

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
 Data File : BF077422.D
 Acq On : 24 Feb 2015 18:21
 Operator : IZ / TP
 Sample : PB81861BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BSD

Quant Time: Feb 25 01:21:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 25 00:25:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	72656	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	288525	20.00	ng	-0.01
38) Acenaphthene-d10	11.05	164	147924	20.00	ng	-0.01
63) Phenanthrene-d10	12.90	188	288596	20.00	ng	0.00
75) Chrysene-d12	16.19	240	316099	20.00	ng	-0.03
86) Perylene-d12	17.92	264	322703	20.00	ng	-0.14

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	337620	77.58	ng	0.00
7) Phenol-d6	6.85	99	433923	77.55	ng	-0.01
23) Nitrobenzene-d5	8.00	82	317967	68.53	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	117086	82.20	ng	-0.01
44) 2-Fluorobiphenyl	10.22	172	723029	76.21	ng	0.00
78) Terphenyl-d14	14.89	244	886450	65.56	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.26	88	59190	32.05	ng 97
3) Pyridine	2.99	79	175517	33.22	ng 95
4) n-Nitrosodimethylamine	2.91	42	86122	37.49	ng 94
6) Aniline	6.89	93	148998	19.27	ng 98
8) 2-Chlorophenol	7.02	128	188189	36.65	ng 99
10) Phenol	6.86	94	228624	34.43	ng 92
11) bis(2-Chloroethyl)ether	6.99	93	180715	37.88	ng 98
12) 1,3-Dichlorobenzene	7.22	146	195155	34.91	ng 99
13) 1,4-Dichlorobenzene	7.32	146	205547	36.14	ng 98
14) 1,2-Dichlorobenzene	7.50	146	197439	36.49	ng 100
15) Benzyl Alcohol	7.48	79	157811	37.10	ng 91
16) 2,2'-oxybis(1-Chloropropan	7.66	45	243065	35.64	ng 100
17) 2-Methylphenol	7.62	107	146606	36.53	ng 97
18) Hexachloroethane	7.93	117	69050	36.35	ng 99
19) n-Nitroso-di-n-propylamine	7.81	70	128894	36.27	ng 99
20) 3+4-Methylphenols	7.81	107	199227	37.69	ng 93
22) Acetophenone	7.80	105	248193	36.57	ng 95
24) Nitrobenzene	8.02	77	187457	38.40	ng 100
25) Isophorone	8.32	82	348490	37.86	ng 99
26) 2-Nitrophenol	8.41	139	88285	44.13	ng 100
27) 2,4-Dimethylphenol	8.46	122	167426	37.40	ng 97
28) bis(2-Chloroethoxy)methane	8.59	93	211436	36.36	ng 99
29) 2,4-Dichlorophenol	8.70	162	170921	40.68	ng 95
30) 1,2,4-Trichlorobenzene	8.81	180	171923	37.22	ng 98
31) Naphthalene	8.91	128	553142	38.34	ng 98
32) Benzoic acid	8.57	122	91793	42.20	ng 97
33) 4-Chloroaniline	8.98	127	133385	20.79	ng 97
34) Hexachlorobutadiene	9.06	225	95891	36.36	ng 99
35) Caprolactam	9.40	113	52343	40.81	ng # 79
36) 4-Chloro-3-methylphenol	9.57	107	160092	37.90	ng 90
37) 2-Methylnaphthalene	9.77	142	389176	37.98	ng 99
39) 1,2,4,5-Tetrachlorobenzene	9.97	216	169364	39.90	ng 98
40) Hexachlorocyclopentadiene	9.96	237	181306	79.66	ng 99
42) 2,4,6-Trichlorophenol	10.11	196	120865	43.00	ng 99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
 Data File : BF077422.D
 Acq On : 24 Feb 2015 18:21
 Operator : IZ / TP
 Sample : PB81861BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BSD

Quant Time: Feb 25 01:21:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 25 00:25:01 2015
 Response via : Initial Calibration

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

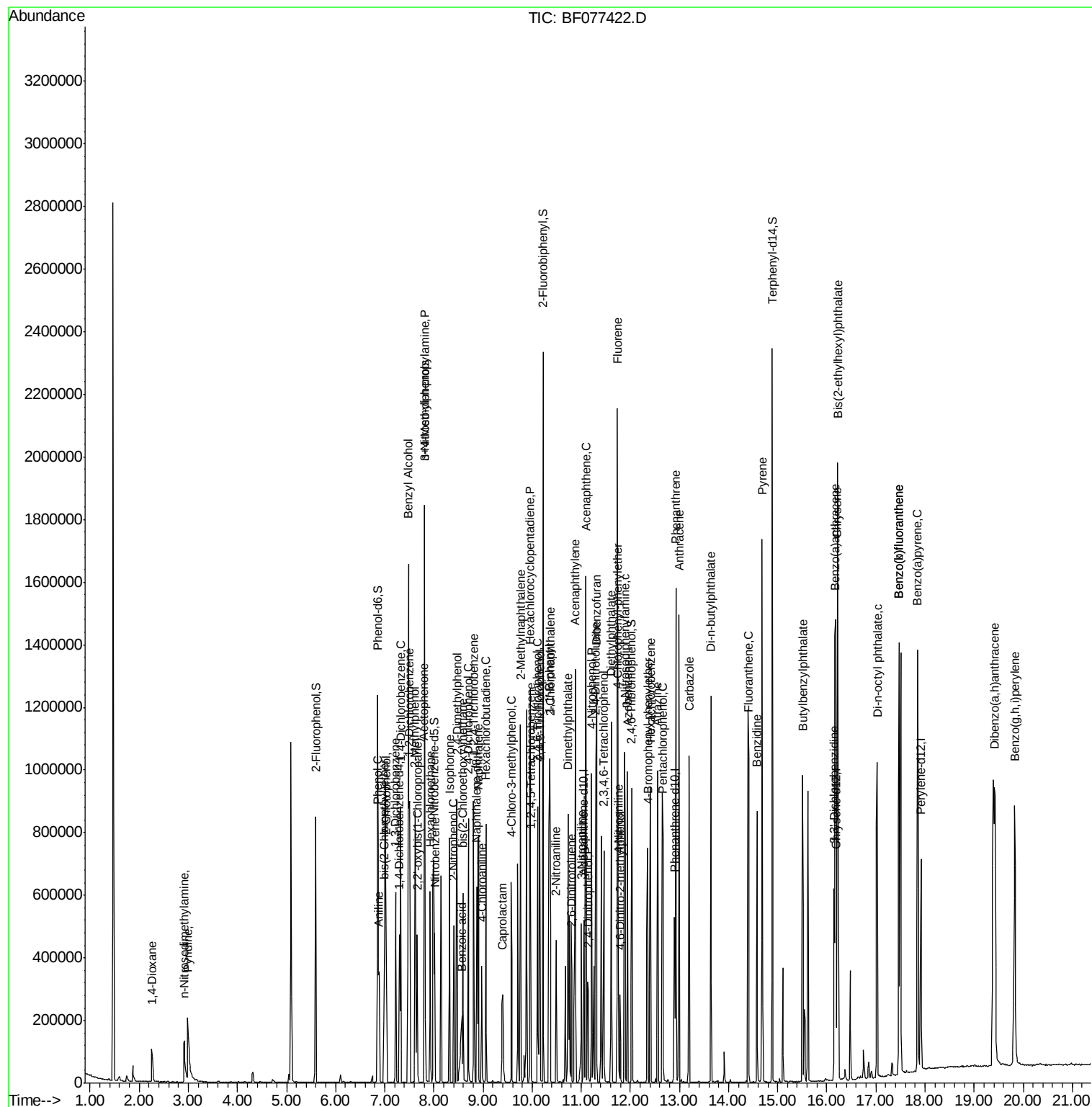
43) 2,4,5-Trichlorophenol	10.16	196	131097	43.62	ng	# 91
45) 1,1'-Biphenyl	10.35	154	454717	40.57	ng	99
46) 2-Chloronaphthalene	10.36	162	359189	40.87	ng	99
47) 2-Nitroaniline	10.49	65	97850	45.23	ng	97
48) Acenaphthylene	10.88	152	581611	41.80	ng	100
49) Dimethylphthalate	10.73	163	420518	40.44	ng	100
50) 2,6-Dinitrotoluene	10.81	165	92950	44.58	ng	97
51) Acenaphthene	11.09	154	350269	42.19	ng	99
52) 3-Nitroaniline	11.00	138	79677	33.14	ng	93
53) 2,4-Dinitrophenol	11.14	184	63085	99.42	ng	99
54) Dibenzofuran	11.31	168	546090	42.60	ng	97
55) 4-Nitrophenol	11.21	139	158109	81.76	ng	# 67
56) 2,4-Dinitrotoluene	11.30	165	135318	48.02	ng	100
57) Fluorene	11.73	166	432428	42.19	ng	97
58) 2,3,4,6-Tetrachlorophenol	11.46	232	112733	46.65	ng	98
59) Diethylphthalate	11.61	149	410865	40.08	ng	99
60) 4-Chlorophenyl-phenylether	11.75	204	201136	40.73	ng	97
61) 4-Nitroaniline	11.76	138	99810	43.31	ng	94
62) Azobenzene	11.94	77	390459	40.15	ng	94
64) 4,6-Dinitro-2-methylphenol	11.79	198	41576	37.02	ng	# 27
65) n-Nitrosodiphenylamine	11.88	169	365475	38.17	ng	100
66) 4-Bromophenyl-phenylether	12.35	248	127635	37.77	ng	# 92
67) Hexachlorobenzene	12.41	284	138160	38.09	ng	# 89
68) Atrazine	12.56	200	114407	36.75	ng	98
69) Pentachlorophenol	12.66	266	156006	81.83	ng	98
70) Phenanthrene	12.92	178	638124	38.15	ng	99
71) Anthracene	12.99	178	662768	39.93	ng	99
72) Carbazole	13.20	167	623511	39.51	ng	99
73) Di-n-butylphthalate	13.64	149	677458	36.55	ng	99
74) Fluoranthene	14.41	202	729913	39.95	ng	96
76) Benzidine	14.58	184	340102	31.85	ng	98
77) Pyrene	14.68	202	742566	38.40	ng	99
79) Butylbenzylphthalate	15.51	149	292716	36.80	ng	# 85
80) Benzo(a)anthracene	16.17	228	710177	38.33	ng	100
81) 3,3'-Dichlorobenzidine	16.15	252	157111	23.14	ng	# 96
82) Chrysene	16.21	228	657719	37.81	ng	98
83) Bis(2-ethylhexyl)phthalate	16.23	149	407046	31.91	ng	# 95
84) Di-n-octyl phthalate	17.03	149	707751	33.23	ng	98
87) Benzo(b)fluoranthene	17.47	252	711542	37.92	ng	# 98
88) Benzo(k)fluoranthene	17.47	252	711542	38.69	ng	# 96
89) Benzo(a)pyrene	17.85	252	686077	38.39	ng	97
90) Dibenzo(a,h)anthracene	19.43	278	659473	38.69	ng	97
91) Benzo(g,h,i)perylene	19.83	276	686846	39.92	ng	97

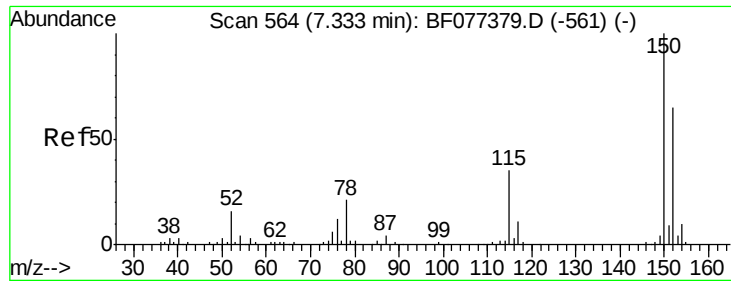
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
Data File : BF077422.D
Acq On : 24 Feb 2015 18:21
Operator : IZ / TP
Sample : PB81861BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81861BSD

Quant Time: Feb 25 01:21:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 25 00:25:01 2015
Response via : Initial Calibration



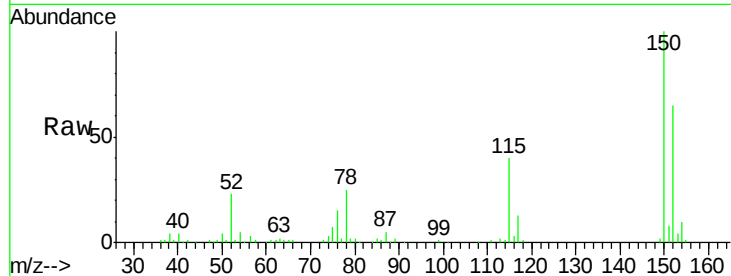


#1

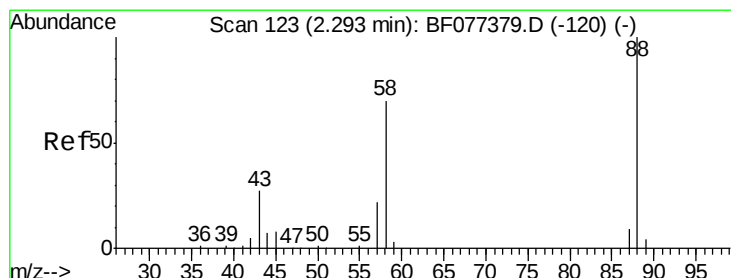
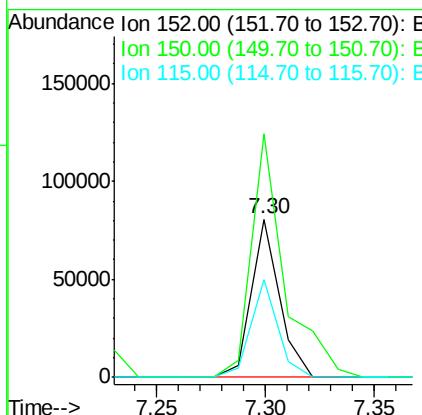
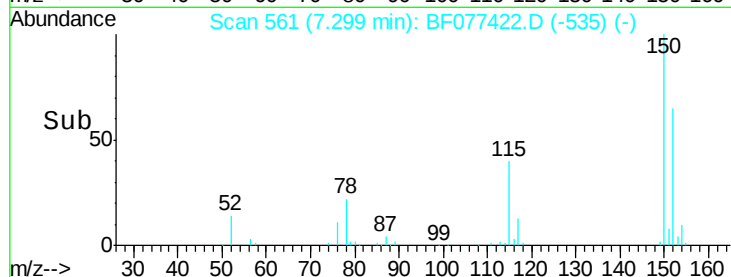
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.30 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BSD

Tgt Ion: 152 Resp: 72656
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.0 186.0
 115 61.8 49.4 74.2



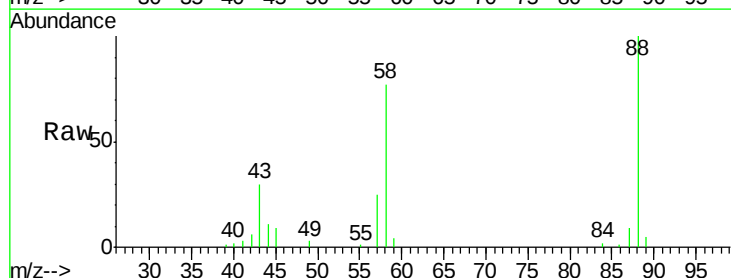
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



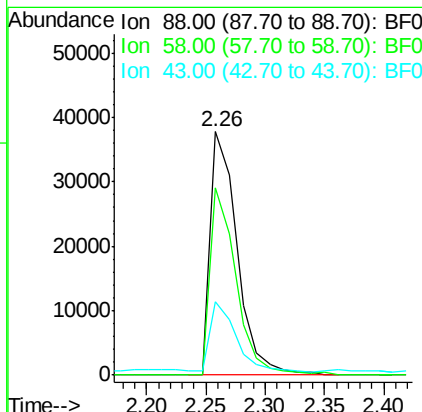
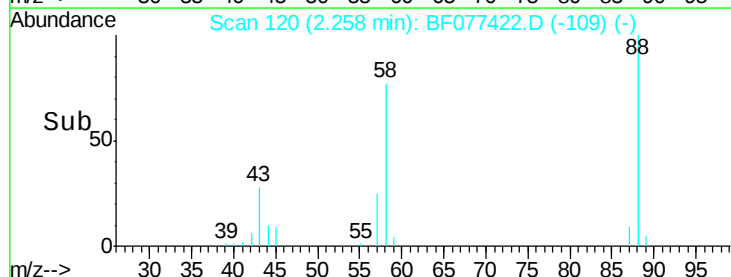
#2

1,4-Dioxane
 Concen: 32.05 ng
 RT: 2.26 min Scan# 120
 Delta R.T. 0.02 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Tgt Ion: 88 Resp: 59190
 Ion Ratio Lower Upper
 88 100
 58 74.8 62.1 93.1
 43 28.1 24.0 36.0



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





#3

Pyridine

Concen: 33.22 ng

RT: 2.99 min Scan# 184

Delta R.T. 0.02 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB81861BSD

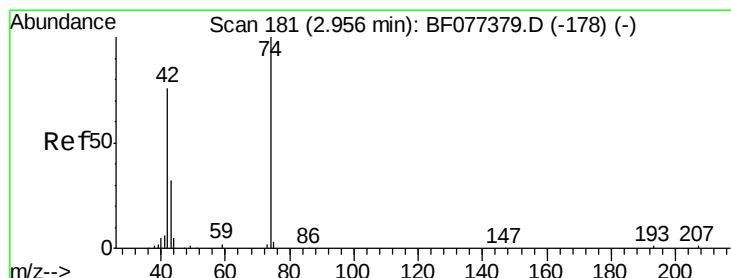
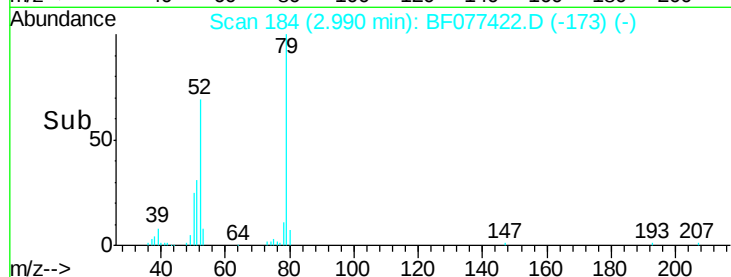
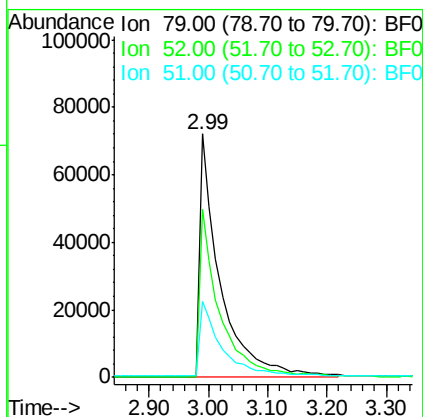
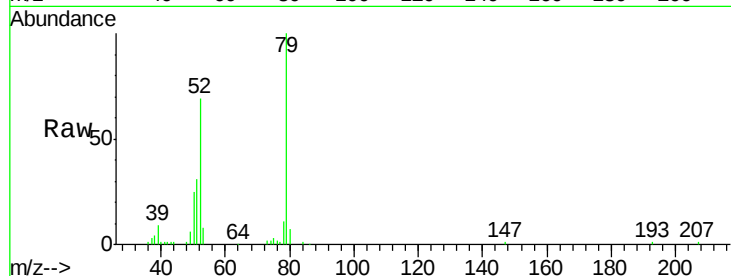
Tgt Ion: 79 Resp: 175517

Ion Ratio Lower Upper

79 100

52 69.0 57.7 86.5

51 31.4 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 37.49 ng

RT: 2.91 min Scan# 177

Delta R.T. 0.01 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

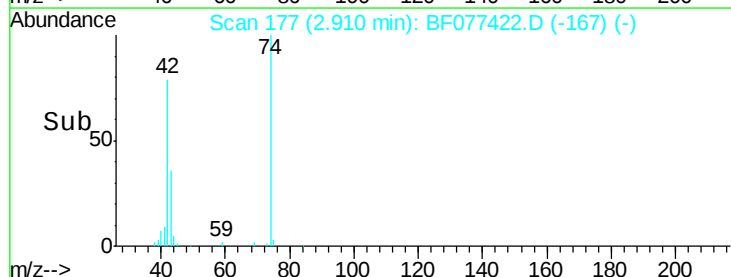
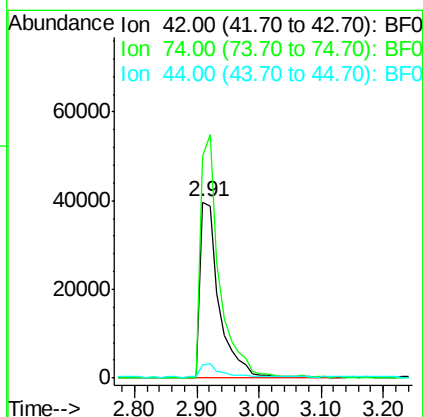
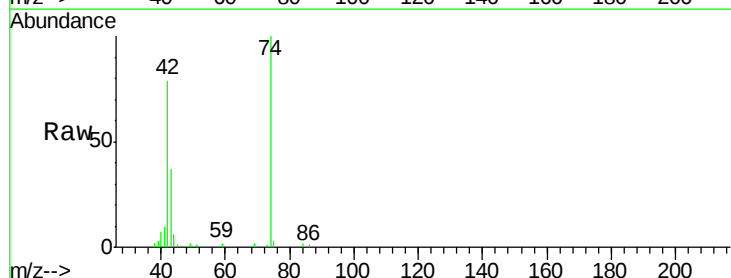
Tgt Ion: 42 Resp: 86122

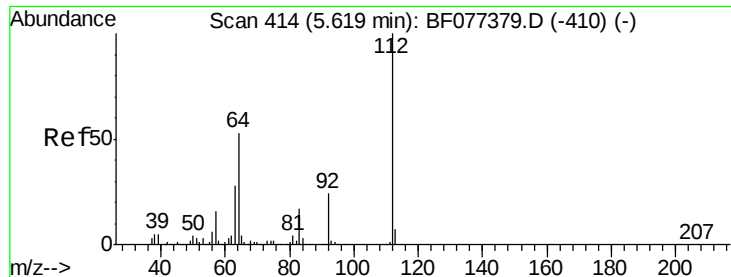
Ion Ratio Lower Upper

42 100

74 126.3 107.1 160.7

44 7.4 6.7 10.1





#5

2-Fluorophenol

Concen: 77.58 ng

RT: 5.60 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB81861BSD

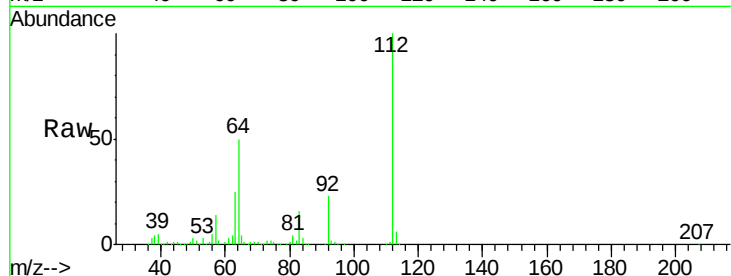
Tgt Ion: 112 Resp: 337620

Ion Ratio Lower Upper

112 100

64 49.7 48.5 72.7

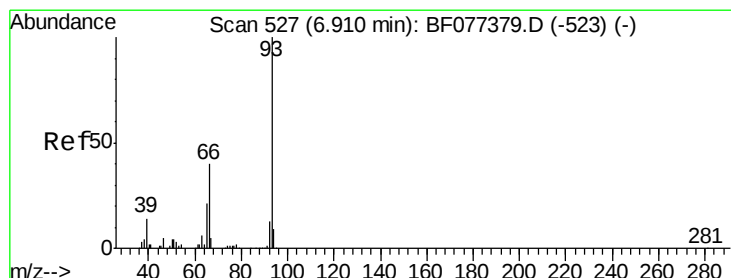
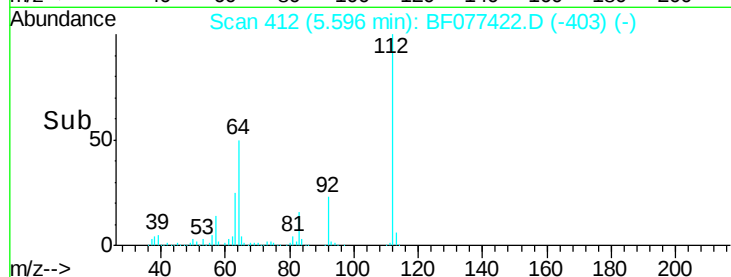
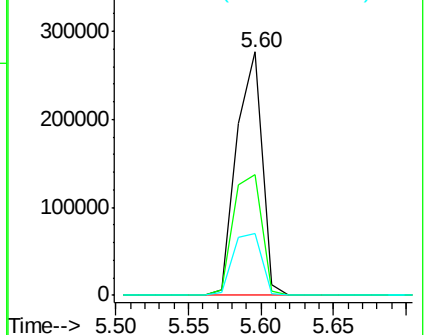
63 25.5 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.27 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

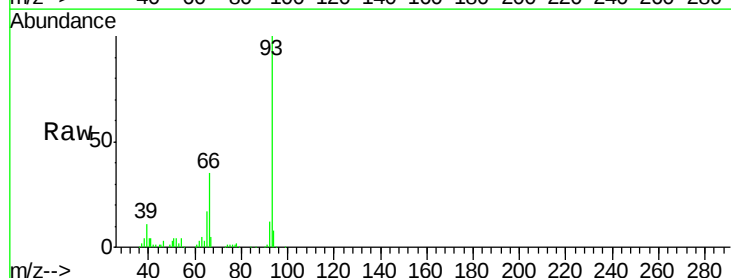
Tgt Ion: 93 Resp: 148998

Ion Ratio Lower Upper

93 100

66 35.2 29.1 43.7

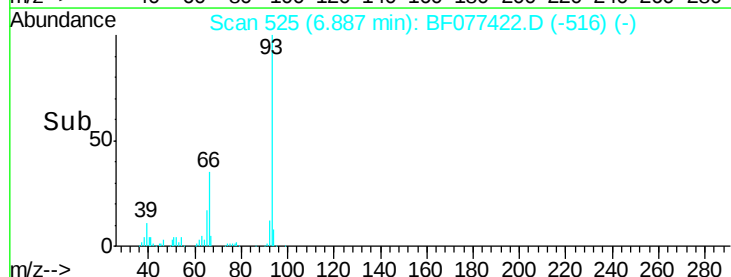
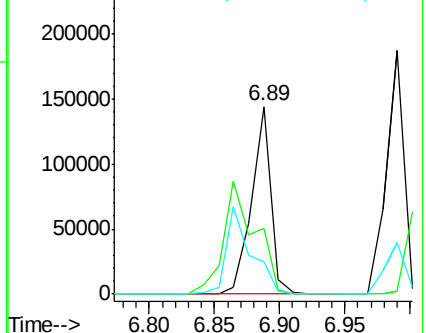
65 17.3 14.6 22.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.55 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB81861BSD

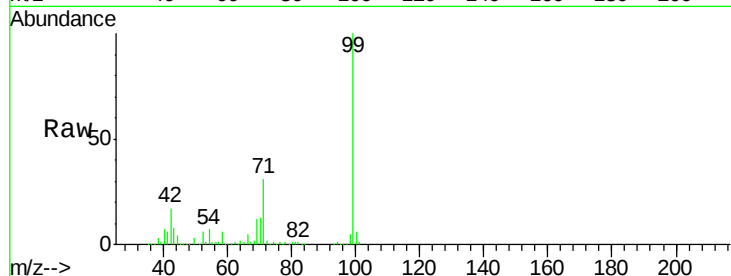
Tgt Ion: 99 Resp: 433923

Ion Ratio Lower Upper

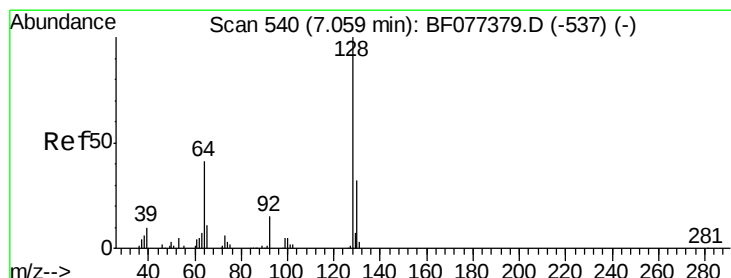
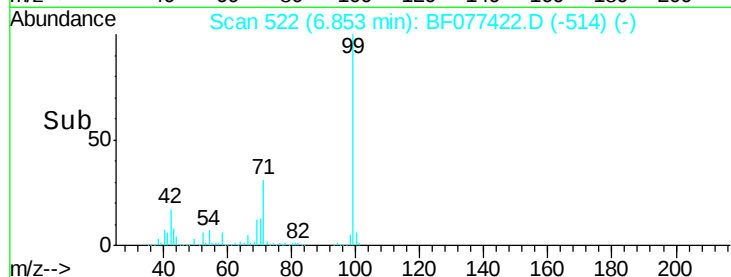
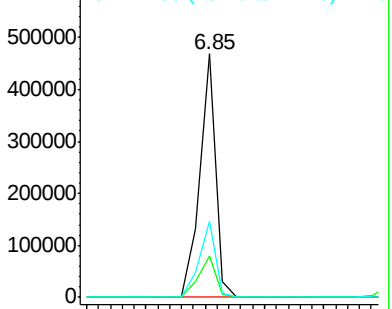
99 100

42 16.8 16.2 24.4

71 31.2 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: 36.65 ng

RT: 7.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

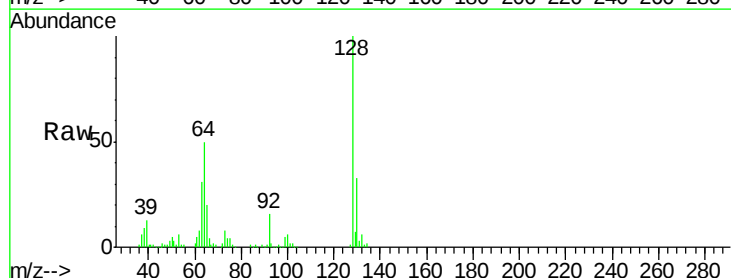
Tgt Ion: 128 Resp: 188189

Ion Ratio Lower Upper

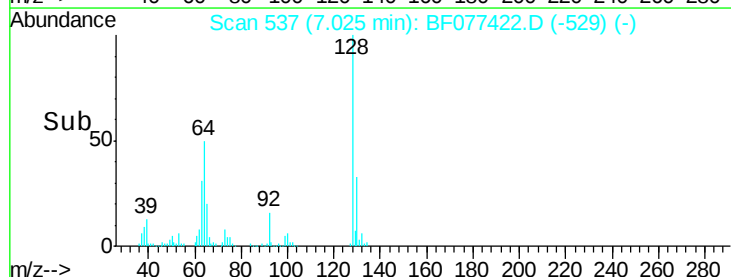
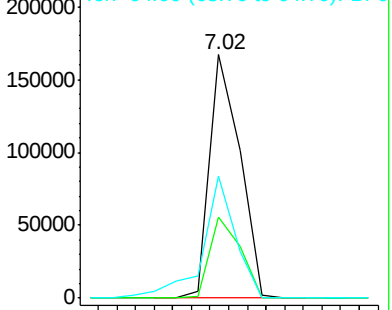
128 100

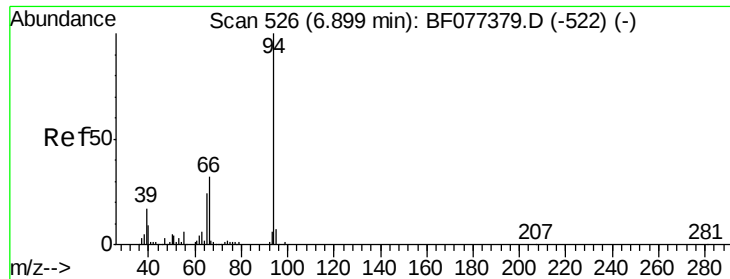
130 33.2 12.0 52.0

64 49.9 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





#10

Phenol

Concen: 34.43 ng

RT: 6.86 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB81861BSD

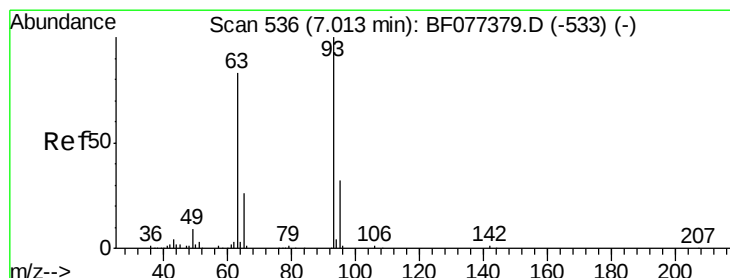
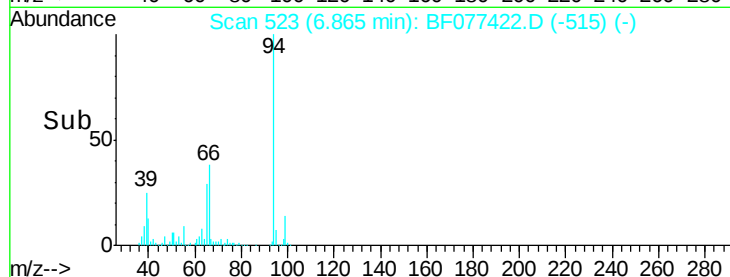
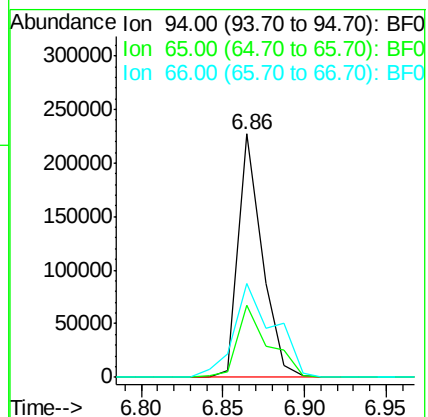
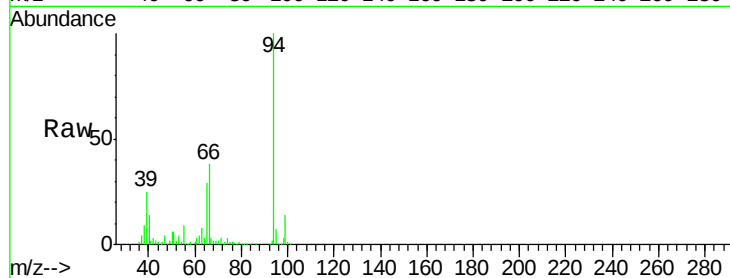
Tgt Ion: 94 Resp: 228624

Ion Ratio Lower Upper

94 100

65 29.5 5.7 45.7

66 38.5 13.6 53.6



#11

bis(2-Chloroethyl)ether

Concen: 37.88 ng

RT: 6.99 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

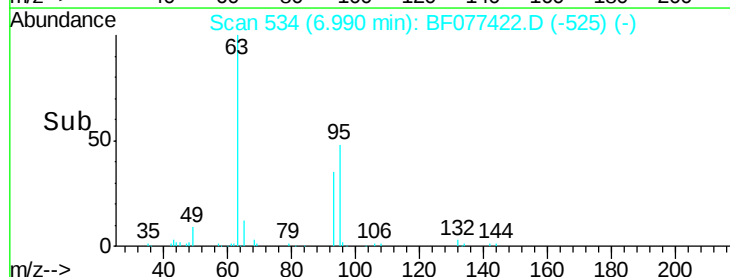
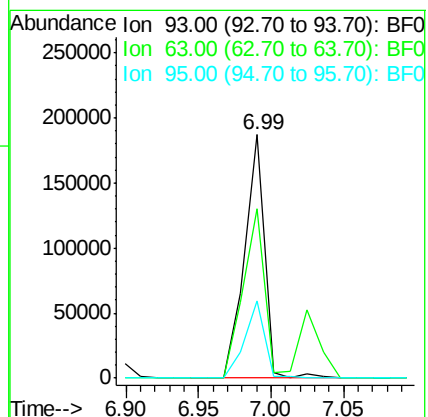
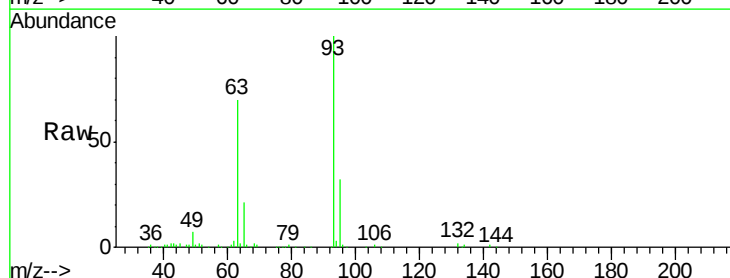
Tgt Ion: 93 Resp: 180715

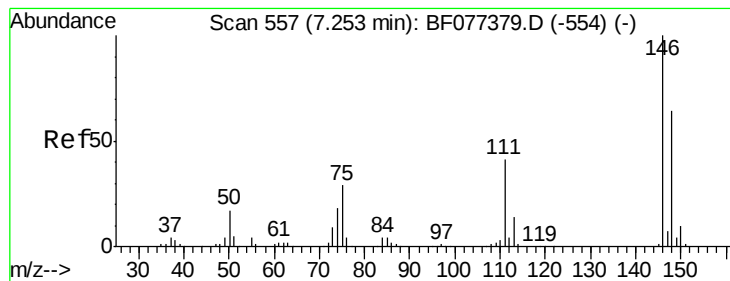
Ion Ratio Lower Upper

93 100

63 69.7 48.7 88.7

95 31.9 13.6 53.6





#12

1,3-Dichlorobenzene

Concen: 34.91 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB81861BSD

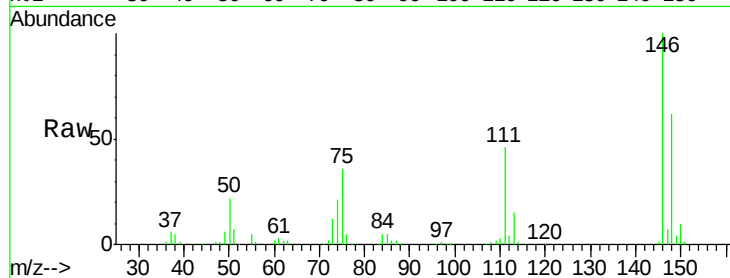
Tgt Ion:146 Resp: 195155

Ion Ratio Lower Upper

146 100

148 62.0 49.8 74.8

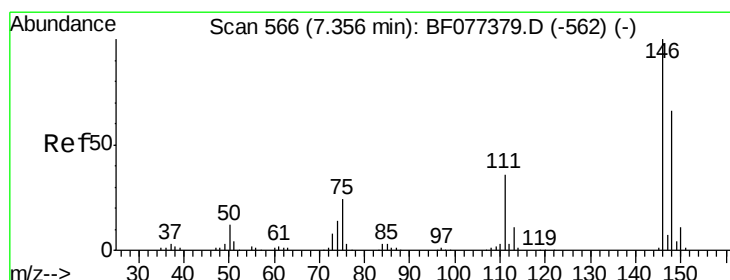
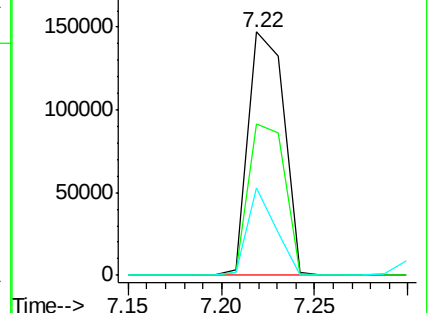
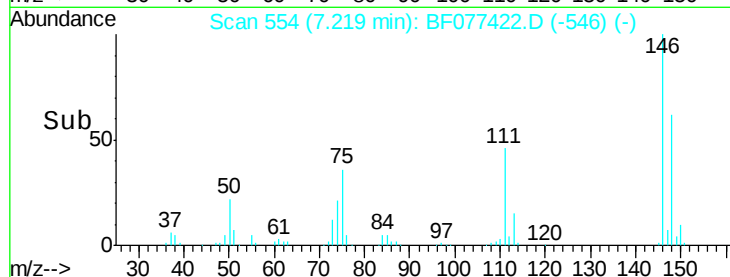
75 35.9 28.2 42.4



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: 36.14 ng

RT: 7.32 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

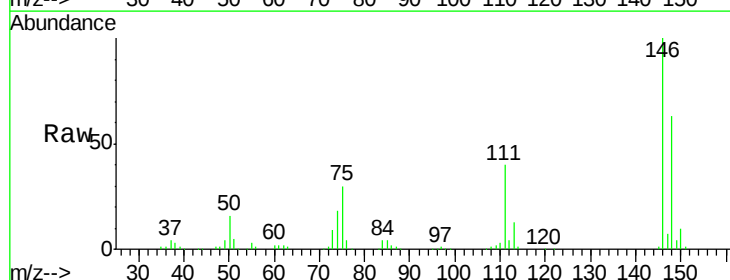
Tgt Ion:146 Resp: 205547

Ion Ratio Lower Upper

146 100

148 62.9 52.0 78.0

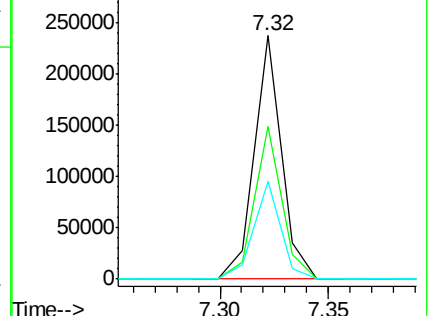
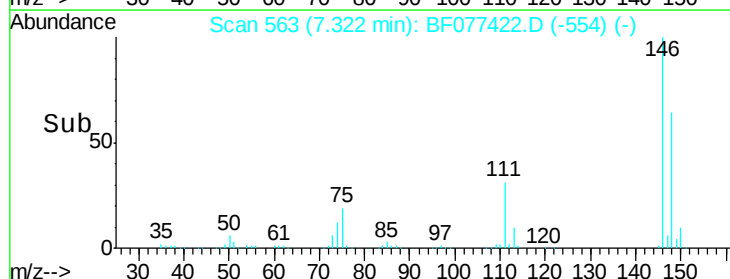
111 40.3 31.9 47.9

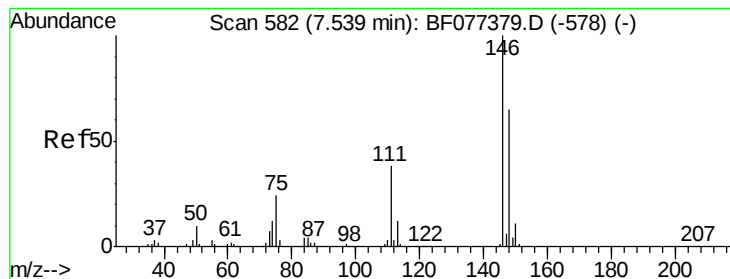


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

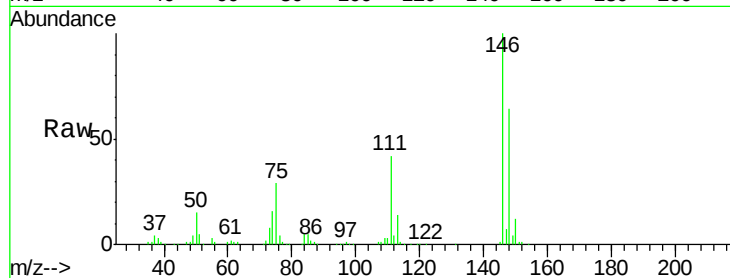




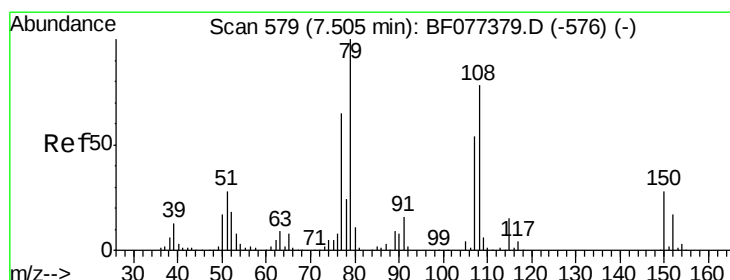
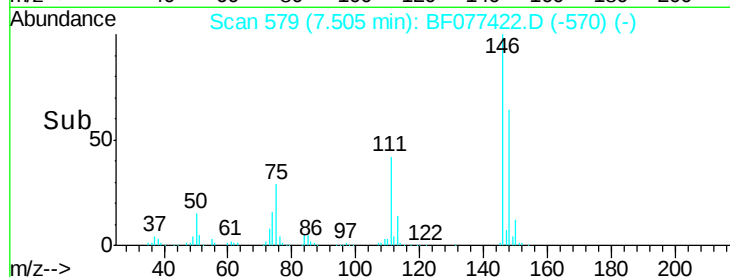
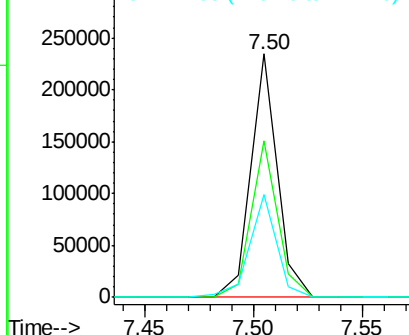
#14
1,2-Dichlorobenzene
Concen: 36.49 ng
RT: 7.50 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB81861BSD

Tgt Ion: 146 Resp: 197439
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
111 42.2 34.2 51.2

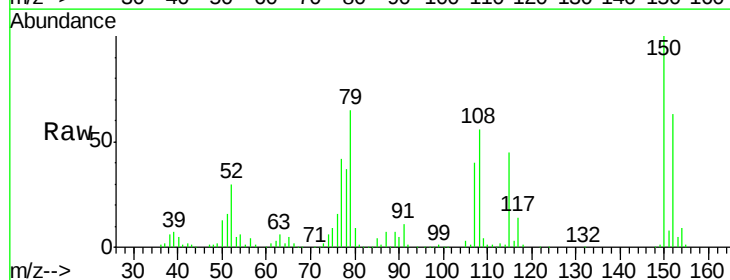


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

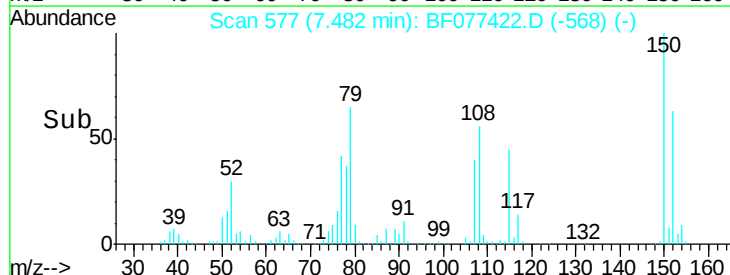
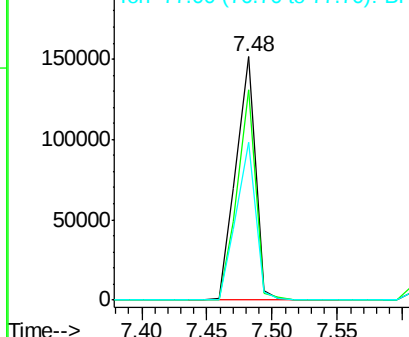


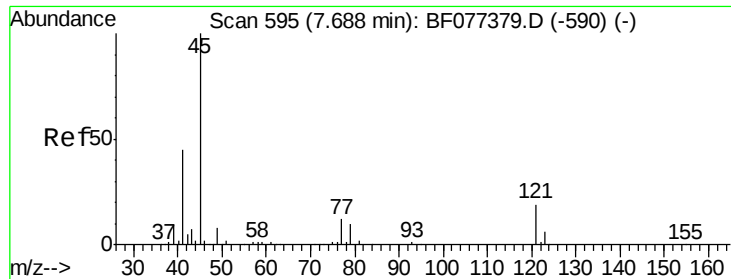
#15
Benzyl Alcohol
Concen: 37.10 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Tgt Ion: 79 Resp: 157811
Ion Ratio Lower Upper
79 100
108 86.5 58.3 87.5
77 64.6 51.3 76.9



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

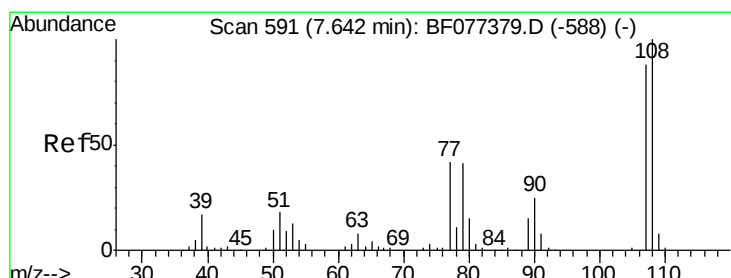
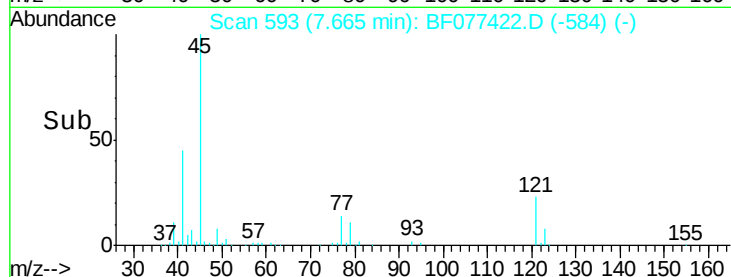
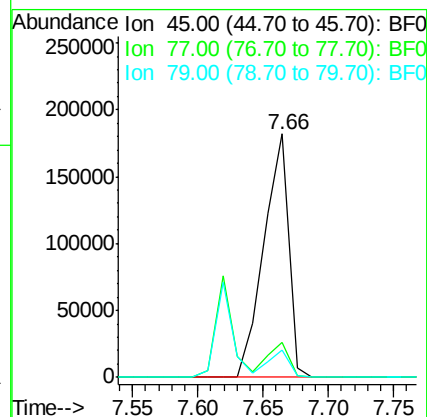
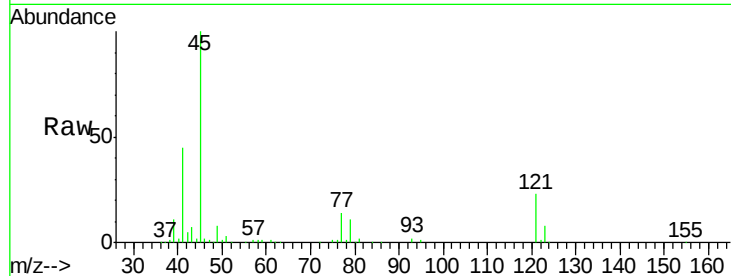




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.64 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

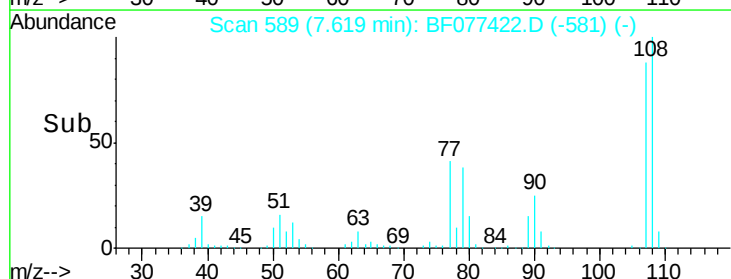
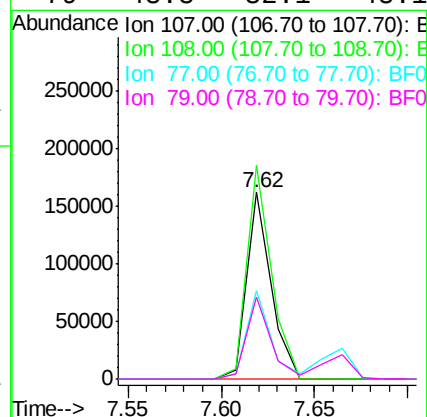
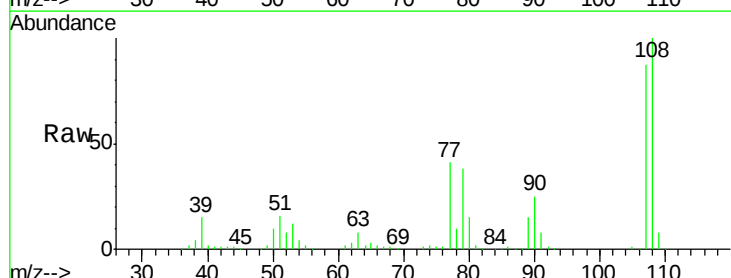
Instrument :
BNA_F
ClientSampleId :
PB81861BSD

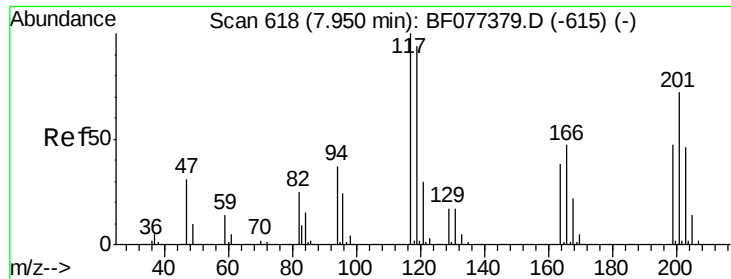
Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	34.6
79	11.4	0.0	31.5



#17
2-Methylphenol
Concen: 36.53 ng
RT: 7.62 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.2	136.8
77	47.1	33.6	50.4
79	43.8	32.1	48.1

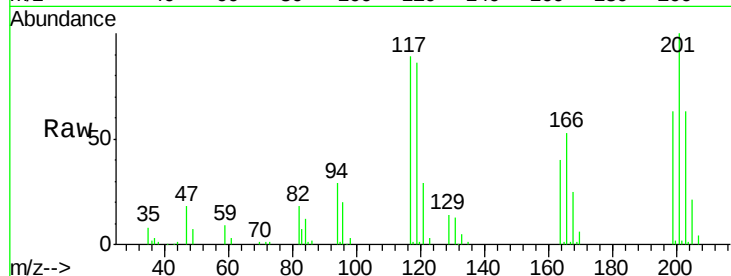




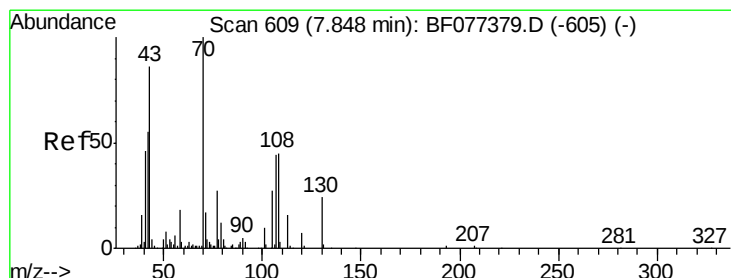
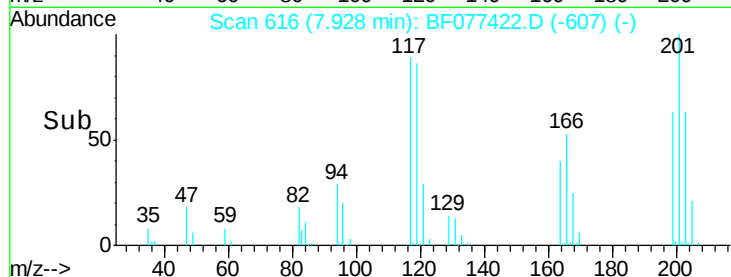
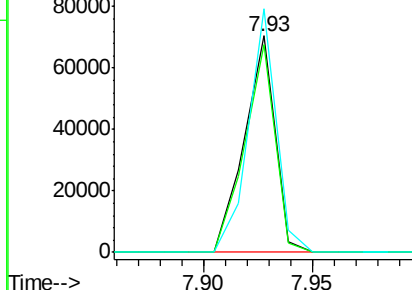
#18
Hexachloroethane
Concen: 36.35 ng
RT: 7.93 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB81861BSD

Tgt Ion: 117 Resp: 69050
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.8
201 112.4 90.6 136.0



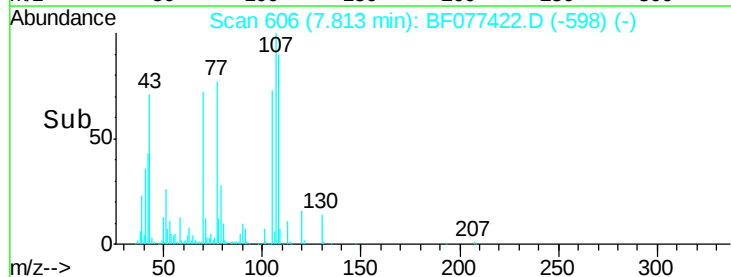
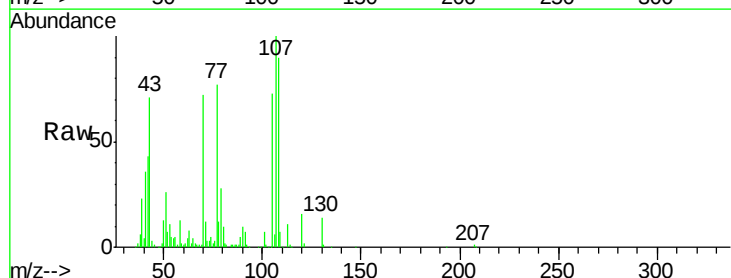
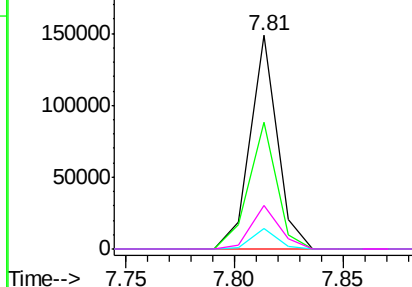
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

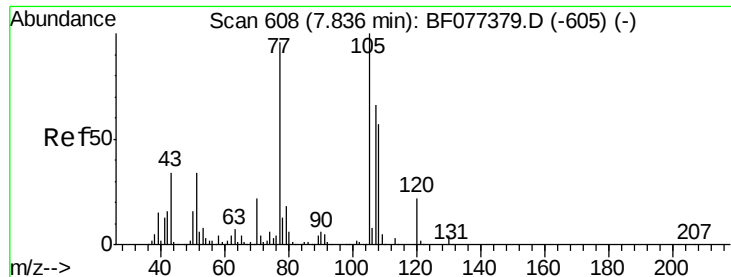


#19
n-Nitroso-di-n-propylamine
Concen: 36.27 ng
RT: 7.81 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Tgt Ion: 70 Resp: 128894
Ion Ratio Lower Upper
70 100
42 59.5 48.3 72.5
101 9.4 7.5 11.3
130 20.1 16.7 25.1

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 37.69 ng

RT: 7.81 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB81861BSD

Tgt Ion:107 Resp: 199227

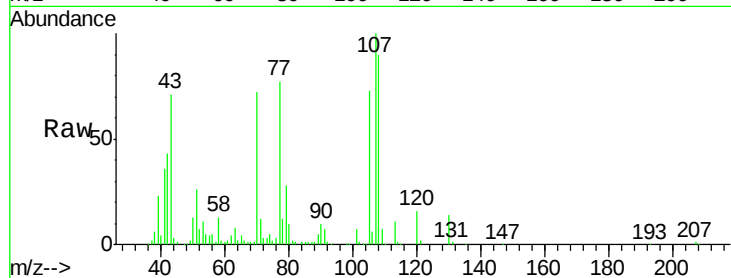
Ion Ratio Lower Upper

107 100

108 90.3 76.8 116.8

77 76.8 65.8 105.8

79 28.4 9.6 49.6

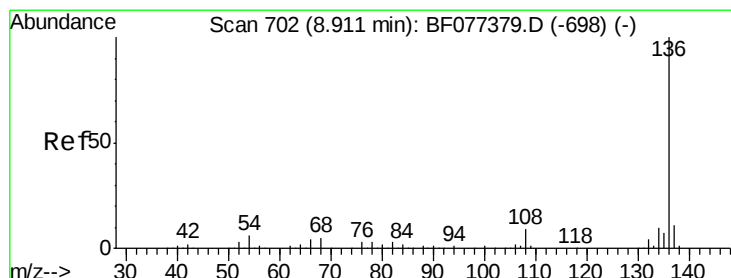
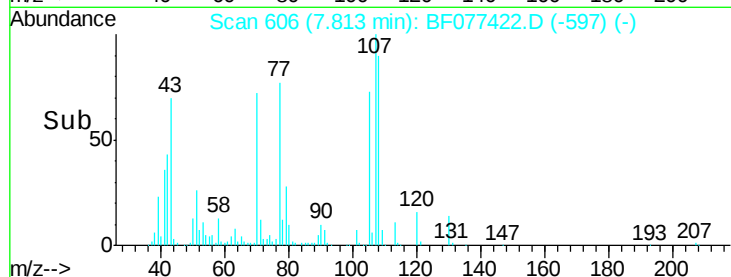
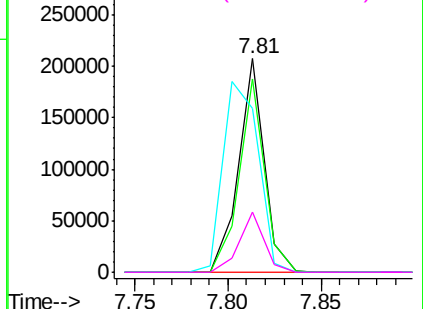


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

Tgt Ion:136 Resp: 288525

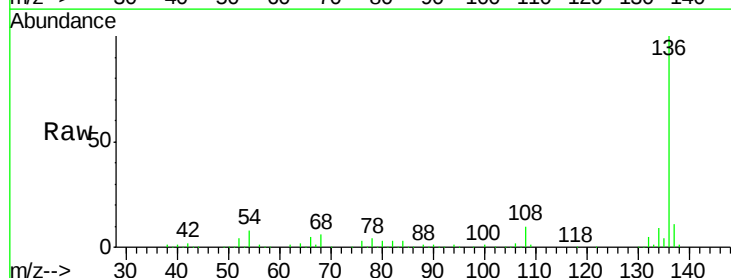
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.1 6.2 9.4

68 6.0 5.0 7.6

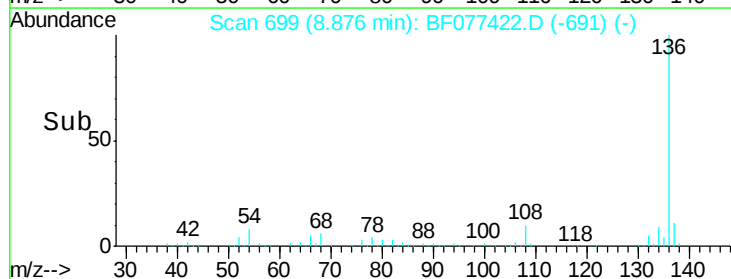
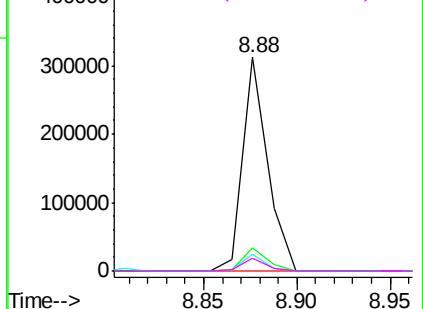


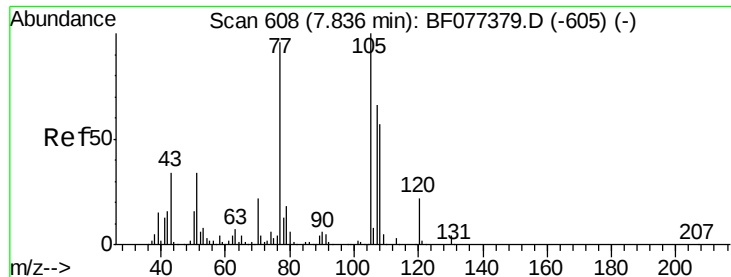
Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.57 ng

RT: 7.80 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB81861BSD

Tgt Ion: 105 Resp: 248193

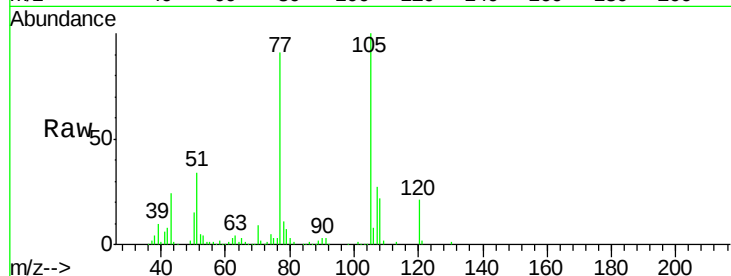
Ion Ratio Lower Upper

105 100

71 1.7 1.7 2.5

51 33.9 30.7 46.1

120 21.3 16.7 25.1

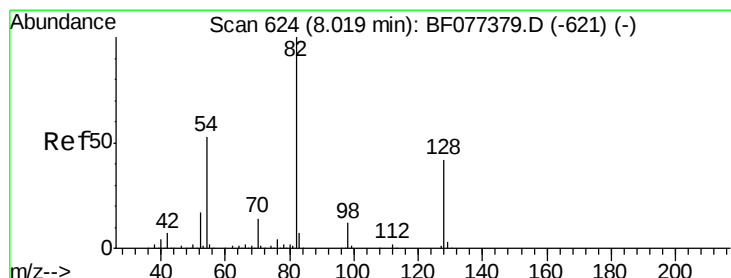
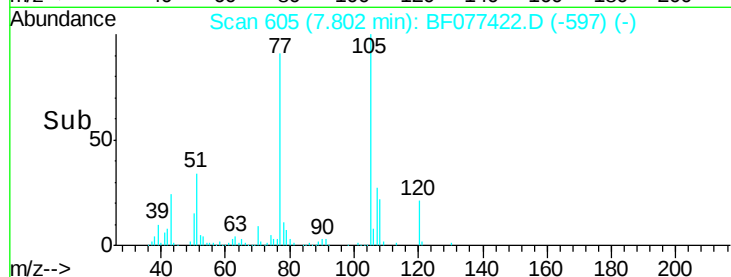
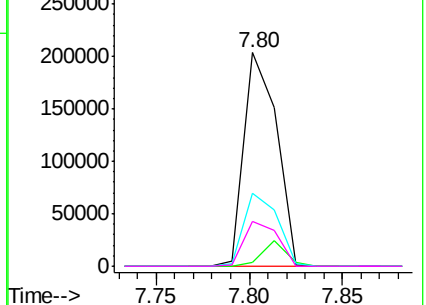


Abundance Ion 105.00 (104.70 to 105.70): E

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: 68.53 ng

RT: 8.00 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

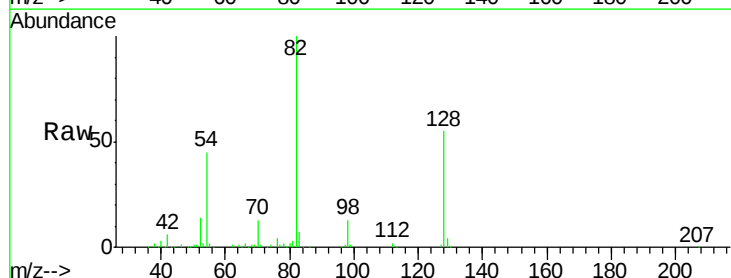
Tgt Ion: 82 Resp: 317967

Ion Ratio Lower Upper

82 100

128 55.5 43.8 65.8

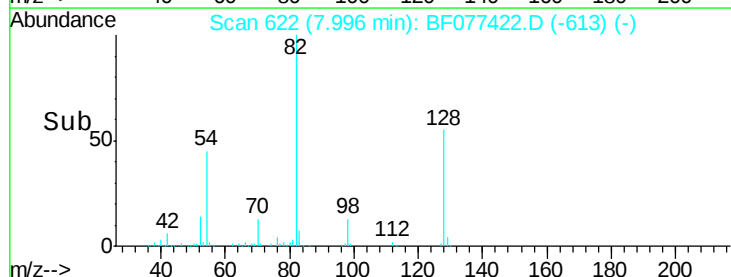
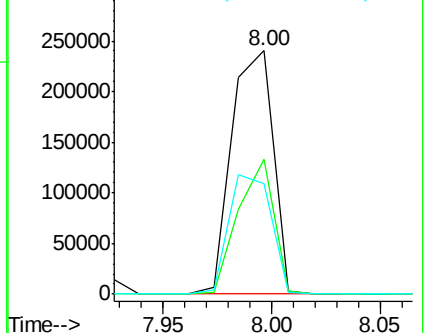
54 45.2 36.7 55.1

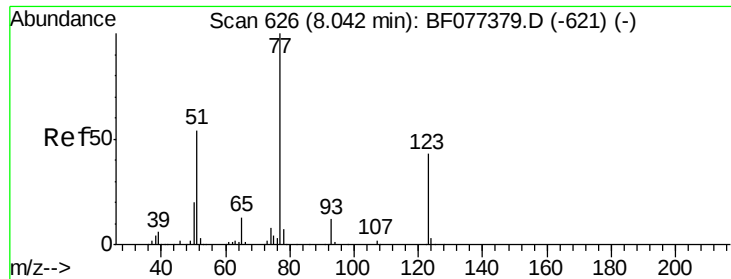


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

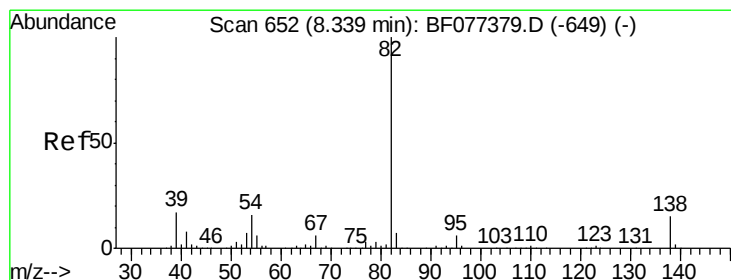
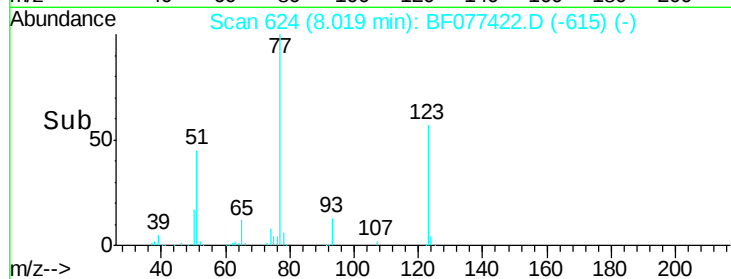
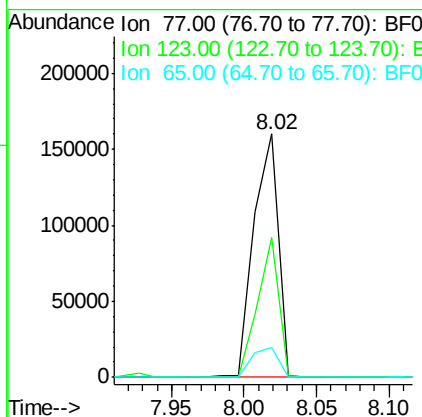
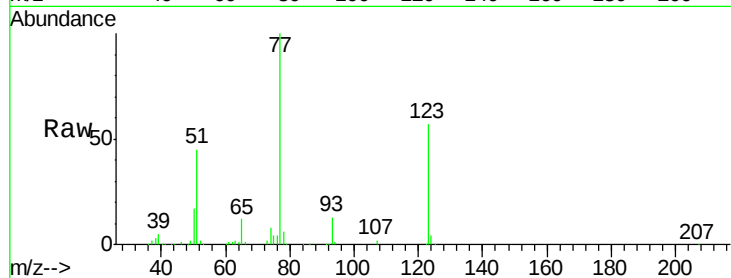




#24
 Nitrobenzene
 Concen: 38.40 ng
 RT: 8.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

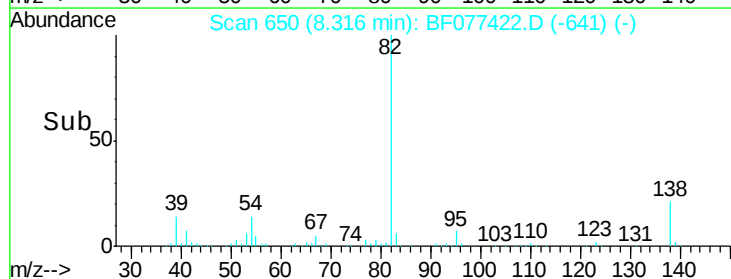
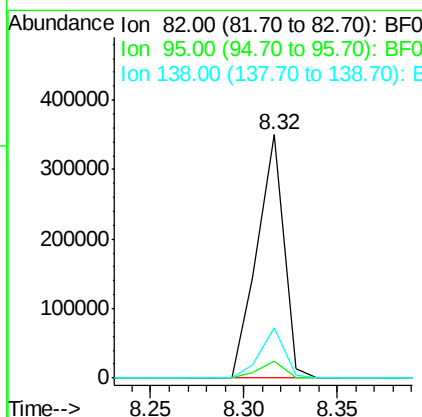
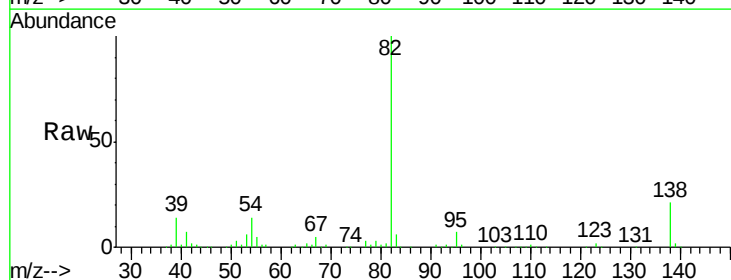
Instrument :
 BNA_F
 ClientSampleId :
 PB81861BSD

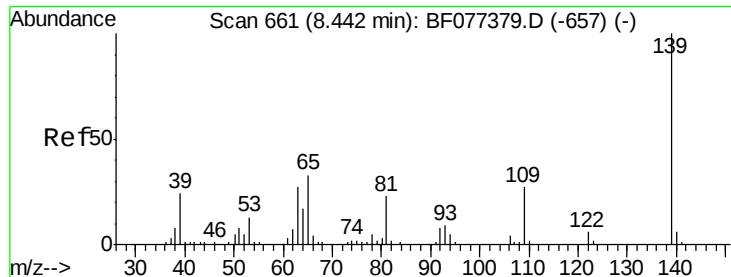
Tgt Ion: 77 Resp: 187457
 Ion Ratio Lower Upper
 77 100
 123 57.2 45.9 68.9
 65 12.2 9.5 14.3



#25
 Isophorone
 Concen: 37.86 ng
 RT: 8.32 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Tgt Ion: 82 Resp: 348490
 Ion Ratio Lower Upper
 82 100
 95 7.1 5.4 8.2
 138 20.8 16.3 24.5

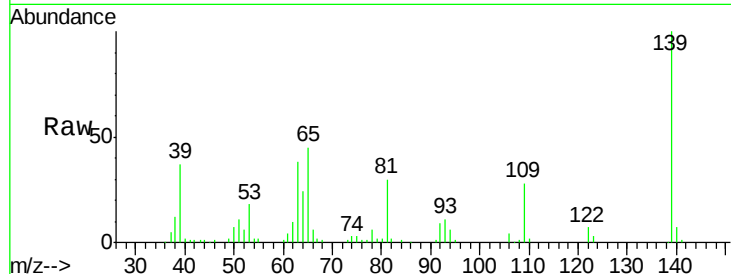




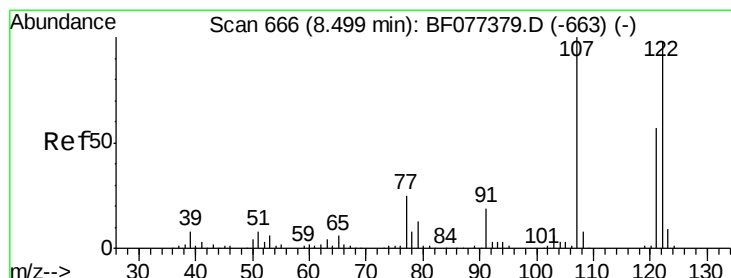
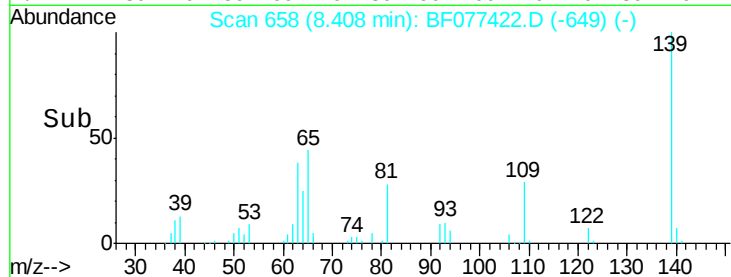
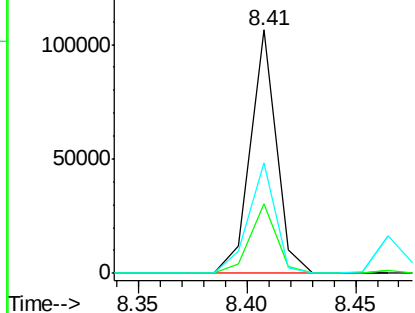
#26
 2-Nitrophenol
 Concen: 44.13 ng
 RT: 8.41 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.4	22.6	34.0
65	45.4	36.4	54.6

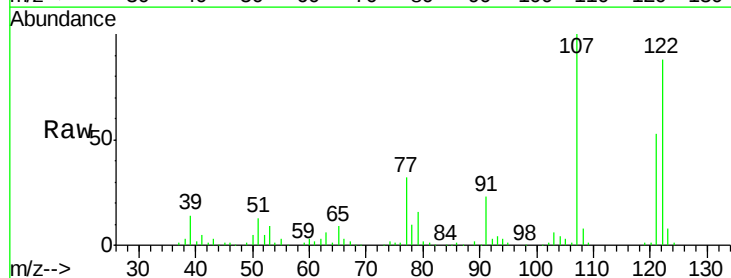


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

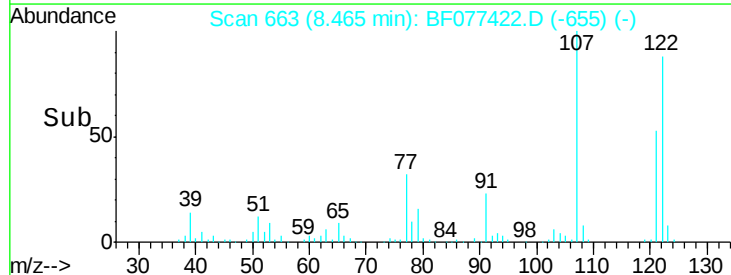
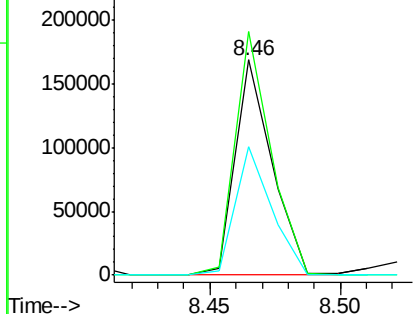


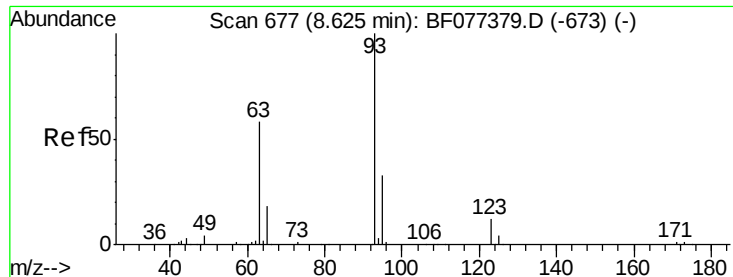
#27
 2,4-Dimethylphenol
 Concen: 37.40 ng
 RT: 8.46 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.1	86.6	130.0
121	59.5	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

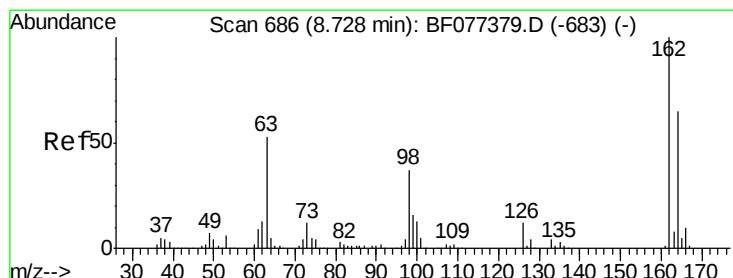
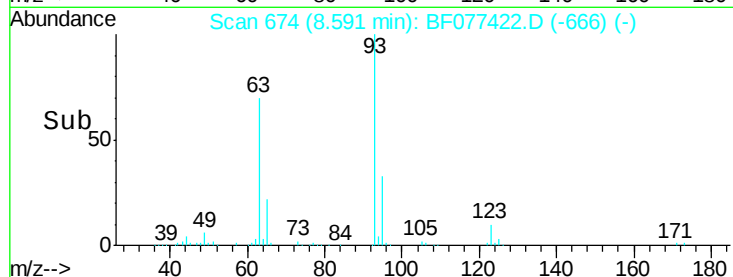
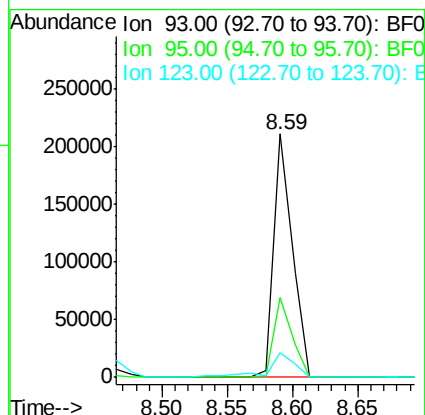
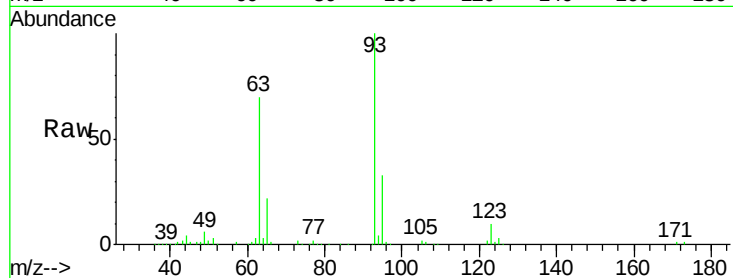




#28
bis(2-Chloroethoxy)methane
Concen: 36.36 ng
RT: 8.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

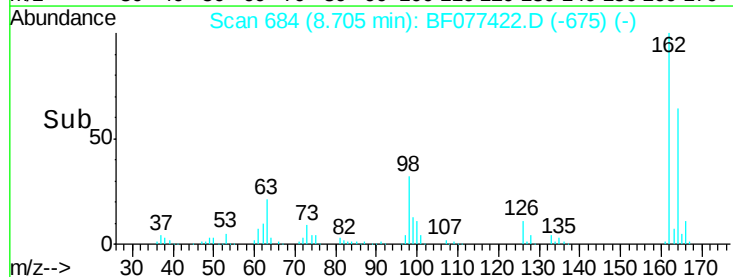
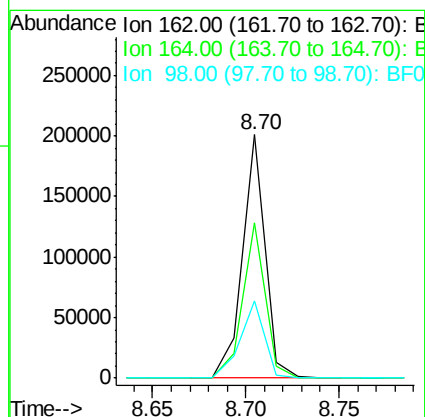
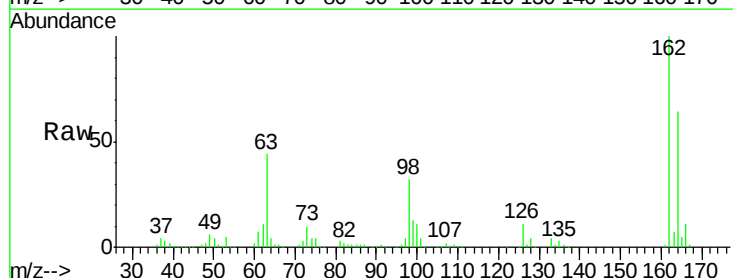
Instrument :
BNA_F
ClientSampled :
PB81861BSD

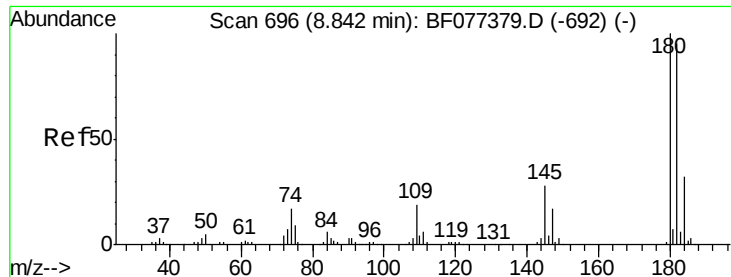
Tgt Ion: 93 Resp: 211436
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 10.0 8.7 13.1



#29
2,4-Dichlorophenol
Concen: 40.68 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Tgt Ion: 162 Resp: 170921
Ion Ratio Lower Upper
162 100
164 64.0 46.4 86.4
98 31.8 6.9 46.9

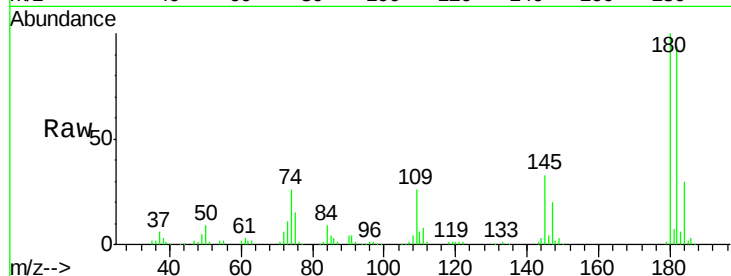




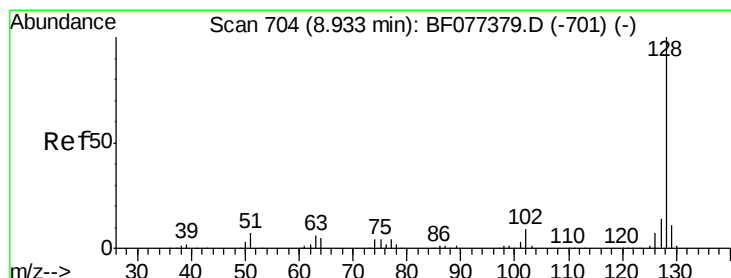
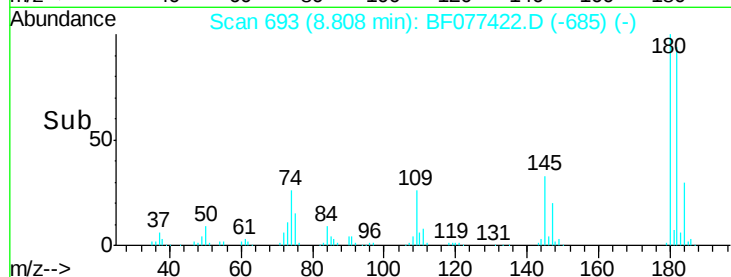
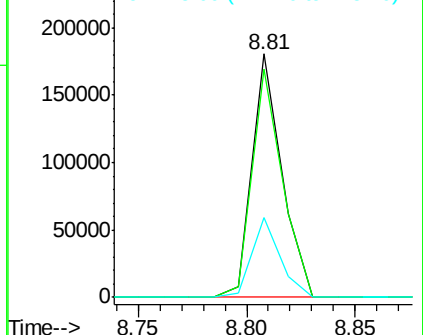
#30
 1,2,4-Trichlorobenzene
 Concen: 37.22 ng
 RT: 8.81 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BSD

Tgt Ion:180 Resp: 171923
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.2 114.4
 145 32.7 24.5 36.7

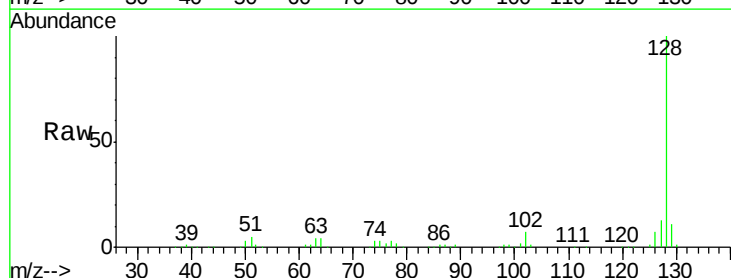


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

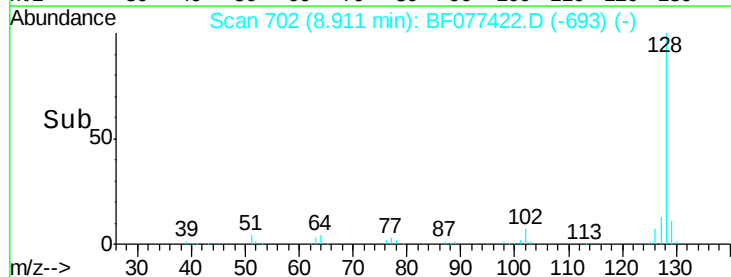
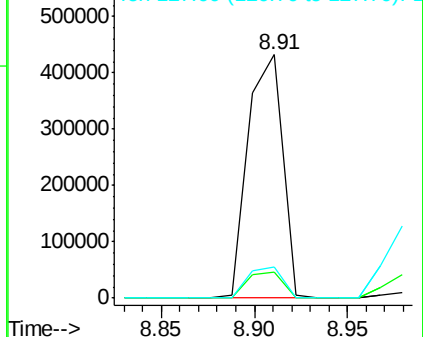


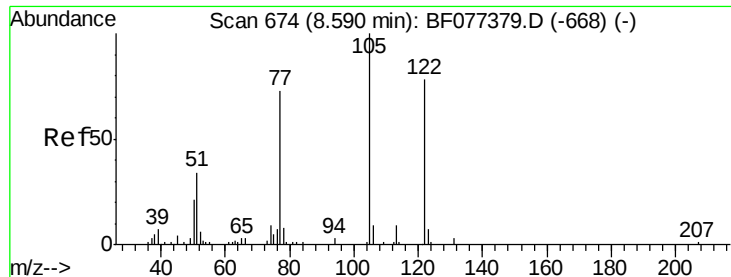
#31
 Naphthalene
 Concen: 38.34 ng
 RT: 8.91 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Tgt Ion:128 Resp: 553142
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.4 14.0
 127 12.7 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

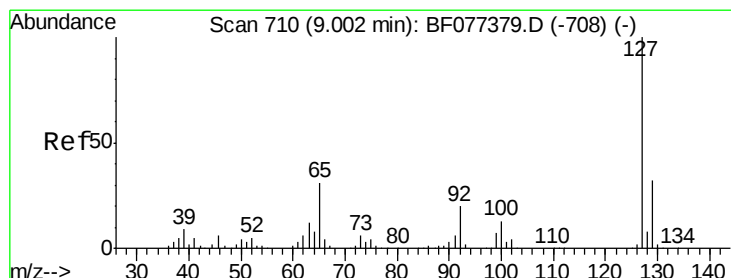
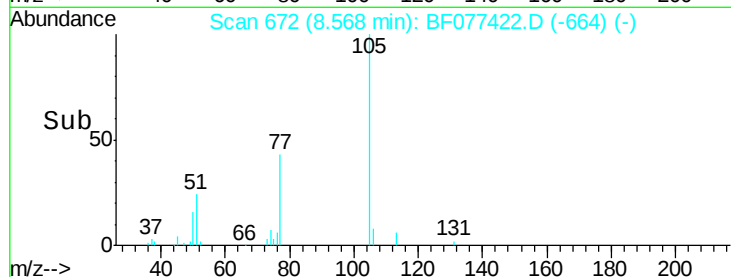
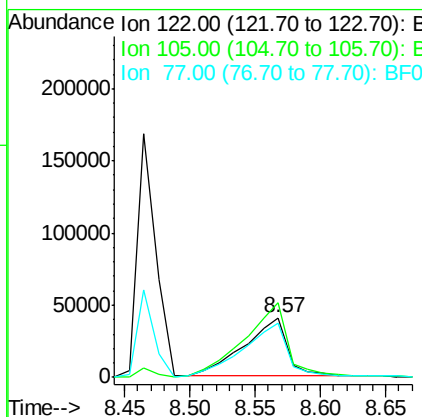
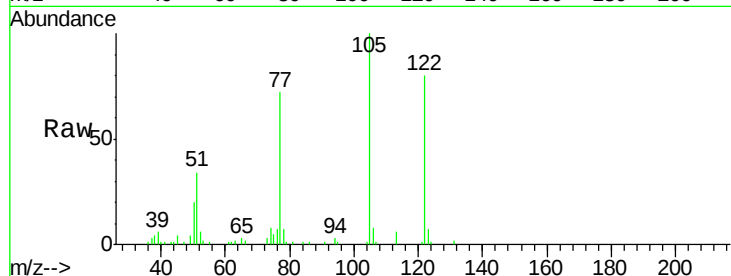




#32
Benzoic acid
Concen: 42.20 ng
RT: 8.57 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

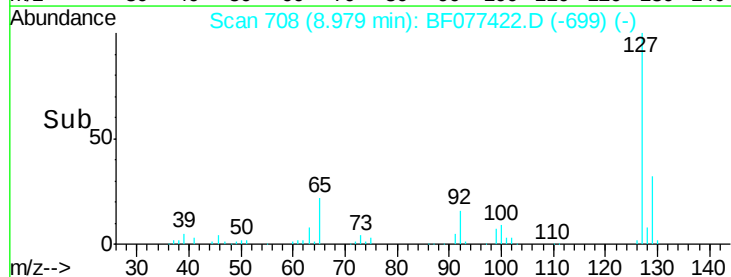
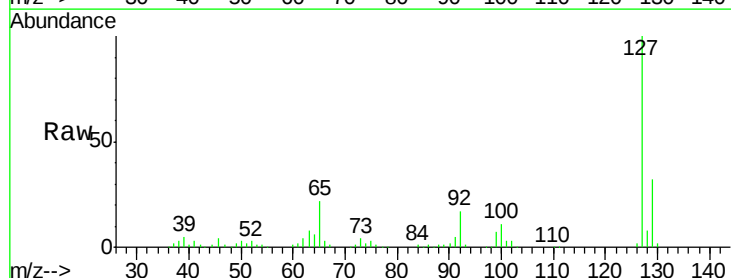
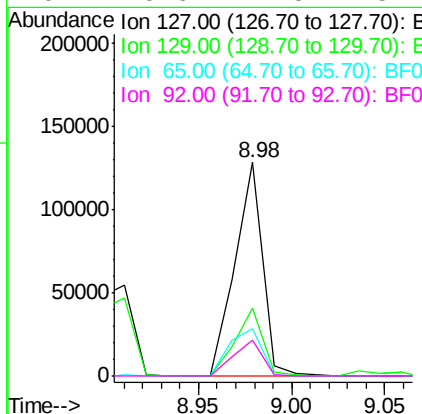
Instrument :
BNA_F
ClientSampleId :
PB81861BSD

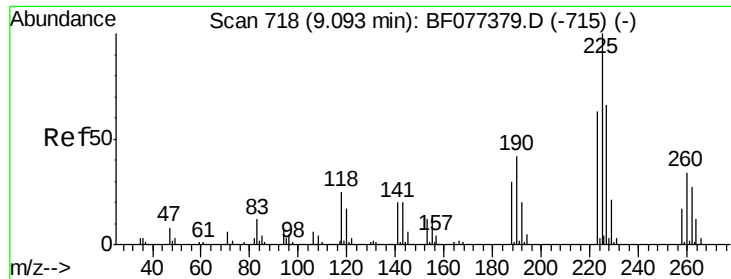
Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.3	100.3	140.3
77	89.8	68.7	108.7



#33
4-Chloroaniline
Concen: 20.79 ng
RT: 8.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.9	40.3
65	22.2	16.7	25.1
92	16.6	12.5	18.7

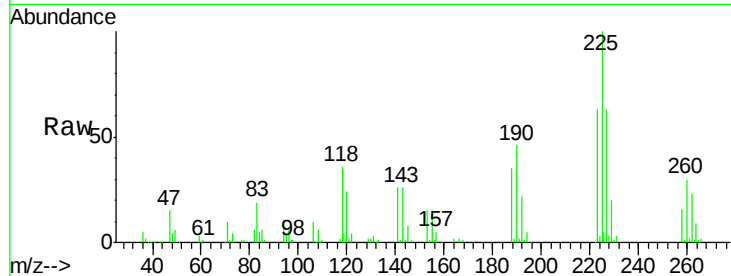




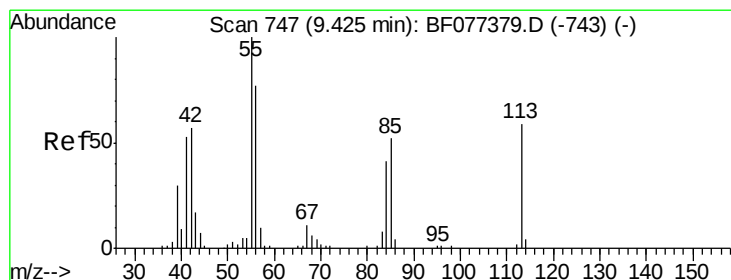
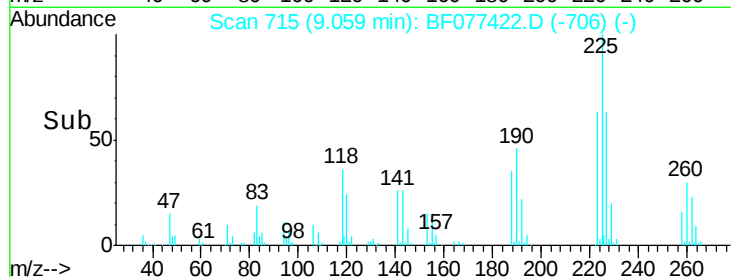
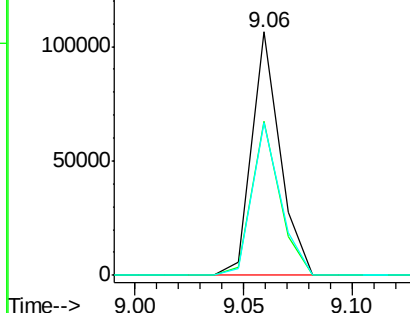
#34
Hexachlorobutadiene
Concen: 36.36 ng
RT: 9.06 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB81861BSD

Tgt Ion: 225 Resp: 95891
Ion Ratio Lower Upper
225 100
223 63.3 49.5 74.3
227 62.6 50.5 75.7

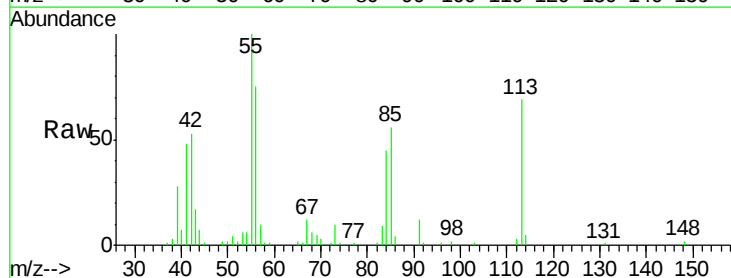


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

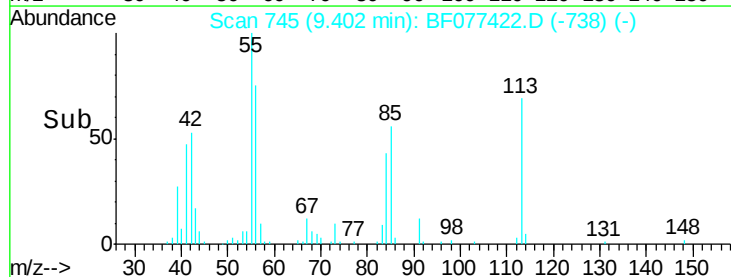
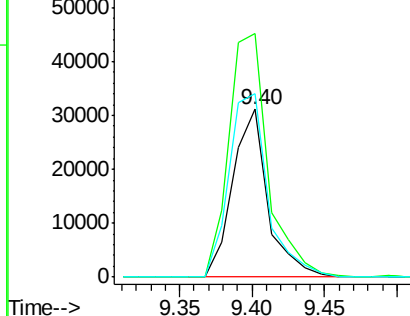


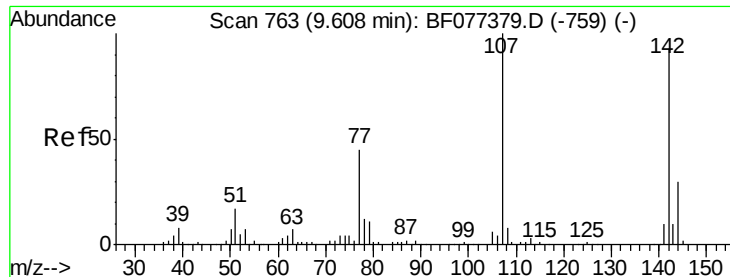
#35
Caprolactam
Concen: 40.81 ng
RT: 9.40 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Tgt Ion: 113 Resp: 52343
Ion Ratio Lower Upper
113 100
55 145.3 154.6 194.6#
56 109.3 114.0 154.0#



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

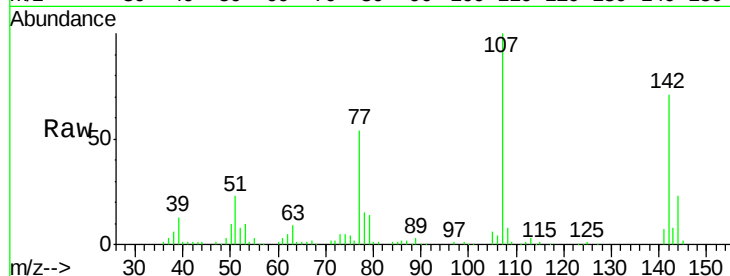




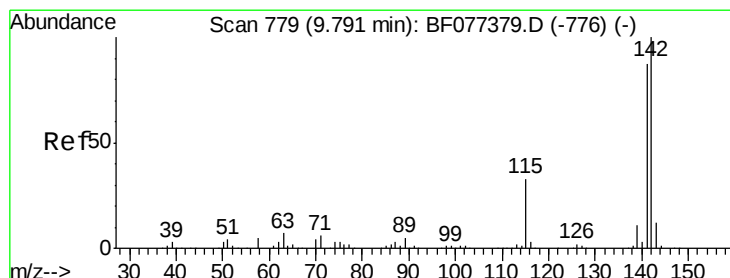
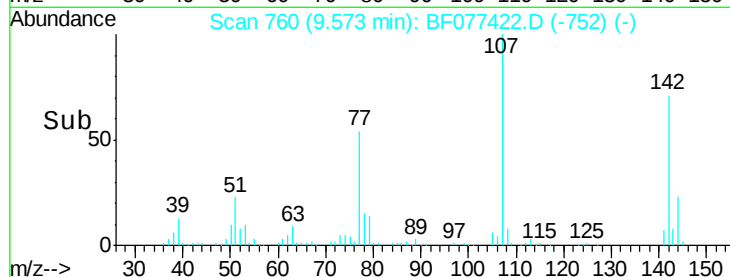
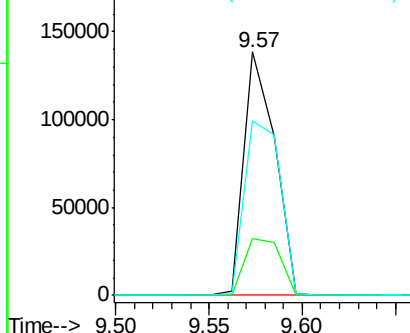
#36
 4-Chloro-3-methylphenol
 Concen: 37.90 ng
 RT: 9.57 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BSD

Tgt Ion:107 Resp: 160092
 Ion Ratio Lower Upper
 107 100
 144 23.2 21.1 31.7
 142 71.4 65.3 97.9

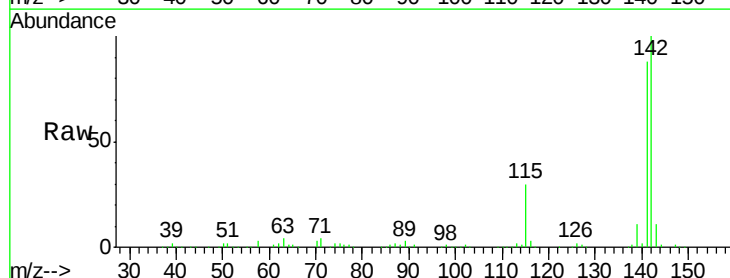


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

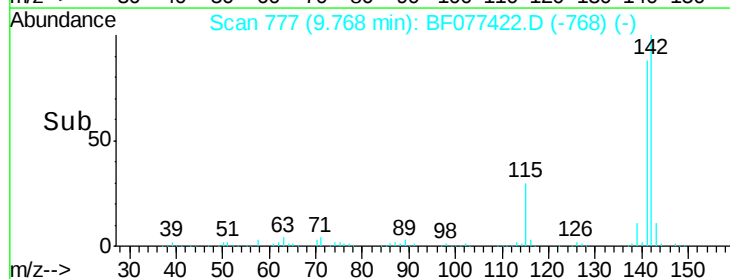
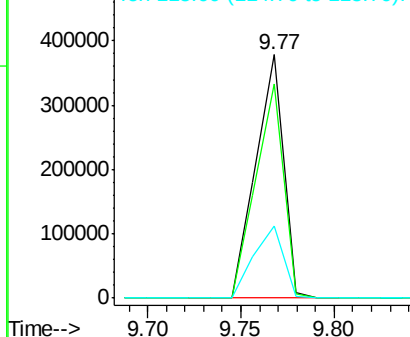


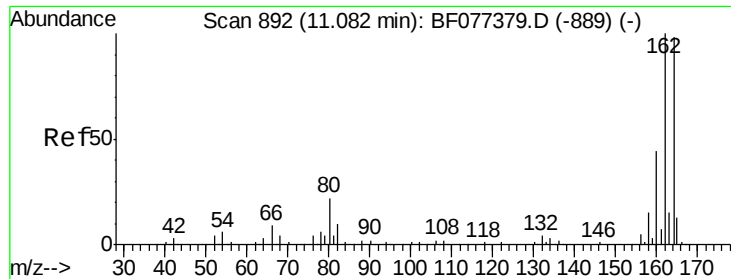
#37
 2-Methylnaphthalene
 Concen: 37.98 ng
 RT: 9.77 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Tgt Ion:142 Resp: 389176
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.7 106.1
 115 29.7 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

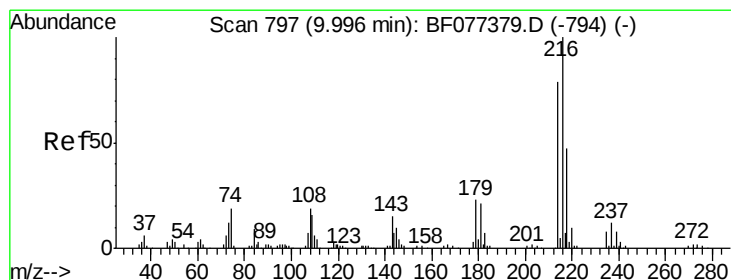
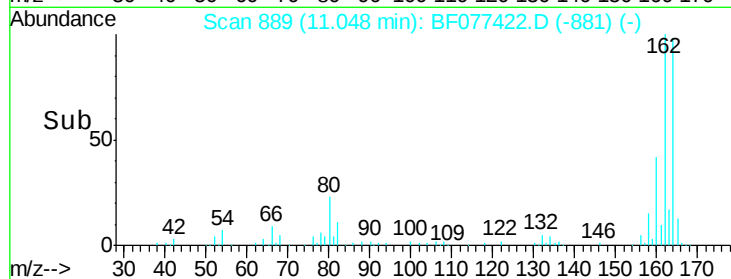
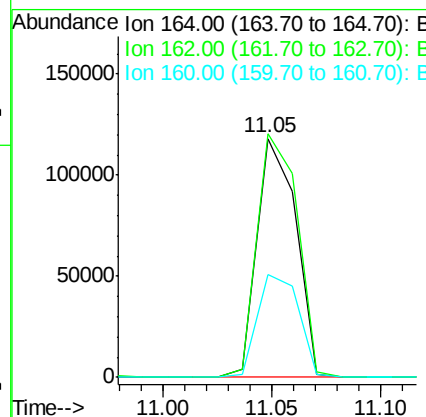
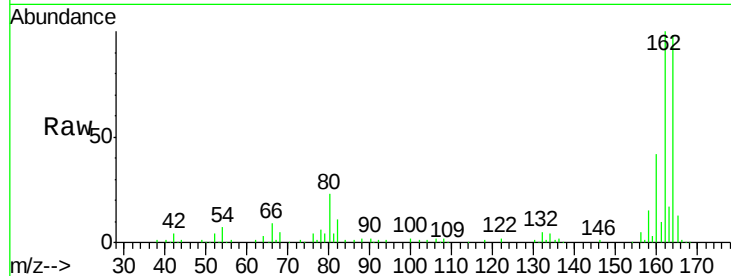




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

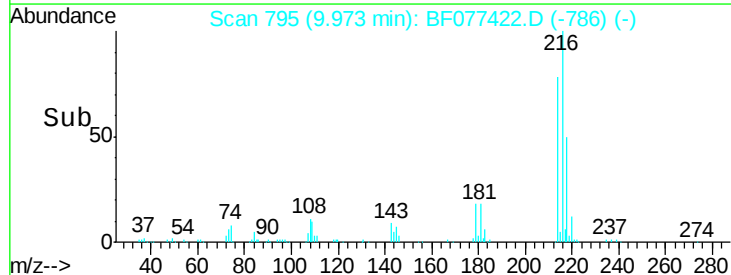
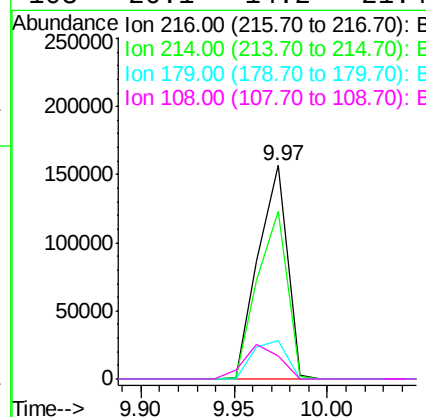
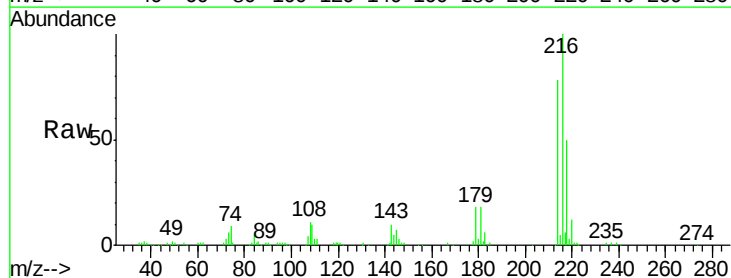
Instrument :
 BNA_F
 ClientSampleId :
 PB81861BSD

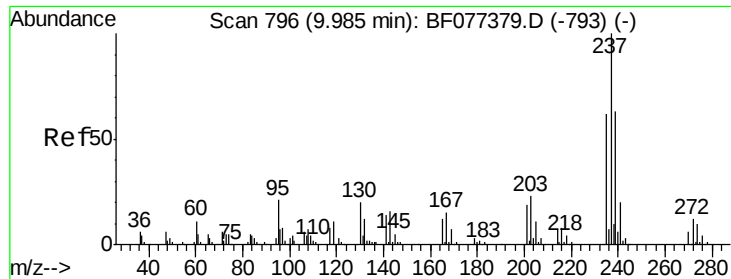
Tgt Ion:164 Resp: 147924
 Ion Ratio Lower Upper
 164 100
 162 101.9 83.2 124.8
 160 43.1 34.6 52.0



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.90 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Tgt Ion:216 Resp: 169364
 Ion Ratio Lower Upper
 216 100
 214 80.1 63.4 95.0
 179 21.0 16.6 25.0
 108 20.1 14.2 21.4

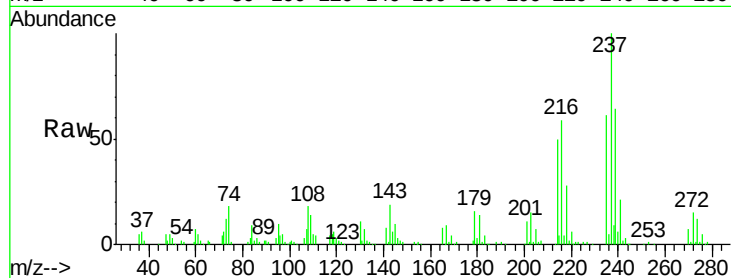




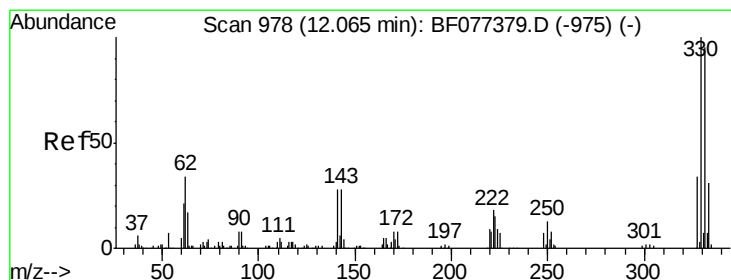
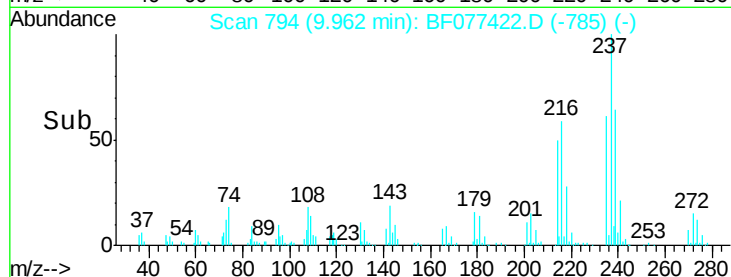
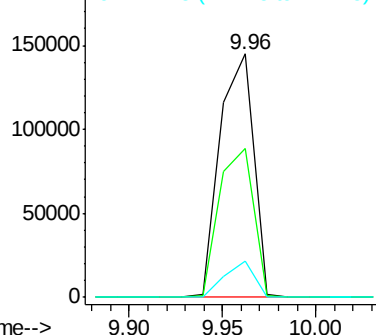
#40
Hexachlorocyclopentadiene
Concen: 79.66 ng
RT: 9.96 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB81861BSD

Tgt Ion:237 Resp: 181306
Ion Ratio Lower Upper
237 100
235 61.2 41.0 81.0
272 14.9 0.0 34.3

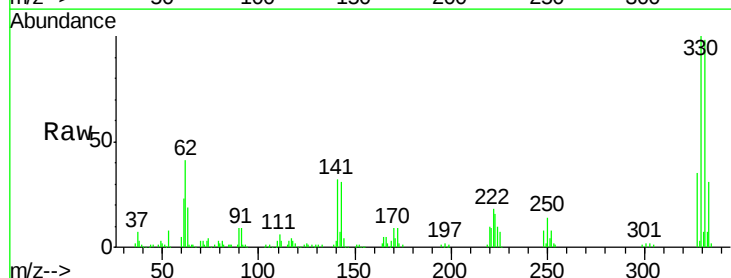


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

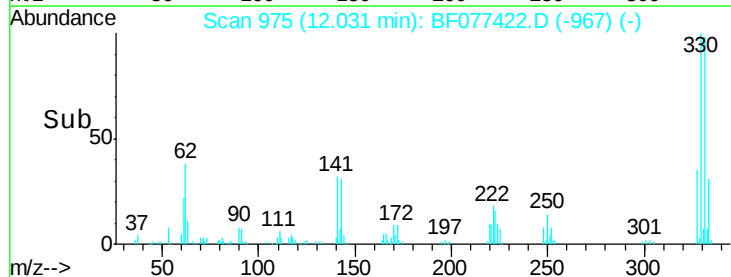
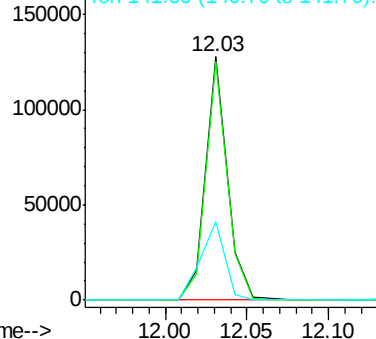


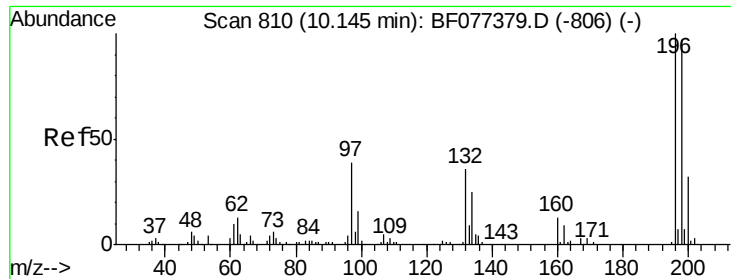
#41
2,4,6-Tribromophenol
Concen: 82.20 ng
RT: 12.03 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Tgt Ion:330 Resp: 117086
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 36.0 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

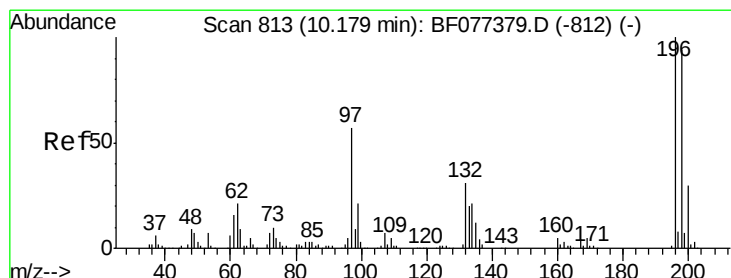
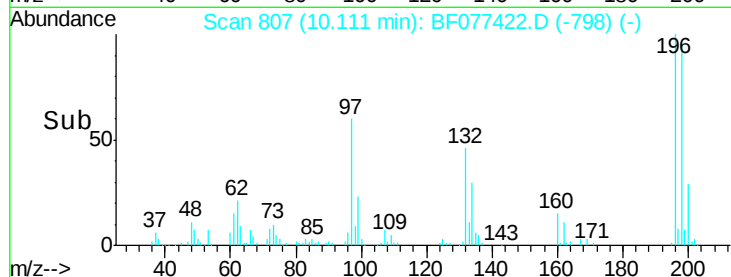
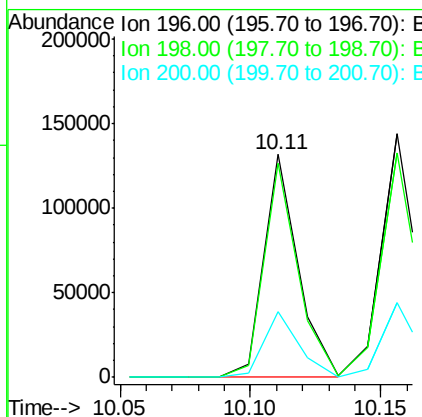
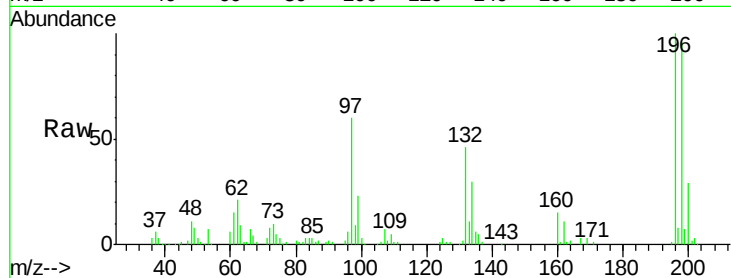




#42
2,4,6-Trichlorophenol
Concen: 43.00 ng
RT: 10.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

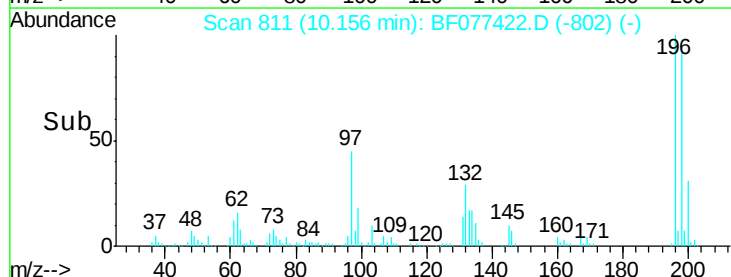
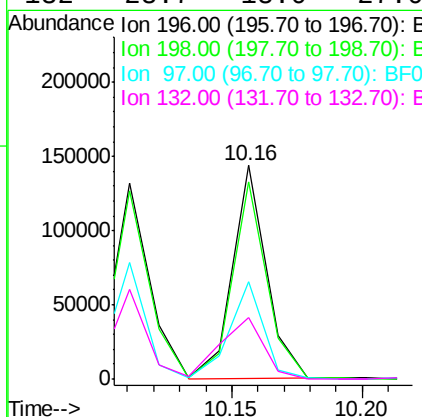
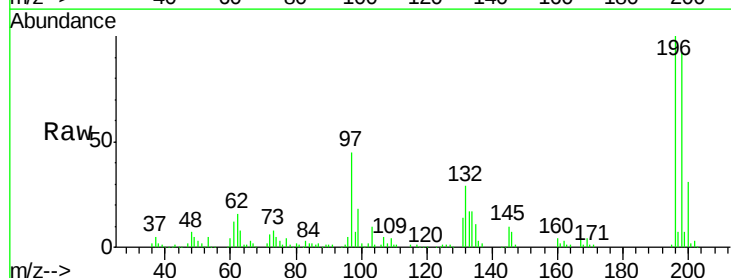
Instrument :
BNA_F
ClientSampleId :
PB81861BSD

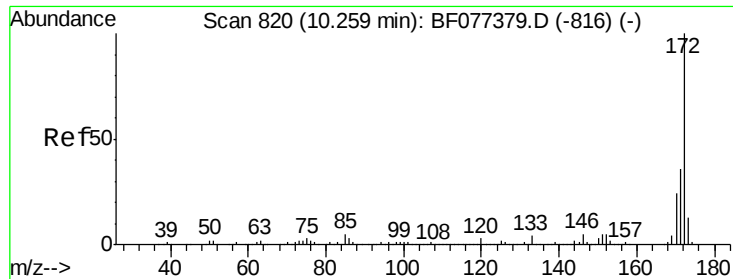
Tgt Ion:196 Resp: 120865
Ion Ratio Lower Upper
196 100
198 96.1 75.8 113.8
200 29.4 24.2 36.4



#43
2,4,5-Trichlorophenol
Concen: 43.62 ng
RT: 10.16 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Tgt Ion:196 Resp: 131097
Ion Ratio Lower Upper
196 100
198 92.4 77.2 115.8
97 45.3 27.7 41.5#
132 28.7 18.0 27.0#

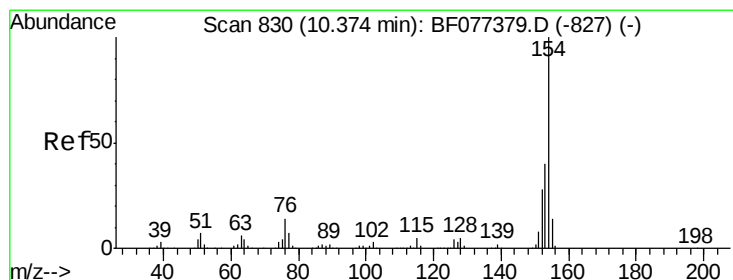
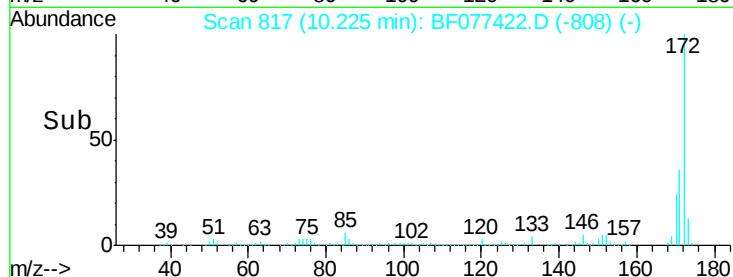
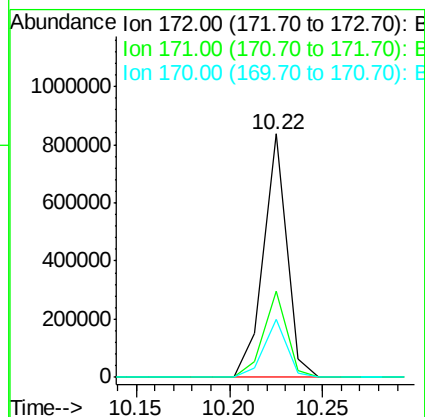
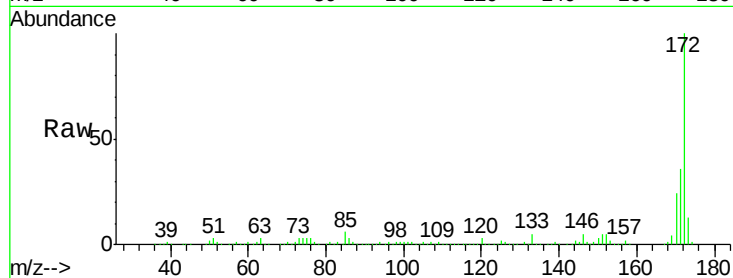




#44
 2-Fluorobiphenyl
 Concen: 76.21 ng
 RT: 10.22 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

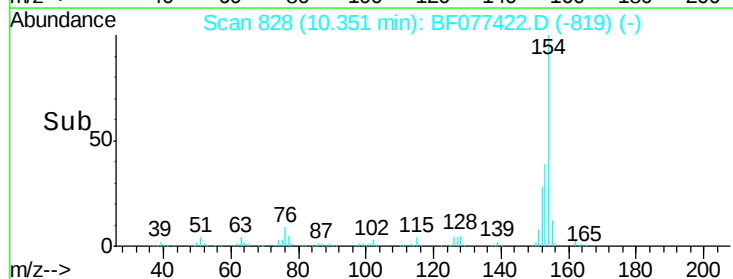
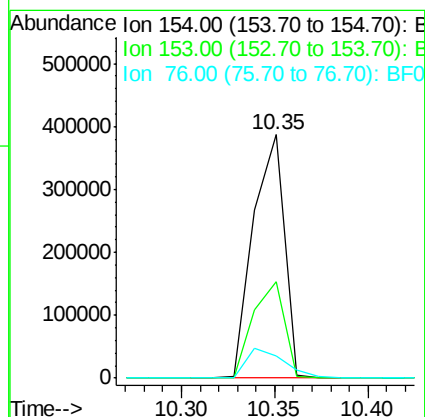
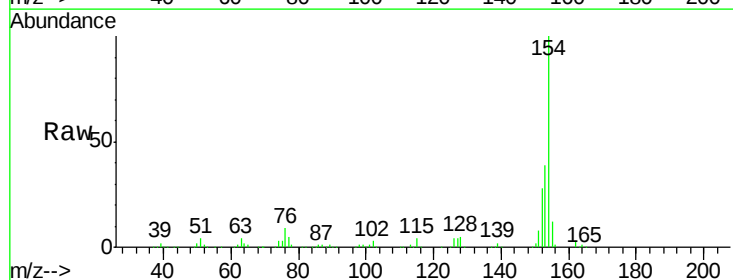
Instrument :
 BNA_F
 ClientSampled :
 PB81861BSD

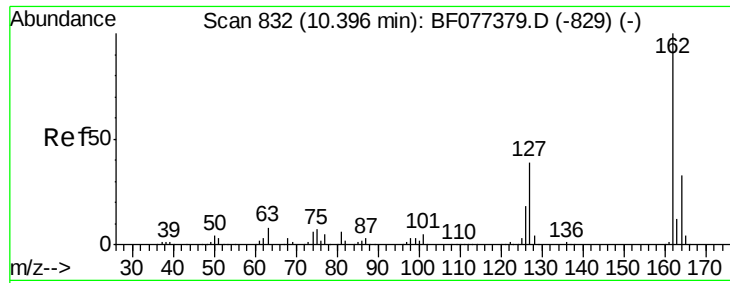
Tgt Ion:172 Resp: 723029
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 24.0 19.4 29.2



#45
 1,1'-Biphenyl
 Concen: 40.57 ng
 RT: 10.35 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Tgt Ion:154 Resp: 454717
 Ion Ratio Lower Upper
 154 100
 153 39.5 20.2 60.2
 76 9.1 0.0 29.4

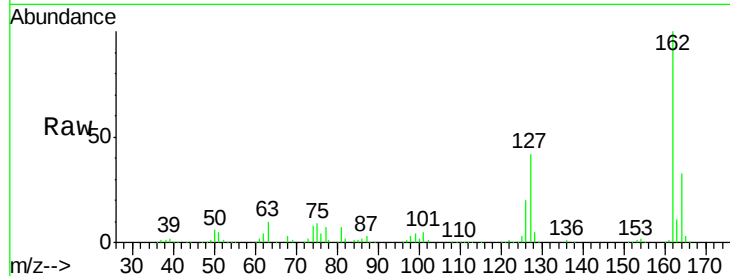




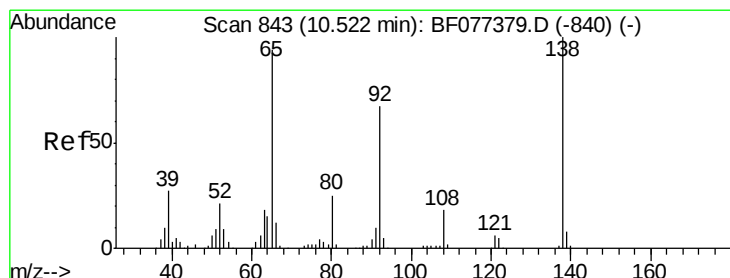
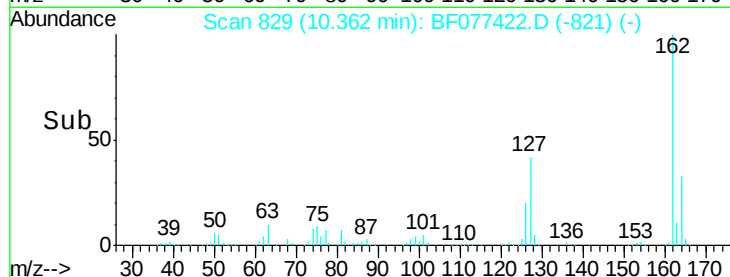
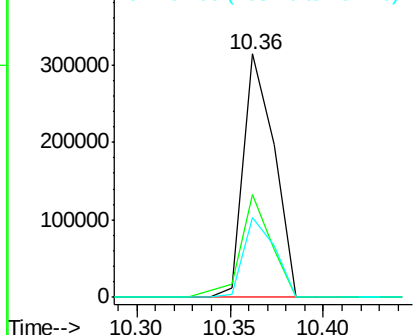
#46
 2-Chloronaphthalene
 Concen: 40.87 ng
 RT: 10.36 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BSD

Tgt Ion: 162 Resp: 359189
 Ion Ratio Lower Upper
 162 100
 127 42.4 33.3 49.9
 164 32.6 26.2 39.4

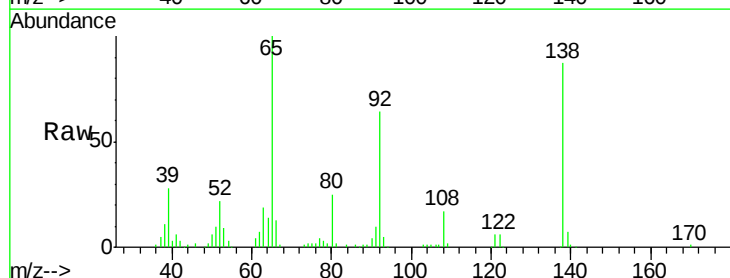


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

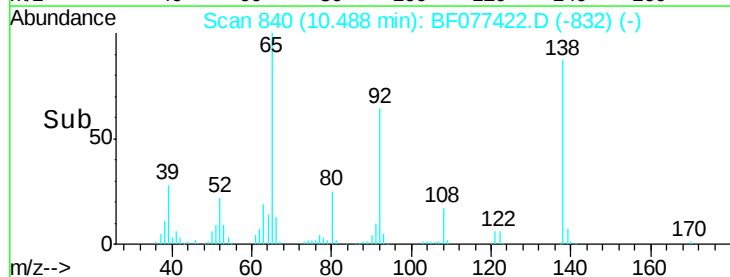
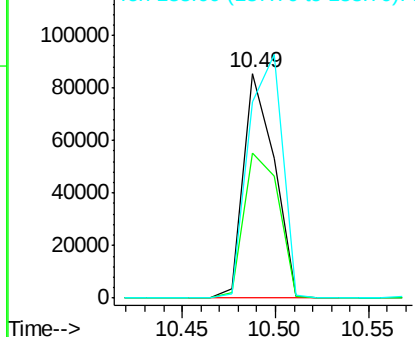


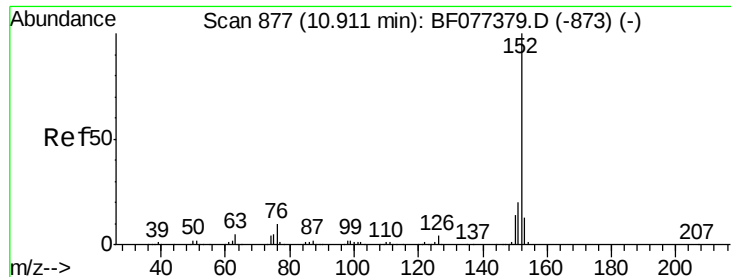
#47
 2-Nitroaniline
 Concen: 45.23 ng
 RT: 10.49 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Tgt Ion: 65 Resp: 97850
 Ion Ratio Lower Upper
 65 100
 92 64.3 52.4 78.6
 138 87.3 73.4 110.0



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





#48

Acenaphthylene

Concen: 41.80 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB81861BSD

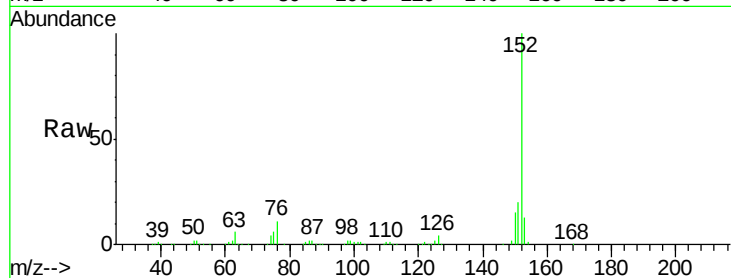
Tgt Ion:152 Resp: 581611

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

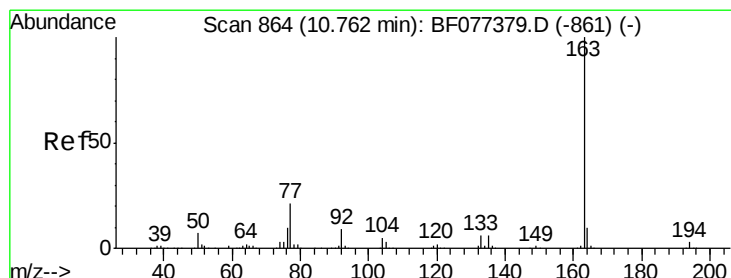
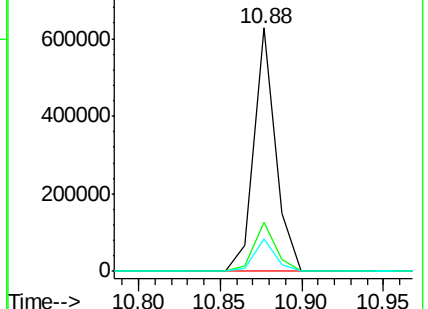
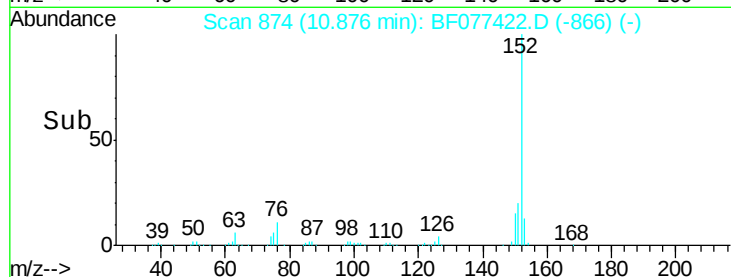
153 13.5 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.44 ng

RT: 10.73 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

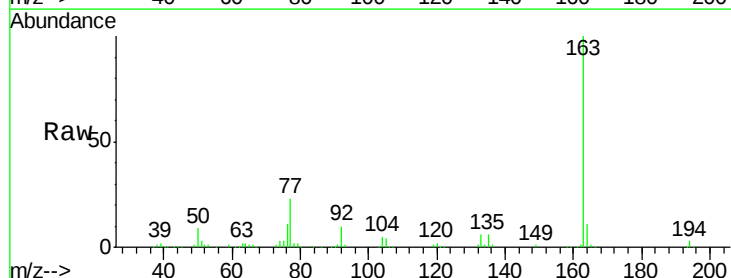
Tgt Ion:163 Resp: 420518

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

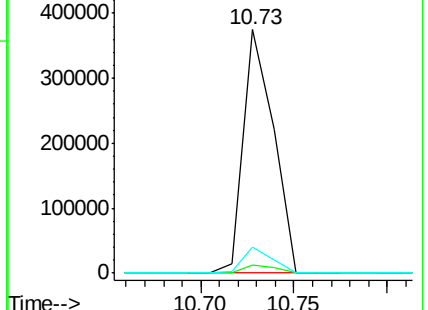
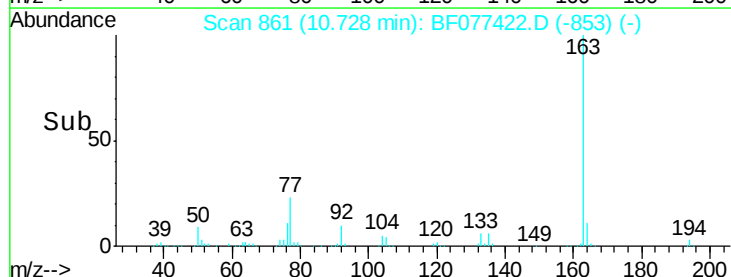
164 10.7 8.6 13.0

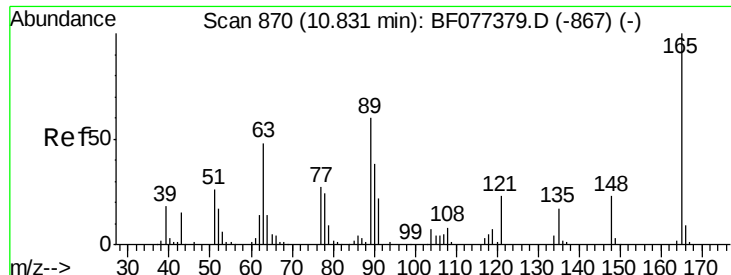


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

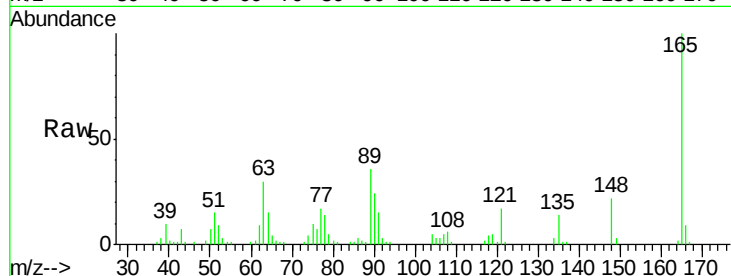




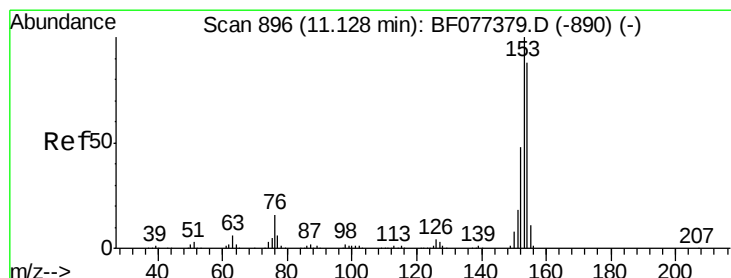
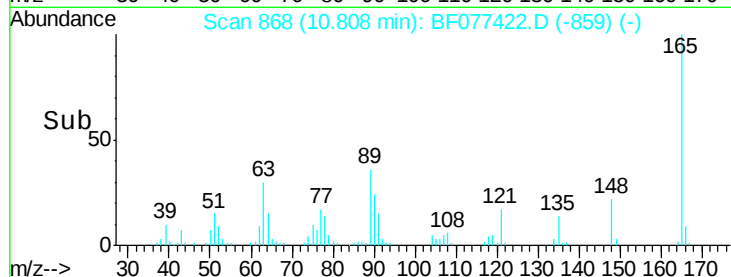
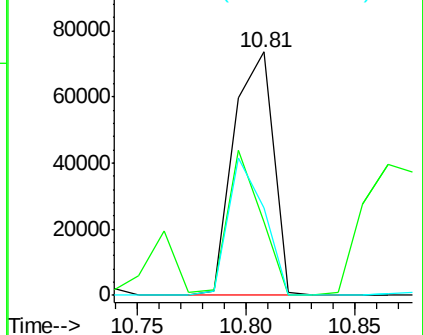
#50
2,6-Dinitrotoluene
Concen: 44.58 ng
RT: 10.81 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB81861BSD

Tgt Ion:165 Resp: 92950
Ion Ratio Lower Upper
165 100
63 30.4 25.2 37.8
89 35.7 30.5 45.7

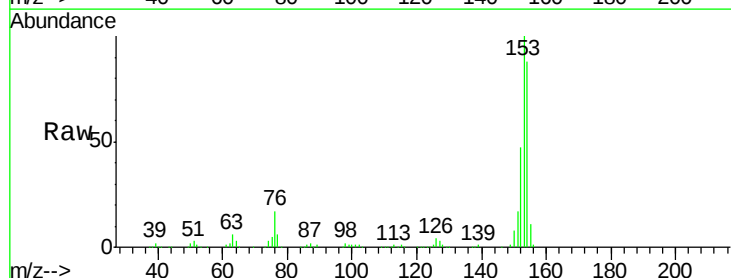


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

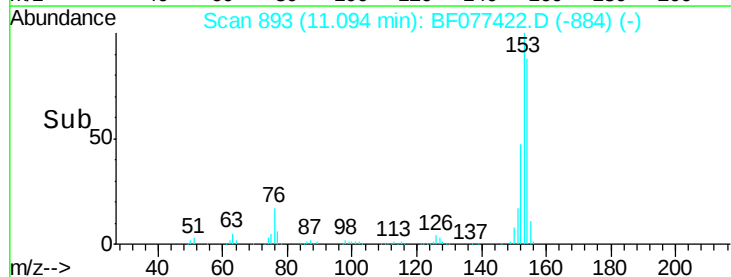
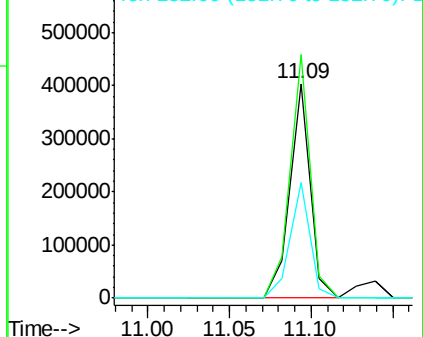


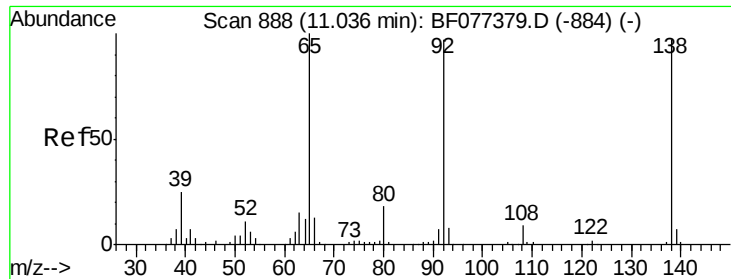
#51
Acenaphthene
Concen: 42.19 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Tgt Ion:154 Resp: 350269
Ion Ratio Lower Upper
154 100
153 113.6 90.5 135.7
152 53.8 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

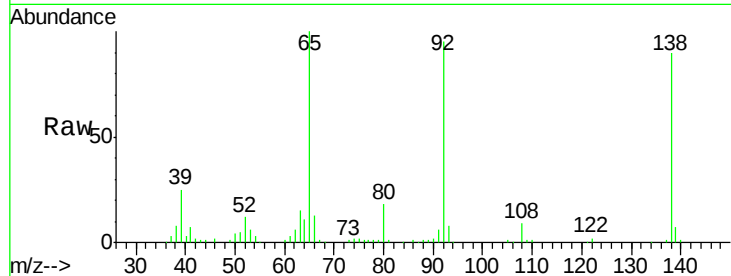




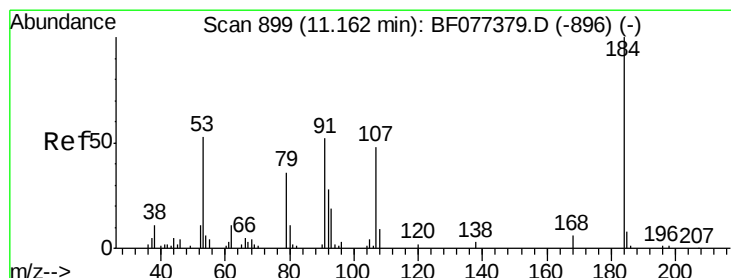
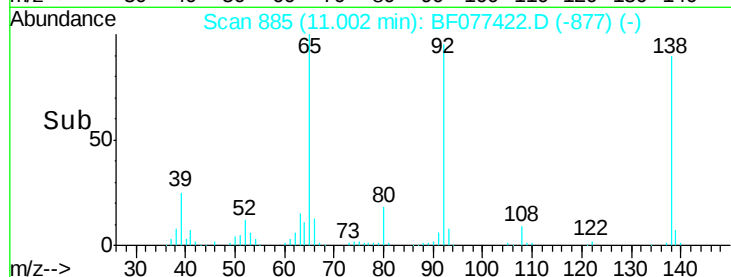
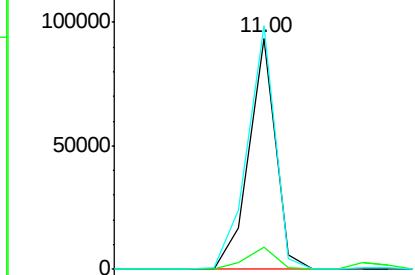
#52
3-Nitroaniline
Concen: 33.14 ng
RT: 11.00 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB81861BSD

Tgt Ion:138 Resp: 79677
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.8
92 105.4 90.6 135.8

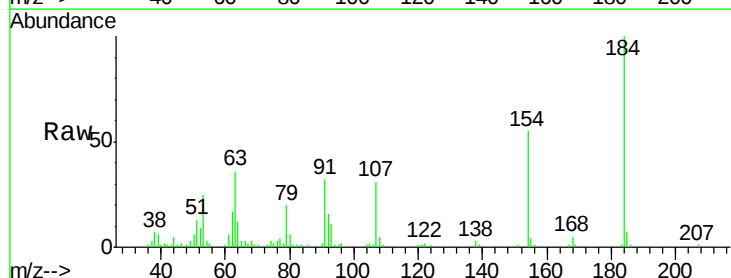


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

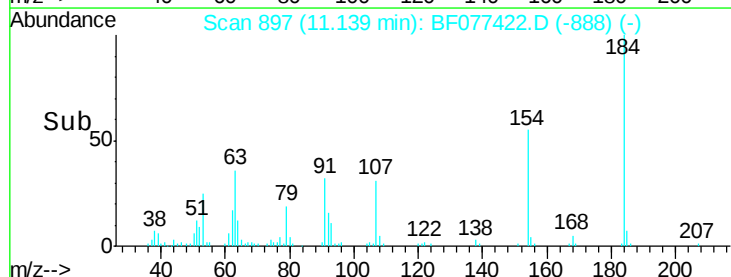
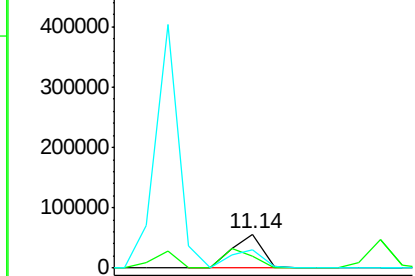


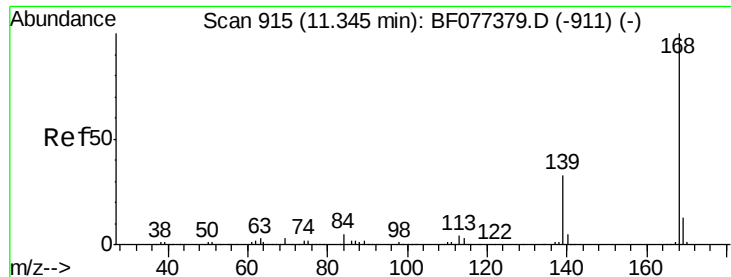
#53
2,4-Dinitrophenol
Concen: 99.42 ng
RT: 11.14 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Tgt Ion:184 Resp: 63085
Ion Ratio Lower Upper
184 100
63 35.8 29.5 44.3
154 54.9 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

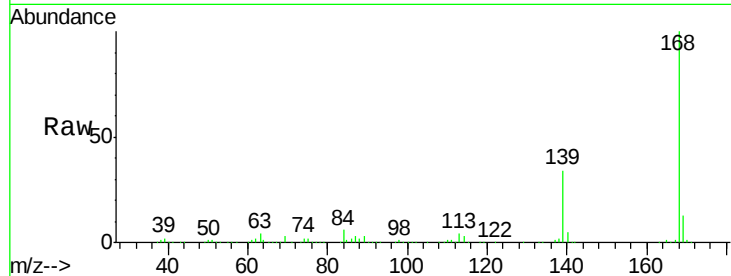




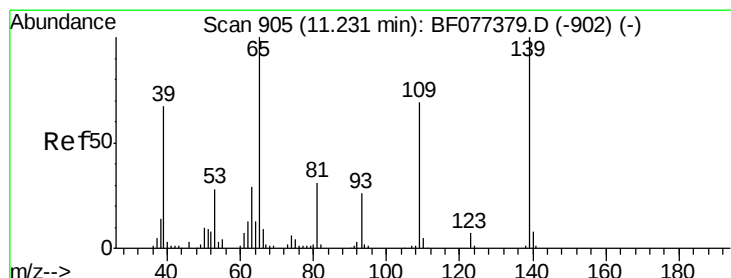
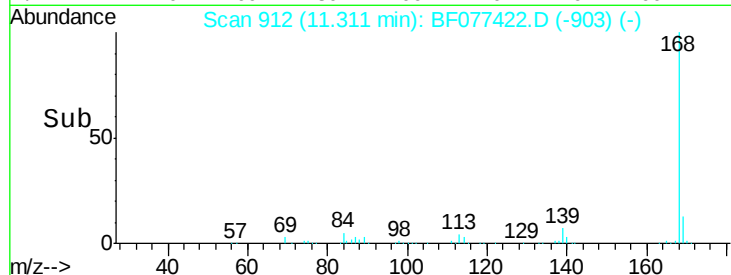
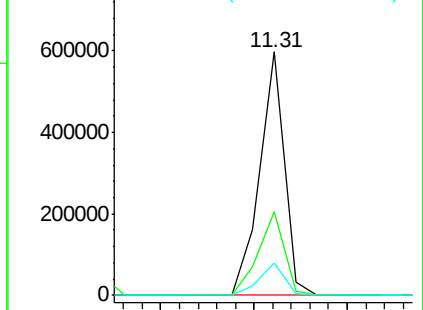
#54
Dibenzenofuran
Concen: 42.60 ng
RT: 11.31 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB81861BSD

Tgt Ion:168 Resp: 546090
Ion Ratio Lower Upper
168 100
139 34.5 29.3 43.9
169 13.3 10.9 16.3

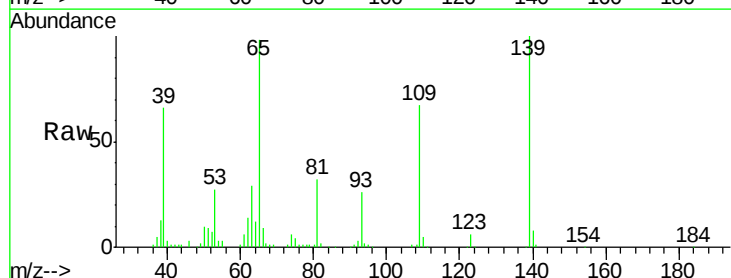


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

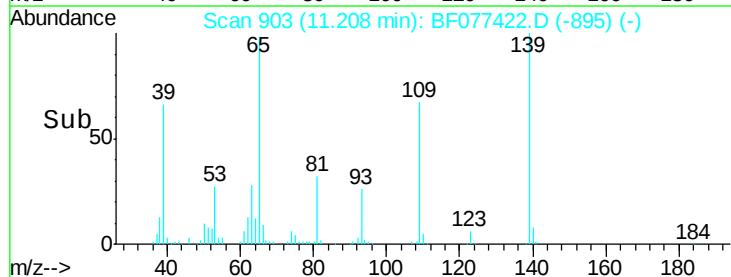
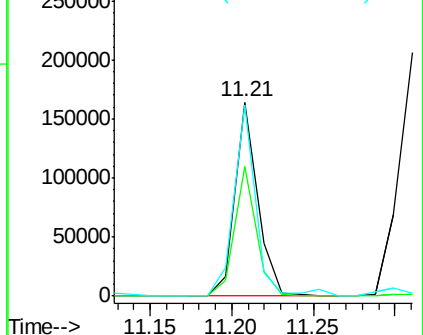


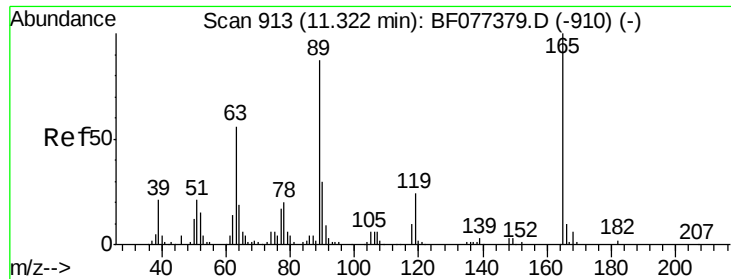
#55
4-Nitrophenol
Concen: 81.76 ng
RT: 11.21 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Tgt Ion:139 Resp: 158109
Ion Ratio Lower Upper
139 100
109 66.8 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

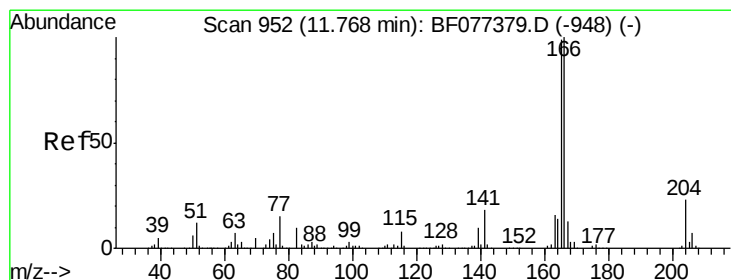
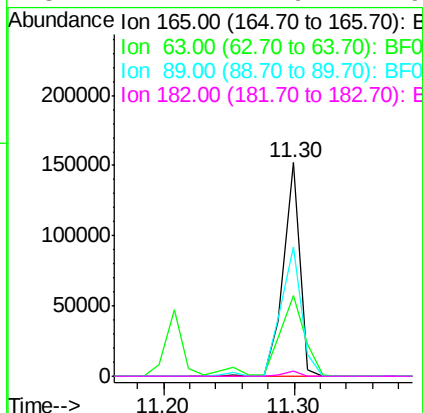
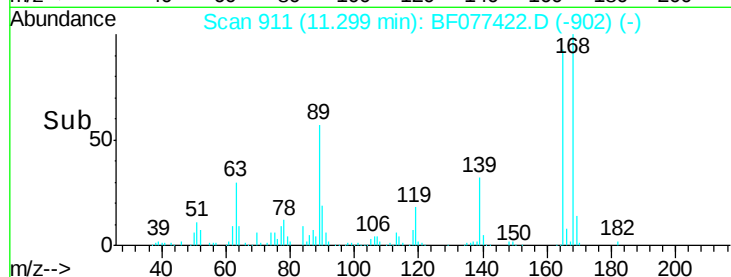
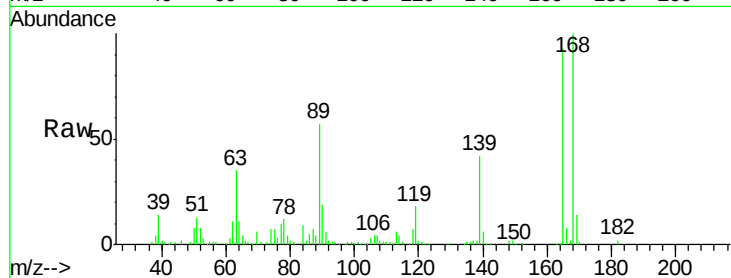




#56
2,4-Dinitrotoluene
Concen: 48.02 ng
RT: 11.30 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

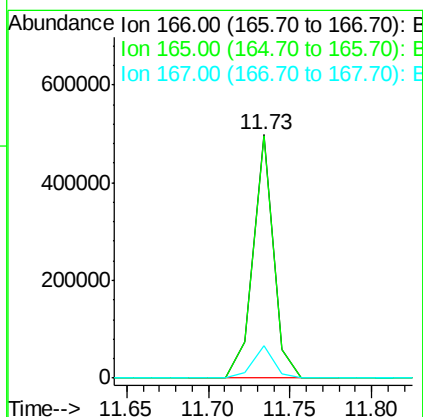
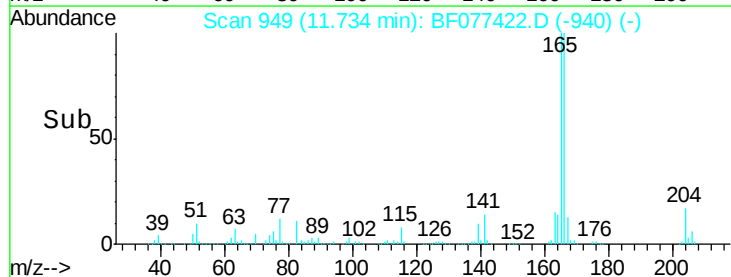
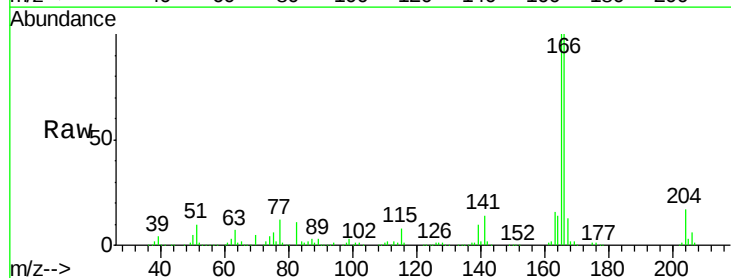
Instrument :
BNA_F
ClientSampleId :
PB81861BSD

Tgt Ion:165 Resp: 135318
Ion Ratio Lower Upper
165 100
63 37.8 29.8 44.8
89 60.7 48.5 72.7
182 2.4 1.9 2.9



#57
Fluorene
Concen: 42.19 ng
RT: 11.73 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Tgt Ion:166 Resp: 432428
Ion Ratio Lower Upper
166 100
165 99.8 77.6 116.4
167 13.4 10.6 16.0

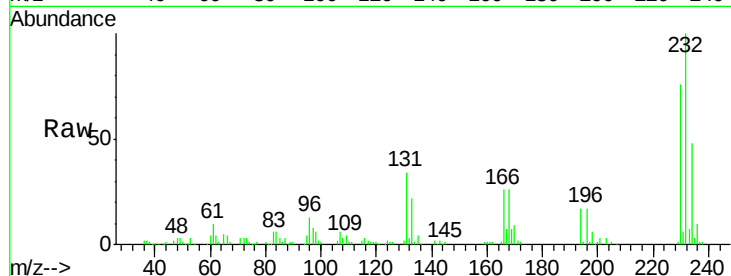




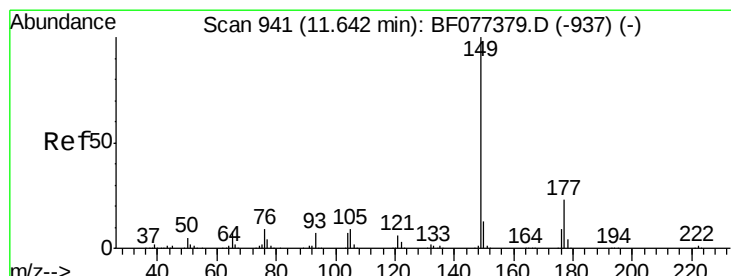
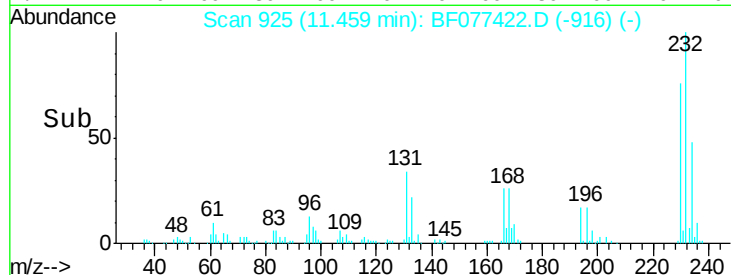
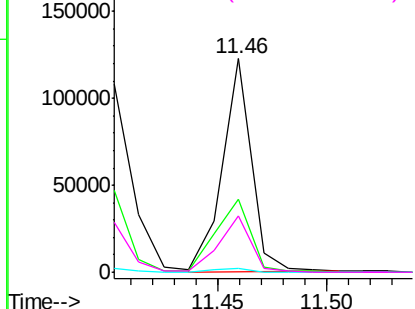
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.65 ng
 RT: 11.46 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BSD

Tgt Ion: 232 Resp: 112733
 Ion Ratio Lower Upper
 232 100
 131 41.0 34.2 51.2
 130 2.0 1.8 2.6
 166 29.1 24.3 36.5

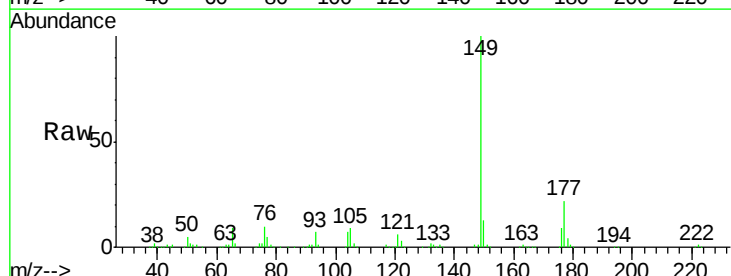


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

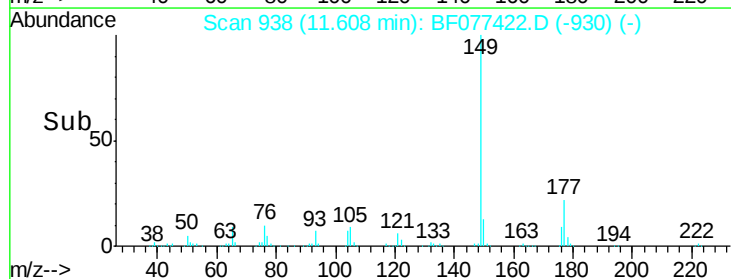
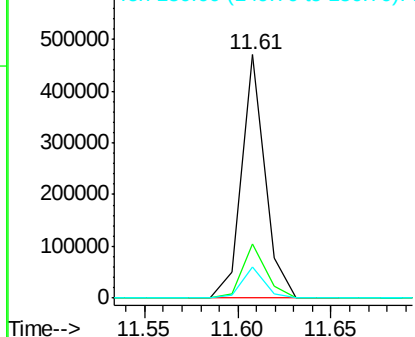


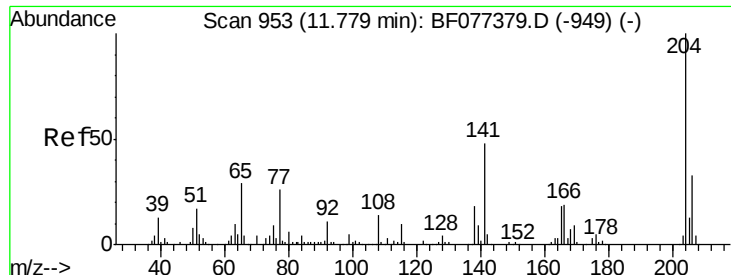
#59
 Diethylphthalate
 Concen: 40.08 ng
 RT: 11.61 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Tgt Ion: 149 Resp: 410865
 Ion Ratio Lower Upper
 149 100
 177 22.2 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

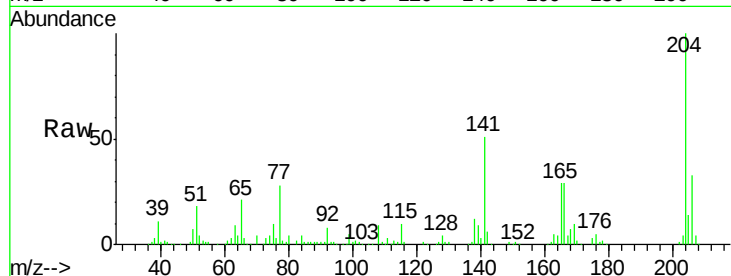




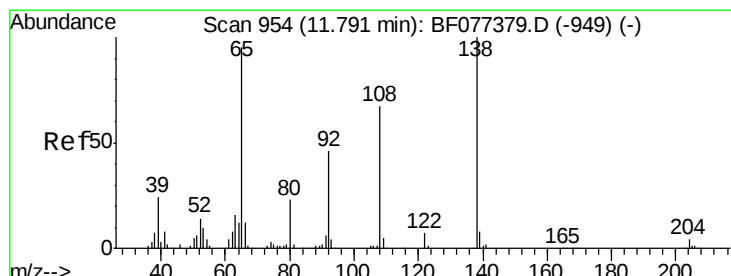
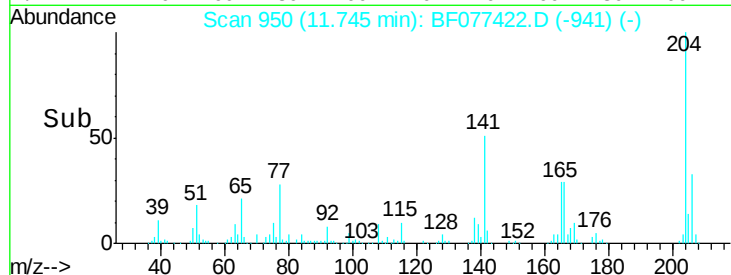
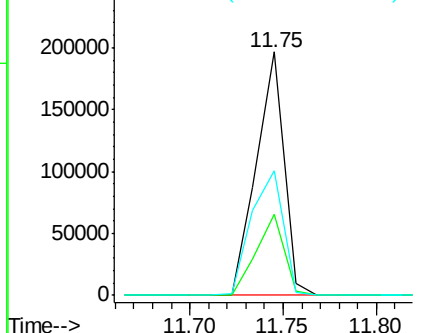
#60
 4-Chlorophenyl-phenylether
 Concen: 40.73 ng
 RT: 11.75 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BSD

Tgt Ion: 204 Resp: 201136
 Ion Ratio Lower Upper
 204 100
 206 33.1 25.9 38.9
 141 51.4 43.6 65.4

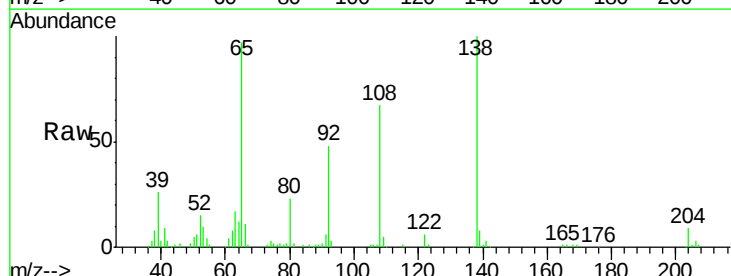


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

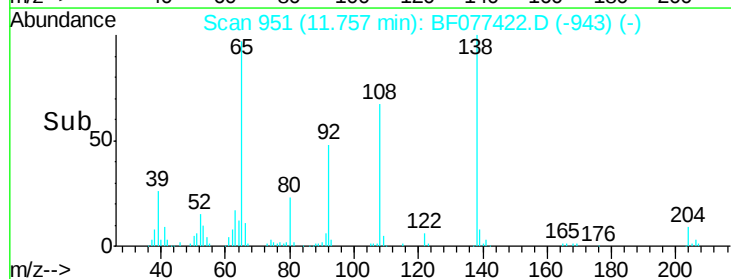
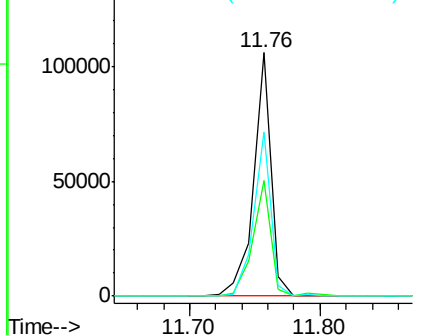


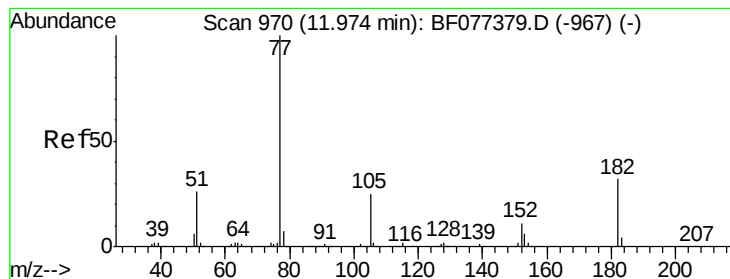
#61
 4-Nitroaniline
 Concen: 43.31 ng
 RT: 11.76 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Tgt Ion: 138 Resp: 99810
 Ion Ratio Lower Upper
 138 100
 92 47.7 32.8 72.8
 108 67.2 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: 40.15 ng

RT: 11.94 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB81861BSD

Tgt Ion: 77 Resp: 390459

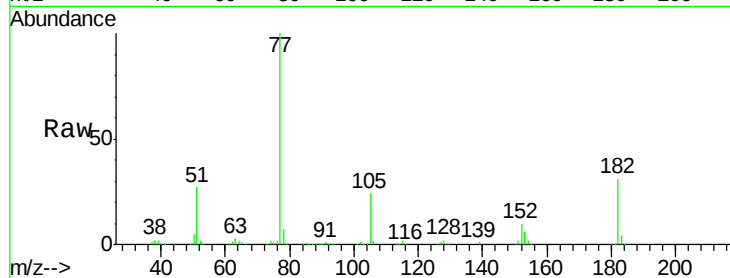
Ion Ratio Lower Upper

77 100

182 30.6 4.9 44.9

105 24.3 3.3 43.3

51 27.1 8.9 48.9

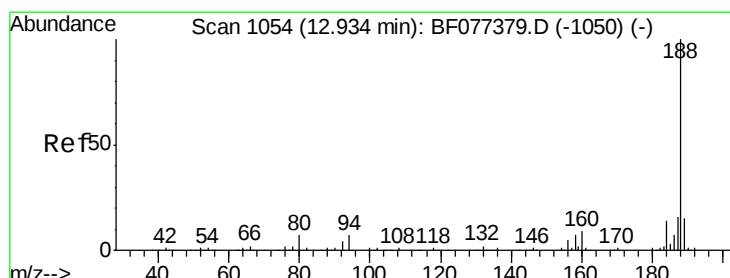
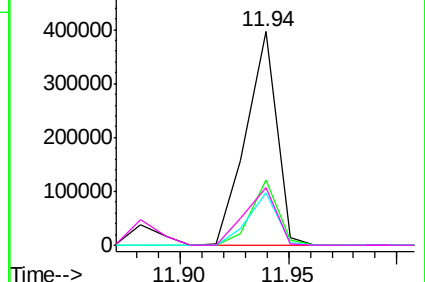
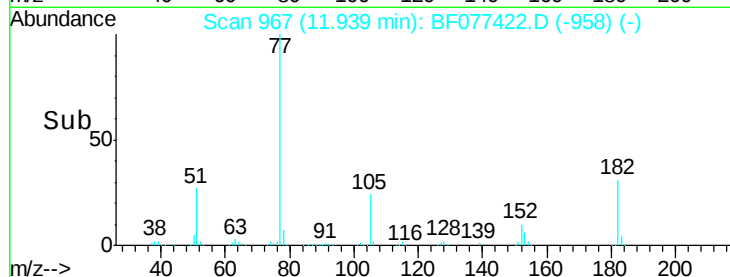


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

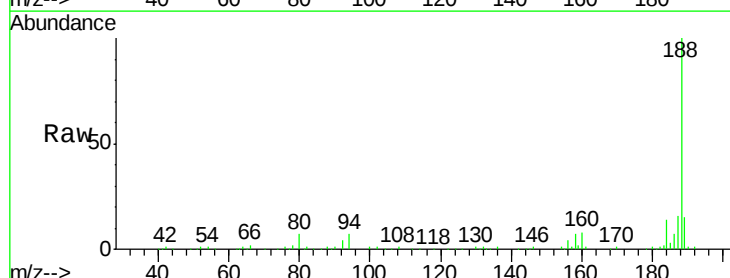
Tgt Ion: 188 Resp: 288596

Ion Ratio Lower Upper

188 100

94 6.7 7.4 11.2#

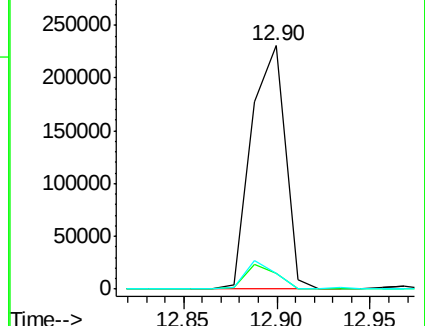
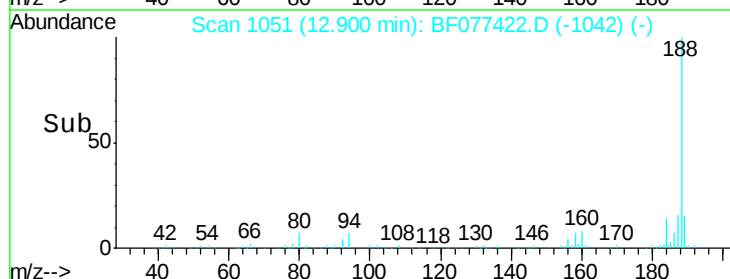
80 6.6 8.0 12.0#

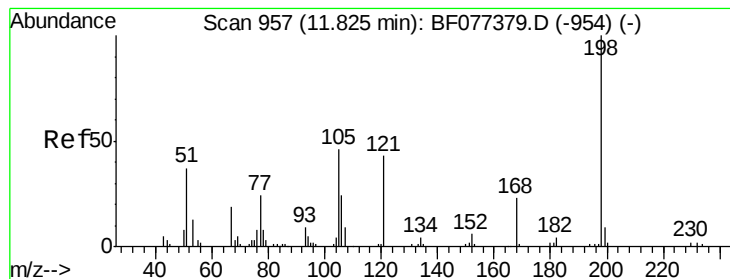


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 37.02 ng

RT: 11.79 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB81861BSD

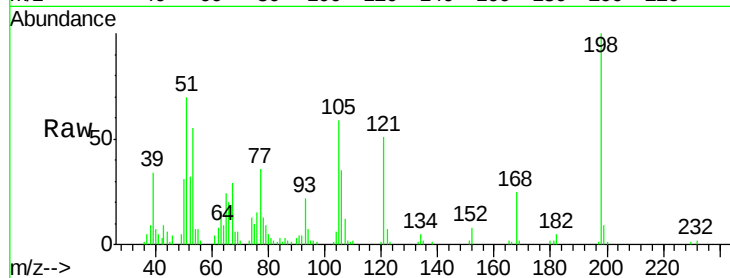
Tgt Ion:198 Resp: 41576

Ion Ratio Lower Upper

198 100

51 70.0 2.7 42.7#

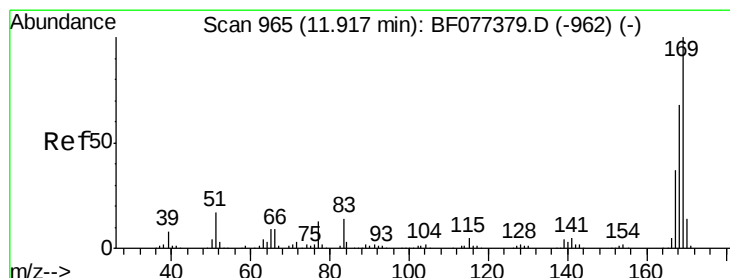
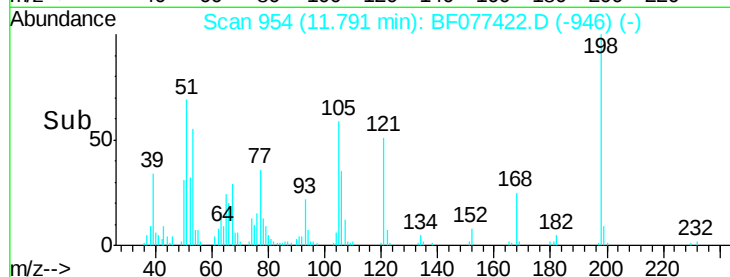
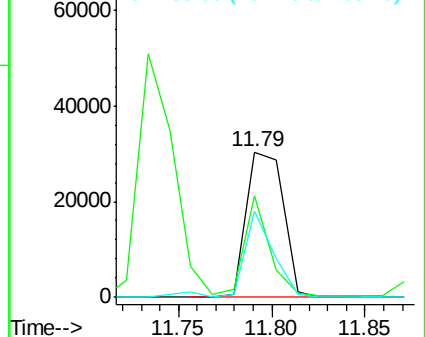
105 59.4 10.0 50.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 38.17 ng

RT: 11.88 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

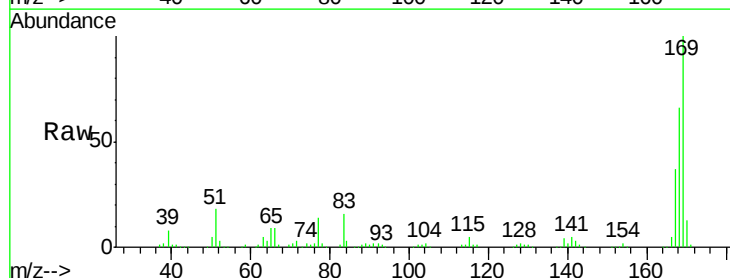
Tgt Ion:169 Resp: 365475

Ion Ratio Lower Upper

169 100

168 66.3 53.0 79.6

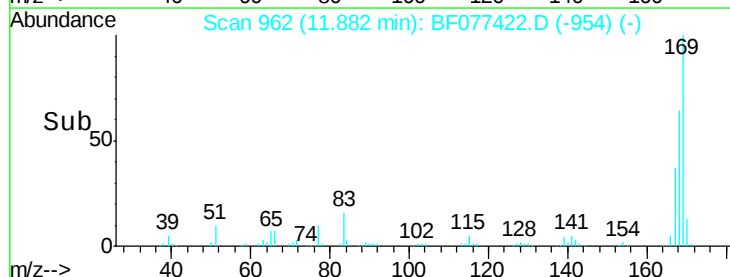
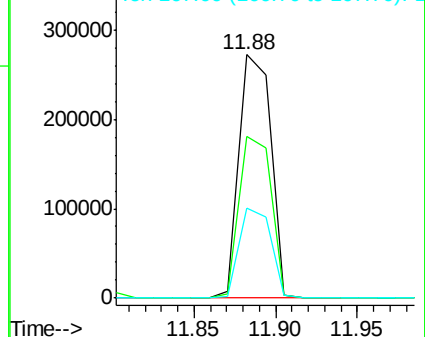
167 37.1 29.5 44.3

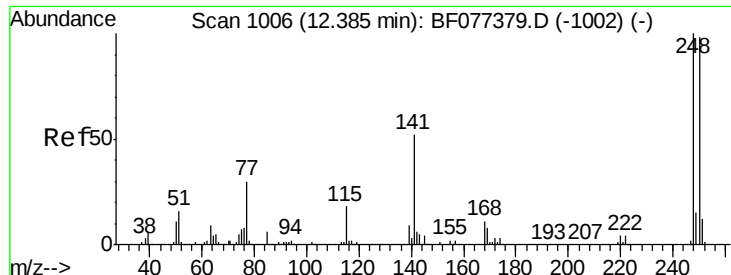


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

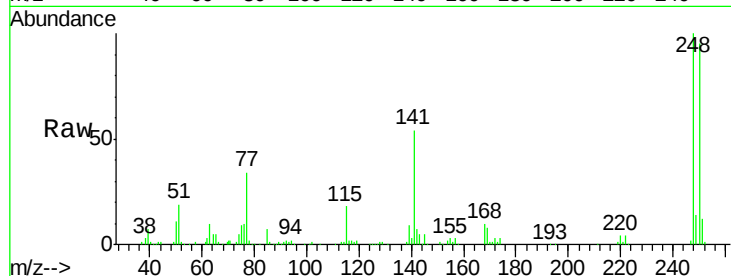




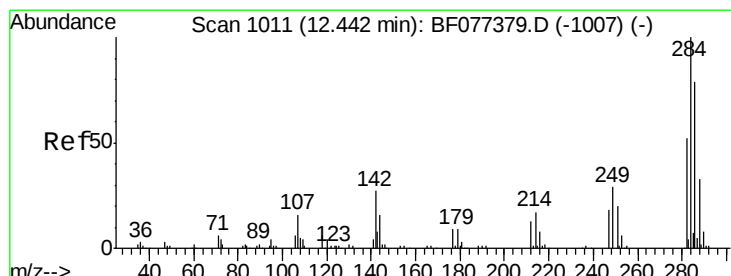
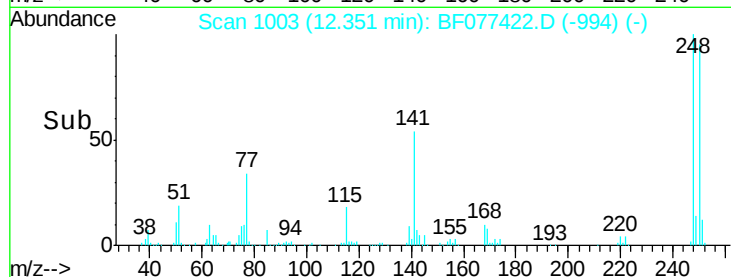
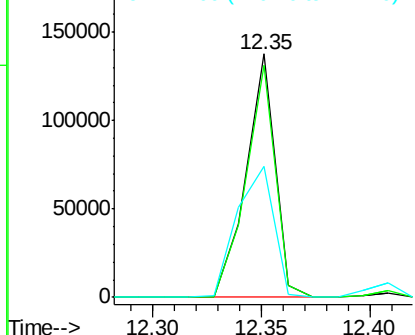
#66
 4-Bromophenyl-phenylether
 Concen: 37.77 ng
 RT: 12.35 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BSD

Tgt Ion:248 Resp: 127635
 Ion Ratio Lower Upper
 248 100
 250 95.3 78.0 117.0
 141 53.7 54.1 81.1#

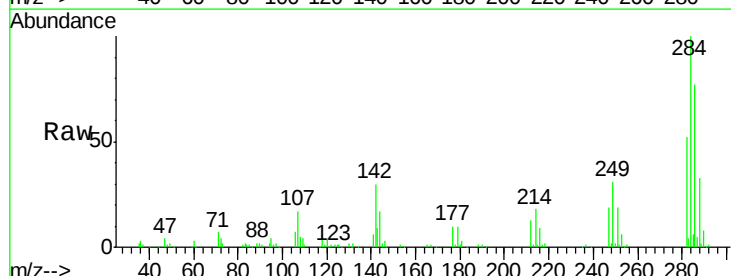


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

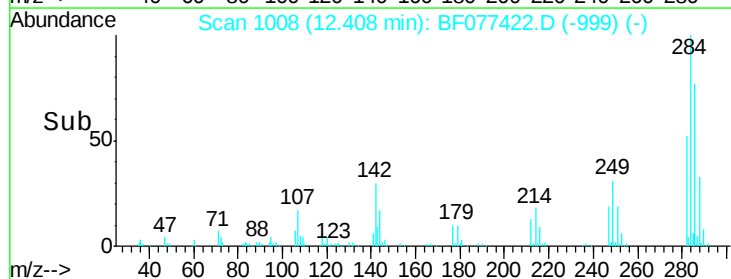
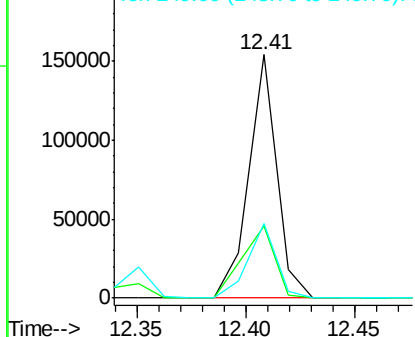


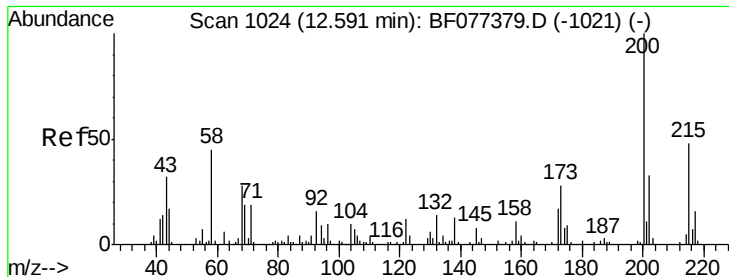
#67
 Hexachlorobenzene
 Concen: 38.09 ng
 RT: 12.41 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Tgt Ion:284 Resp: 138160
 Ion Ratio Lower Upper
 284 100
 142 29.5 31.6 47.4#
 249 30.5 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

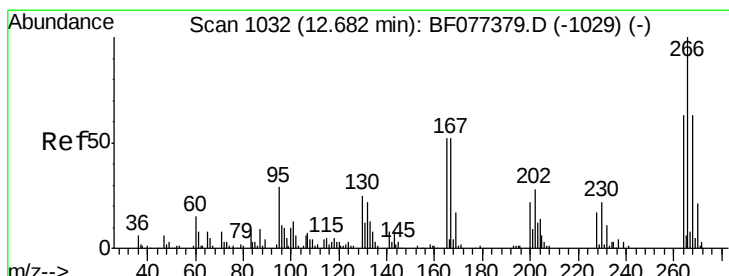
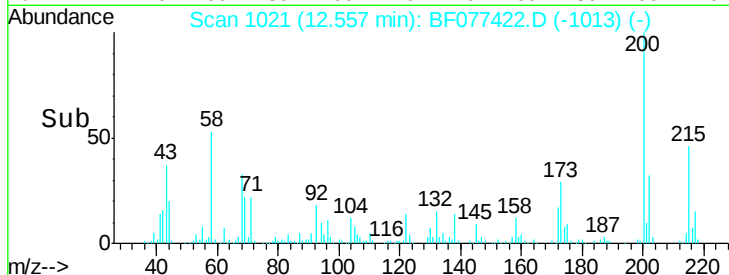
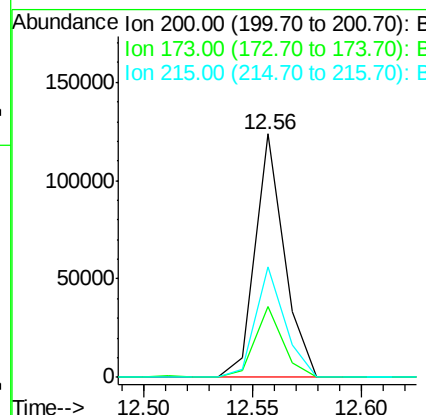
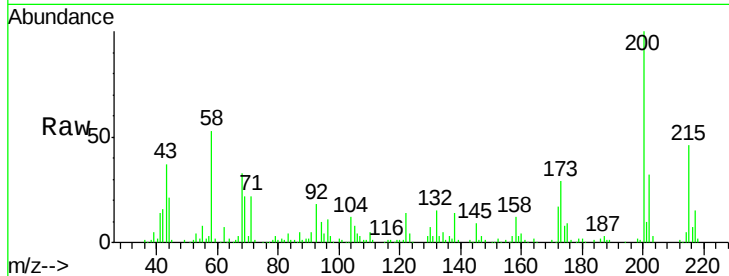




#68
 Atrazine
 Concen: 36.75 ng
 RT: 12.56 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

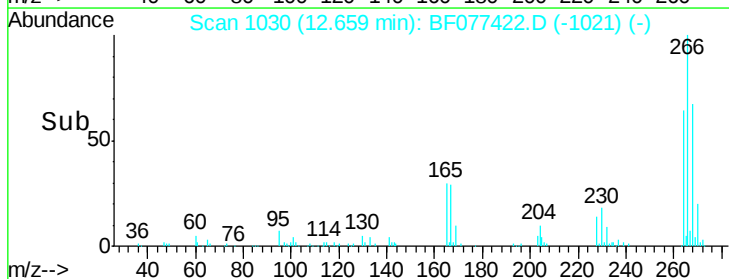
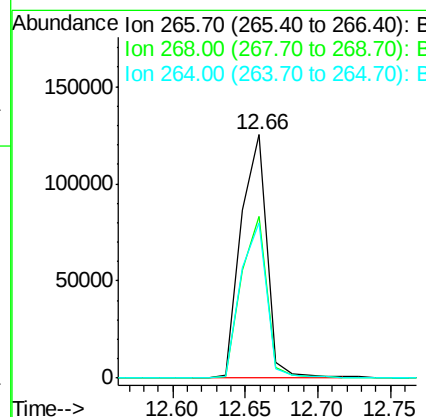
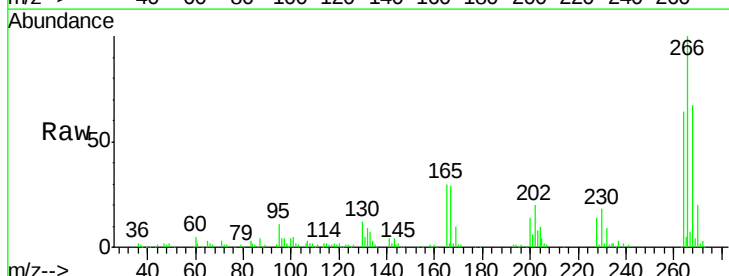
Instrument :
 BNA_F
 ClientSampleId :
 PB81861BSD

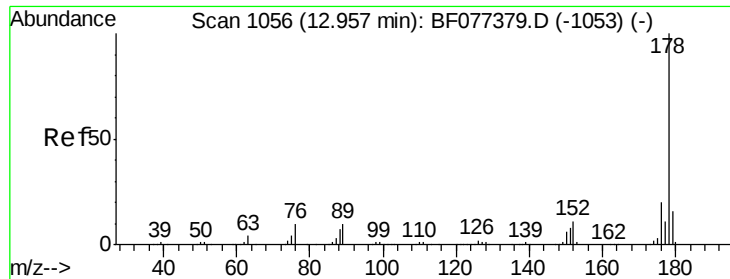
Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.0	9.6	49.6
215	45.6	24.4	64.4



#69
 Pentachlorophenol
 Concen: 81.83 ng
 RT: 12.66 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	51.2	76.8
264	63.9	50.7	76.1

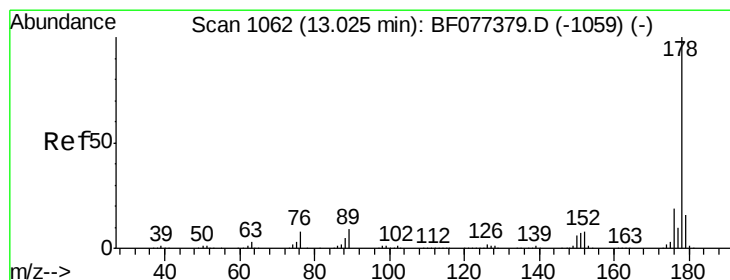
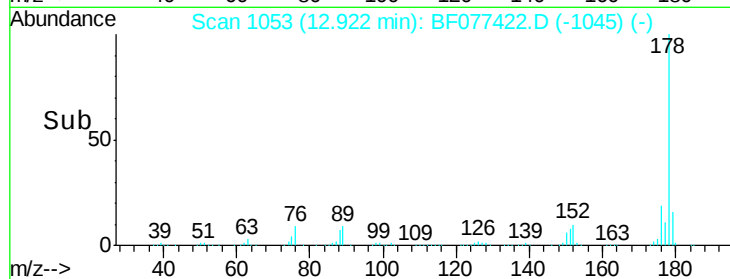
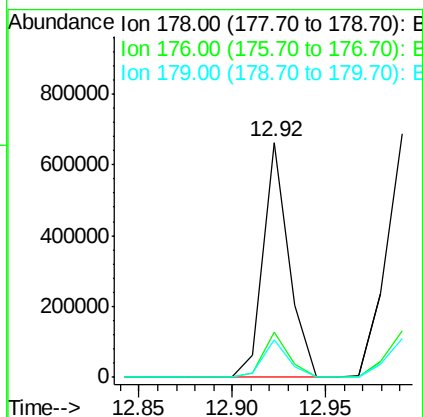
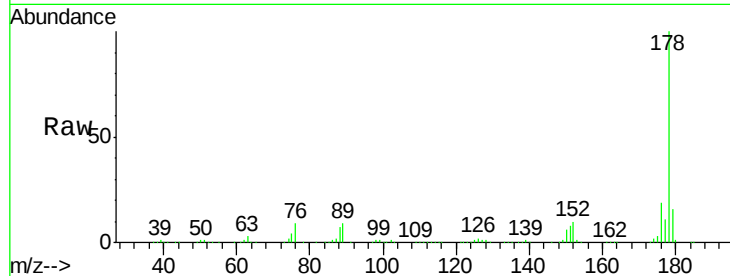




#70
Phenanthrene
Concen: 38.15 ng
RT: 12.92 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

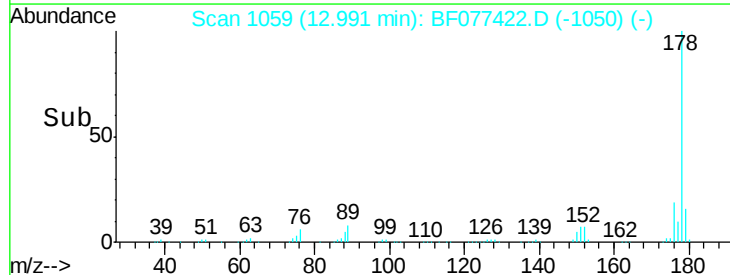
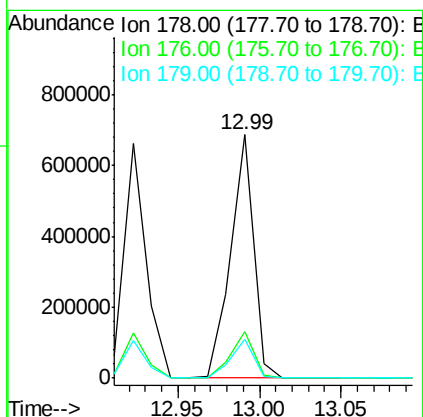
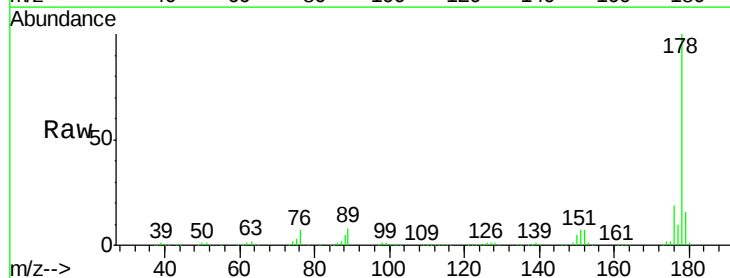
Instrument :
BNA_F
ClientSampleId :
PB81861BSD

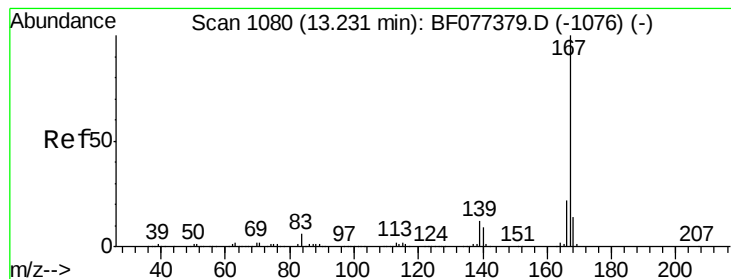
Tgt Ion:178 Resp: 638124
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.8 12.2 18.2



#71
Anthracene
Concen: 39.93 ng
RT: 12.99 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Tgt Ion:178 Resp: 662768
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.7 12.9 19.3





#72

Carbazole

Concen: 39.51 ng

RT: 13.20 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB81861BSD

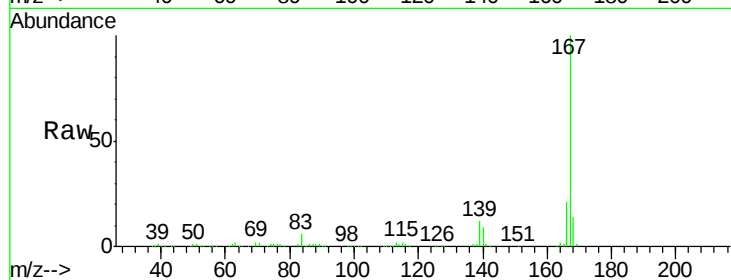
Tgt Ion:167 Resp: 623511

Ion Ratio Lower Upper

167 100

166 21.5 17.6 26.4

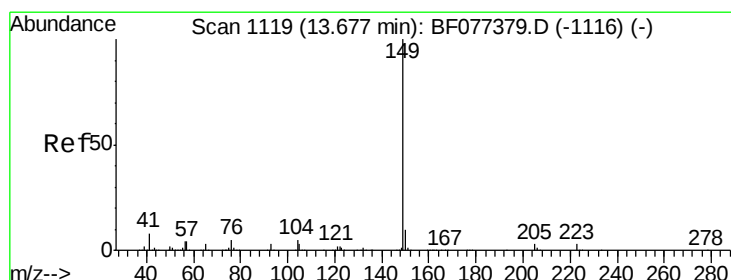
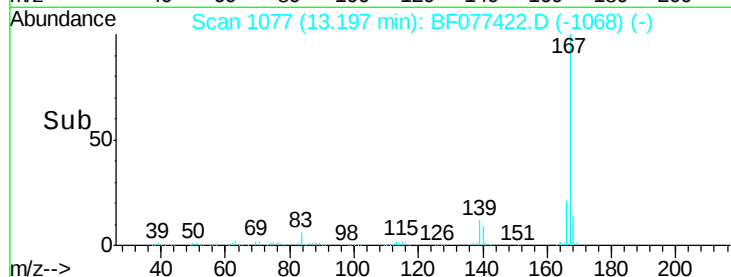
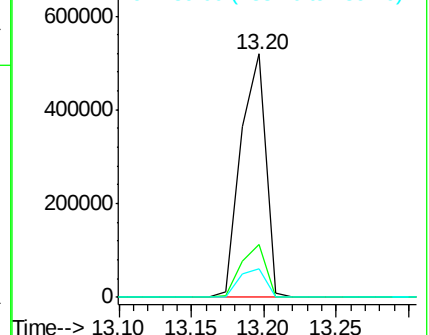
139 11.5 9.9 14.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 36.55 ng

RT: 13.64 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

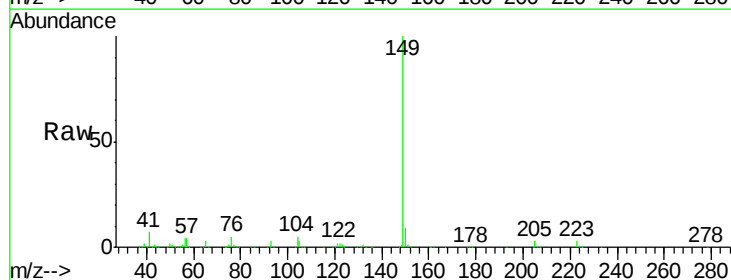
Tgt Ion:149 Resp: 677458

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

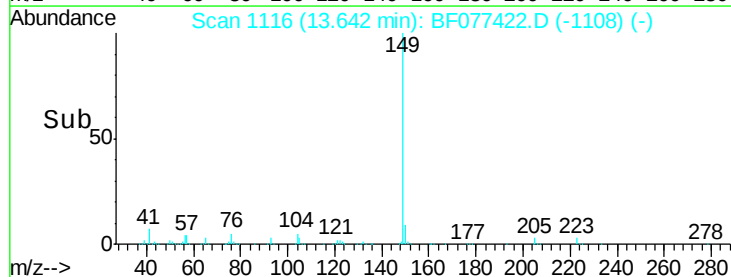
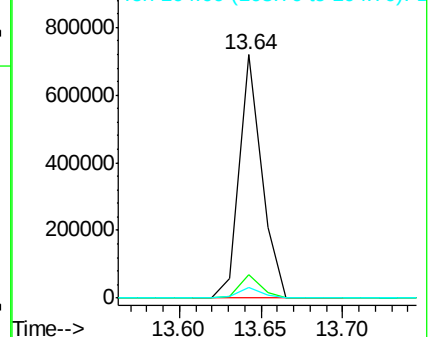
104 4.6 4.1 6.1

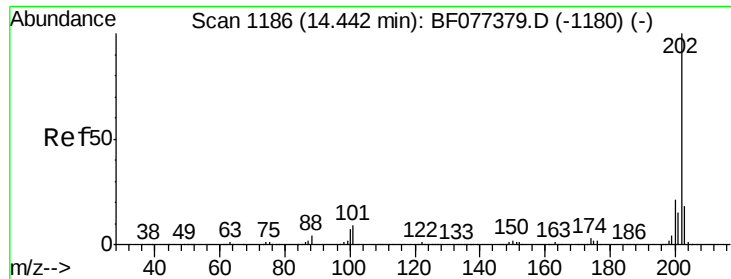


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

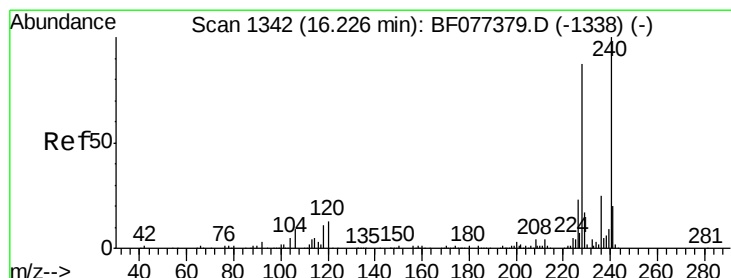
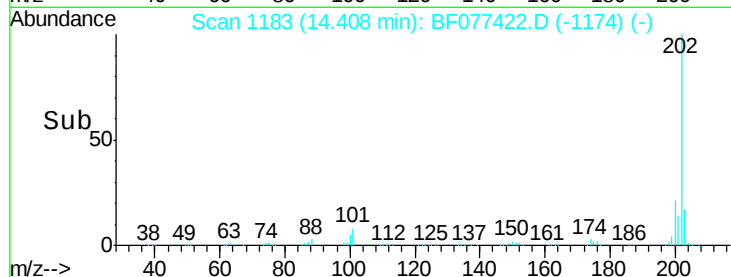
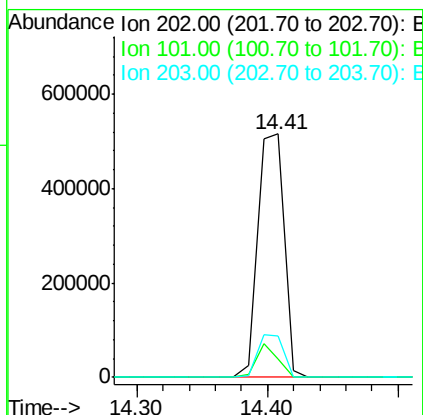
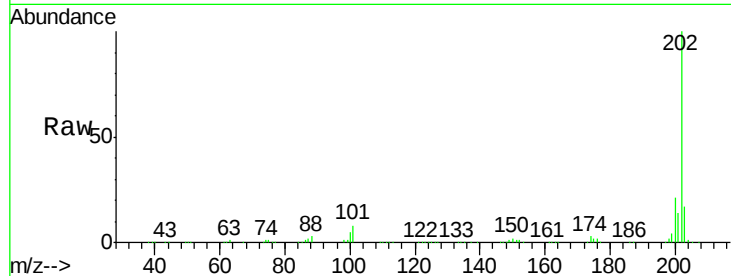




#74
 Fluoranthene
 Concen: 39.95 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

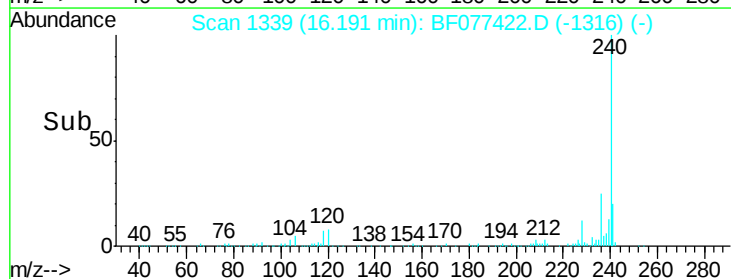
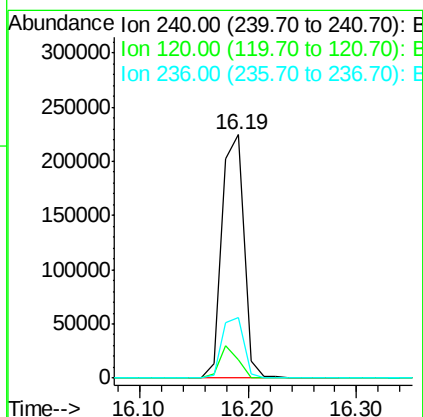
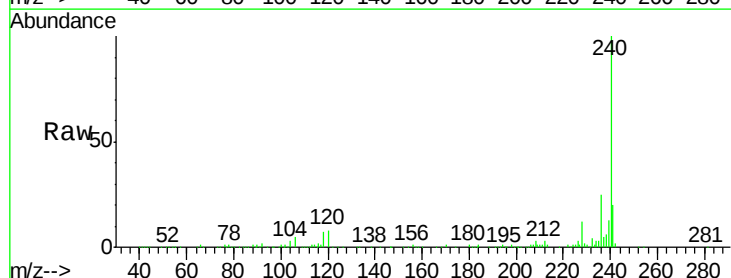
Instrument :
 BNA_F
 ClientSampleId :
 PB81861BSD

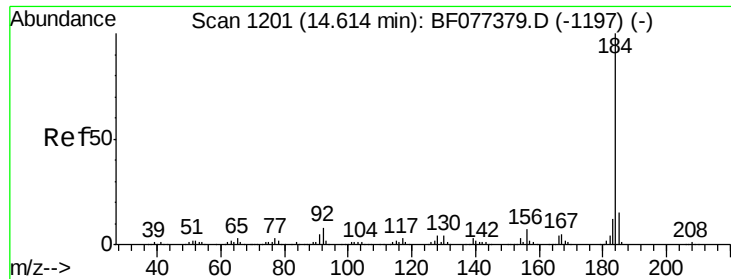
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	30.8
203	17.1	0.0	37.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 1339
 Delta R.T. -0.03 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.5	8.8	13.2#
236	25.1	20.7	31.1

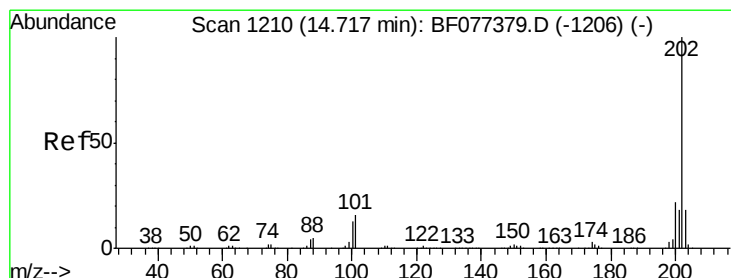
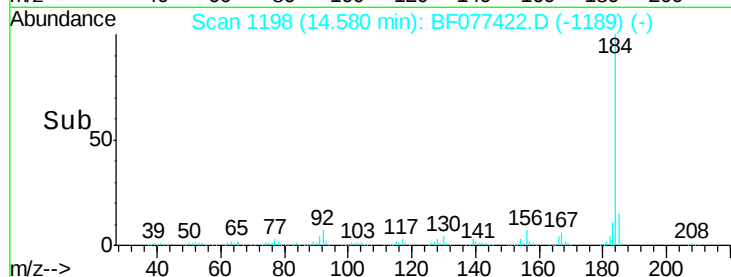
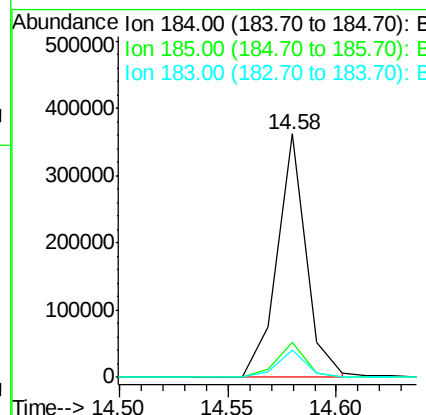
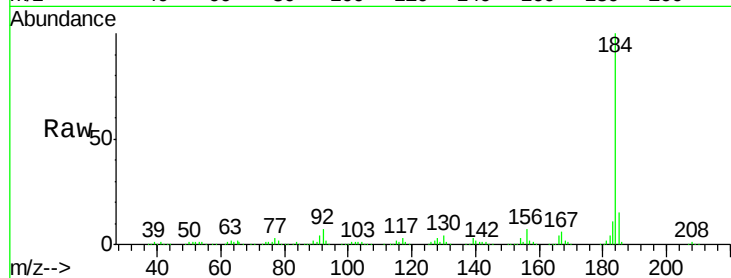




#76
Benzidine
Concen: 31.85 ng
RT: 14.58 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

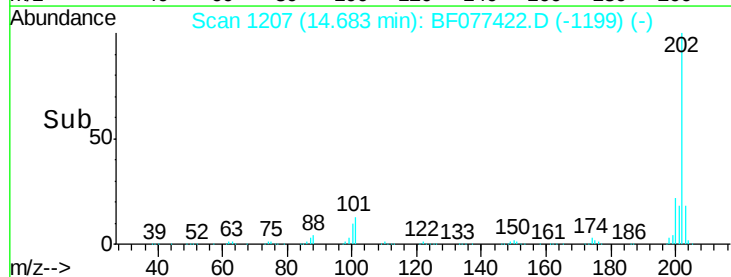
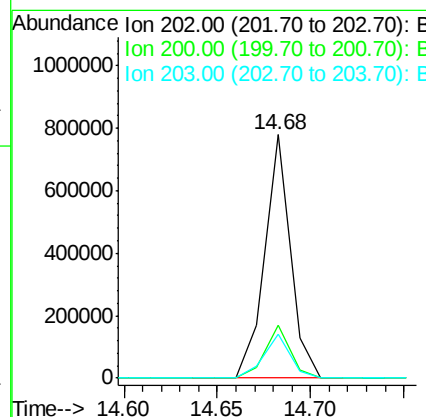
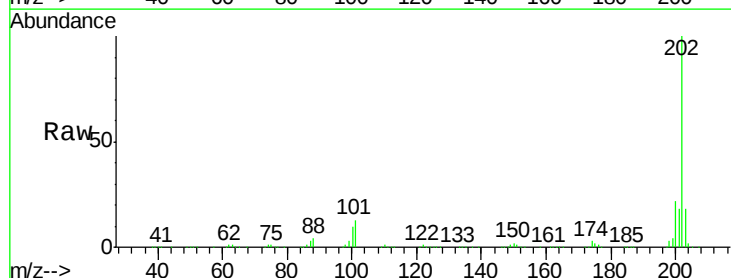
Instrument :
BNA_F
ClientSampleId :
PB81861BSD

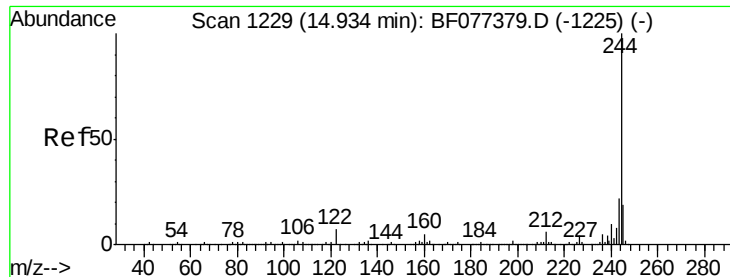
Tgt Ion:184 Resp: 340102
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 11.5 9.3 13.9



#77
Pyrene
Concen: 38.40 ng
RT: 14.68 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Tgt Ion:202 Resp: 742566
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 18.1 14.2 21.2





#78

Terphenyl-d14

Concen: 65.56 ng

RT: 14.89 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB81861BSD

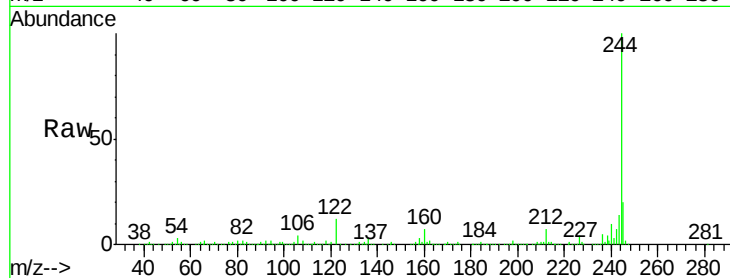
Tgt Ion:244 Resp: 886450

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

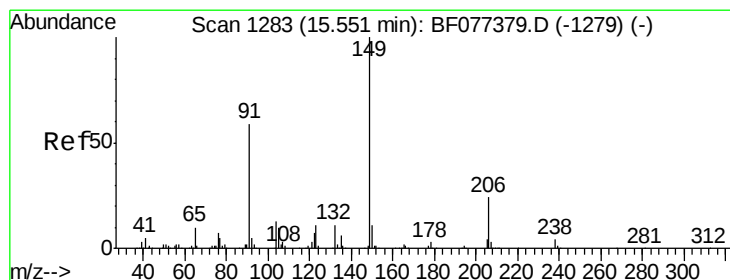
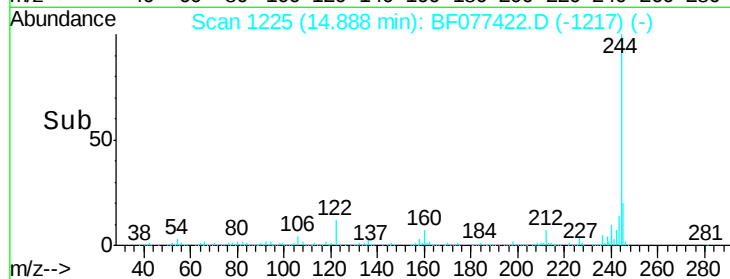
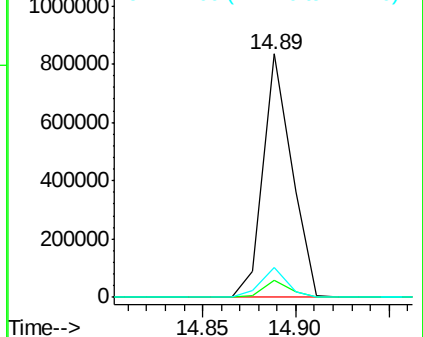
122 12.4 7.8 11.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 36.80 ng

RT: 15.51 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

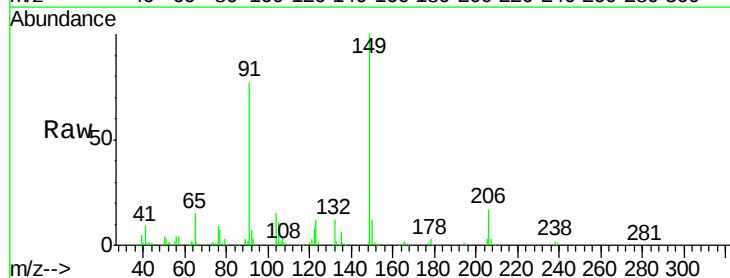
Tgt Ion:149 Resp: 292716

Ion Ratio Lower Upper

149 100

91 77.1 51.2 76.8#

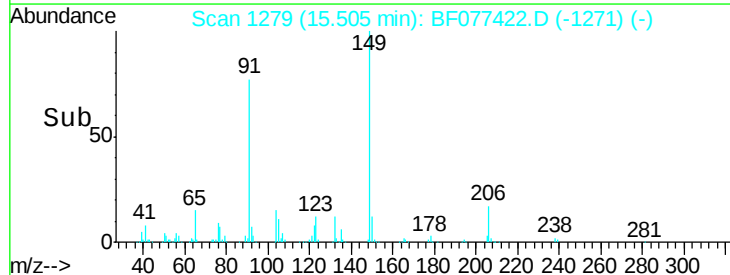
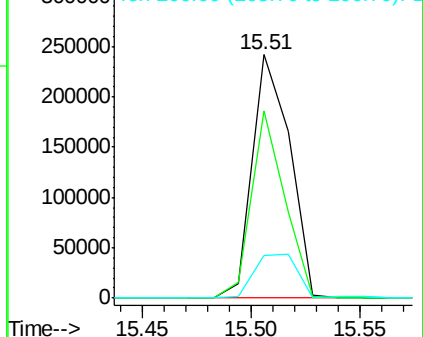
206 17.3 17.8 26.8#

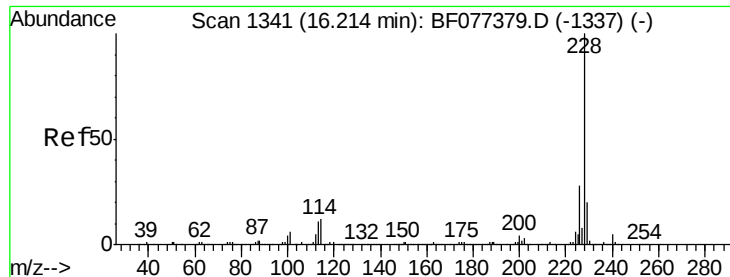


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 38.33 ng

RT: 16.17 min Scan# 1337

Delta R.T. -0.03 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB81861BSD

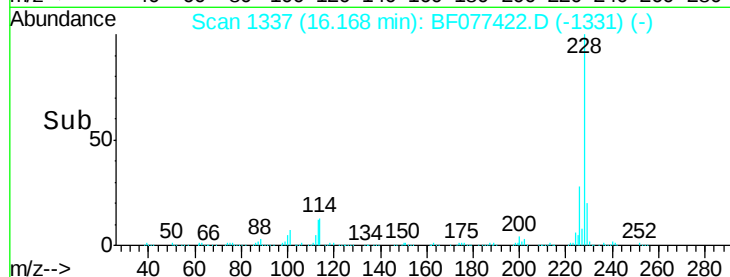
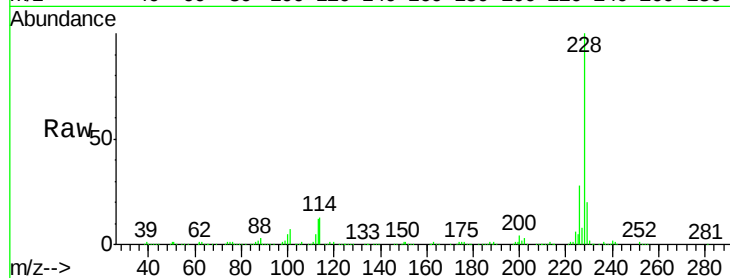
Tgt Ion:228 Resp: 710177

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

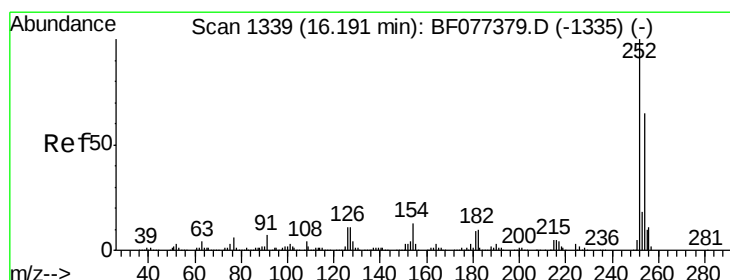
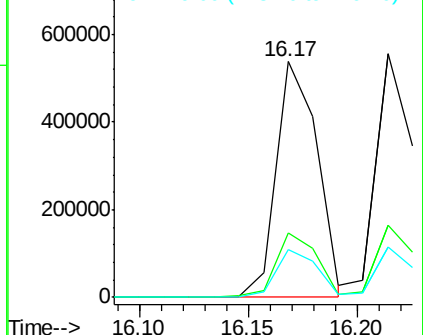
229 20.0 15.8 23.8



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: 23.14 ng

RT: 16.15 min Scan# 1335

Delta R.T. -0.03 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

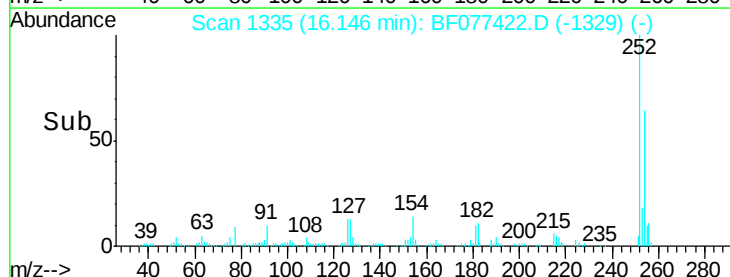
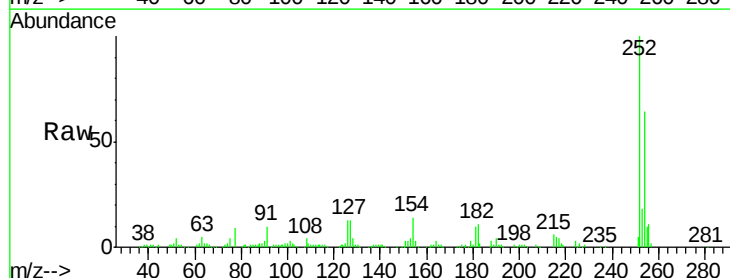
Tgt Ion:252 Resp: 157111

Ion Ratio Lower Upper

252 100

254 63.7 52.9 79.3

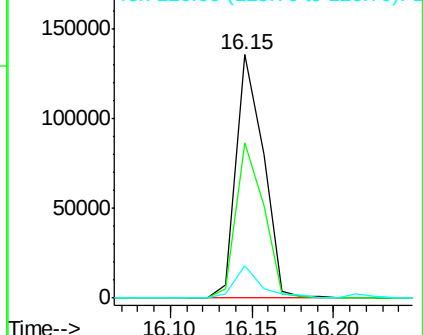
126 13.5 7.3 10.9#

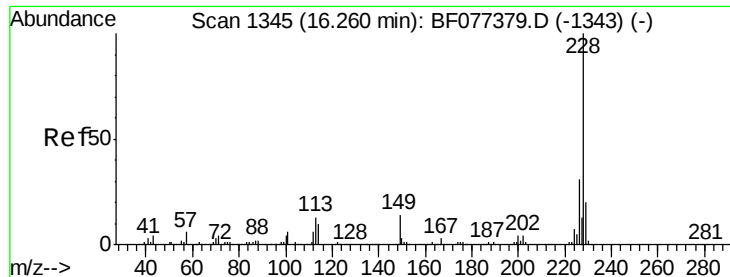


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

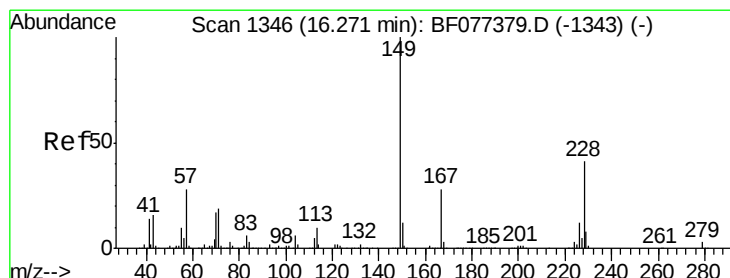
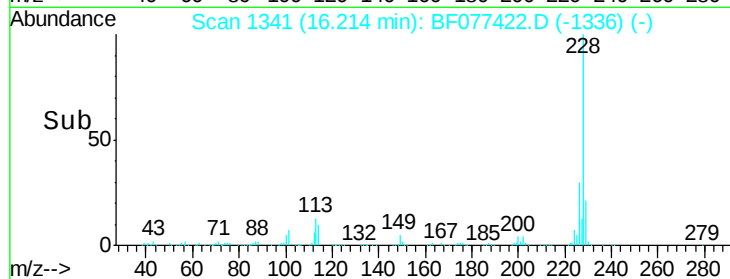
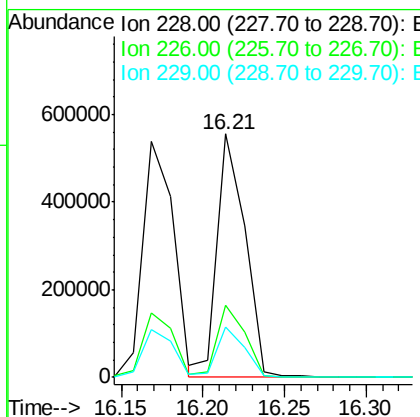
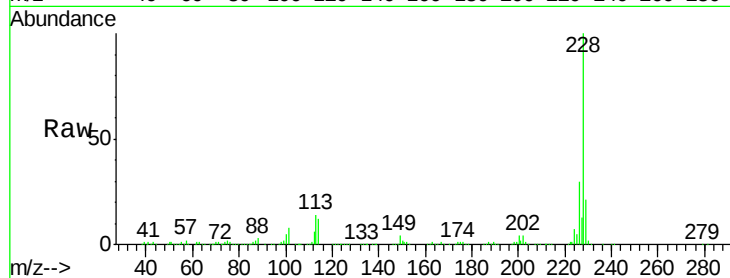




#82
 Chrysene
 Concen: 37.81 ng
 RT: 16.21 min Scan# 1341
 Delta R.T. -0.05 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

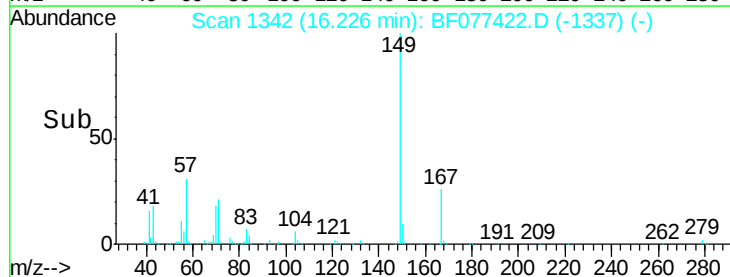
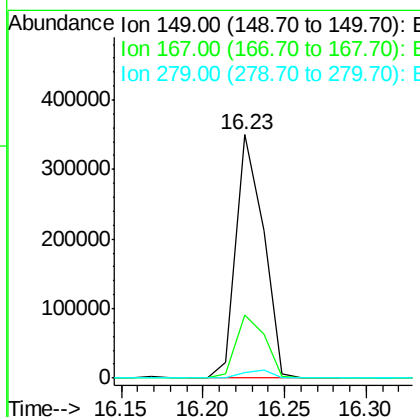
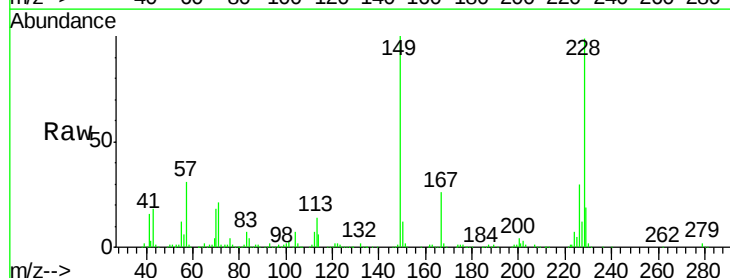
Instrument :
 BNA_F
 ClientSampleId :
 PB81861BSD

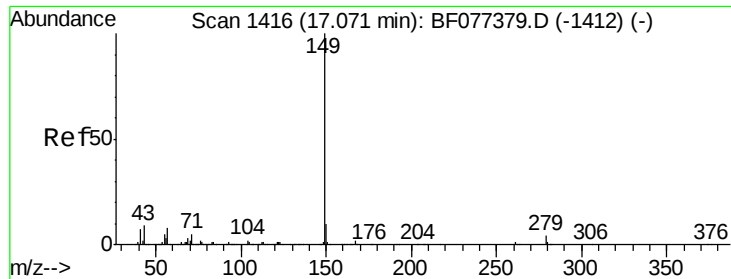
Tgt Ion: 228 Resp: 657719
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.9 37.3
 229 20.6 16.4 24.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.91 ng
 RT: 16.23 min Scan# 1342
 Delta R.T. -0.05 min
 Lab File: BF077422.D
 Acq: 24 Feb 2015 18:21

Tgt Ion: 149 Resp: 407046
 Ion Ratio Lower Upper
 149 100
 167 25.8 22.8 34.2
 279 2.4 3.8 5.6#





#84

Di-n-octyl phthalate

Concen: 33.23 ng

RT: 17.03 min Scan# 1412

Delta R.T. -0.08 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

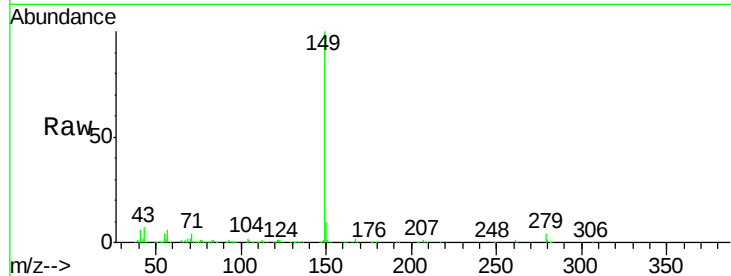
Instrument :

BNA_F

ClientSampleId :

PB81861BSD

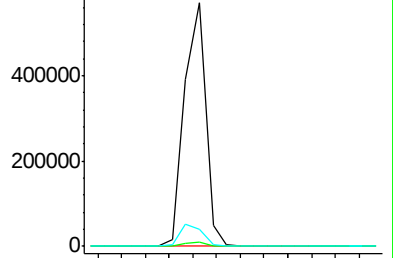
Tgt Ion:	149	Resp:	707751
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	8.1	12.1



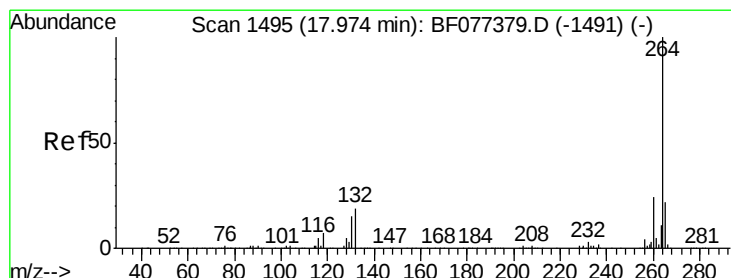
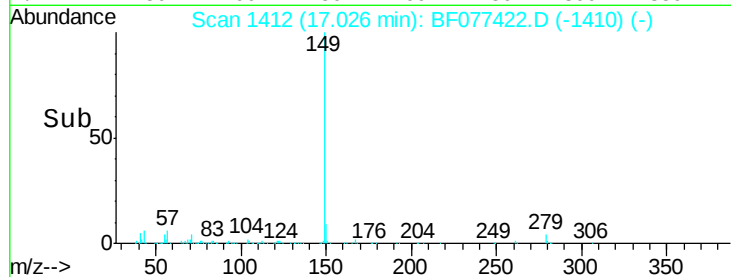
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



Time-->



#86

Perylene-d12

Concen: 20.00 ng

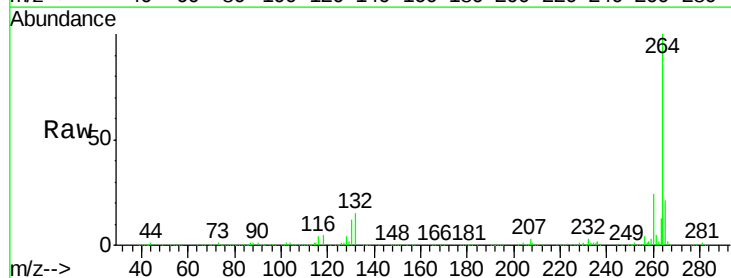
RT: 17.92 min Scan# 1490

Delta R.T. -0.14 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

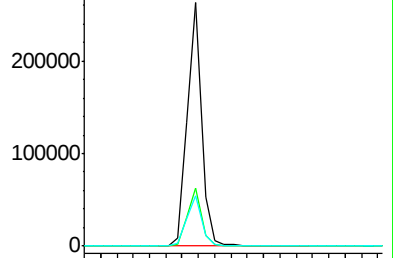
Tgt Ion:	264	Resp:	322703
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	20.9	16.8	25.2



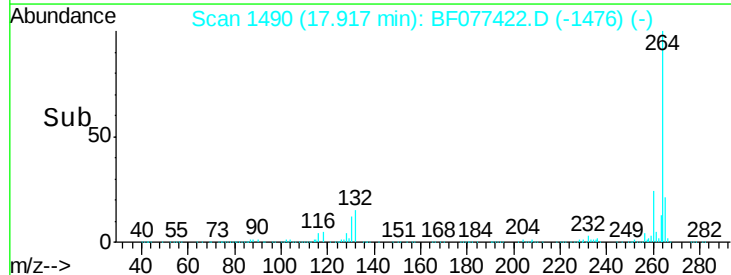
Abundance Ion 264.00 (263.70 to 264.70): E

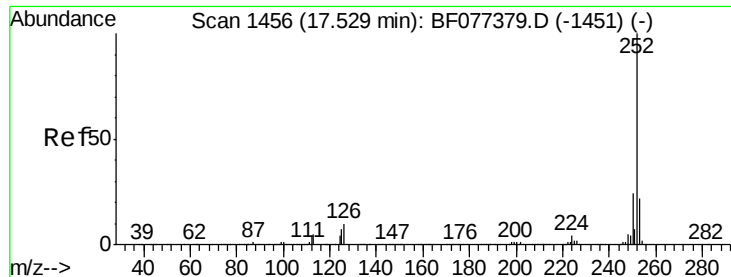
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->

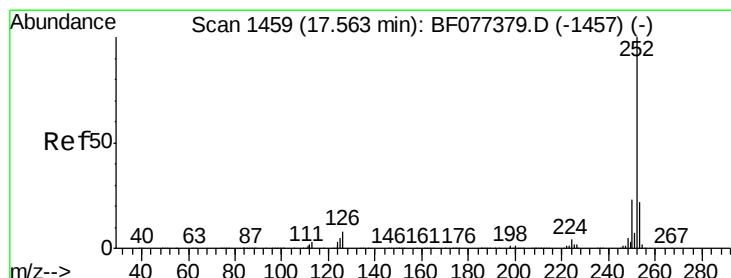
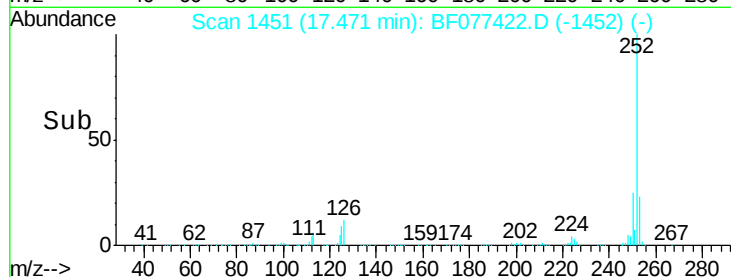
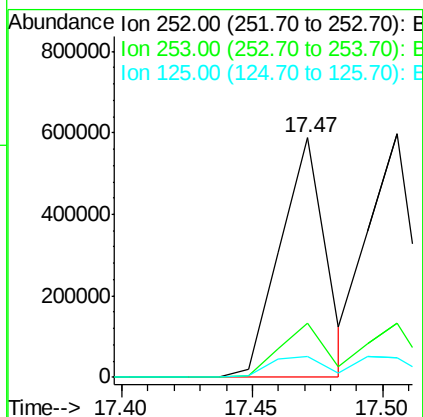
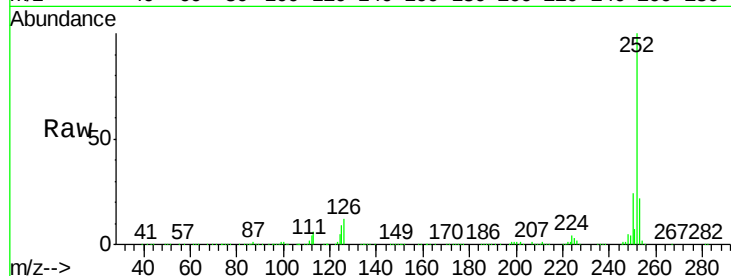




#87
Benzo(b)fluoranthene
Concen: 37.92 ng
RT: 17.47 min Scan# 1451
Delta R.T. -0.11 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

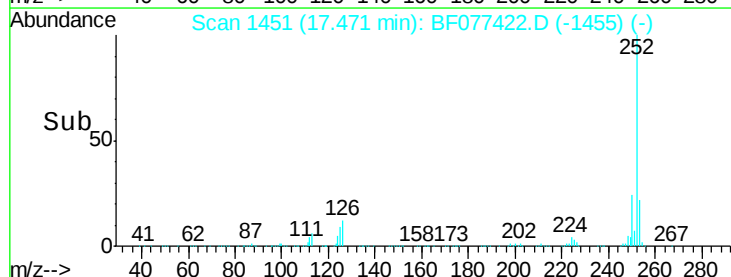
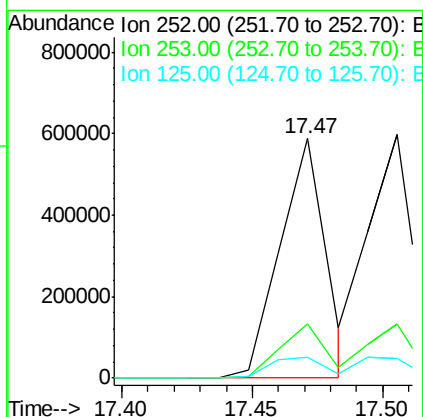
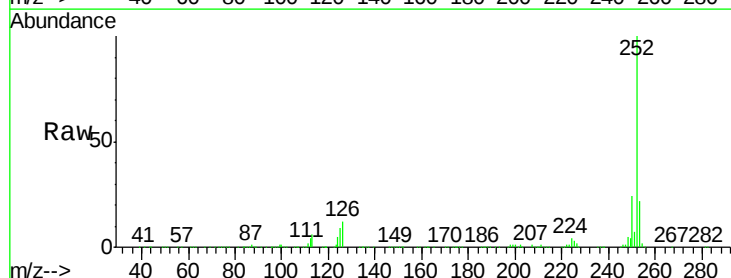
Instrument :
BNA_F
ClientSampleId :
PB81861BSD

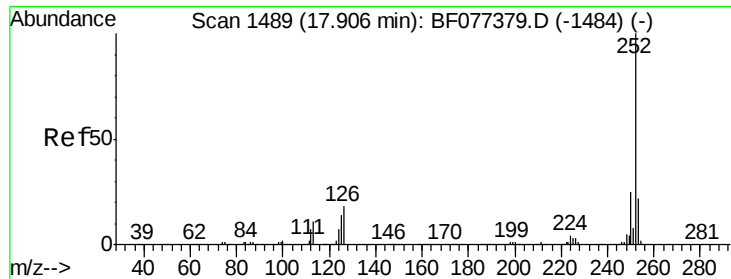
Tgt Ion: 252 Resp: 711542
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 8.9 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 38.69 ng
RT: 17.47 min Scan# 1451
Delta R.T. -0.15 min
Lab File: BF077422.D
Acq: 24 Feb 2015 18:21

Tgt Ion: 252 Resp: 711542
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 8.9 10.1 15.1#





#89

Benzo(a)pyrene

Concen: 38.39 ng

RT: 17.85 min Scan# 1484

Delta R.T. -0.14 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

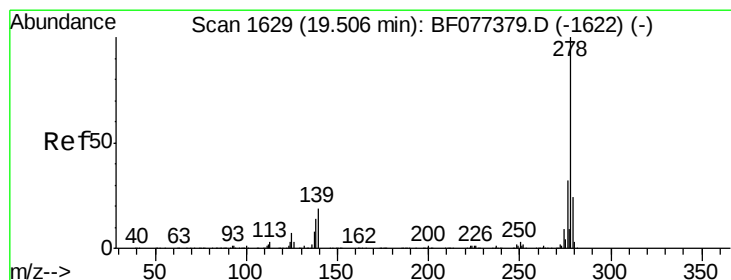
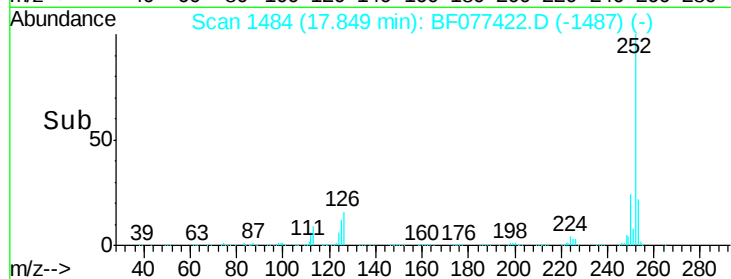
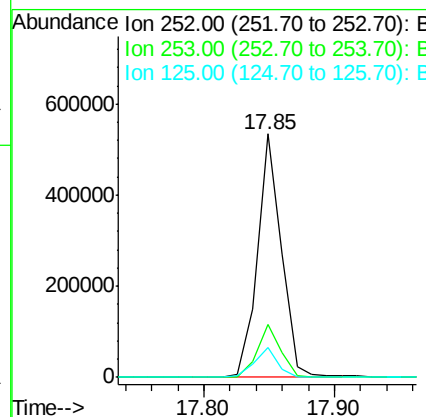
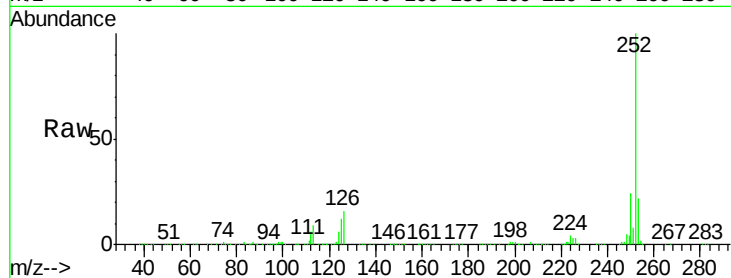
Instrument :

BNA_F

ClientSampleId :

PB81861BSD

Tgt Ion:	252	Resp:	686077
Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	12.2	8.3	12.5



#90

Dibenzo(a,h)anthracene

Concen: 38.69 ng

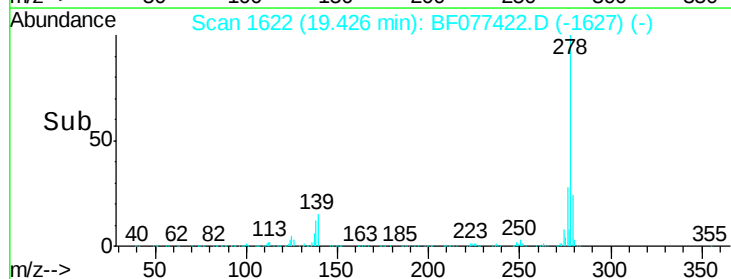
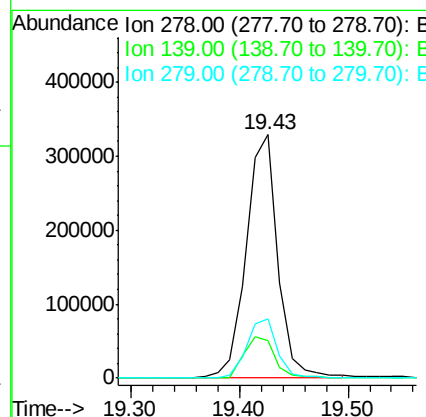
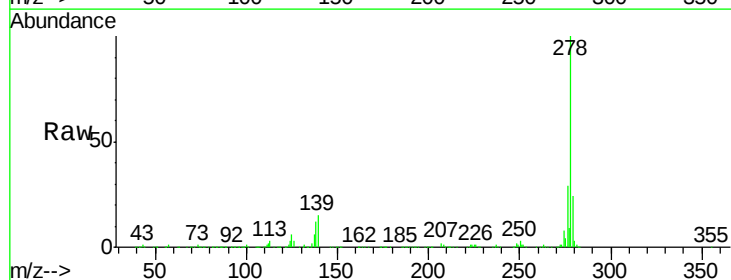
RT: 19.43 min Scan# 1622

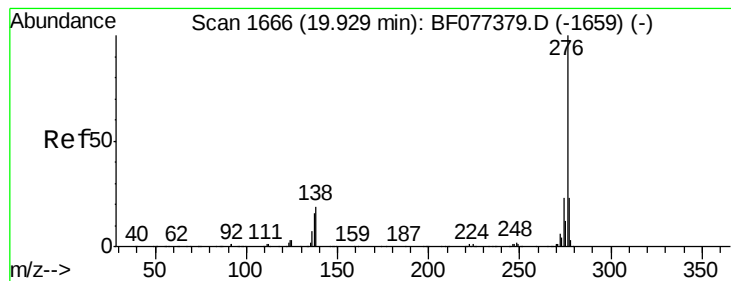
Delta R.T. -0.16 min

Lab File: BF077422.D

Acq: 24 Feb 2015 18:21

Tgt Ion:	278	Resp:	659473
Ion	Ratio	Lower	Upper
278	100		
139	15.3	14.3	21.5
279	24.5	19.0	28.6





#91

Benzo(g,h,i)perylene

Concen: 39.92 ng

RT: 19.83 min Scan# 1657

Delta R.T. -0.17 min

Lab File: BF077422.D

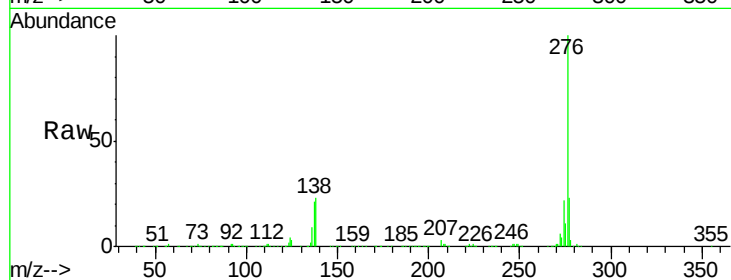
Acq: 24 Feb 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB81861BSD



Tgt Ion: 276 Resp: 686846

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 23.3 20.5 30.7

