

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031015\
 Data File : BF077659.D
 Acq On : 10 Mar 2015 14:20
 Operator : TP/IZ
 Sample : PB81894BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BS

Quant Time: Mar 11 00:10:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	53337	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	215875	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	109622	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	216875	20.00	ng	0.00
75) Chrysene-d12	16.06	240	233608	20.00	ng	-0.03
86) Perylene-d12	17.80	264	225375	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	242054	75.76	ng	0.00
7) Phenol-d6	6.75	99	315860	76.89	ng	0.00
23) Nitrobenzene-d5	7.88	82	235238	67.76	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	84506	80.06	ng	0.00
44) 2-Fluorobiphenyl	10.11	172	533296	75.86	ng	0.00
78) Terphenyl-d14	14.76	244	636889	63.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	46817	34.53	ng	95
3) Pyridine	2.82	79	154345	39.79	ng	90
4) n-Nitrosodimethylamine	2.73	42	69067	40.96	ng	88
6) Aniline	6.77	93	105934	18.66	ng	# 51
8) 2-Chlorophenol	6.92	128	148721	39.46	ng	97
9) Benzaldehyde	6.63	77	17908	7.18	ng	83
10) Phenol	6.77	94	172996	35.49	ng	77
11) bis(2-Chloroethyl)ether	6.88	93	137647	39.30	ng	95
12) 1,3-Dichlorobenzene	7.11	146	154915	37.75	ng	96
13) 1,4-Dichlorobenzene	7.21	146	157436	37.71	ng	99
14) 1,2-Dichlorobenzene	7.39	146	151194	38.07	ng	99
15) Benzyl Alcohol	7.37	79	117079	37.49	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.55	45	180083	35.97	ng	99
17) 2-Methylphenol	7.52	107	118449	40.21	ng	98
18) Hexachloroethane	7.81	117	51052	36.61	ng	# 79
19) n-Nitroso-di-n-propylamine	7.70	70	96200	36.88	ng	98
20) 3+4-Methylphenols	7.71	107	154711	39.87	ng	# 73
22) Acetophenone	7.69	105	200858	39.55	ng	# 81
24) Nitrobenzene	7.90	77	144457	39.55	ng	98
25) Isophorone	8.20	82	270379	39.26	ng	96
26) 2-Nitrophenol	8.29	139	74113	49.51	ng	97
27) 2,4-Dimethylphenol	8.36	122	139974	41.79	ng	99
28) bis(2-Chloroethoxy)methane	8.48	93	168080	38.63	ng	99
29) 2,4-Dichlorophenol	8.59	162	125503	39.92	ng	91
30) 1,2,4-Trichlorobenzene	8.69	180	131814	38.14	ng	99
31) Naphthalene	8.79	128	420637	38.96	ng	99
32) Benzoic acid	8.46	122	78934	48.50	ng	98
33) 4-Chloroaniline	8.87	127	84101	17.52	ng	95
34) Hexachlorobutadiene	8.94	225	74114	37.56	ng	100
35) Caprolactam	9.29	113	40939	42.66	ng	88
36) 4-Chloro-3-methylphenol	9.47	107	128422	40.63	ng	96
37) 2-Methylnaphthalene	9.65	142	291734	38.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	129549	41.19	ng	97
40) Hexachlorocyclopentadiene	9.84	237	131216	77.80	ng	96

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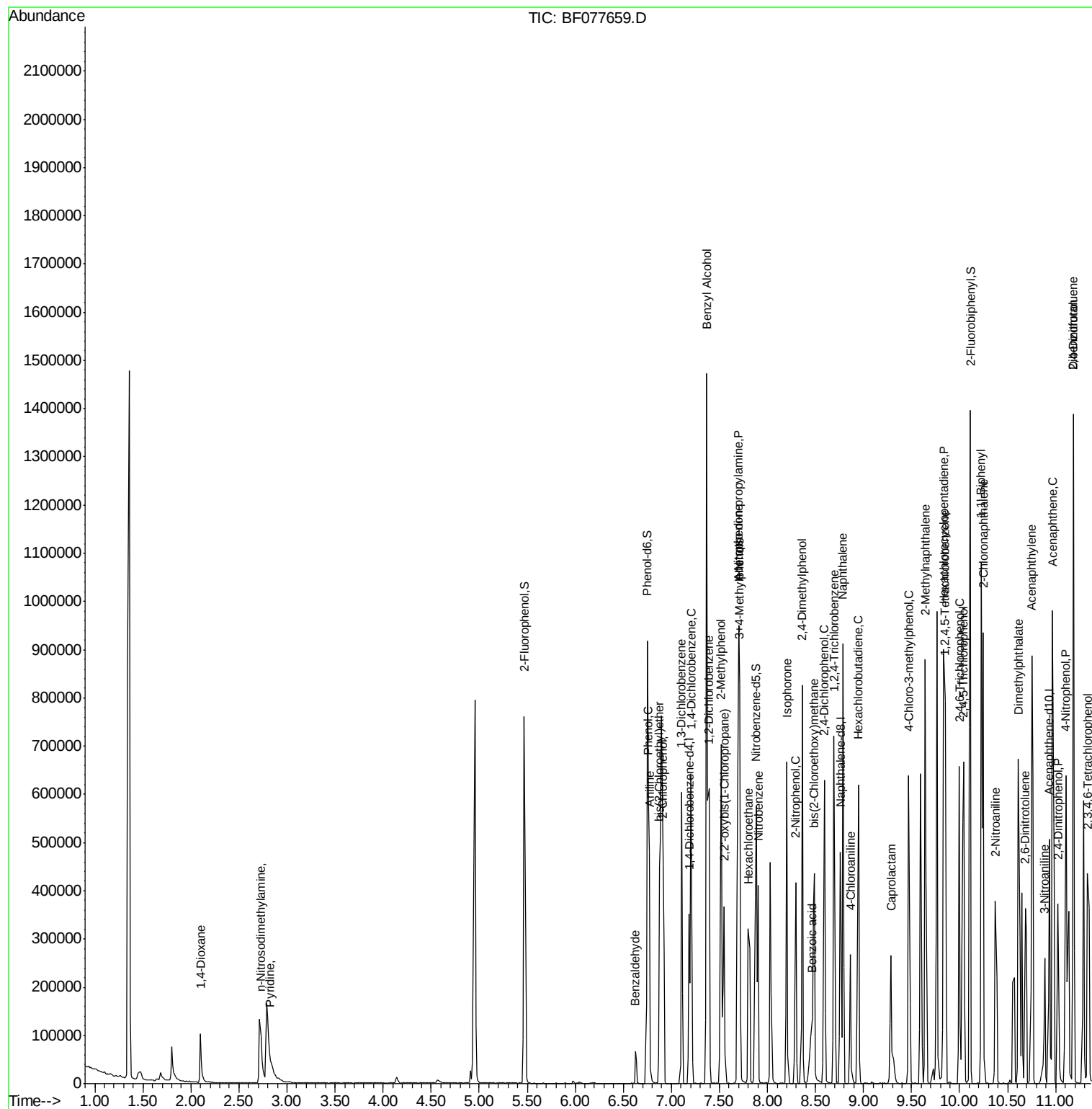
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	92494	44.40	ng	98
43) 2,4,5-Trichlorophenol	10.04	196	102139	45.86	ng #	89
45) 1,1'-Biphenyl	10.23	154	352571	42.45	ng	98
46) 2-Chloronaphthalene	10.25	162	290788	44.64	ng	95
47) 2-Nitroaniline	10.38	65	75023	46.79	ng	96
48) Acenaphthylene	10.76	152	452190	43.85	ng	97
49) Dimethylphthalate	10.62	163	330303	42.87	ng	99
50) 2,6-Dinitrotoluene	10.69	165	73628	47.65	ng	98
51) Acenaphthene	10.97	154	255048	41.45	ng	99
52) 3-Nitroaniline	10.89	138	46504	26.10	ng	89
53) 2,4-Dinitrophenol	11.02	184	57553	122.40	ng #	89
54) Dibenzofuran	11.19	168	409766	43.13	ng	99
55) 4-Nitrophenol	11.11	139	122421	85.43	ng #	67
56) 2,4-Dinitrotoluene	11.18	165	104575	50.08	ng #	91
57) Fluorene	11.61	166	327442	43.11	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.34	232	81032	45.25	ng	98
59) Diethylphthalate	11.49	149	330154	43.46	ng	99
60) 4-Chlorophenyl-phenylether	11.62	204	157409	43.01	ng	94
61) 4-Nitroaniline	11.64	138	75548	44.24	ng	91
62) Azobenzene	11.82	77	304839	42.29	ng	96
64) 4,6-Dinitro-2-methylphenol	11.68	198	38407	44.66	ng	99
65) n-Nitrosodiphenylamine	11.77	169	294434	40.92	ng	100
66) 4-Bromophenyl-phenylether	12.23	248	96117	37.85	ng	97
67) Hexachlorobenzene	12.28	284	99814	36.62	ng	96
68) Atrazine	12.44	200	92769	39.65	ng	99
69) Pentachlorophenol	12.54	266	118265	82.55	ng	99
70) Phenanthrene	12.80	178	493220	39.24	ng	99
71) Anthracene	12.86	178	509726	40.86	ng	99
72) Carbazole	13.07	167	485052	40.90	ng	99
73) Di-n-butylphthalate	13.52	149	557779	40.05	ng #	98
74) Fluoranthene	14.27	202	549711	40.03	ng	98
76) Benzidine	14.46	184	188681	23.91	ng	98
77) Pyrene	14.55	202	578325	40.47	ng	99
79) Butylbenzylphthalate	15.38	149	247057	42.02	ng #	86
80) Benzo(a)anthracene	16.04	228	547351	39.98	ng	99
81) 3,3'-Dichlorobenzidine	16.02	252	129133	25.74	ng #	97
82) Chrysene	16.09	228	511491	39.79	ng	99
83) Bis(2-ethylhexyl)phthalate	16.11	149	353231	37.47	ng	99
84) Di-n-octyl phthalate	16.91	149	619291	39.35	ng	96
87) Benzo(b)fluoranthene	17.35	252	590400	45.05	ng #	95
88) Benzo(k)fluoranthene	17.35	252	590400	45.97	ng	100
89) Benzo(a)pyrene	17.73	252	527073	42.23	ng	98
90) Dibenzo(a,h)anthracene	19.23	278	512696	43.07	ng	99
91) Benzo(g,h,i)perylene	19.62	276	570641	47.49	ng	97

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

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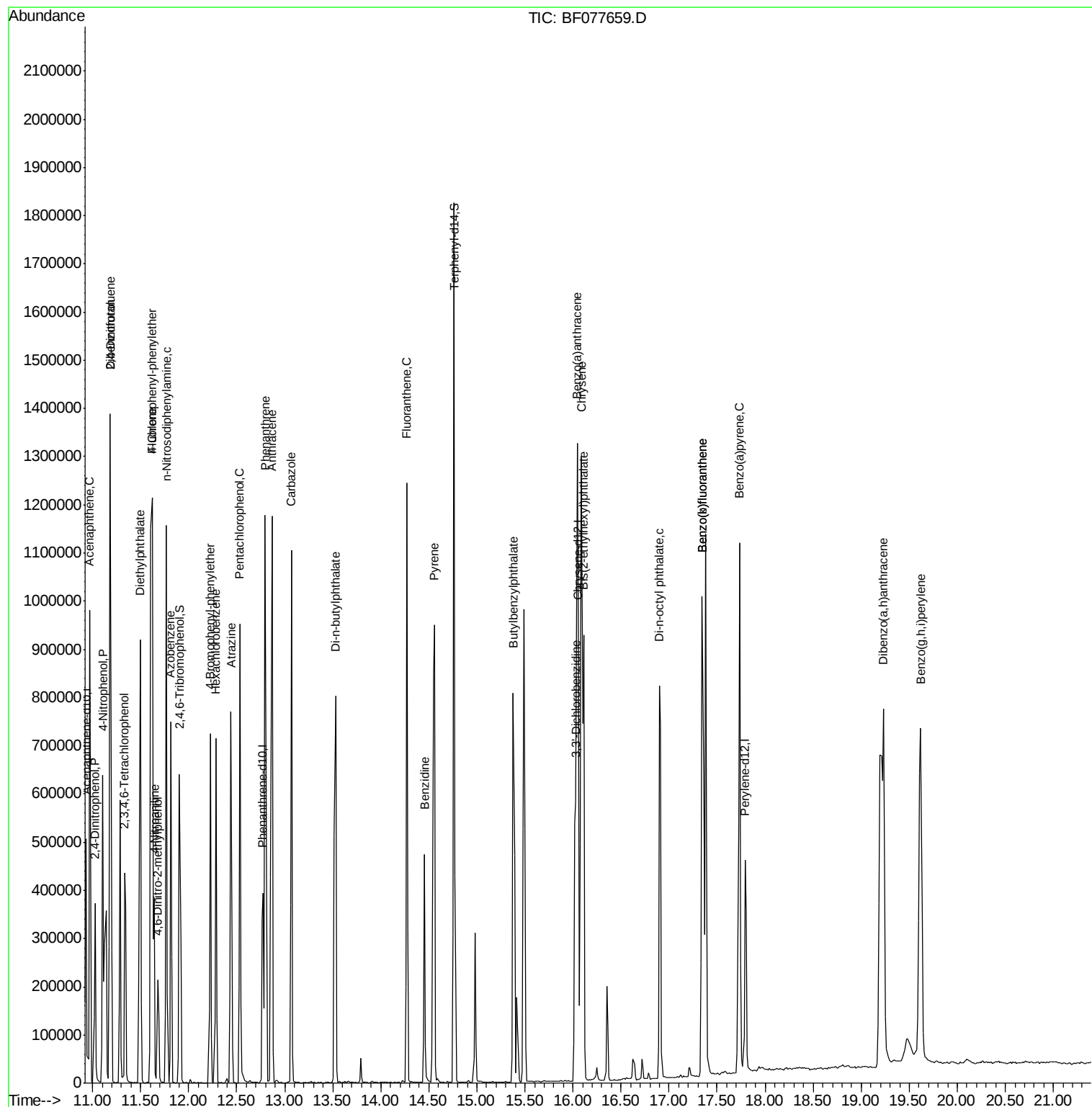
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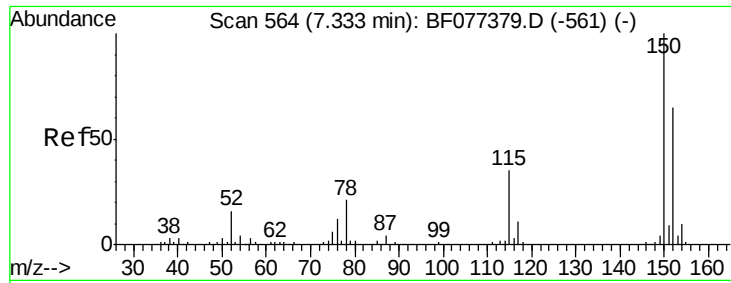


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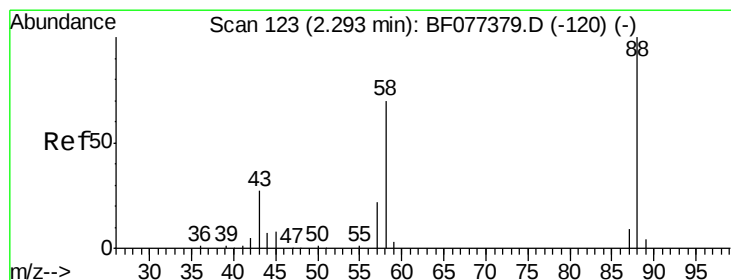
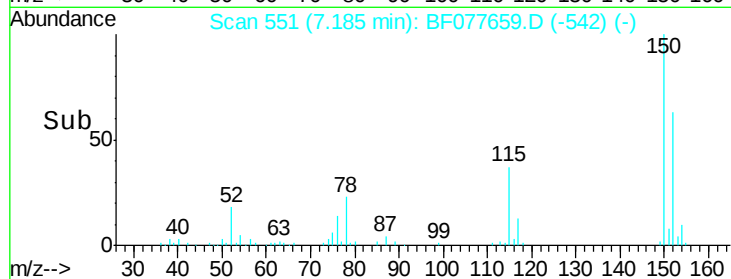
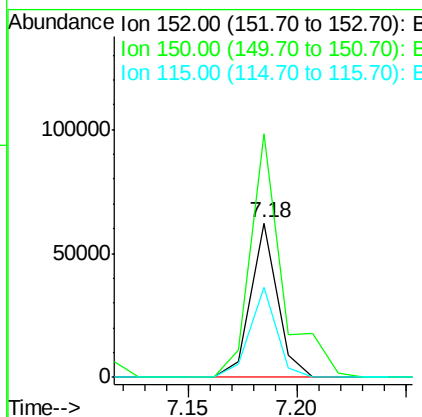
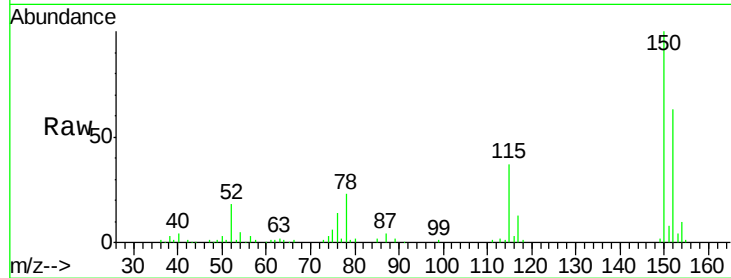




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

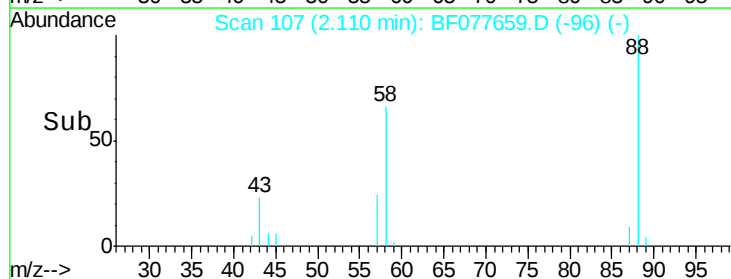
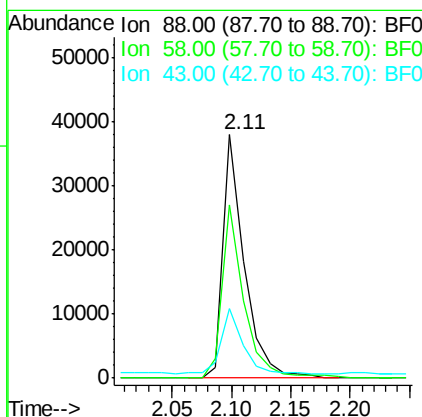
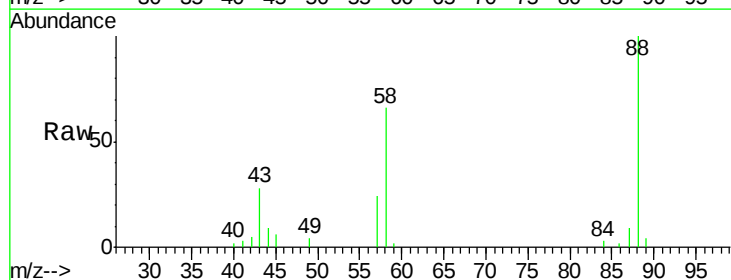
Instrument :
 BNA_F
 ClientSampleId :
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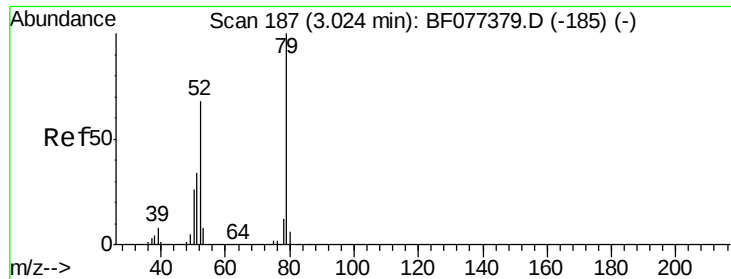
Tgt Ion:152 Resp: 53337
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.0 186.0
 115 58.3 49.4 74.2



#2
 1,4-Dioxane
 Concen: 34.53 ng
 RT: 2.11 min Scan# 107
 Delta R.T. 0.02 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Tgt Ion: 88 Resp: 46817
 Ion Ratio Lower Upper
 88 100
 58 73.4 62.1 93.1
 43 27.6 24.0 36.0





#3

Pyridine

Concen: 39.79 ng

RT: 2.82 min Scan# 169

Delta R.T. 0.01 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB81894BS

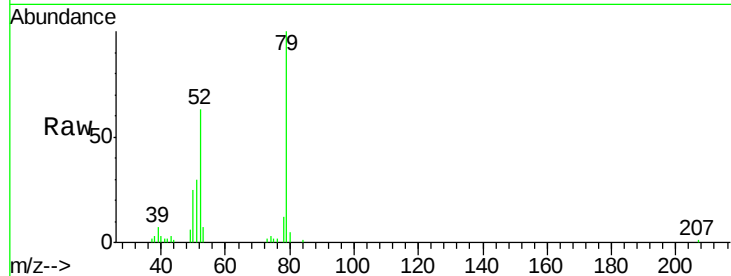
Tgt Ion: 79 Resp: 154345

Ion Ratio Lower Upper

79 100

52 63.4 57.7 86.5

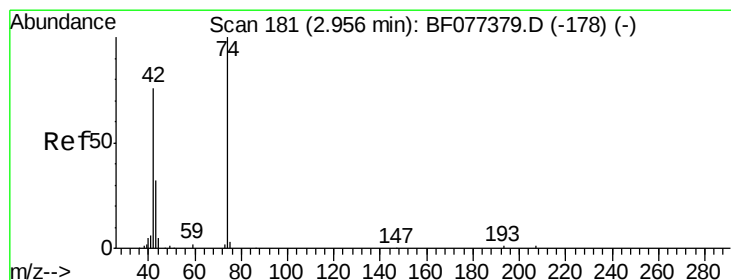
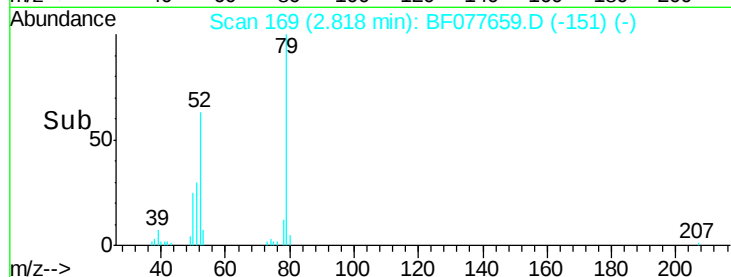
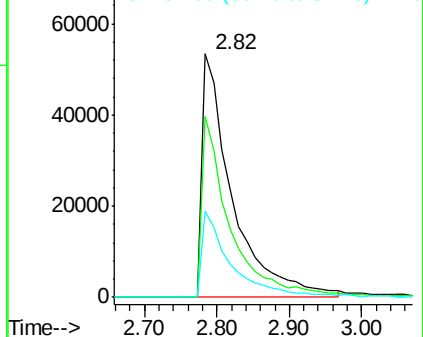
51 30.4 28.5 42.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.96 ng

RT: 2.73 min Scan# 161

Delta R.T. 0.02 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

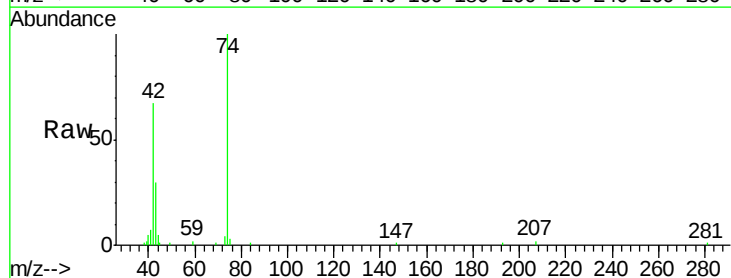
Tgt Ion: 42 Resp: 69067

Ion Ratio Lower Upper

42 100

74 149.3 107.1 160.7

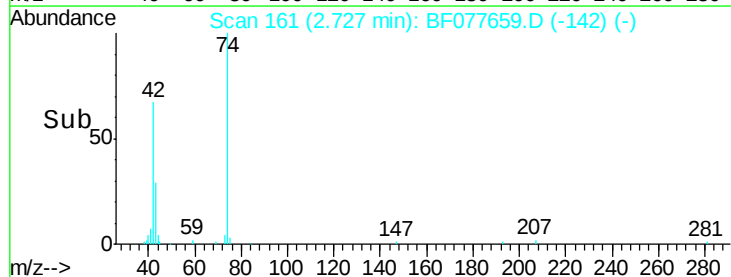
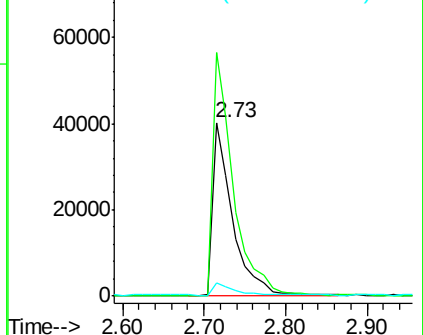
44 7.9 6.7 10.1

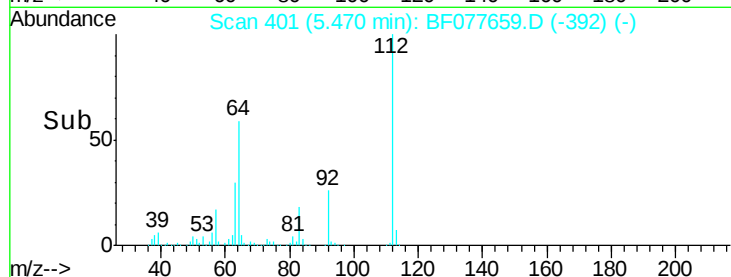
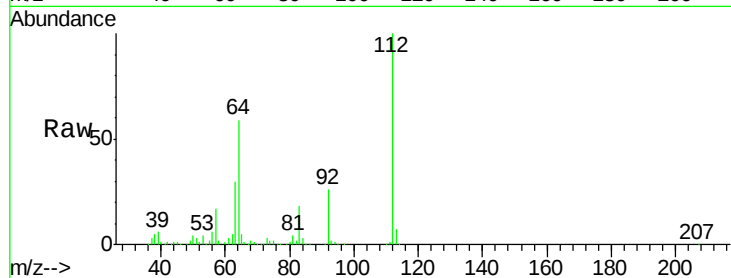
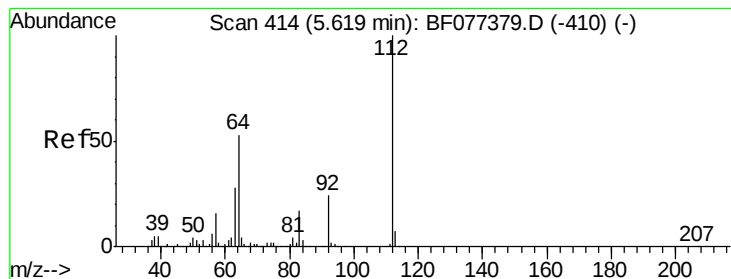


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 75.76 ng

RT: 5.47 min Scan# 401

Delta R.T. 0.00 min

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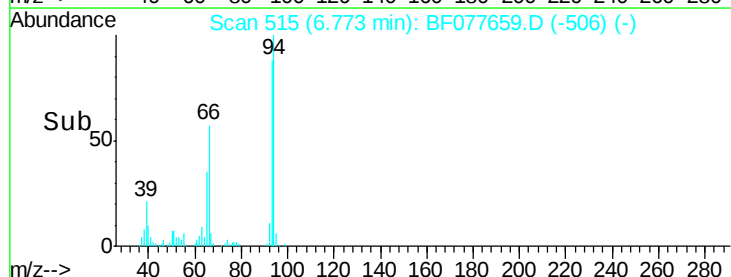
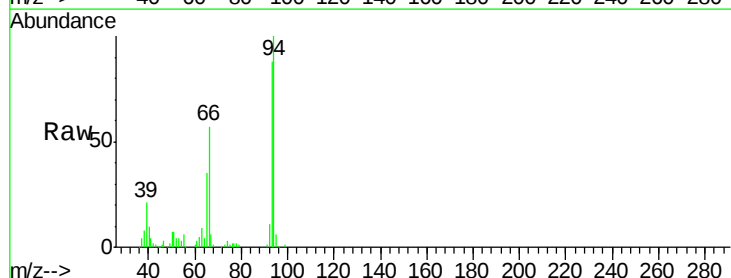
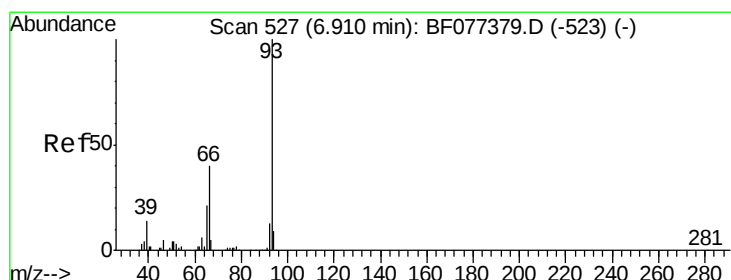
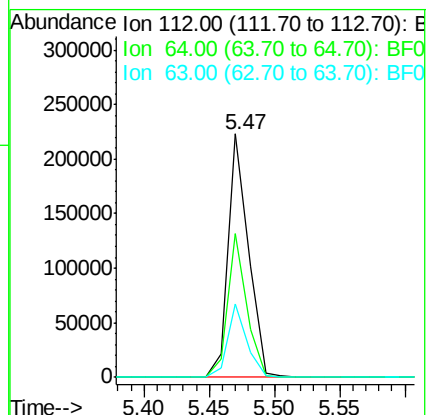
Tgt Ion: 112 Resp: 242054

Ion Ratio Lower Upper

112 100

64 59.0 48.5 72.7

63 30.3 25.0 37.4



#6

Aniline

Concen: 18.66 ng

RT: 6.77 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

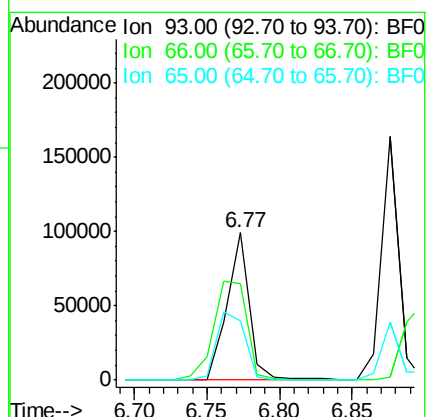
Tgt Ion: 93 Resp: 105934

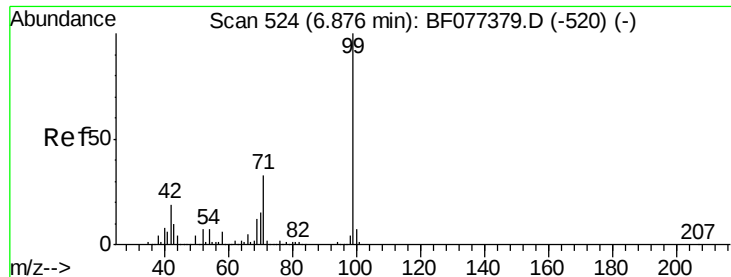
Ion Ratio Lower Upper

93 100

66 65.1 29.1 43.7#

65 40.0 14.6 22.0#





#7

Phenol-d6

Concen: 76.89 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

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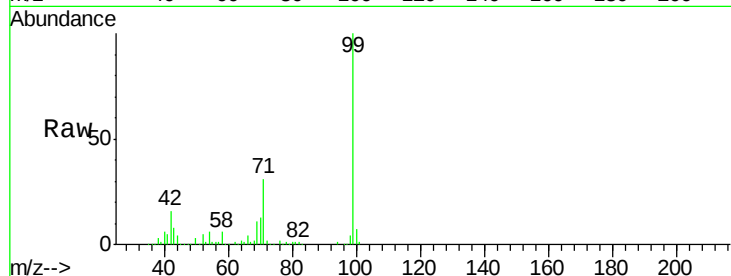
Tgt Ion: 99 Resp: 315860

Ion Ratio Lower Upper

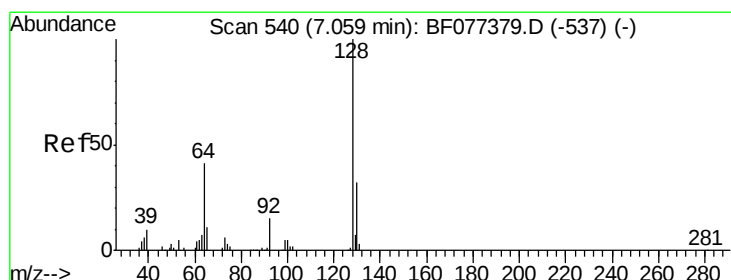
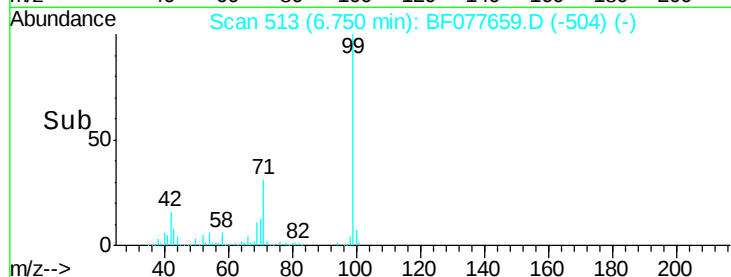
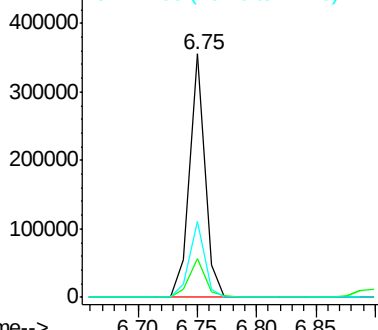
99 100

42 15.8 16.2 24.4#

71 31.3 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.46 ng

RT: 6.92 min Scan# 527

Delta R.T. -0.00 min

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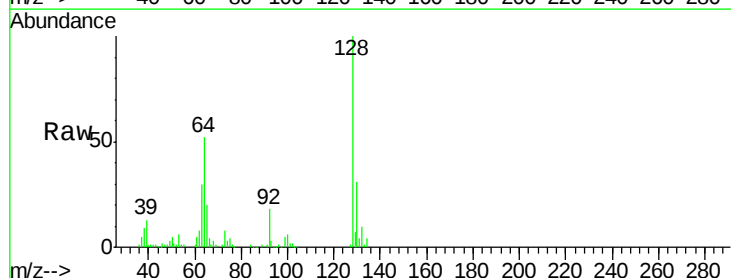
Tgt Ion: 128 Resp: 148721

Ion Ratio Lower Upper

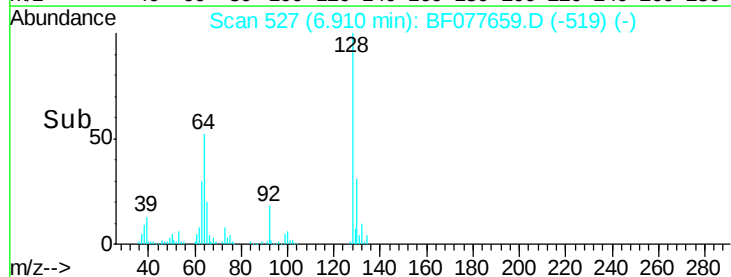
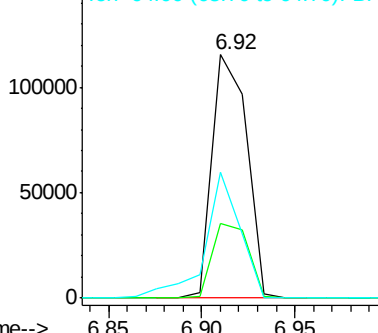
128 100

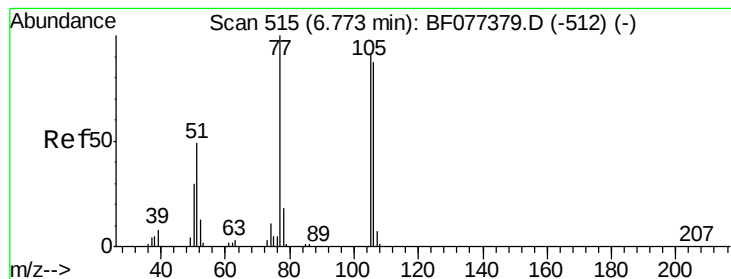
130 30.9 12.0 52.0

64 51.7 29.2 69.2



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: 7.18 ng

RT: 6.63 min Scan# 502

Delta R.T. -0.00 min

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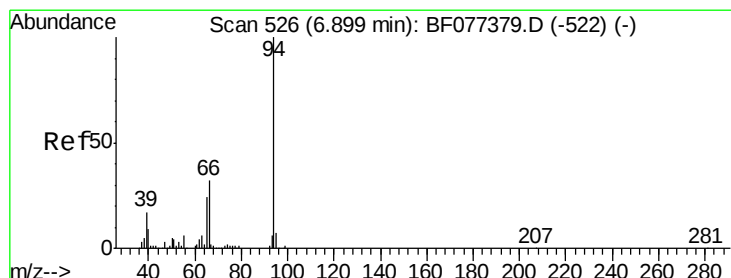
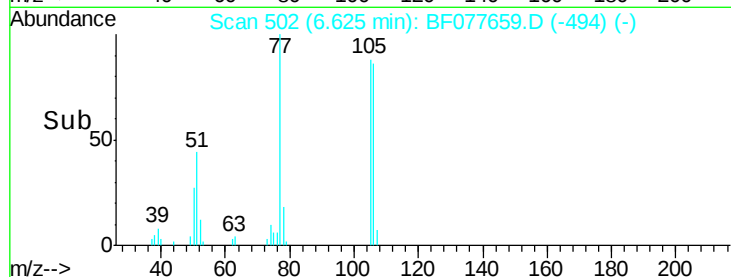
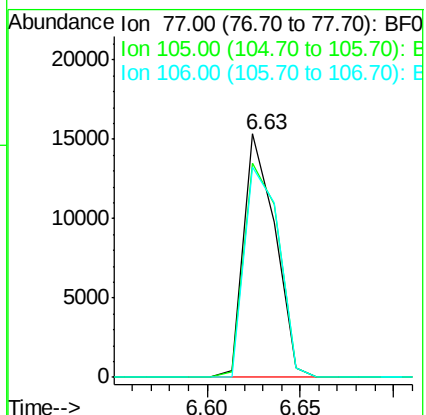
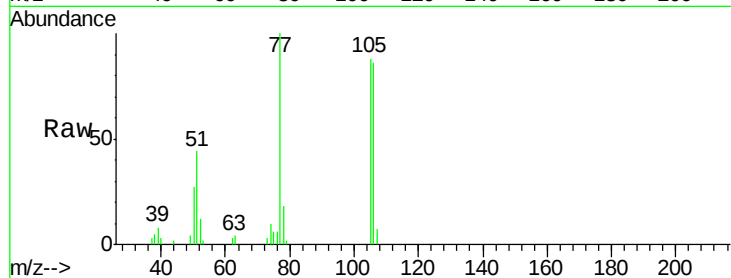
Tgt Ion: 77 Resp: 17908

Ion Ratio Lower Upper

77 100

105 88.0 85.9 125.9

106 86.2 82.9 122.9



#10

Phenol

Concen: 35.49 ng

RT: 6.77 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

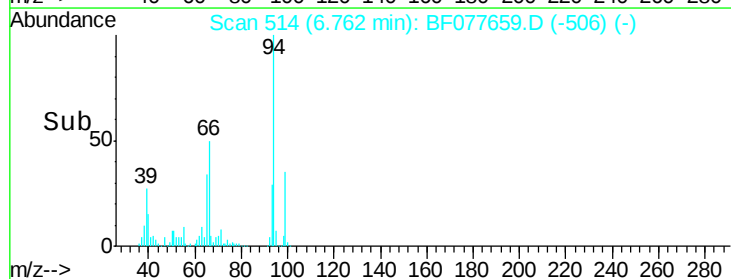
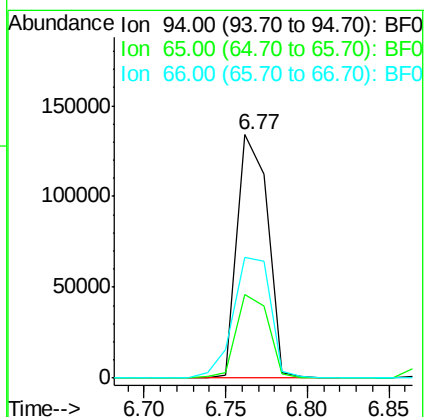
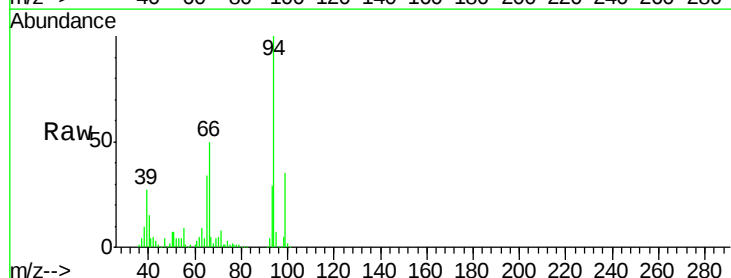
Tgt Ion: 94 Resp: 172996

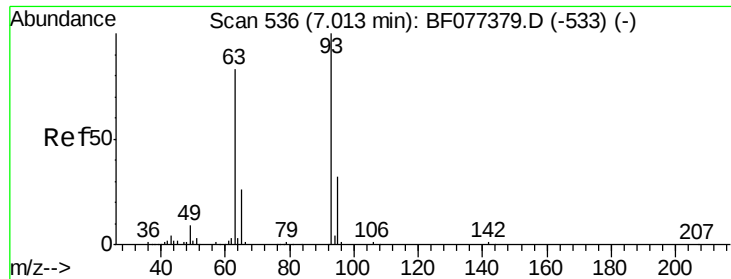
Ion Ratio Lower Upper

94 100

65 34.5 5.7 45.7

66 49.6 13.6 53.6





#11

bis(2-Chloroethyl)ether

Concen: 39.30 ng

RT: 6.88 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB81894BS

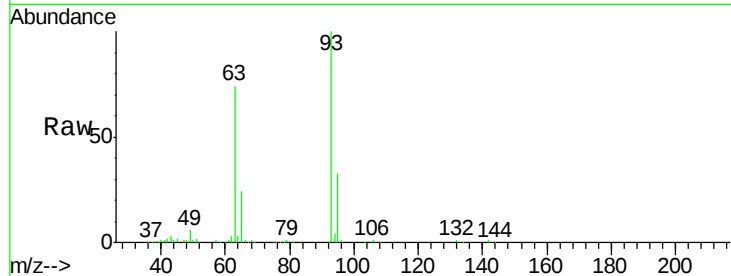
Tgt Ion: 93 Resp: 137647

Ion Ratio Lower Upper

93 100

63 74.0 48.7 88.7

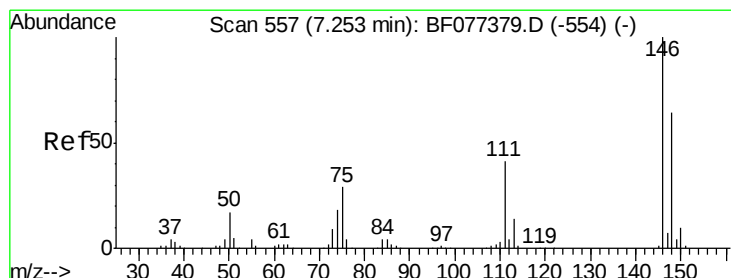
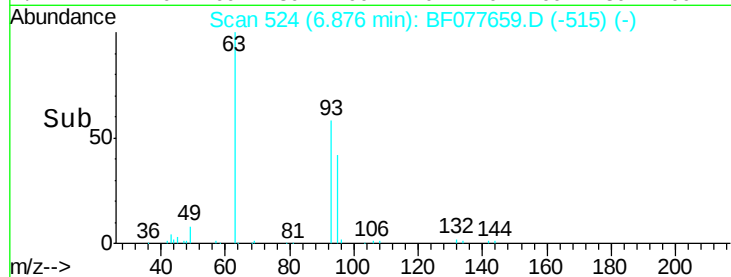
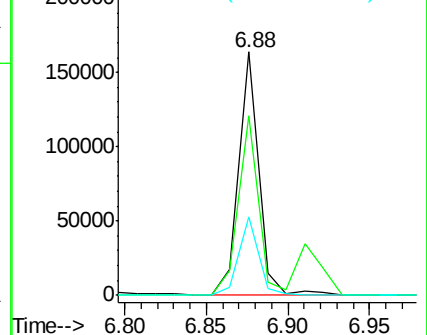
95 32.5 13.6 53.6



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: 37.75 ng

RT: 7.11 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

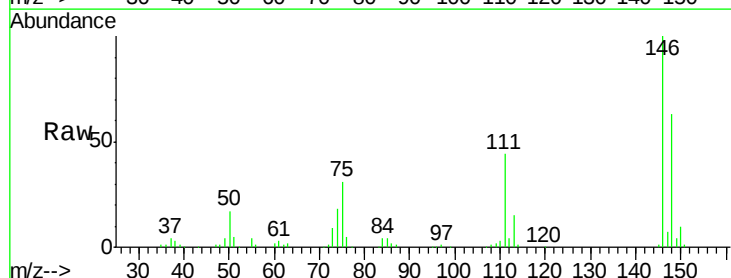
Tgt Ion: 146 Resp: 154915

Ion Ratio Lower Upper

146 100

148 63.4 49.8 74.8

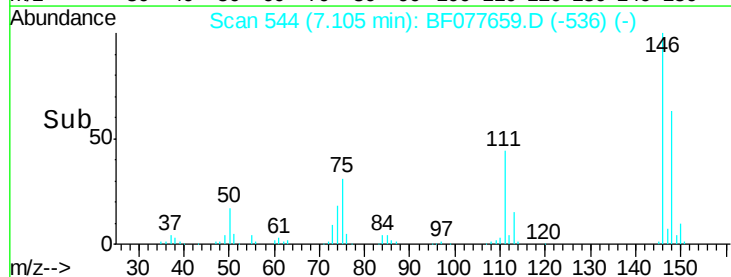
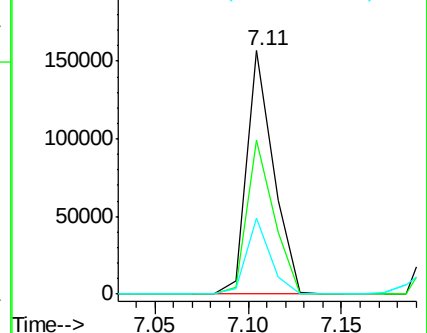
75 31.0 28.2 42.4

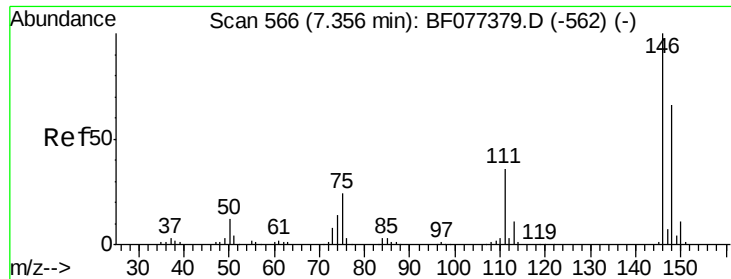


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

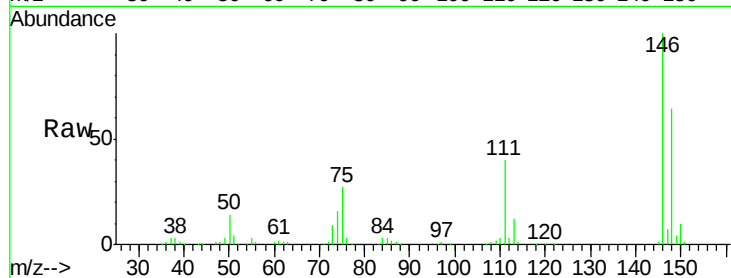




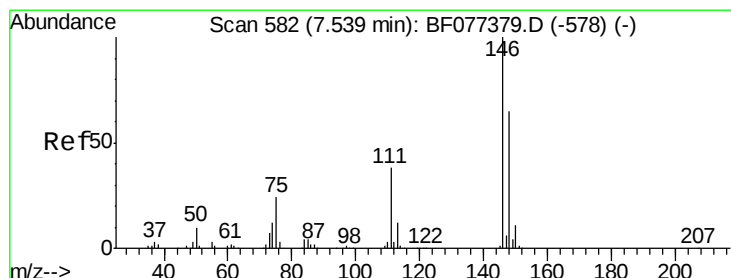
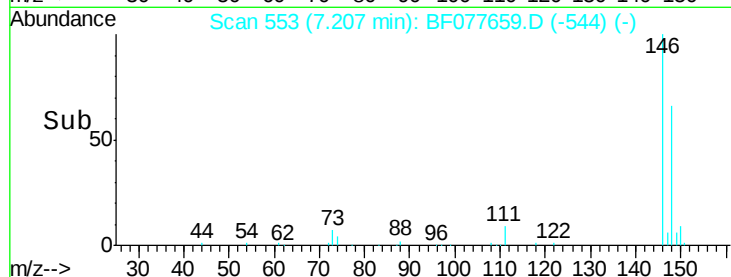
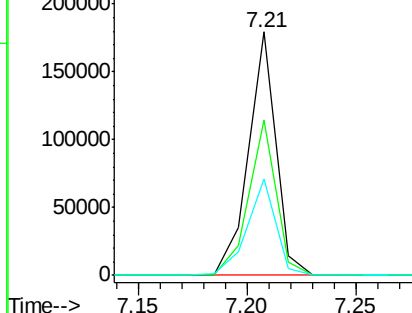
#13
 1,4-Dichlorobenzene
 Concen: 37.71 ng
 RT: 7.21 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BS

Tgt Ion:146 Resp: 157436
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.0 78.0
 111 39.8 31.9 47.9

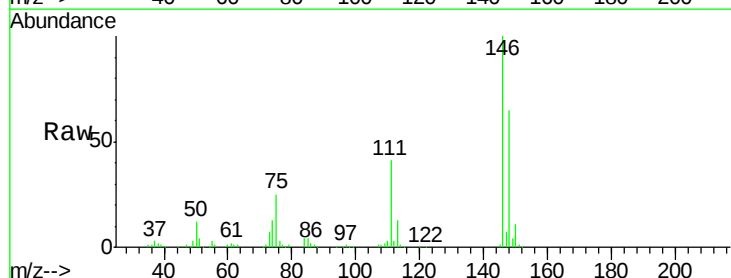


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

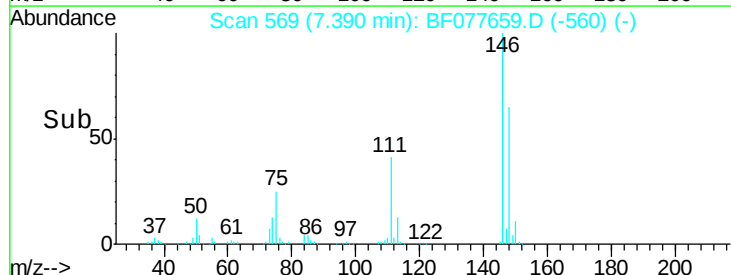
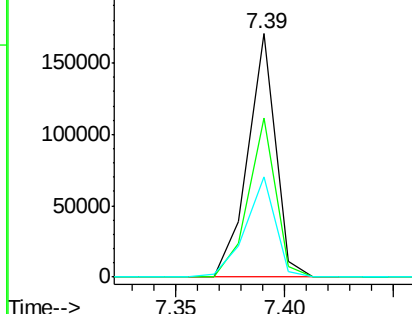


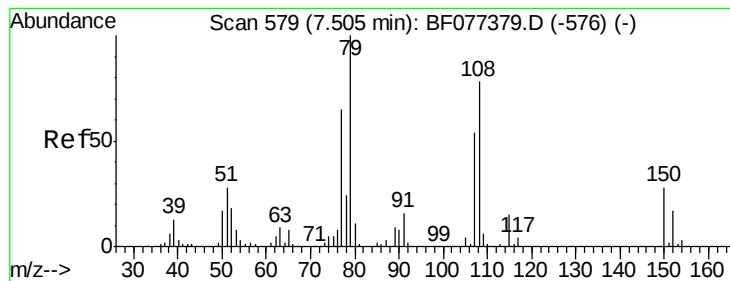
#14
 1,2-Dichlorobenzene
 Concen: 38.07 ng
 RT: 7.39 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Tgt Ion:146 Resp: 151194
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.6 77.4
 111 41.3 34.2 51.2



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





#15

Benzyl Alcohol

Concen: 37.49 ng

RT: 7.37 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB81894BS

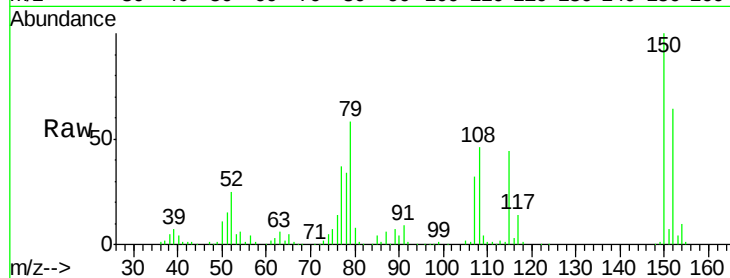
Tgt Ion: 79 Resp: 117079

Ion Ratio Lower Upper

79 100

108 79.7 58.3 87.5

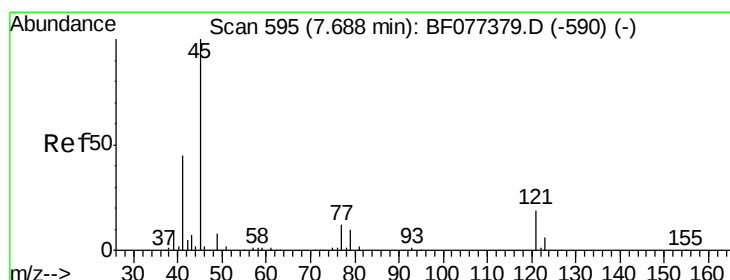
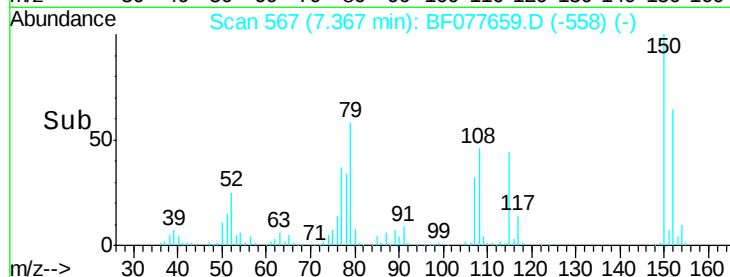
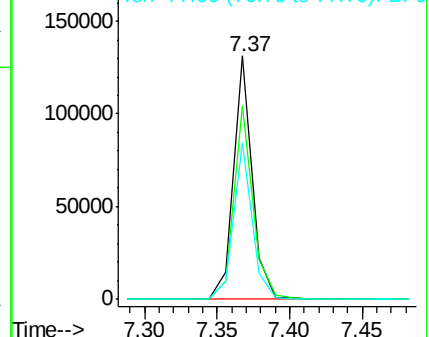
77 64.1 51.3 76.9



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: 35.97 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

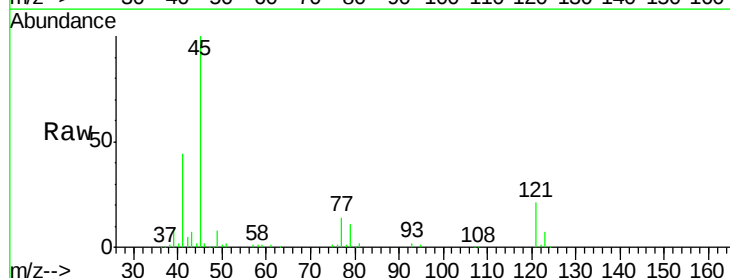
Tgt Ion: 45 Resp: 180083

Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.6

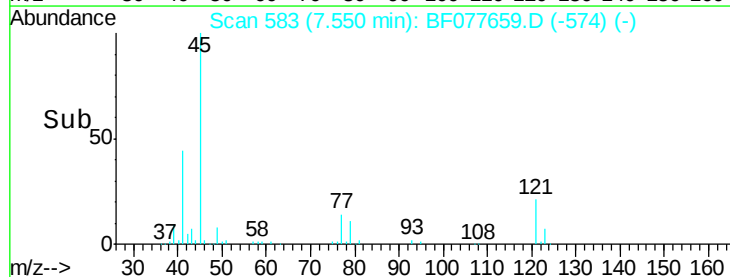
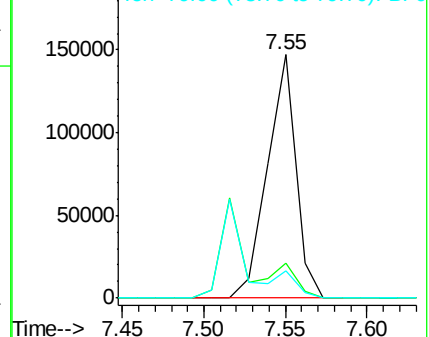
79 11.0 0.0 31.5

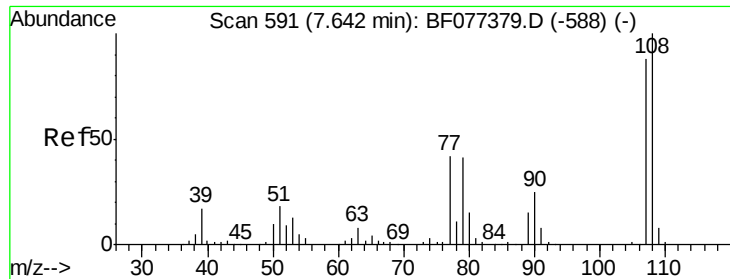


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

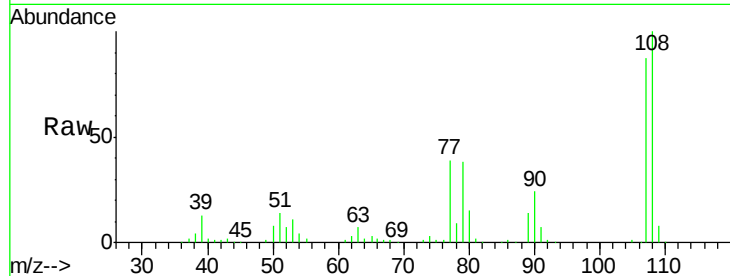




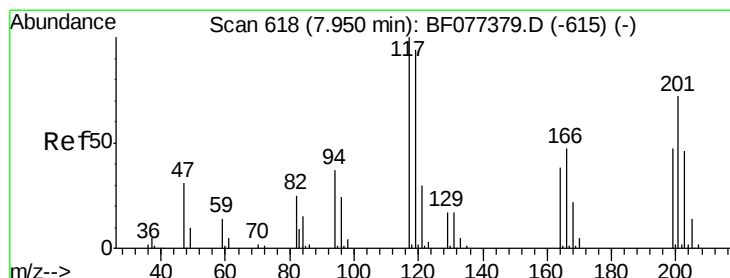
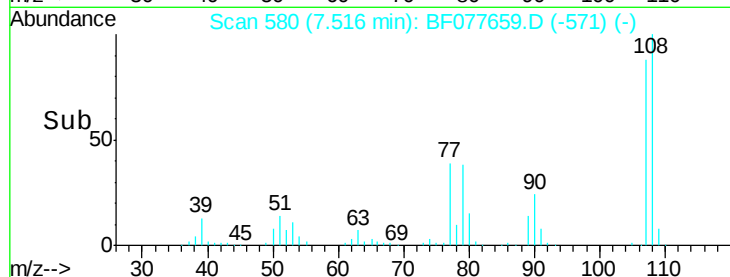
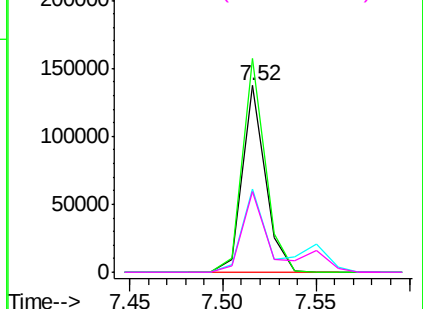
#17
2-Methylphenol
Concen: 40.21 ng
RT: 7.52 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

Instrument :
BNA_F
ClientSampleId :
PB81894BS

Tgt Ion:107 Resp: 118449
Ion Ratio Lower Upper
107 100
108 114.4 91.2 136.8
77 44.4 33.6 50.4
79 43.4 32.1 48.1

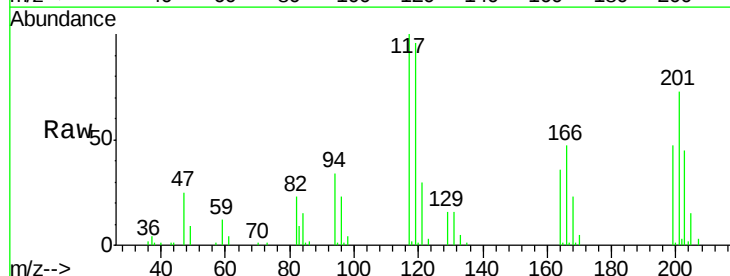


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

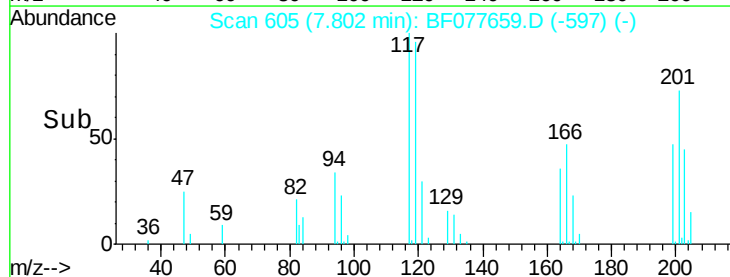
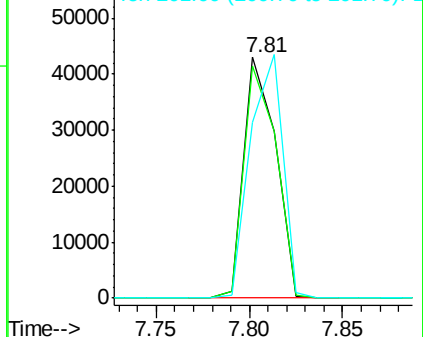


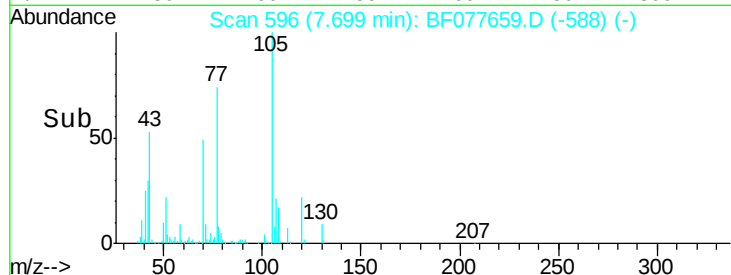
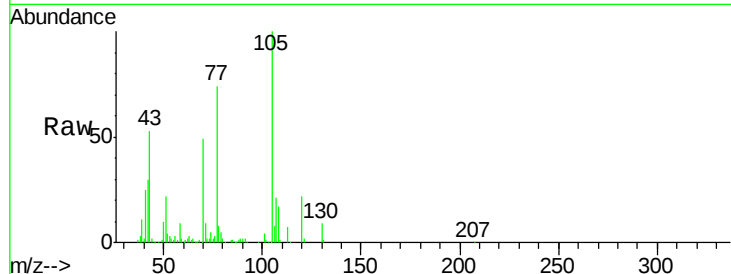
#18
Hexachloroethane
Concen: 36.61 ng
RT: 7.81 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

Tgt Ion:117 Resp: 51052
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.8
201 73.1 90.6 136.0#



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

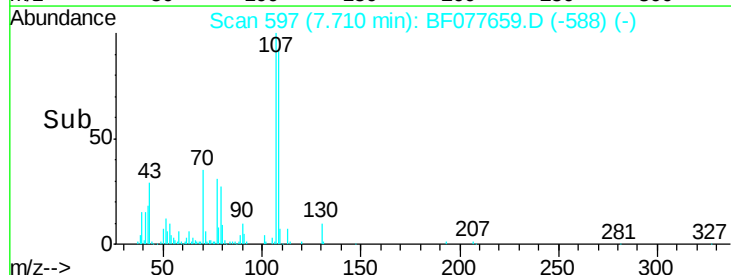
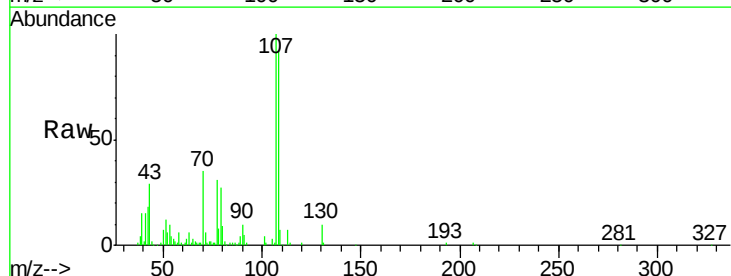
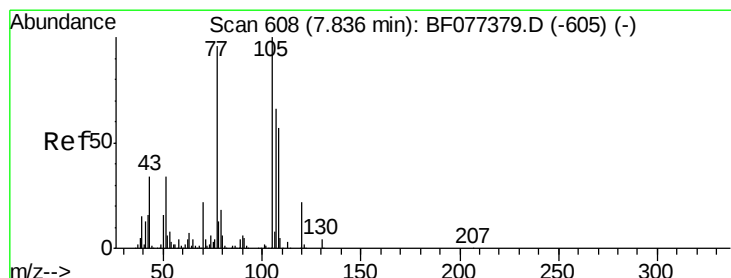
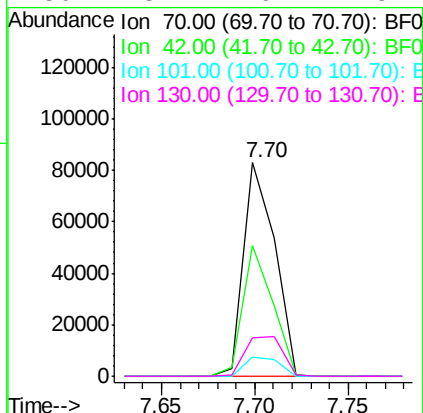




#19
n-Nitroso-di-n-propylamine
Concen: 36.88 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

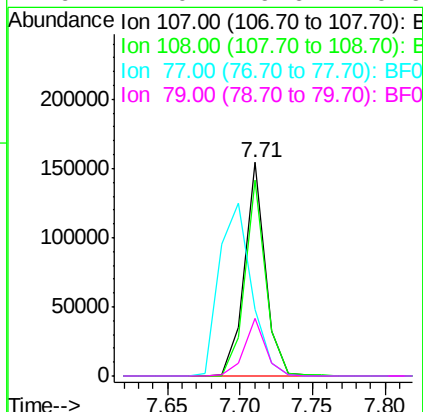
Instrument :
BNA_F
ClientSampleId :
PB81894BS

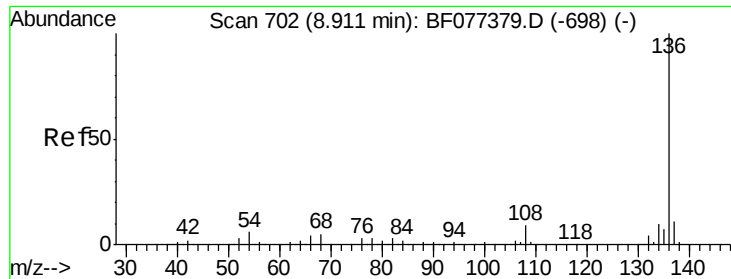
Tgt Ion:	70	Resp:	96200
Ion	Ratio	Lower	Upper
70	100		
42	60.9	48.3	72.5
101	8.9	7.5	11.3
130	18.1	16.7	25.1



#20
3+4-Methylphenols
Concen: 39.87 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

Tgt Ion:	107	Resp:	154711
Ion	Ratio	Lower	Upper
107	100		
108	91.6	76.8	116.8
77	31.4	65.8	105.8#
79	27.0	9.6	49.6

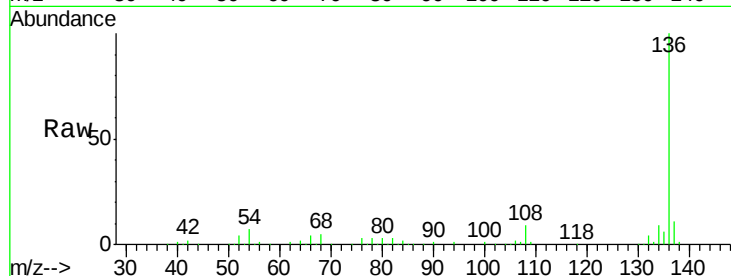




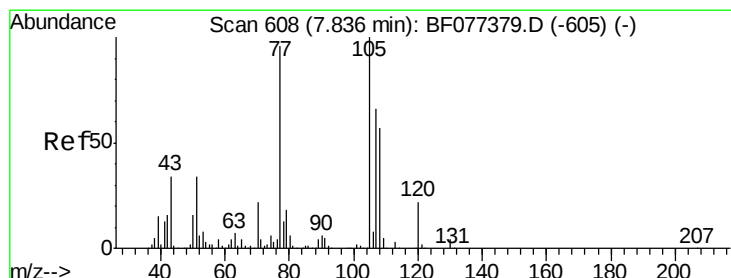
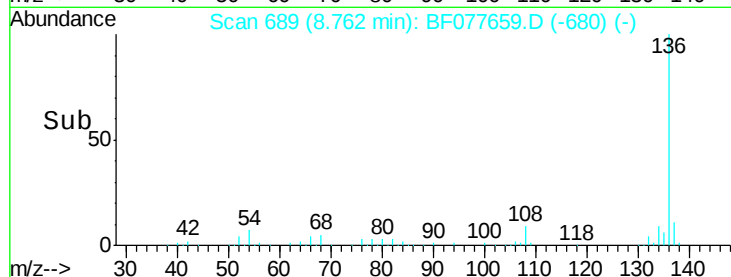
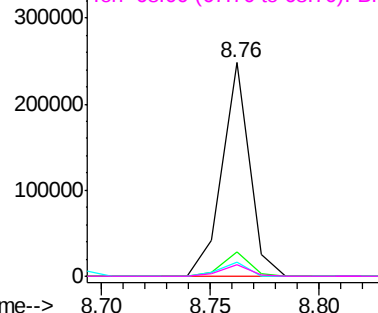
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

Instrument :
BNA_F
ClientSampleId :
PB81894BS

Tgt Ion:	136	Resp:	215875
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.9	6.2	9.4
68	5.5	5.0	7.6

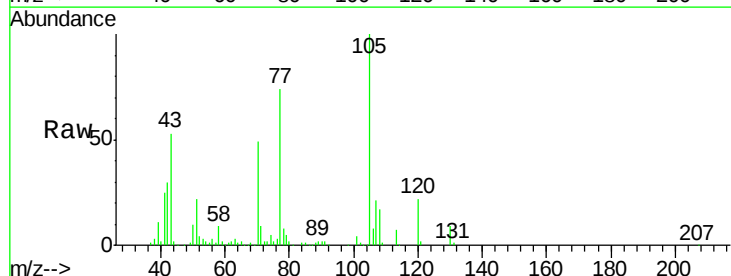


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

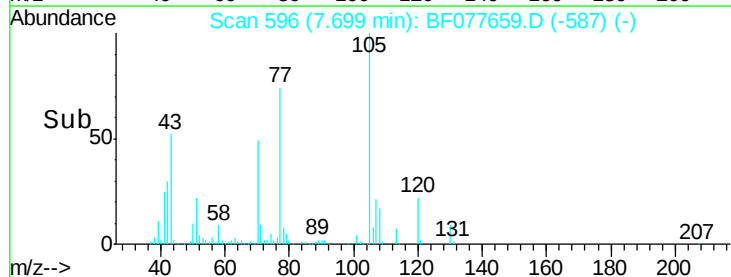
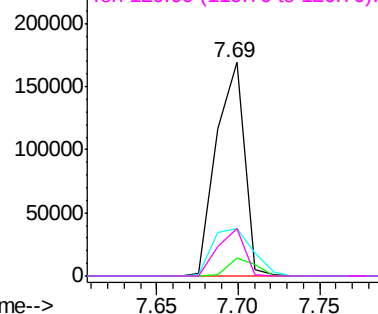


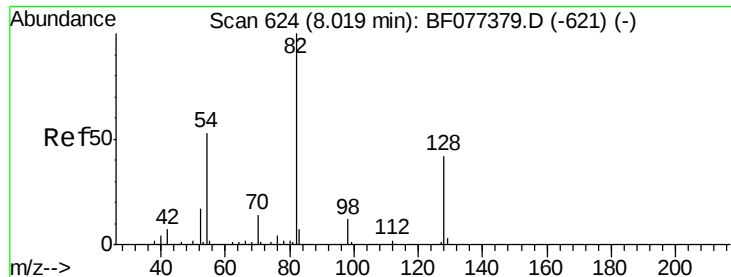
#22
Acetophenone
Concen: 39.55 ng
RT: 7.69 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

Tgt Ion:	105	Resp:	200858
Ion	Ratio	Lower	Upper
105	100		
71	8.5	1.7	2.5#
51	22.1	30.7	46.1#
120	22.4	16.7	25.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

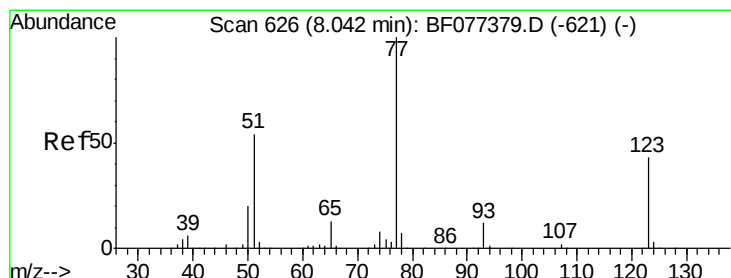
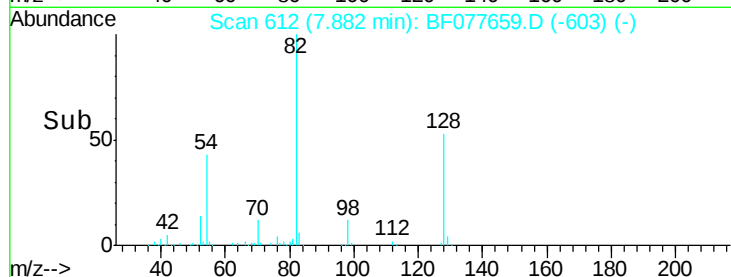
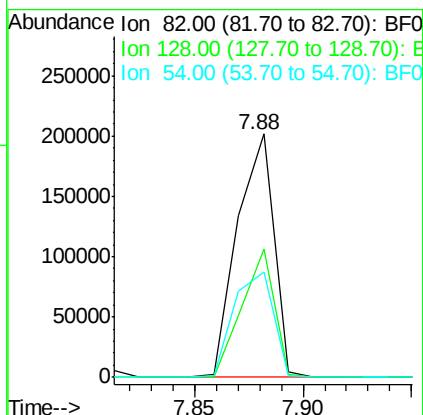
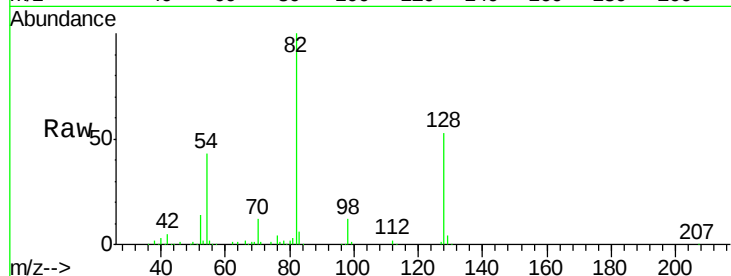




#23
Nitrobenzene-d5
Concen: 67.76 ng
RT: 7.88 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

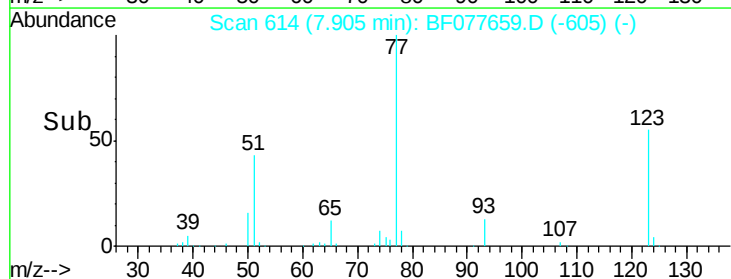
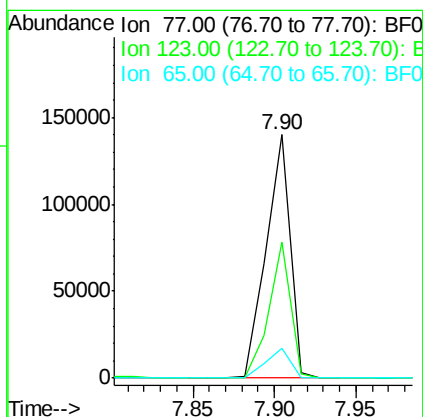
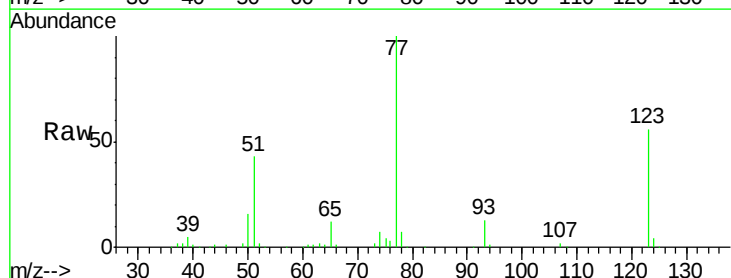
Instrument :
BNA_F
ClientSampleId :
PB81894BS

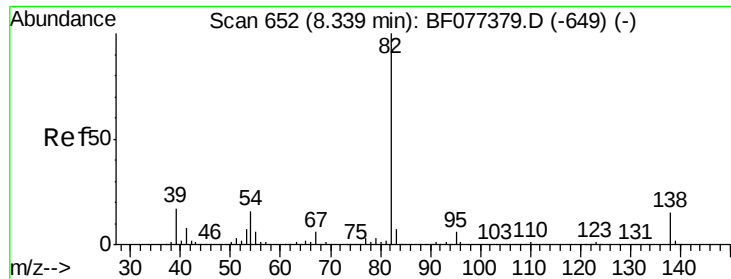
Tgt Ion: 82 Resp: 235238
Ion Ratio Lower Upper
82 100
128 52.6 43.8 65.8
54 43.1 36.7 55.1



#24
Nitrobenzene
Concen: 39.55 ng
RT: 7.90 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

Tgt Ion: 77 Resp: 144457
Ion Ratio Lower Upper
77 100
123 56.0 45.9 68.9
65 12.1 9.5 14.3





#25

Isophorone

Concen: 39.26 ng

RT: 8.20 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB81894BS

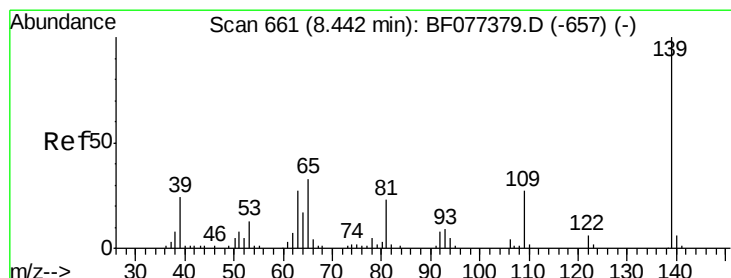
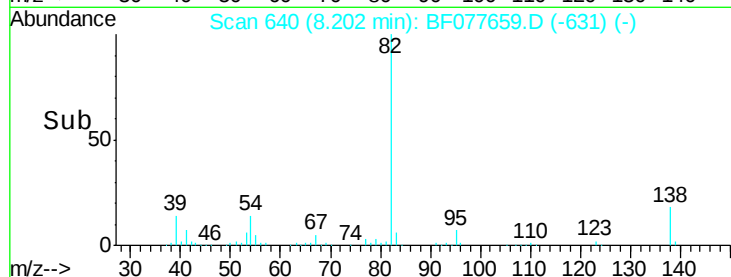
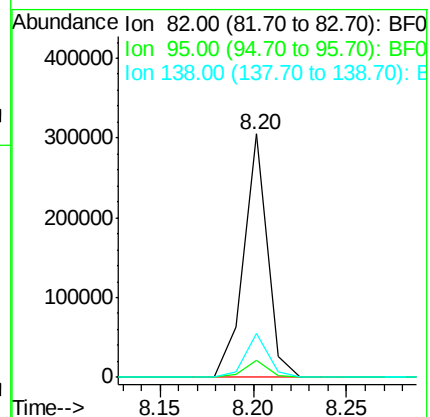
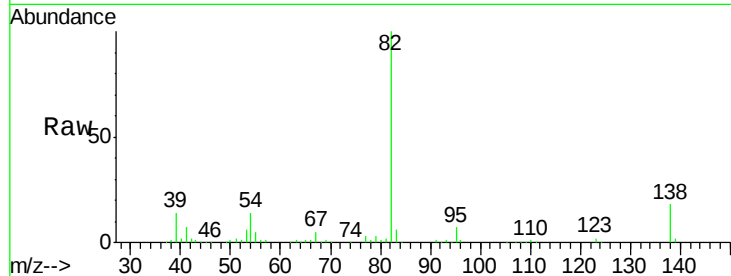
Tgt Ion: 82 Resp: 270379

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 18.2 16.3 24.5



#26

2-Nitrophenol

Concen: 49.51 ng

RT: 8.29 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

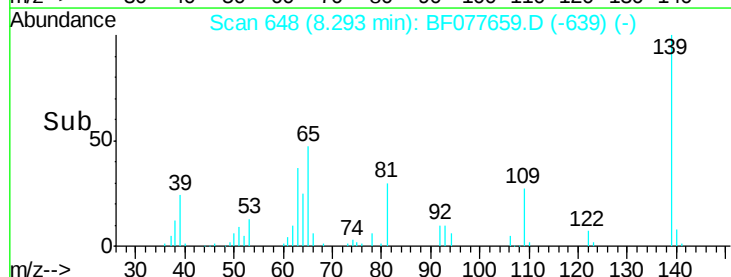
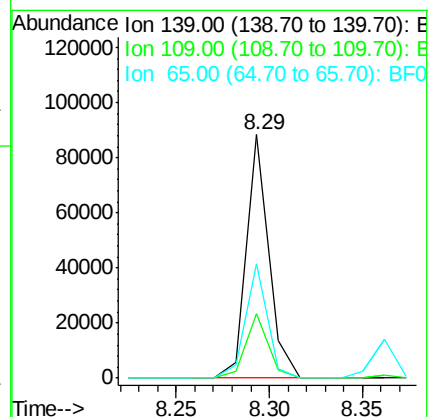
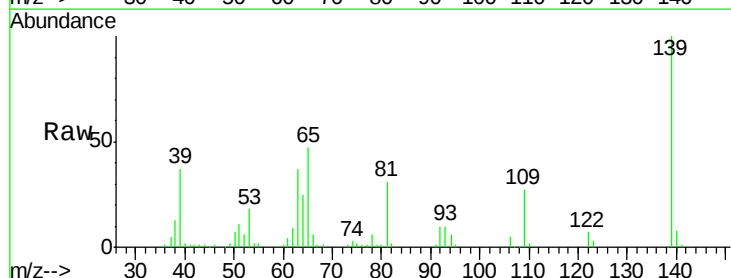
Tgt Ion: 139 Resp: 74113

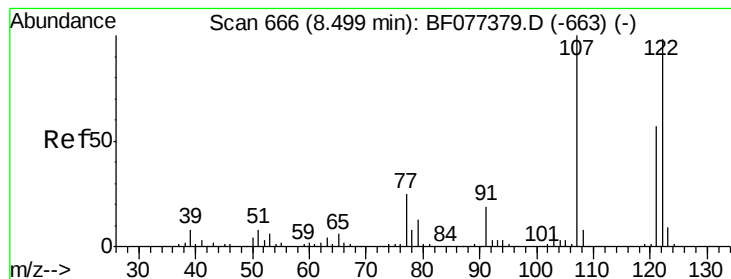
Ion Ratio Lower Upper

139 100

109 26.6 22.6 34.0

65 47.1 36.4 54.6





#27

2,4-Dimethylphenol

Concen: 41.79 ng

RT: 8.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB81894BS

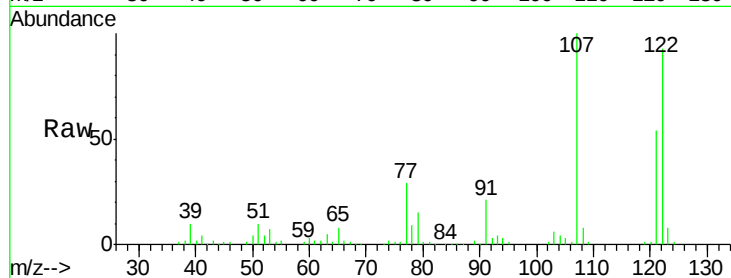
Tgt Ion: 122 Resp: 139974

Ion Ratio Lower Upper

122 100

107 107.1 86.6 130.0

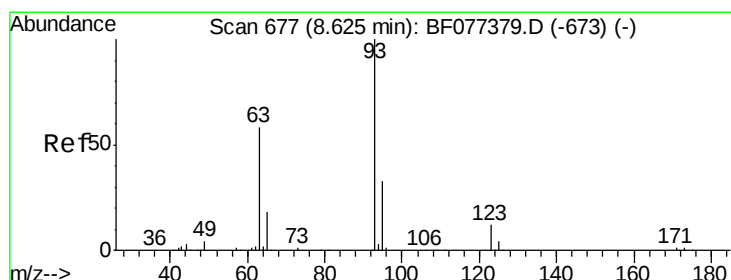
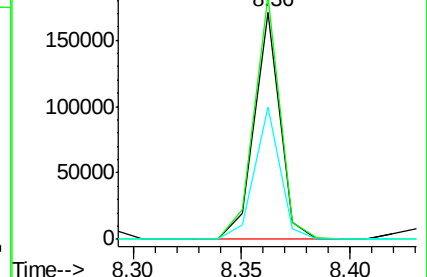
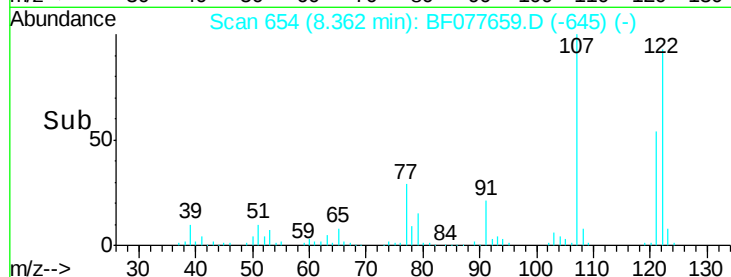
121 58.3 47.4 71.0



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: 38.63 ng

RT: 8.48 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

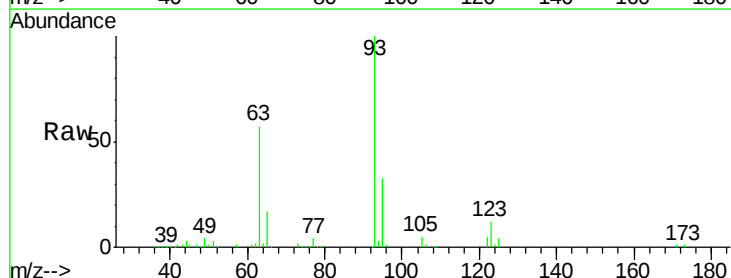
Tgt Ion: 93 Resp: 168080

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

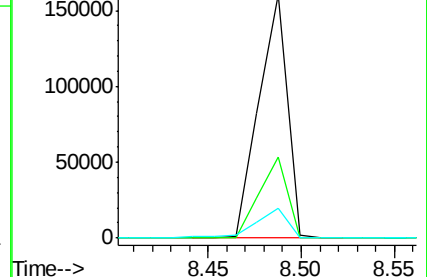
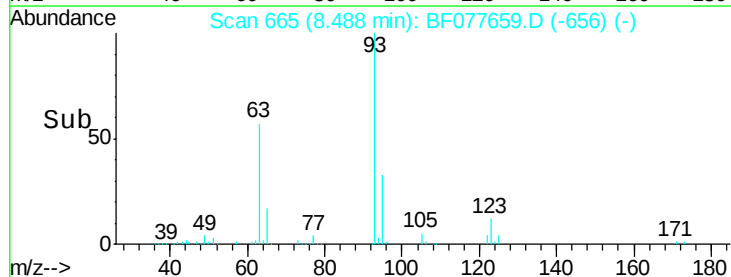
123 12.4 8.7 13.1

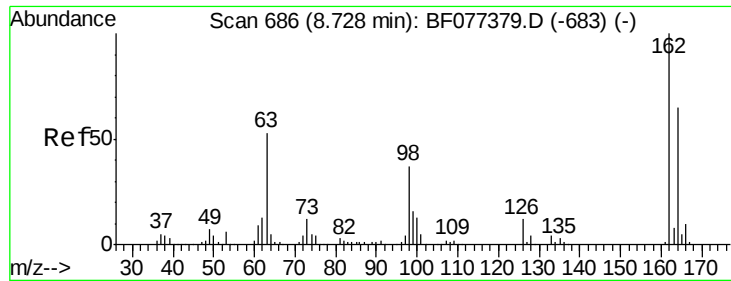


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

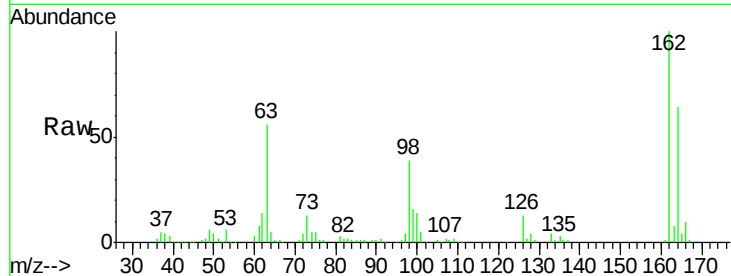




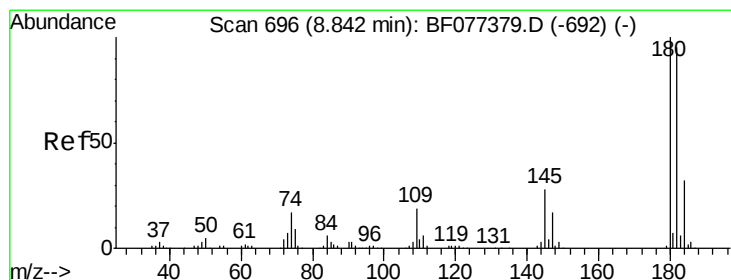
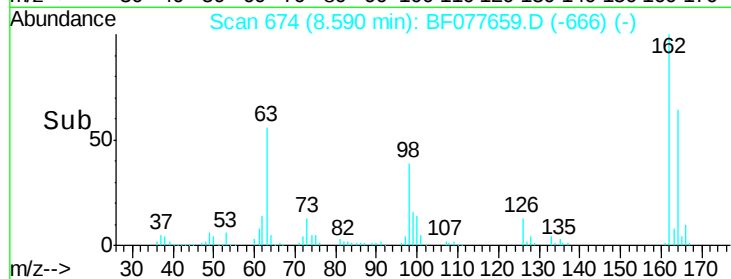
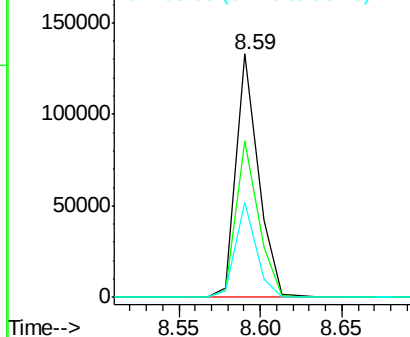
#29
 2,4-Dichlorophenol
 Concen: 39.92 ng
 RT: 8.59 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BS

Tgt Ion:162 Resp: 125503
 Ion Ratio Lower Upper
 162 100
 164 64.2 46.4 86.4
 98 39.2 6.9 46.9

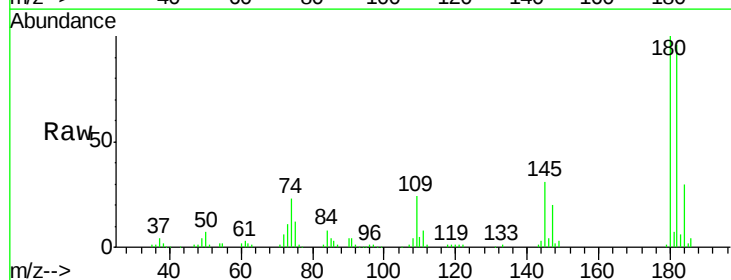


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

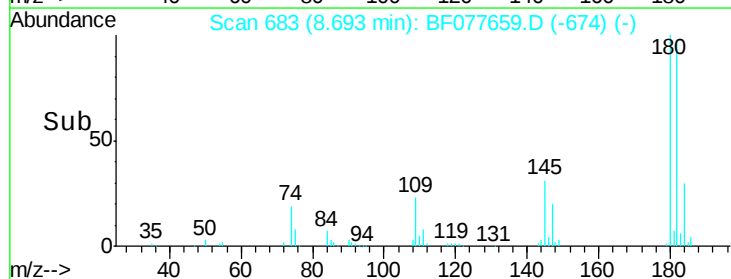
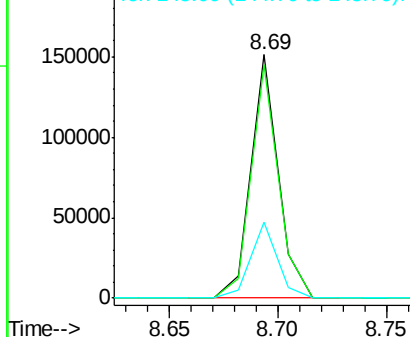


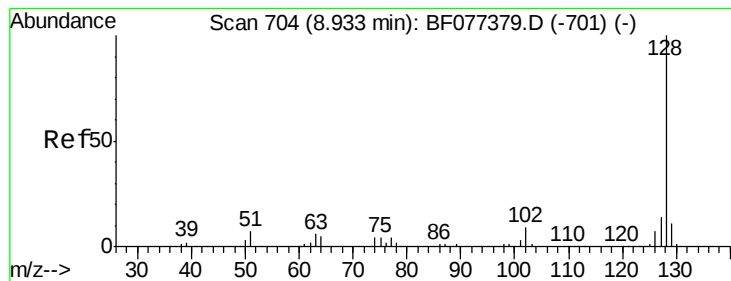
#30
 1,2,4-Trichlorobenzene
 Concen: 38.14 ng
 RT: 8.69 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Tgt Ion:180 Resp: 131814
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.2 114.4
 145 31.1 24.5 36.7



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





#31

Naphthalene

Concen: 38.96 ng

RT: 8.79 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Instrument :

BNA_F

ClientSampled :

PB81894BS

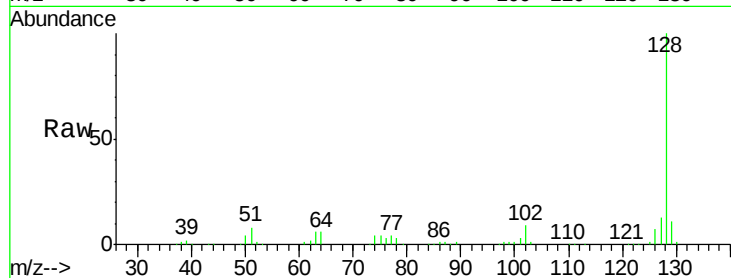
Tgt Ion:128 Resp: 420637

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

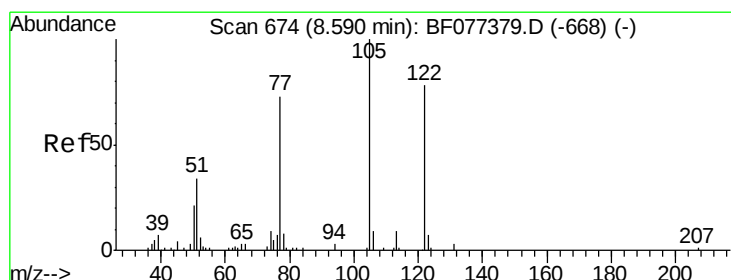
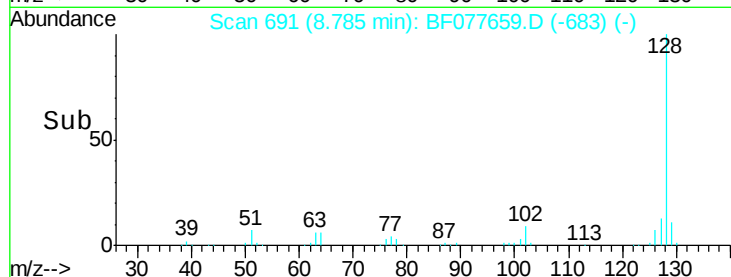
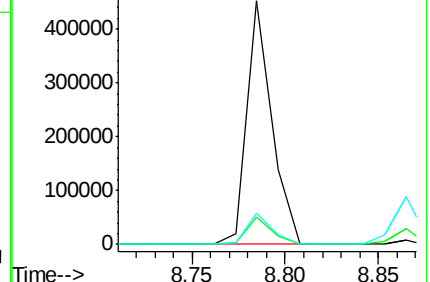
127 12.8 10.6 15.8



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: 48.50 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

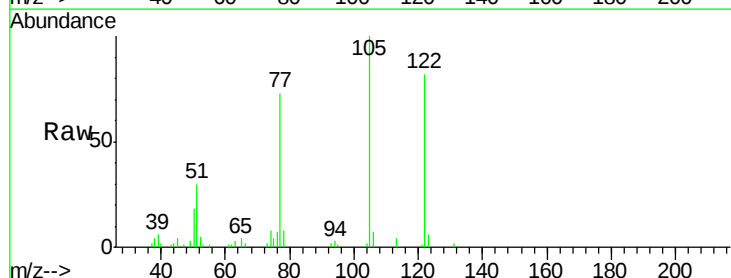
Tgt Ion:122 Resp: 78934

Ion Ratio Lower Upper

122 100

105 122.7 100.3 140.3

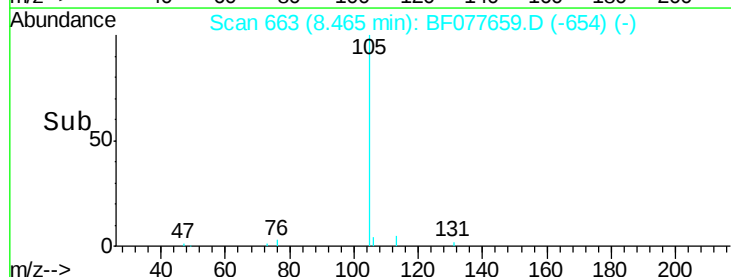
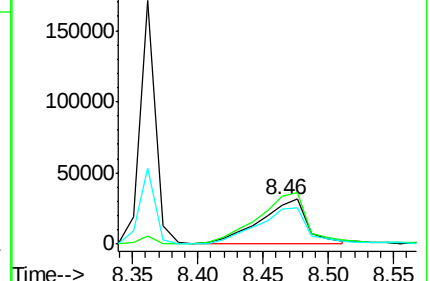
77 89.7 68.7 108.7

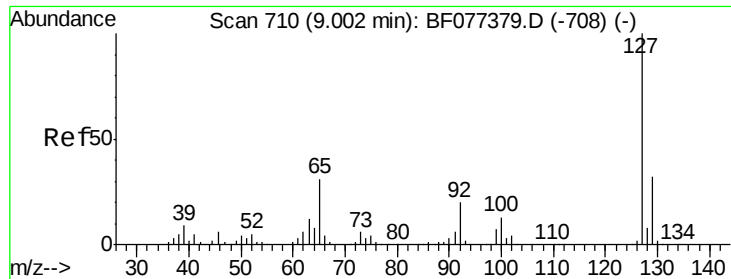


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

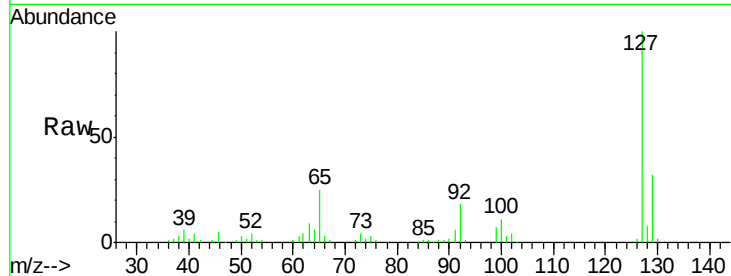




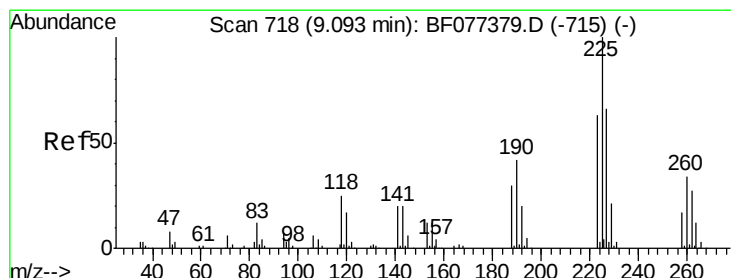
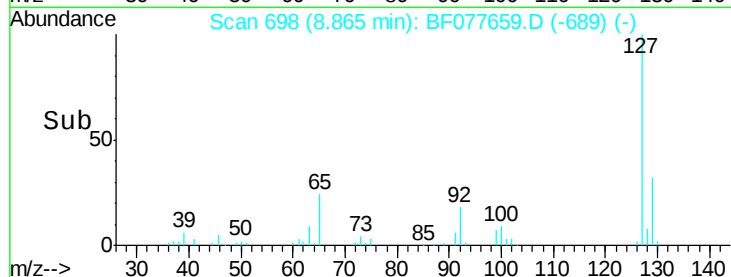
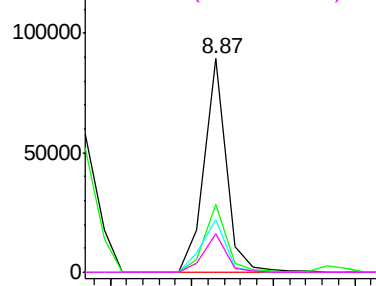
#33
 4-Chloroaniline
 Concen: 17.52 ng
 RT: 8.87 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Instrument :
 BNA_F
 ClientSampled :
 PB81894BS

Tgt Ion:	127	Resp:	84101
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.9	40.3
65	24.7	16.7	25.1
92	18.1	12.5	18.7

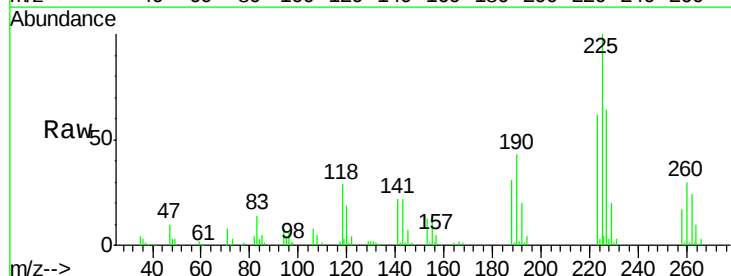


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

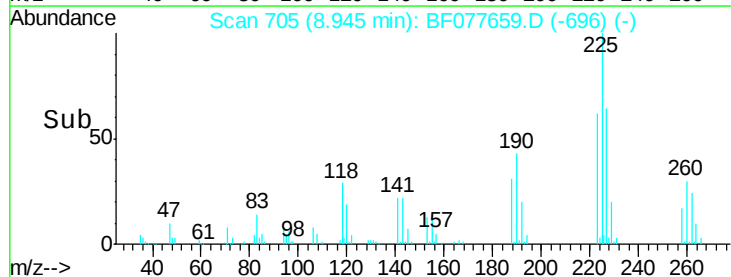
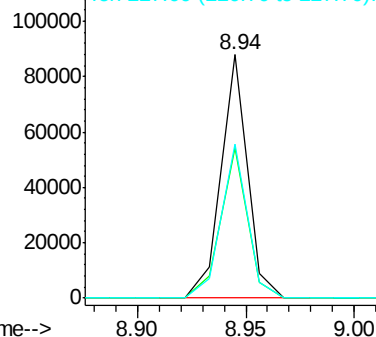


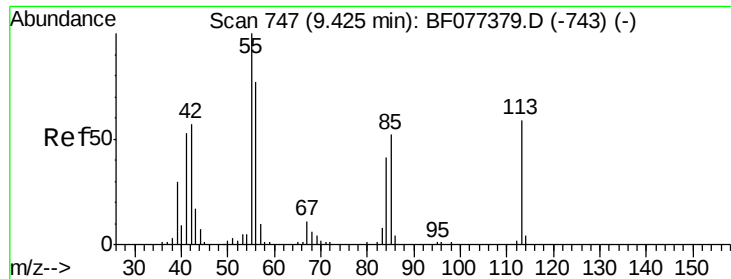
#34
 Hexachlorobutadiene
 Concen: 37.56 ng
 RT: 8.94 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Tgt Ion:	225	Resp:	74114
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.5	74.3
227	63.5	50.5	75.7



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

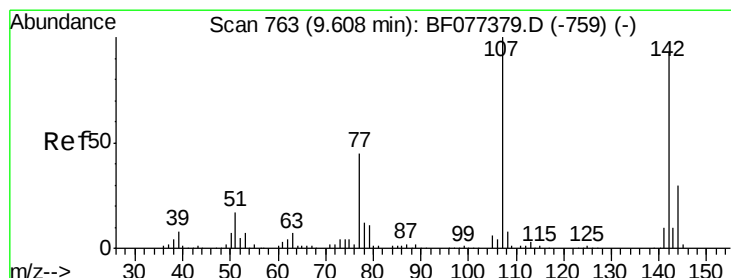
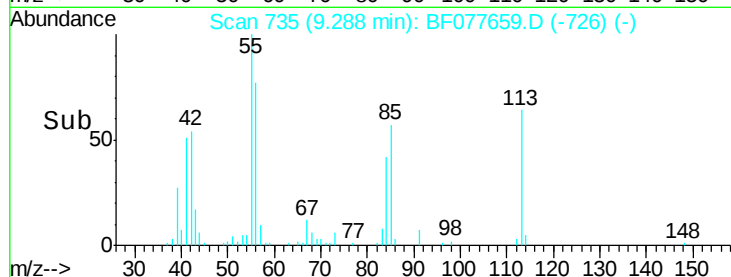
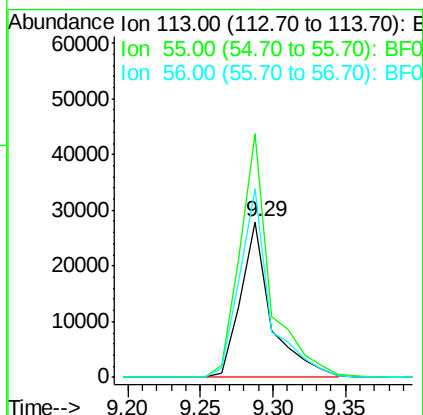
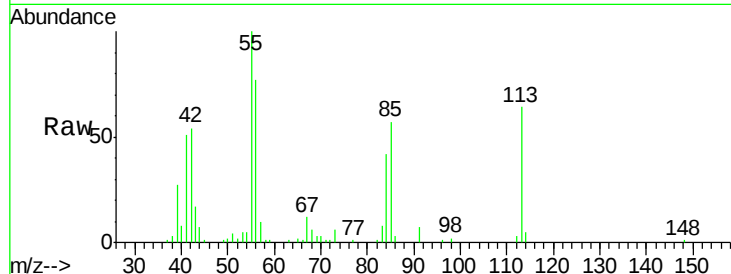




#35
 Caprolactam
 Concen: 42.66 ng
 RT: 9.29 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

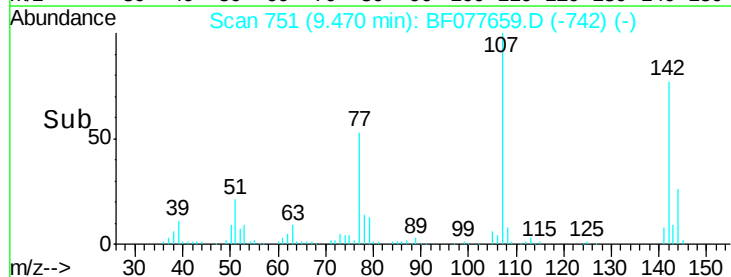
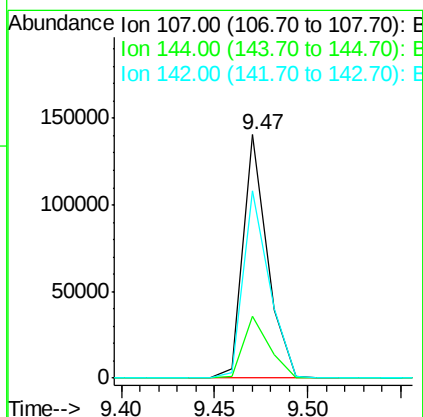
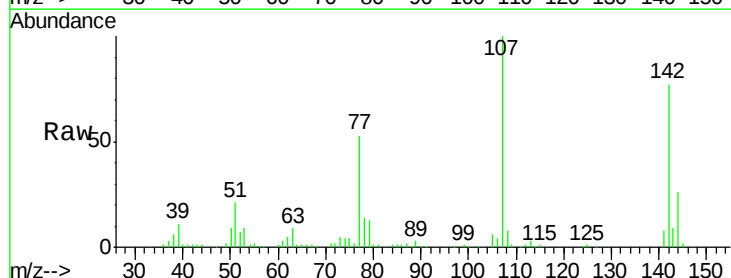
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BS

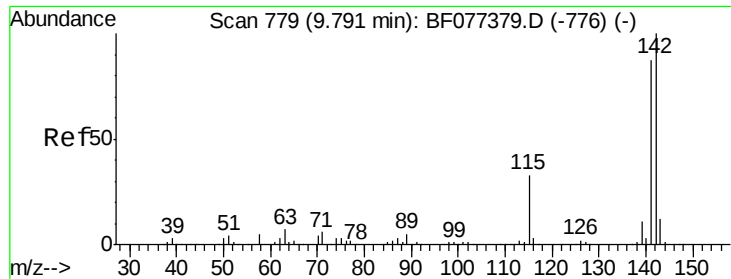
Tgt Ion:113 Resp: 40939
 Ion Ratio Lower Upper
 113 100
 55 156.7 154.6 194.6
 56 121.0 114.0 154.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.63 ng
 RT: 9.47 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Tgt Ion:107 Resp: 128422
 Ion Ratio Lower Upper
 107 100
 144 25.5 21.1 31.7
 142 77.2 65.3 97.9

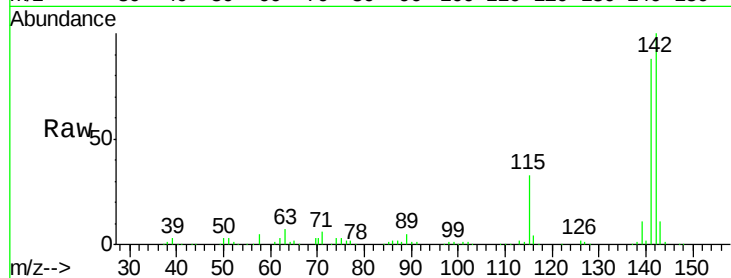




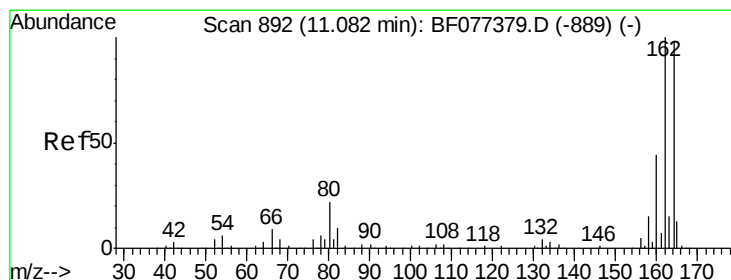
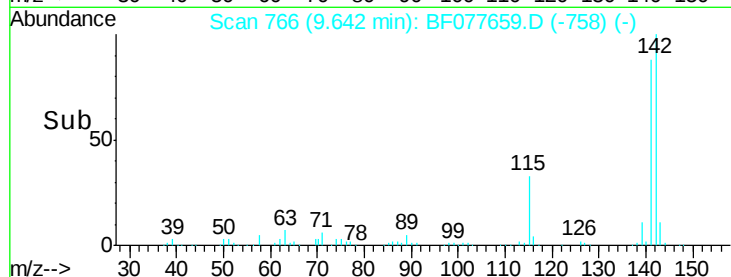
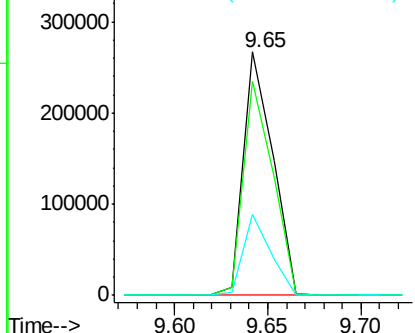
#37
 2-Methylnaphthalene
 Concen: 38.05 ng
 RT: 9.65 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BS

Tgt Ion:142 Resp: 291734
 Ion Ratio Lower Upper
 142 100
 141 88.2 70.7 106.1
 115 33.2 24.2 36.4

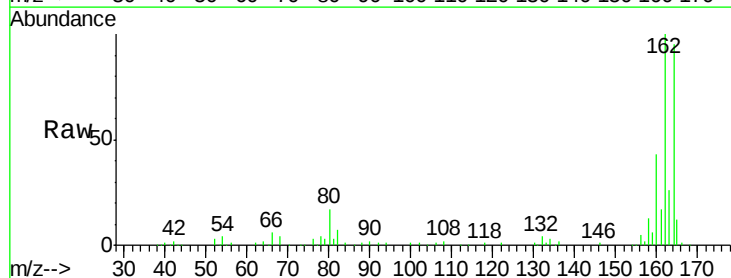


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

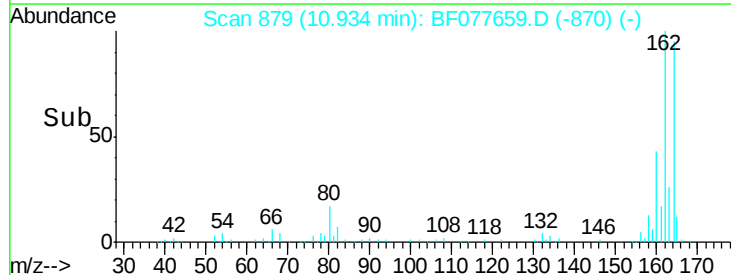
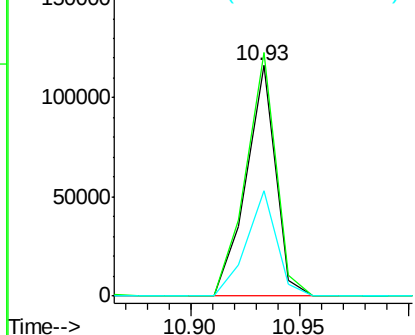


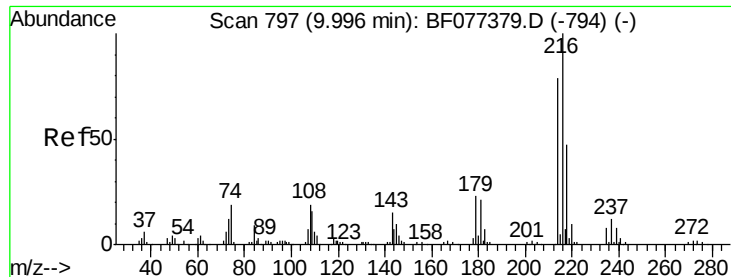
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.93 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Tgt Ion:164 Resp: 109622
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.2 124.8
 160 45.6 34.6 52.0



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: 41.19 ng

RT: 9.85 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB81894BS

Tgt Ion:216 Resp: 129549

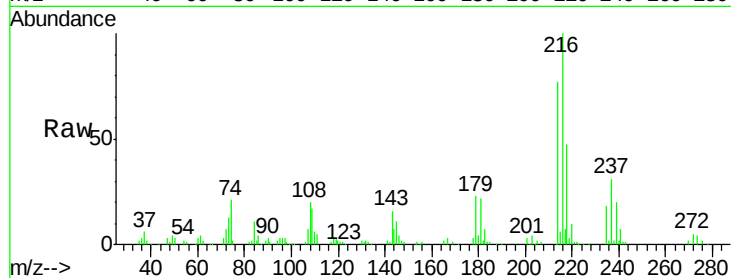
Ion Ratio Lower Upper

216 100

214 76.8 63.4 95.0

179 21.4 16.6 25.0

108 19.7 14.2 21.4

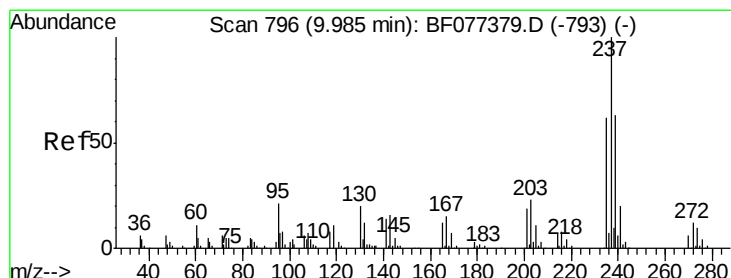
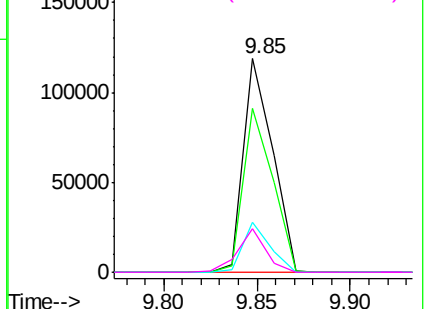
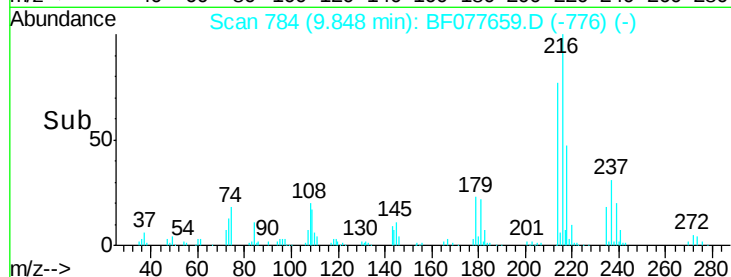


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 77.80 ng

RT: 9.84 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

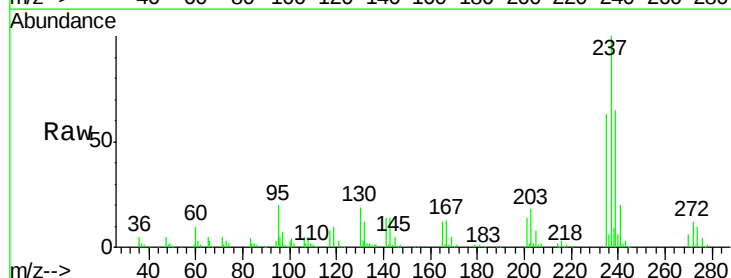
Tgt Ion:237 Resp: 131216

Ion Ratio Lower Upper

237 100

235 63.4 41.0 81.0

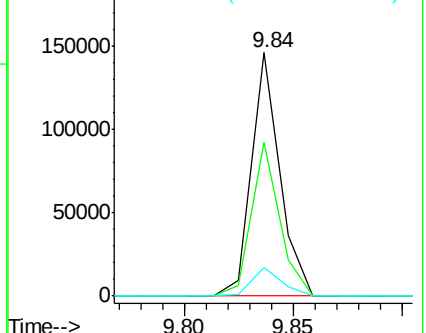
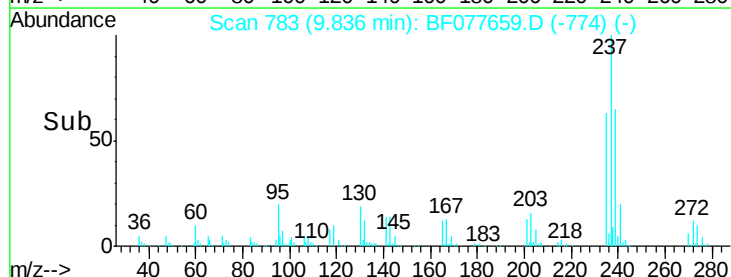
272 11.7 0.0 34.3

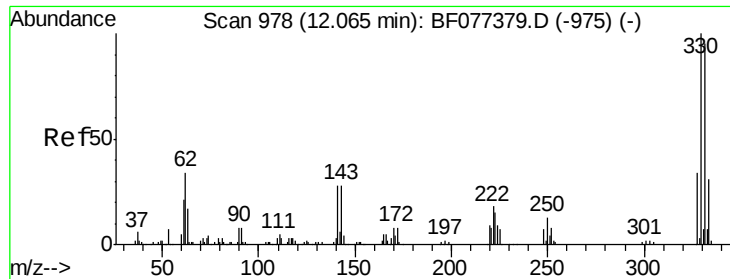


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

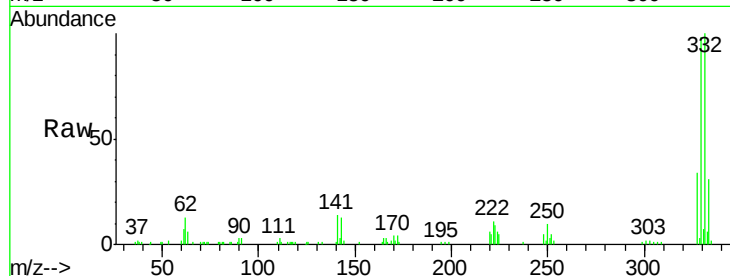




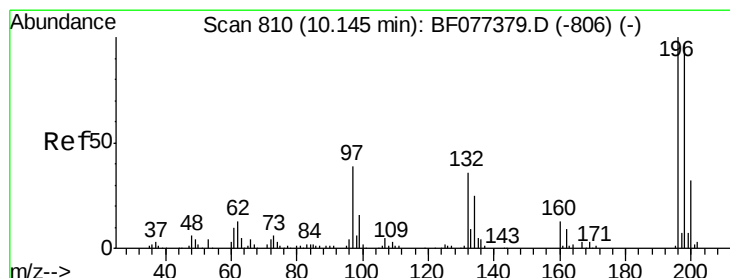
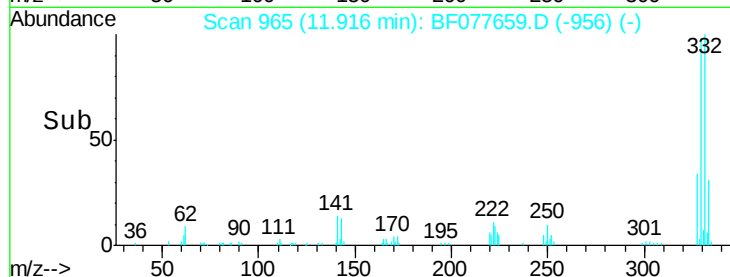
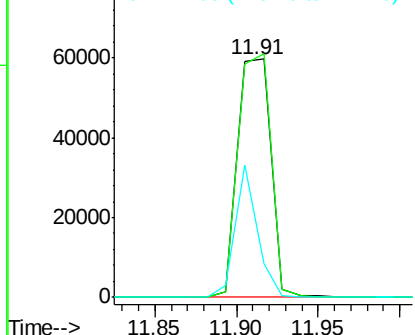
#41
 2,4,6-Tribromophenol
 Concen: 80.06 ng
 RT: 11.91 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BS

Tgt Ion:330 Resp: 84506
 Ion Ratio Lower Upper
 330 100
 332 100.4 77.4 116.2
 141 36.7 28.8 43.2

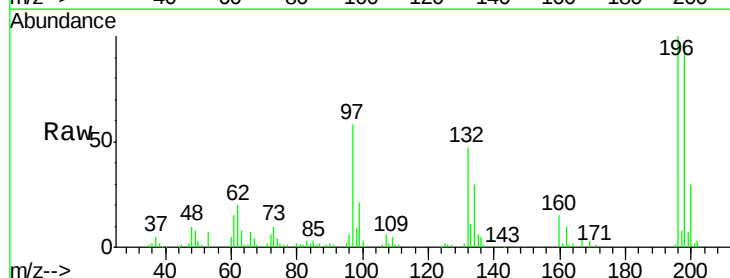


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

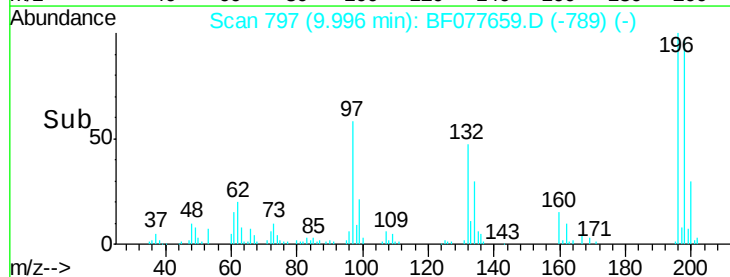
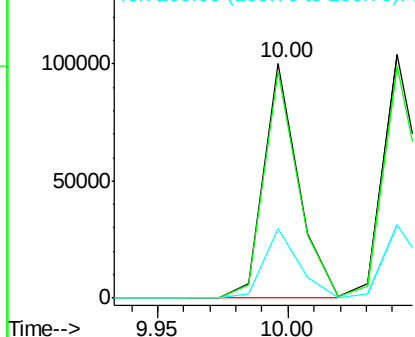


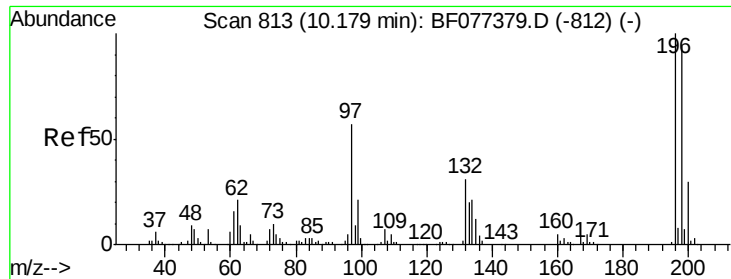
#42
 2,4,6-Trichlorophenol
 Concen: 44.40 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Tgt Ion:196 Resp: 92494
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.8 113.8
 200 29.8 24.2 36.4



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

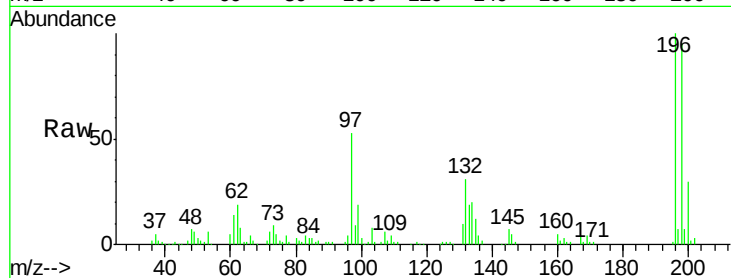




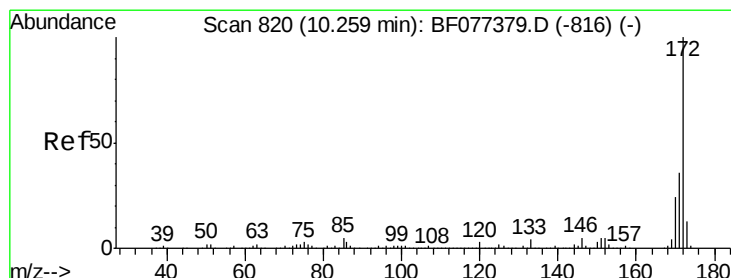
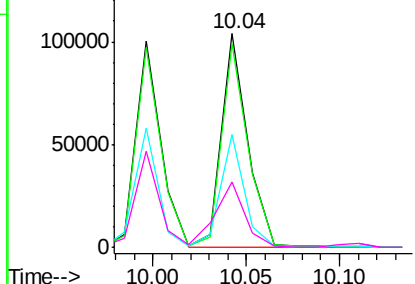
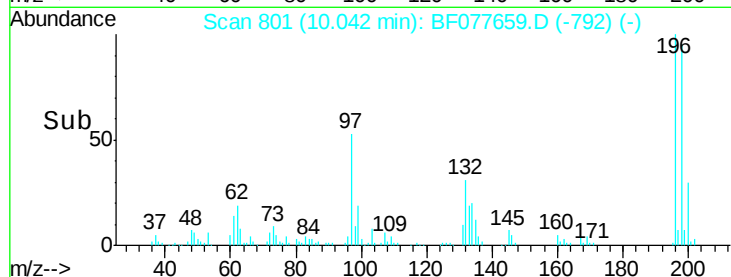
#43
 2,4,5-Trichlorophenol
 Concen: 45.86 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BS

Tgt Ion:196 Resp: 102139
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.2 115.8
 97 53.0 27.7 41.5#
 132 30.5 18.0 27.0#

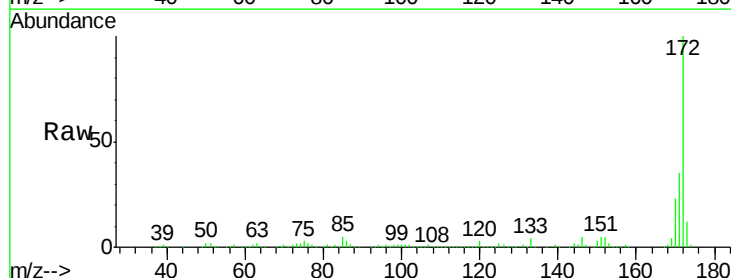


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

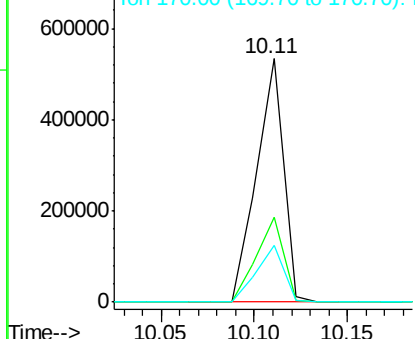
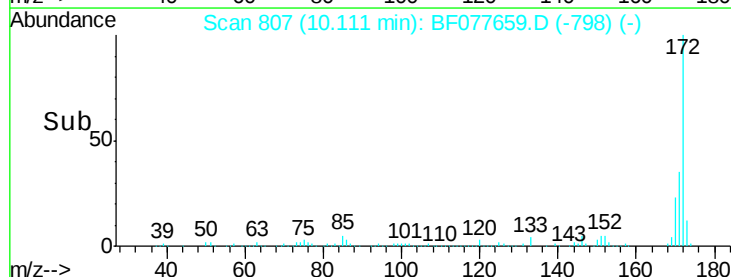


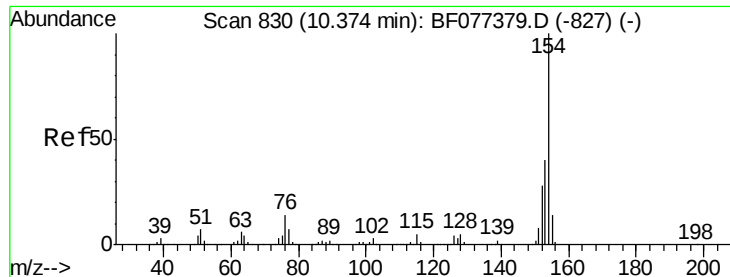
#44
 2-Fluorobiphenyl
 Concen: 75.86 ng
 RT: 10.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Tgt Ion:172 Resp: 533296
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.9 43.3
 170 23.1 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

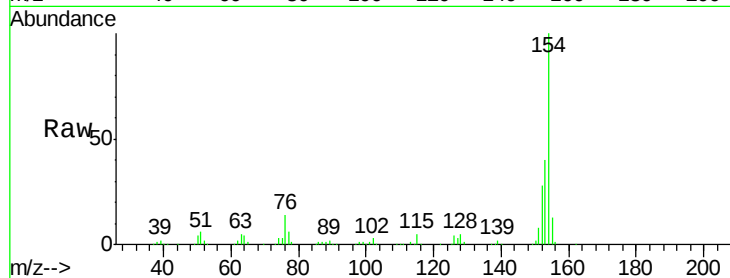




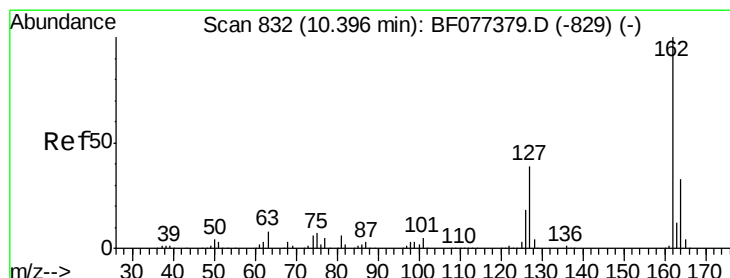
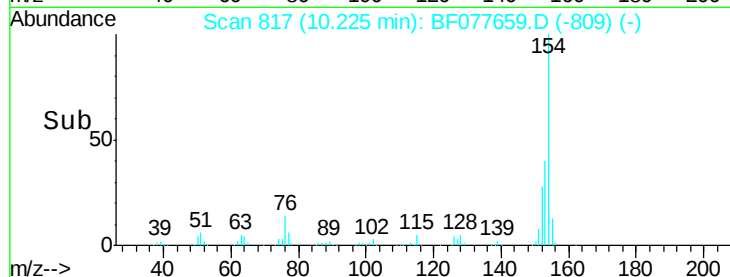
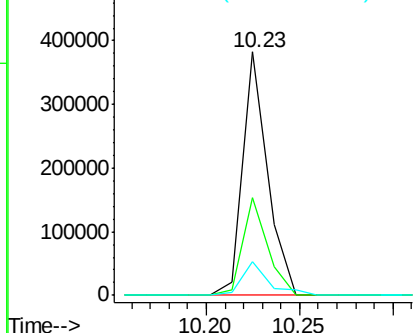
#45
 1,1'-Biphenyl
 Concen: 42.45 ng
 RT: 10.23 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BS

Tgt Ion:154 Resp: 352571
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.2 60.2
 76 13.9 0.0 29.4

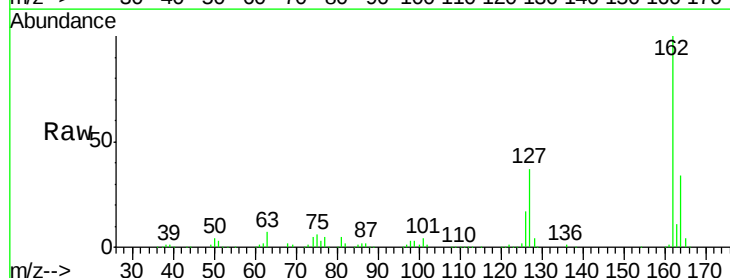


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

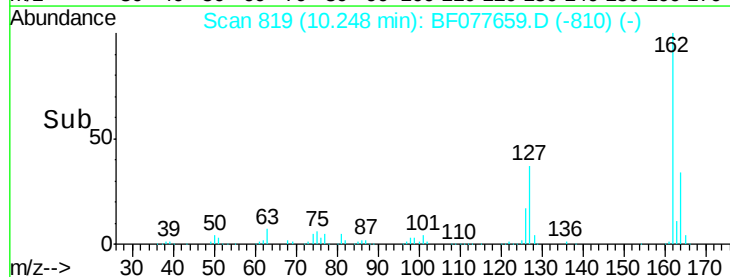
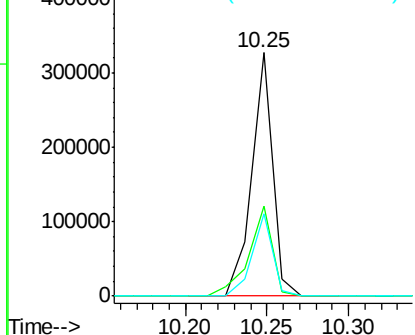


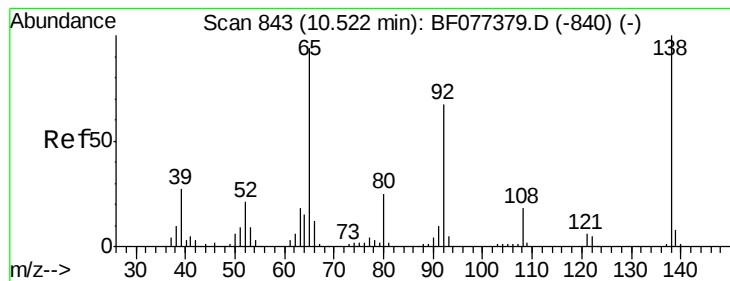
#46
 2-Chloronaphthalene
 Concen: 44.64 ng
 RT: 10.25 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Tgt Ion:162 Resp: 290788
 Ion Ratio Lower Upper
 162 100
 127 37.1 33.3 49.9
 164 33.6 26.2 39.4



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: 46.79 ng

RT: 10.38 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB81894BS

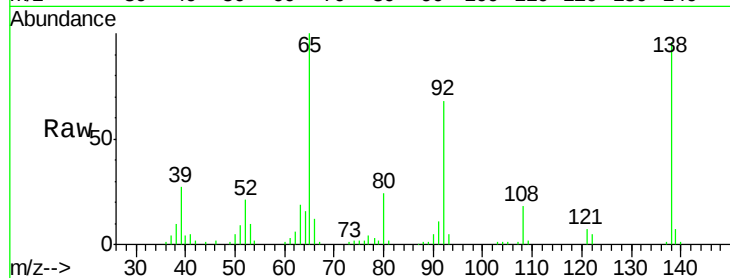
Tgt Ion: 65 Resp: 75023

Ion Ratio Lower Upper

65 100

92 67.8 52.4 78.6

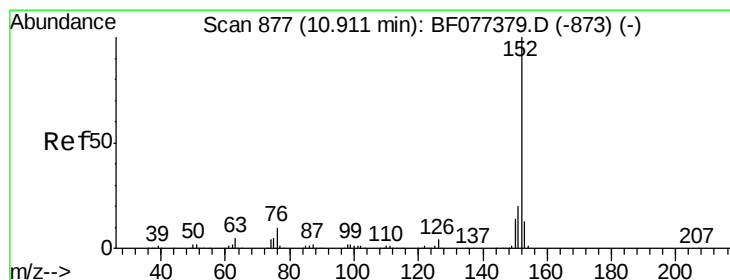
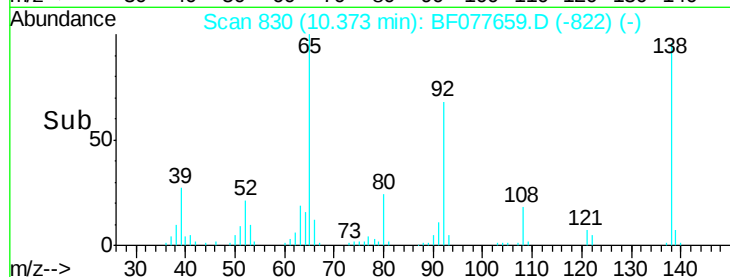
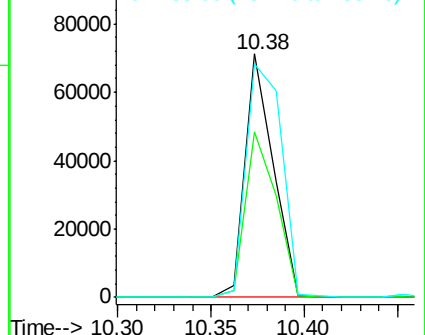
138 95.7 73.4 110.0



Abundance Ion 65.00 (64.70 to 65.70): BF077379.D (-840) (-)

Ion 92.00 (91.70 to 92.70): BF077379.D (-840) (-)

Ion 138.00 (137.70 to 138.70): BF077379.D (-840) (-)



#48

Acenaphthylene

Concen: 43.85 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

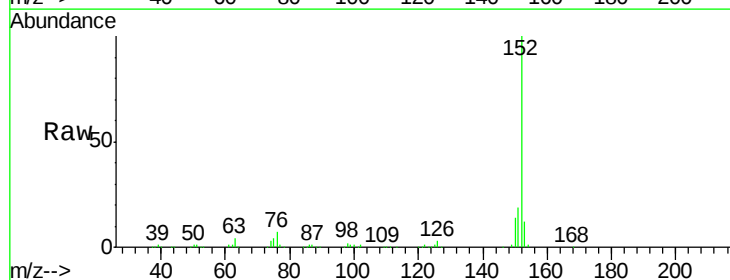
Tgt Ion: 152 Resp: 452190

Ion Ratio Lower Upper

152 100

151 19.2 16.1 24.1

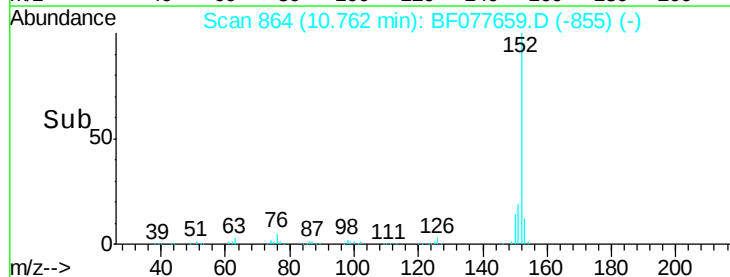
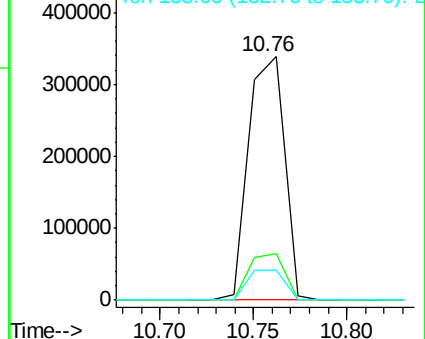
153 12.1 10.9 16.3

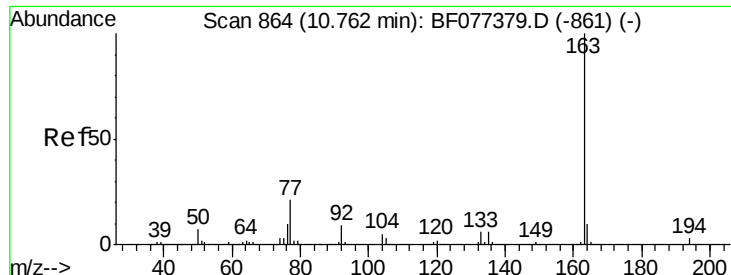


Abundance Ion 152.00 (151.70 to 152.70): BF077379.D (-873) (-)

Ion 151.00 (150.70 to 151.70): BF077379.D (-873) (-)

Ion 153.00 (152.70 to 153.70): BF077379.D (-873) (-)

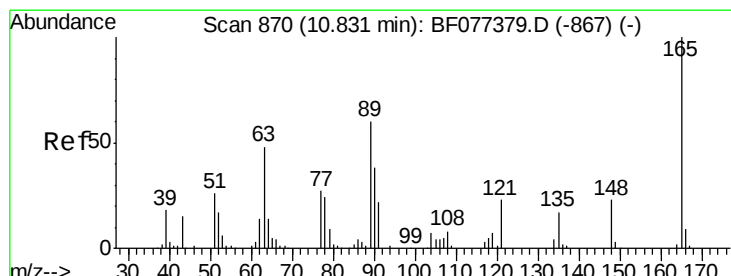
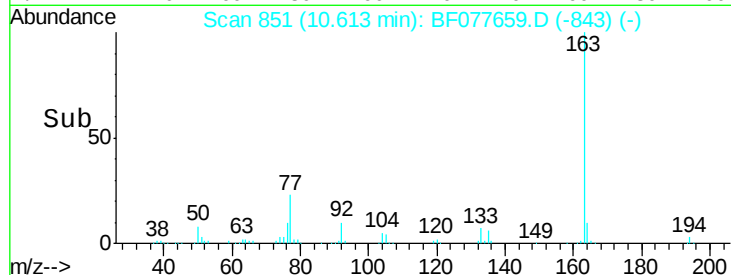
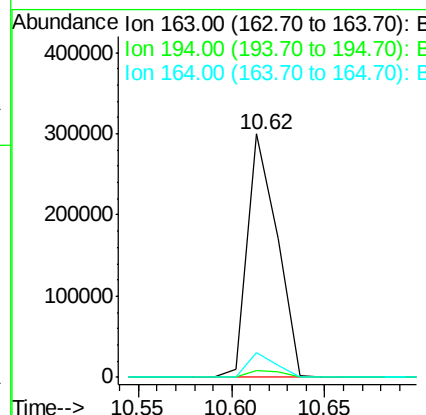
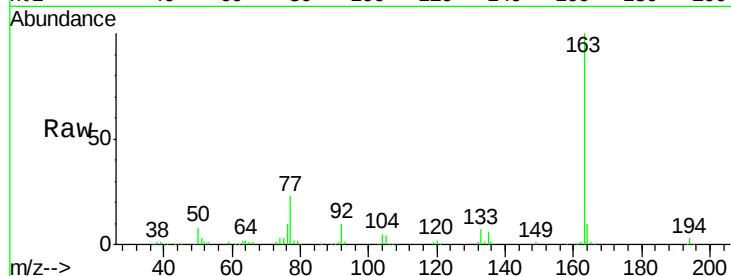




#49
Dimethylphthalate
Concen: 42.87 ng
RT: 10.62 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

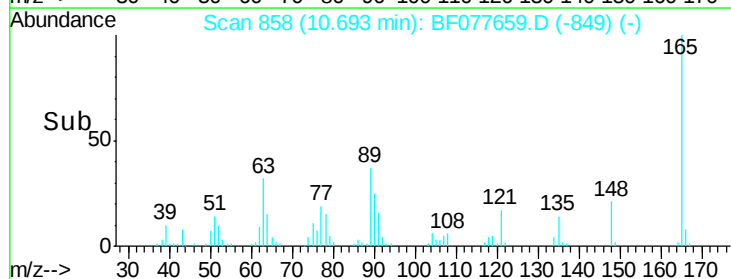
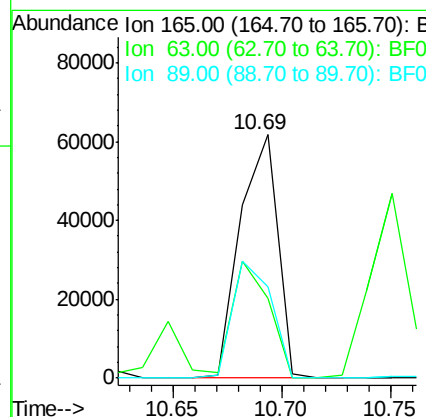
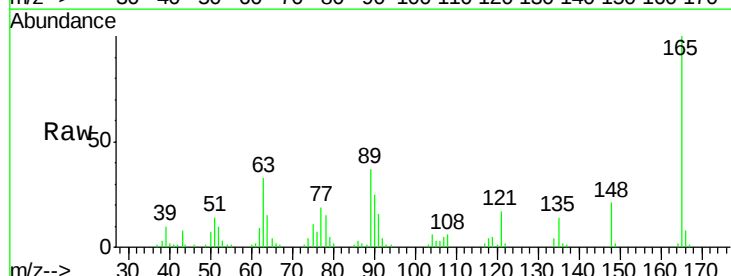
Instrument :
BNA_F
ClientSampleId :
PB81894BS

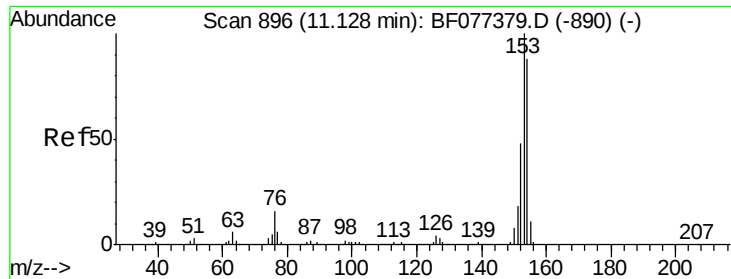
Tgt Ion:163 Resp: 330303
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.3 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 47.65 ng
RT: 10.69 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

Tgt Ion:165 Resp: 73628
Ion Ratio Lower Upper
165 100
63 32.9 25.2 37.8
89 37.4 30.5 45.7

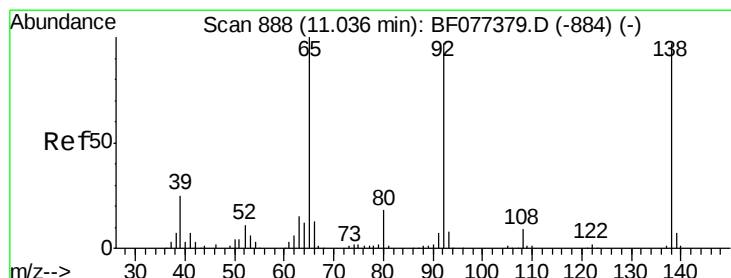
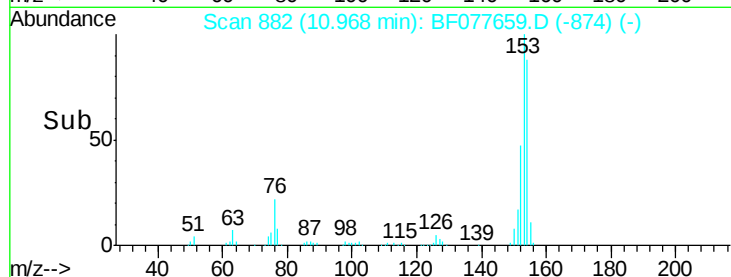
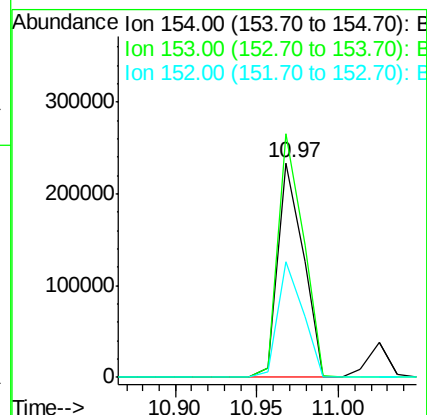
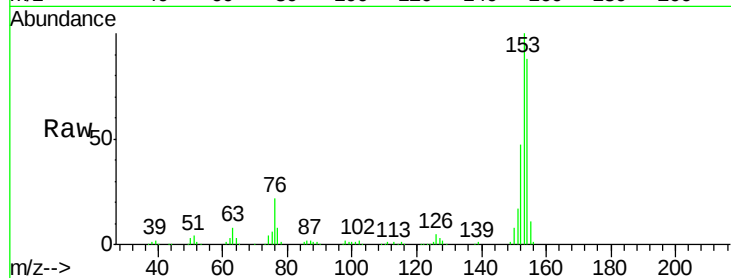




#51
Acenaphthene
Concen: 41.45 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

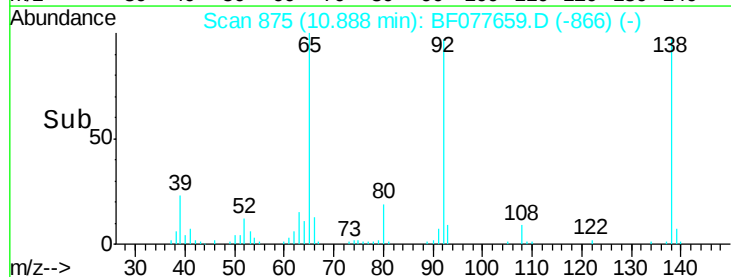
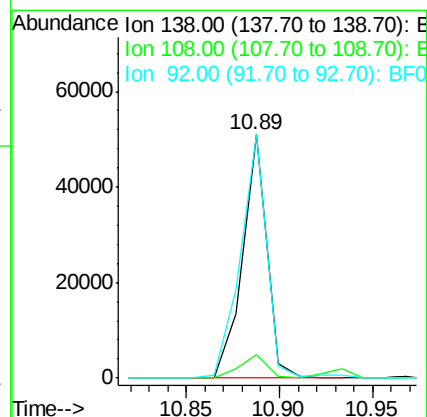
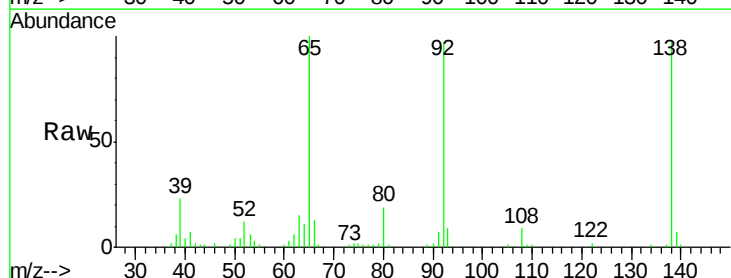
Instrument :
BNA_F
ClientSampleId :
PB81894BS

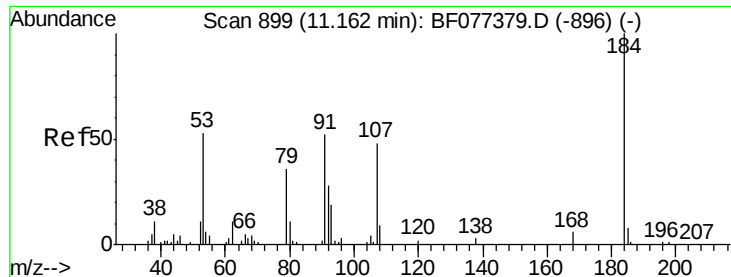
Tgt Ion:154 Resp: 255048
Ion Ratio Lower Upper
154 100
153 113.4 90.5 135.7
152 53.6 43.5 65.3



#52
3-Nitroaniline
Concen: 26.10 ng
RT: 10.89 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

Tgt Ion:138 Resp: 46504
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.8
92 99.9 90.6 135.8

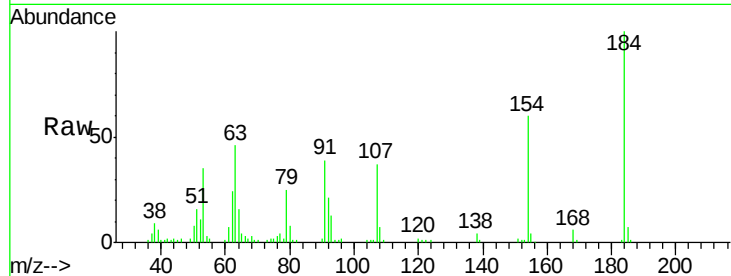




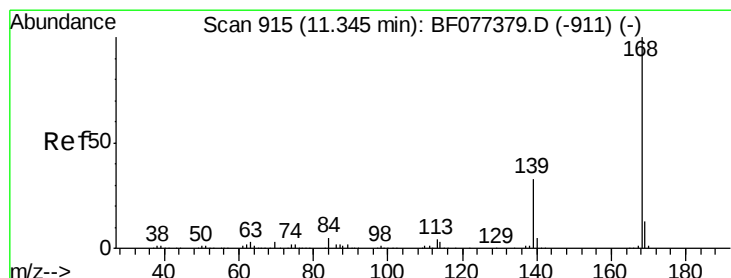
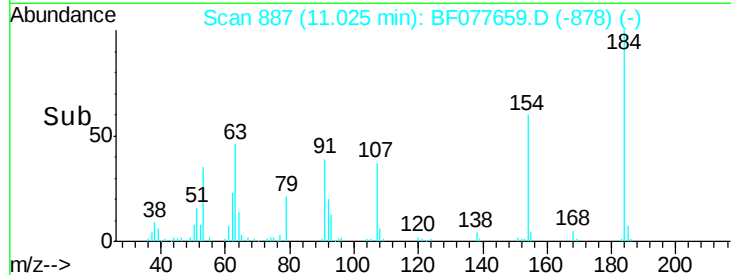
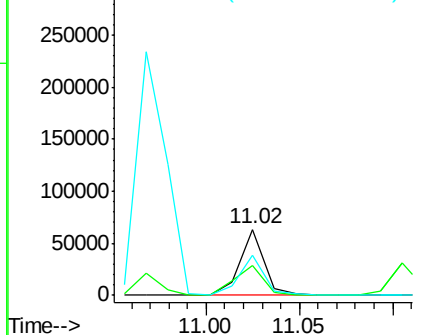
#53
2,4-Dinitrophenol
Concen: 122.40 ng
RT: 11.02 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

Instrument :
BNA_F
ClientSampleId :
PB81894BS

Tgt Ion:184 Resp: 57553
Ion Ratio Lower Upper
184 100
63 45.6 29.5 44.3#
154 60.5 43.2 64.8

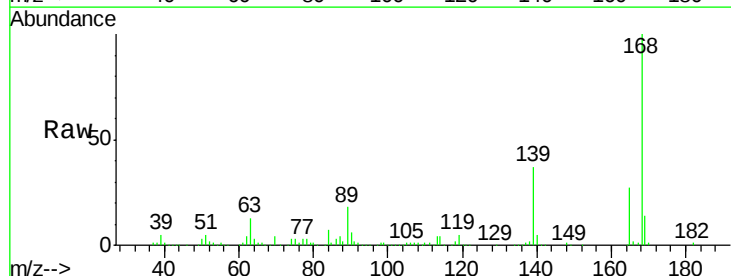


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

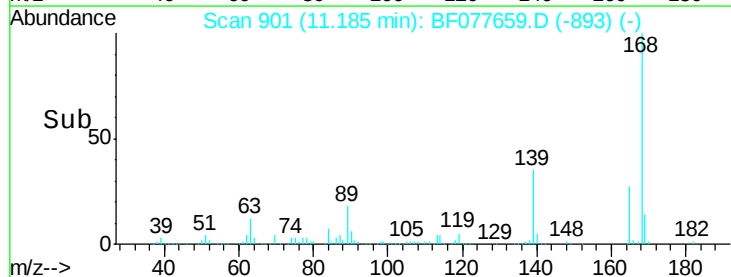
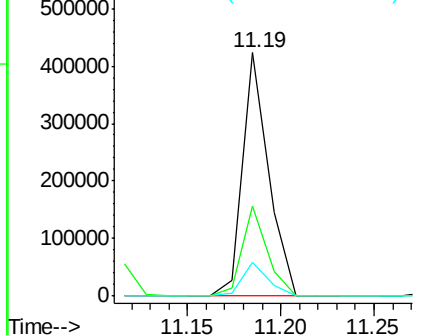


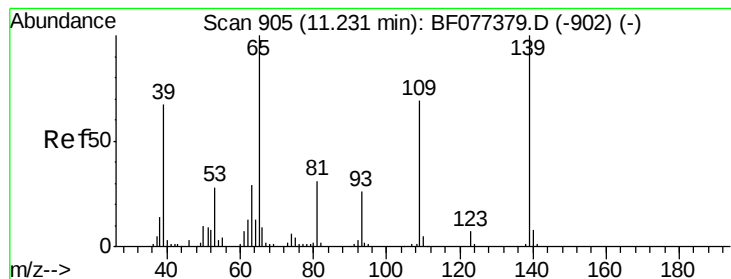
#54
Dibenzofuran
Concen: 43.13 ng
RT: 11.19 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

Tgt Ion:168 Resp: 409766
Ion Ratio Lower Upper
168 100
139 37.2 29.3 43.9
169 13.7 10.9 16.3



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: 85.43 ng

RT: 11.11 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB81894BS

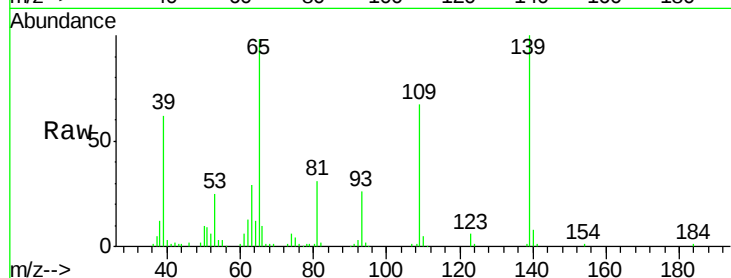
Tgt Ion:139 Resp: 122421

Ion Ratio Lower Upper

139 100

109 67.4 36.2 76.2

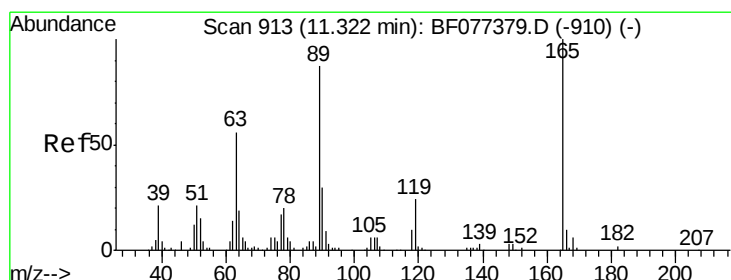
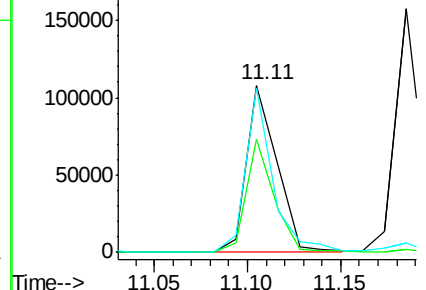
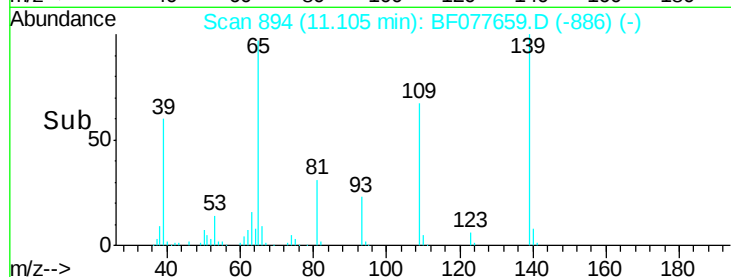
65 98.4 40.3 80.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.08 ng

RT: 11.18 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Tgt Ion:165 Resp: 104575

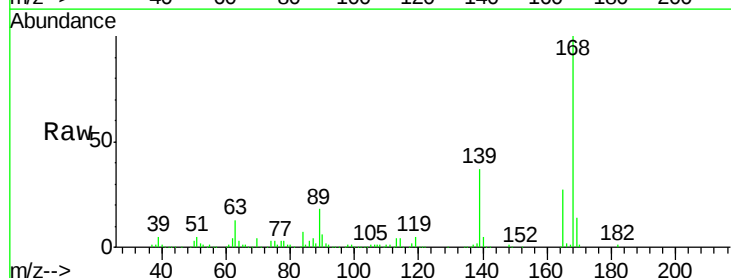
Ion Ratio Lower Upper

165 100

63 46.0 29.8 44.8#

89 65.3 48.5 72.7

182 2.5 1.9 2.9

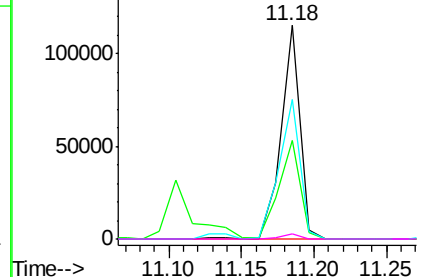
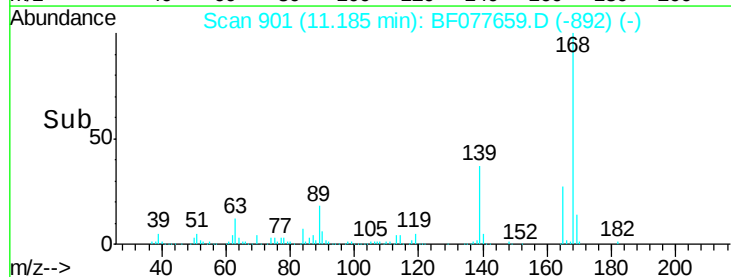


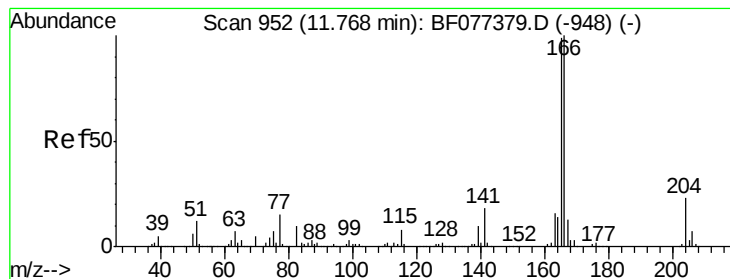
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.11 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB81894BS

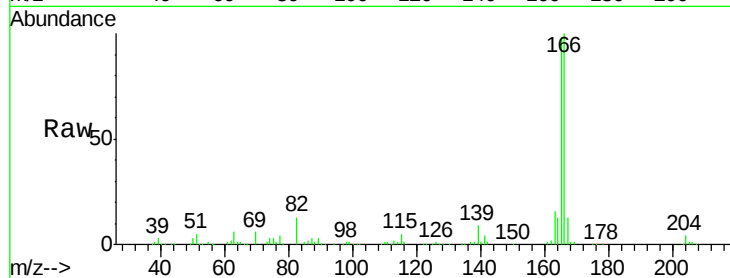
Tgt Ion:166 Resp: 327442

Ion Ratio Lower Upper

166 100

165 98.4 77.6 116.4

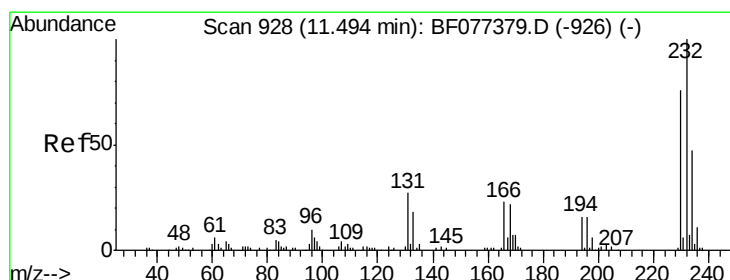
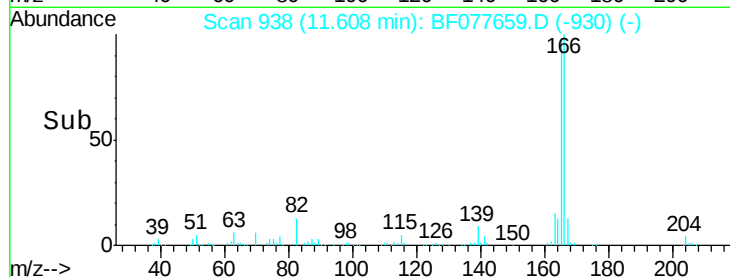
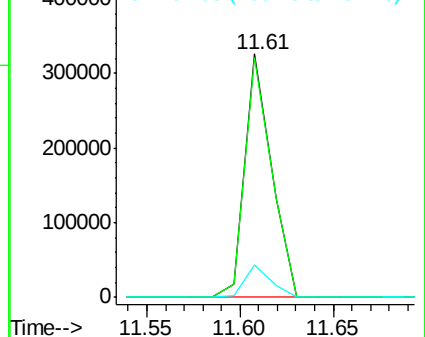
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.25 ng

RT: 11.34 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Tgt Ion:232 Resp: 81032

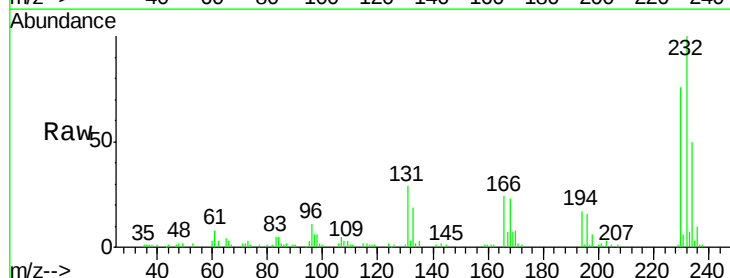
Ion Ratio Lower Upper

232 100

131 44.8 34.2 51.2

130 1.9 1.8 2.6

166 31.0 24.3 36.5

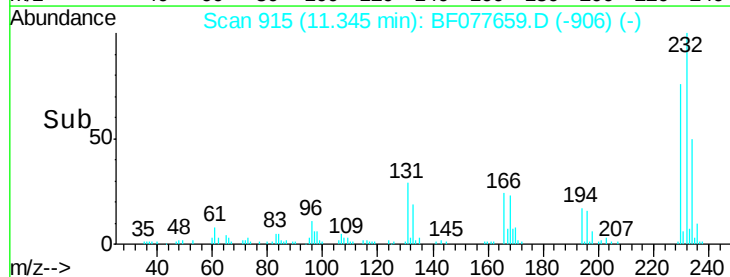
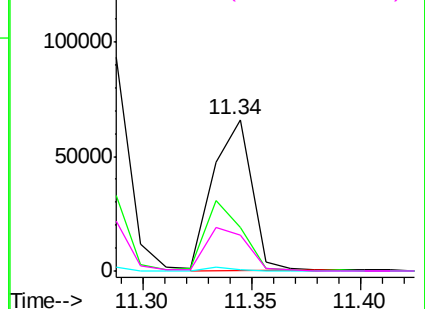


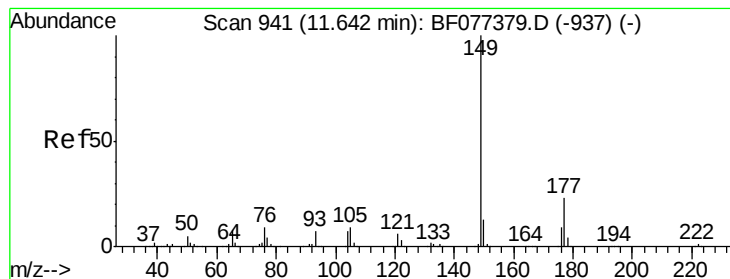
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.46 ng

RT: 11.49 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB81894BS

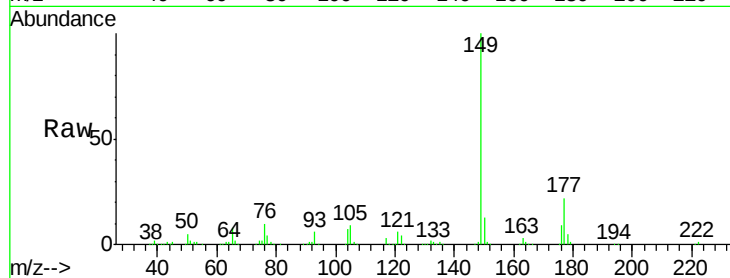
Tgt Ion:149 Resp: 330154

Ion Ratio Lower Upper

149 100

177 22.3 17.2 25.8

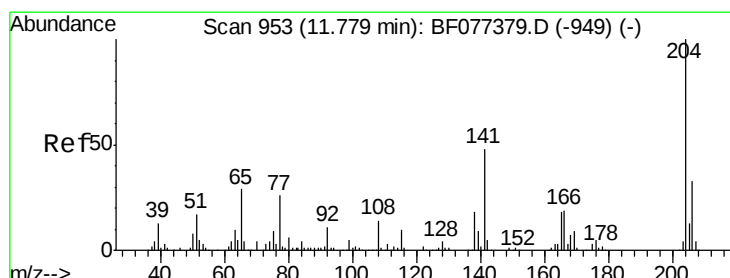
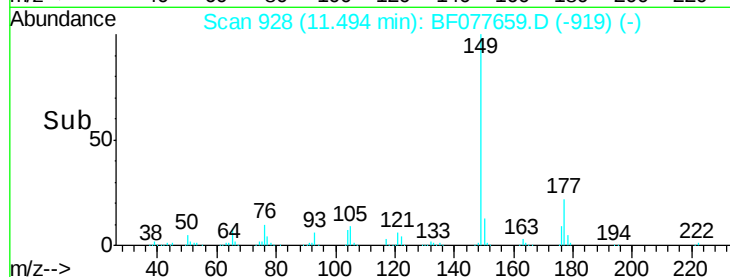
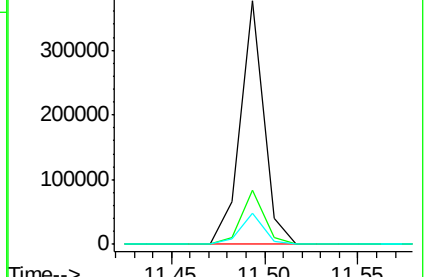
150 12.6 10.5 15.7



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: 43.01 ng

RT: 11.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

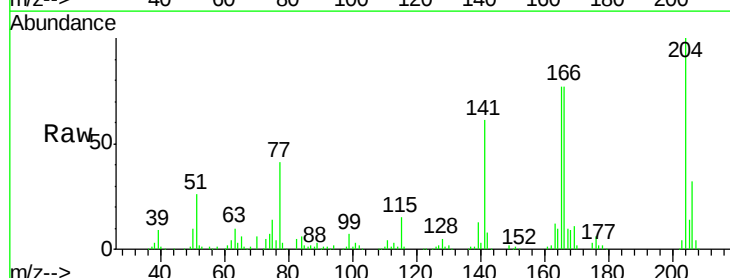
Tgt Ion:204 Resp: 157409

Ion Ratio Lower Upper

204 100

206 31.9 25.9 38.9

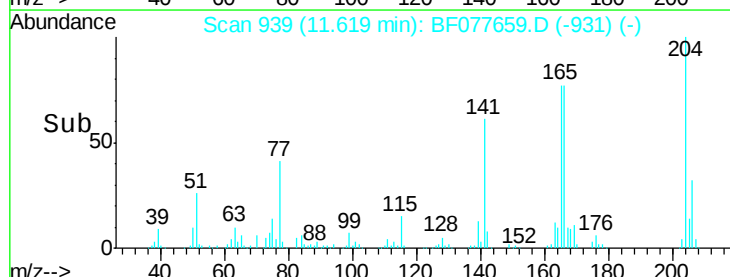
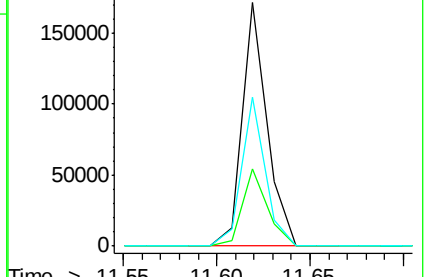
141 61.1 43.6 65.4

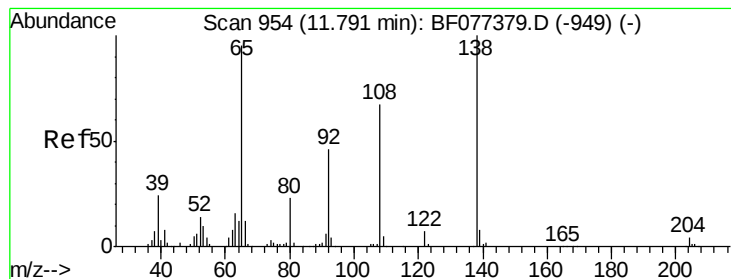


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.24 ng

RT: 11.64 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB81894BS

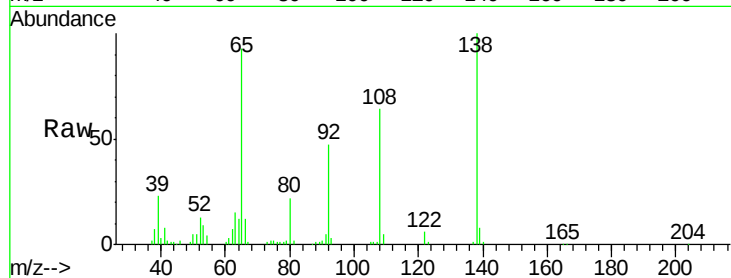
Tgt Ion:138 Resp: 75548

Ion Ratio Lower Upper

138 100

92 46.9 32.8 72.8

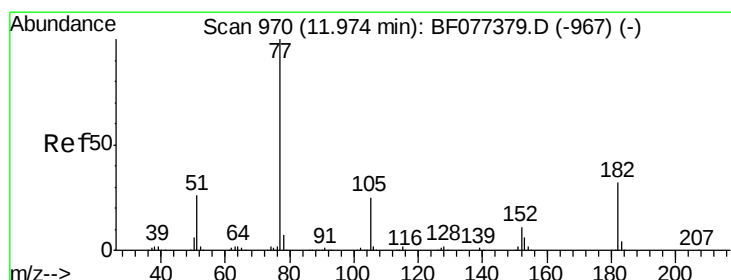
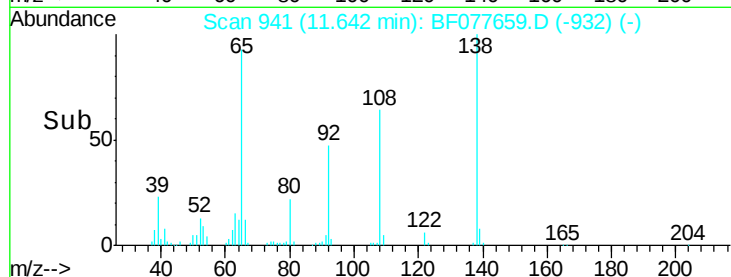
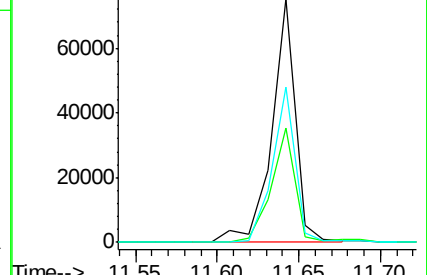
108 63.9 52.1 92.1



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: 42.29 ng

RT: 11.82 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Tgt Ion: 77 Resp: 304839

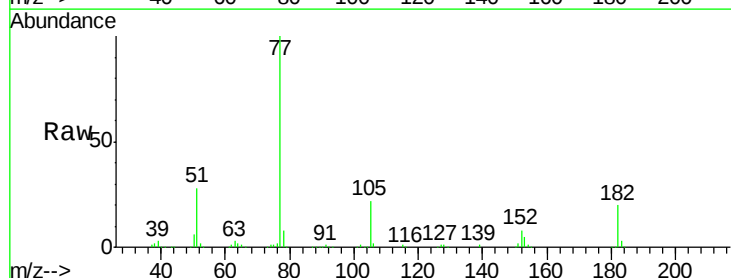
Ion Ratio Lower Upper

77 100

182 20.2 4.9 44.9

105 22.3 3.3 43.3

51 27.8 8.9 48.9

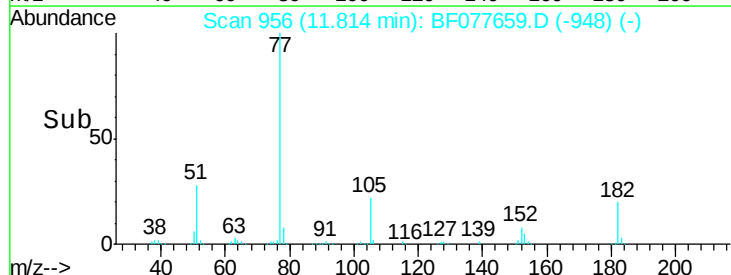
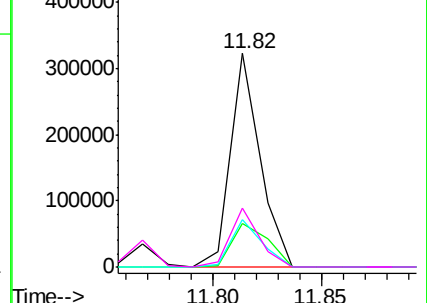


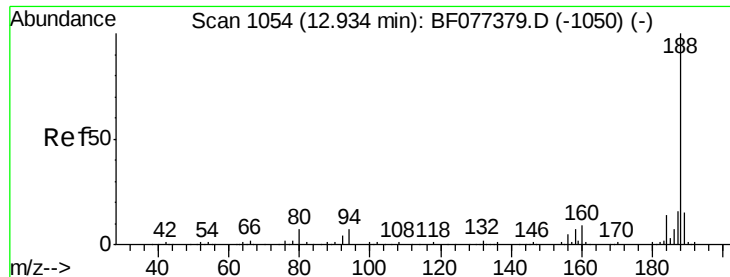
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

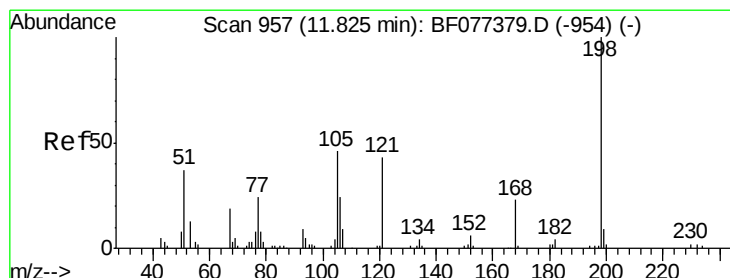
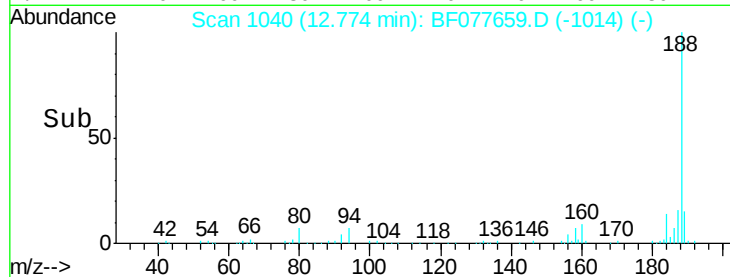
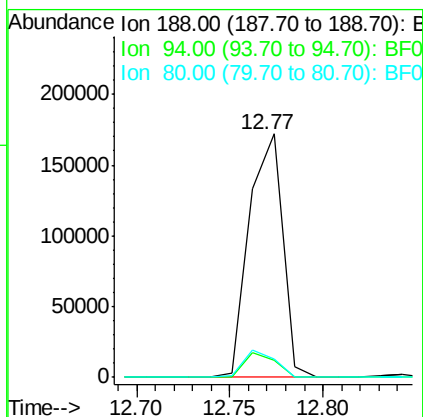
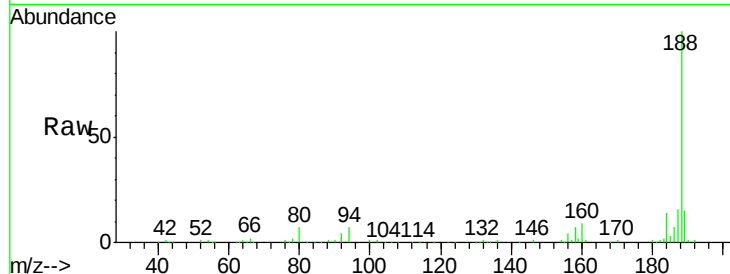




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

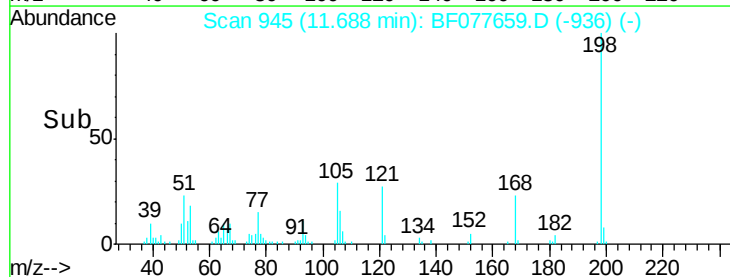
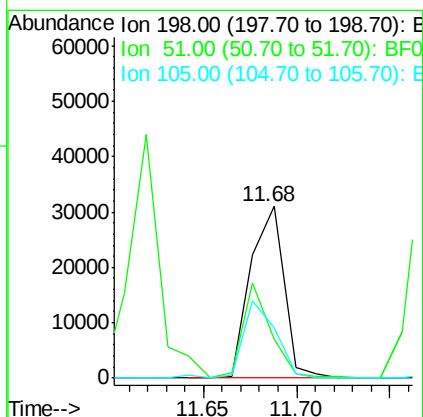
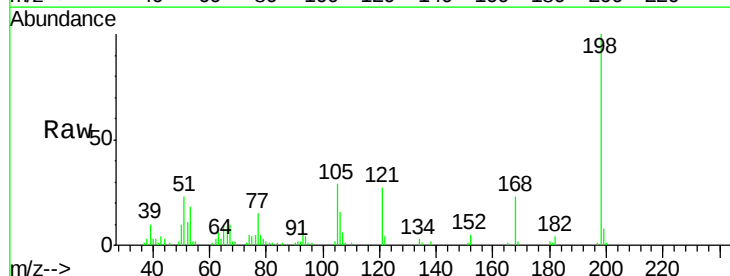
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BS

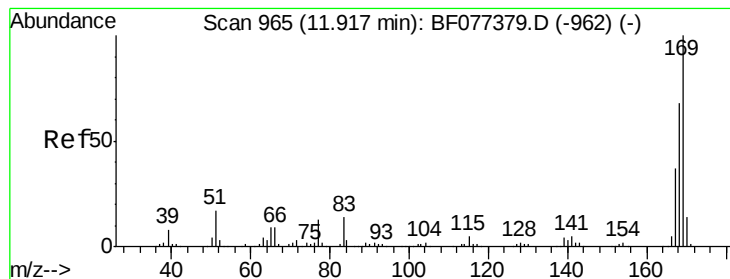
Tgt Ion:188 Resp: 216875
 Ion Ratio Lower Upper
 188 100
 94 7.1 7.4 11.2#
 80 7.3 8.0 12.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.66 ng
 RT: 11.68 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Tgt Ion:198 Resp: 38407
 Ion Ratio Lower Upper
 198 100
 51 22.9 2.7 42.7
 105 29.3 10.0 50.0

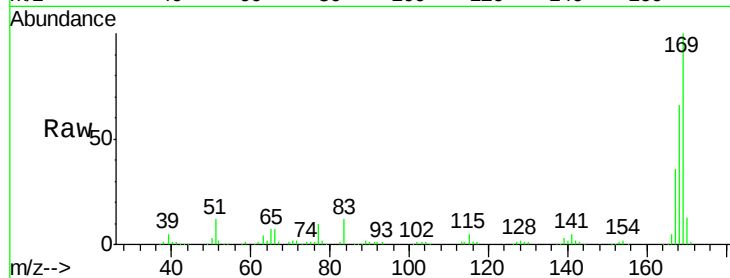




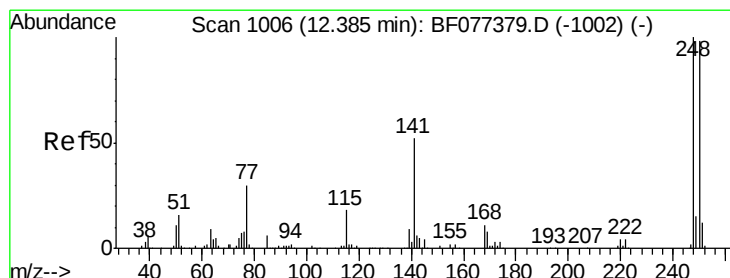
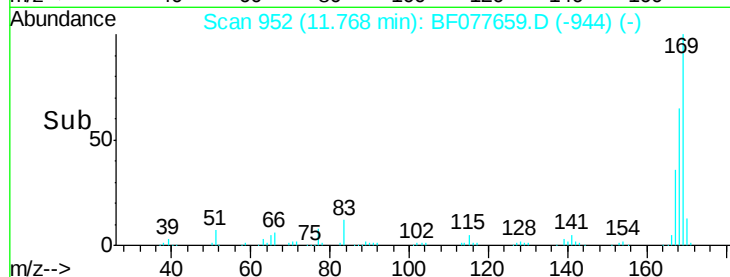
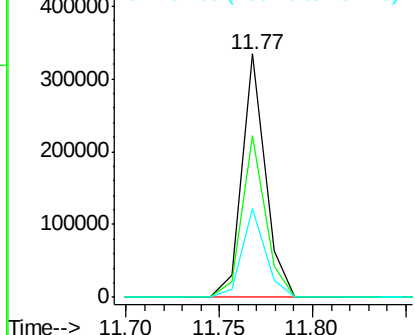
#65
 n-Nitrosodiphenylamine
 Concen: 40.92 ng
 RT: 11.77 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BS

Tgt Ion:169 Resp: 294434
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.0 79.6
 167 36.3 29.5 44.3

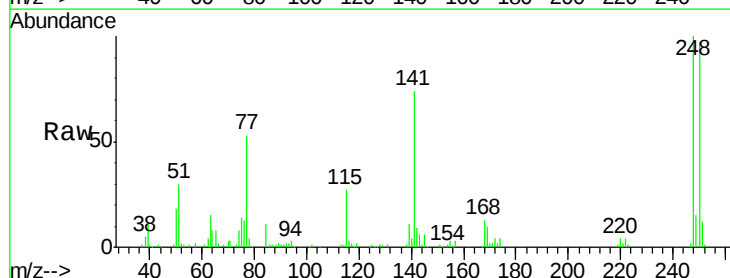


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

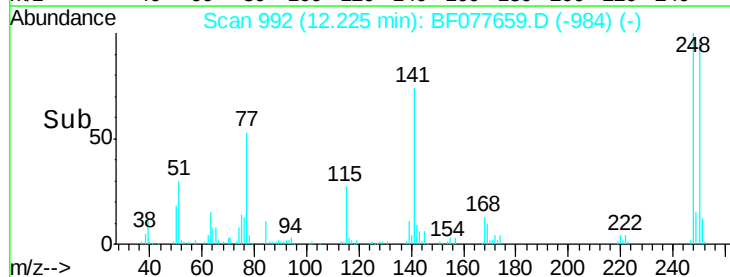
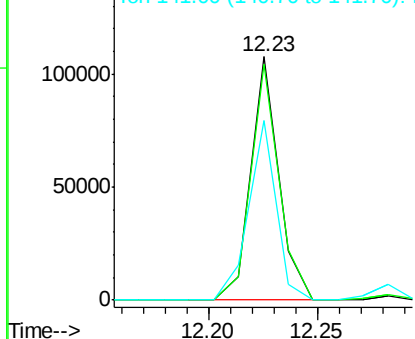


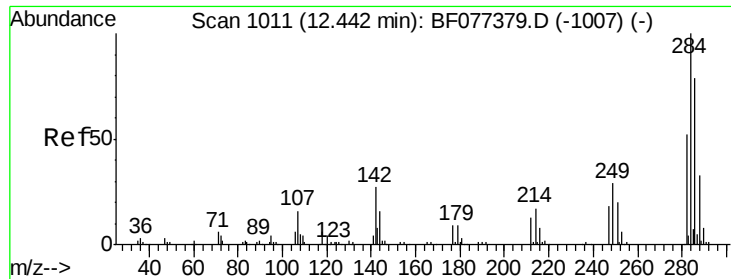
#66
 4-Bromophenyl-phenylether
 Concen: 37.85 ng
 RT: 12.23 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Tgt Ion:248 Resp: 96117
 Ion Ratio Lower Upper
 248 100
 250 97.1 78.0 117.0
 141 73.9 54.1 81.1



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

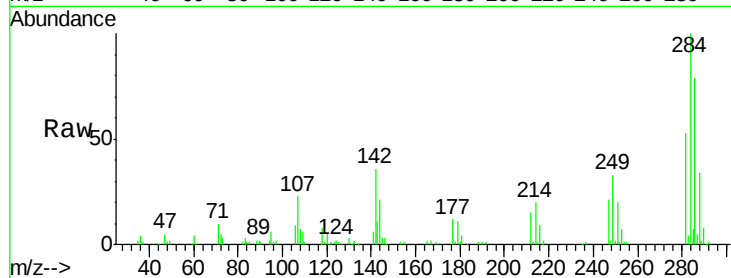




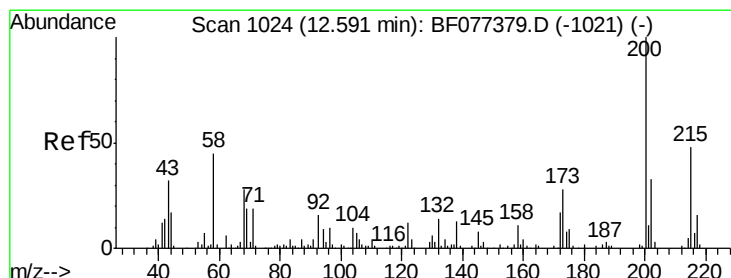
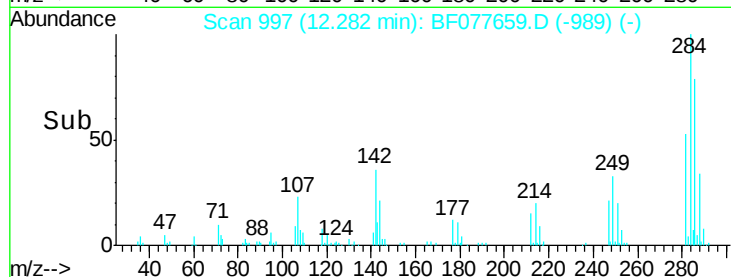
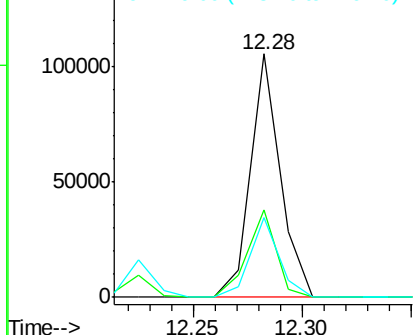
#67
Hexachlorobenzene
Concen: 36.62 ng
RT: 12.28 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

Instrument :
BNA_F
ClientSampleId :
PB81894BS

Tgt Ion:284 Resp: 99814
Ion Ratio Lower Upper
284 100
142 36.0 31.6 47.4
249 32.8 27.0 40.4

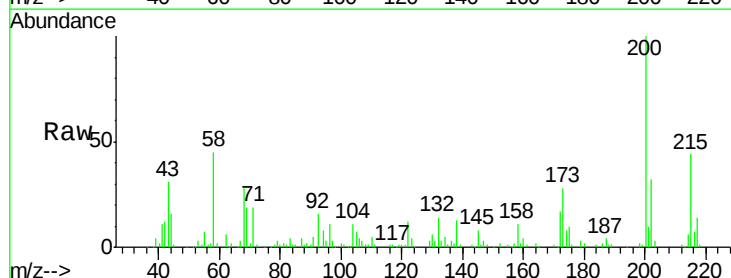


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

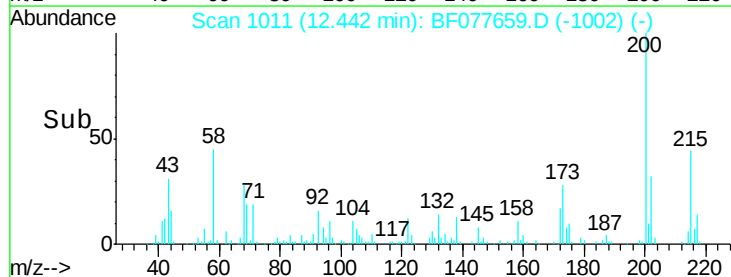
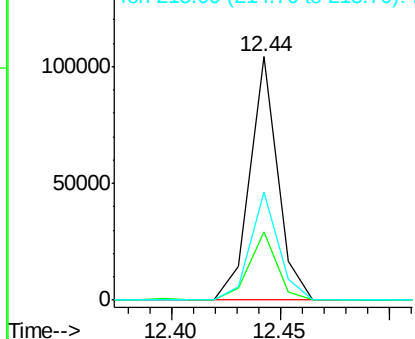


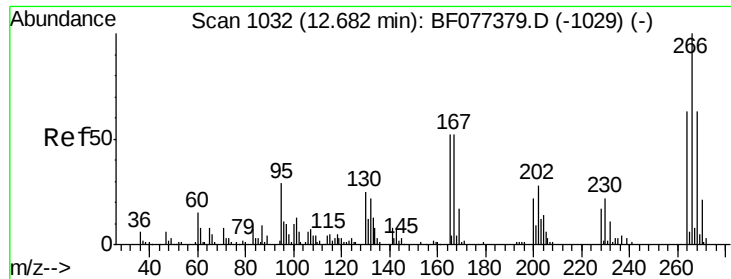
#68
Atrazine
Concen: 39.65 ng
RT: 12.44 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

Tgt Ion:200 Resp: 92769
Ion Ratio Lower Upper
200 100
173 27.9 9.6 49.6
215 44.5 24.4 64.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

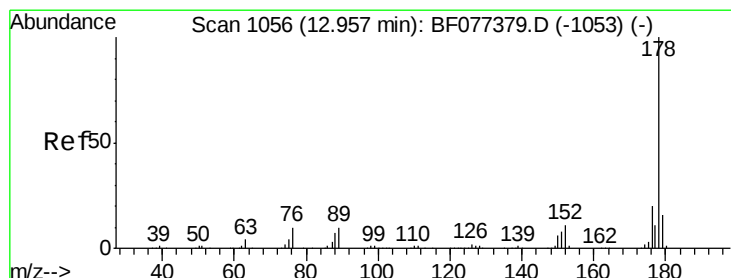
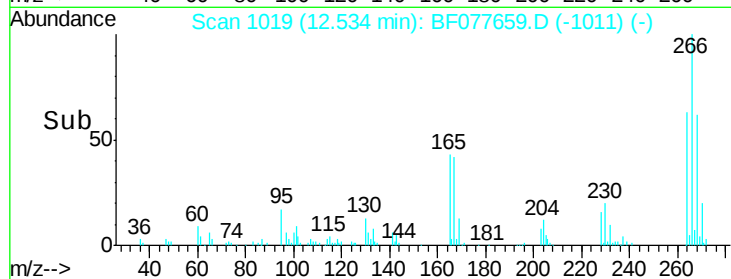
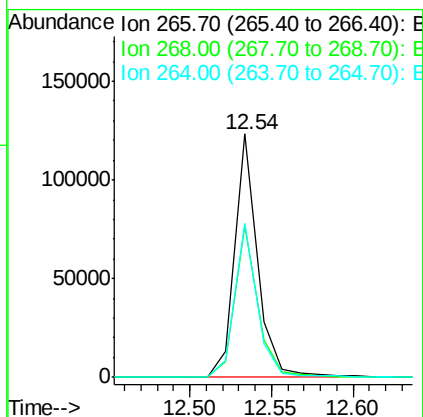
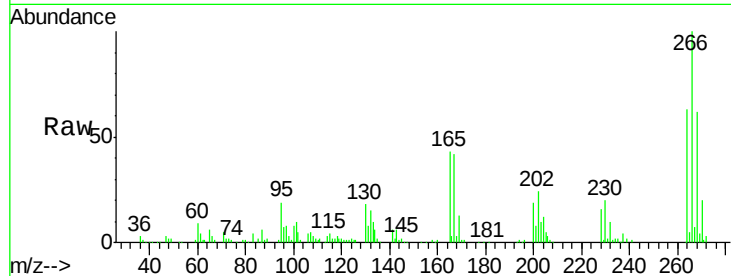




#69
 Pentachlorophenol
 Concen: 82.55 ng
 RT: 12.54 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

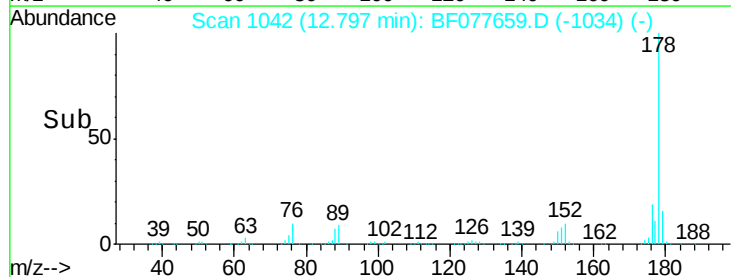
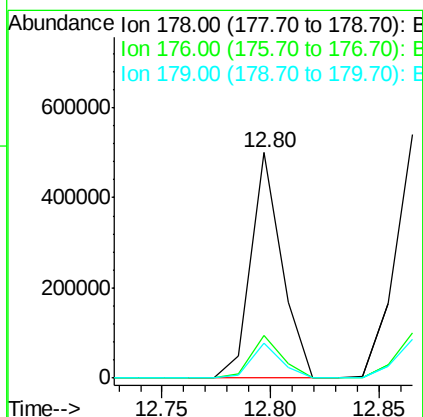
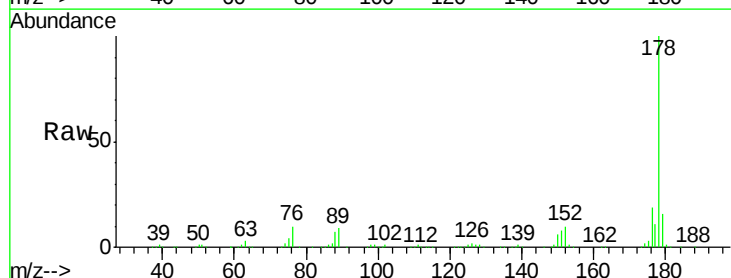
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BS

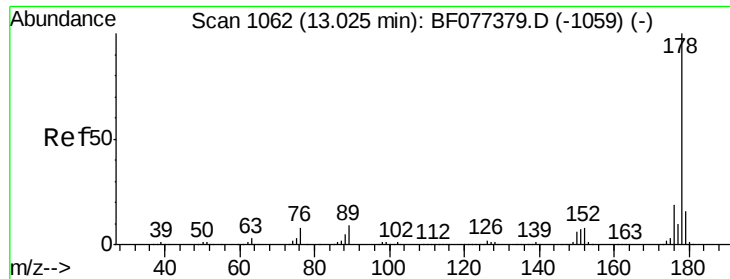
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.2	76.8
264	63.1	50.7	76.1



#70
 Phenanthrene
 Concen: 39.24 ng
 RT: 12.80 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.5	12.2	18.2

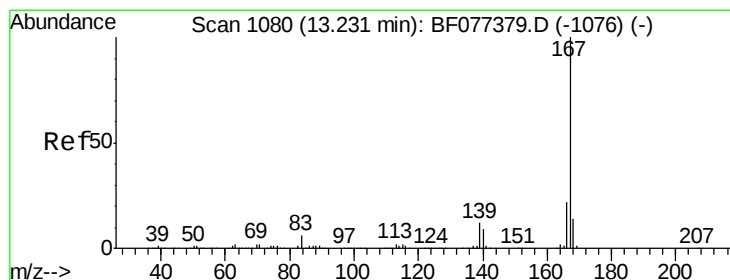
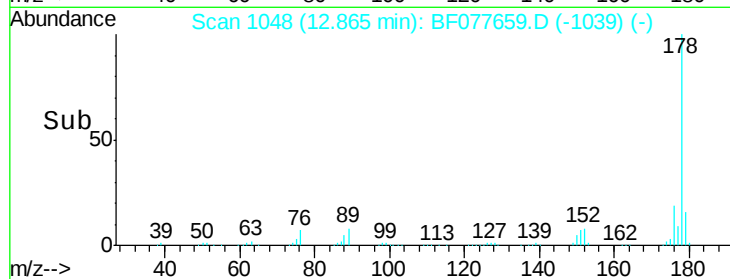
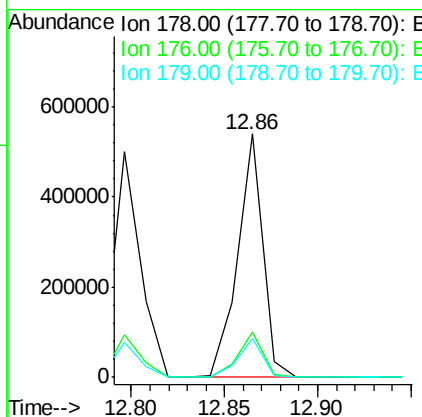
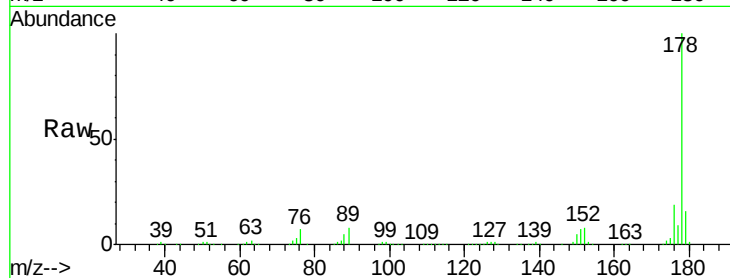




#71
 Anthracene
 Concen: 40.86 ng
 RT: 12.86 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

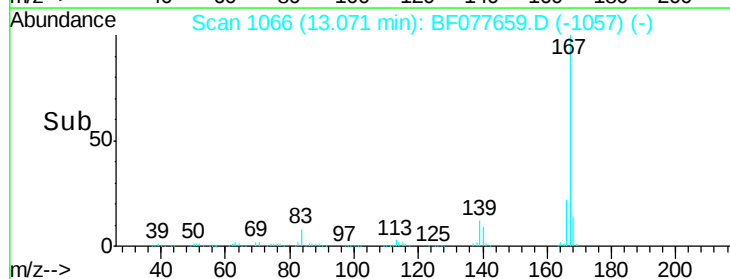
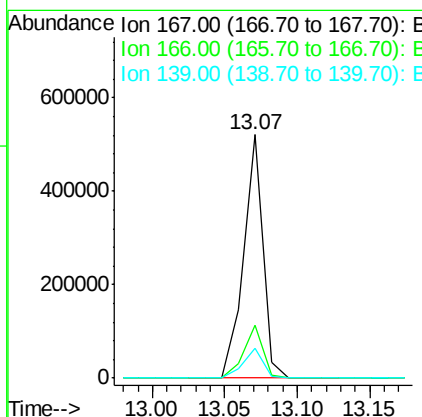
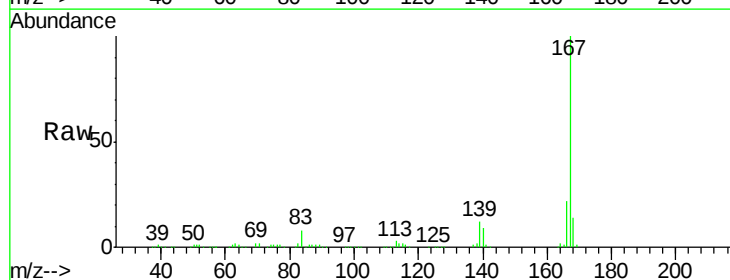
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BS

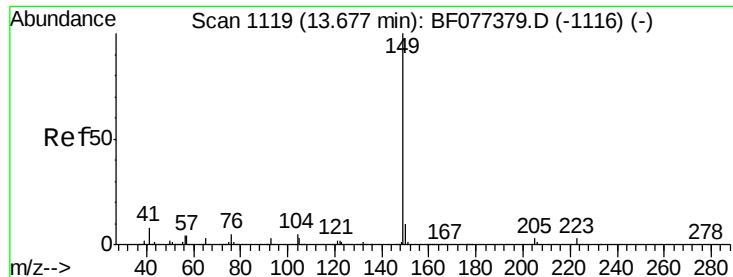
Tgt Ion:178 Resp: 509726
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 16.0 12.9 19.3



#72
 Carbazole
 Concen: 40.90 ng
 RT: 13.07 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Tgt Ion:167 Resp: 485052
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.3 9.9 14.9

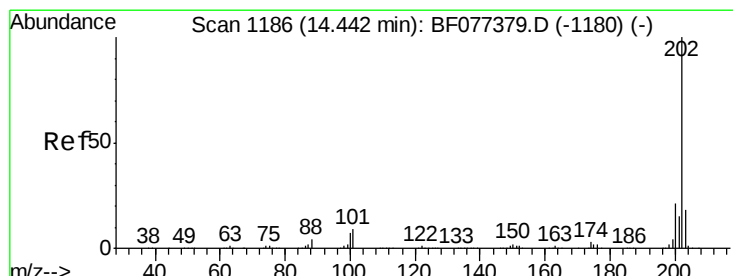
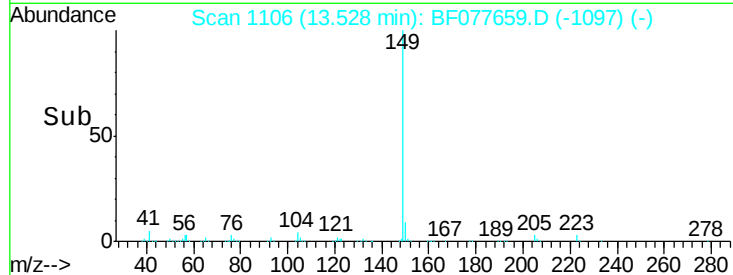
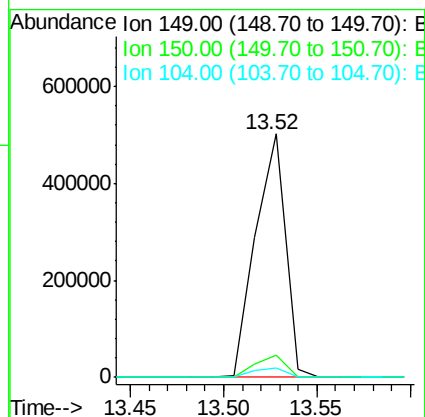
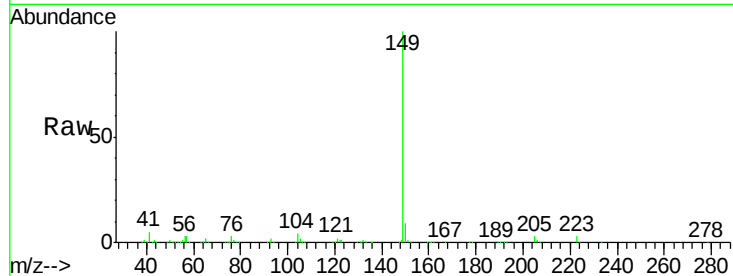




#73
Di-n-butylphthalate
Concen: 40.05 ng
RT: 13.52 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

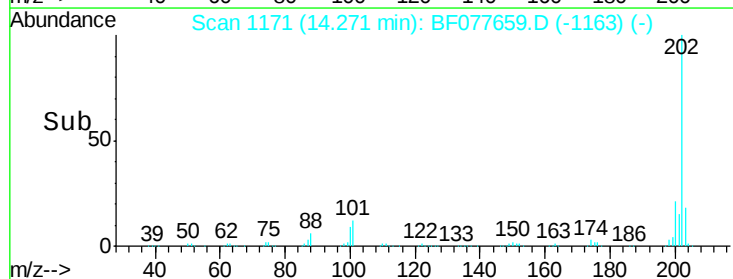
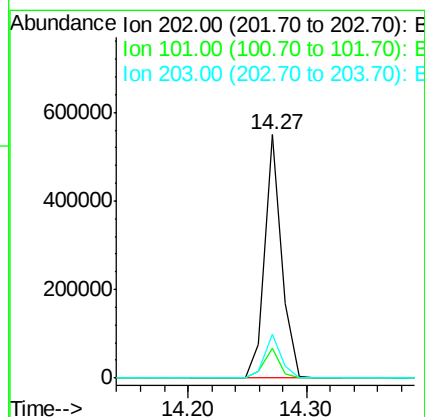
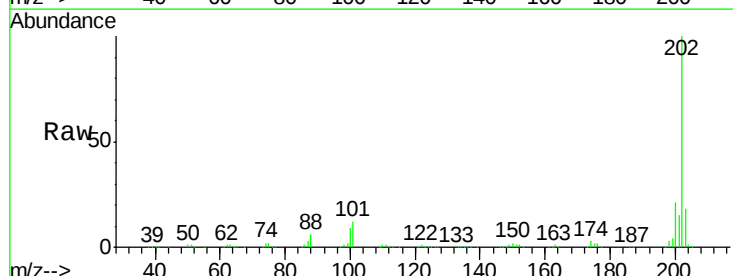
Instrument :
BNA_F
ClientSampleId :
PB81894BS

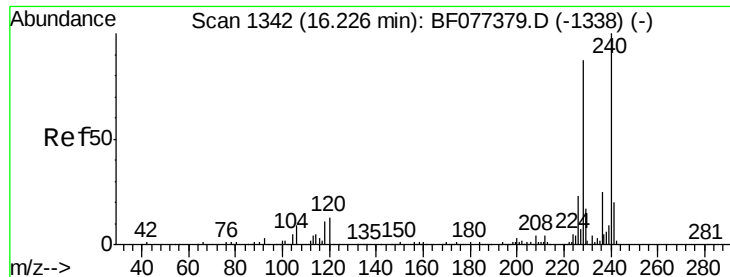
Tgt Ion:149 Resp: 557779
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.8
104 3.9 4.1 6.1#



#74
Fluoranthene
Concen: 40.03 ng
RT: 14.27 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

Tgt Ion:202 Resp: 549711
Ion Ratio Lower Upper
202 100
101 12.4 0.0 30.8
203 17.9 0.0 37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.06 min Scan# 1327

Delta R.T. -0.03 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB81894BS

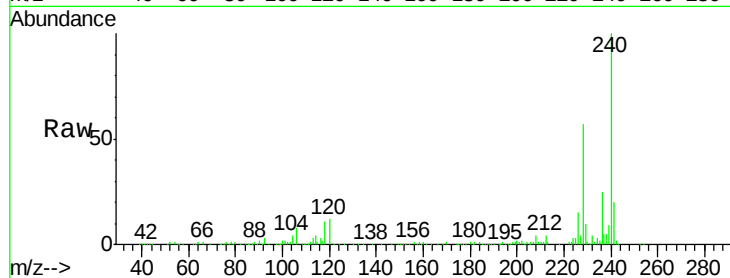
Tgt Ion:240 Resp: 233608

Ion Ratio Lower Upper

240 100

120 11.8 8.8 13.2

236 25.0 20.7 31.1

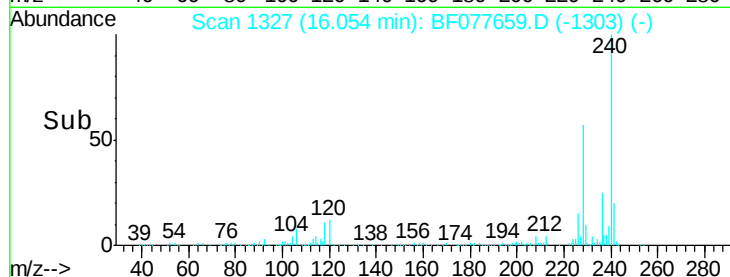


Abundance Ion 240.00 (239.70 to 240.70): E

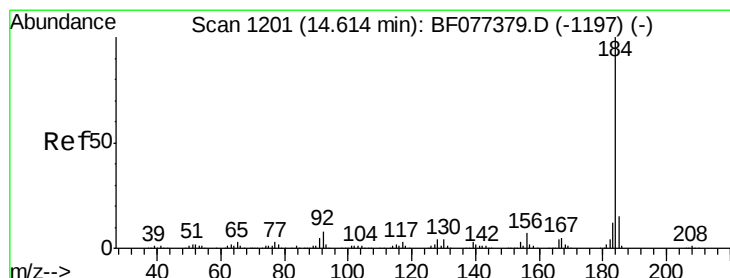
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

16.06



Time-->



#76

Benzidine

Concen: 23.91 ng

RT: 14.46 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

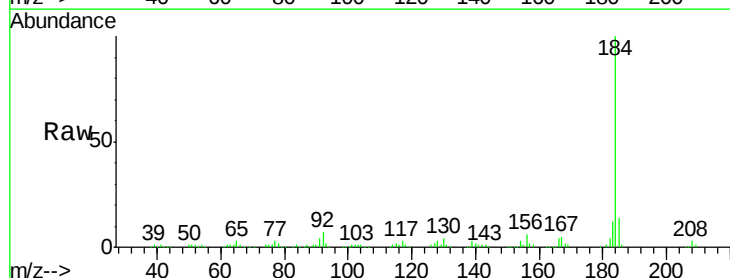
Tgt Ion:184 Resp: 188681

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

183 11.5 9.3 13.9

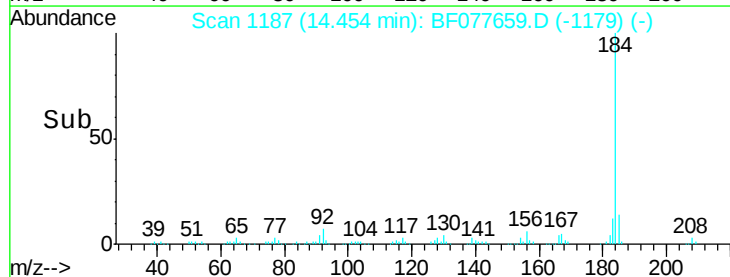


Abundance Ion 184.00 (183.70 to 184.70): E

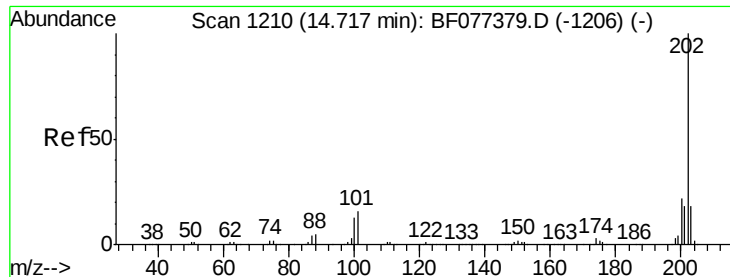
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

14.46



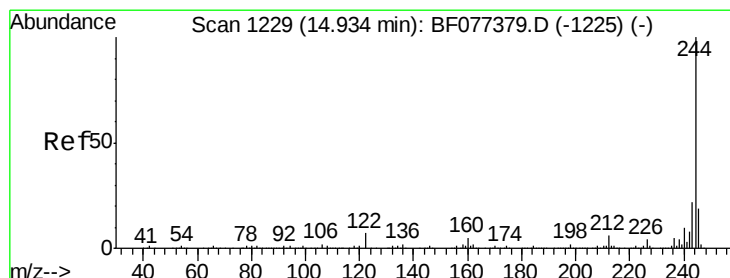
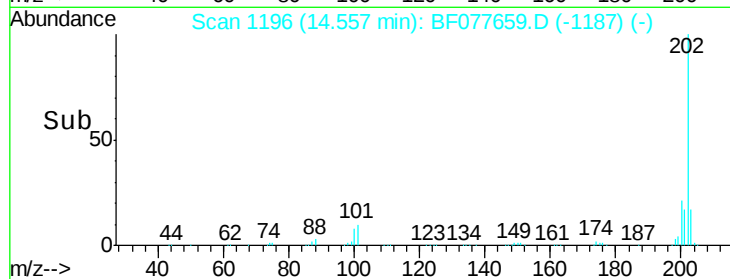
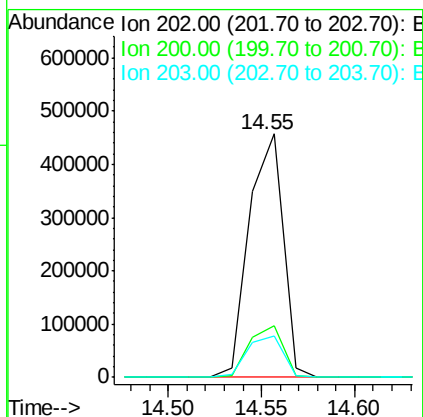
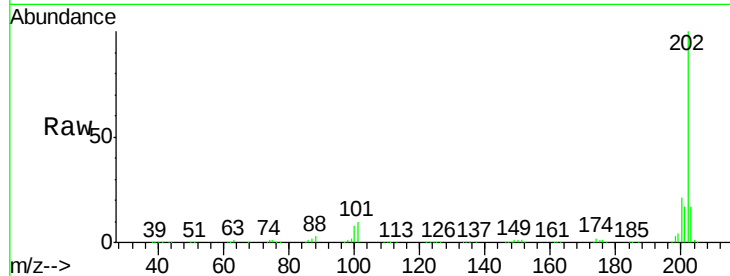
Time-->



#77
 Pyrene
 Concen: 40.47 ng
 RT: 14.55 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

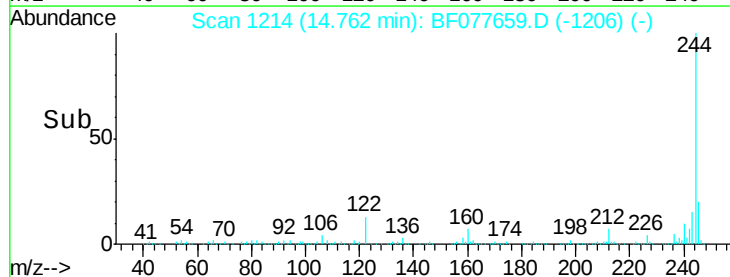
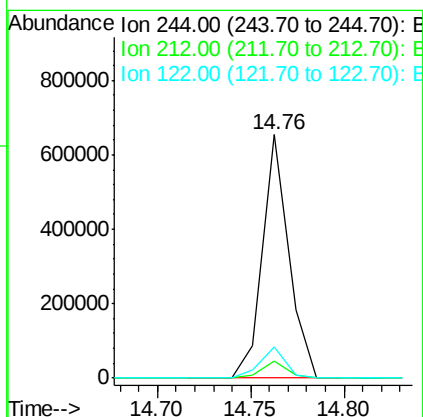
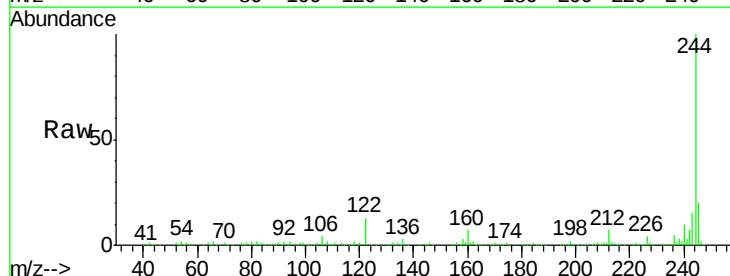
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BS

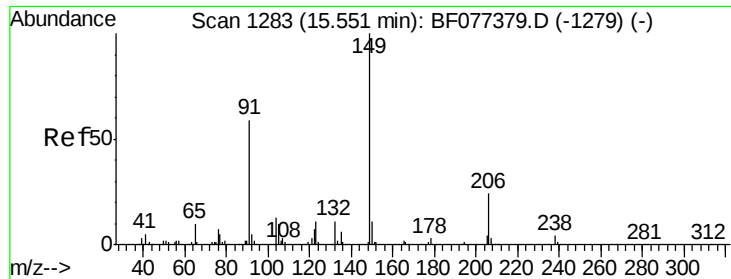
Tgt Ion: 202 Resp: 578325
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.1 25.7
 203 17.3 14.2 21.2



#78
 Terphenyl-d14
 Concen: 63.74 ng
 RT: 14.76 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Tgt Ion: 244 Resp: 636889
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.2 7.8
 122 12.8 7.8 11.8#





#79

Butylbenzylphthalate

Concen: 42.02 ng

RT: 15.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

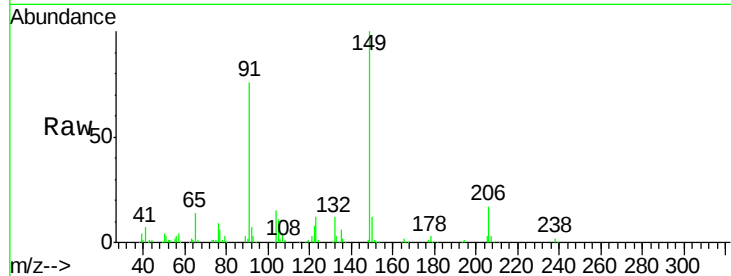
Instrument :

BNA_F

ClientSampleId :

PB81894BS

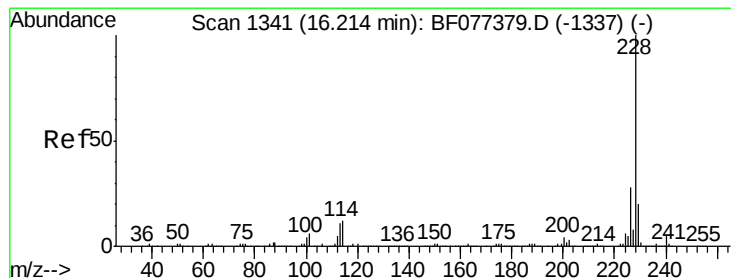
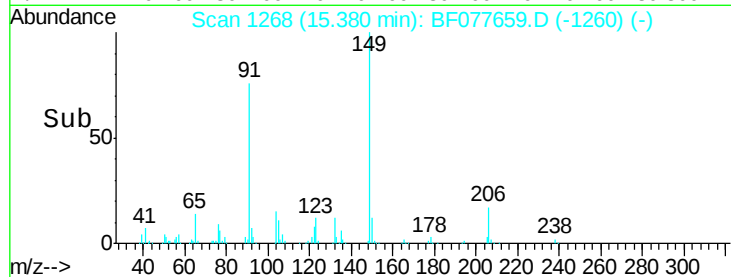
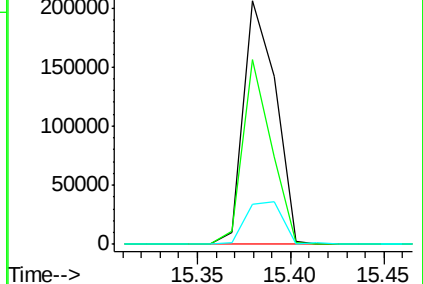
Tgt Ion:	149	Resp:	247057
Ion Ratio	Lower	Upper	
149	100		
91	76.1	51.2	76.8
206	16.7	17.8	26.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.98 ng

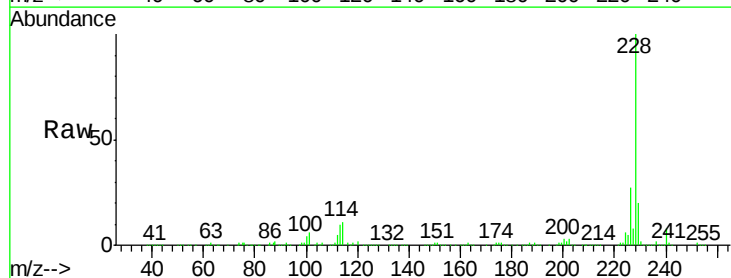
RT: 16.04 min Scan# 1326

Delta R.T. -0.03 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

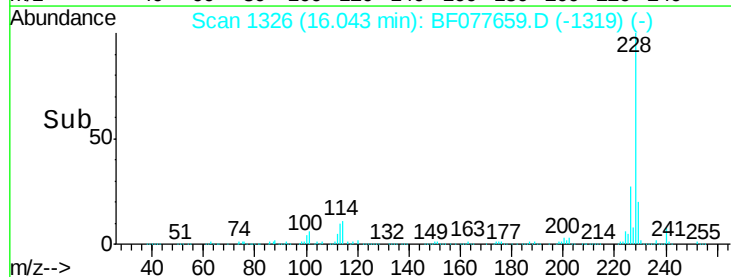
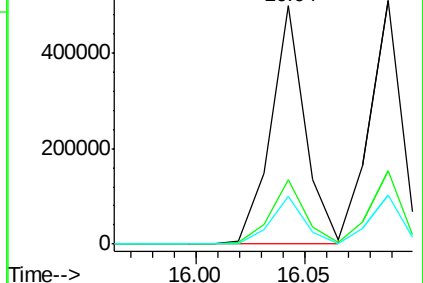
Tgt Ion:	228	Resp:	547351
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.0	33.0
229	19.8	15.8	23.8

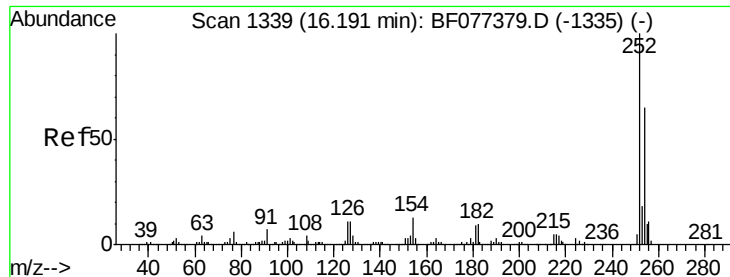


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

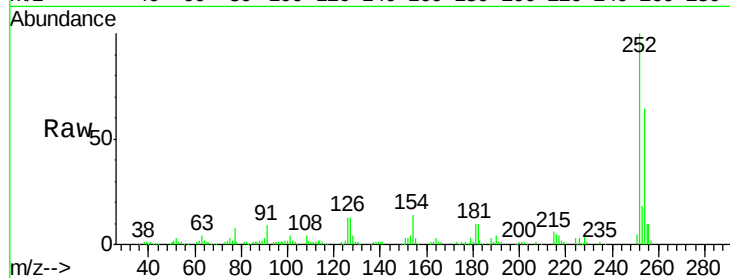




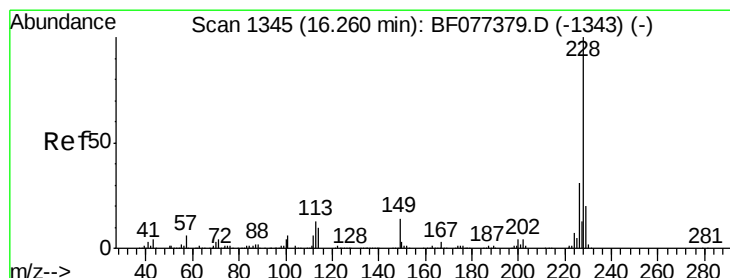
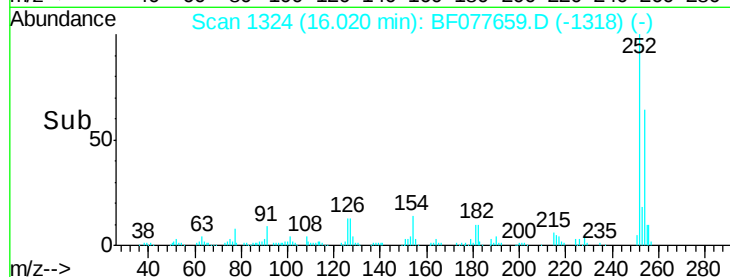
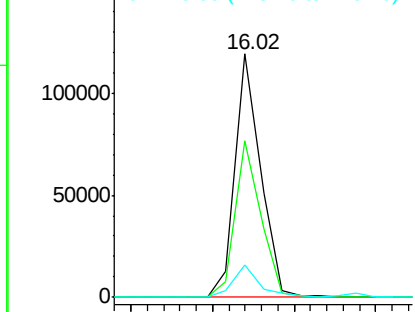
#81
 3,3'-Dichlorobenzidine
 Concen: 25.74 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.03 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BS

Tgt Ion: 252 Resp: 129133
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.9 79.3
 126 13.2 7.3 10.9#

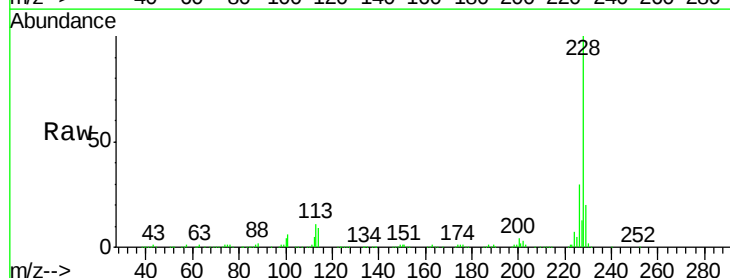


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

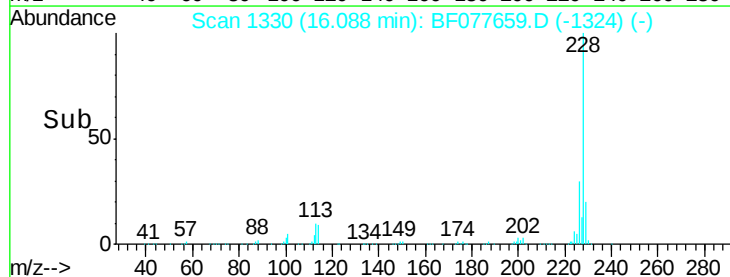
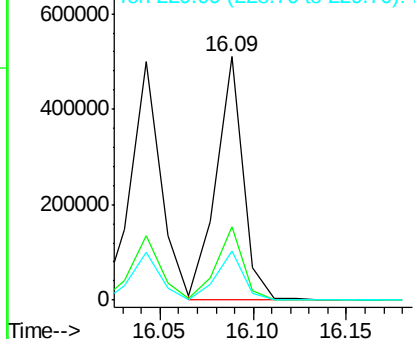


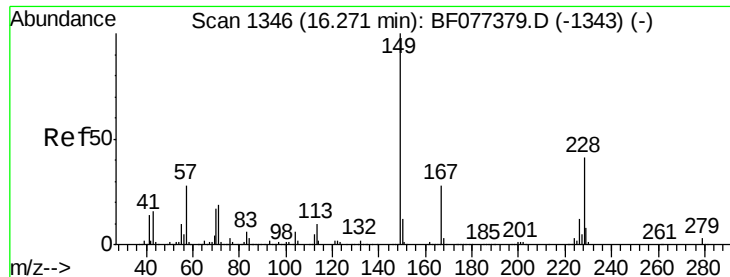
#82
 Chrysene
 Concen: 39.79 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. -0.03 min
 Lab File: BF077659.D
 Acq: 10 Mar 2015 14:20

Tgt Ion: 228 Resp: 511491
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 20.1 16.4 24.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.47 ng

RT: 16.11 min Scan# 1332

Delta R.T. -0.03 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB81894BS

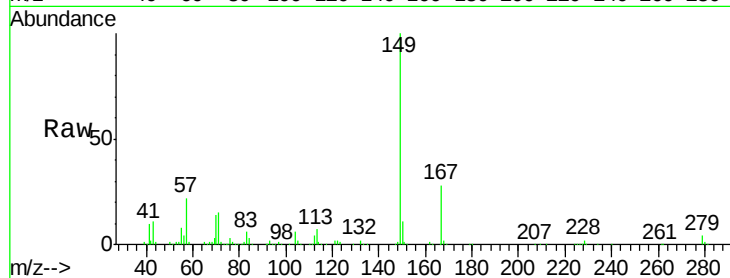
Tgt Ion:149 Resp: 353231

Ion Ratio Lower Upper

149 100

167 28.1 22.8 34.2

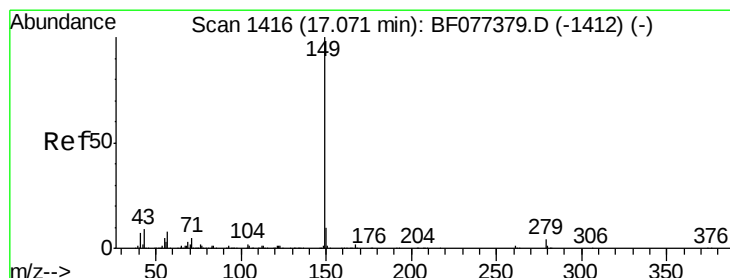
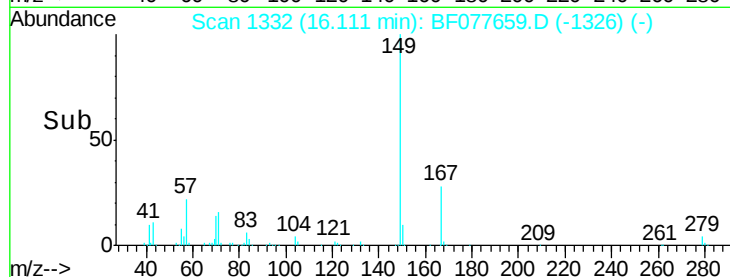
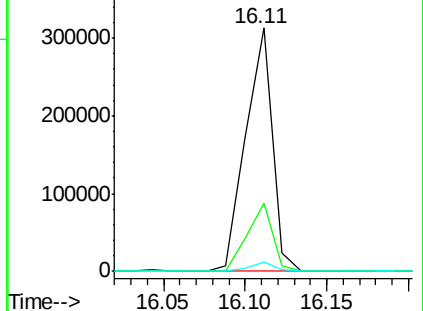
279 3.9 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.35 ng

RT: 16.91 min Scan# 1402

Delta R.T. -0.07 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

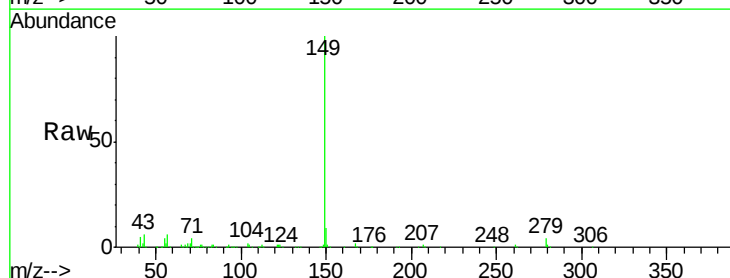
Tgt Ion:149 Resp: 619291

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

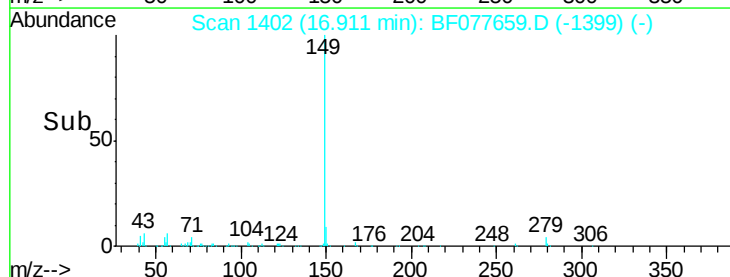
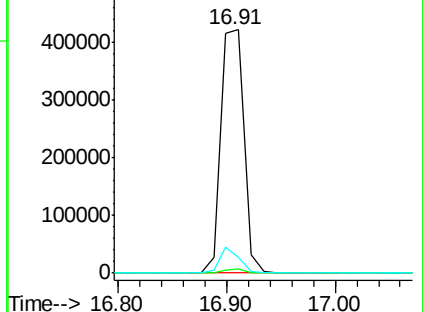
43 8.5 8.1 12.1

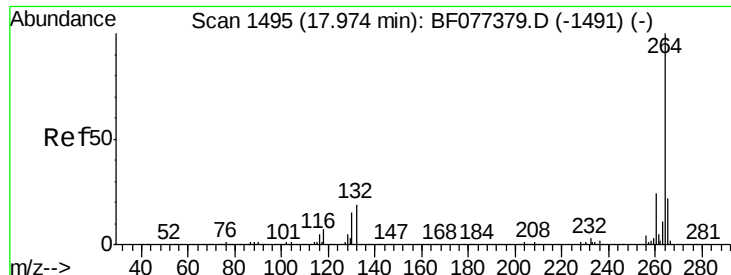


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

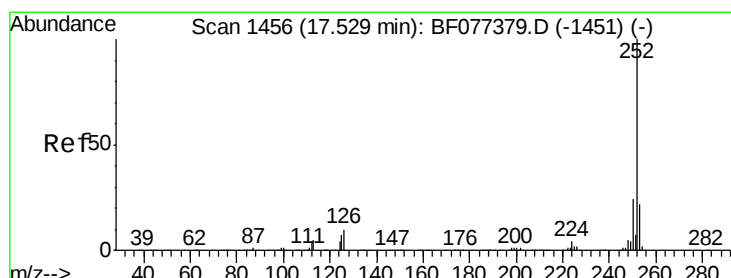
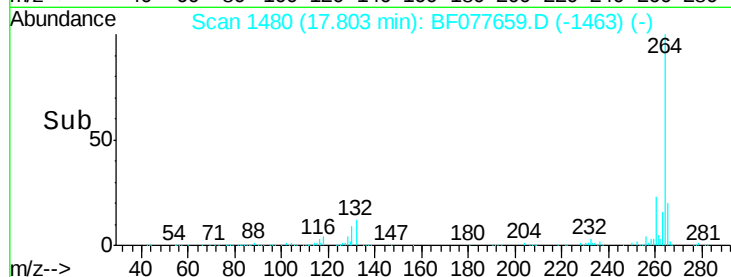
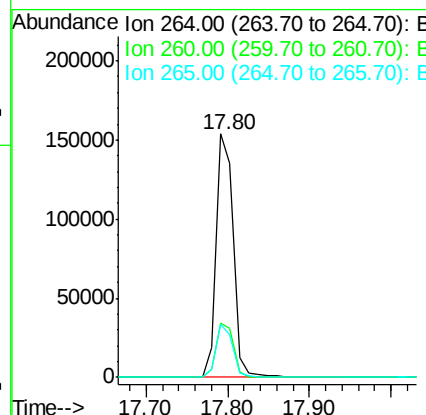
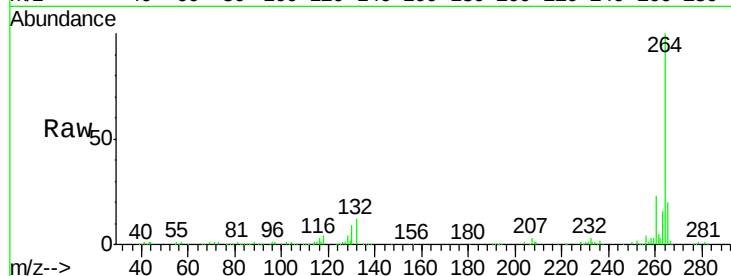




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.80 min Scan# 1480
Delta R.T. -0.11 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

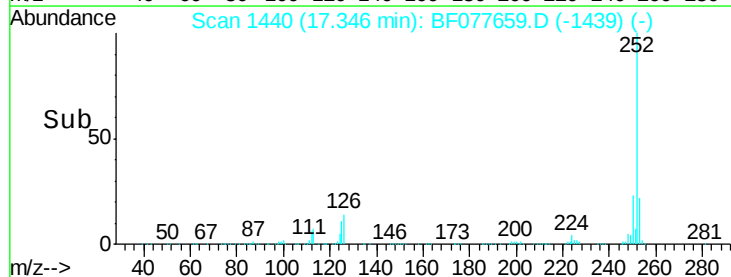
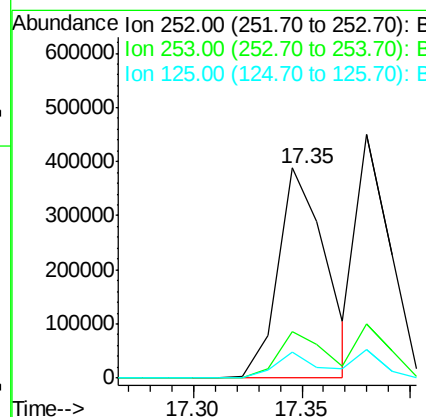
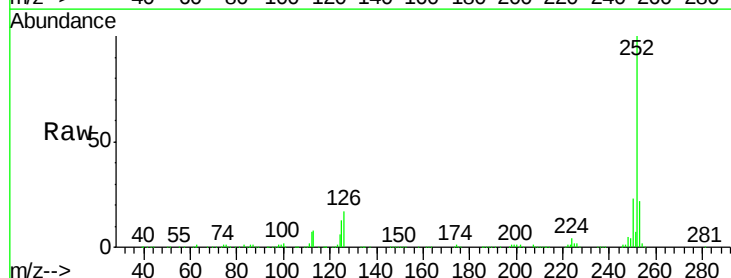
Instrument :
BNA_F
ClientSampleId :
PB81894BS

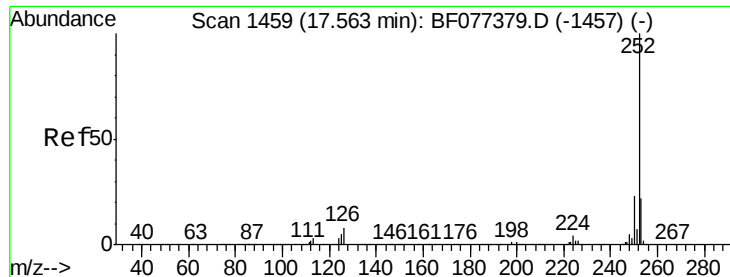
Tgt Ion: 264 Resp: 225375
Ion Ratio Lower Upper
264 100
260 23.1 19.3 28.9
265 20.2 16.8 25.2



#87
Benzo(b)fluoranthene
Concen: 45.05 ng
RT: 17.35 min Scan# 1440
Delta R.T. -0.09 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

Tgt Ion: 252 Resp: 590400
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 12.6 5.4 8.2#

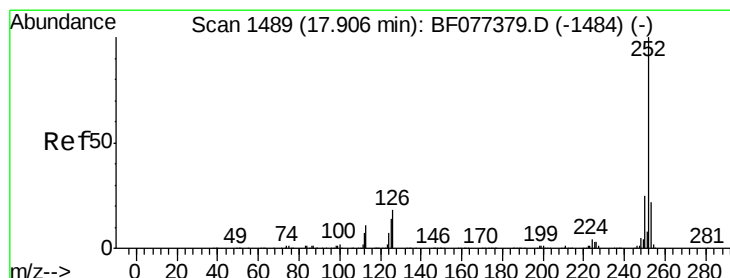
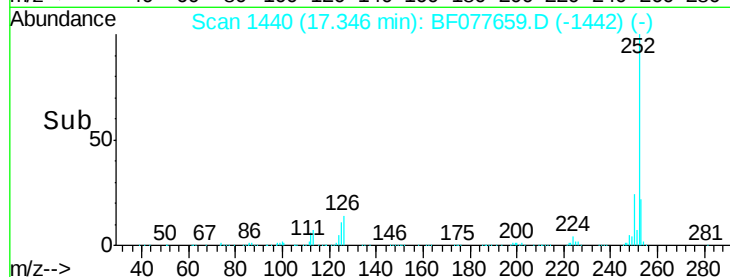
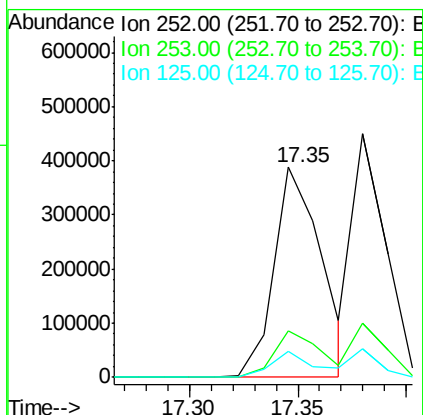
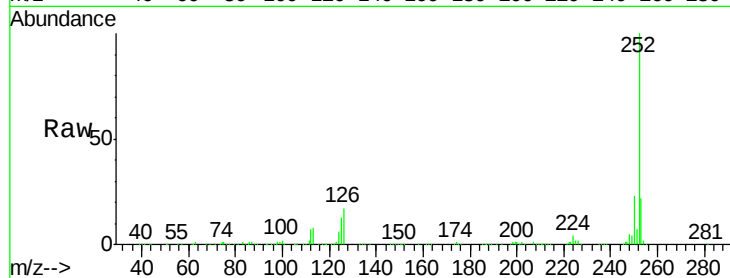




#88
Benzo(k)fluoranthene
Concen: 45.97 ng
RT: 17.35 min Scan# 1440
Delta R.T. -0.12 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

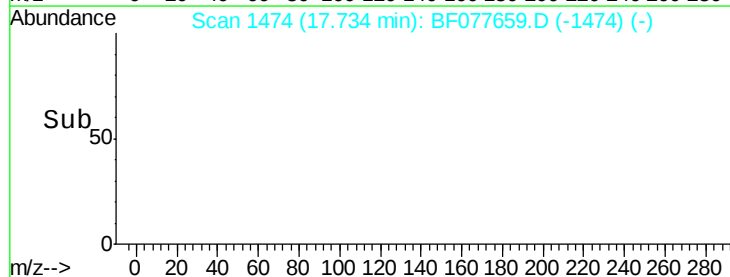
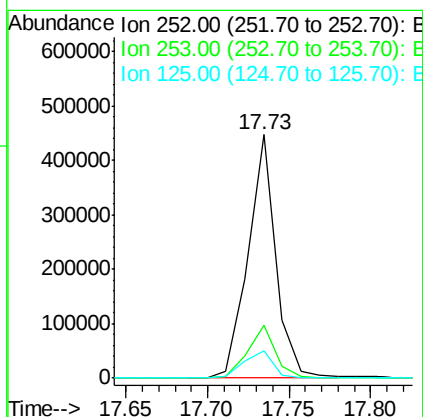
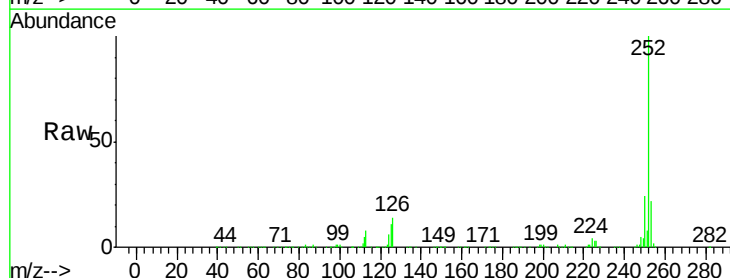
Instrument :
BNA_F
ClientSampleId :
PB81894BS

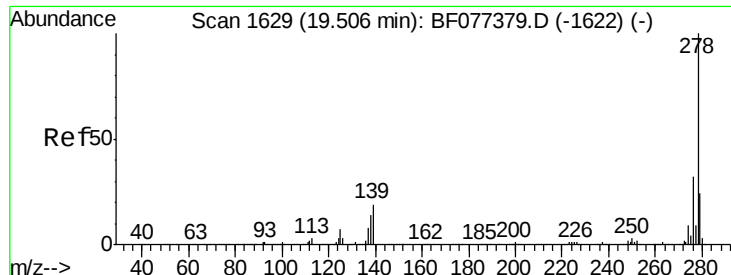
Tgt Ion: 252 Resp: 590400
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 12.6 10.1 15.1



#89
Benzo(a)pyrene
Concen: 42.23 ng
RT: 17.73 min Scan# 1474
Delta R.T. -0.11 min
Lab File: BF077659.D
Acq: 10 Mar 2015 14:20

Tgt Ion: 252 Resp: 527073
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 11.1 8.3 12.5





#90

Dibenzo(a,h)anthracene

Concen: 43.07 ng

RT: 19.23 min Scan# 1605

Delta R.T. -0.13 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB81894BS

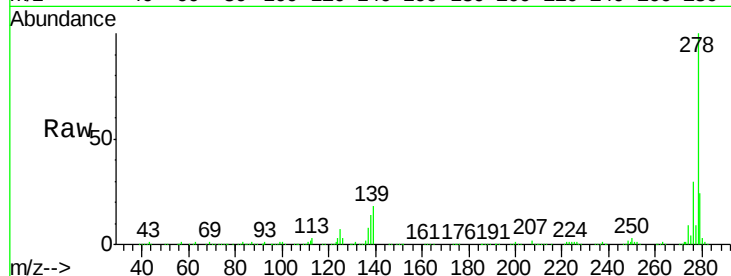
Tgt Ion:278 Resp: 512696

Ion Ratio Lower Upper

278 100

139 18.2 14.3 21.5

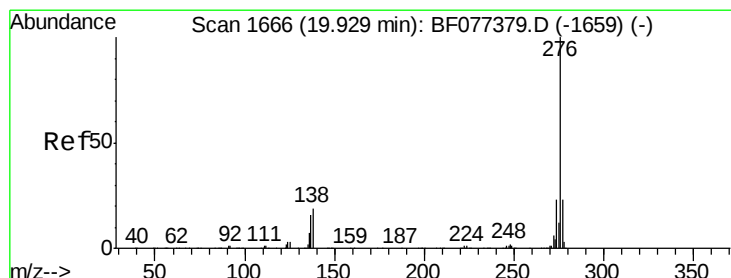
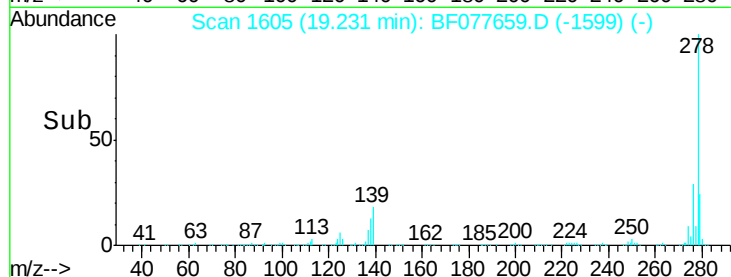
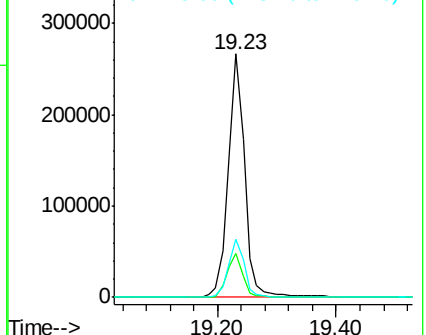
279 24.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 47.49 ng

RT: 19.62 min Scan# 1639

Delta R.T. -0.13 min

Lab File: BF077659.D

Acq: 10 Mar 2015 14:20

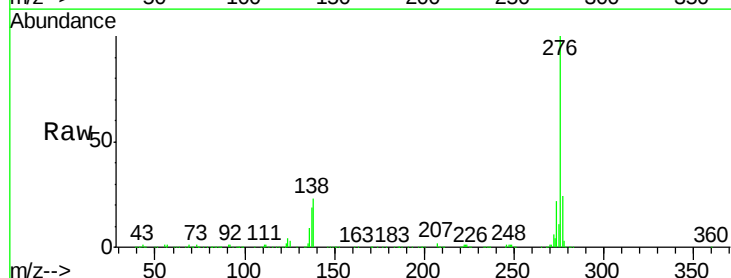
Tgt Ion:276 Resp: 570641

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 22.9 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

