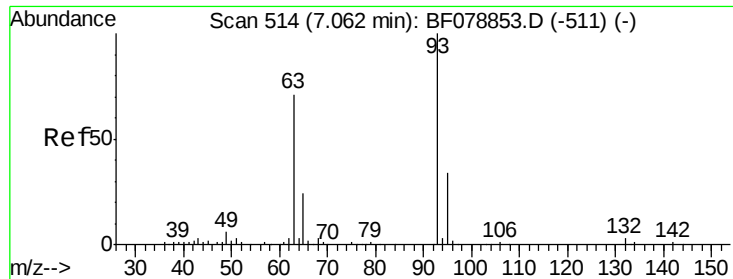


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 47.13 ng

RT: 6.91 min Scan# 501

Delta R.T. 0.00 min

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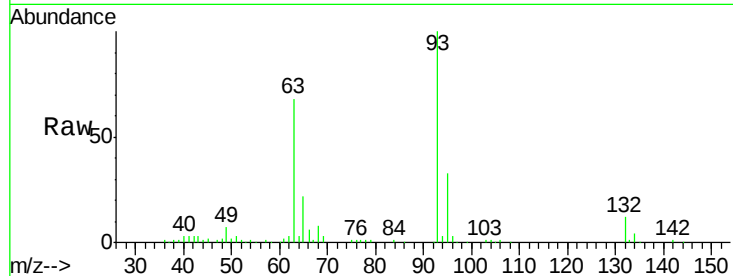
Tot Ion: 93 Resp: 147230

Ion Ratio Lower Upper

93 100

63 67.8 50.8 90.8

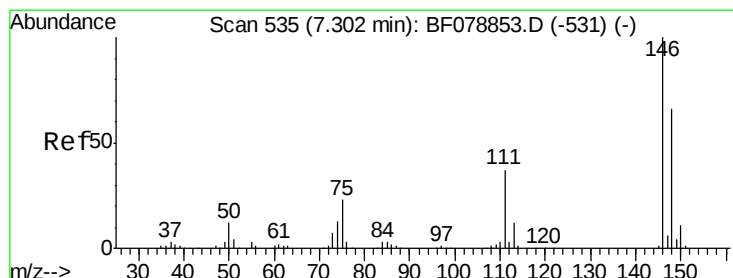
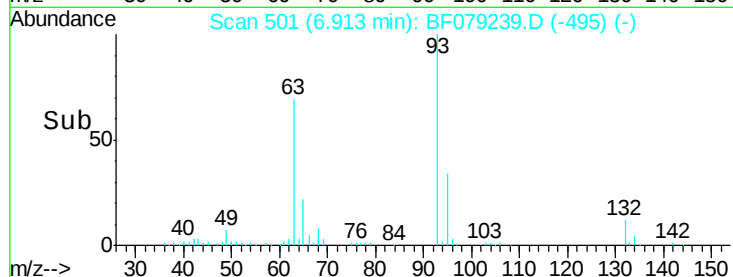
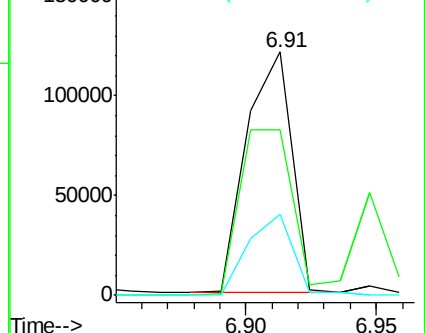
95 33.3 13.9 53.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 46.84 ng

RT: 7.14 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

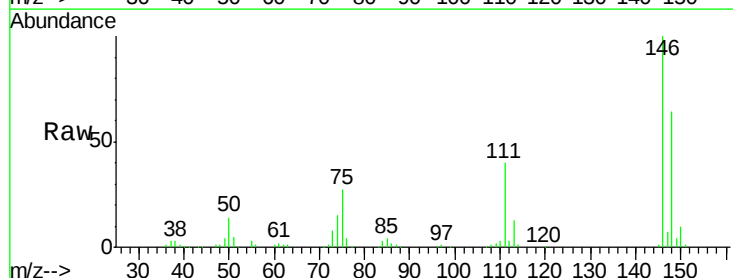
Tgt Ion: 146 Resp: 165956

Ion Ratio Lower Upper

146 100

148 63.8 52.4 78.6

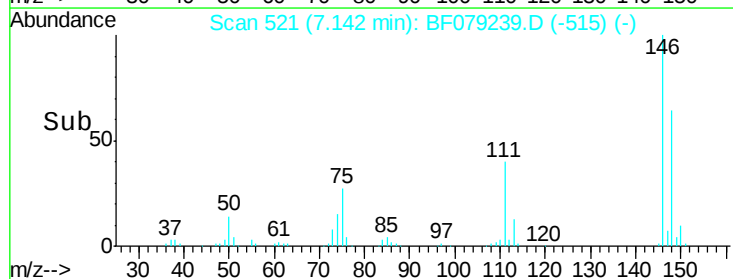
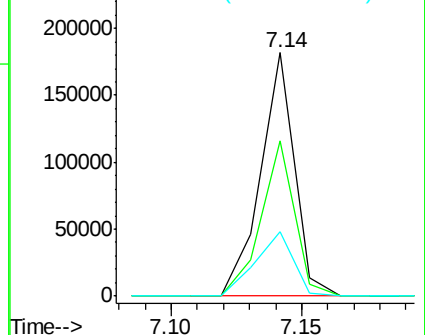
75 26.6 18.6 27.8

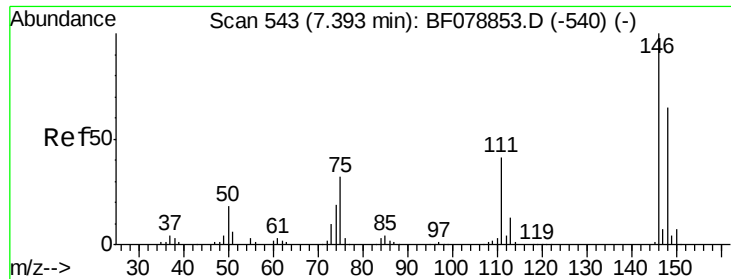


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

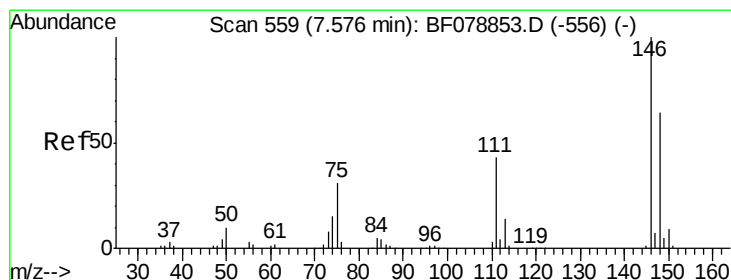
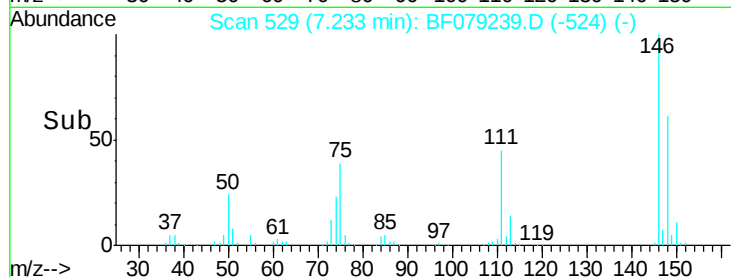
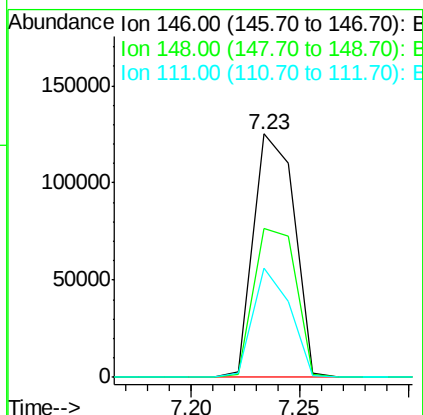
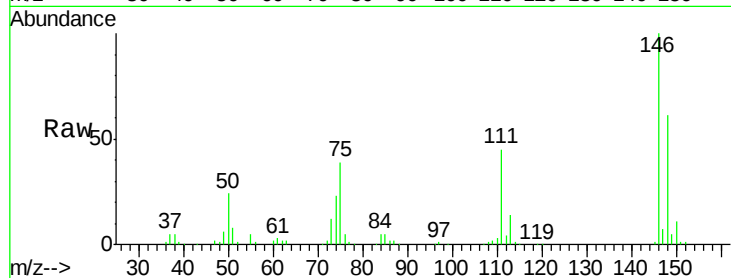




#13
 1,4-Dichlorobenzene
 Concen: 45.33 ng
 RT: 7.23 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

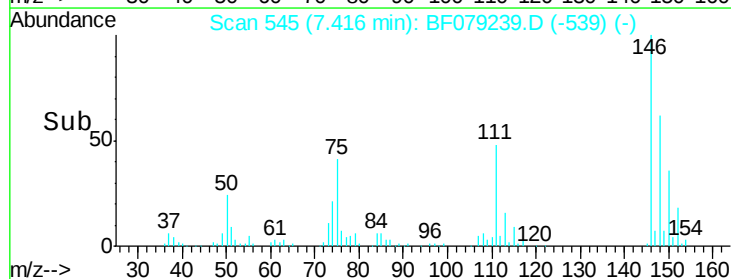
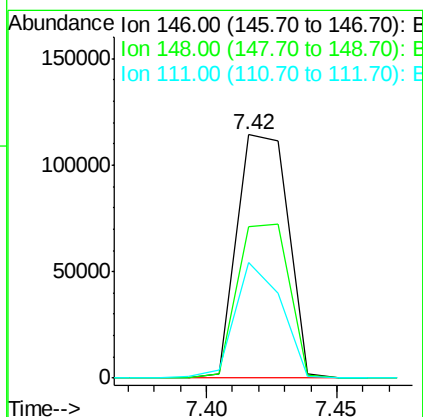
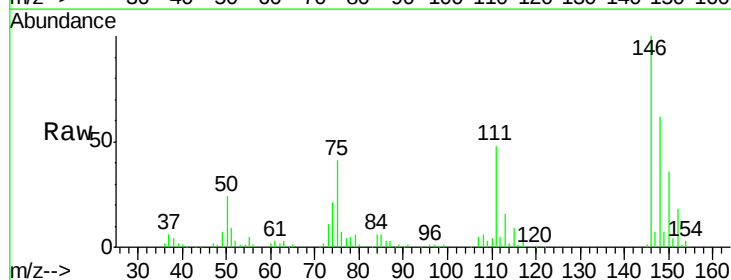
Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMSD

Tot Ion:146 Resp: 165285
 Ion Ratio Lower Upper
 146 100
 148 61.3 51.7 77.5
 111 44.7 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 46.36 ng
 RT: 7.42 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Tgt Ion:146 Resp: 157382
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.1 76.7
 111 47.7 34.6 52.0





#15

Benzyl Alcohol

Concen: 48.71 ng

RT: 7.40 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

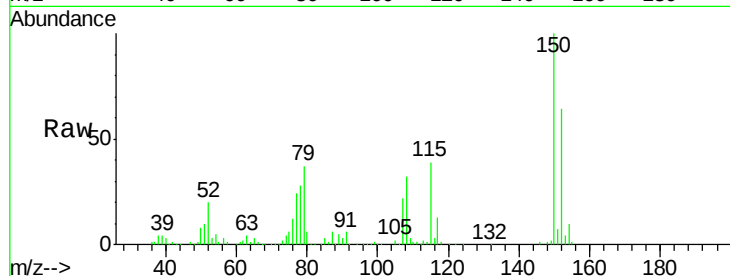
Tot Ion: 79 Resp: 132839

Ion Ratio Lower Upper

79 100

108 85.8 57.4 86.2

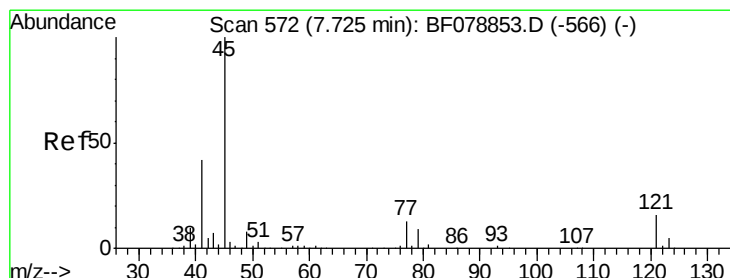
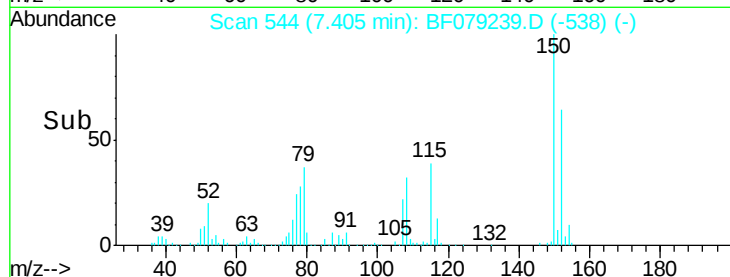
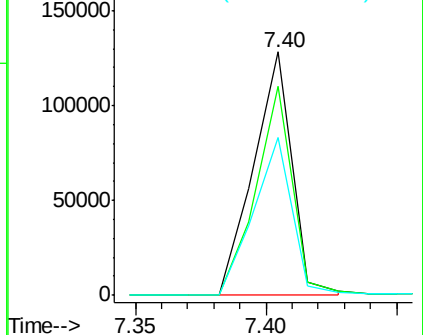
77 64.8 50.2 75.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.06 ng

RT: 7.58 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

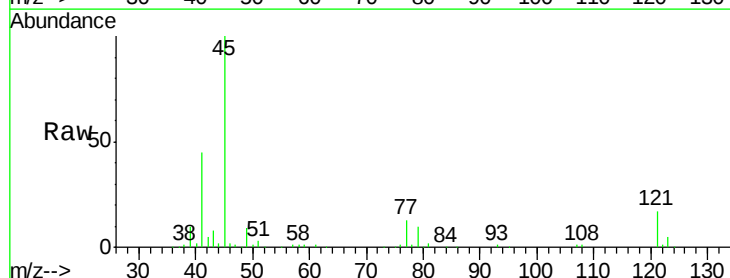
Tgt Ion: 45 Resp: 220170

Ion Ratio Lower Upper

45 100

77 12.8 0.0 32.6

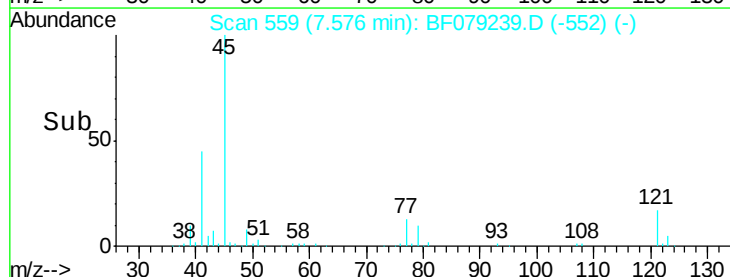
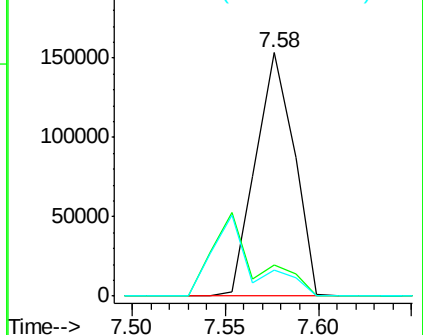
79 10.5 0.0 29.3

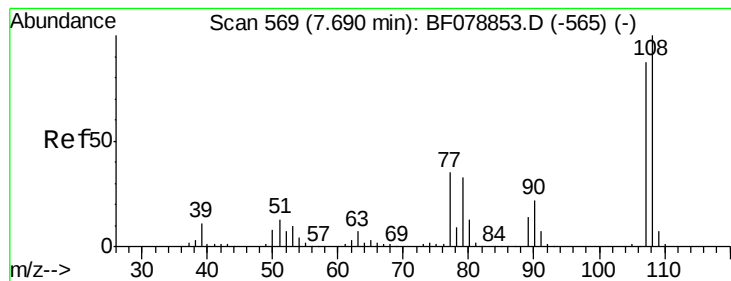


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

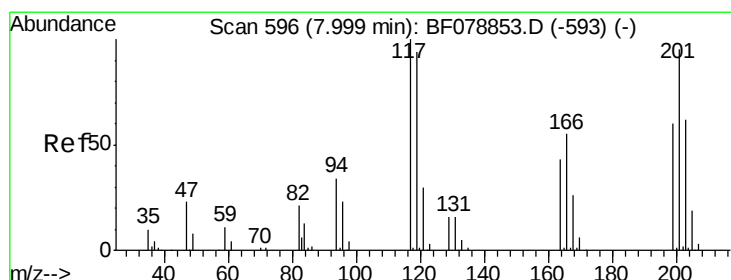
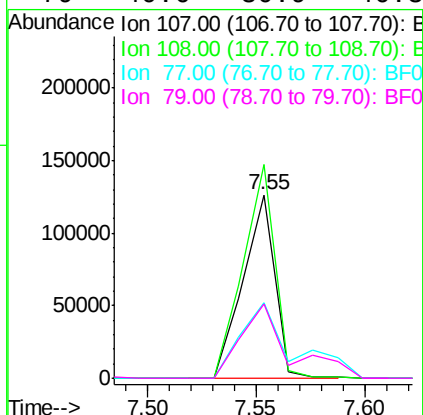
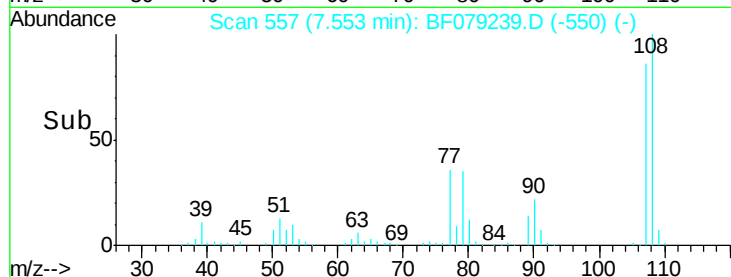
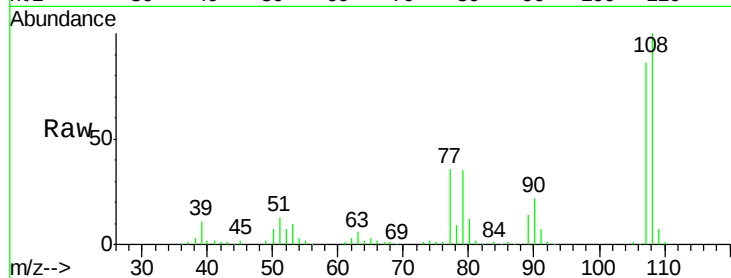




#17
2-Methylphenol
Concen: 50.85 ng
RT: 7.55 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

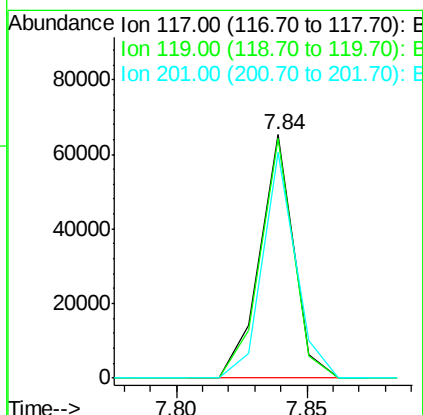
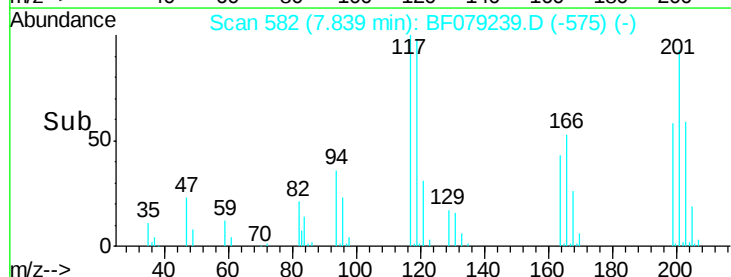
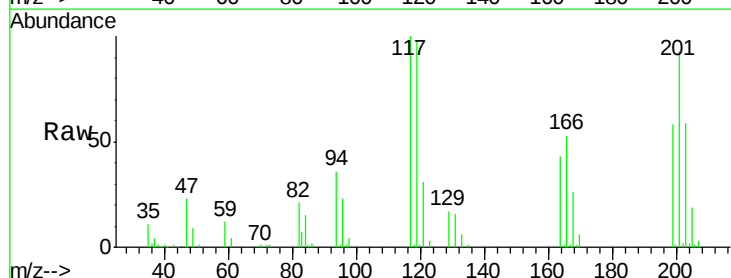
Instrument :
BNA_F
ClientSampleId :
SB-39SMSD

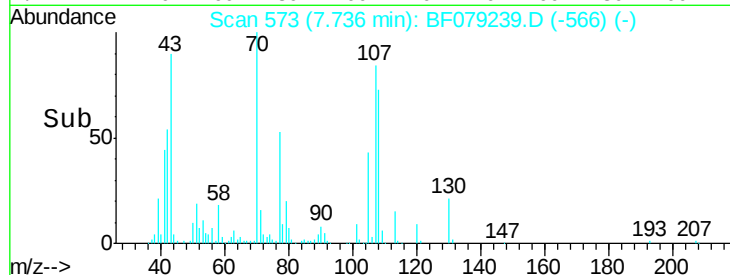
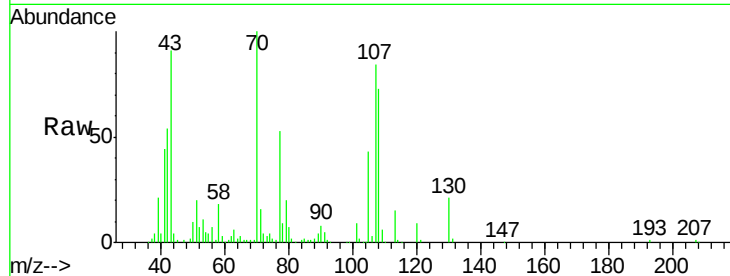
Tot Ion:	107	Resp:	128983
Ion	Ratio	Lower	Upper
107	100		
108	116.6	92.4	138.6
77	41.6	32.6	49.0
79	40.6	30.9	46.3



#18
Hexachloroethane
Concen: 46.73 ng
RT: 7.84 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Tgt Ion:	117	Resp:	58694
Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.2	112.8
201	93.0	75.8	113.8

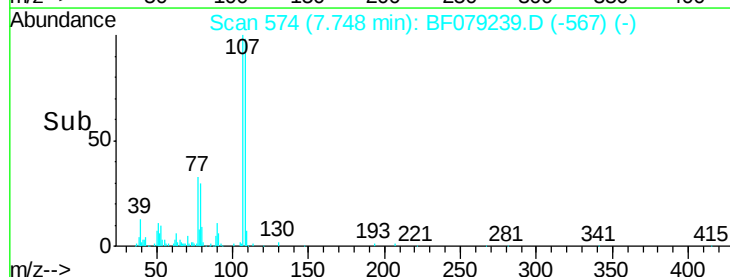
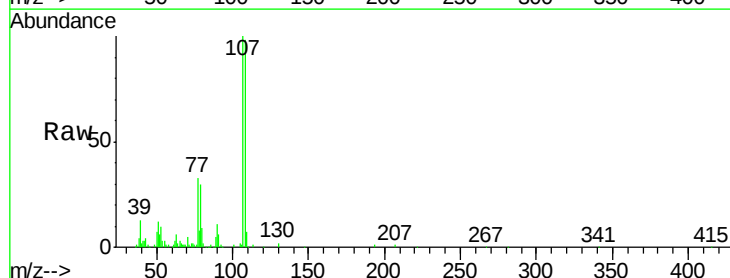
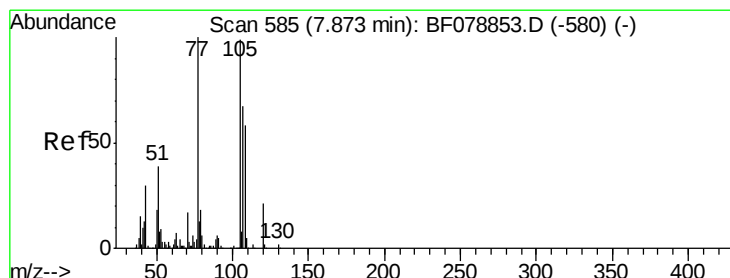
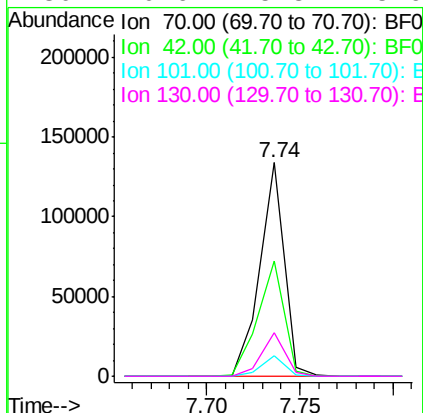




#19
n-Nitroso-di-n-propylamine
Concen: 48.80 ng
RT: 7.74 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

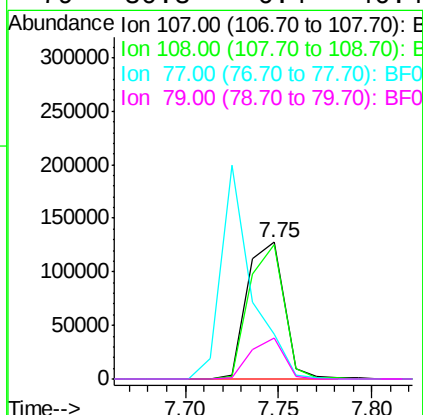
Instrument :
BNA_F
ClientSampleId :
SB-39SMSD

Tot Ion:	70	Resp:	121099
Ion	Ratio	Lower	Upper
70	100		
42	54.0	47.3	70.9
101	9.5	7.5	11.3
130	20.6	15.8	23.6



#20
3+4-Methylphenols
Concen: 51.73 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Tgt Ion:	107	Resp:	174858
Ion	Ratio	Lower	Upper
107	100		
108	98.3	66.5	106.5
77	32.6	130.6	170.6#
79	30.3	6.4	46.4

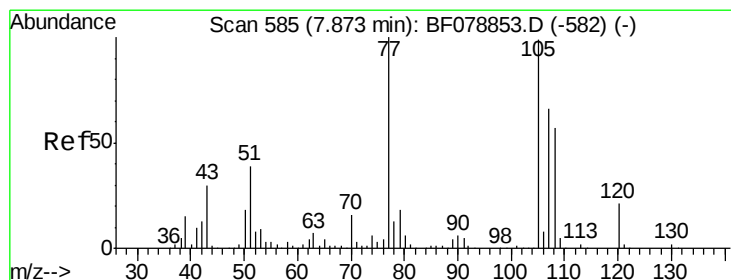
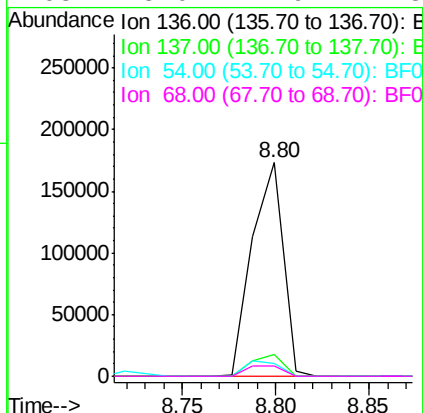
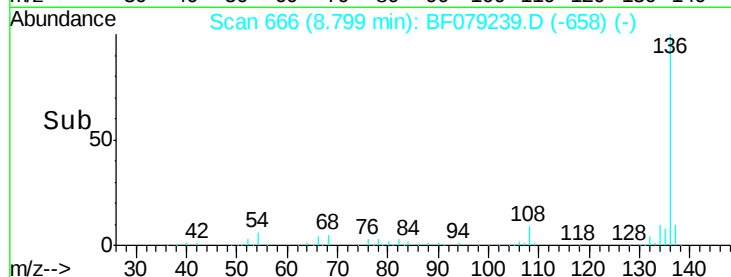
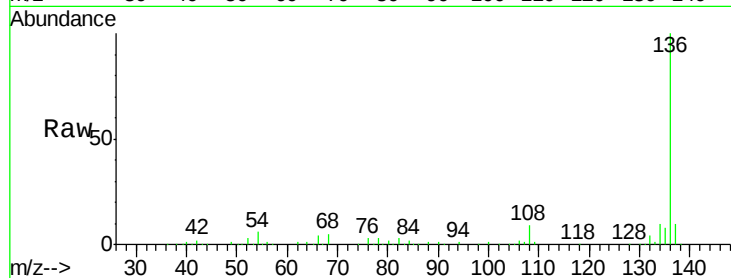




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

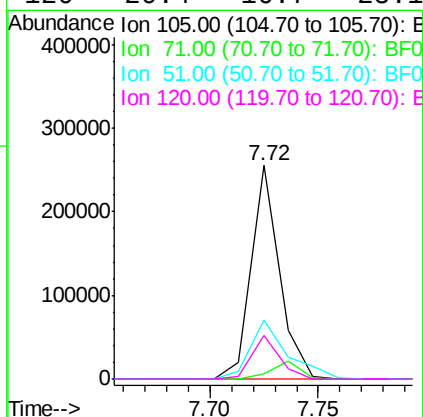
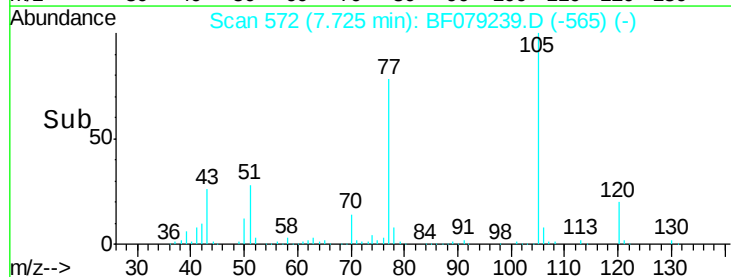
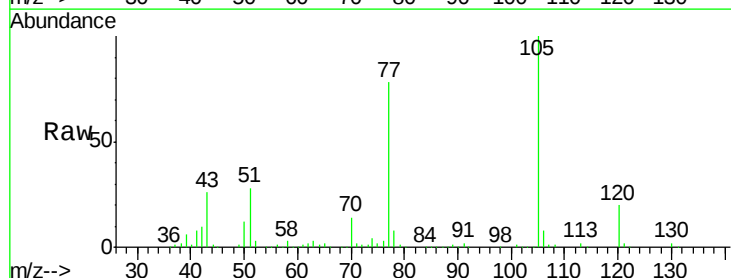
Instrument :
BNA_F
ClientSampleId :
SB-39SMSD

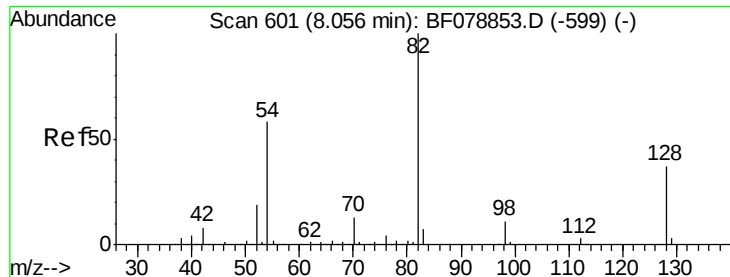
Tot Ion:136	Resp:	200248
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.8 13.2
54	5.9	6.9 10.3#
68	5.0	4.9 7.3



#22
Acetophenone
Concen: 50.88 ng
RT: 7.72 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Tgt Ion:105	Resp:	230169
Ion Ratio	Lower	Upper
105	100	
71	2.5	2.2 3.4
51	27.7	31.1 46.7#
120	20.4	16.7 25.1

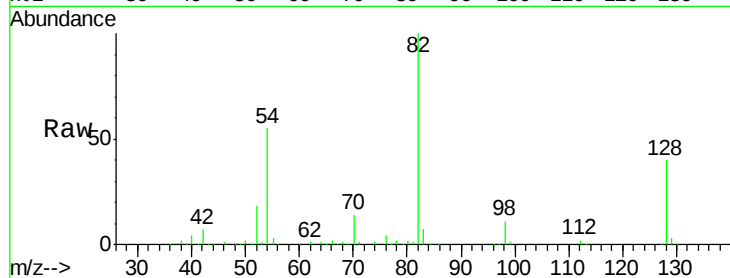




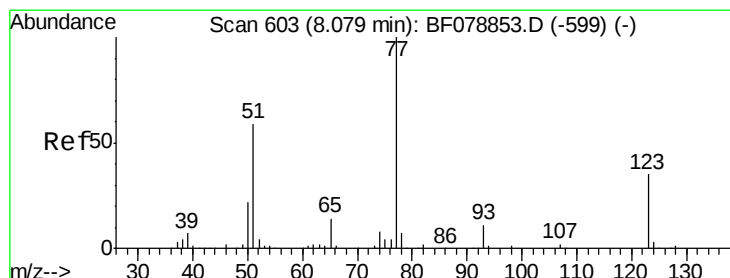
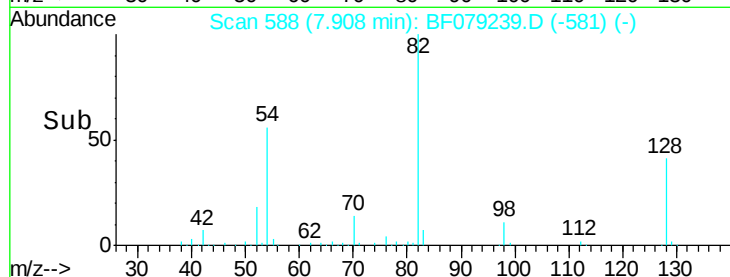
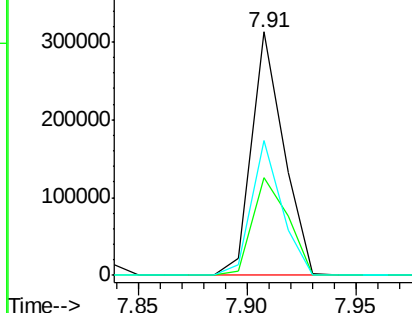
#23
Nitrobenzene-d5
Concen: 92.30 ng
RT: 7.91 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Instrument :
BNA_F
ClientSampleId :
SB-39SMSD

Tot Ion: 82 Resp: 321611
Ion Ratio Lower Upper
82 100
128 40.3 29.7 44.5
54 55.3 46.2 69.4

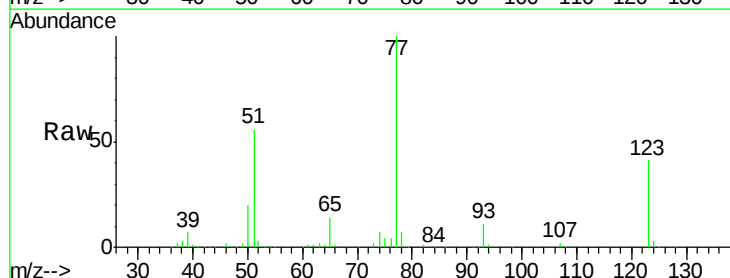


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

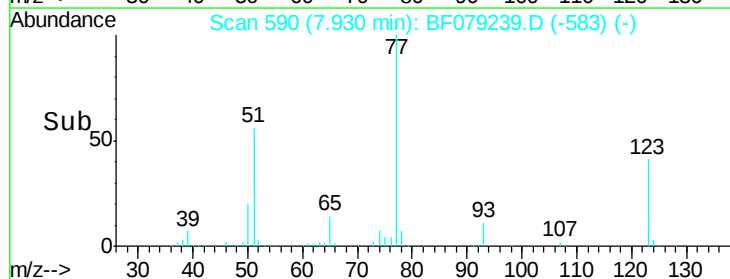
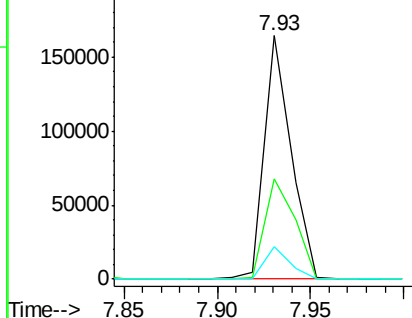


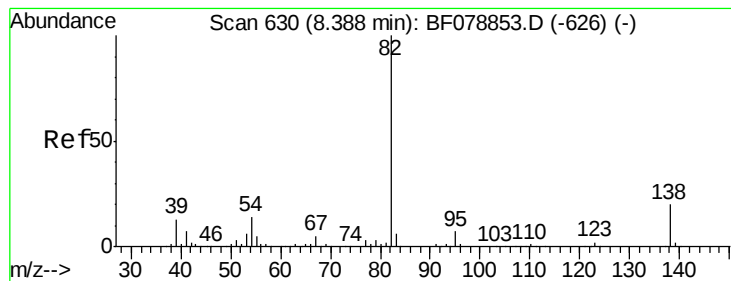
#24
Nitrobenzene
Concen: 46.92 ng
RT: 7.93 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Tgt Ion: 77 Resp: 162048
Ion Ratio Lower Upper
77 100
123 41.2 28.3 42.5
65 13.5 11.0 16.4



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





#25

Isophorone

Concen: 46.96 ng

RT: 8.23 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

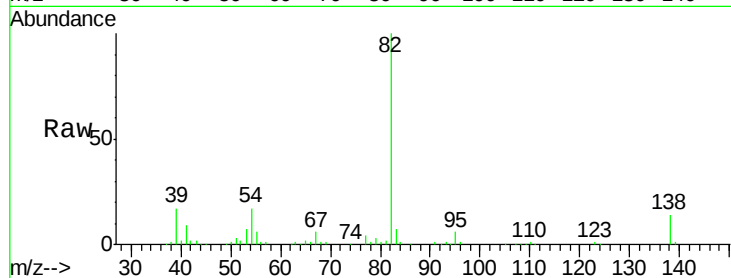
Tot Ion: 82 Resp: 303321

Ion Ratio Lower Upper

82 100

95 6.1 5.4 8.2

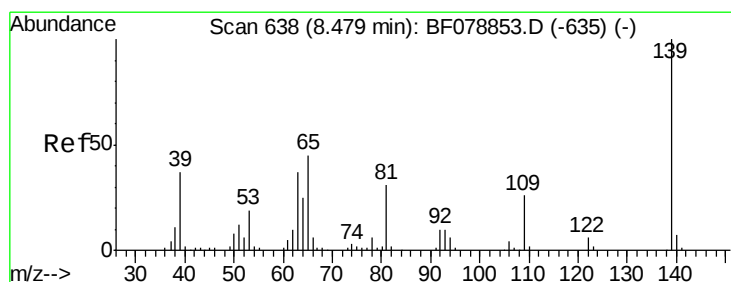
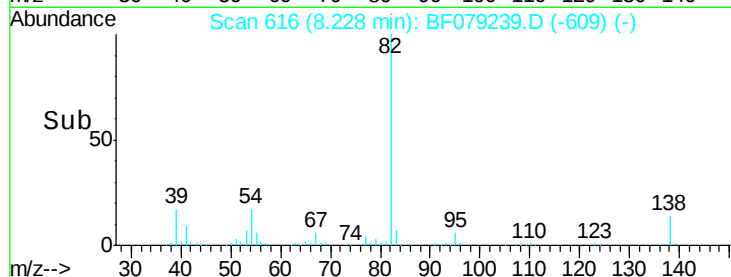
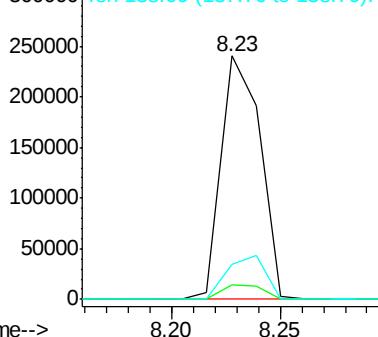
138 14.3 16.1 24.1#



Abundance Ion 82.00 (81.70 to 82.70): BF079239.D (-616) (-)

Ion 95.00 (94.70 to 95.70): BF079239.D (-616) (-)

Ion 138.00 (137.70 to 138.70): BF079239.D (-616) (-)



#26

2-Nitrophenol

Concen: 56.20 ng

RT: 8.33 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

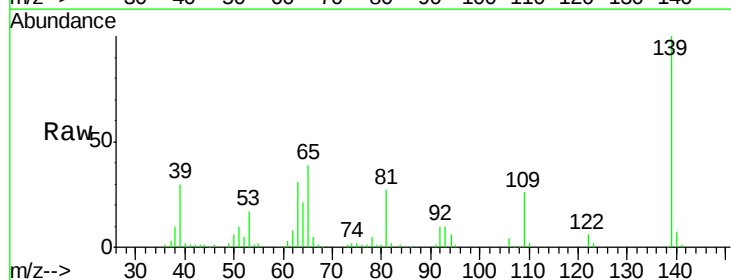
Tgt Ion: 139 Resp: 80330

Ion Ratio Lower Upper

139 100

109 25.5 20.9 31.3

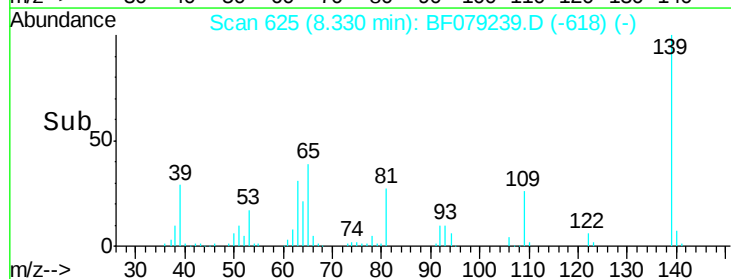
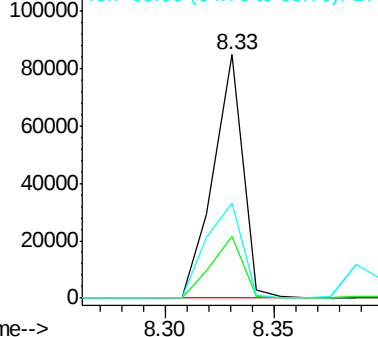
65 39.0 35.8 53.8



Abundance Ion 139.00 (138.70 to 139.70): BF079239.D (-618) (-)

Ion 109.00 (108.70 to 109.70): BF079239.D (-618) (-)

Ion 65.00 (64.70 to 65.70): BF079239.D (-618) (-)





#27

2,4-Dimethylphenol

Concen: 49.84 ng

RT: 8.39 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

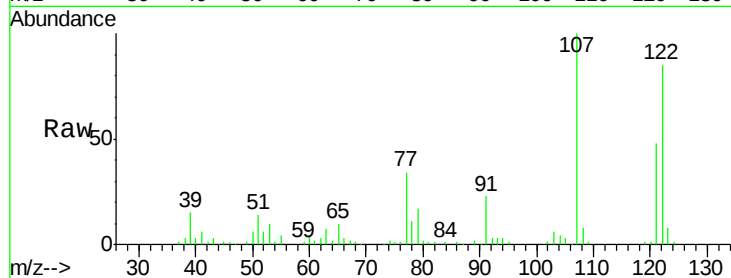
Tot Ion:122 Resp: 142578

Ion Ratio Lower Upper

122 100

107 117.4 83.6 125.4

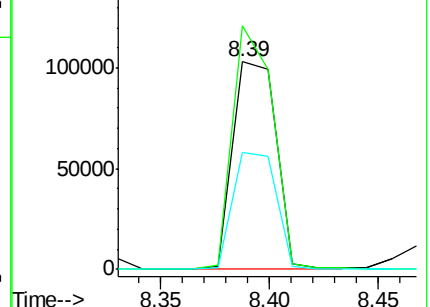
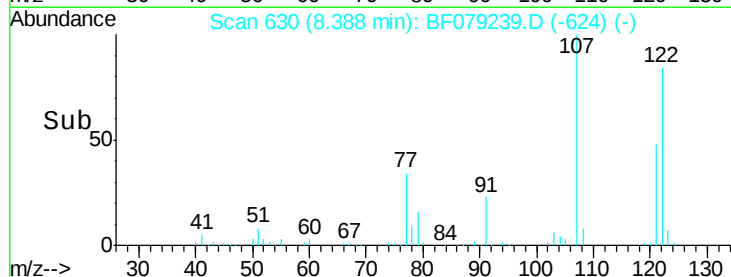
121 56.6 44.9 67.3



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: 50.24 ng

RT: 8.51 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

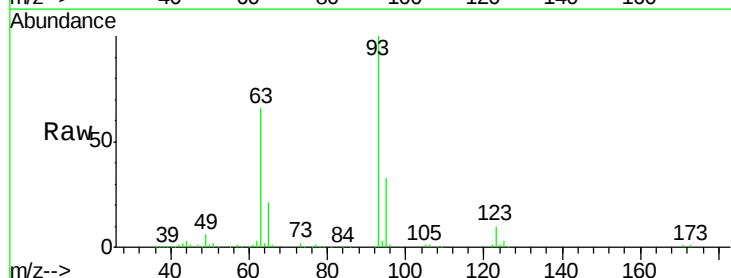
Tgt Ion: 93 Resp: 200077

Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.2

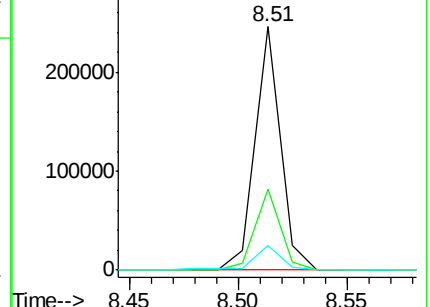
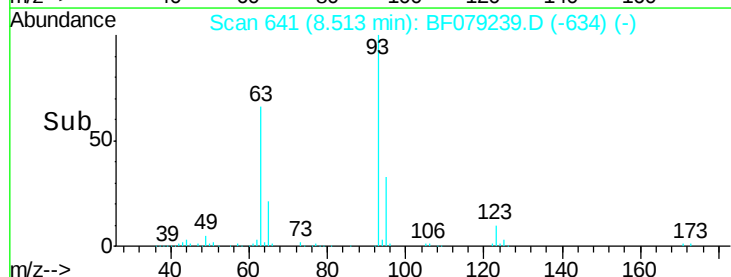
123 10.1 8.6 12.8



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

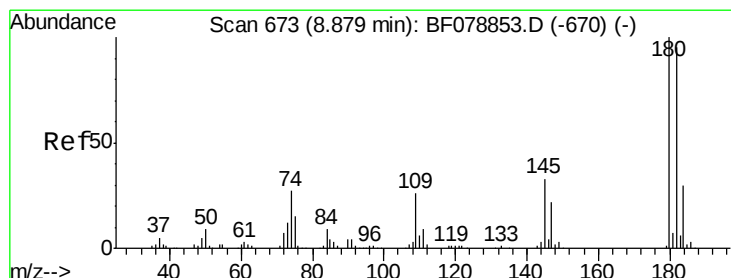
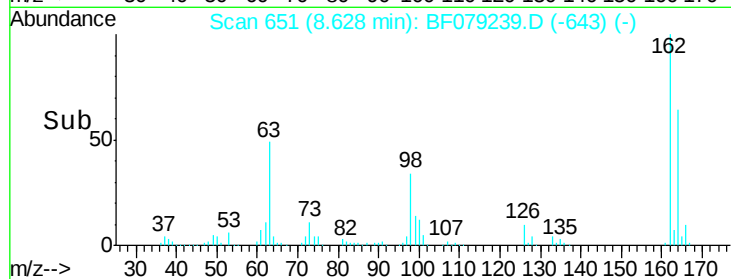
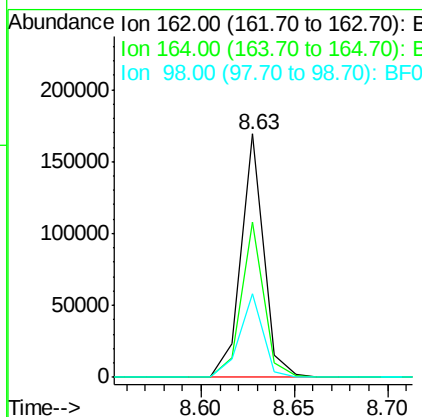
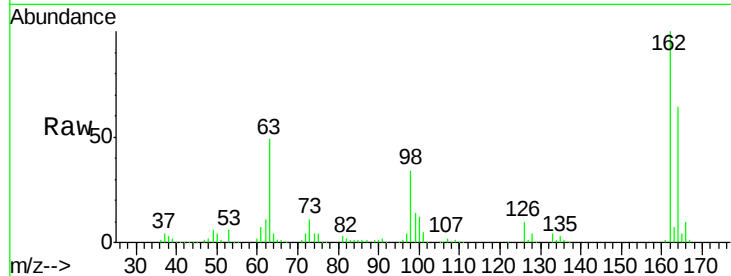




#29
 2,4-Dichlorophenol
 Concen: 56.91 ng
 RT: 8.63 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

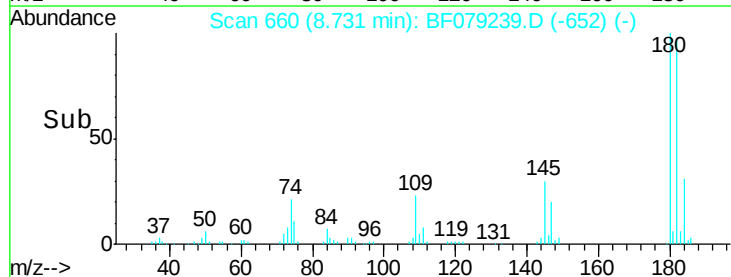
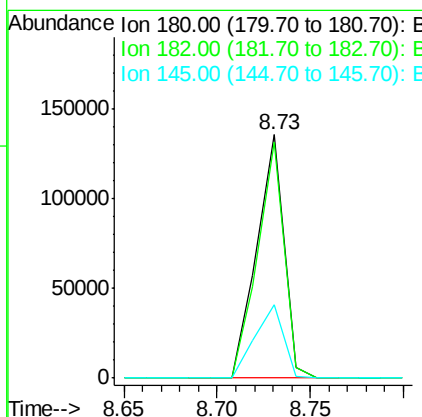
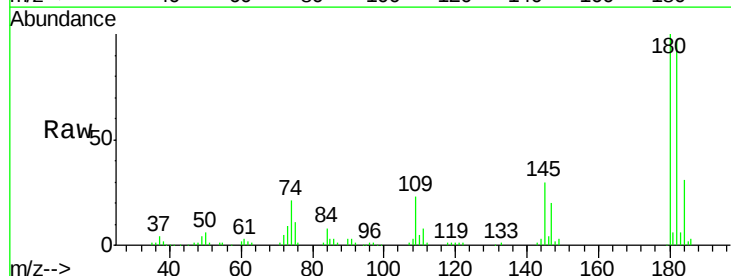
Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMSD

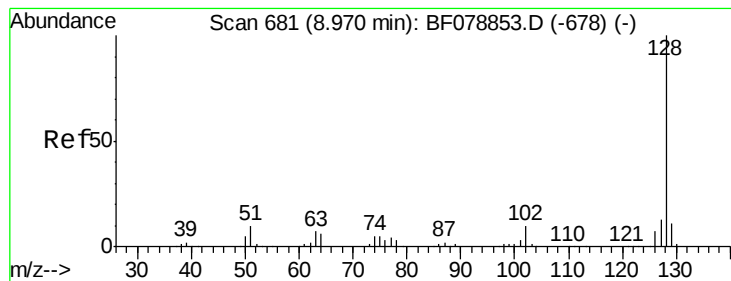
Tot Ion:162 Resp: 144749
 Ion Ratio Lower Upper
 162 100
 164 63.8 42.7 82.7
 98 34.4 26.3 66.3



#30
 1,2,4-Trichlorobenzene
 Concen: 48.75 ng
 RT: 8.73 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Tgt Ion:180 Resp: 136202
 Ion Ratio Lower Upper
 180 100
 182 96.8 75.7 113.5
 145 30.2 26.2 39.4





#31

Naphthalene

Concen: 50.71 ng

RT: 8.82 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

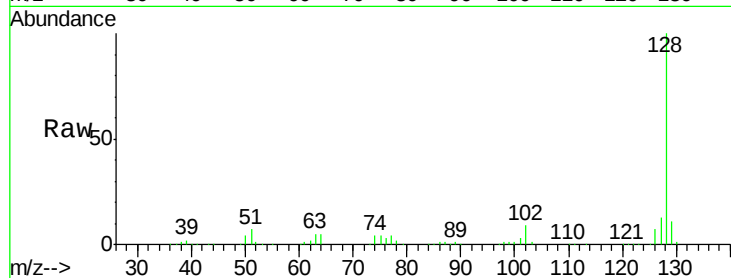
Tot Ion:128 Resp: 483866

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

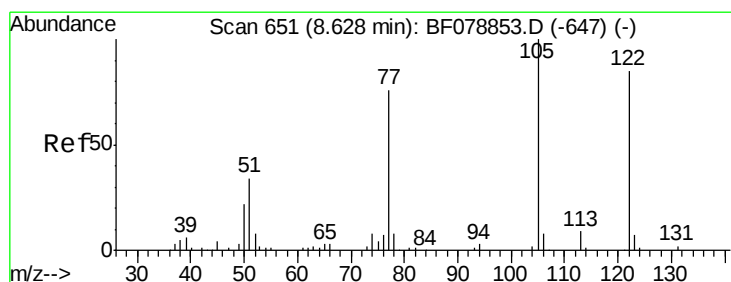
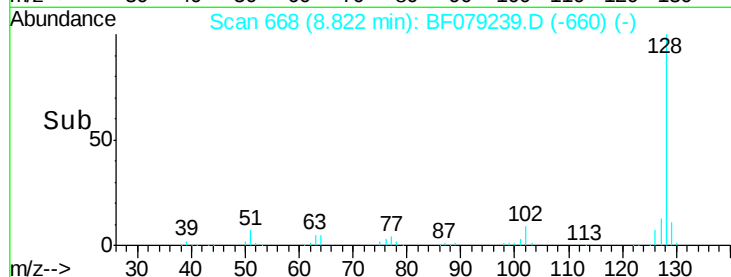
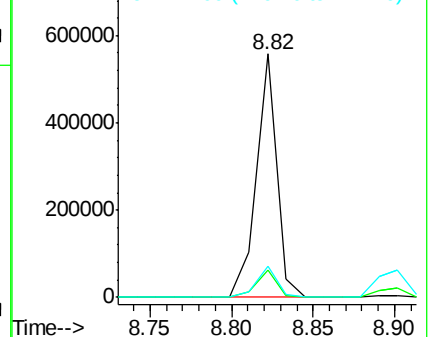
127 13.0 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.84 ng

RT: 8.49 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

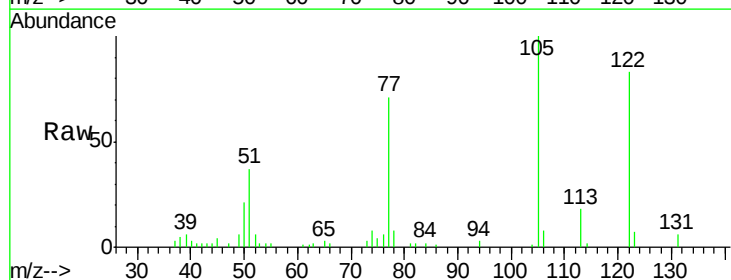
Tgt Ion:122 Resp: 44412

Ion Ratio Lower Upper

122 100

105 120.6 100.7 140.7

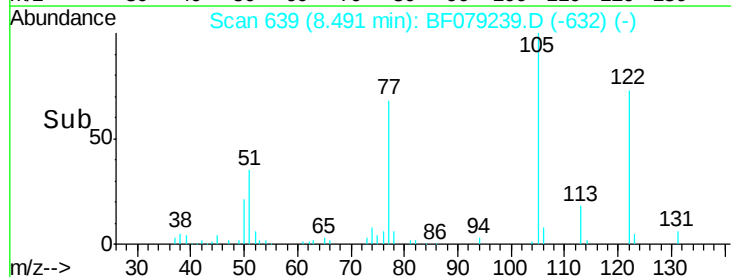
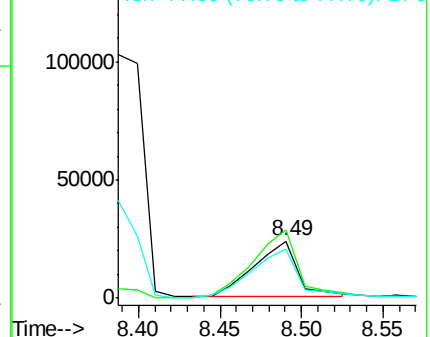
77 86.2 72.0 112.0

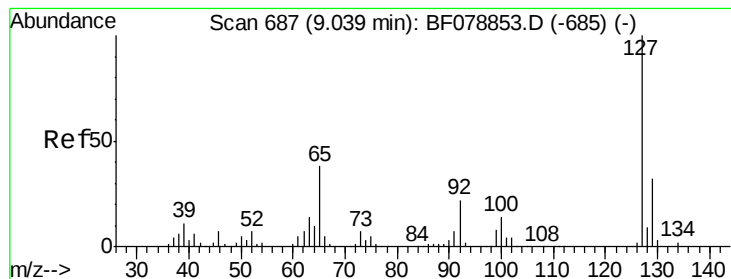


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 20.53 ng

RT: 8.90 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

Tot Ion:127 Resp: 82878

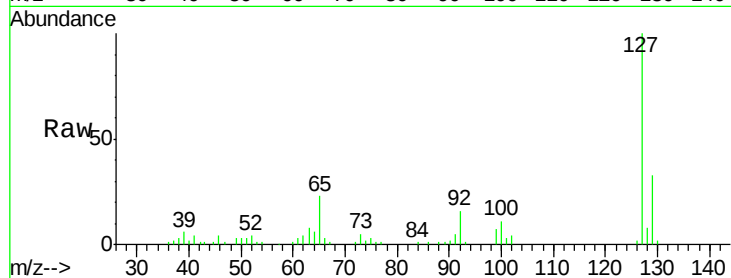
Ion Ratio Lower Upper

127 100

129 32.7 25.6 38.4

65 22.8 30.2 45.4#

92 16.2 17.5 26.3#

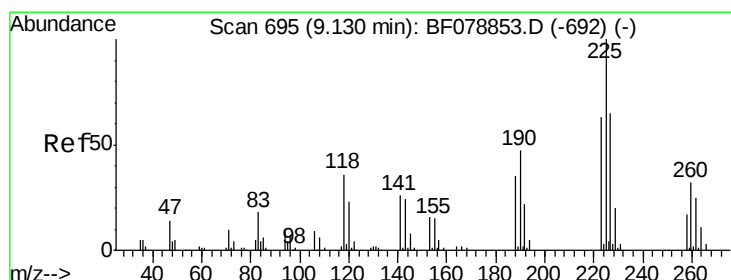
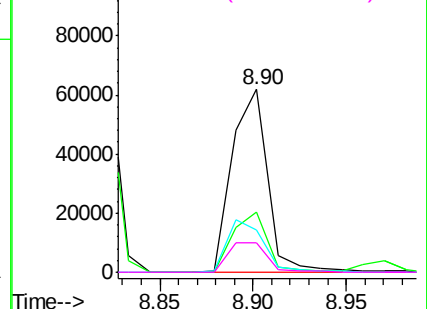
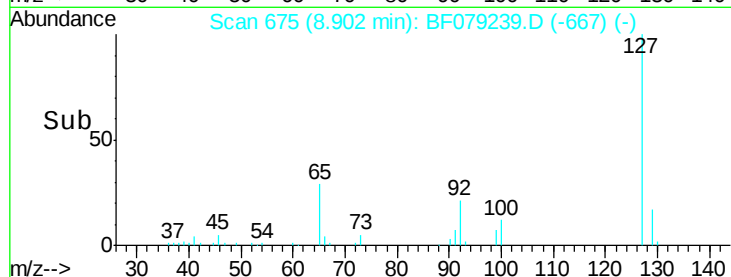


Abundance Ion 127.00 (126.70 to 127.70): E

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: 45.03 ng

RT: 8.97 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

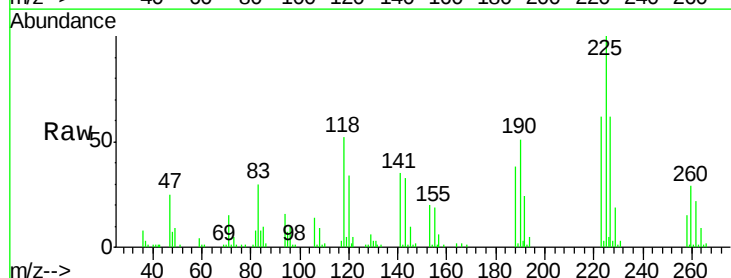
Tgt Ion:225 Resp: 72457

Ion Ratio Lower Upper

225 100

223 61.7 50.6 75.8

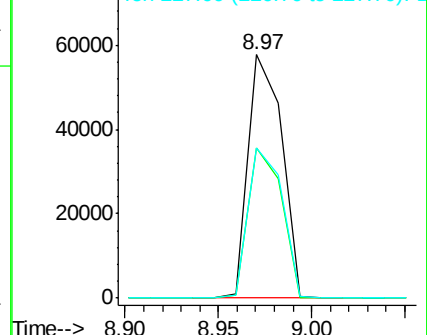
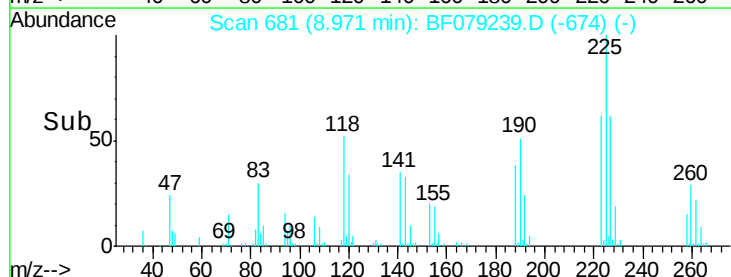
227 61.8 52.1 78.1

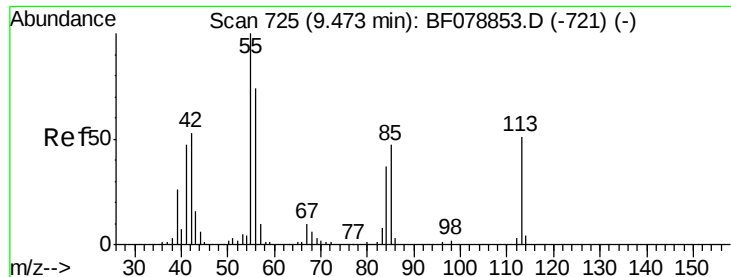


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 51.81 ng/ml

RT: 9.31 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

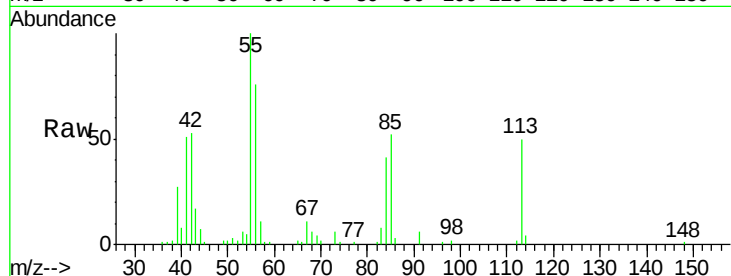
Tot Ion:113 Resp: 42618

Ion Ratio Lower Upper

113 100

55 201.4 176.0 216.0

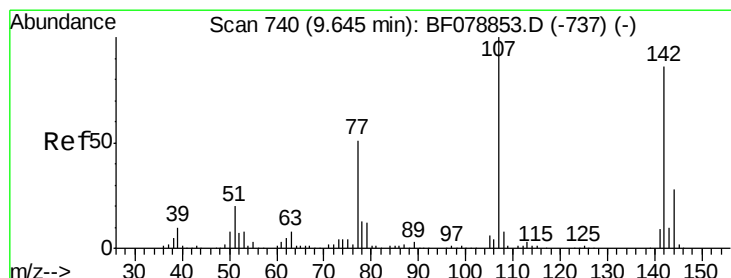
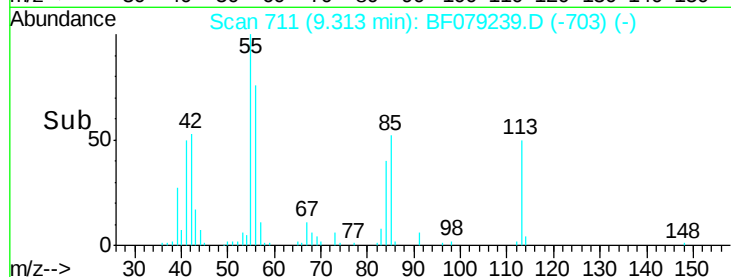
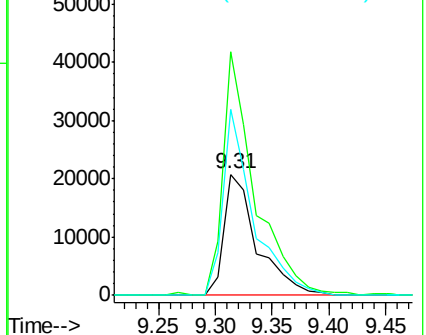
56 153.4 123.8 163.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 57.28 ng/ml

RT: 9.51 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

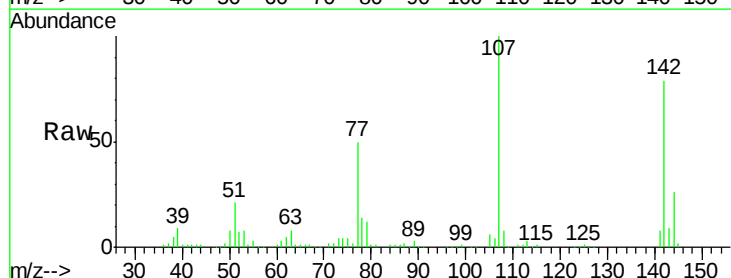
Tgt Ion:107 Resp: 153023

Ion Ratio Lower Upper

107 100

144 25.6 22.5 33.7

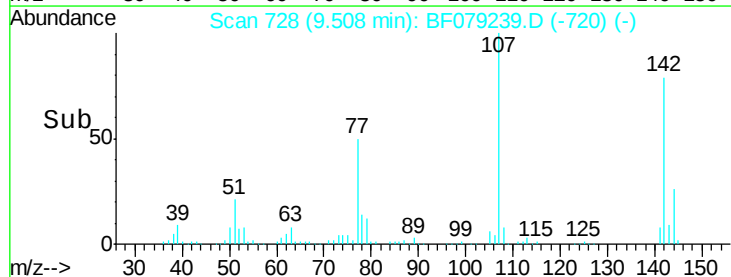
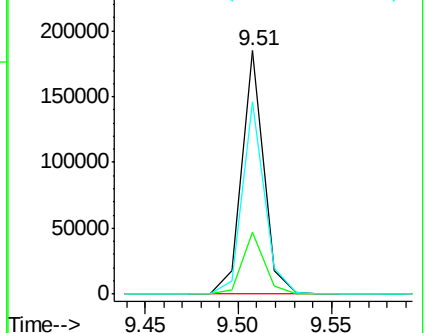
142 79.2 68.6 103.0

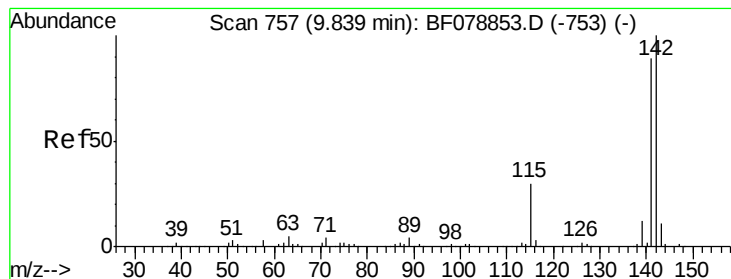


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.62 ng

RT: 9.68 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

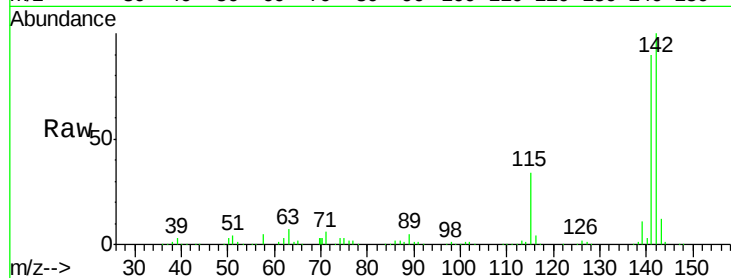
Tot Ion:142 Resp: 328113

Ion Ratio Lower Upper

142 100

141 89.9 71.6 107.4

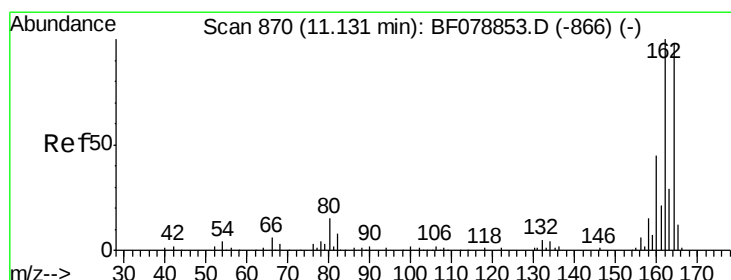
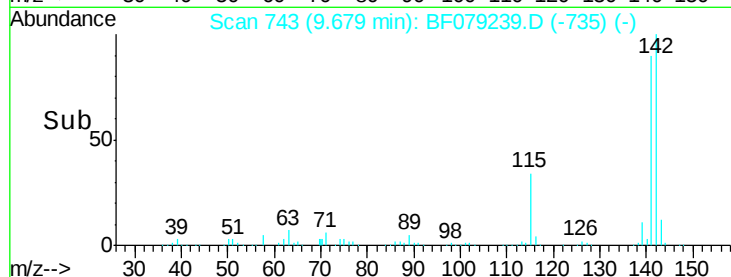
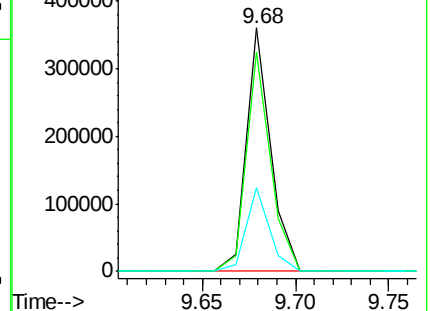
115 34.1 24.2 36.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.97 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

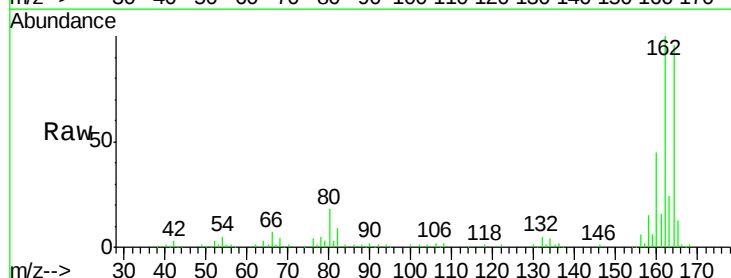
Tgt Ion:164 Resp: 99243

Ion Ratio Lower Upper

164 100

162 103.9 81.4 122.0

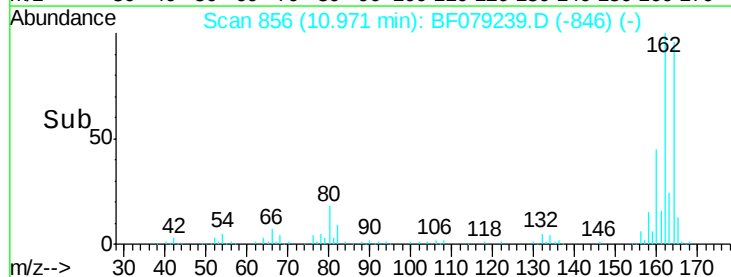
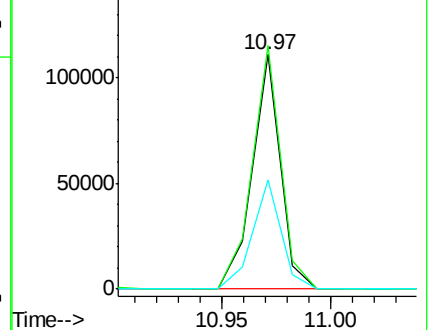
160 46.4 36.6 54.8

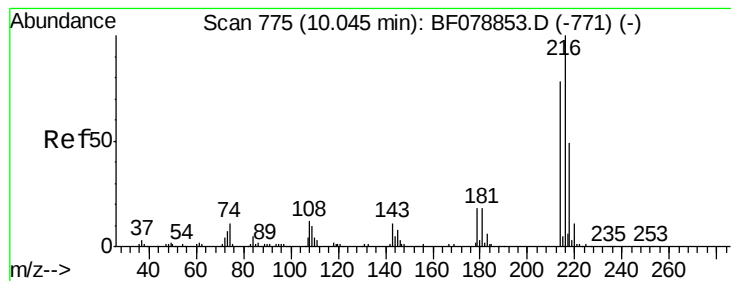


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.96 ng

RT: 9.88 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

Tot Ion:216 Resp: 131255

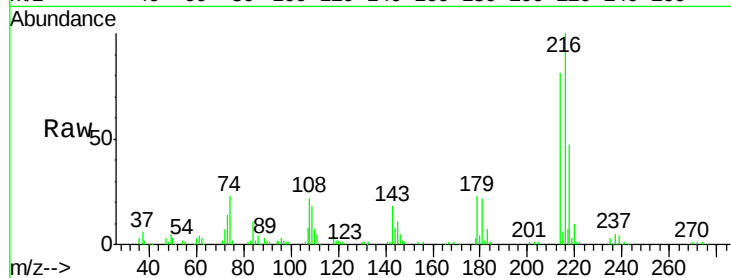
Ion Ratio Lower Upper

216 100

214 79.8 64.0 96.0

179 22.3 17.0 25.4

108 23.5 17.0 25.6

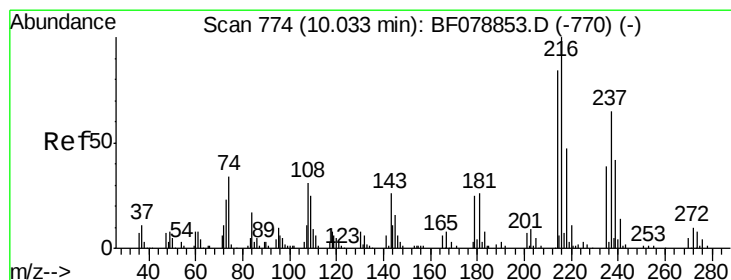
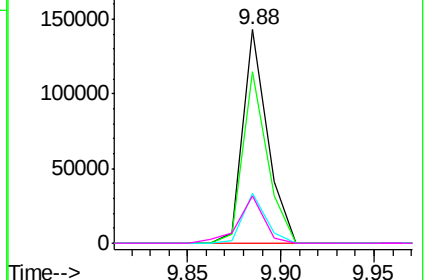
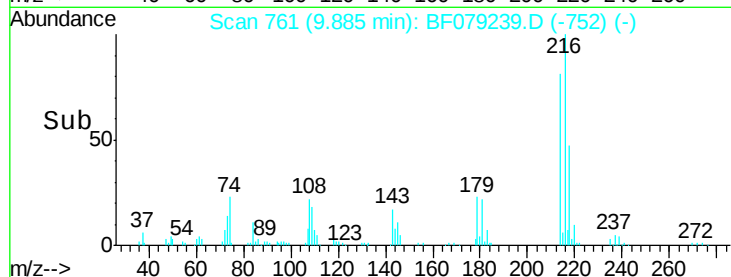


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.79 ng

RT: 9.87 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

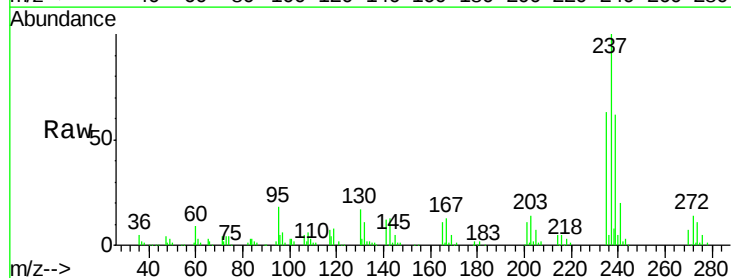
Tgt Ion:237 Resp: 105117

Ion Ratio Lower Upper

237 100

235 63.1 40.0 80.0

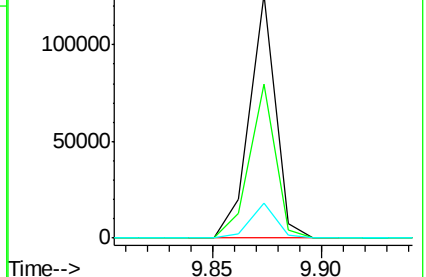
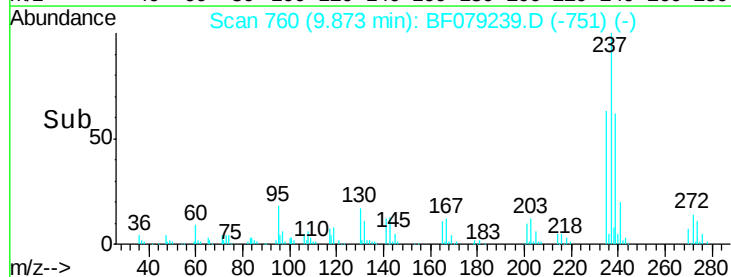
272 14.3 0.0 36.0

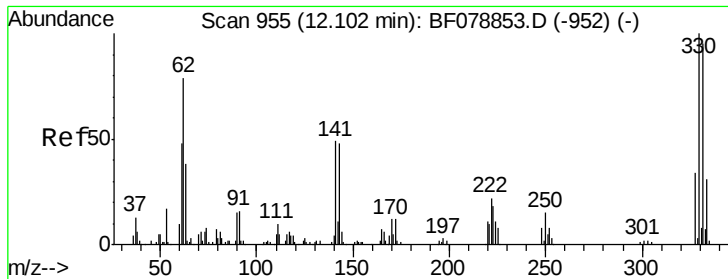


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

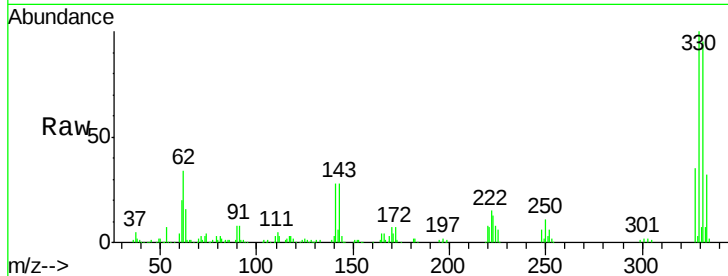




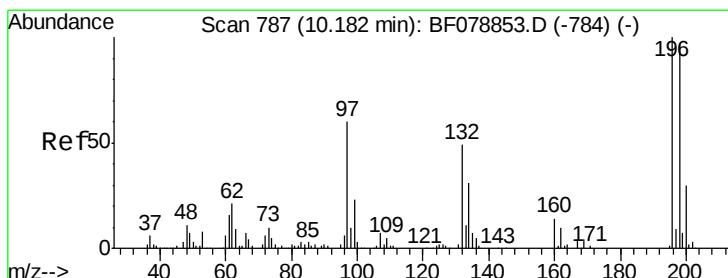
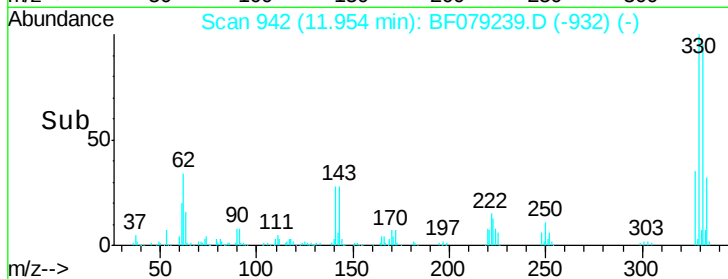
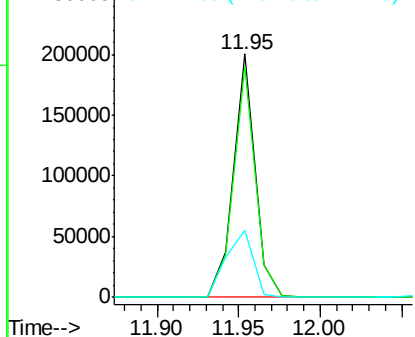
#41
 2,4,6-Tribromophenol
 Concen: 170.06 ng
 RT: 11.95 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMSD

Tot Ion:330 Resp: 182580
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.9 115.3
 141 35.0 27.8 41.8

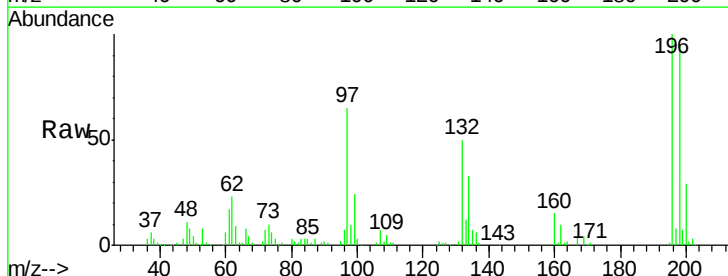


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

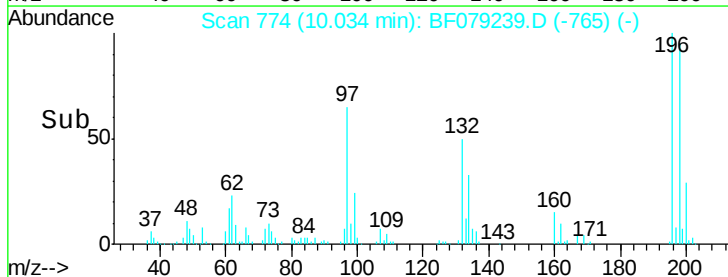
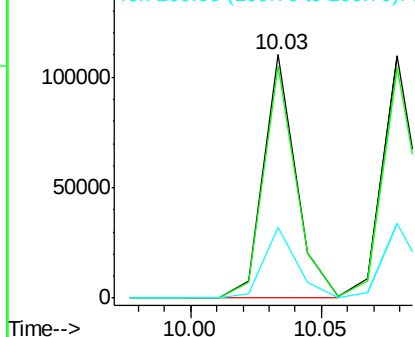


#42
 2,4,6-Trichlorophenol
 Concen: 49.58 ng
 RT: 10.03 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Tgt Ion:196 Resp: 95266
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.4 116.2
 200 29.3 23.7 35.5



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

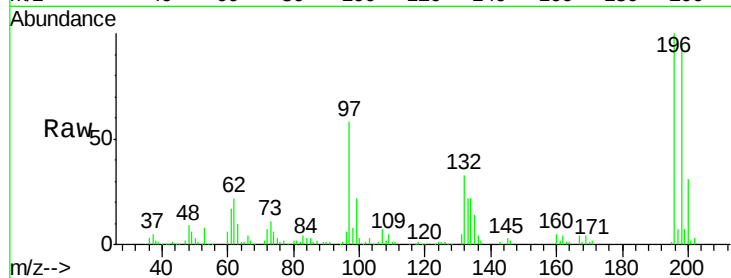




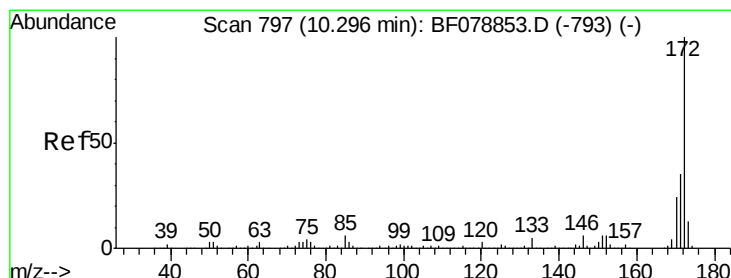
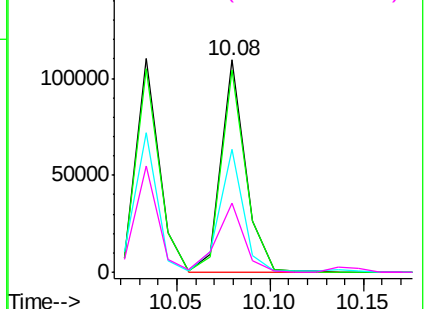
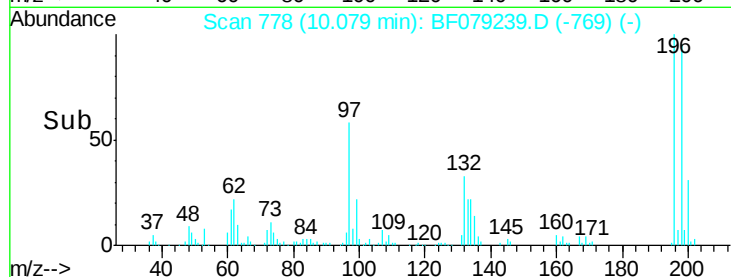
#43
 2,4,5-Trichlorophenol
 Concen: 51.64 ng
 RT: 10.08 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.3	115.9
97	58.1	31.3	46.9
132	32.9	19.7	29.5

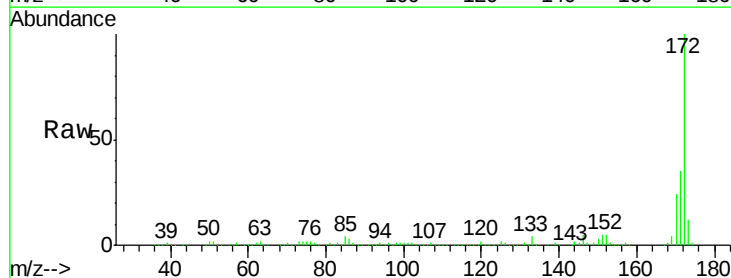


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

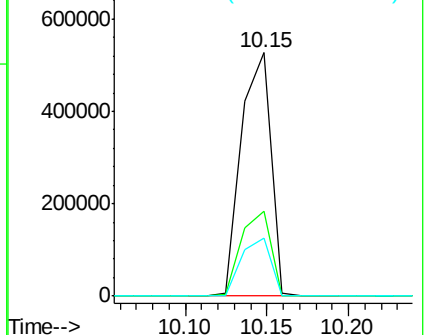
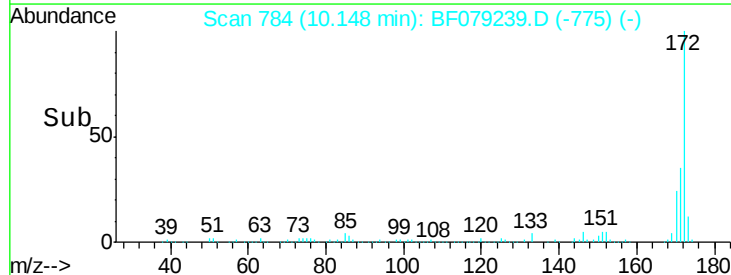


#44
 2-Fluorobiphenyl
 Concen: 92.74 ng
 RT: 10.15 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.9	19.4	29.2



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





#45

1,1'-Biphenyl

Concen: 49.39 ng

RT: 10.26 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

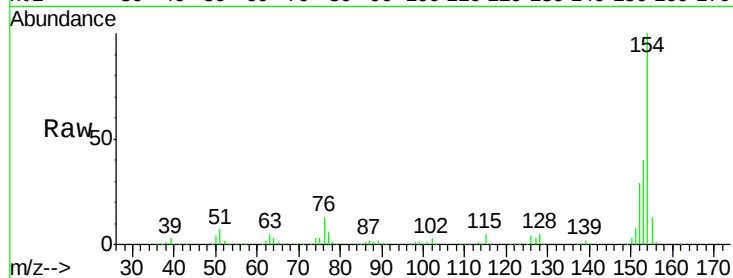
Tot Ion:154 Resp: 389691

Ion Ratio Lower Upper

154 100

153 39.6 19.7 59.7

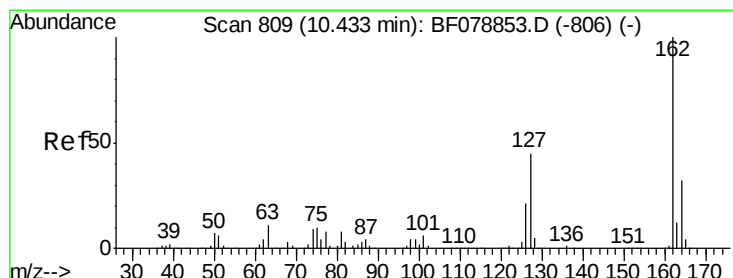
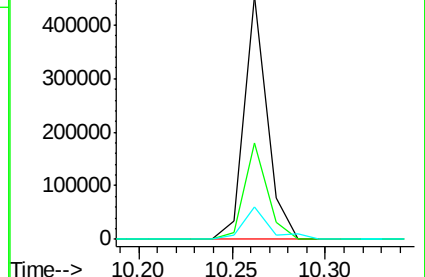
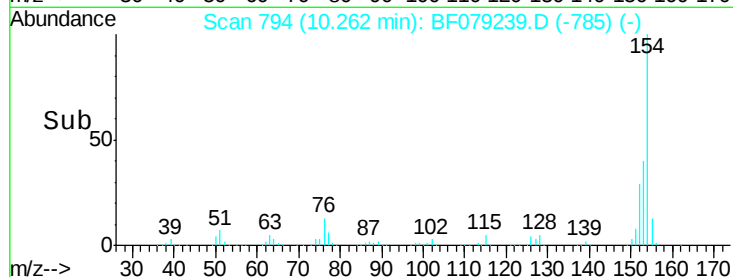
76 13.4 0.0 29.1



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: 50.81 ng

RT: 10.28 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

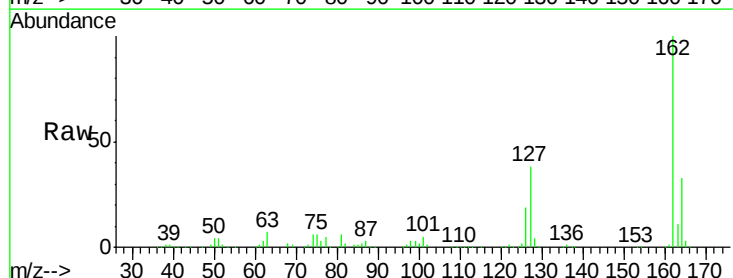
Tgt Ion:162 Resp: 312682

Ion Ratio Lower Upper

162 100

127 38.2 36.3 54.5

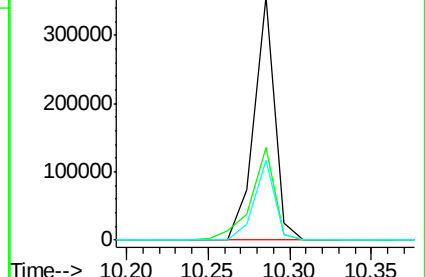
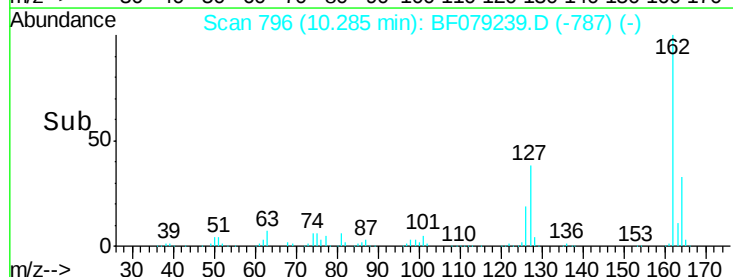
164 32.9 25.9 38.9



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

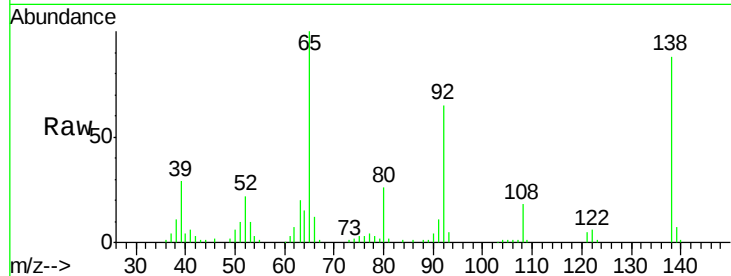




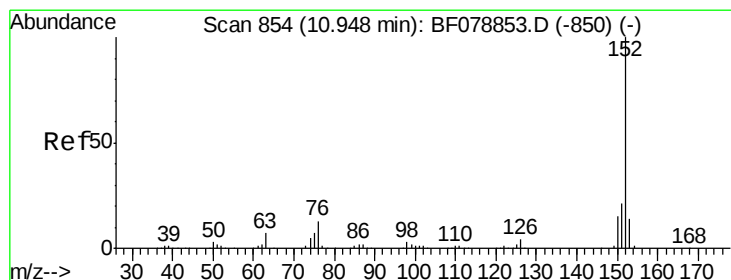
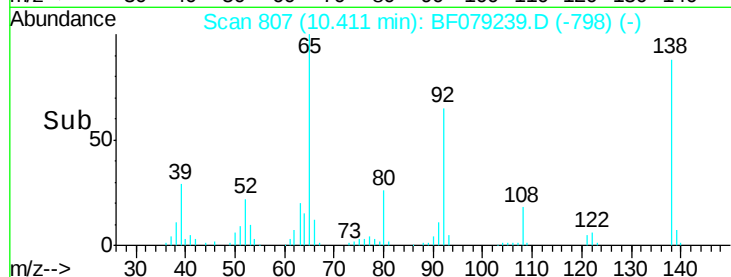
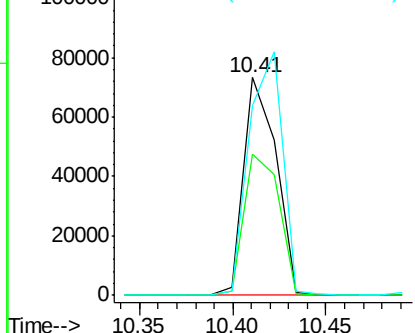
#47
2-Nitroaniline
Concen: 49.93 ng
RT: 10.41 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Instrument :
BNA_F
ClientSampleId :
SB-39SMSD

Tot Ion: 65 Resp: 89027
Ion Ratio Lower Upper
65 100
92 64.7 49.1 73.7
138 87.6 63.2 94.8

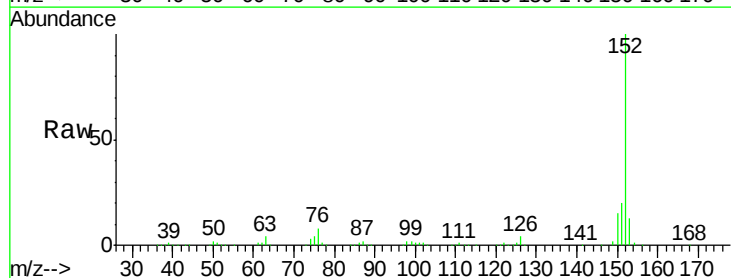


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

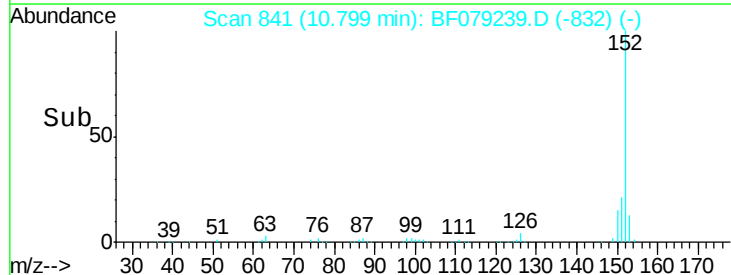
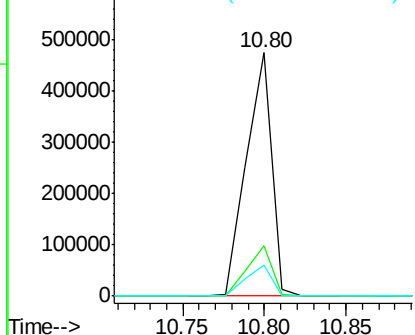


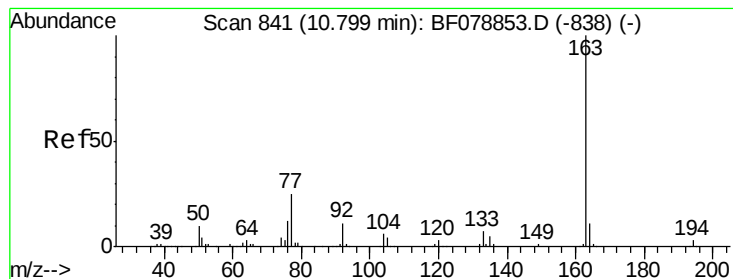
#48
Acenaphthylene
Concen: 50.37 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Tgt Ion: 152 Resp: 508992
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 12.8 11.0 16.6



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: 60.06 ng

RT: 10.65 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

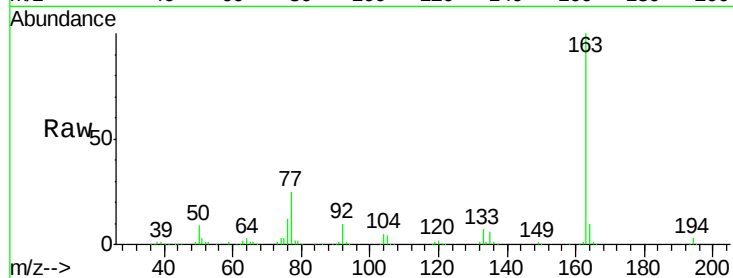
Tot Ion:163 Resp: 437431

Ion Ratio Lower Upper

163 100

194 3.1 2.4 3.6

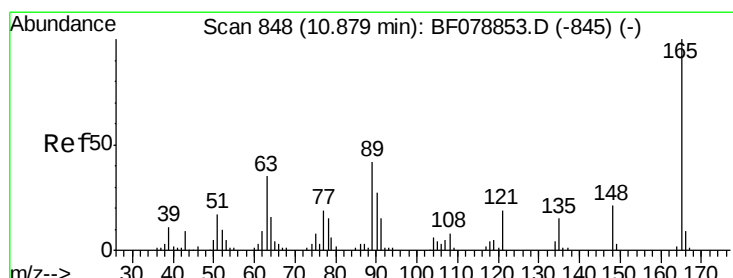
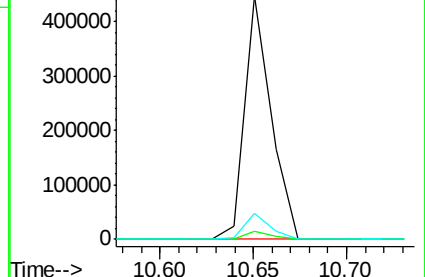
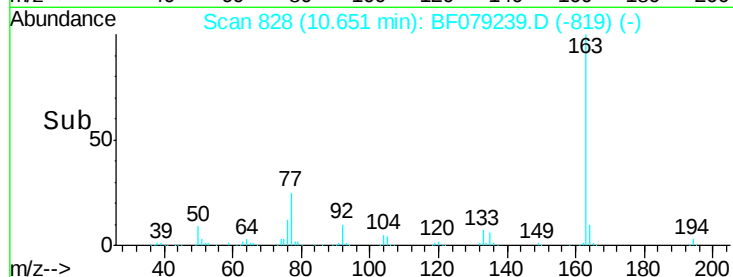
164 10.5 8.6 12.8



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: 54.14 ng

RT: 10.73 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

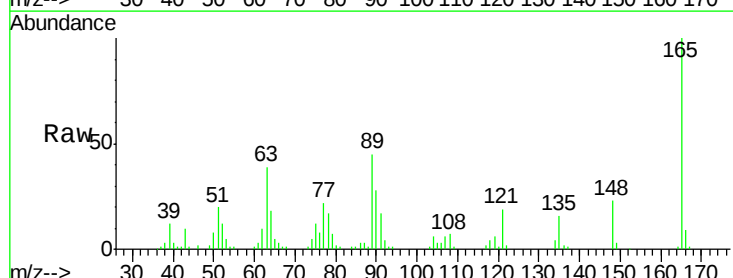
Tgt Ion:165 Resp: 77816

Ion Ratio Lower Upper

165 100

63 38.6 29.2 43.8

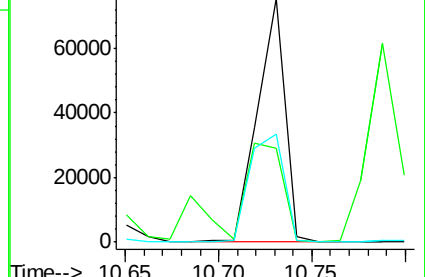
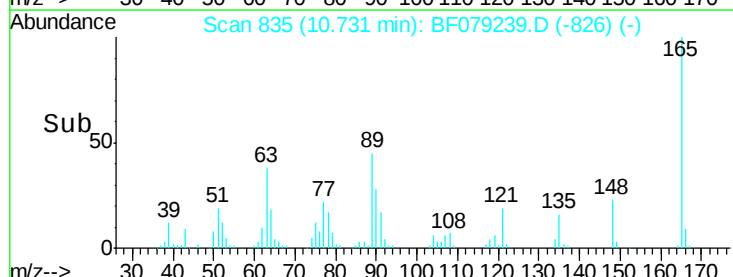
89 44.5 33.3 49.9



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: 49.20 ng

RT: 11.02 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

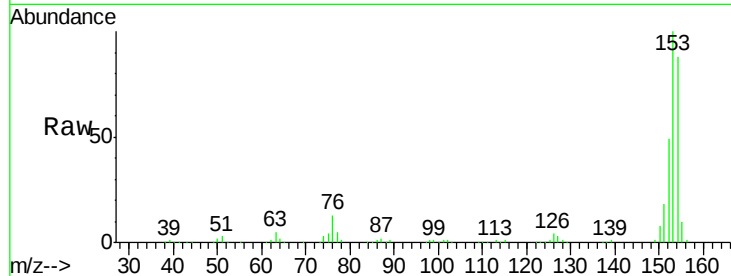
Tot Ion:154 Resp: 296445

Ion Ratio Lower Upper

154 100

153 114.0 90.2 135.2

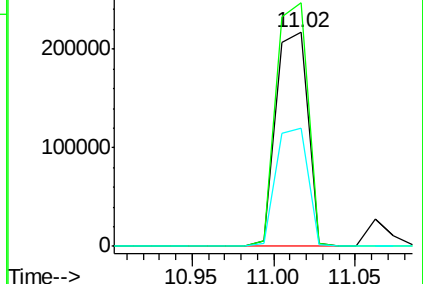
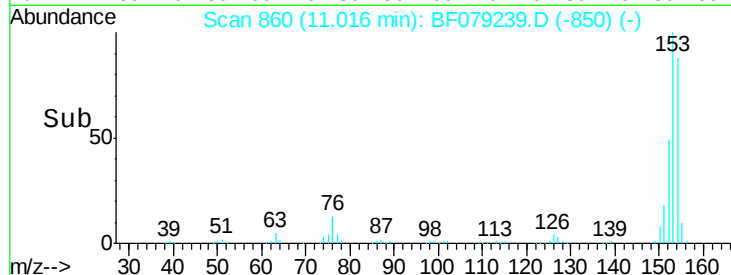
152 55.4 43.8 65.8



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: 35.58 ng

RT: 10.93 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

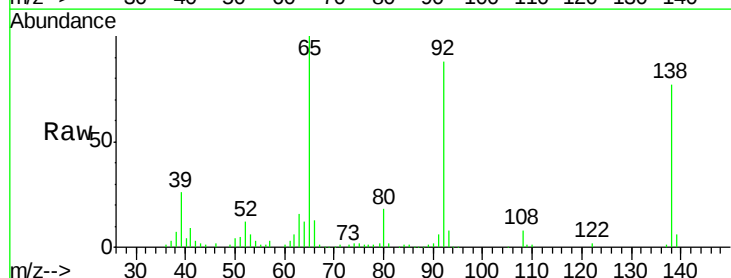
Tgt Ion:138 Resp: 63879

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

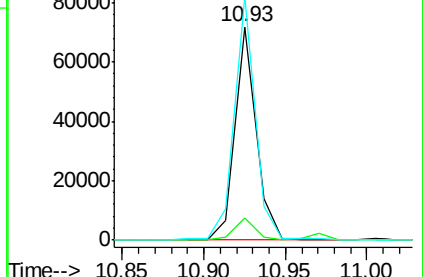
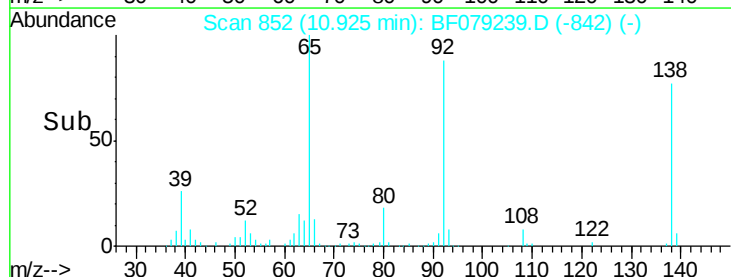
92 114.3 97.4 146.0

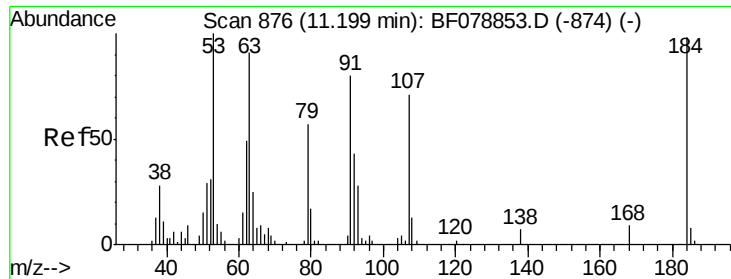


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

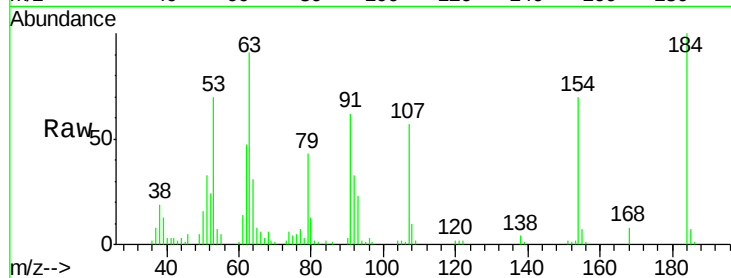




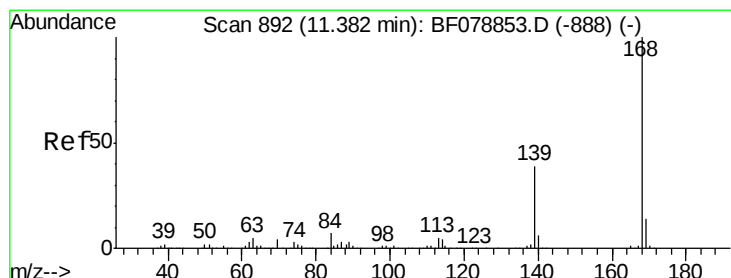
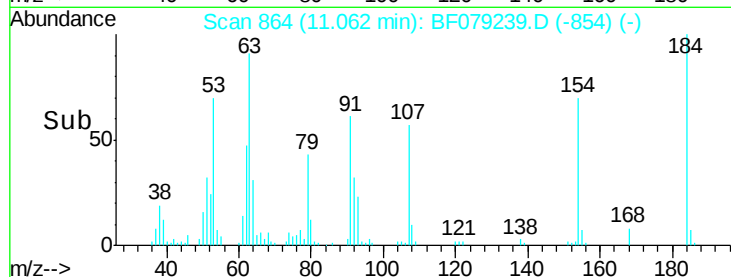
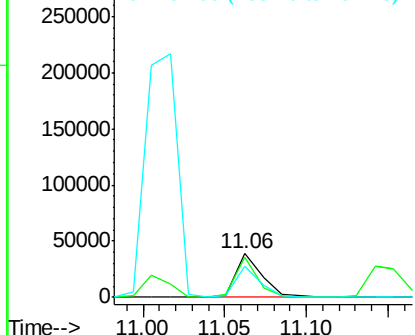
#53
 2,4-Dinitrophenol
 Concen: 73.60 ng
 RT: 11.06 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Instrument :
 BNA_F
 ClientSampled :
 SB-39SMSD

Tot Ion:184 Resp: 42426
 Ion Ratio Lower Upper
 184 100
 63 91.3 98.8 148.2#
 154 70.2 63.4 95.0

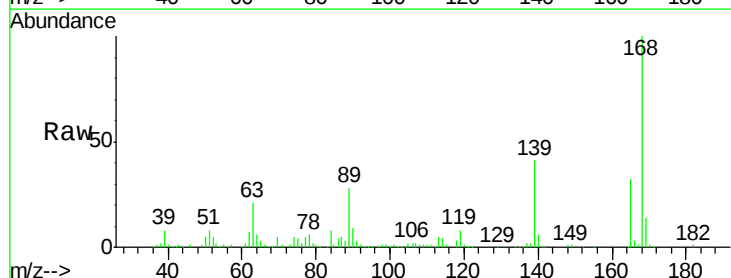


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

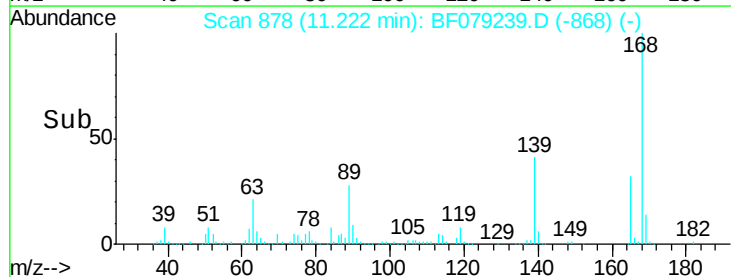
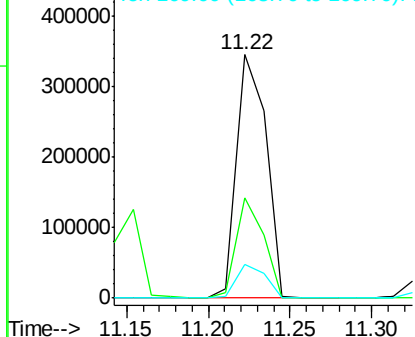


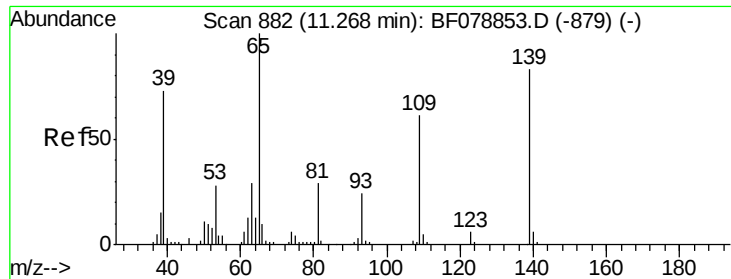
#54
 Dibenzofuran
 Concen: 49.53 ng
 RT: 11.22 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Tgt Ion:168 Resp: 431102
 Ion Ratio Lower Upper
 168 100
 139 41.4 31.5 47.3
 169 13.9 11.0 16.4



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

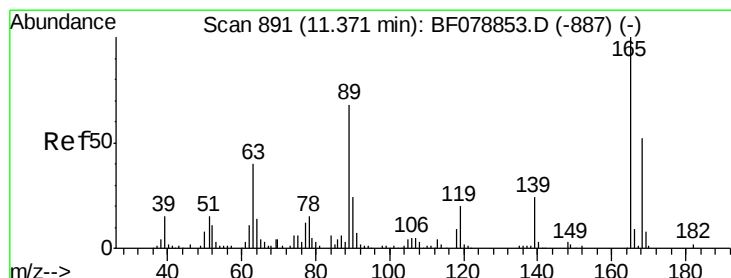
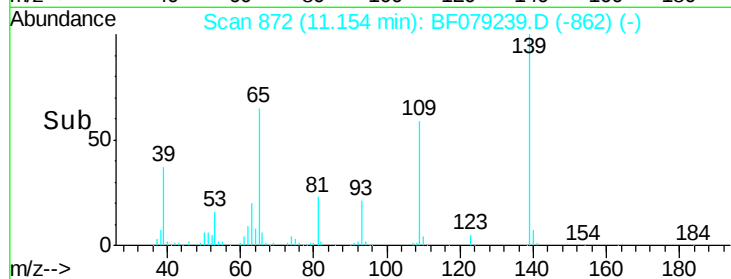
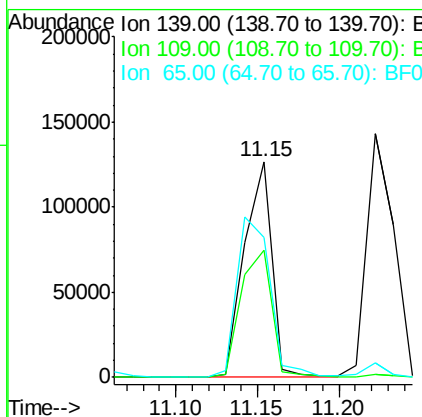
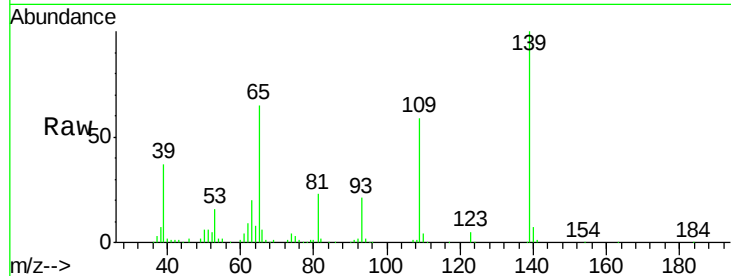




#55
4-Nitrophenol
Concen: 104.72 ng
RT: 11.15 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

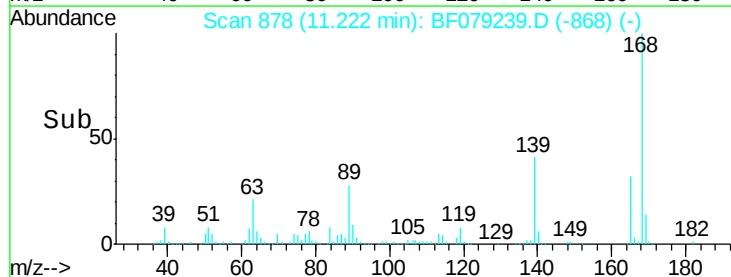
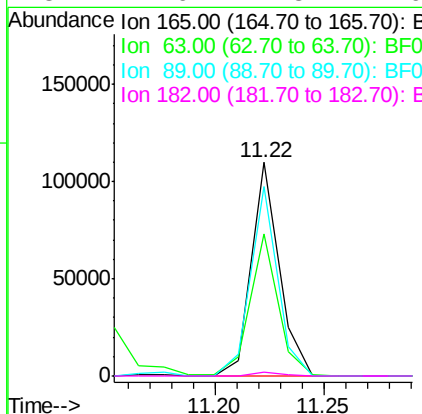
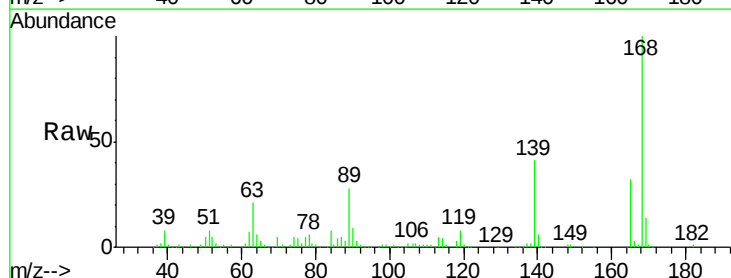
Instrument :
BNA_F
ClientSampleId :
SB-39SMSD

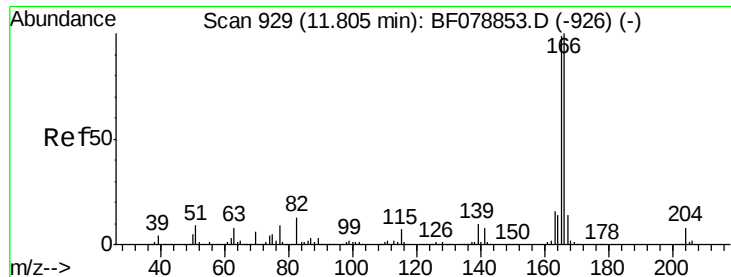
Tot Ion:139 Resp: 148827
Ion Ratio Lower Upper
139 100
109 58.7 54.4 94.4
65 65.1 101.0 141.0#



#56
2,4-Dinitrotoluene
Concen: 51.51 ng
RT: 11.22 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Tgt Ion:165 Resp: 97881
Ion Ratio Lower Upper
165 100
63 66.4 32.3 48.5#
89 88.6 54.6 81.8#
182 1.6 1.8 2.6#





#57

Fluorene

Concen: 51.03 ng

RT: 11.66 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

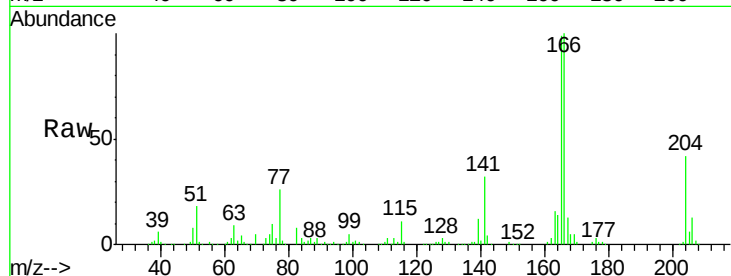
Tot Ion:166 Resp: 364536

Ion Ratio Lower Upper

166 100

165 98.9 79.5 119.3

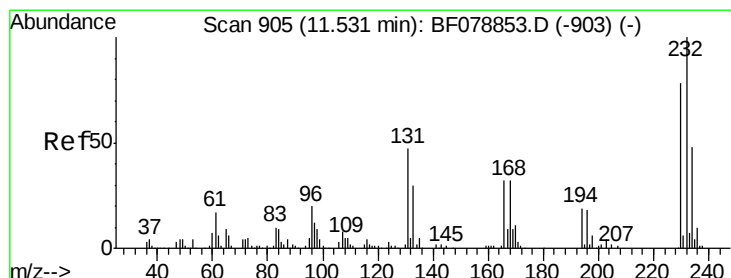
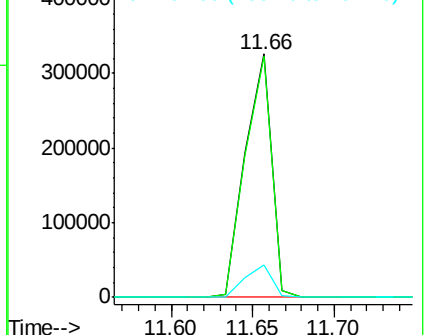
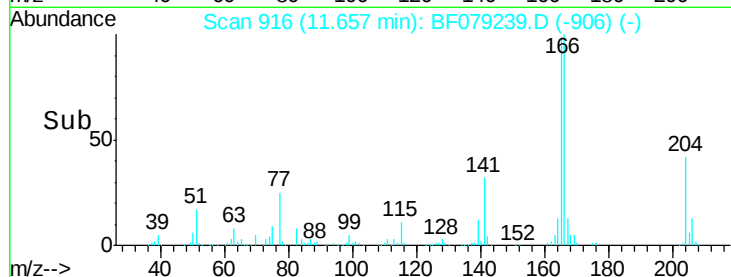
167 13.2 11.0 16.6



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: 51.78 ng

RT: 11.38 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Tgt Ion:232 Resp: 82205

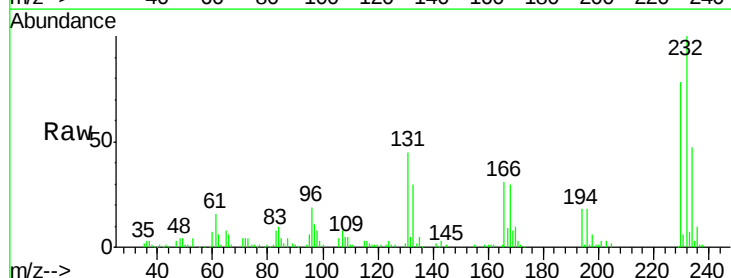
Ion Ratio Lower Upper

232 100

131 51.0 41.9 62.9

130 2.4 1.9 2.9

166 33.1 27.0 40.6

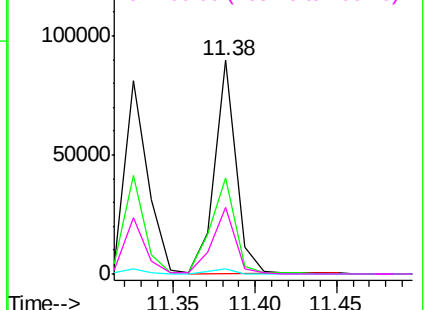
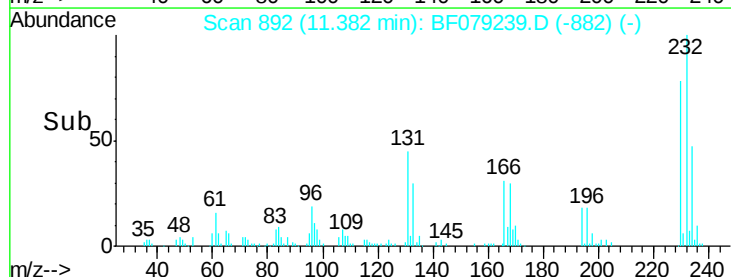


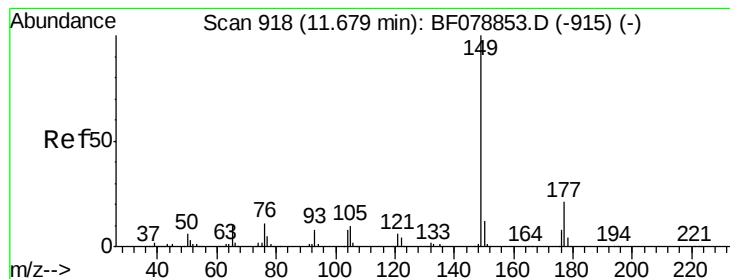
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.01 ng

RT: 11.53 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

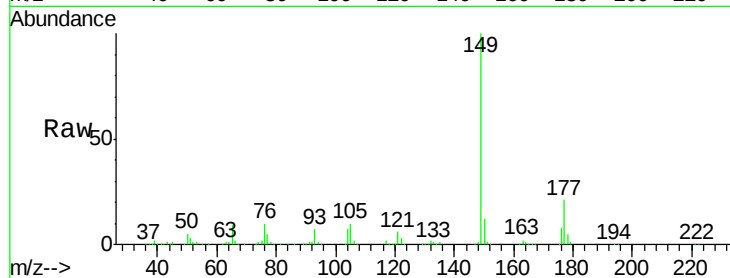
Tot Ion:149 Resp: 353648

Ion Ratio Lower Upper

149 100

177 20.7 16.4 24.6

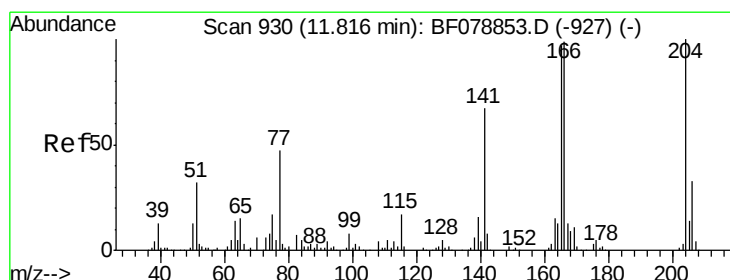
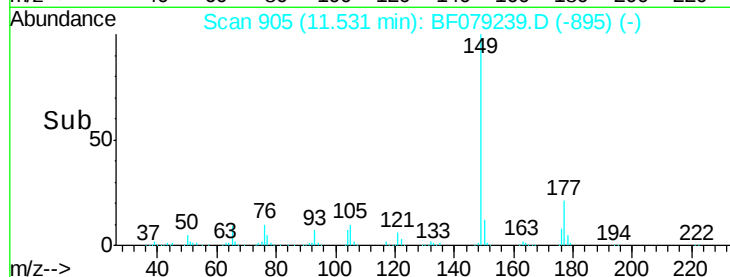
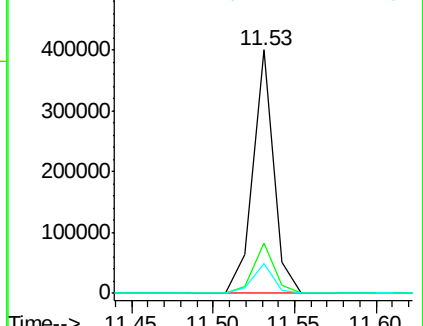
150 12.2 9.8 14.6



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: 47.85 ng

RT: 11.66 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

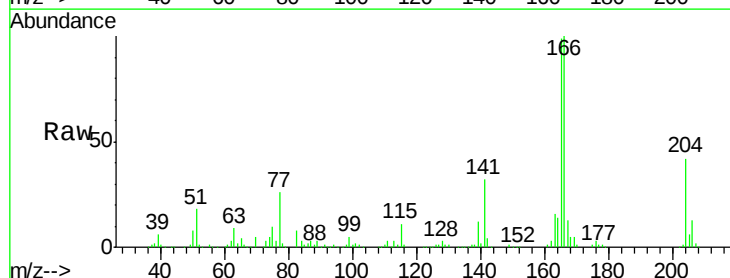
Tgt Ion:204 Resp: 151661

Ion Ratio Lower Upper

204 100

206 31.6 26.2 39.4

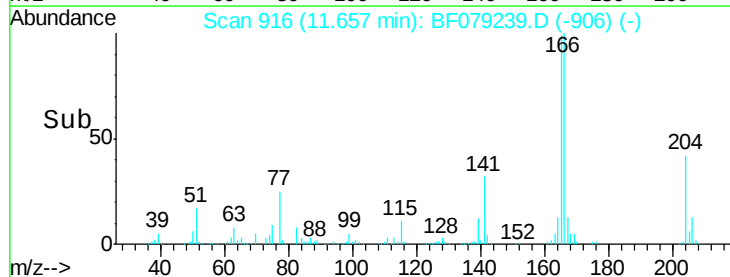
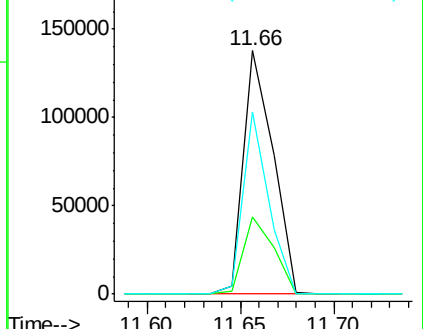
141 74.8 53.6 80.4

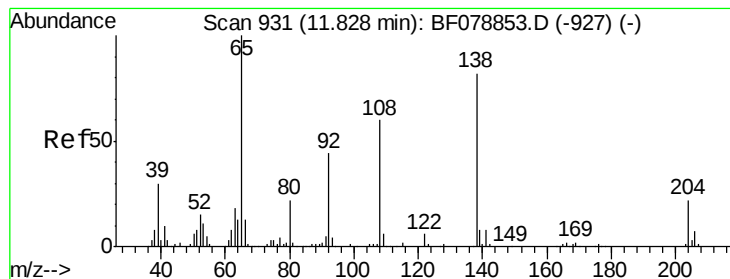


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.69 ng

RT: 11.68 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

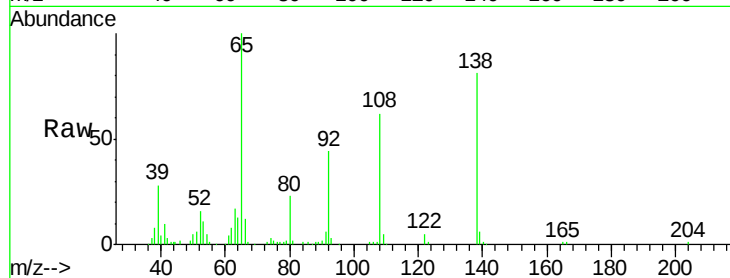
Tot Ion:138 Resp: 76683

Ion Ratio Lower Upper

138 100

92 54.5 33.7 73.7

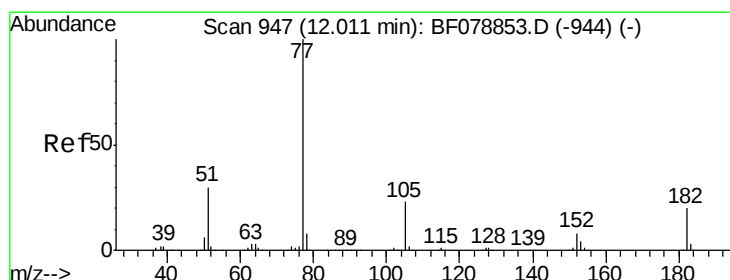
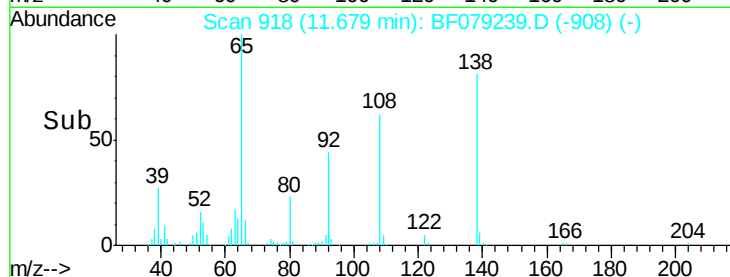
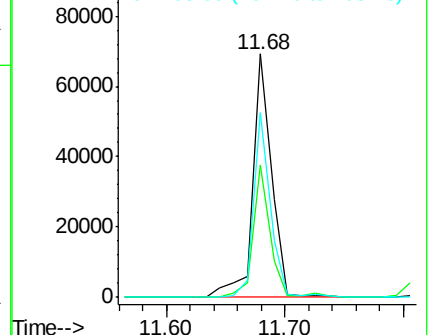
108 75.9 53.4 93.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.06 ng

RT: 11.85 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Tgt Ion: 77 Resp: 341745

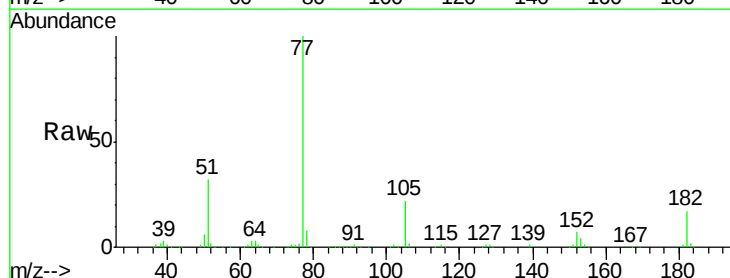
Ion Ratio Lower Upper

77 100

182 16.6 0.0 40.0

105 22.0 2.9 42.9

51 32.1 10.0 50.0

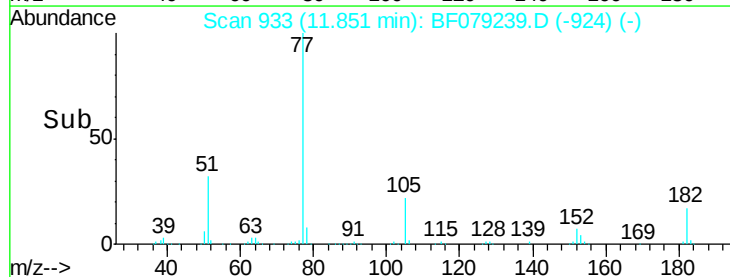
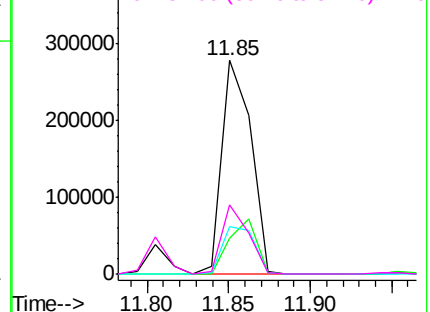


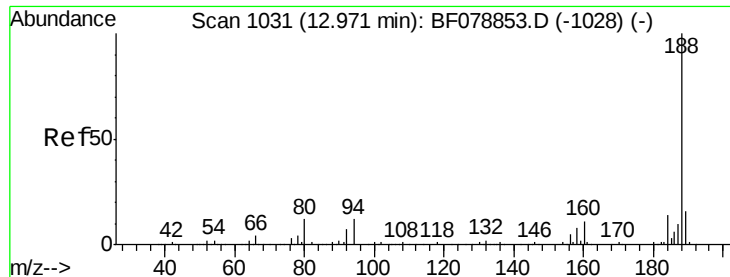
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

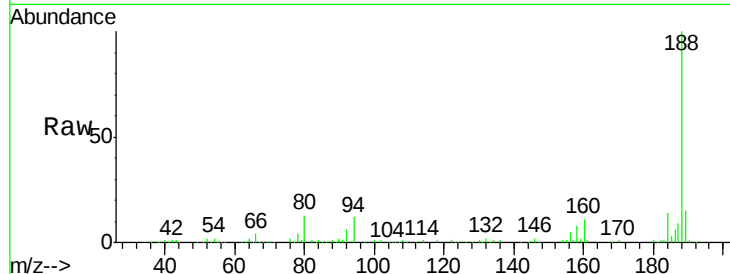




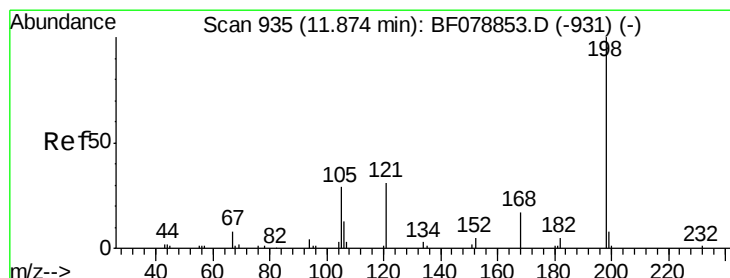
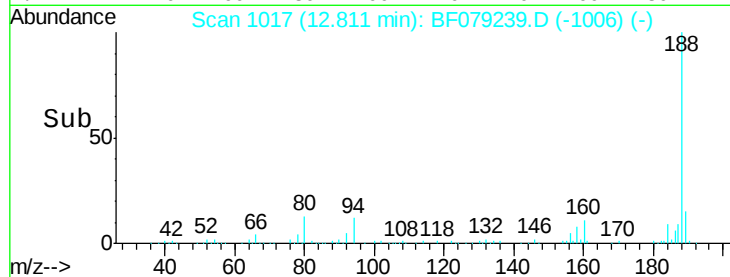
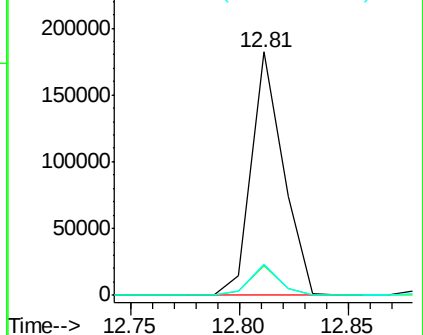
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Instrument :
BNA_F
ClientSampleId :
SB-39SMSD

Tot Ion:188 Resp: 187287
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.0
80 12.7 9.8 14.6

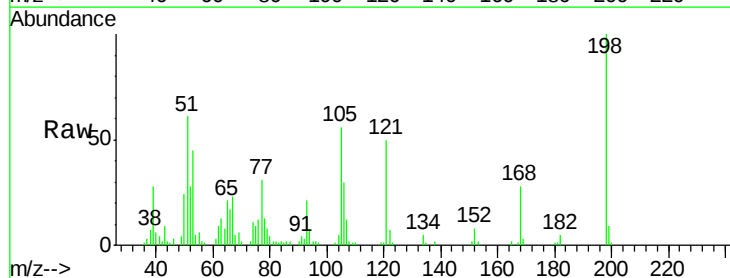


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

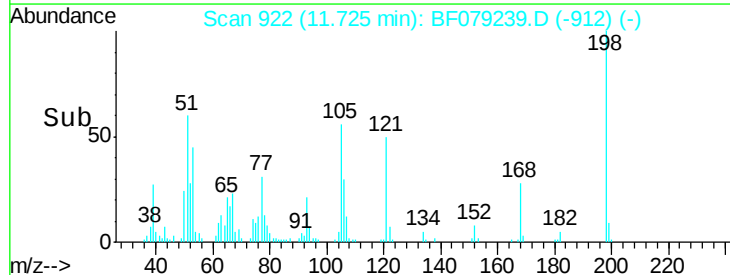
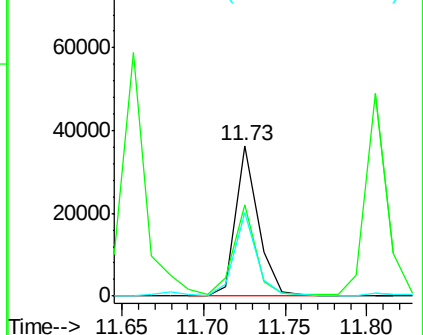


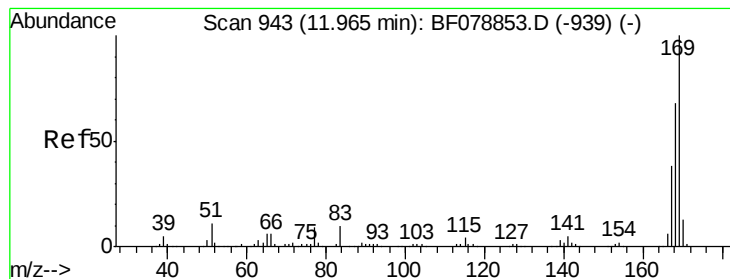
#64
4,6-Dinitro-2-methylphenol
Concen: 45.34 ng
RT: 11.73 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Tgt Ion:198 Resp: 34605
Ion Ratio Lower Upper
198 100
51 61.1 7.0 47.0#
105 55.6 13.7 53.7#



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

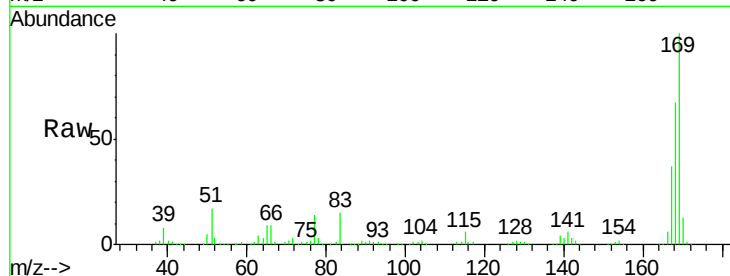




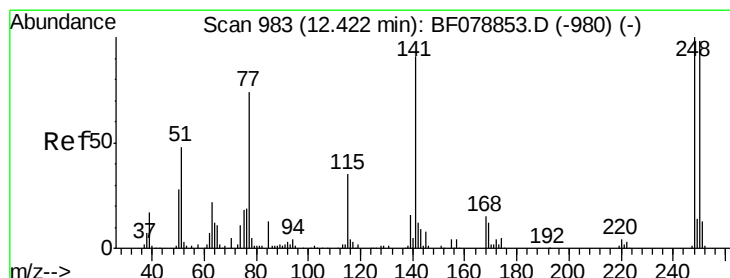
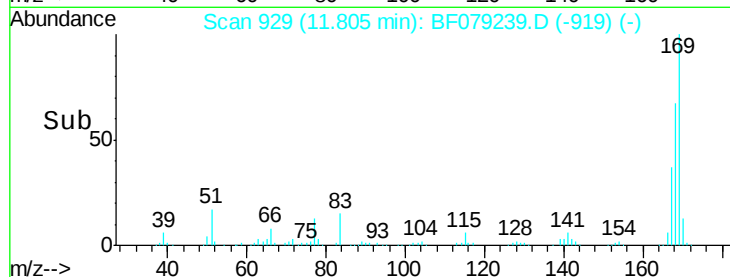
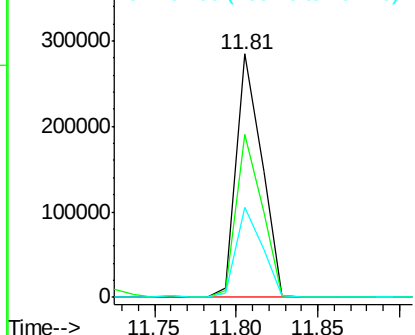
#65
 n-Nitrosodiphenylamine
 Concen: 48.97 ng
 RT: 11.81 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMSD

Tot Ion:169 Resp: 305409
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.1 81.1
 167 36.7 30.1 45.1

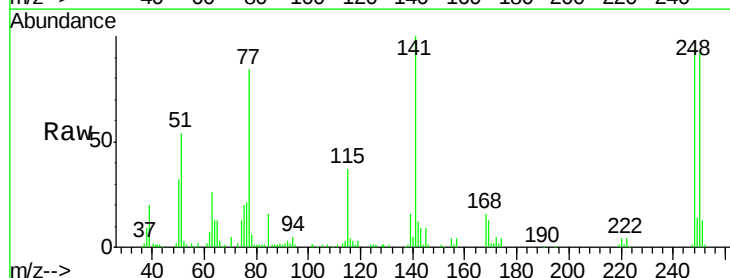


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

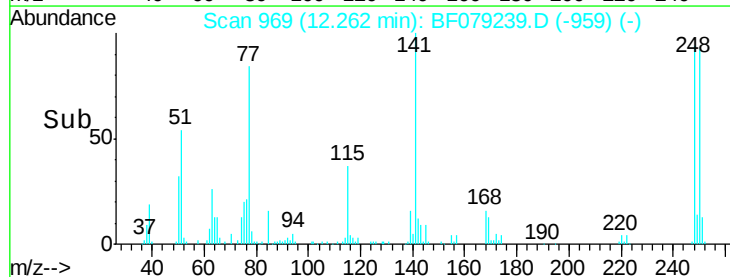
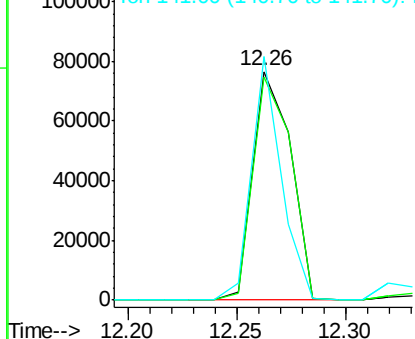


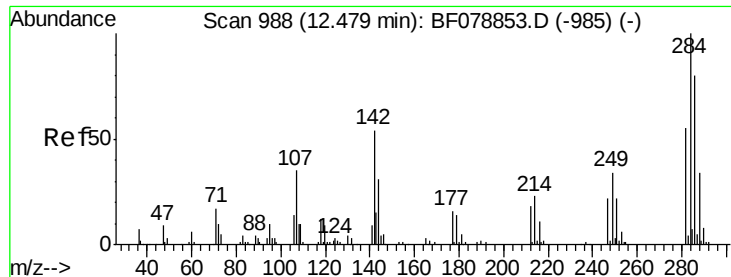
#66
 4-Bromophenyl-phenylether
 Concen: 47.95 ng
 RT: 12.26 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Tgt Ion:248 Resp: 93609
 Ion Ratio Lower Upper
 248 100
 250 97.8 78.0 117.0
 141 106.5 72.6 109.0



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

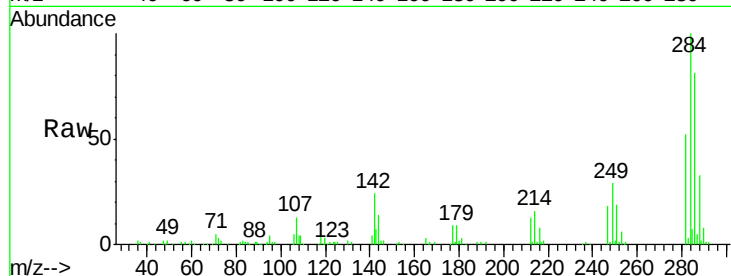




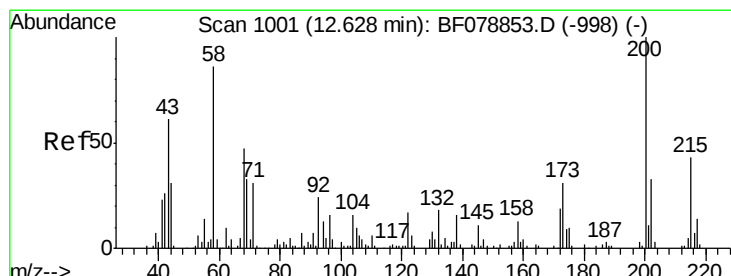
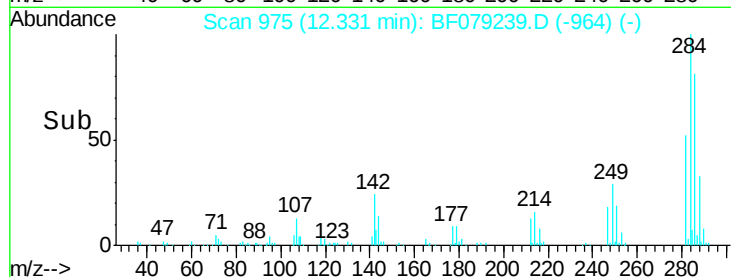
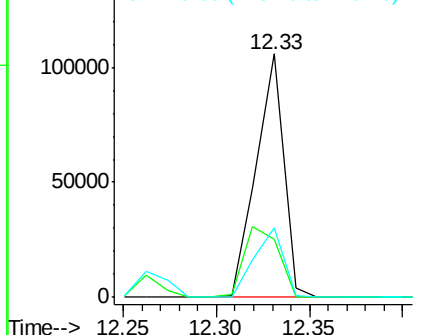
#67
Hexachlorobenzene
Concen: 48.72 ng
RT: 12.33 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Instrument :
BNA_F
ClientSampleId :
SB-39SMSD

Tot Ion:284 Resp: 108707
Ion Ratio Lower Upper
284 100
142 24.0 43.2 64.8#
249 28.6 27.5 41.3

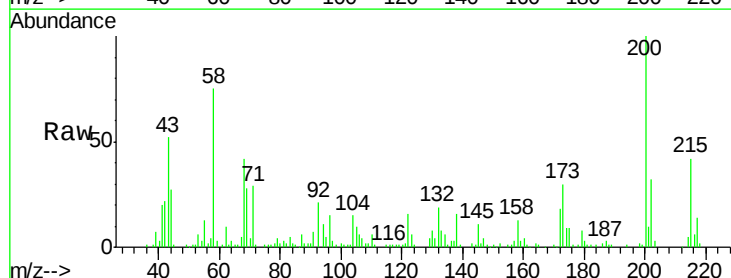


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

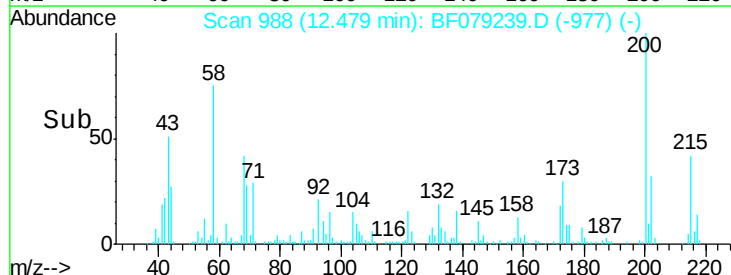
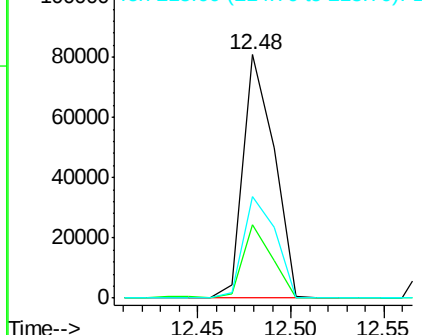


#68
Atrazine
Concen: 51.28 ng
RT: 12.48 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Tgt Ion:200 Resp: 93001
Ion Ratio Lower Upper
200 100
173 30.4 10.9 50.9
215 41.9 23.2 63.2



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

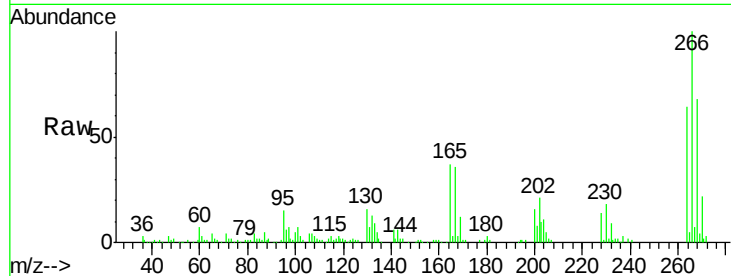




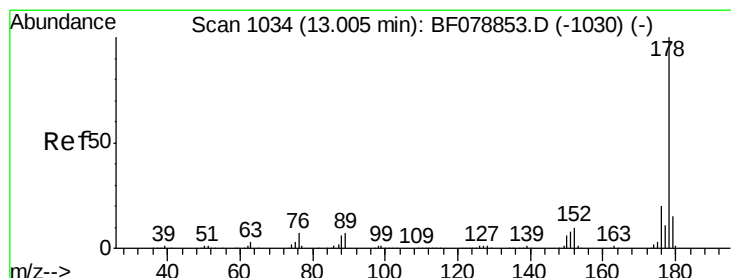
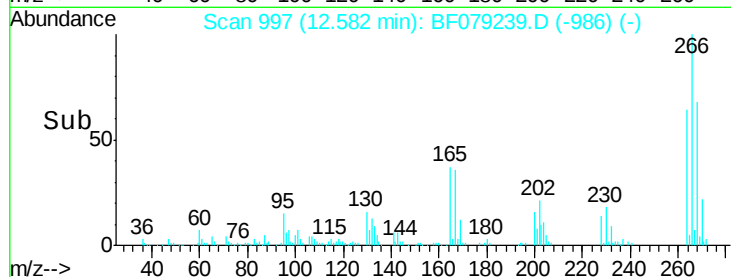
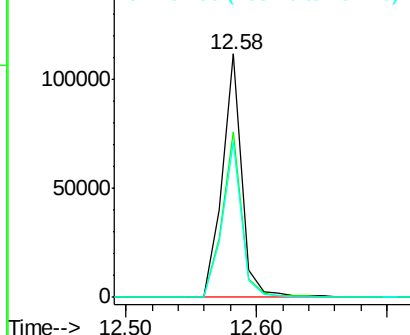
#69
 Pentachlorophenol
 Concen: 89.19 ng
 RT: 12.58 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.9	55.0	82.6
264	63.6	50.9	76.3

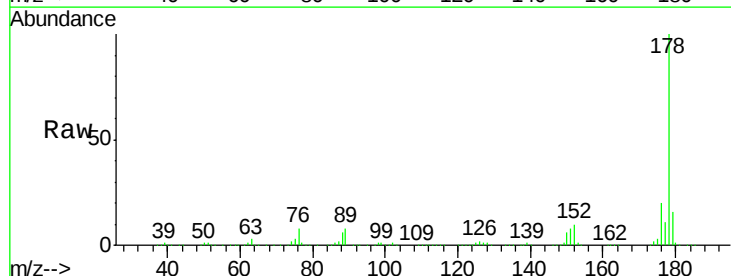


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

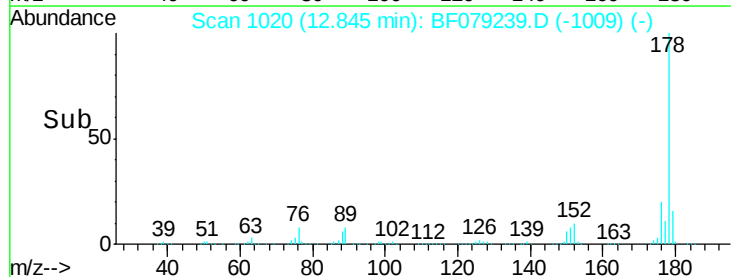
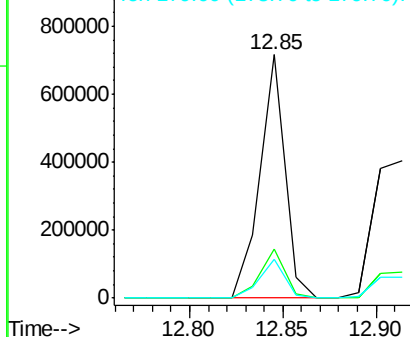


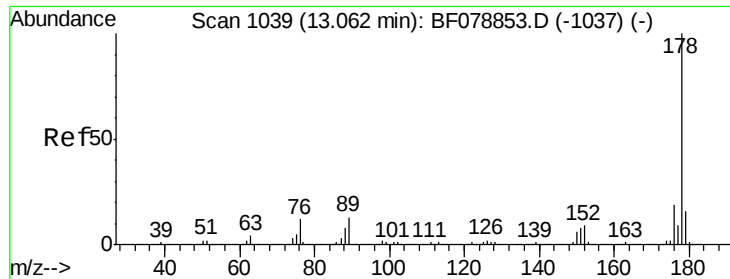
#70
 Phenanthrene
 Concen: 63.35 ng
 RT: 12.85 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	15.9	12.2	18.4



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

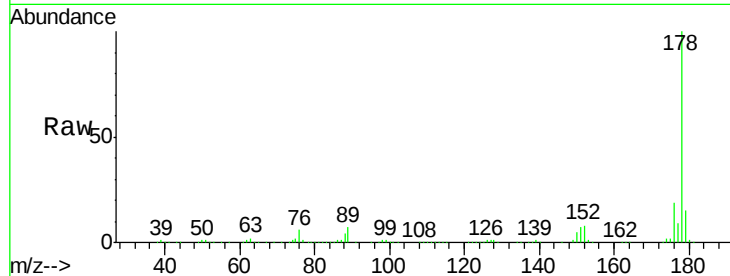




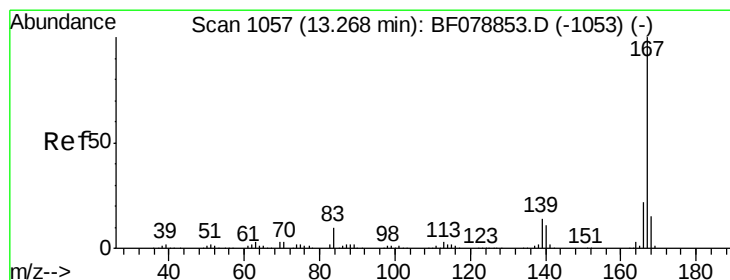
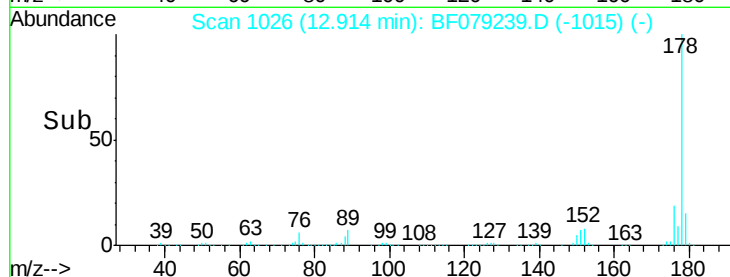
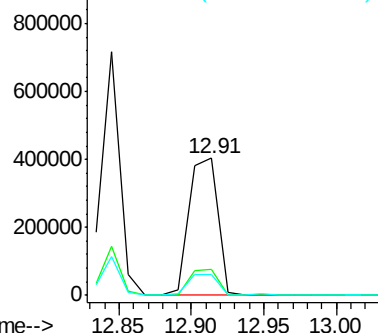
#71
 Anthracene
 Concen: 54.27 ng
 RT: 12.91 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMSD

Tot Ion:178 Resp: 557795
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.3 22.9
 179 14.8 12.6 19.0

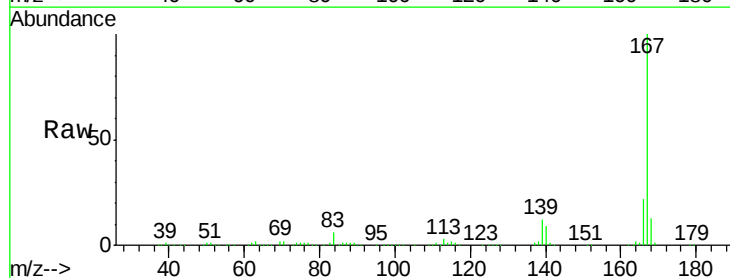


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

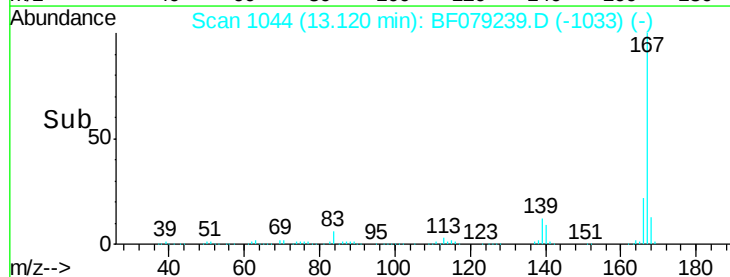
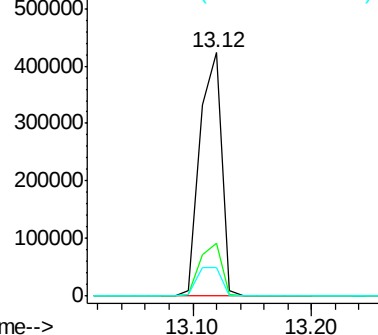


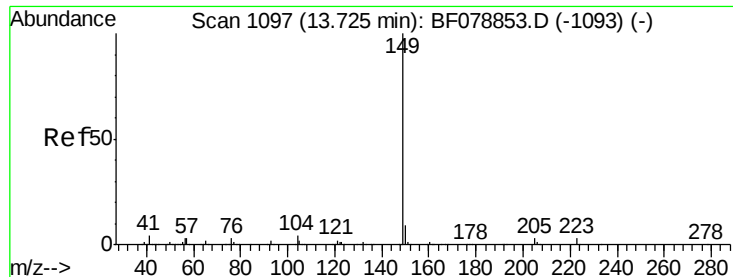
#72
 Carbazole
 Concen: 54.70 ng
 RT: 13.12 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Tgt Ion:167 Resp: 535888
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 11.9 11.0 16.4



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





#73

Di-n-butylphthalate

Concen: 51.76 ng

RT: 13.57 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

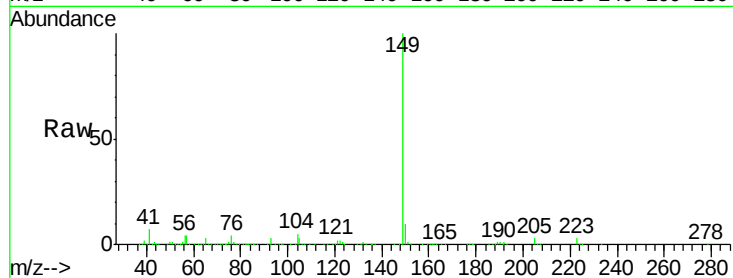
Tot Ion:149 Resp: 608197

Ion Ratio Lower Upper

149 100

150 9.5 7.0 10.4

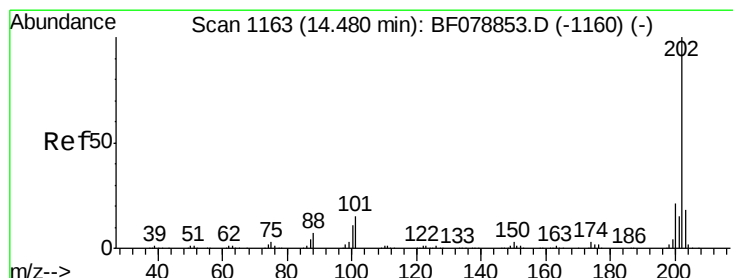
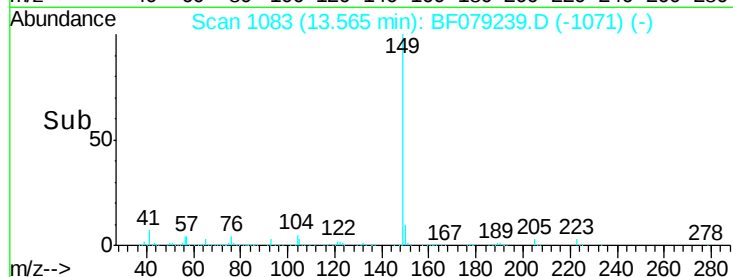
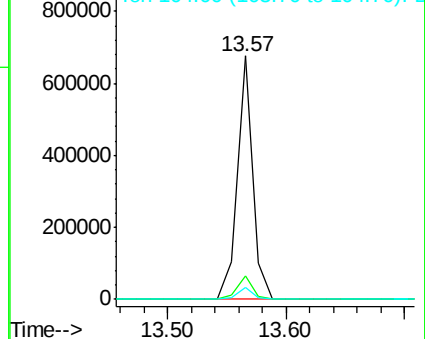
104 4.7 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 69.45 ng

RT: 14.32 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

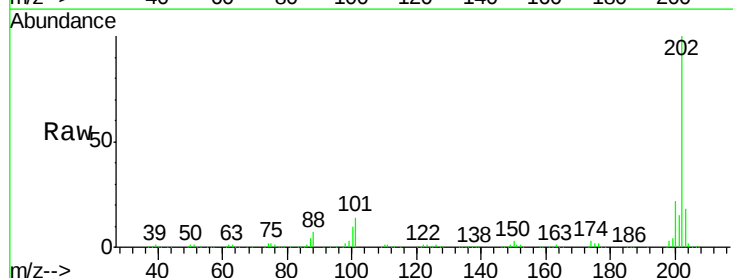
Tgt Ion:202 Resp: 758266

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.7

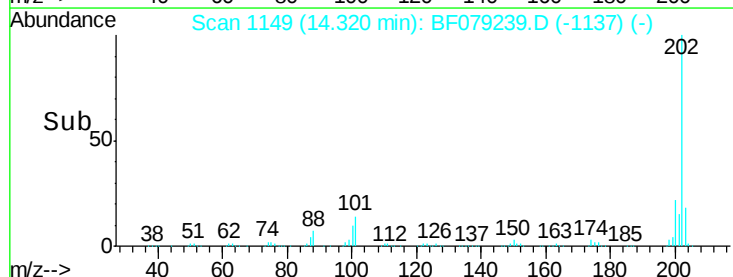
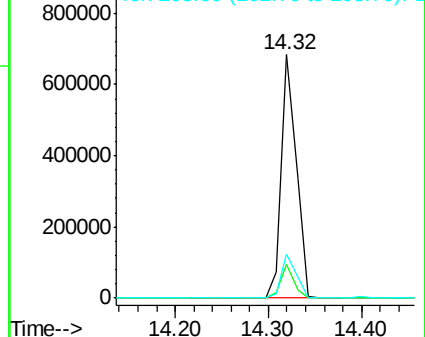
203 18.0 0.0 37.9

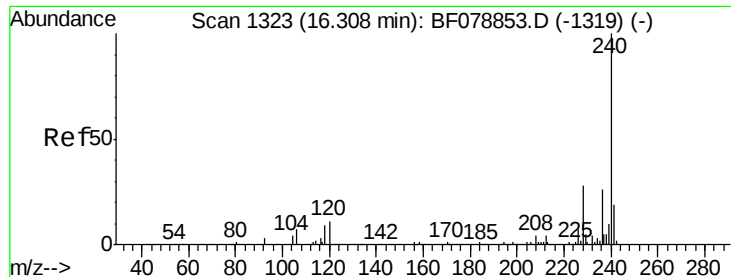


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.17 min Scan# 1311

Delta R.T. -0.07 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

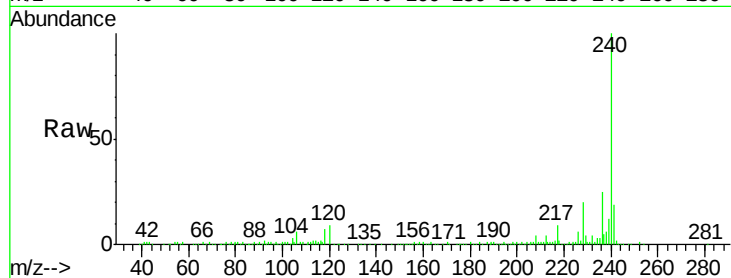
Tot Ion:240 Resp: 199954

Ion Ratio Lower Upper

240 100

120 9.0 8.6 12.8

236 25.3 21.0 31.6

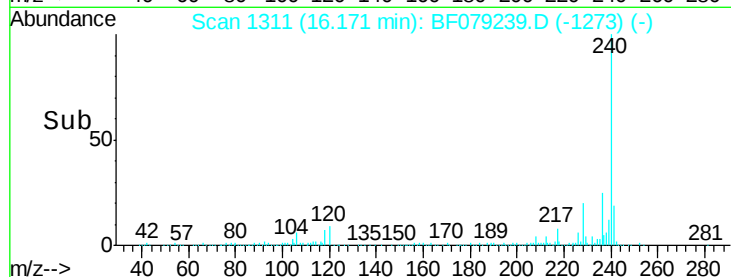


Abundance Ion 240.00 (239.70 to 240.70): E

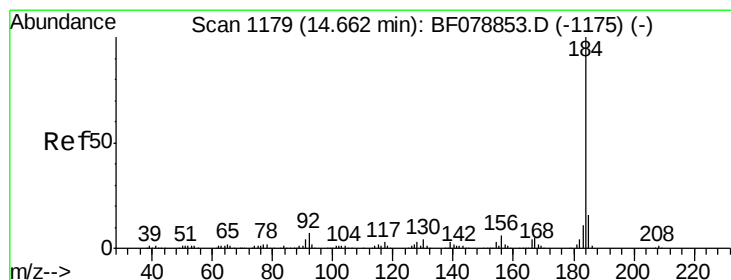
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

16.17



Time-->



#76

Benzidine

Concen: 42.18 ng

RT: 14.50 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

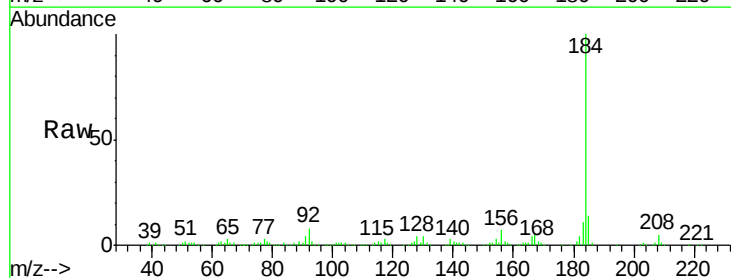
Tgt Ion:184 Resp: 227296

Ion Ratio Lower Upper

184 100

185 14.3 12.8 19.2

183 10.9 9.0 13.4

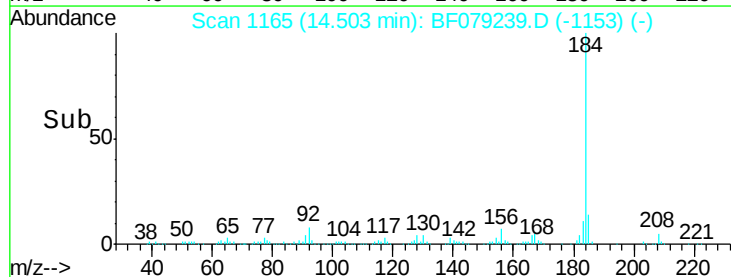


Abundance Ion 184.00 (183.70 to 184.70): E

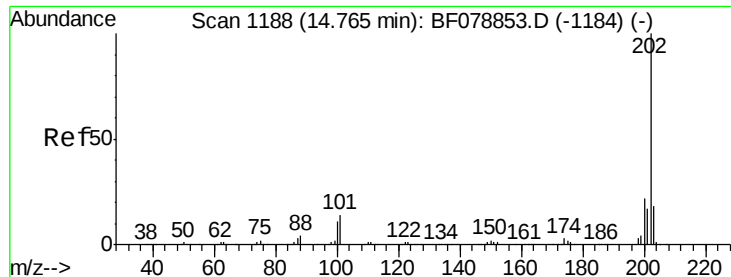
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

14.50



Time-->



#77

Pvrene

Concen: 65.01 ng

RT: 14.61 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

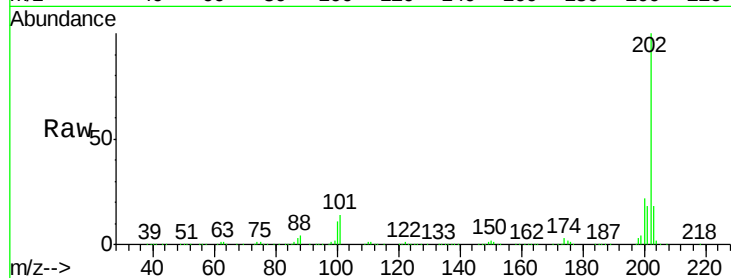
Tot Ion:202 Resp: 749068

Ion Ratio Lower Upper

202 100

200 22.3 17.5 26.3

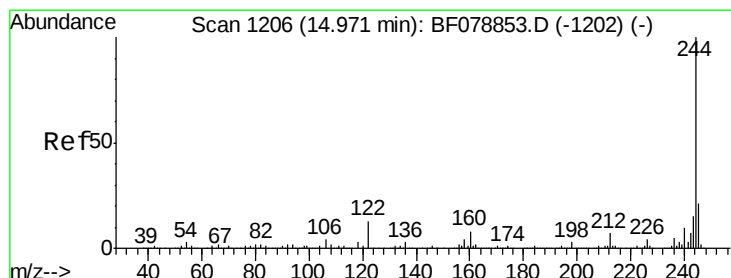
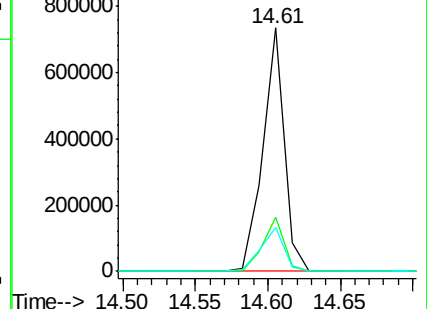
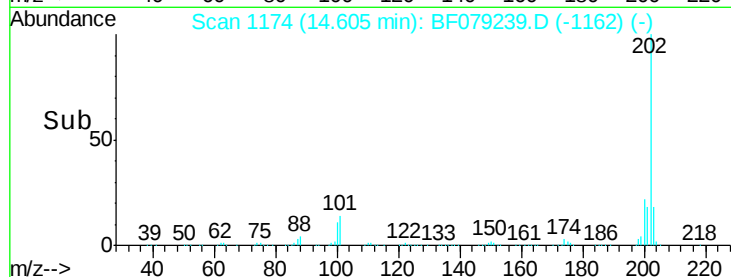
203 18.2 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.37 ng

RT: 14.81 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

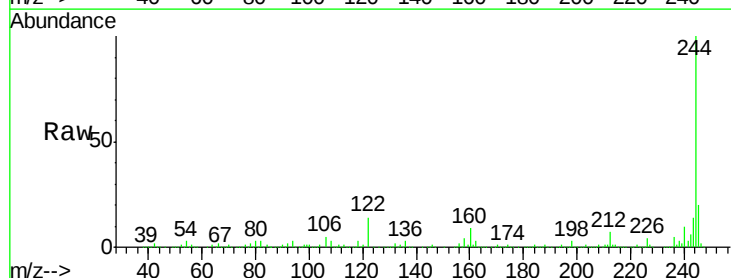
Tgt Ion:244 Resp: 763142

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

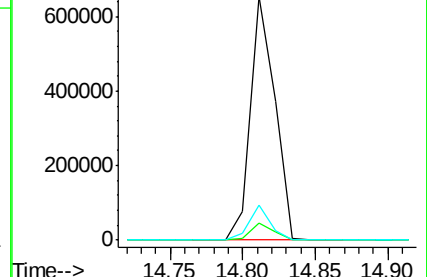
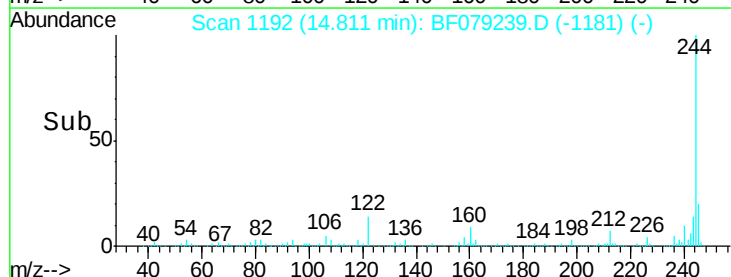
122 14.3 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

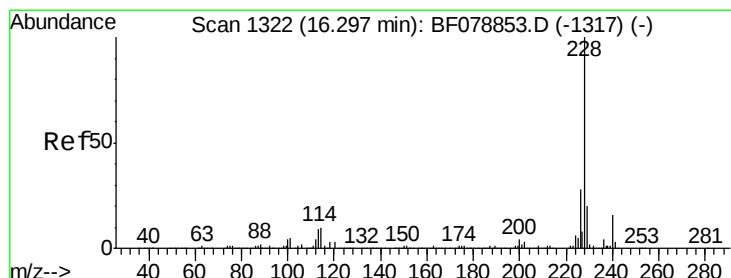
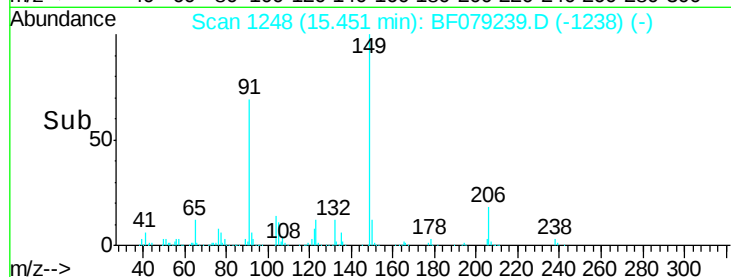
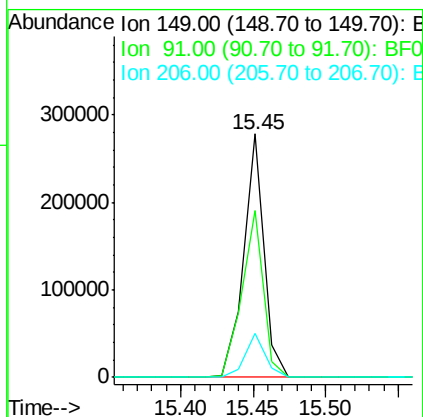
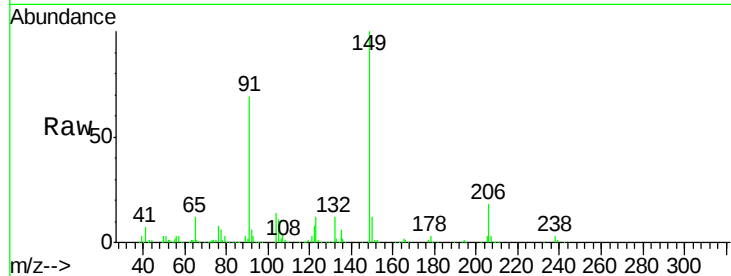




#79
Butylbenzylphthalate
Concen: 53.69 ng
RT: 15.45 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

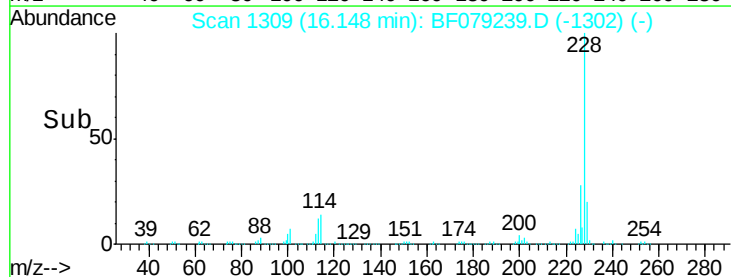
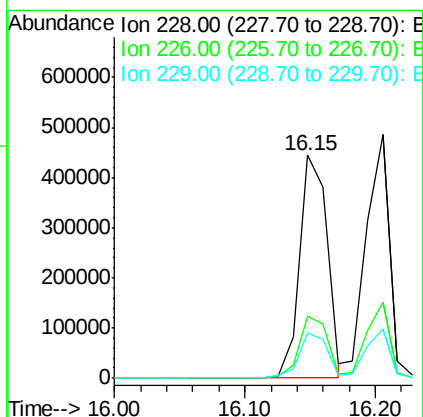
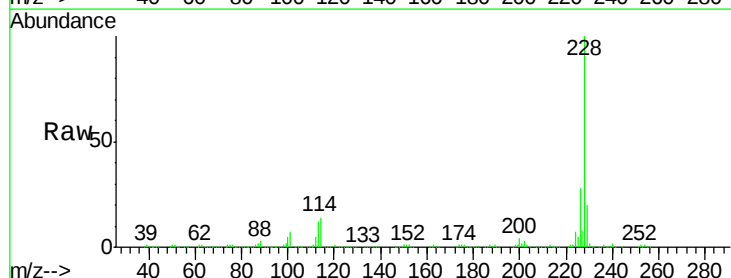
Instrument :
BNA_F
ClientSampleId :
SB-39SMSD

Tot Ion:149 Resp: 270443
Ion Ratio Lower Upper
149 100
91 68.7 56.2 84.2
206 18.2 15.2 22.8



#80
Benzo(a)anthracene
Concen: 59.07 ng
RT: 16.15 min Scan# 1309
Delta R.T. -0.08 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Tgt Ion:228 Resp: 646786
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.1 16.1 24.1

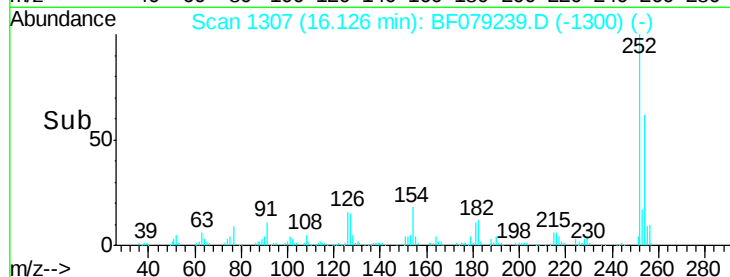
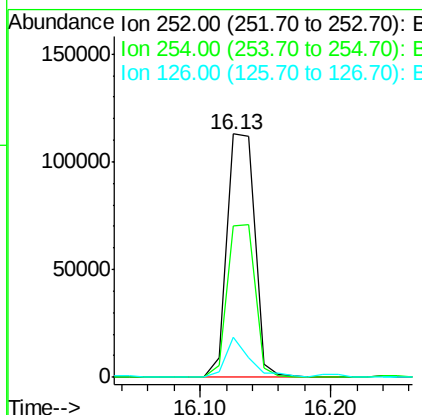
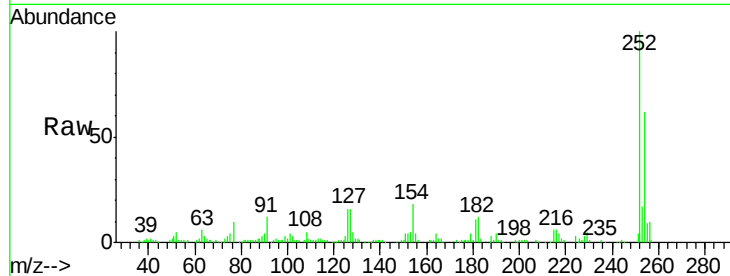




#81
 3,3'-Dichlorobenzidine
 Concen: 42.72 ng
 RT: 16.13 min Scan# 1307
 Delta R.T. -0.08 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

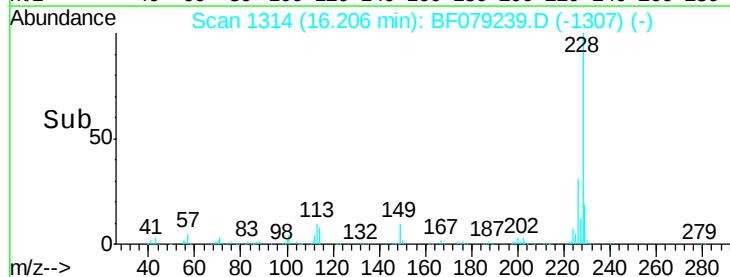
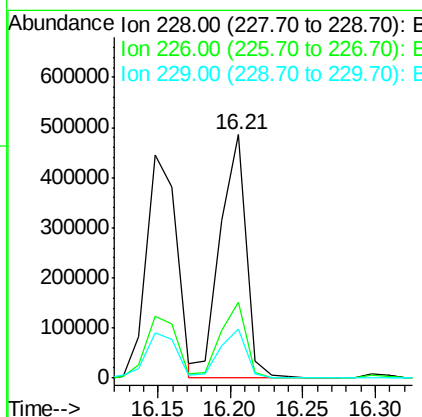
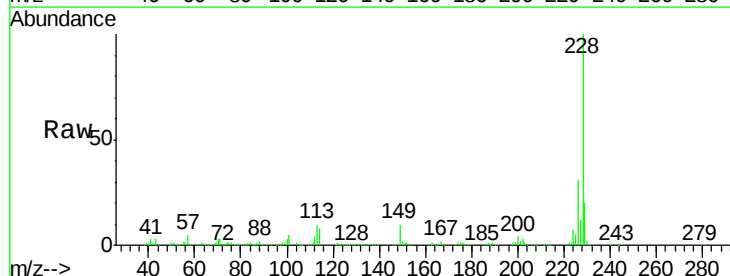
Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMSD

Tot Ion:252 Resp: 166601
 Ion Ratio Lower Upper
 252 100
 254 62.2 52.2 78.2
 126 16.2 6.6 9.8#



#82
 Chrysene
 Concen: 57.03 ng
 RT: 16.21 min Scan# 1314
 Delta R.T. -0.08 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Tgt Ion:228 Resp: 600561
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.8 37.2
 229 20.3 16.1 24.1

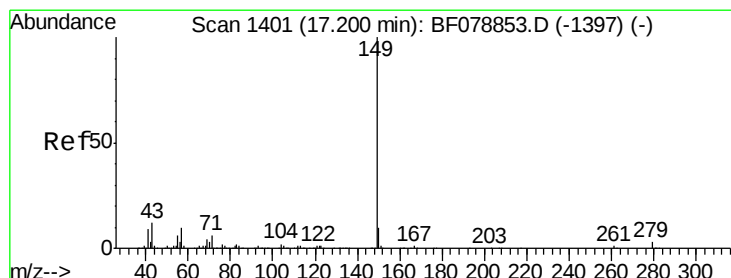
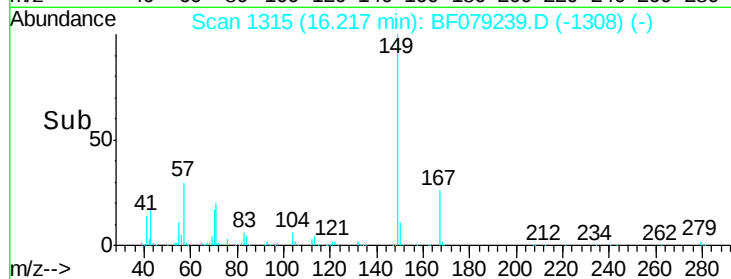
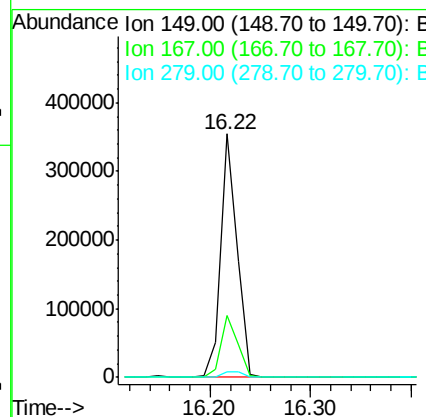
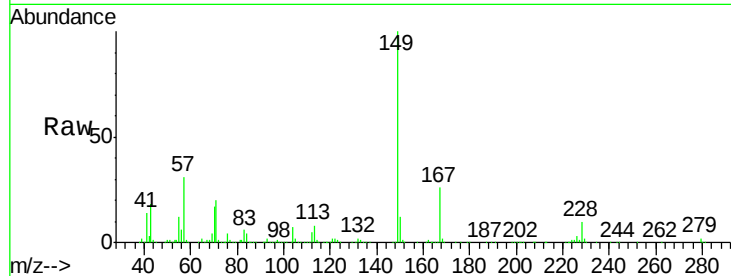




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.40 ng
 RT: 16.22 min Scan# 1315
 Delta R.T. -0.09 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

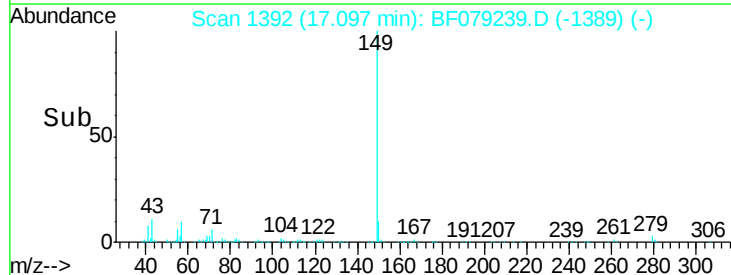
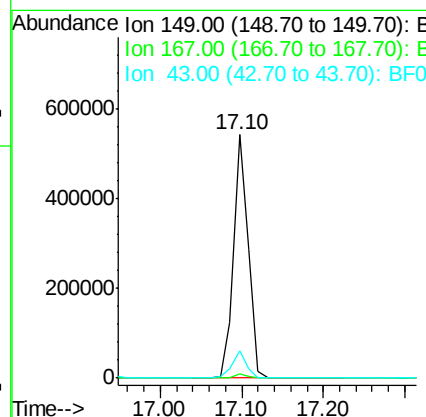
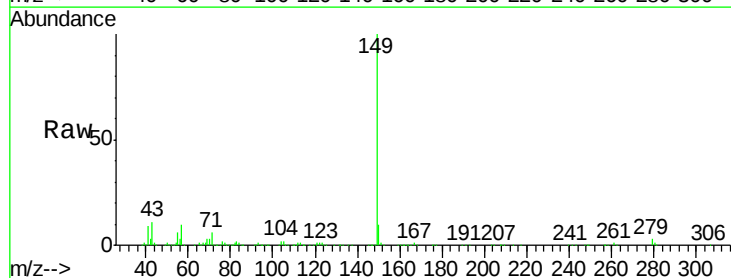
Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMSD

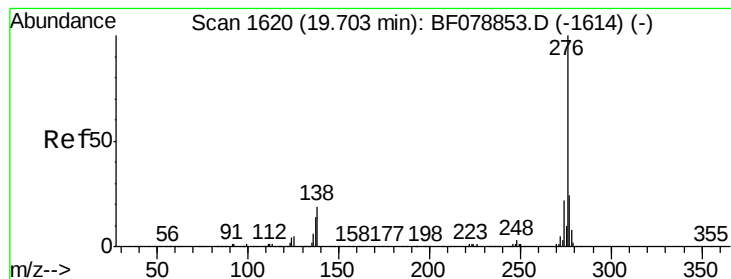
Tot Ion:149 Resp: 399738
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.2 31.8
 279 2.3 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 49.99 ng
 RT: 17.10 min Scan# 1392
 Delta R.T. -0.15 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Tgt Ion:149 Resp: 671674
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.2 9.0 13.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 57.85 ng/ml

RT: 19.58 min Scan# 1609

Delta R.T. -0.25 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

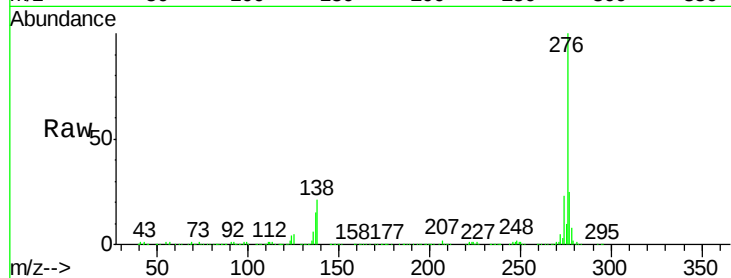
Tot Ion:276 Resp: 776254

Ion Ratio Lower Upper

276 100

138 0.0 21.1 31.7#

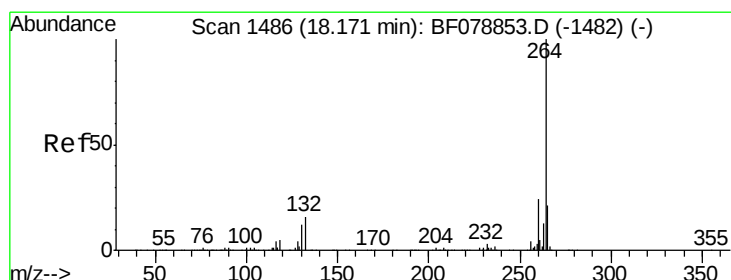
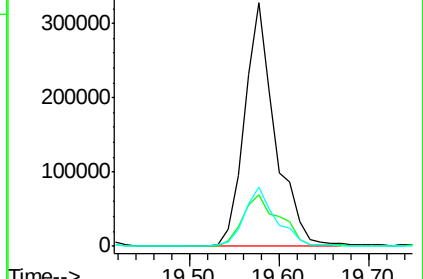
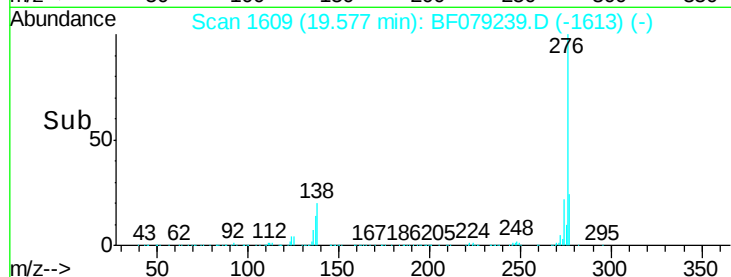
277 0.0 19.9 29.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.09 min Scan# 1479

Delta R.T. -0.21 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

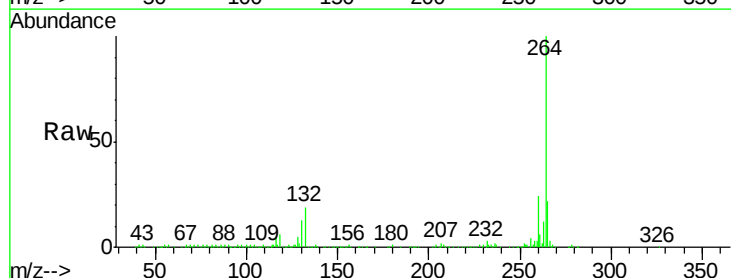
Tgt Ion:264 Resp: 223173

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

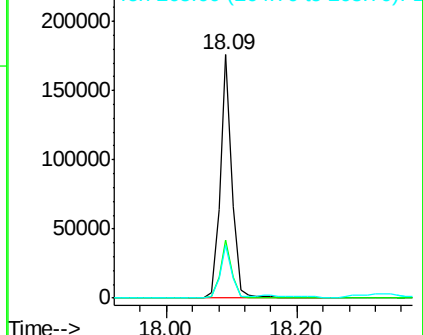
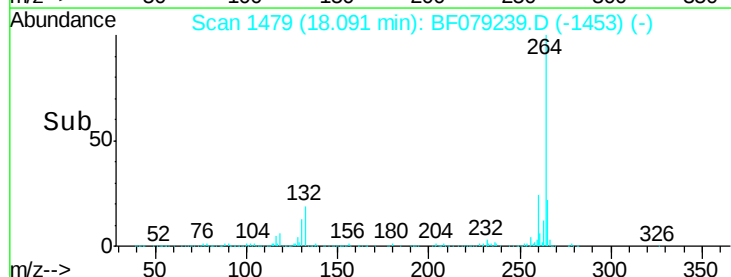
265 21.7 17.2 25.8

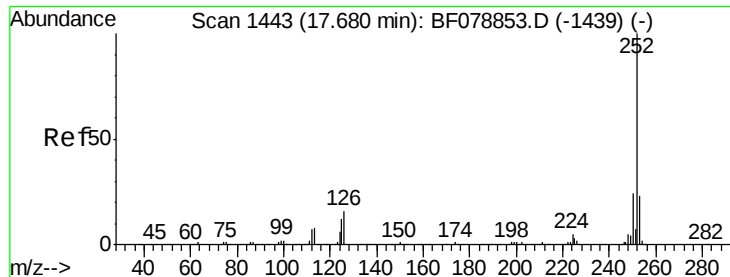


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

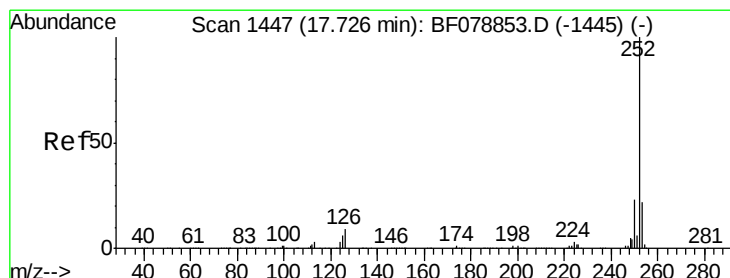
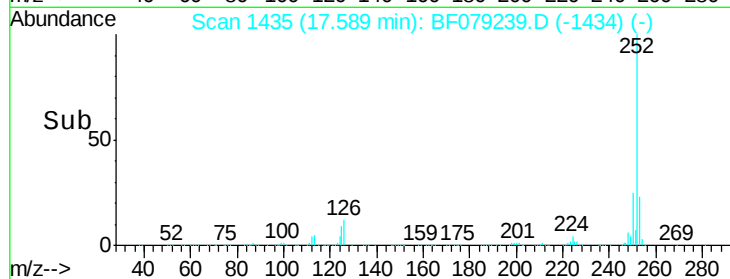
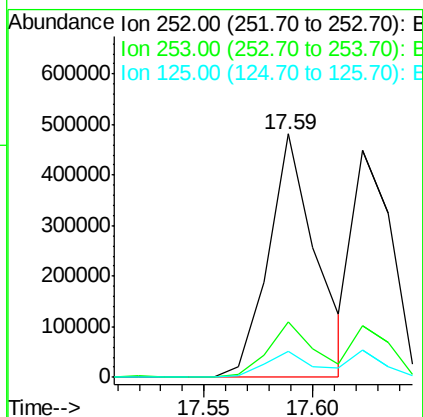
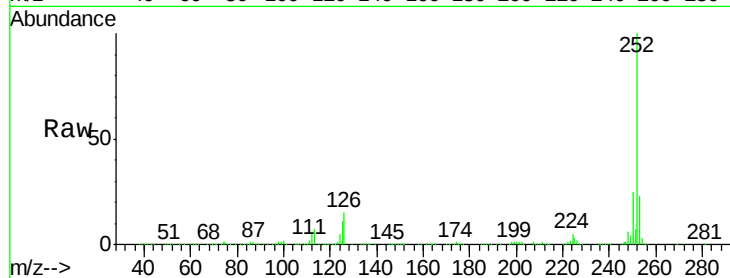




#87
Benzo(b)fluoranthene
Concen: 60.11 ng
RT: 17.59 min Scan# 1435
Delta R.T. -0.17 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

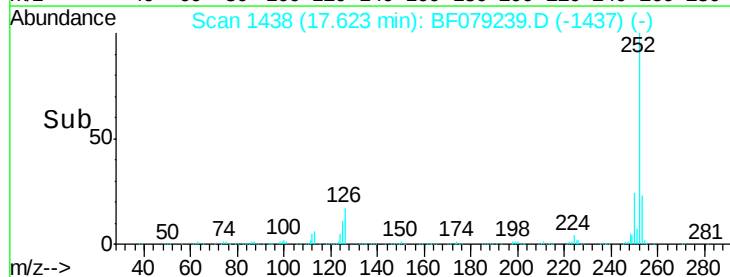
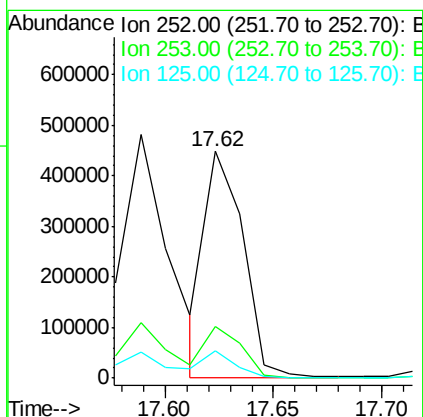
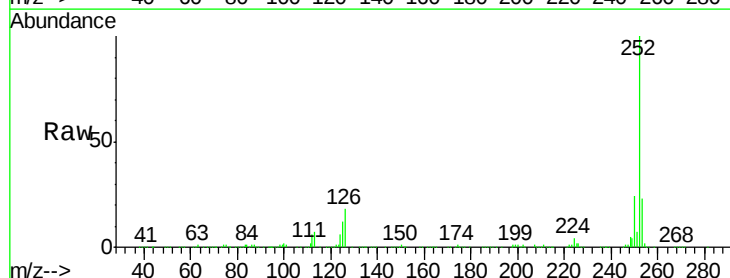
Instrument :
BNA_F
ClientSampleId :
SB-39SMSD

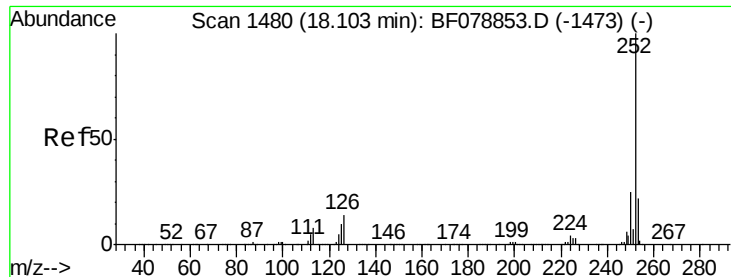
Tot Ion:252 Resp: 734294
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 10.9 9.4 14.2



#88
Benzo(k)fluoranthene
Concen: 47.17 ng m
RT: 17.62 min Scan# 1438
Delta R.T. -0.17 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Tgt Ion:252 Resp: 557817
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 12.1 6.1 9.1#





#89

Benzo(a)pyrene

Concen: 56.66 ng

RT: 18.02 min Scan# 1473

Delta R.T. -0.19 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

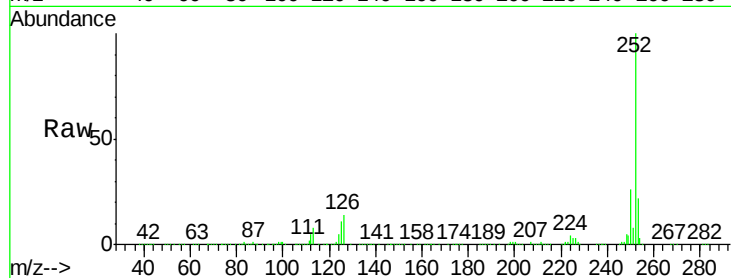
Tot Ion:252 Resp: 637317

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

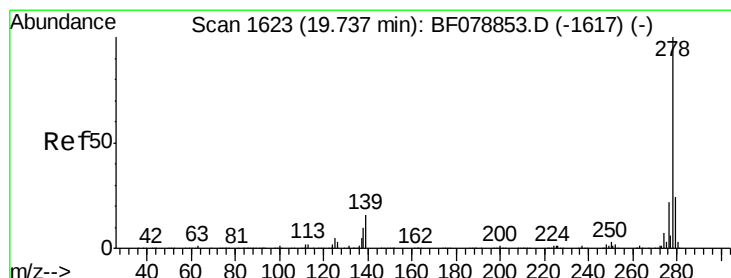
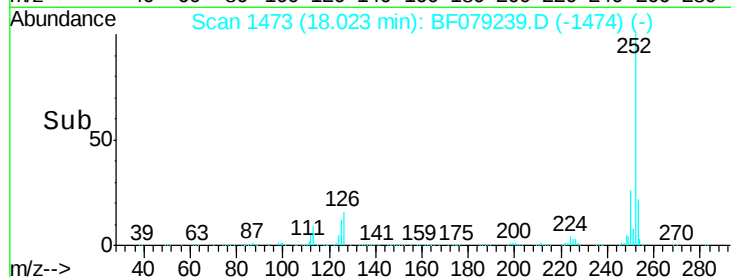
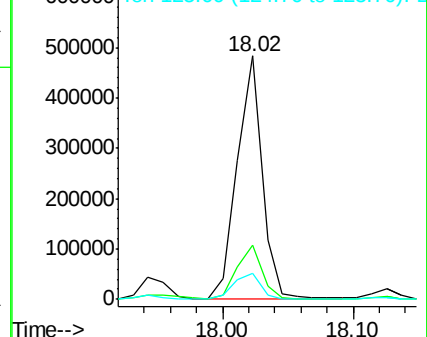
125 10.5 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.56 ng

RT: 19.61 min Scan# 1612

Delta R.T. -0.25 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

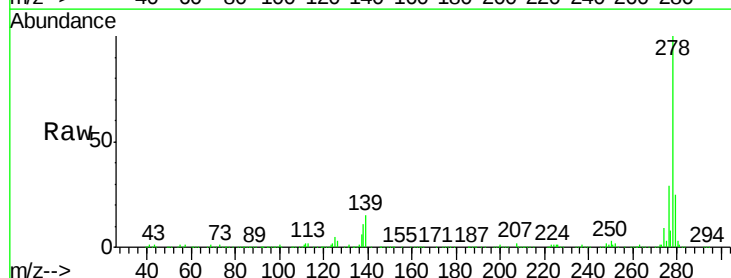
Tgt Ion:278 Resp: 604420

Ion Ratio Lower Upper

278 100

139 15.4 13.1 19.7

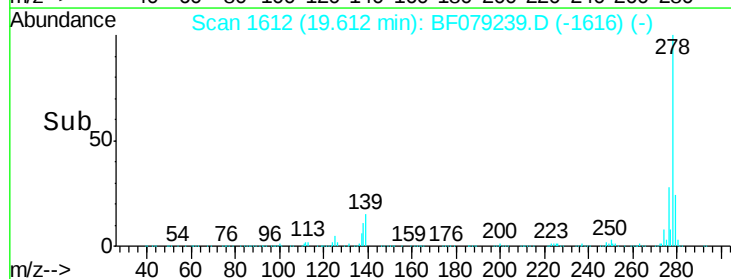
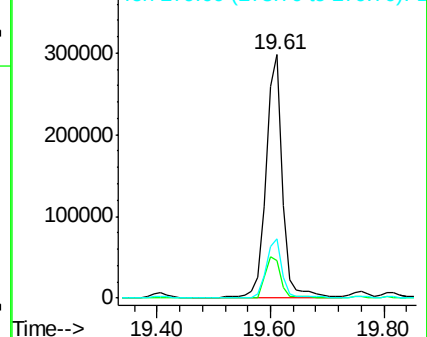
279 24.5 19.1 28.7

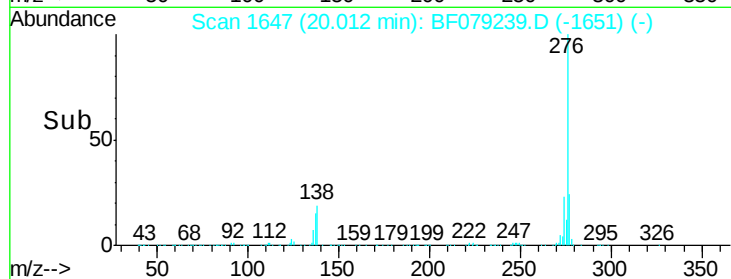
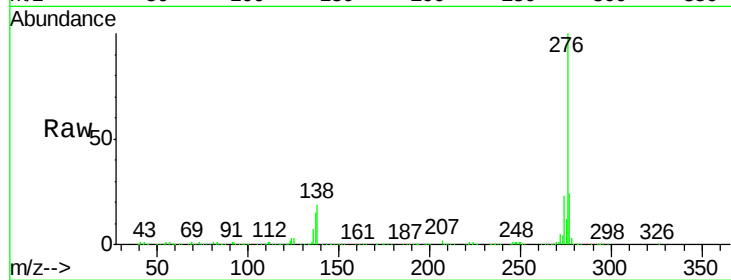
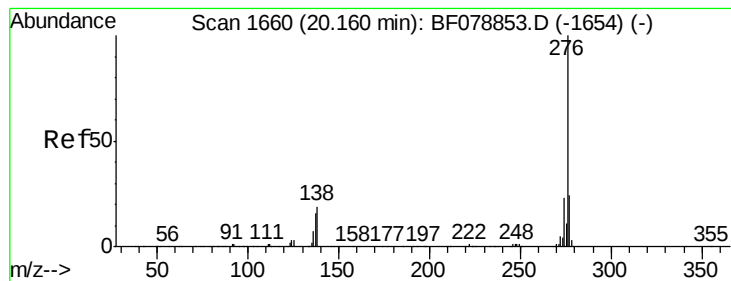


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 54.51 ng

RT: 20.01 min Scan# 1647

Delta R.T. -0.25 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

Tot Ion: 276 Resp: 653124

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 18.9 15.2 22.8

