

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
 Data File : BF077390.D
 Acq On : 20 Feb 2015 19:11
 Operator : TP/IZ
 Sample : PB81819BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81819BS

Quant Time: Feb 21 01:30:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 20 23:55:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	87396	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	353229	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	187214	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	374246	20.00	ng	0.00
75) Chrysene-d12	16.25	240	356941	20.00	ng	0.02
86) Perylene-d12	18.07	264	336582	20.00	ng	0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	539403	103.04	ng	0.00
7) Phenol-d6	6.88	99	686757	102.03	ng	0.00
23) Nitrobenzene-d5	8.02	82	388798	68.45	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	201085	111.55	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	961392	80.07	ng	0.00
78) Terphenyl-d14	14.93	244	1146337	75.08	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	58510	26.34	ng	98
3) Pyridine	3.06	79	165815	26.09	ng	95
4) n-Nitrosodimethylamine	2.98	42	88241	31.94	ng	95
6) Aniline	6.91	93	166992	17.95	ng	92
8) 2-Chlorophenol	7.06	128	209361	33.90	ng	95
10) Phenol	6.90	94	249062	31.19	ng	98
11) bis(2-Chloroethyl)ether	7.01	93	180832	31.51	ng	87
12) 1,3-Dichlorobenzene	7.25	146	214047	31.83	ng	95
13) 1,4-Dichlorobenzene	7.36	146	219267	32.05	ng	97
14) 1,2-Dichlorobenzene	7.54	146	208538	32.04	ng	97
15) Benzyl Alcohol	7.50	79	168684	32.97	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.69	45	273550	33.34	ng	97
17) 2-Methylphenol	7.65	107	165881	34.36	ng	97
18) Hexachloroethane	7.95	117	71771	31.41	ng	# 77
19) n-Nitroso-di-n-propylamine	7.85	70	145717	34.09	ng	92
20) 3+4-Methylphenols	7.84	107	215388	33.88	ng	# 66
22) Acetophenone	7.84	105	287139	34.56	ng	# 94
24) Nitrobenzene	8.04	77	204233	34.17	ng	# 85
25) Isophorone	8.34	82	385428	34.20	ng	94
26) 2-Nitrophenol	8.44	139	81873	33.43	ng	# 87
27) 2,4-Dimethylphenol	8.50	122	191134	34.88	ng	95
28) bis(2-Chloroethoxy)methane	8.62	93	243757	34.24	ng	98
29) 2,4-Dichlorophenol	8.73	162	180183	35.03	ng	90
30) 1,2,4-Trichlorobenzene	8.84	180	193154	34.15	ng	98
31) Naphthalene	8.93	128	607195	34.37	ng	100
32) Benzoic acid	8.59	122	95060	35.70	ng	99
33) 4-Chloroaniline	9.00	127	125309	15.95	ng	# 91
34) Hexachlorobutadiene	9.09	225	113075	35.02	ng	100
35) Caprolactam	9.42	113	55527	35.36	ng	91
36) 4-Chloro-3-methylphenol	9.61	107	193008	37.32	ng	97
37) 2-Methylnaphthalene	9.79	142	426300	33.98	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.00	216	192263	35.79	ng	99
40) Hexachlorocyclopentadiene	9.98	237	201970	70.12	ng	96
42) 2,4,6-Trichlorophenol	10.14	196	139511	39.22	ng	98

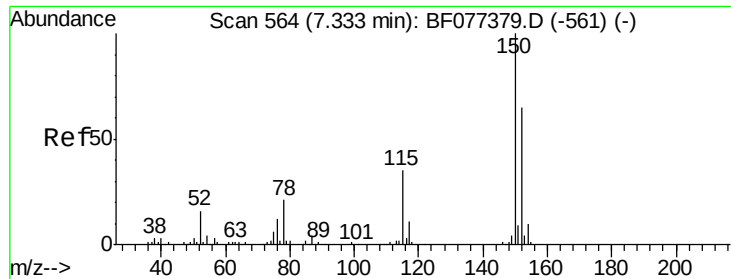
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
 Data File : BF077390.D
 Acq On : 20 Feb 2015 19:11
 Operator : TP/IZ
 Sample : PB81819BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 20 23:55:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.19	196	143751	37.79	ng	98
45) 1,1'-Biphenyl	10.37	154	519530	36.63	ng	97
46) 2-Chloronaphthalene	10.40	162	413322	37.16	ng	99
47) 2-Nitroaniline	10.52	65	104737	38.25	ng	92
48) Acenaphthylene	10.91	152	660414	37.50	ng	100
49) Dimethylphthalate	10.76	163	508306	38.63	ng	99
50) 2,6-Dinitrotoluene	10.83	165	102403	38.80	ng	# 56
51) Acenaphthene	11.13	154	394509	37.54	ng	99
52) 3-Nitroaniline	11.04	138	78760	25.89	ng	83
53) 2,4-Dinitrophenol	11.16	184	47780	59.50	ng	# 62
54) Dibenzofuran	11.34	168	618455	38.12	ng	97
55) 4-Nitrophenol	11.24	139	188653	77.08	ng	93
56) 2,4-Dinitrotoluene	11.33	165	141670	39.73	ng	95
57) Fluorene	11.77	166	491079	37.86	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.49	232	120668	39.46	ng	99
59) Diethylphthalate	11.64	149	503109	38.78	ng	98
60) 4-Chlorophenyl-phenylether	11.78	204	237204	37.95	ng	96
61) 4-Nitroaniline	11.79	138	106141	36.40	ng	93
62) Azobenzene	11.97	77	464932	37.77	ng	95
64) 4,6-Dinitro-2-methylphenol	11.82	198	36876	26.50	ng	# 49
65) n-Nitrosodiphenylamine	11.92	169	425869	34.30	ng	99
66) 4-Bromophenyl-phenylether	12.38	248	149866	34.20	ng	94
67) Hexachlorobenzene	12.44	284	154632	32.87	ng	92
68) Atrazine	12.59	200	136324	33.77	ng	97
69) Pentachlorophenol	12.69	266	167240	67.65	ng	100
70) Phenanthrene	12.96	178	722166	33.29	ng	99
71) Anthracene	13.03	178	738767	34.32	ng	99
72) Carbazole	13.23	167	700807	34.24	ng	99
73) Di-n-butylphthalate	13.68	149	846190	35.21	ng	99
74) Fluoranthene	14.44	202	786087	33.18	ng	98
76) Benzidine	14.61	184	355268	29.46	ng	98
77) Pyrene	14.72	202	789702	36.17	ng	99
79) Butylbenzylphthalate	15.55	149	352611	39.25	ng	95
80) Benzo(a)anthracene	16.24	228	730432	34.92	ng	99
81) 3,3'-Dichlorobenzidine	16.20	252	168826	22.02	ng	# 96
82) Chrysene	16.28	228	657039	33.45	ng	99
83) Bis(2-ethylhexyl)phthalate	16.29	149	528014	36.66	ng	98
84) Di-n-octyl phthalate	17.12	149	886594	36.87	ng	100
85) Indeno(1,2,3-cd)pyrene	19.57	276	767775m	34.28	ng	
87) Benzo(b)fluoranthene	17.59	252	693308m	35.42	ng	
88) Benzo(k)fluoranthene	17.62	252	646267	33.69	ng	99
89) Benzo(a)pyrene	18.00	252	645184	34.61	ng	98
90) Dibenzo(a,h)anthracene	19.61	278	626333	35.23	ng	97
91) Benzo(g,h,i)perylene	20.02	276	621414	34.63	ng	96

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

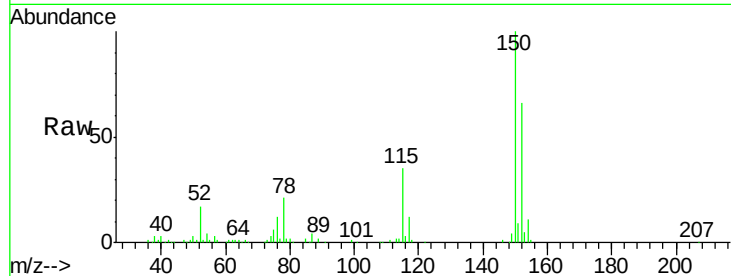


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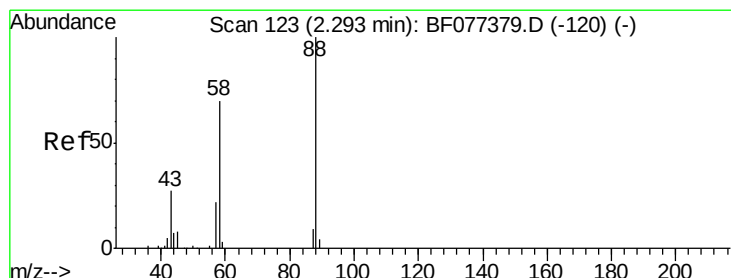
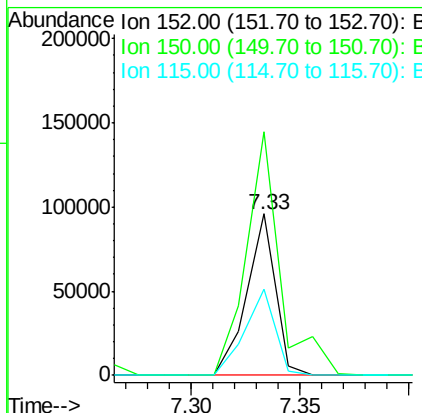
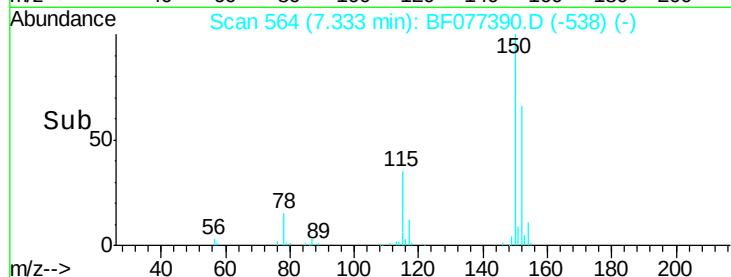
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

Instrument :
BNA_F
ClientSampleId :
PB81819BS

Tgt Ion:152 Resp: 87396
Ion Ratio Lower Upper
152 100
150 150.9 124.0 186.0
115 53.5 49.4 74.2



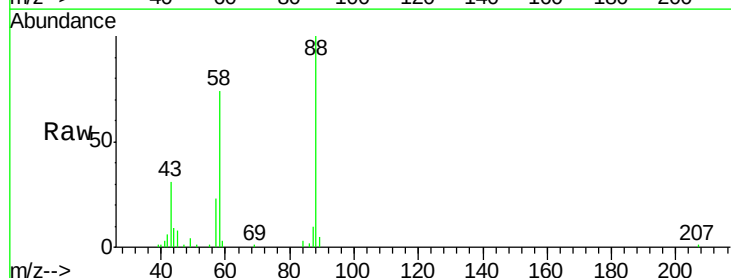
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



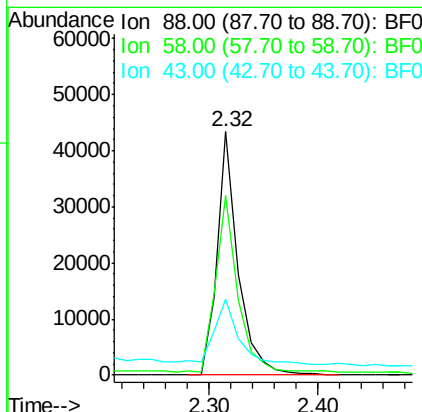
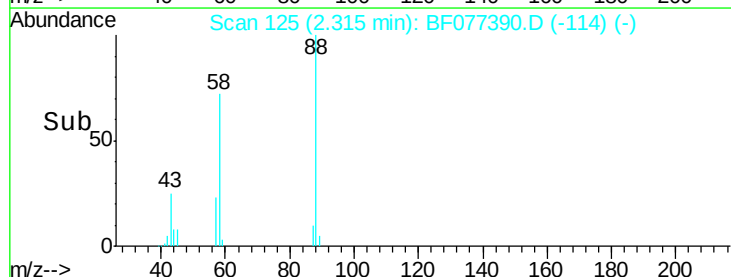
#2

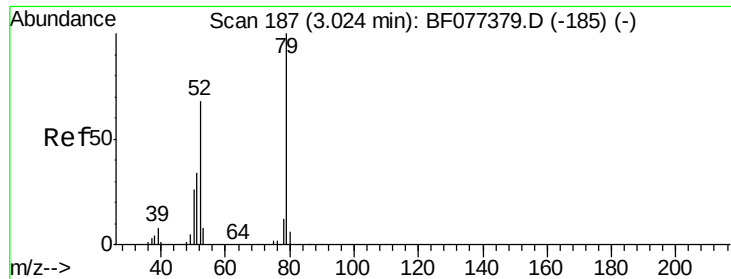
1,4-Dioxane
Concen: 26.34 ng
RT: 2.32 min Scan# 125
Delta R.T. 0.02 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

Tgt Ion: 88 Resp: 58510
Ion Ratio Lower Upper
88 100
58 76.7 62.1 93.1
43 32.6 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: 26.09 ng

RT: 3.06 min Scan# 190

Delta R.T. 0.03 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

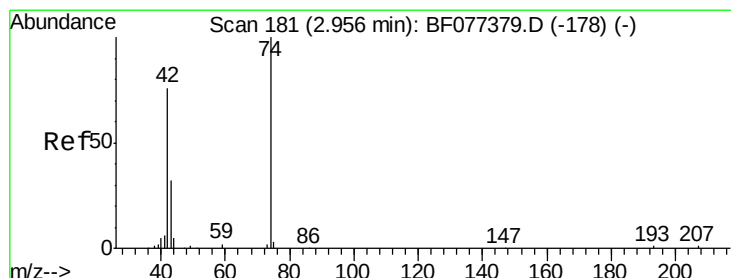
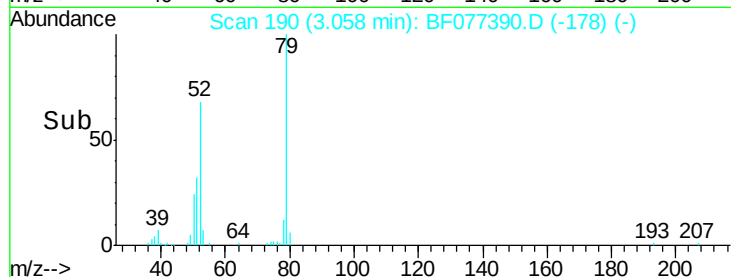
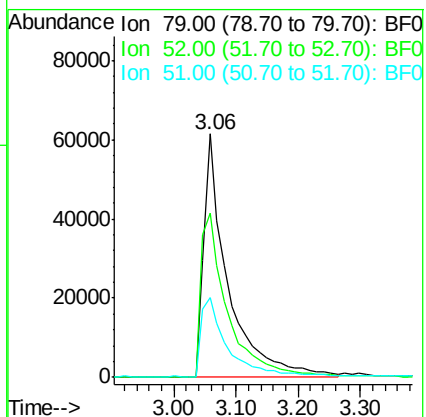
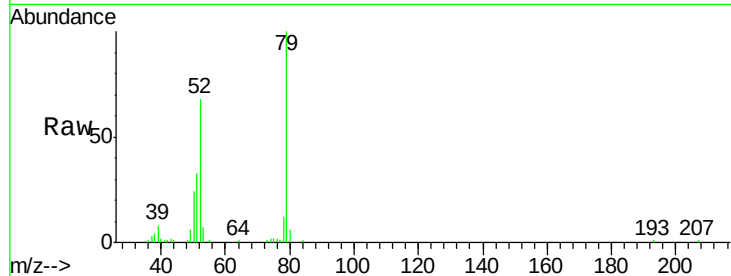
Tgt Ion: 79 Resp: 165815

Ion Ratio Lower Upper

79 100

52 67.7 57.7 86.5

51 32.6 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 31.94 ng

RT: 2.98 min Scan# 183

Delta R.T. 0.02 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

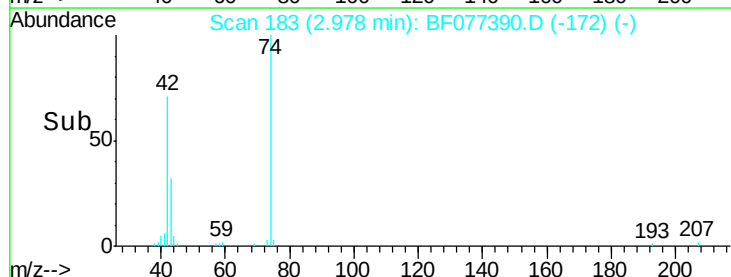
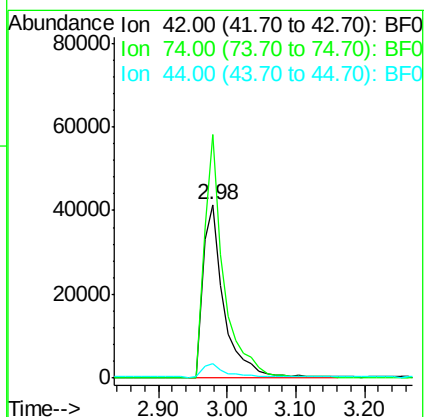
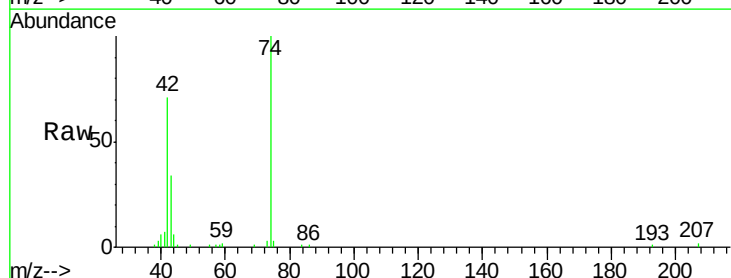
Tgt Ion: 42 Resp: 88241

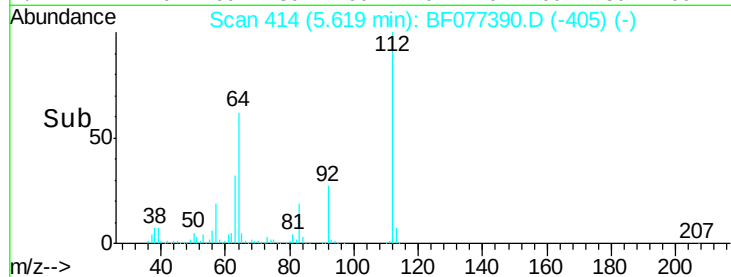
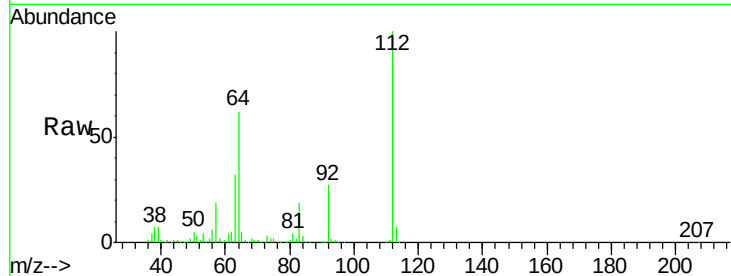
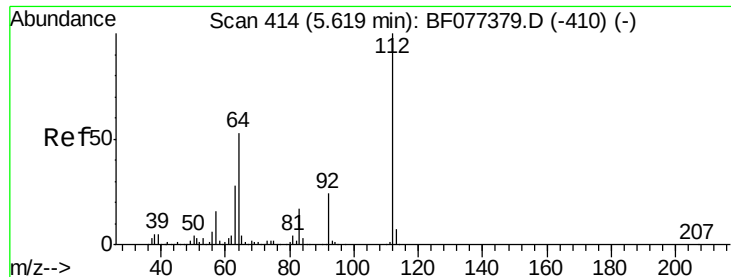
Ion Ratio Lower Upper

42 100

74 140.1 107.1 160.7

44 8.7 6.7 10.1





#5

2-Fluorophenol

Concen: 103.04 ng

RT: 5.62 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

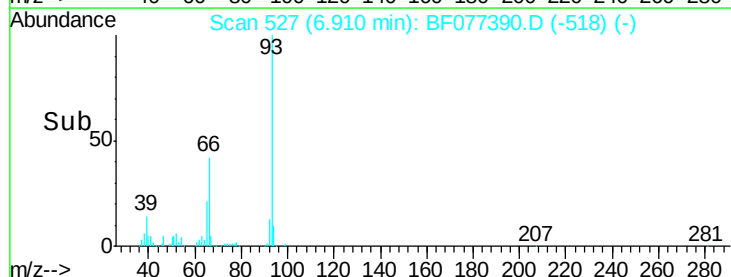
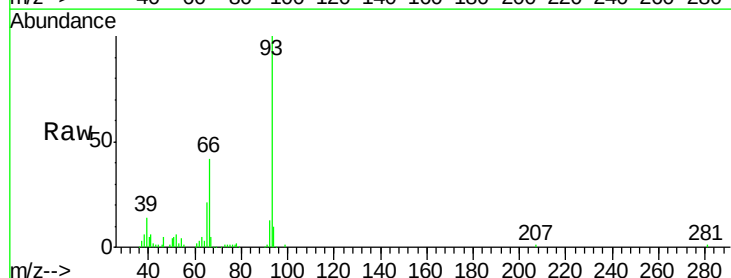
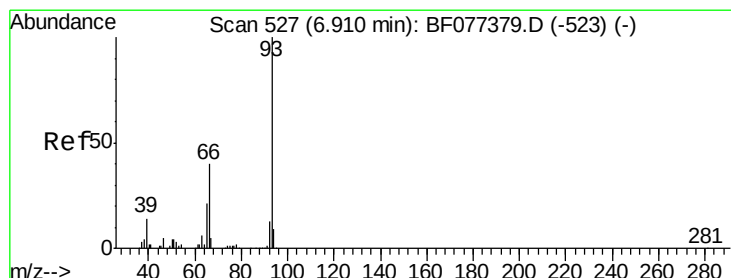
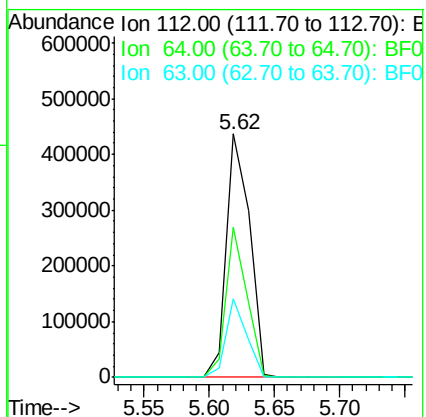
Tgt Ion: 112 Resp: 539403

Ion Ratio Lower Upper

112 100

64 61.7 48.5 72.7

63 32.4 25.0 37.4



#6

Aniline

Concen: 17.95 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

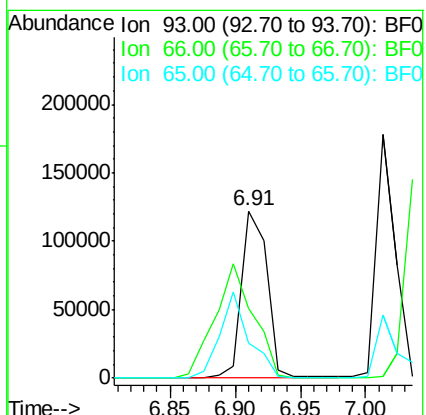
Tgt Ion: 93 Resp: 166992

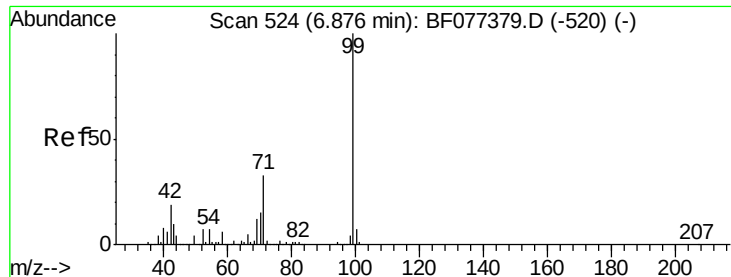
Ion Ratio Lower Upper

93 100

66 41.8 29.1 43.7

65 21.0 14.6 22.0





#7

Phenol-d6

Concen: 102.03 ng

RT: 6.88 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

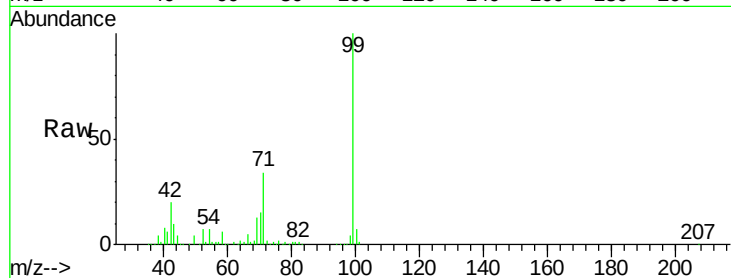
Tgt Ion: 99 Resp: 686757

Ion Ratio Lower Upper

99 100

42 19.6 16.2 24.4

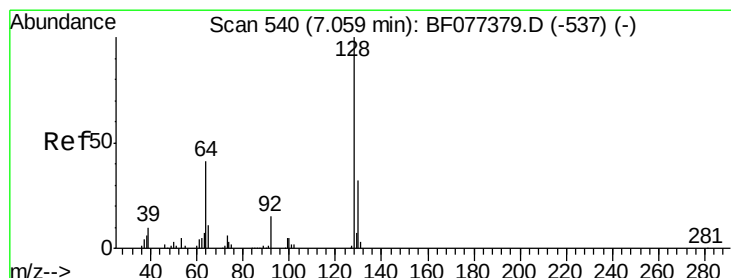
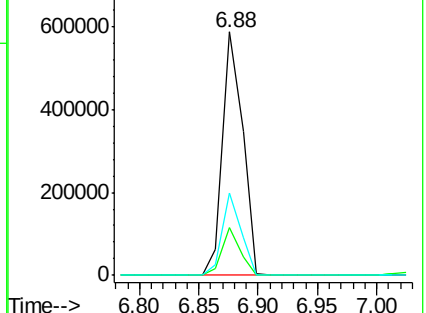
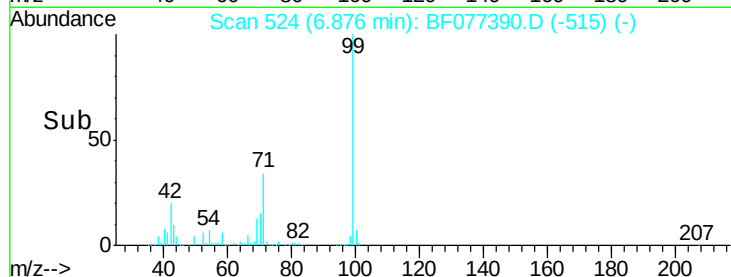
71 33.7 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF077379.D (-520) (-)

Ion 42.00 (41.70 to 42.70): BF077379.D (-520) (-)

Ion 71.00 (70.70 to 71.70): BF077379.D (-520) (-)



#8

2-Chlorophenol

Concen: 33.90 ng

RT: 7.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

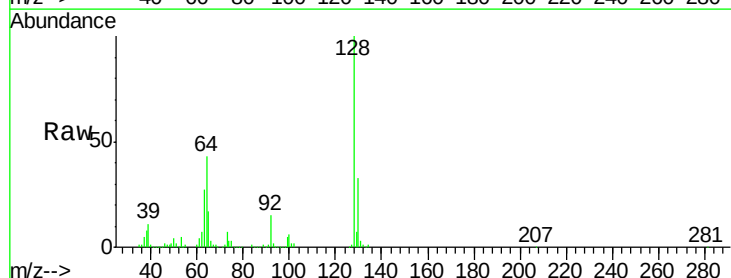
Tgt Ion: 128 Resp: 209361

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

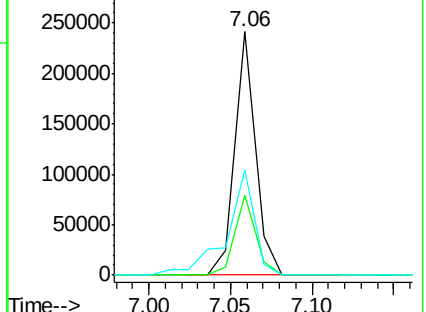
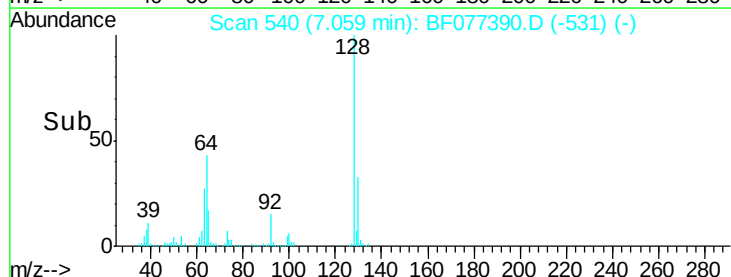
64 43.5 29.2 69.2

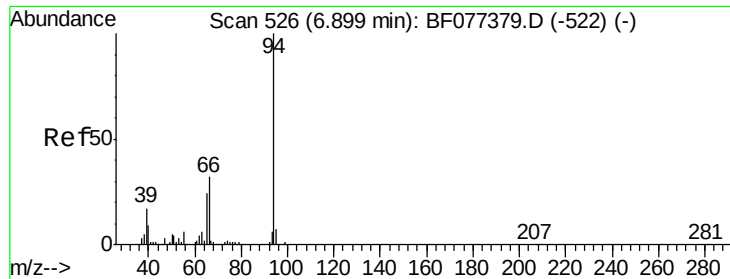


Abundance Ion 128.00 (127.70 to 128.70): BF077379.D (-537) (-)

Ion 130.00 (129.70 to 130.70): BF077379.D (-537) (-)

Ion 64.00 (63.70 to 64.70): BF077379.D (-537) (-)





#10

Phenol

Concen: 31.19 ng

RT: 6.90 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

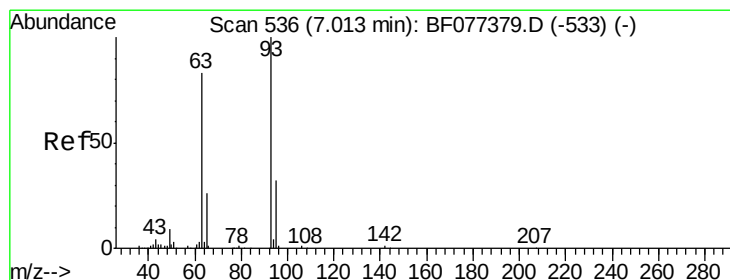
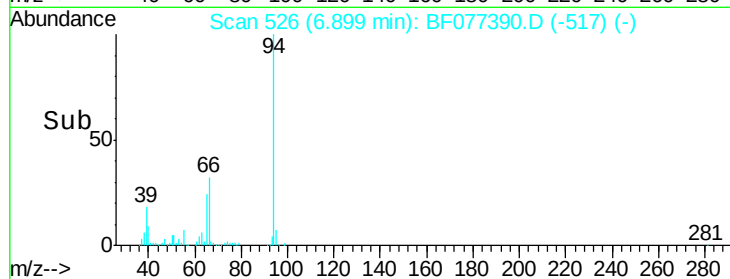
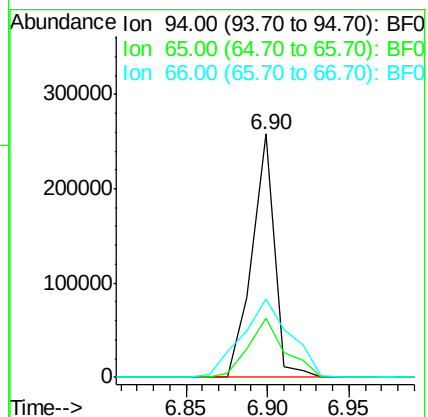
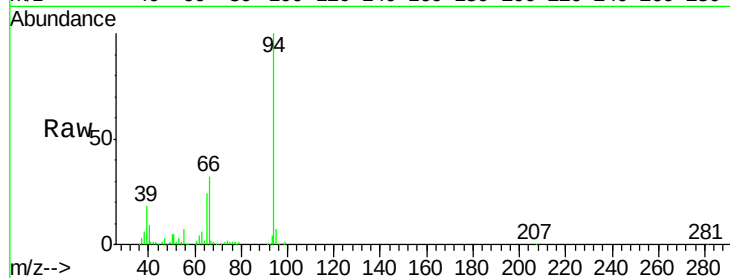
Tgt Ion: 94 Resp: 249062

Ion Ratio Lower Upper

94 100

65 24.4 5.7 45.7

66 32.4 13.6 53.6



#11

bis(2-Chloroethyl)ether

Concen: 31.51 ng

RT: 7.01 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

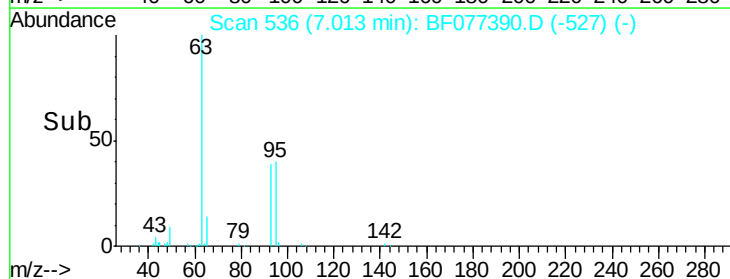
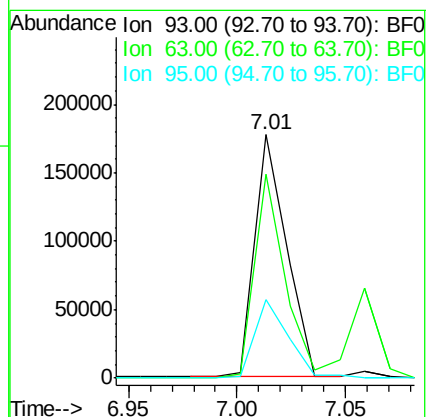
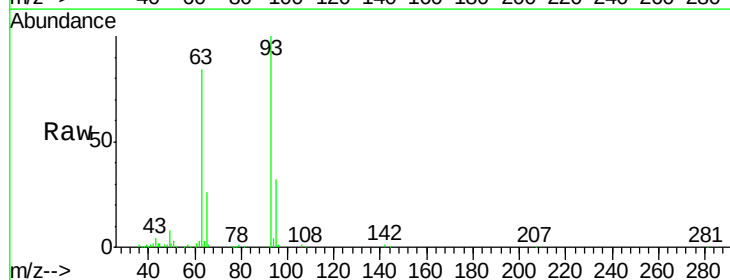
Tgt Ion: 93 Resp: 180832

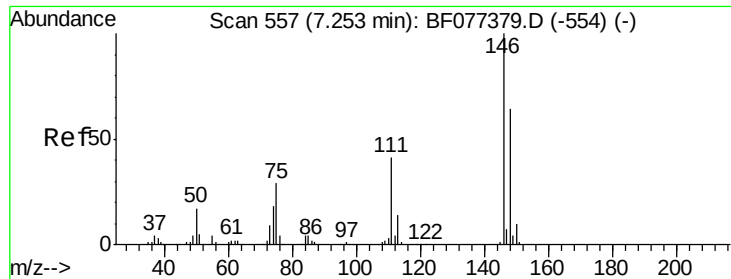
Ion Ratio Lower Upper

93 100

63 83.9 48.7 88.7

95 32.3 13.6 53.6

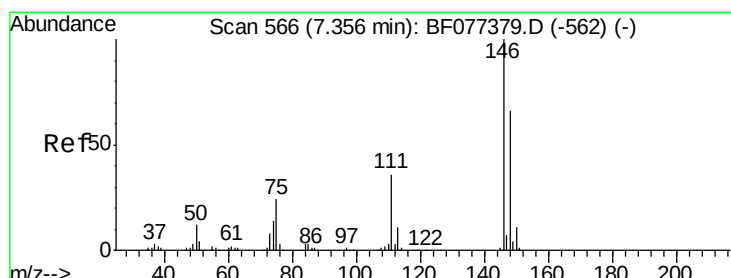
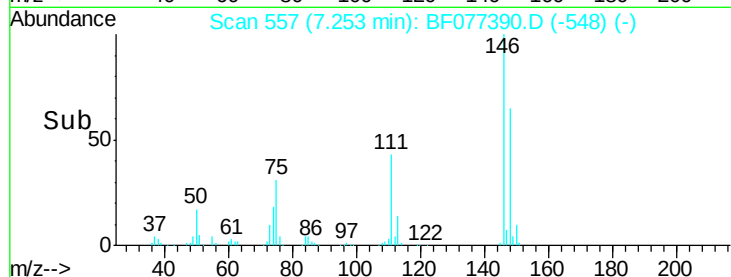
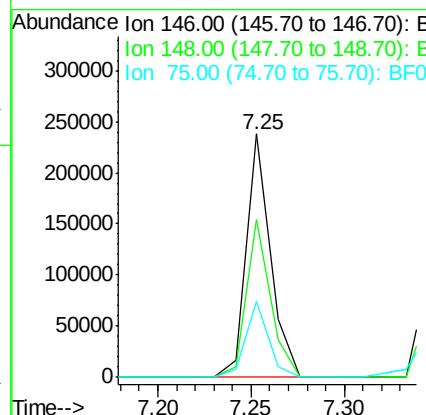
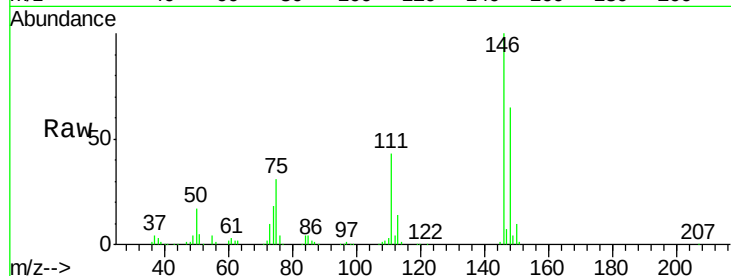




#12
 1,3-Dichlorobenzene
 Concen: 31.83 ng
 RT: 7.25 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

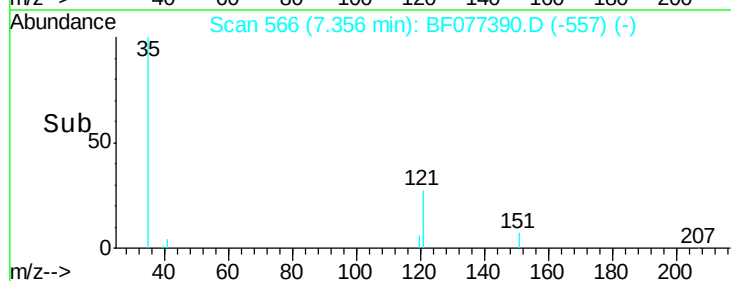
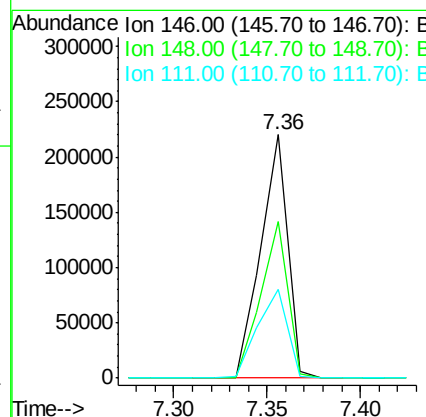
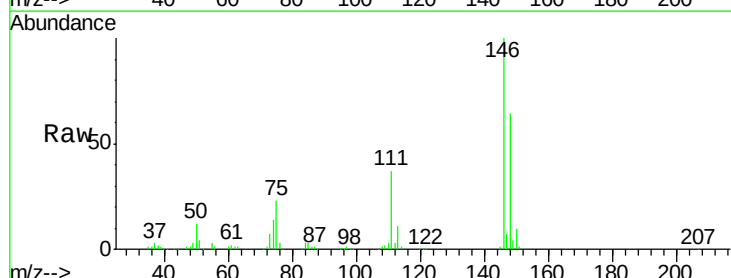
Instrument :
 BNA_F
 ClientSampleId :
 PB81819BS

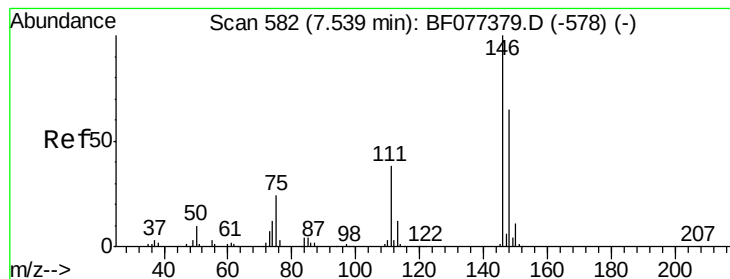
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.8	74.8
75	30.9	28.2	42.4



#13
 1,4-Dichlorobenzene
 Concen: 32.05 ng
 RT: 7.36 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.0	78.0
111	36.6	31.9	47.9





#14

1,2-Dichlorobenzene

Concen: 32.04 ng

RT: 7.54 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

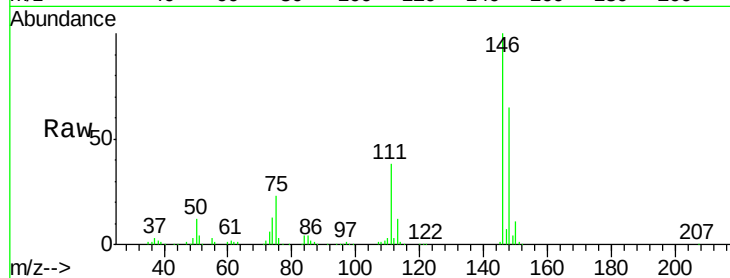
Tgt Ion: 146 Resp: 208538

Ion Ratio Lower Upper

146 100

148 65.1 51.6 77.4

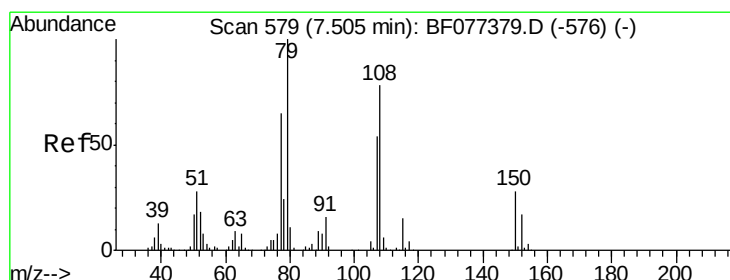
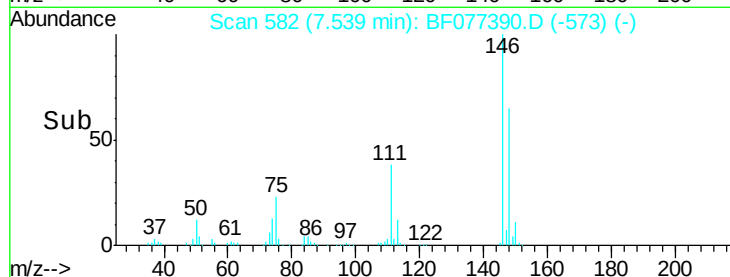
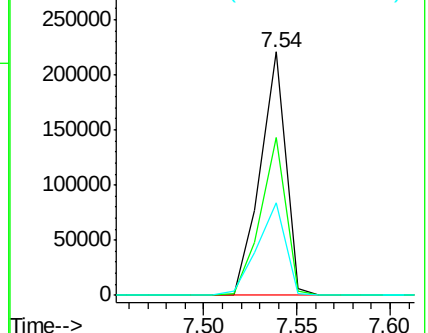
111 38.1 34.2 51.2



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: 32.97 ng

RT: 7.50 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

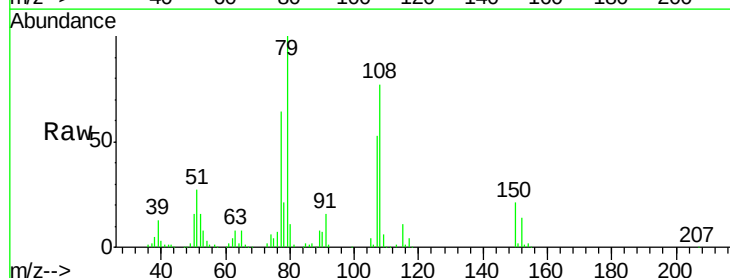
Tgt Ion: 79 Resp: 168684

Ion Ratio Lower Upper

79 100

108 76.6 58.3 87.5

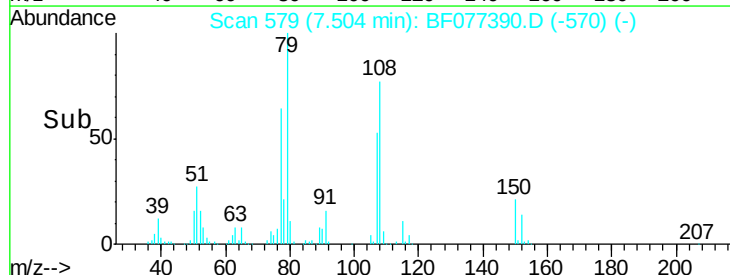
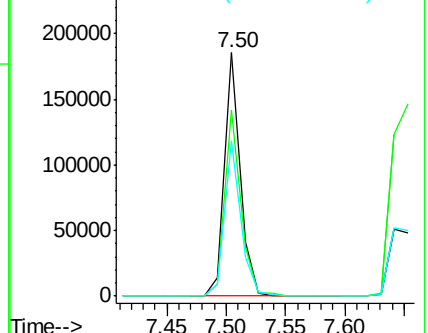
77 64.0 51.3 76.9

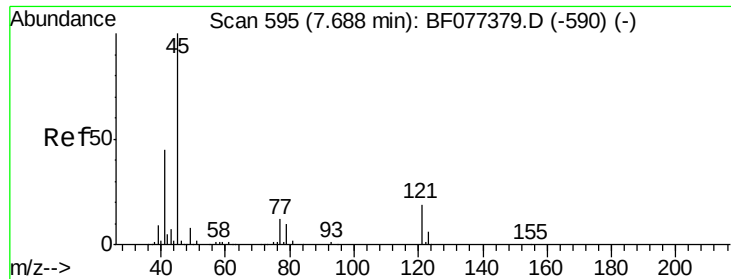


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

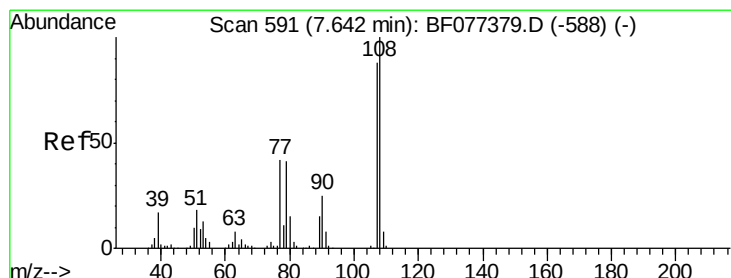
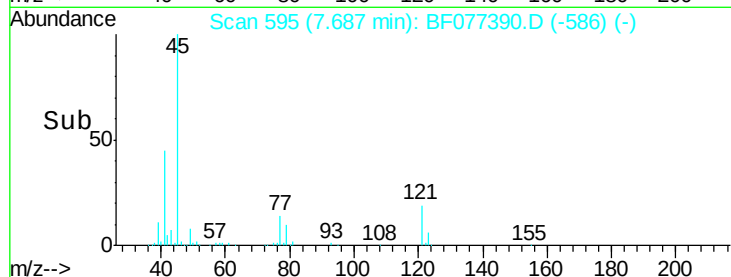
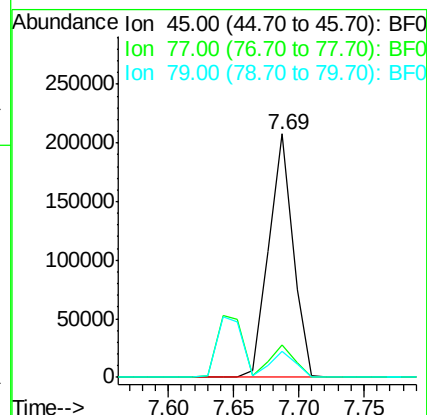
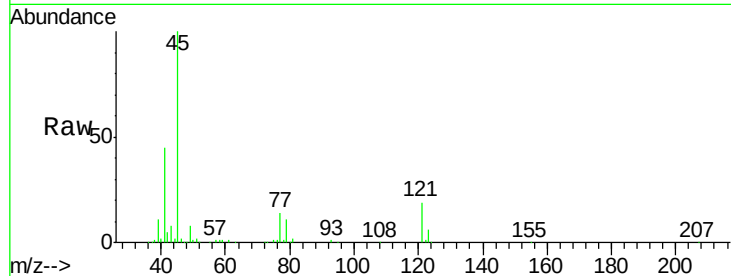




#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.34 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

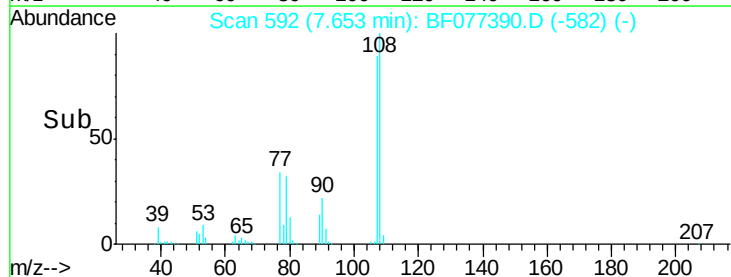
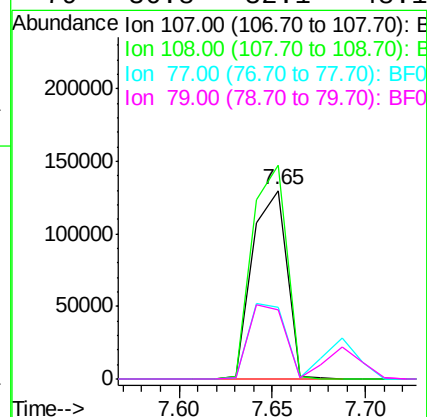
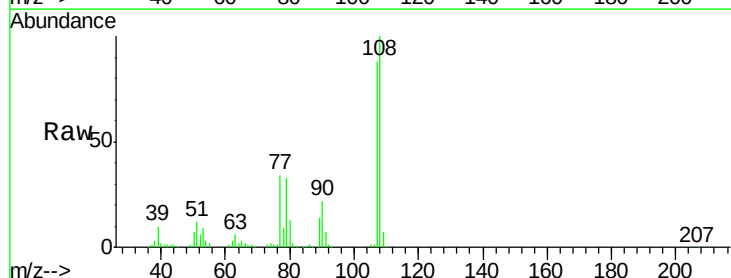
Instrument :
BNA_F
ClientSampleId :
PB81819BS

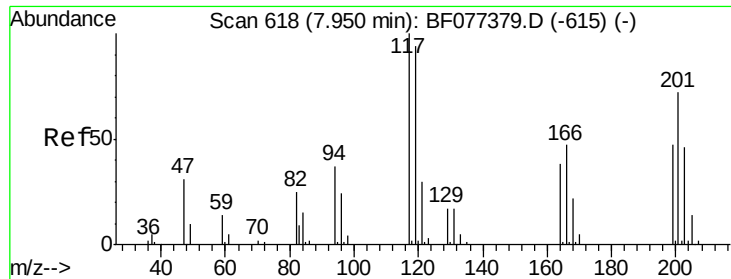
Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	34.6
79	10.5	0.0	31.5



#17
2-Methylphenol
Concen: 34.36 ng
RT: 7.65 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.2	136.8
77	38.2	33.6	50.4
79	36.8	32.1	48.1

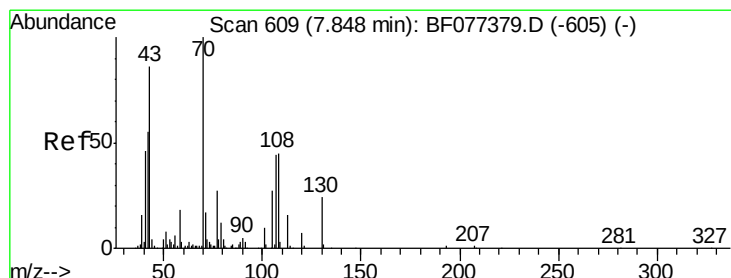
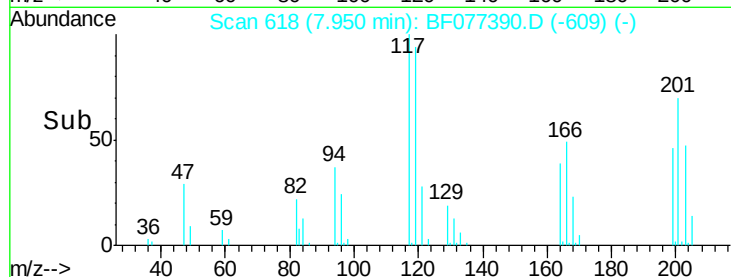
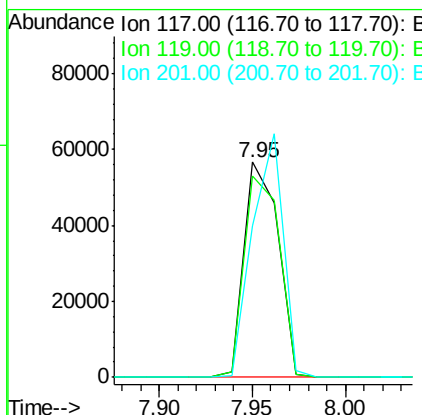
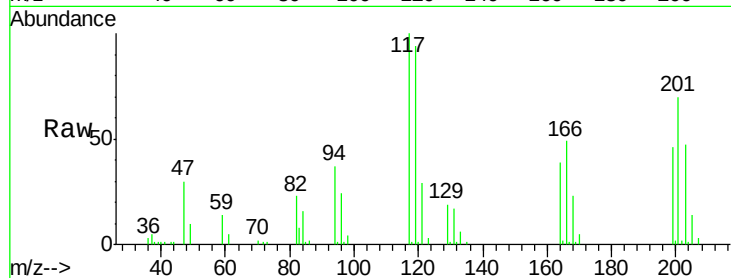




#18
Hexachloroethane
Concen: 31.41 ng
RT: 7.95 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

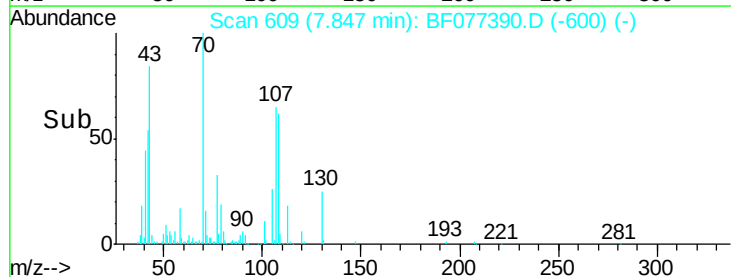
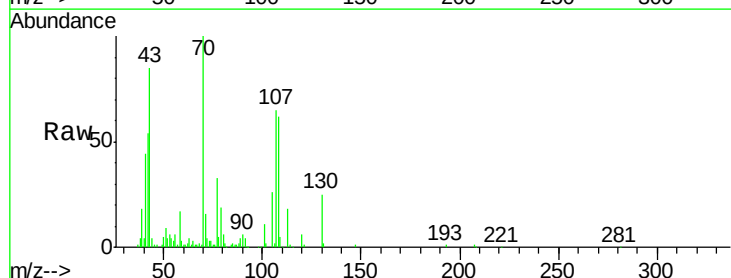
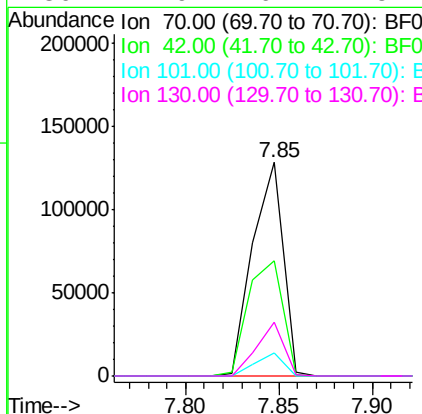
Instrument :
BNA_F
ClientSampled :
PB81819BS

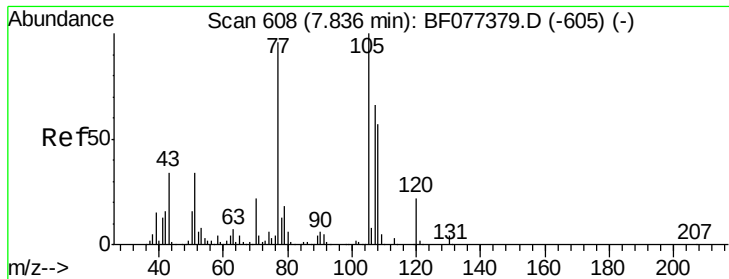
Tgt Ion: 117 Resp: 71771
Ion Ratio Lower Upper
117 100
119 94.0 77.8 116.8
201 70.5 90.6 136.0#



#19
n-Nitroso-di-n-propylamine
Concen: 34.09 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

Tgt Ion: 70 Resp: 145717
Ion Ratio Lower Upper
70 100
42 53.8 48.3 72.5
101 10.7 7.5 11.3
130 24.9 16.7 25.1





#20

3+4-Methylphenols

Concen: 33.88 ng

RT: 7.84 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

Tgt Ion:107 Resp: 215388

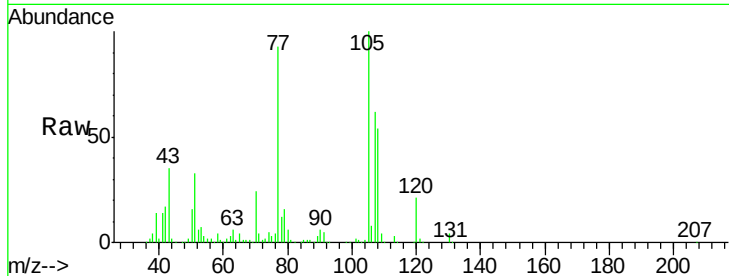
Ion Ratio Lower Upper

107 100

108 87.4 76.8 116.8

77 150.9 65.8 105.8#

79 26.7 9.6 49.6



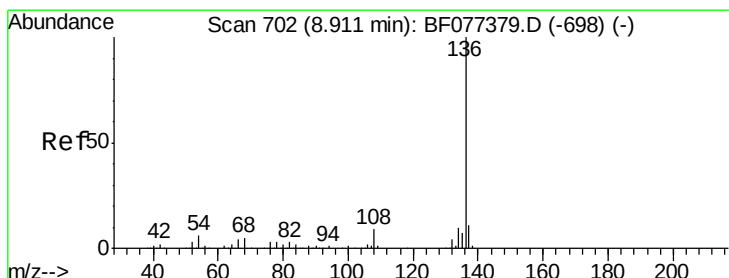
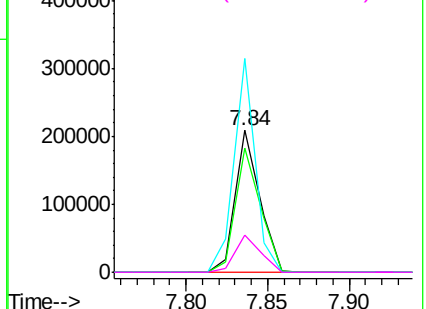
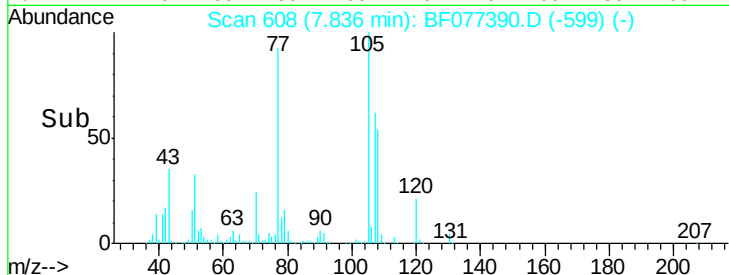
Abundance

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: 8.91 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Tgt Ion:136 Resp: 353229

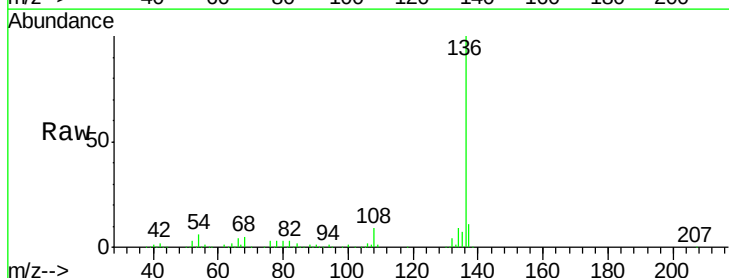
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 6.4 6.2 9.4

68 4.8 5.0 7.6#



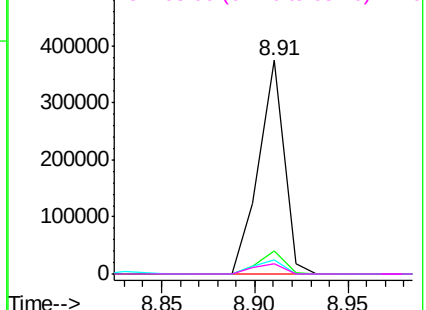
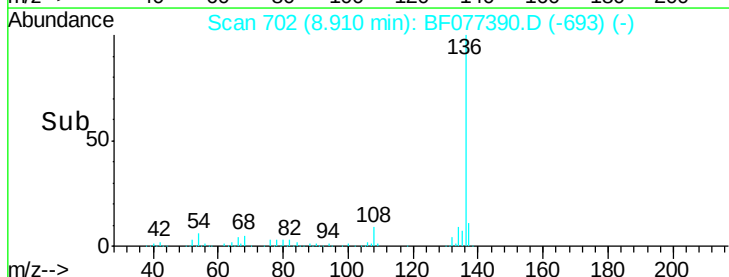
Abundance

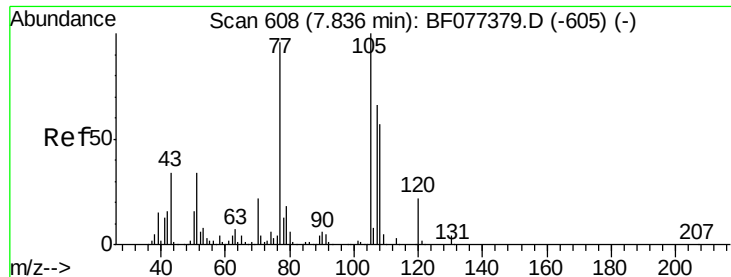
Ion 136.00 (135.70 to 136.70): E

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: 34.56 ng

RT: 7.84 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

Tgt Ion: 105 Resp: 287139

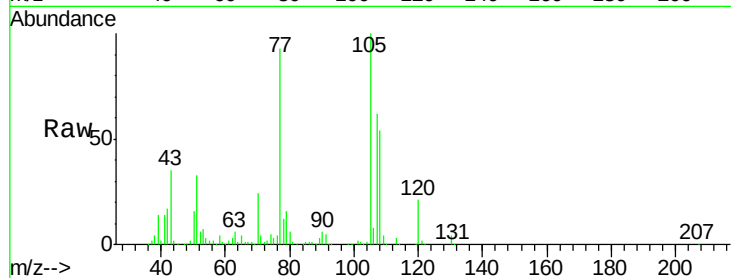
Ion Ratio Lower Upper

105 100

71 4.2 1.7 2.5#

51 32.7 30.7 46.1

120 21.3 16.7 25.1

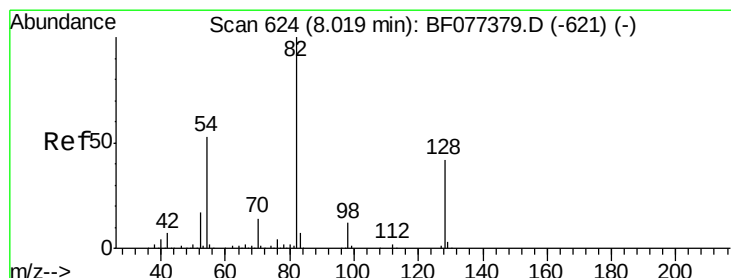
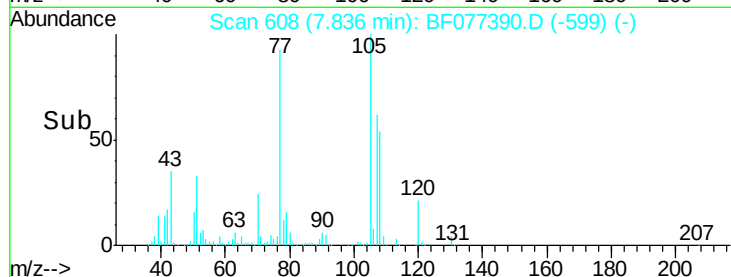
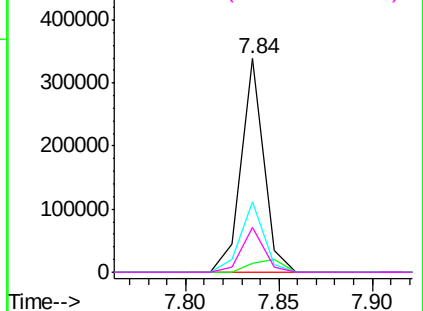


Abundance Ion 105.00 (104.70 to 105.70): E

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: 68.45 ng

RT: 8.02 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

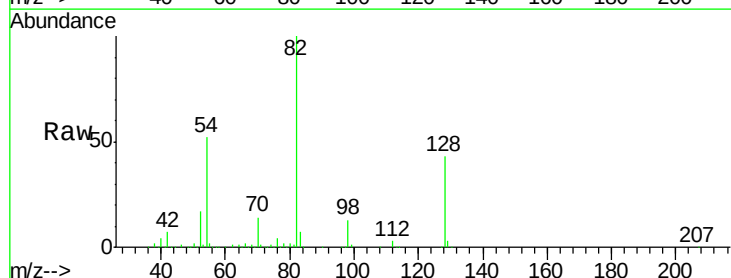
Tgt Ion: 82 Resp: 388798

Ion Ratio Lower Upper

82 100

128 43.3 43.8 65.8#

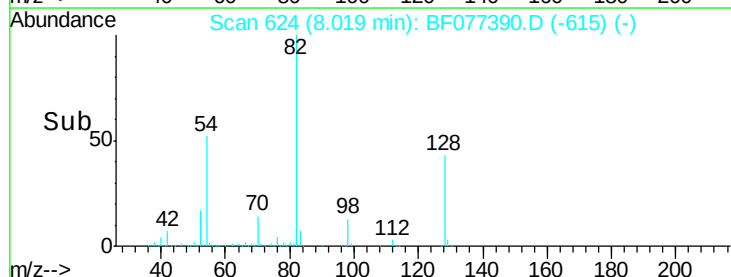
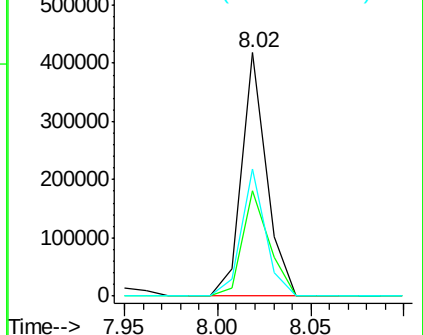
54 52.3 36.7 55.1

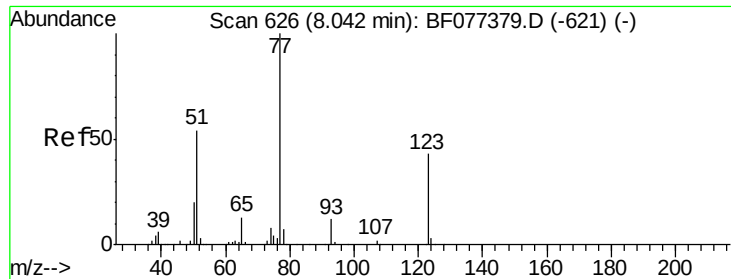


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

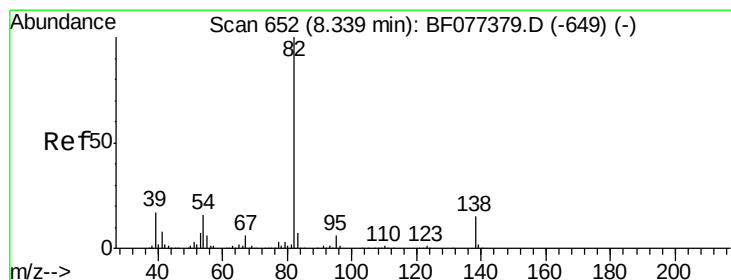
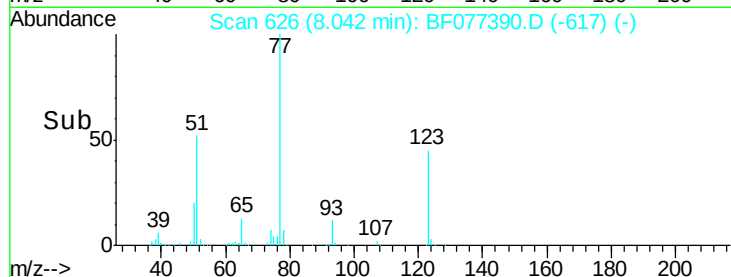
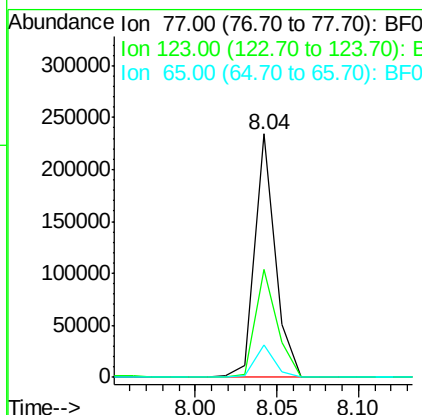
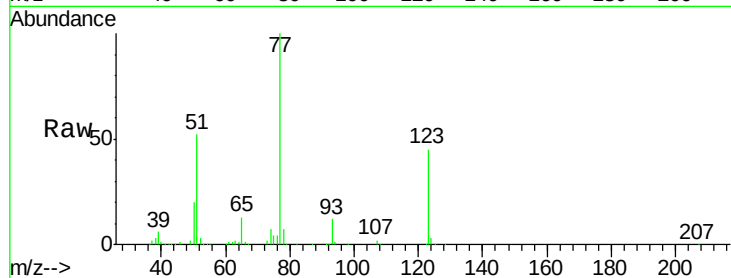




#24
 Nitrobenzene
 Concen: 34.17 ng
 RT: 8.04 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

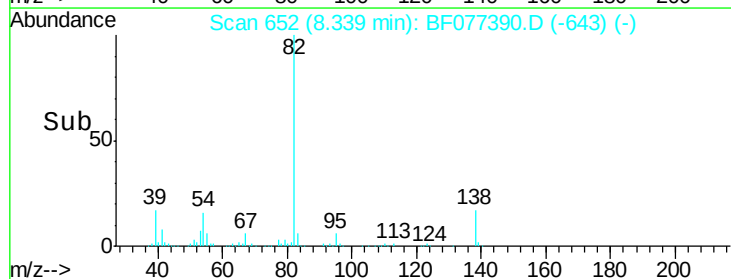
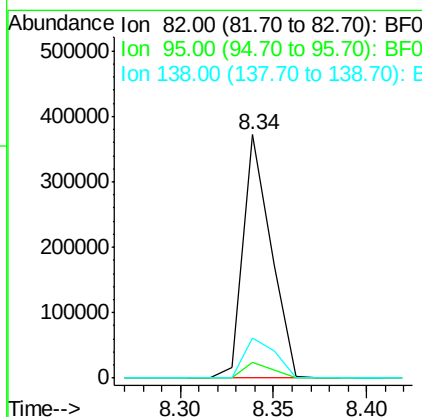
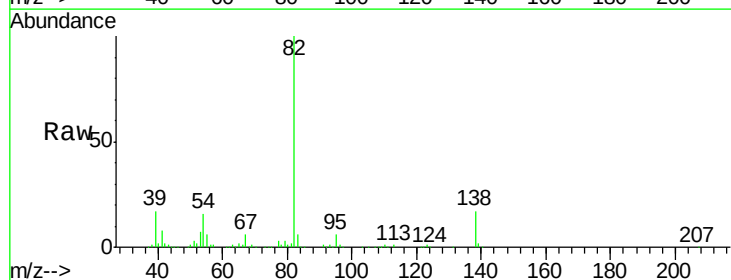
Instrument :
 BNA_F
 ClientSampleId :
 PB81819BS

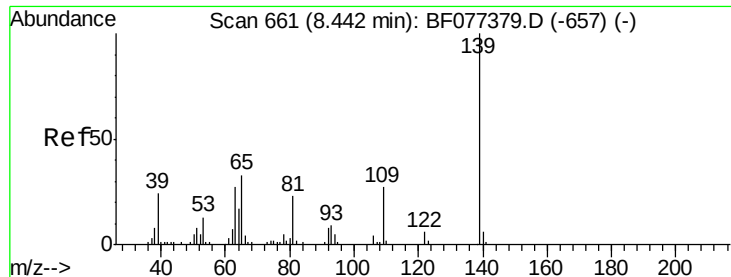
Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	45.9	68.9#
65	13.4	9.5	14.3



#25
 Isophorone
 Concen: 34.20 ng
 RT: 8.34 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.4	8.2
138	16.6	16.3	24.5

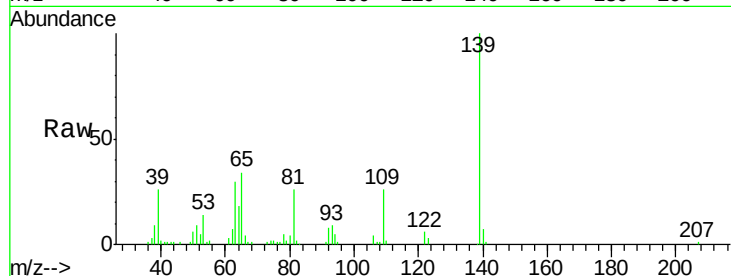




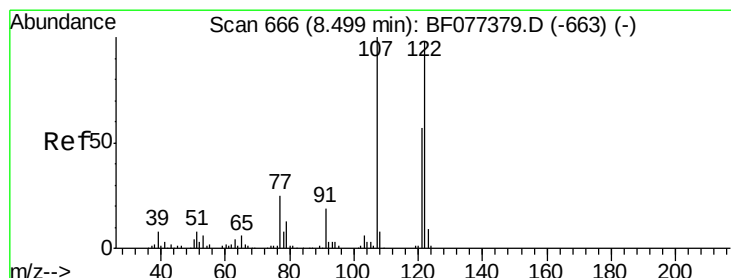
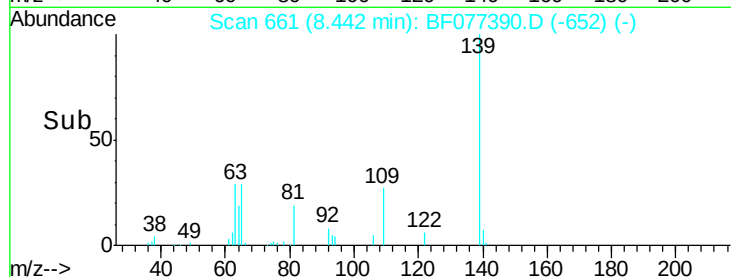
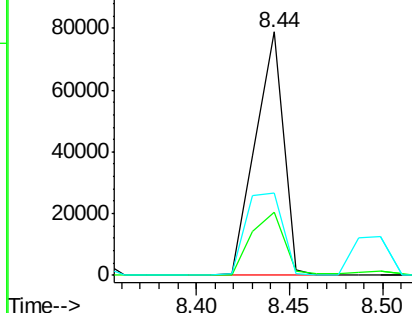
#26
2-Nitrophenol
Concen: 33.43 ng
RT: 8.44 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

Instrument :
BNA_F
ClientSampleId :
PB81819BS

Tgt Ion:139 Resp: 81873
Ion Ratio Lower Upper
139 100
109 26.0 22.6 34.0
65 33.9 36.4 54.6#

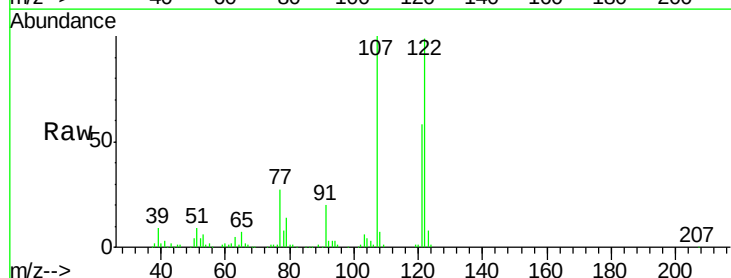


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

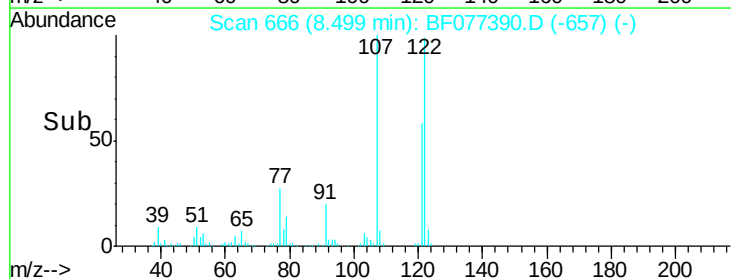
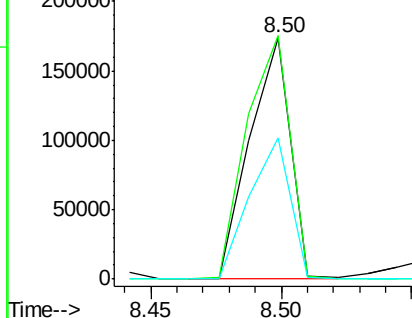


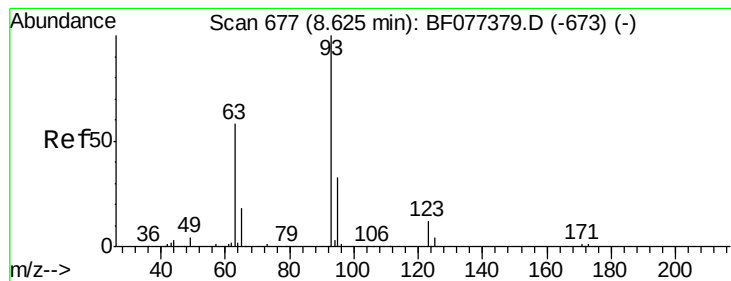
#27
2,4-Dimethylphenol
Concen: 34.88 ng
RT: 8.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

Tgt Ion:122 Resp: 191134
Ion Ratio Lower Upper
122 100
107 100.8 86.6 130.0
121 58.5 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: 34.24 ng

RT: 8.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

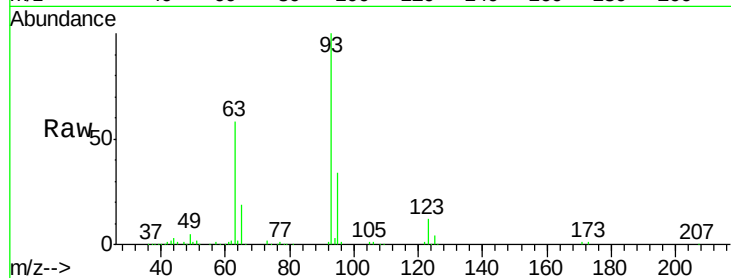
Tgt Ion: 93 Resp: 243757

Ion Ratio Lower Upper

93 100

95 33.6 26.4 39.6

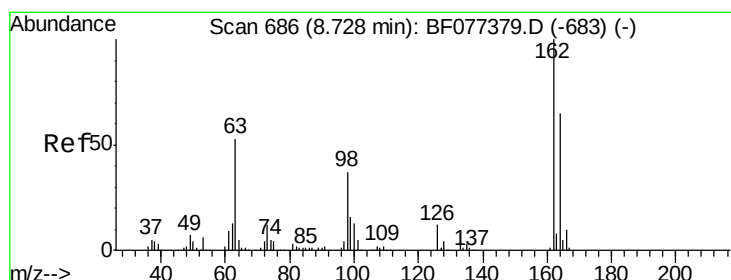
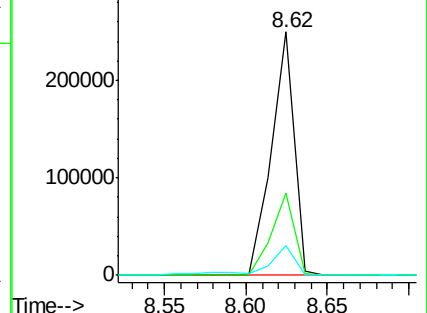
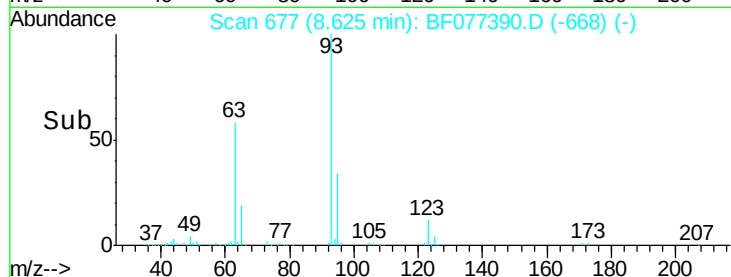
123 12.0 8.7 13.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 35.03 ng

RT: 8.73 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

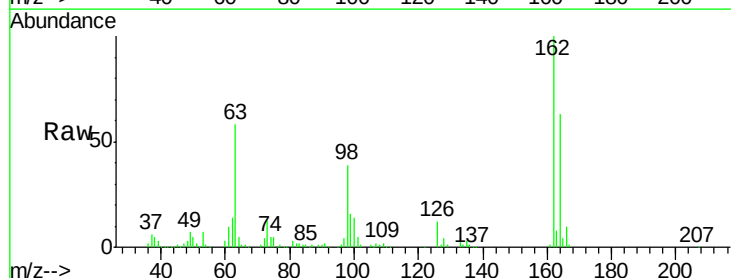
Tgt Ion: 162 Resp: 180183

Ion Ratio Lower Upper

162 100

164 62.8 46.4 86.4

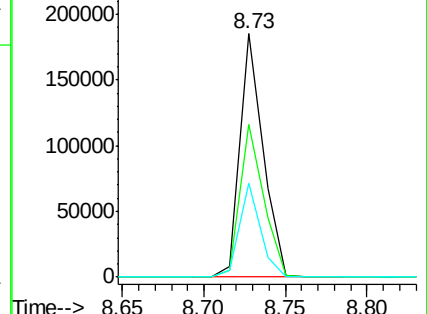
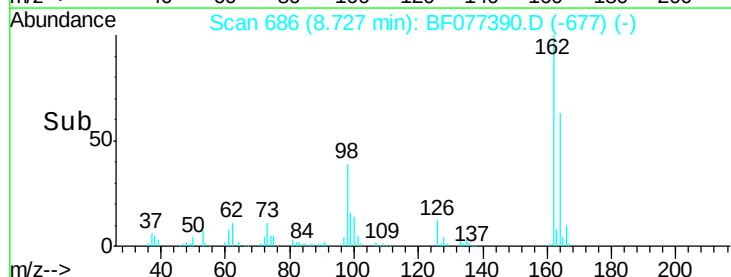
98 38.6 6.9 46.9

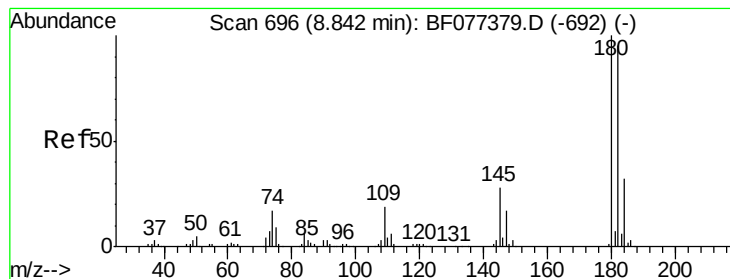


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0





#30

1,2,4-Trichlorobenzene

Concen: 34.15 ng

RT: 8.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

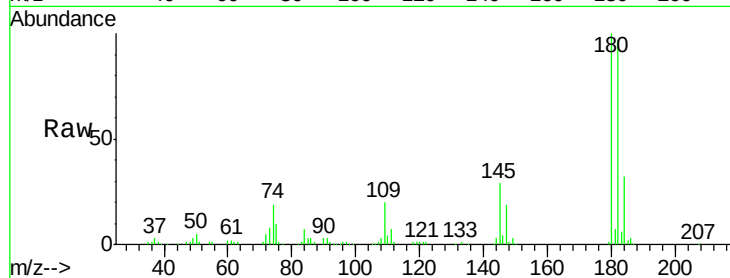
Tgt Ion:180 Resp: 193154

Ion Ratio Lower Upper

180 100

182 96.9 76.2 114.4

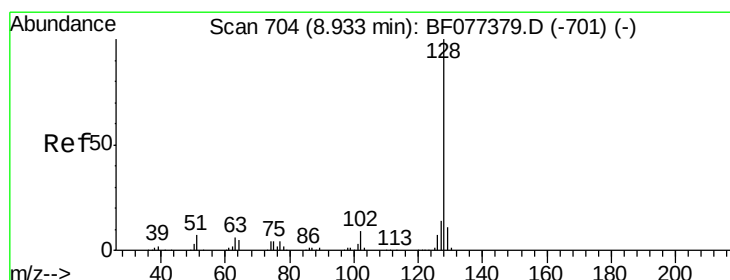
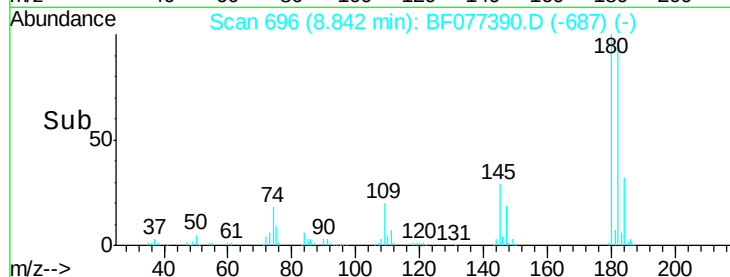
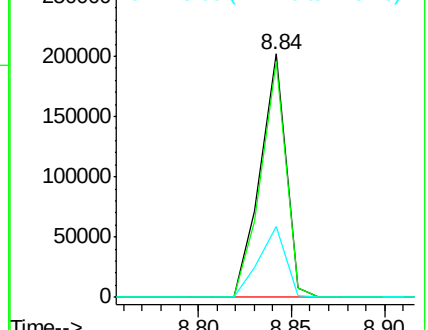
145 29.1 24.5 36.7



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 34.37 ng

RT: 8.93 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

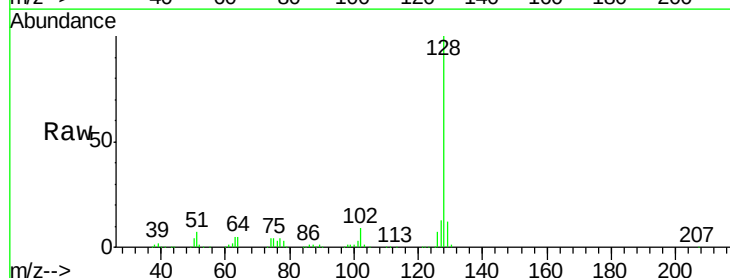
Tgt Ion:128 Resp: 607195

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

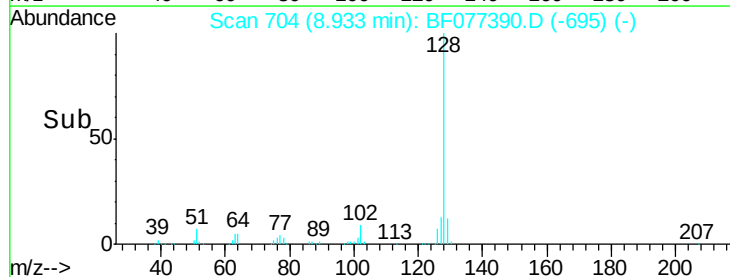
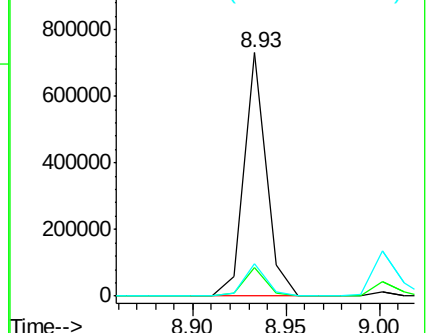
127 13.4 10.6 15.8

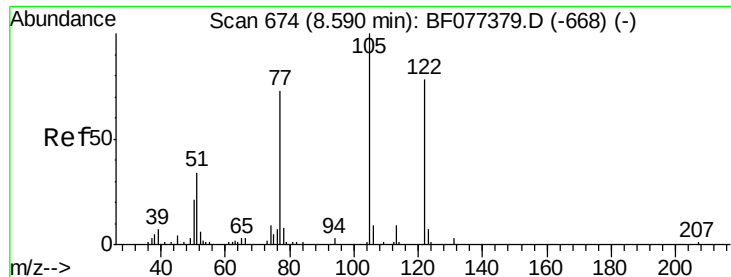


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 35.70 ng

RT: 8.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

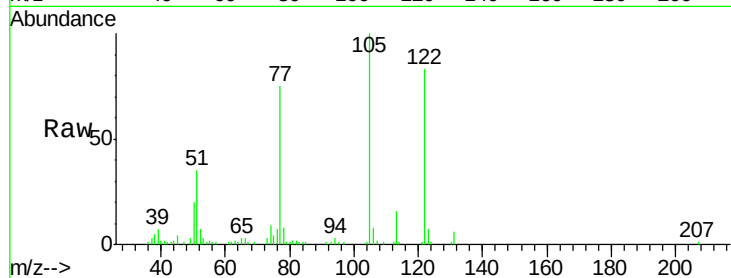
Tgt Ion:122 Resp: 95060

Ion Ratio Lower Upper

122 100

105 120.1 100.3 140.3

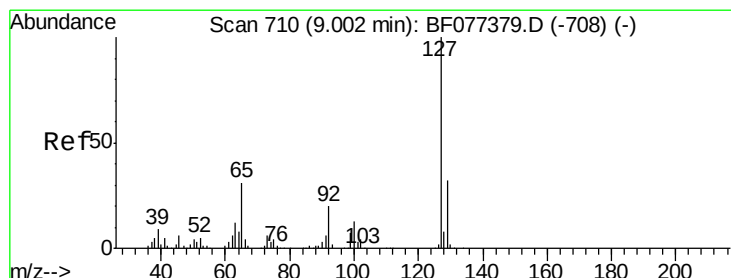
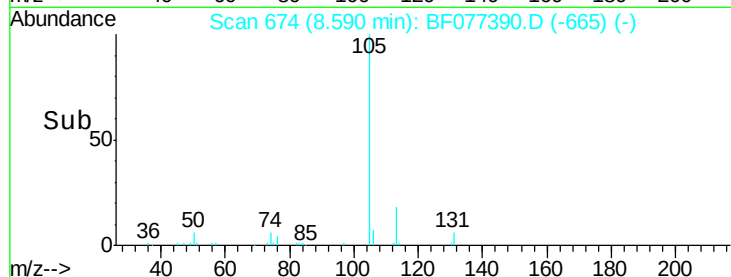
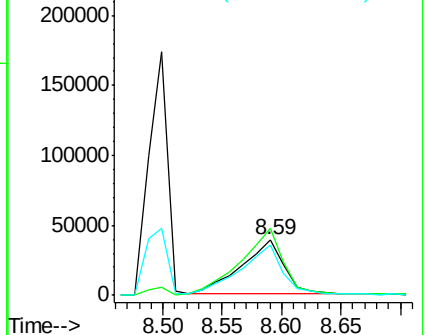
77 90.0 68.7 108.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 15.95 ng

RT: 9.00 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Tgt Ion:127 Resp: 125309

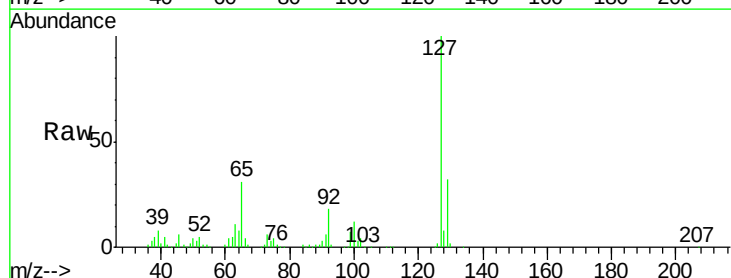
Ion Ratio Lower Upper

127 100

129 31.7 26.9 40.3

65 30.7 16.7 25.1#

92 18.4 12.5 18.7

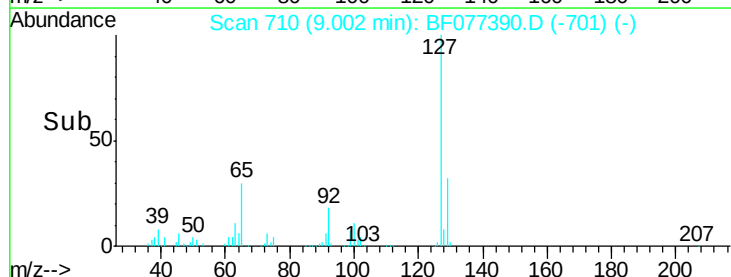
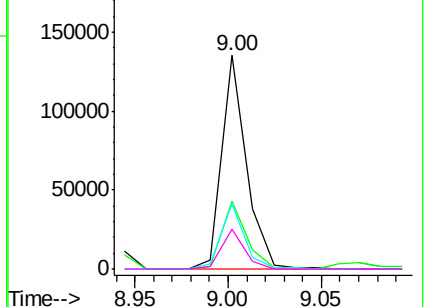


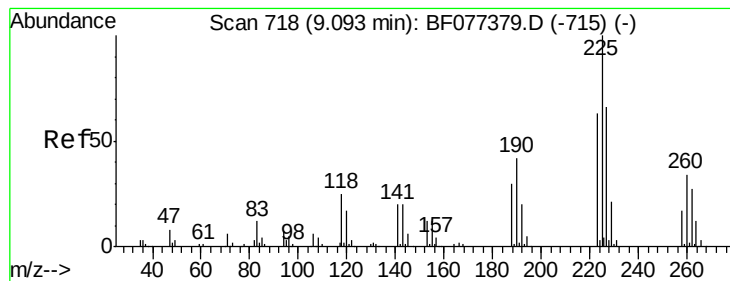
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 35.02 ng

RT: 9.09 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

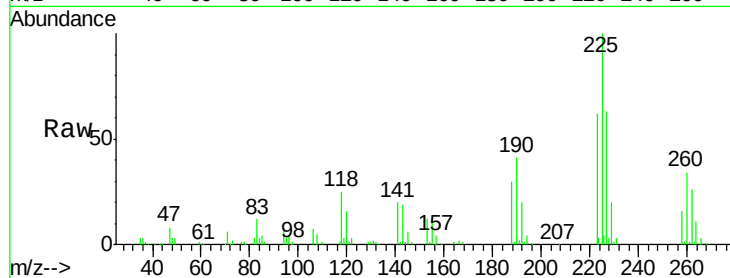
Tgt Ion:225 Resp: 113075

Ion Ratio Lower Upper

225 100

223 62.0 49.5 74.3

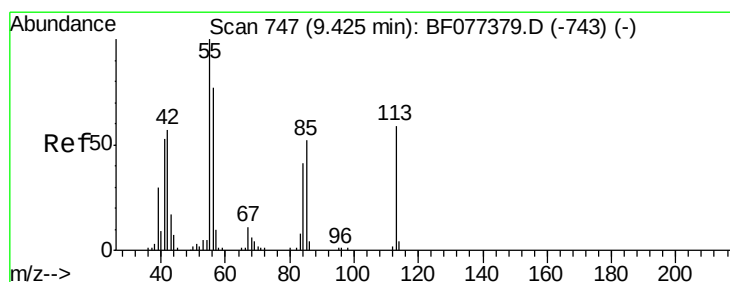
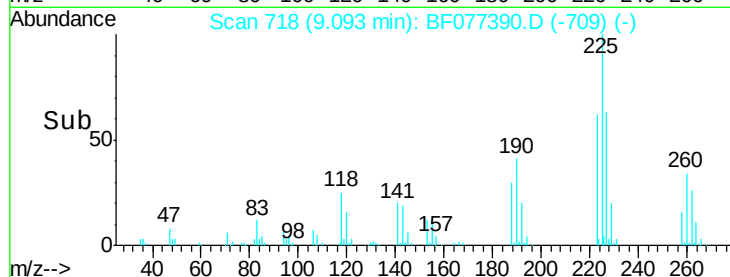
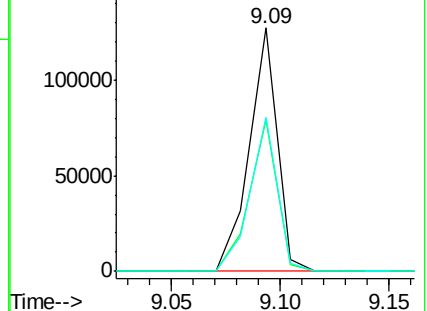
227 63.4 50.5 75.7



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: 35.36 ng

RT: 9.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

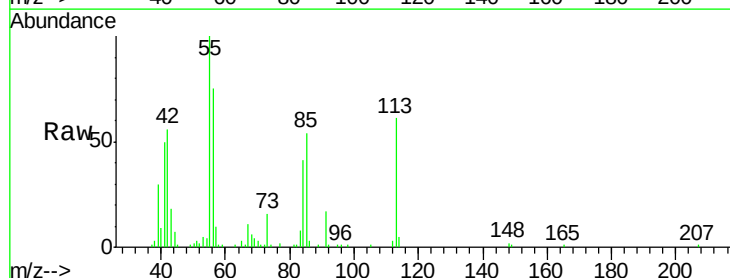
Tgt Ion:113 Resp: 55527

Ion Ratio Lower Upper

113 100

55 163.1 154.6 194.6

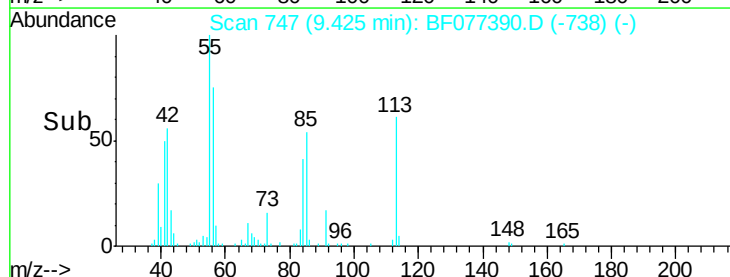
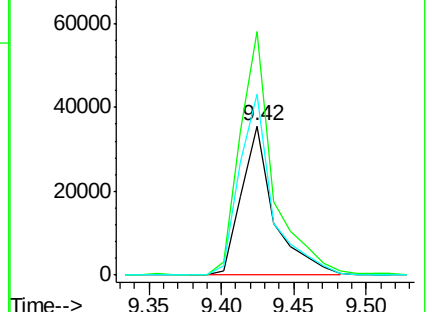
56 121.6 114.0 154.0

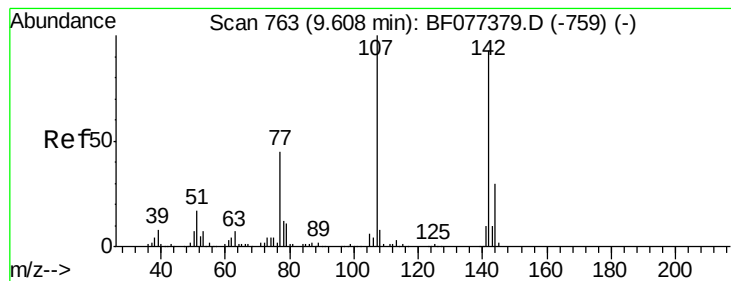


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

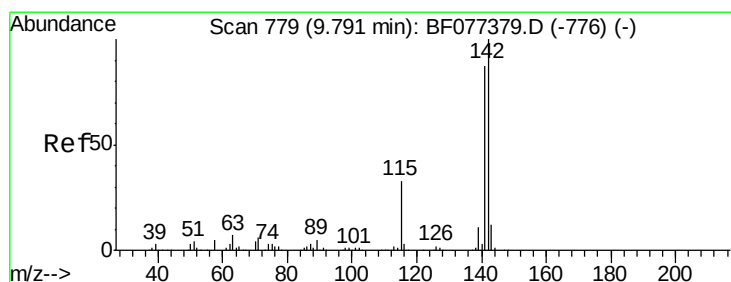
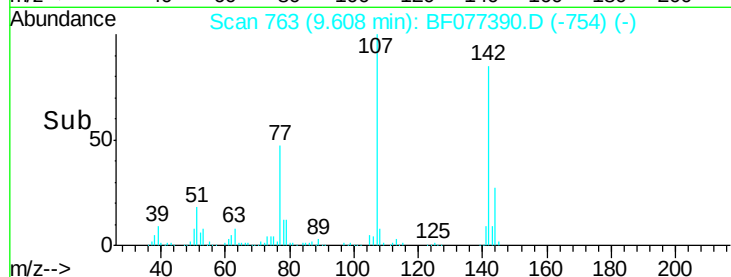
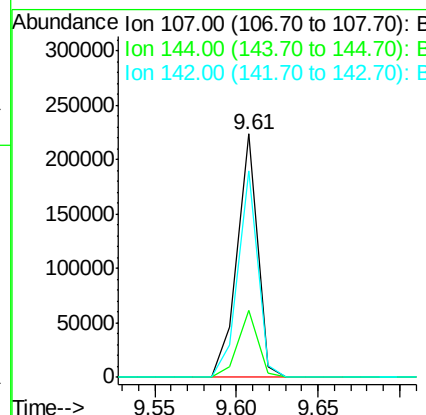
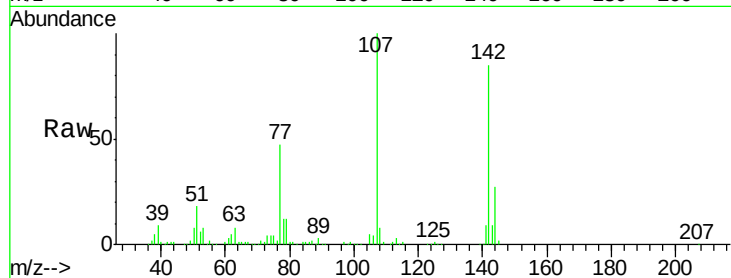




#36
 4-Chloro-3-methylphenol
 Concen: 37.32 ng
 RT: 9.61 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

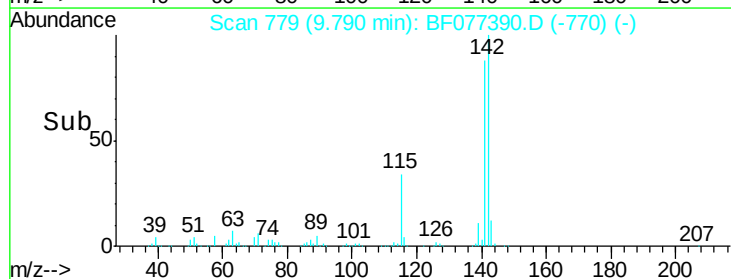
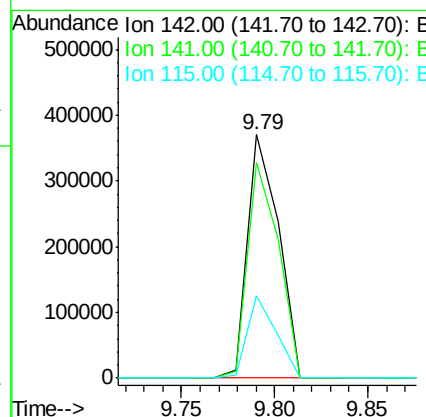
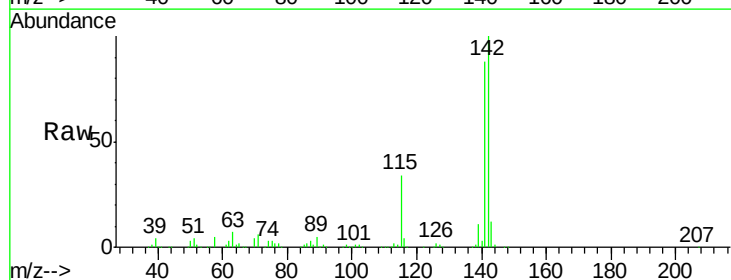
Instrument :
 BNA_F
 ClientSampleId :
 PB81819BS

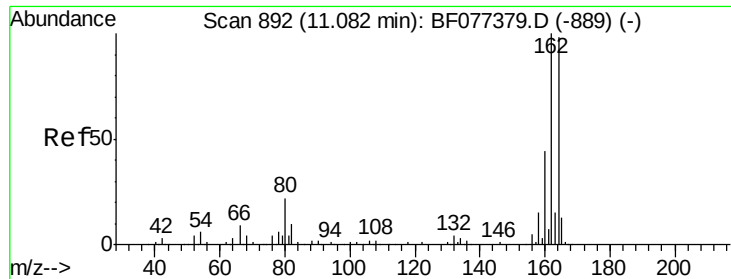
Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	21.1	31.7
142	85.0	65.3	97.9



#37
 2-Methylnaphthalene
 Concen: 33.98 ng
 RT: 9.79 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.7	106.1
115	34.0	24.2	36.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

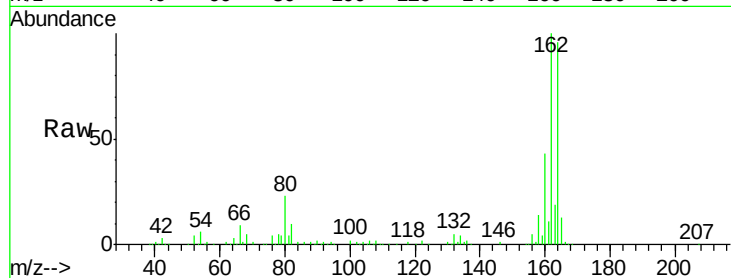
Tgt Ion:164 Resp: 187214

Ion Ratio Lower Upper

164 100

162 104.1 83.2 124.8

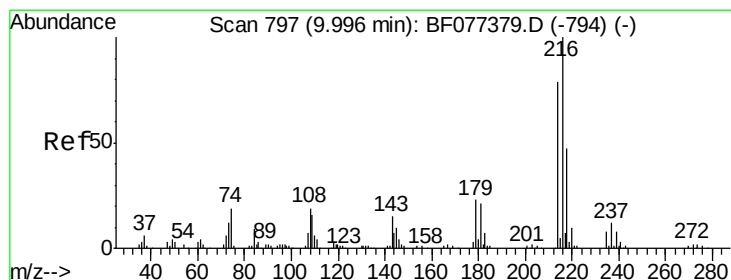
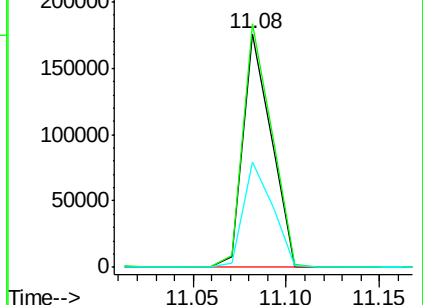
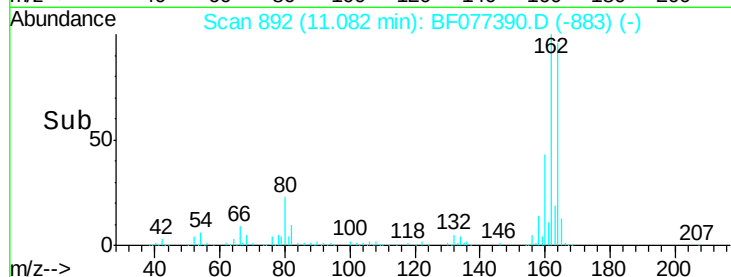
160 44.9 34.6 52.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.79 ng

RT: 10.00 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Tgt Ion:216 Resp: 192263

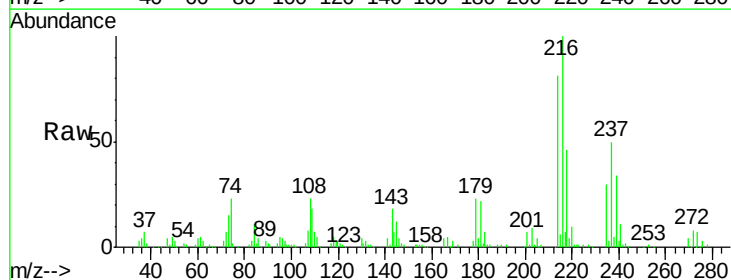
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 20.9 16.6 25.0

108 20.5 14.2 21.4

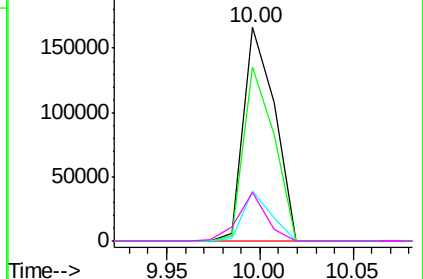
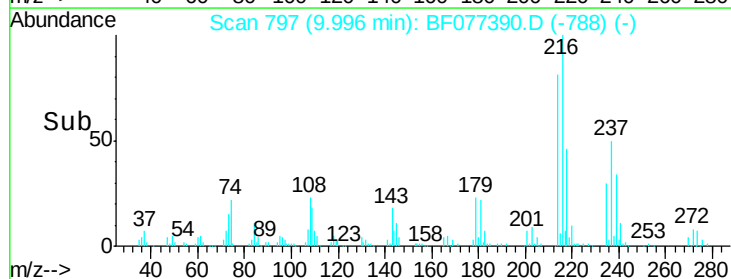


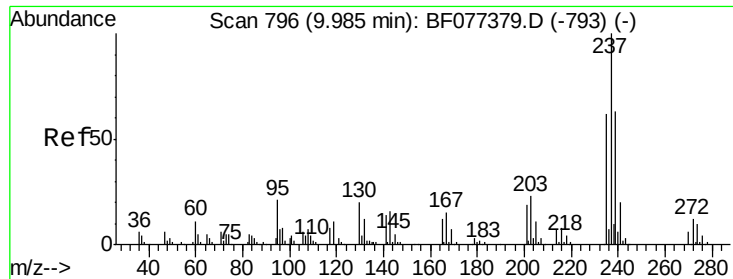
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

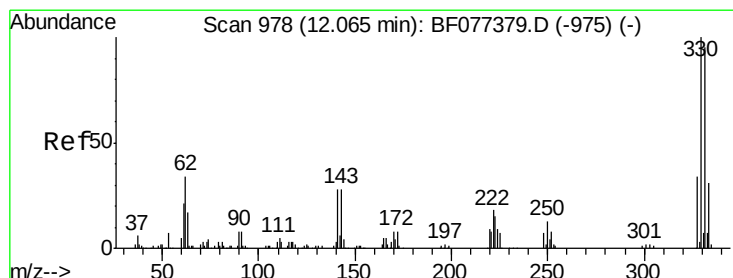
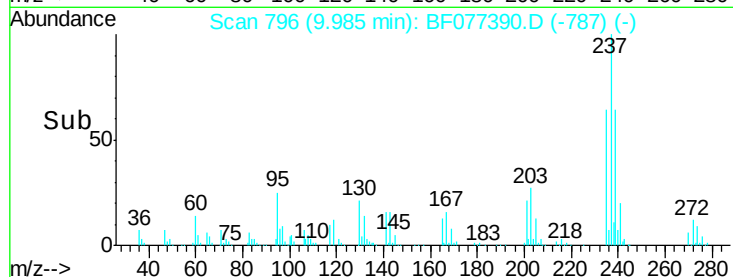
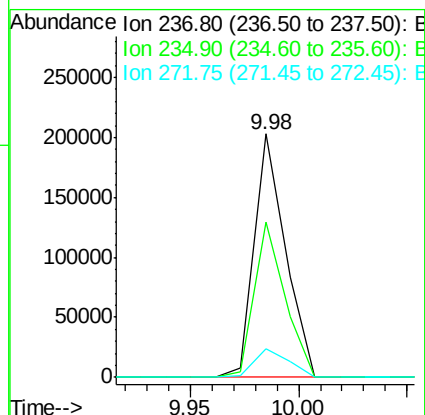
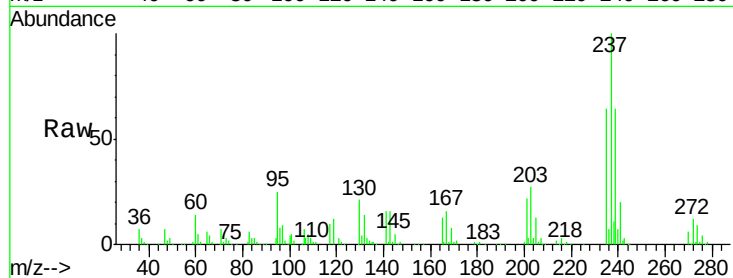




#40
Hexachlorocyclopentadiene
Concen: 70.12 ng
RT: 9.98 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

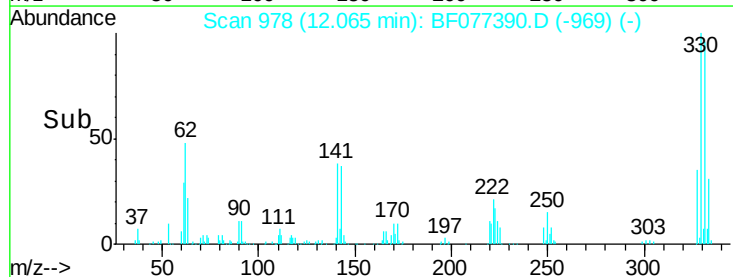
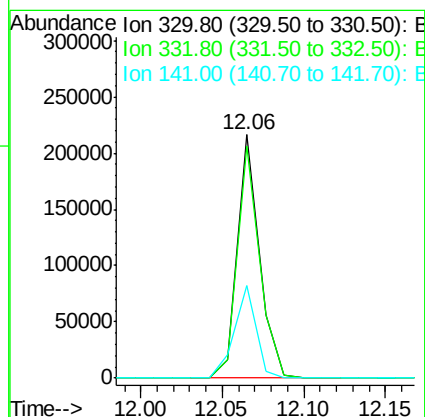
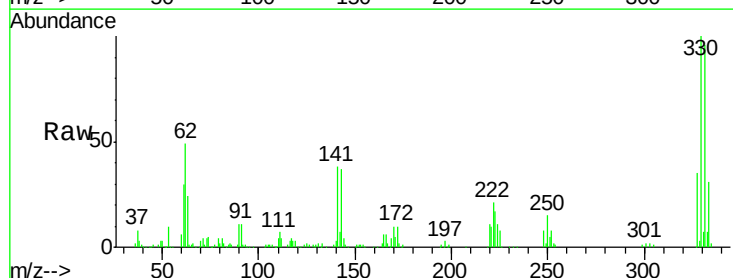
Instrument :
BNA_F
ClientSampleID :
PB81819BS

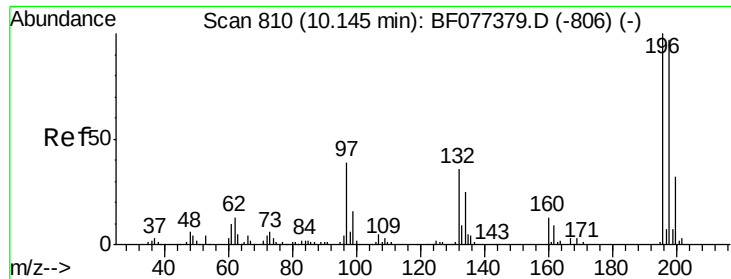
Tgt Ion:237 Resp: 201970
Ion Ratio Lower Upper
237 100
235 63.6 41.0 81.0
272 11.7 0.0 34.3



#41
2,4,6-Tribromophenol
Concen: 111.55 ng
RT: 12.06 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

Tgt Ion:330 Resp: 201085
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 37.3 28.8 43.2

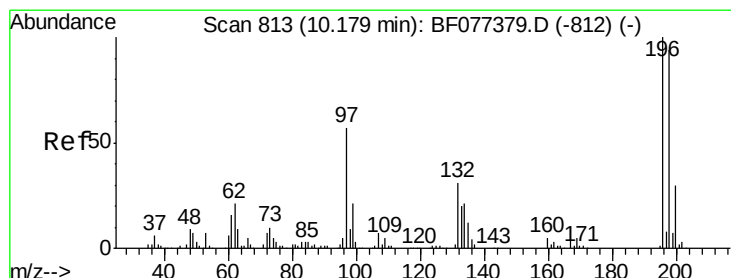
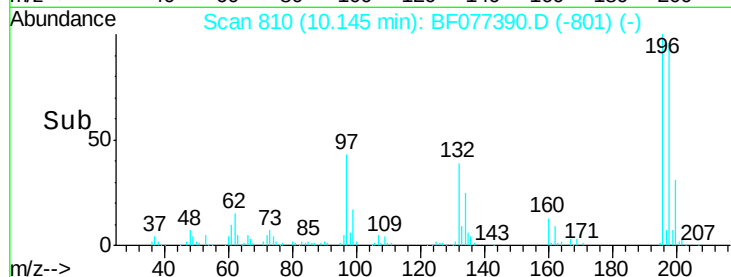
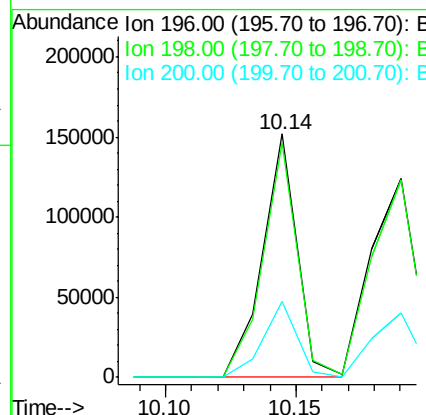
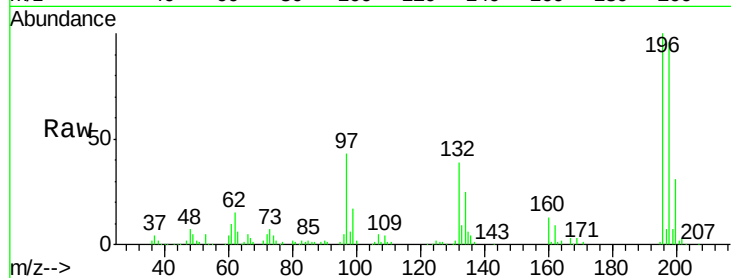




#42
 2,4,6-Trichlorophenol
 Concen: 39.22 ng
 RT: 10.14 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

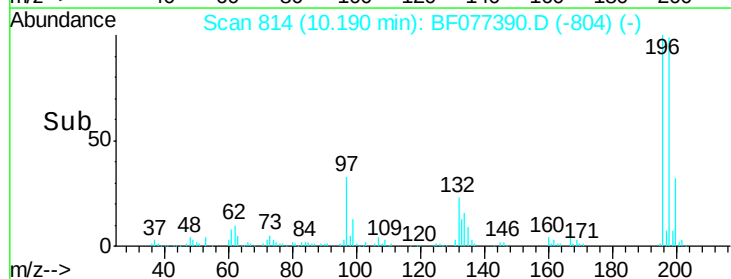
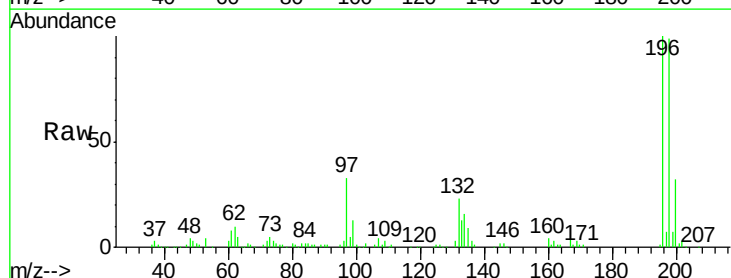
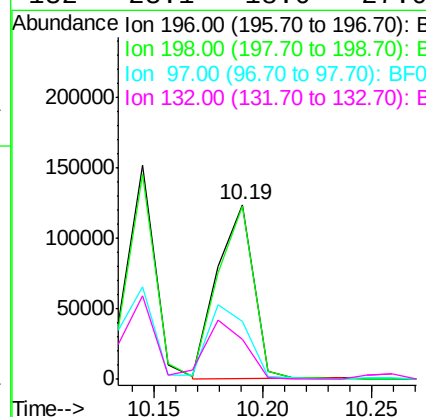
Instrument :
 BNA_F
 ClientSampleId :
 PB81819BS

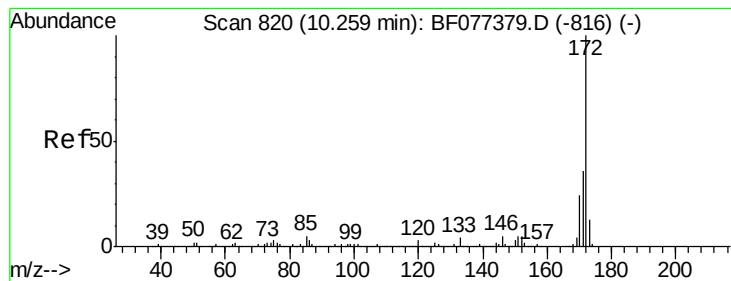
Tgt Ion:196 Resp: 139511
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.8 113.8
 200 31.4 24.2 36.4



#43
 2,4,5-Trichlorophenol
 Concen: 37.79 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

Tgt Ion:196 Resp: 143751
 Ion Ratio Lower Upper
 196 100
 198 99.0 77.2 115.8
 97 33.0 27.7 41.5
 132 23.1 18.0 27.0





#44

2-Fluorobiphenyl

Concen: 80.07 ng

RT: 10.26 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

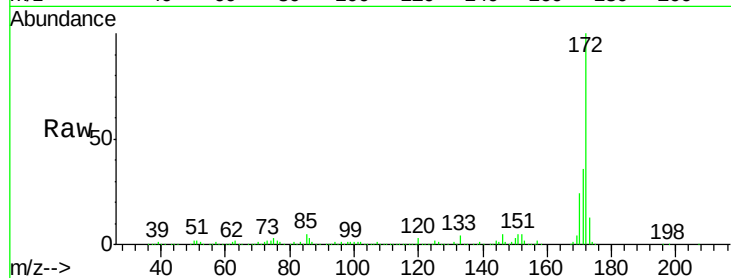
Tgt Ion:172 Resp: 961392

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

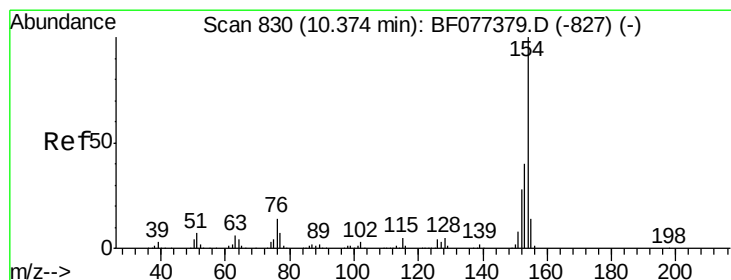
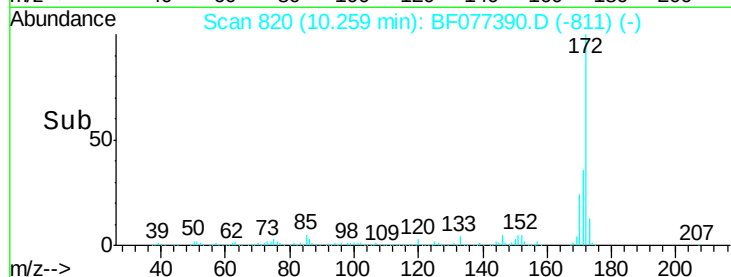
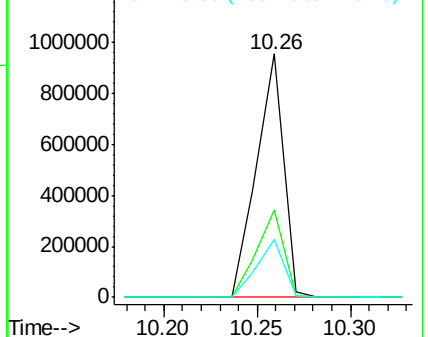
170 23.7 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 36.63 ng

RT: 10.37 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

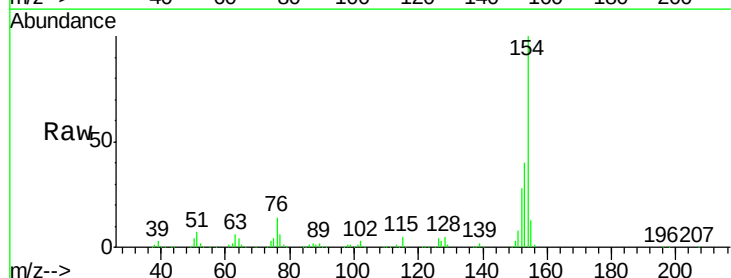
Tgt Ion:154 Resp: 519530

Ion Ratio Lower Upper

154 100

153 40.3 20.2 60.2

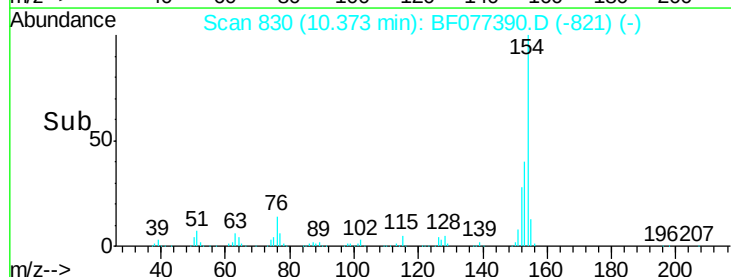
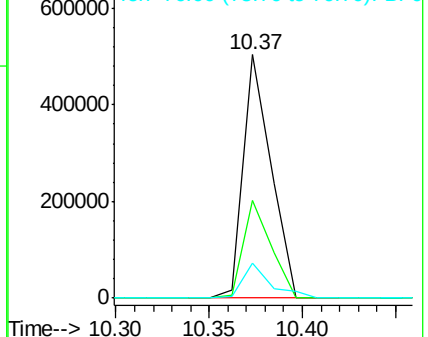
76 14.1 0.0 29.4

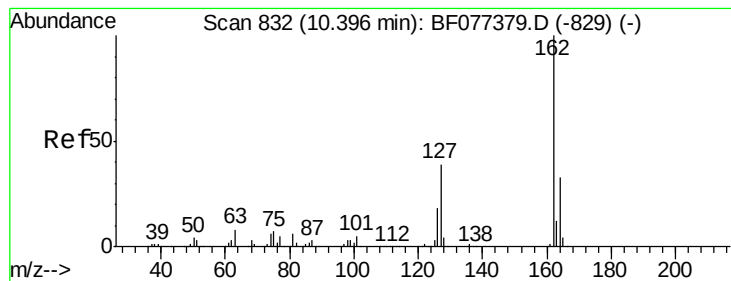


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 37.16 ng

RT: 10.40 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

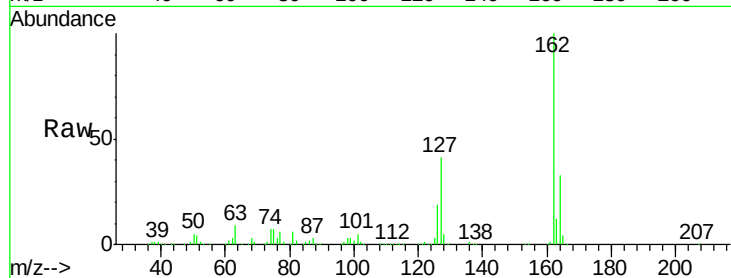
Tgt Ion: 162 Resp: 413322

Ion Ratio Lower Upper

162 100

127 40.9 33.3 49.9

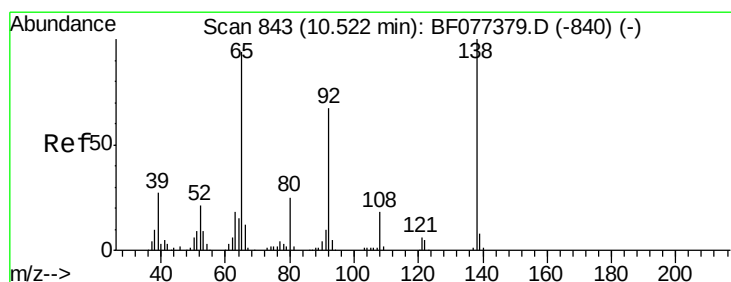
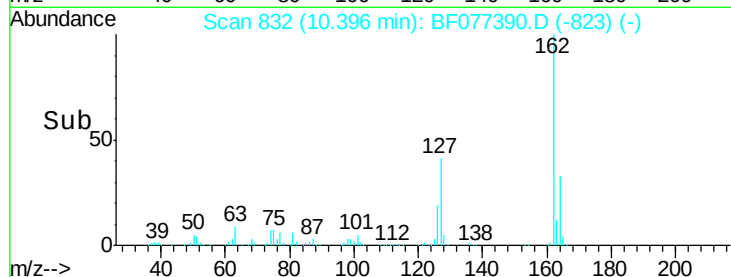
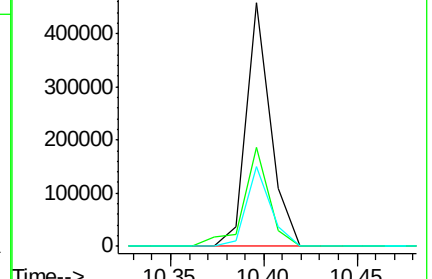
164 32.7 26.2 39.4



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: 38.25 ng

RT: 10.52 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

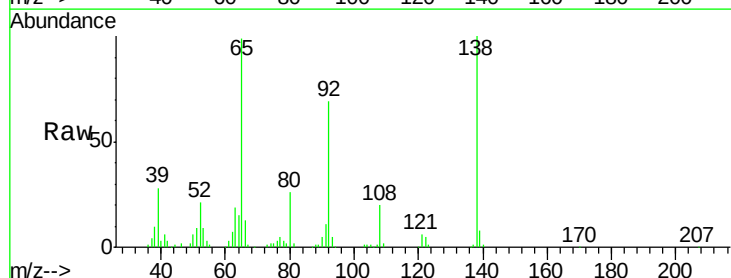
Tgt Ion: 65 Resp: 104737

Ion Ratio Lower Upper

65 100

92 69.3 52.4 78.6

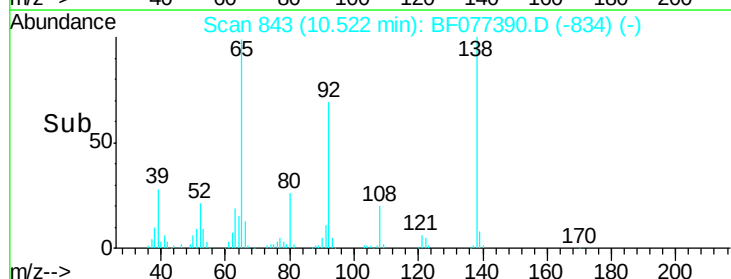
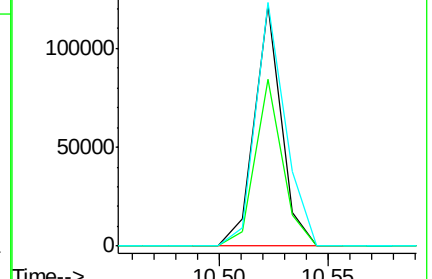
138 100.8 73.4 110.0

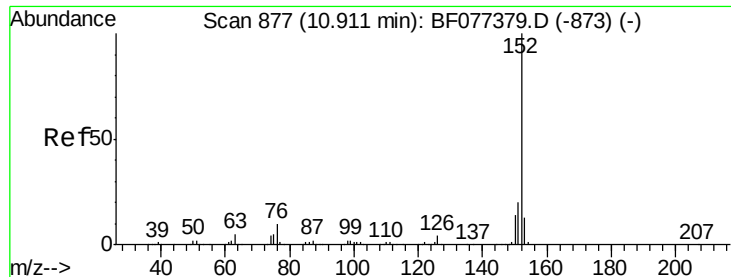


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 37.50 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

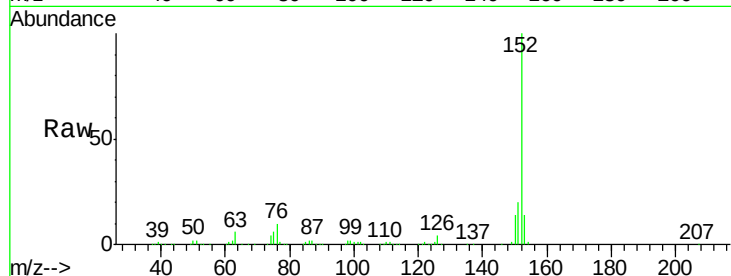
Tgt Ion:152 Resp: 660414

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

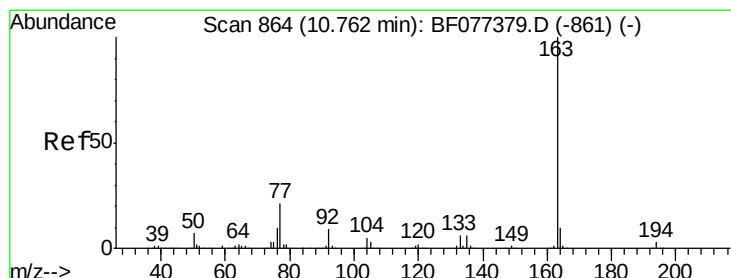
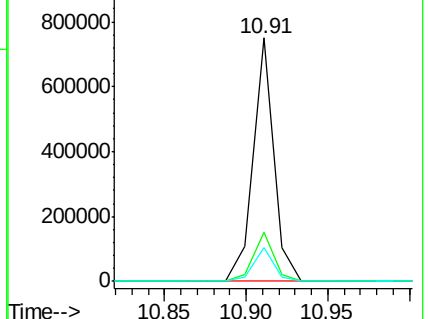
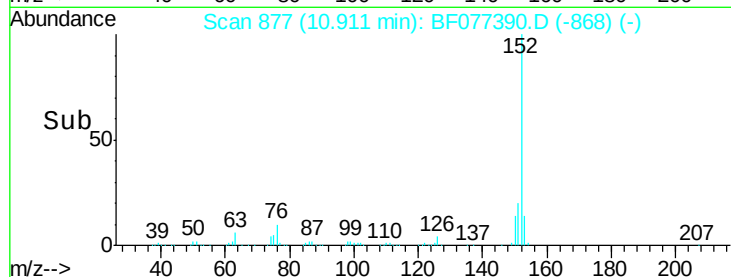
153 13.7 10.9 16.3



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: 38.63 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

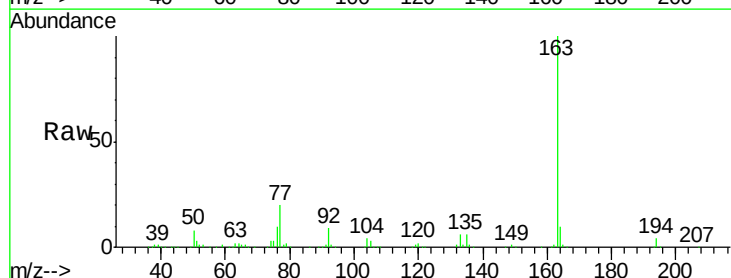
Tgt Ion:163 Resp: 508306

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

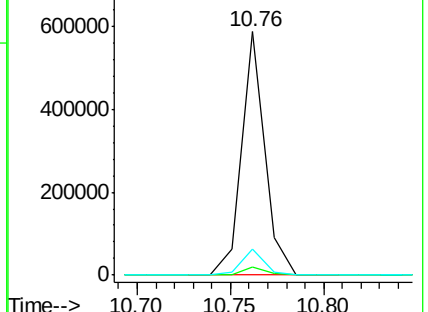
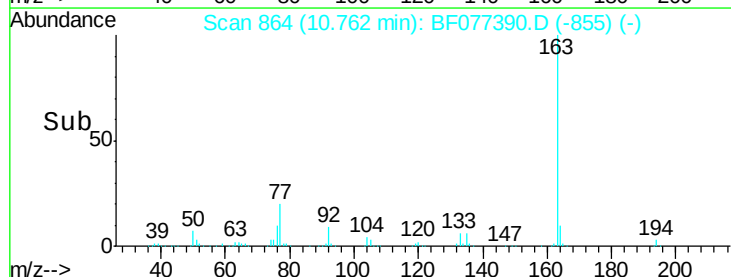
164 10.5 8.6 13.0

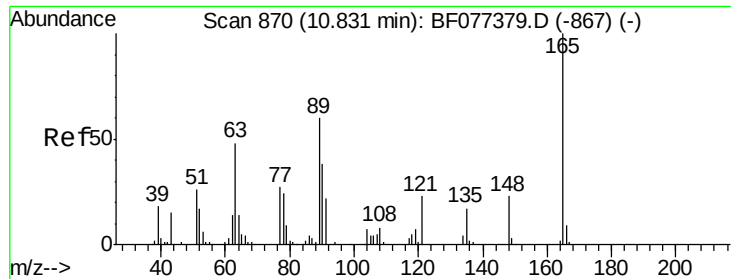


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

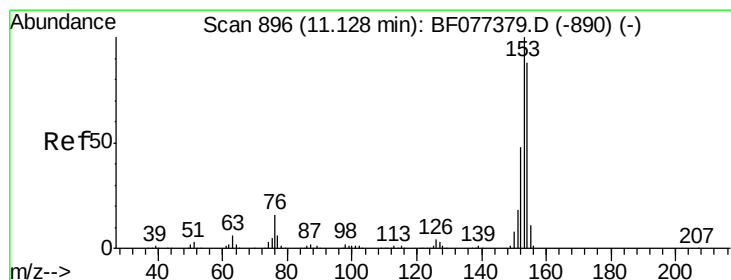
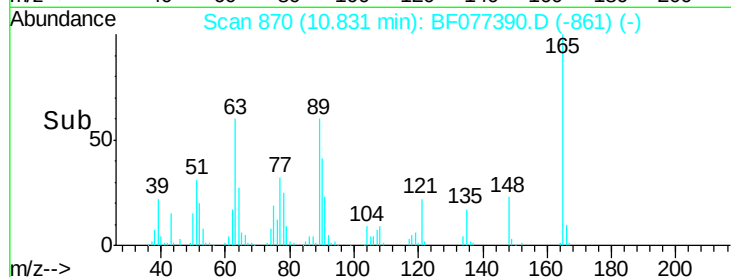
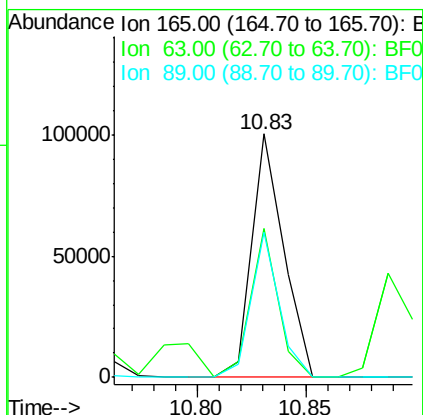
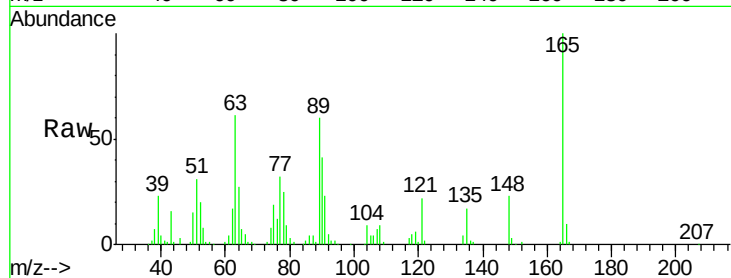




#50
 2,6-Dinitrotoluene
 Concen: 38.80 ng
 RT: 10.83 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

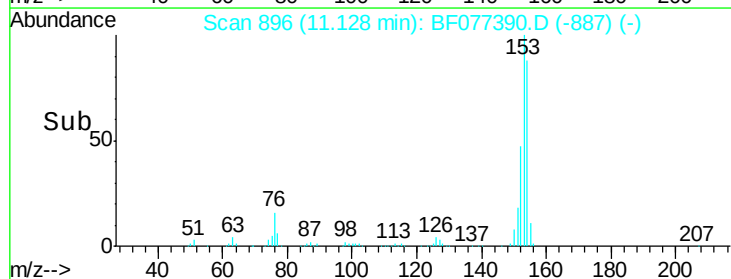
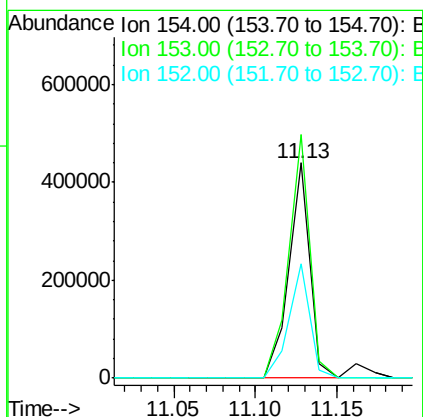
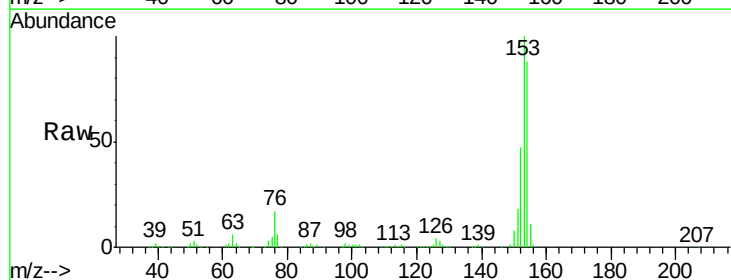
Instrument :
 BNA_F
 ClientSampleId :
 PB81819BS

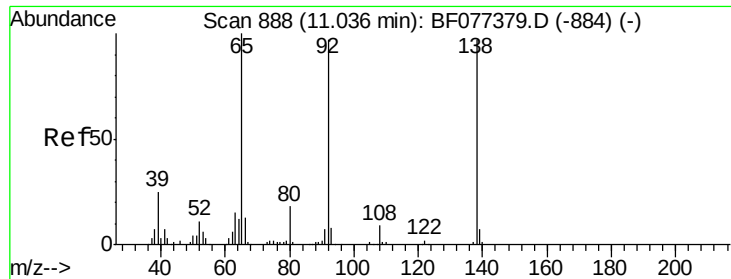
Tgt Ion:165 Resp: 102403
 Ion Ratio Lower Upper
 165 100
 63 61.2 25.2 37.8#
 89 59.6 30.5 45.7#



#51
 Acenaphthene
 Concen: 37.54 ng
 RT: 11.13 min Scan# 896
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

Tgt Ion:154 Resp: 394509
 Ion Ratio Lower Upper
 154 100
 153 113.2 90.5 135.7
 152 53.4 43.5 65.3





#52

3-Nitroaniline

Concen: 25.89 ng

RT: 11.04 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

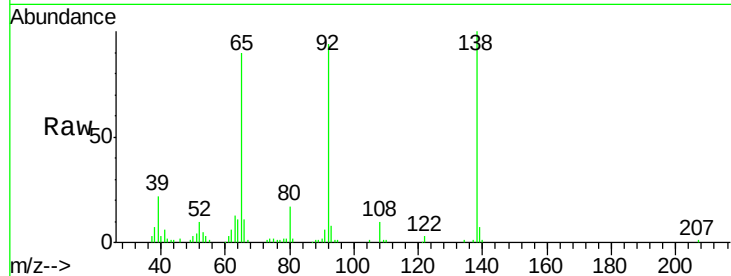
Tgt Ion:138 Resp: 78760

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.8

92 93.9 90.6 135.8



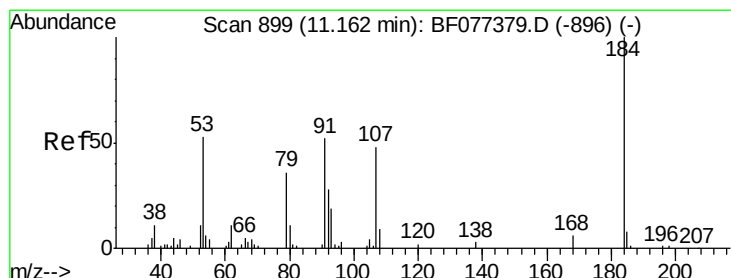
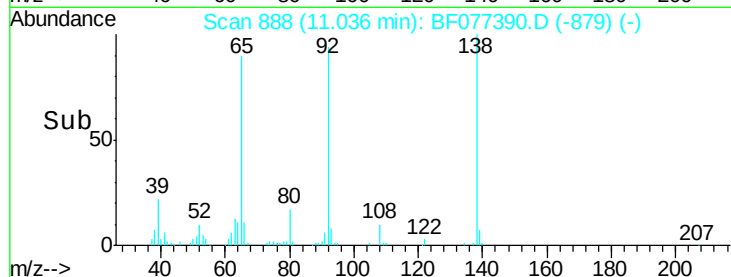
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

Time-->

11.04



#53

2,4-Dinitrophenol

Concen: 59.50 ng

RT: 11.16 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

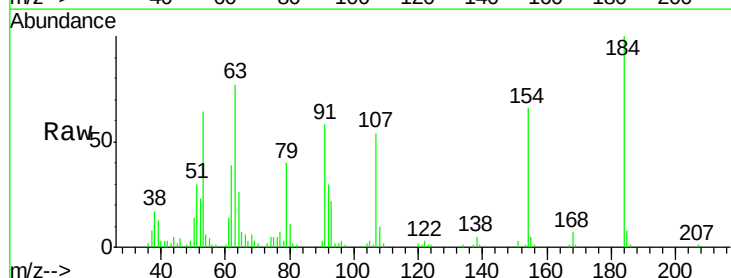
Tgt Ion:184 Resp: 47780

Ion Ratio Lower Upper

184 100

63 77.4 29.5 44.3#

154 66.0 43.2 64.8#



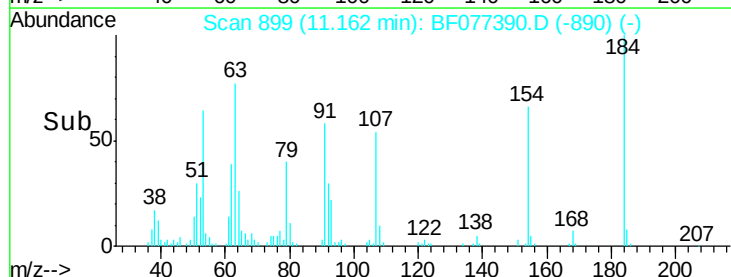
Abundance Ion 184.00 (183.70 to 184.70): E

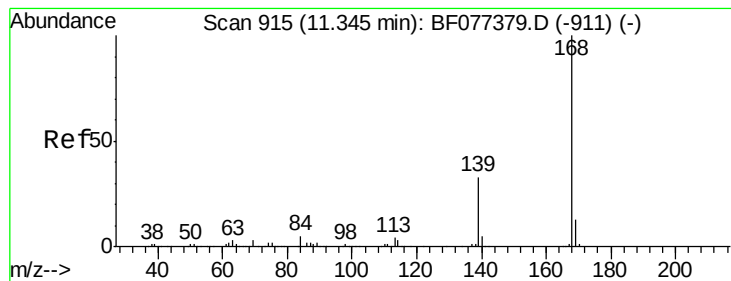
Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

Time-->

11.16





#54

Dibenzofuran

Concen: 38.12 ng

RT: 11.34 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

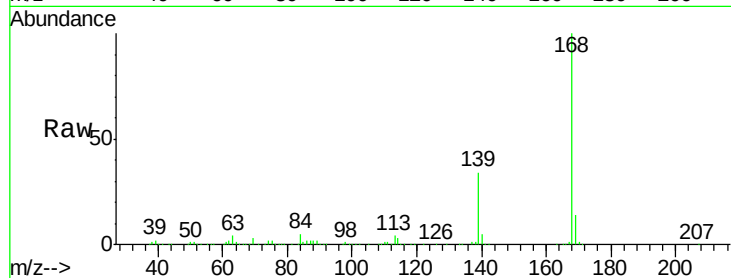
Tgt Ion:168 Resp: 618455

Ion Ratio Lower Upper

168 100

139 34.4 29.3 43.9

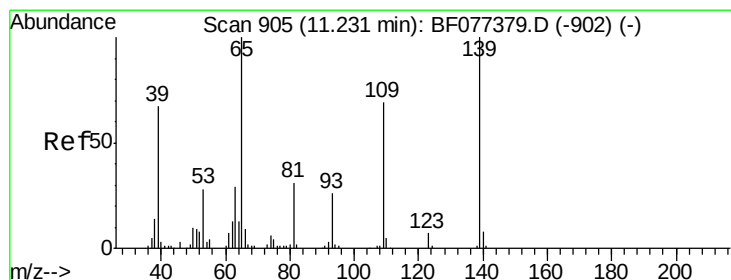
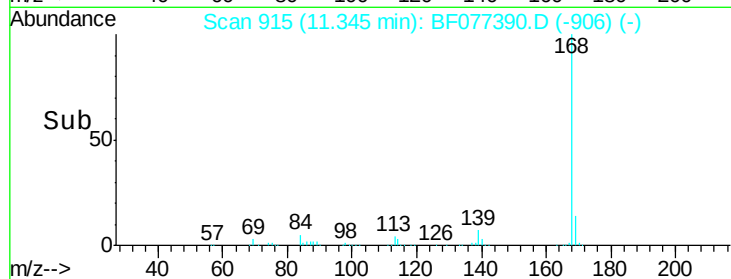
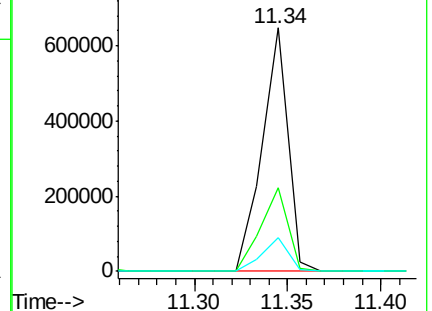
169 13.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 77.08 ng

RT: 11.24 min Scan# 906

Delta R.T. 0.01 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

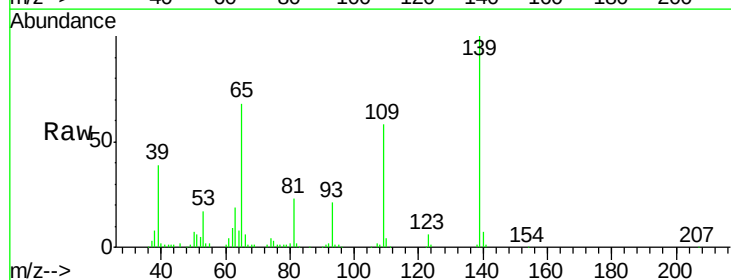
Tgt Ion:139 Resp: 188653

Ion Ratio Lower Upper

139 100

109 58.4 36.2 76.2

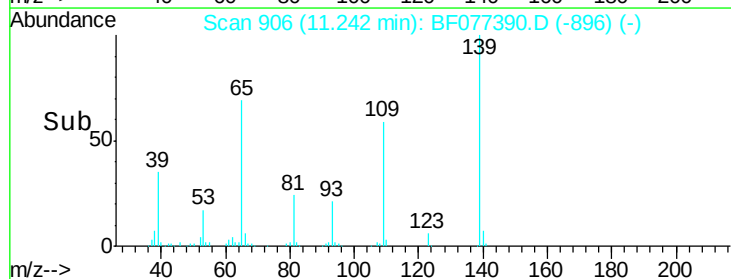
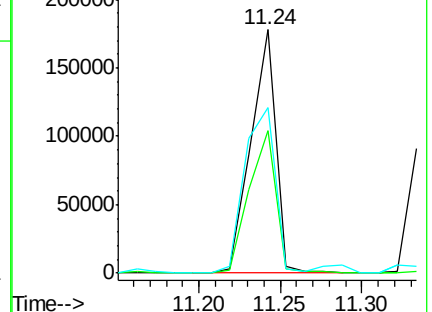
65 68.1 40.3 80.3

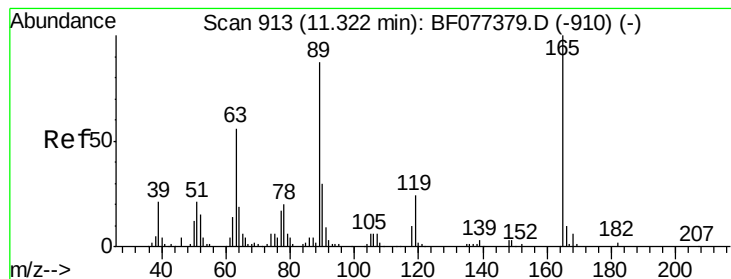


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 39.73 ng

RT: 11.33 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

Tgt Ion:165 Resp: 141670

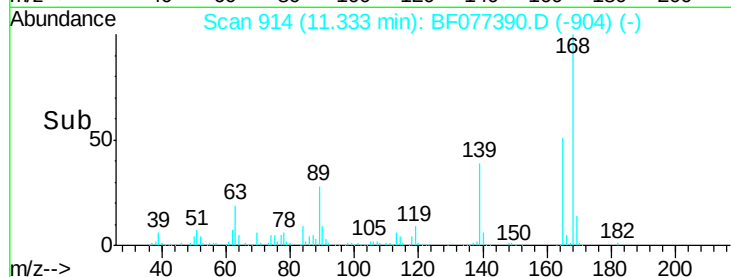
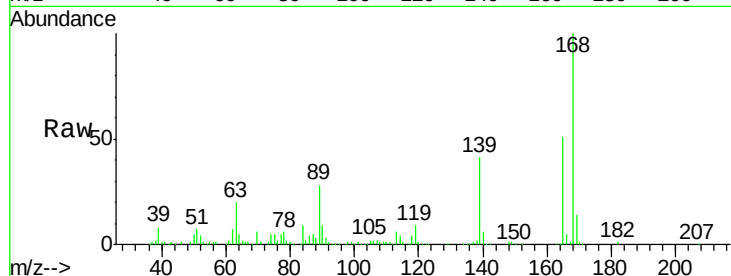
Ion Ratio Lower Upper

165 100

63 39.3 29.8 44.8

89 56.1 48.5 72.7

182 2.3 1.9 2.9

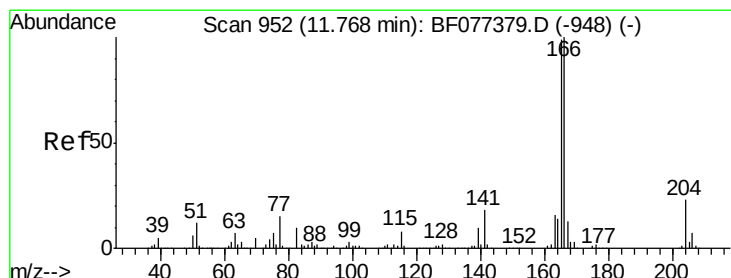
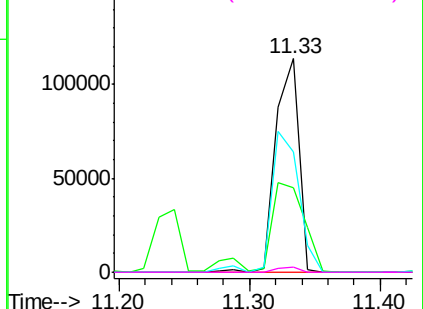


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 37.86 ng

RT: 11.77 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

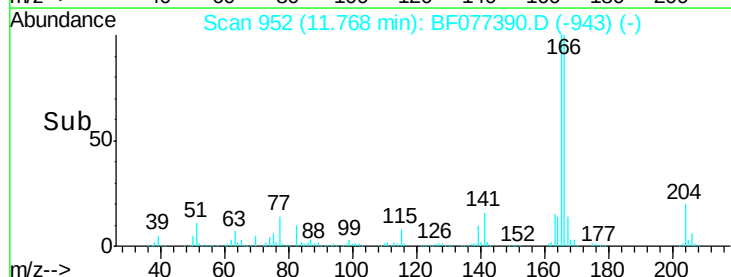
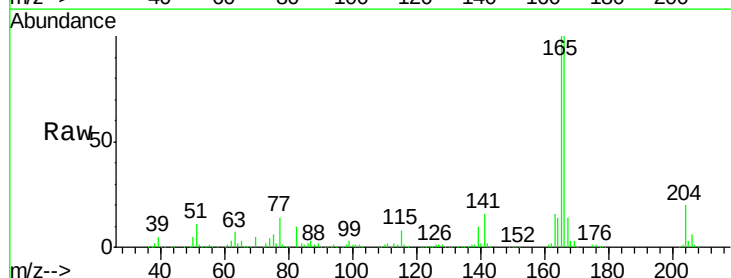
Tgt Ion:166 Resp: 491079

Ion Ratio Lower Upper

166 100

165 99.7 77.6 116.4

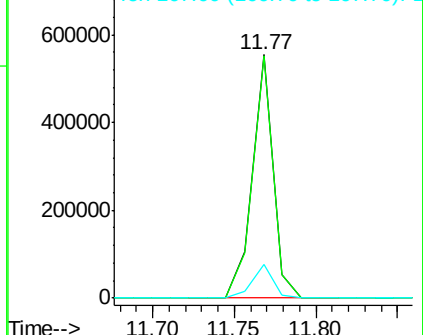
167 13.7 10.6 16.0

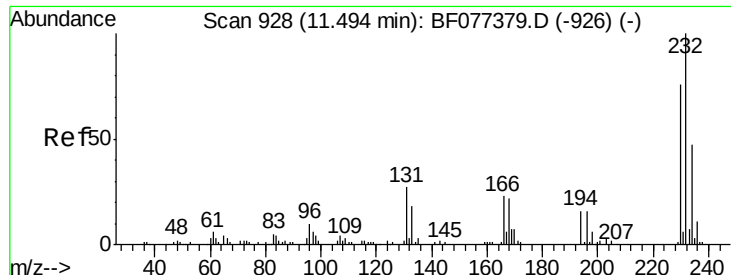


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

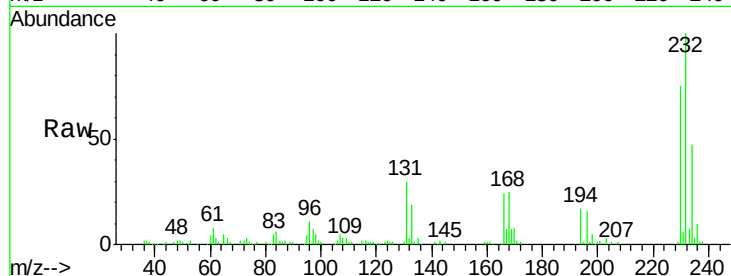




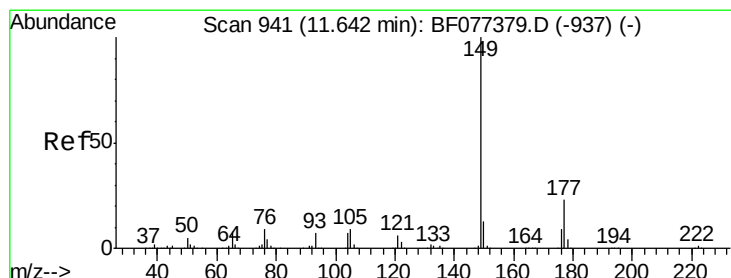
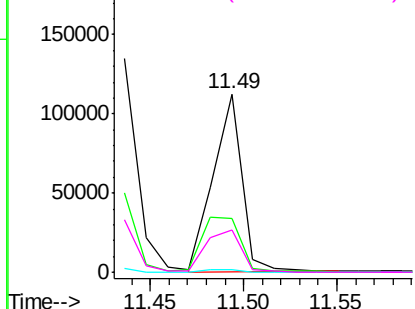
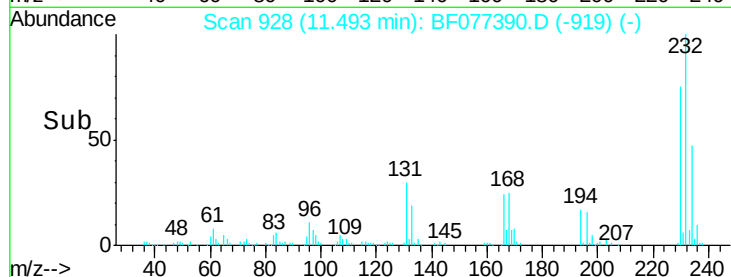
#58
2,3,4,6-Tetrachlorophenol
Concen: 39.46 ng
RT: 11.49 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

Instrument :
BNA_F
ClientSampleId :
PB81819BS

Tgt Ion: 232 Resp: 120668
Ion Ratio Lower Upper
232 100
131 41.7 34.2 51.2
130 2.0 1.8 2.6
166 29.6 24.3 36.5

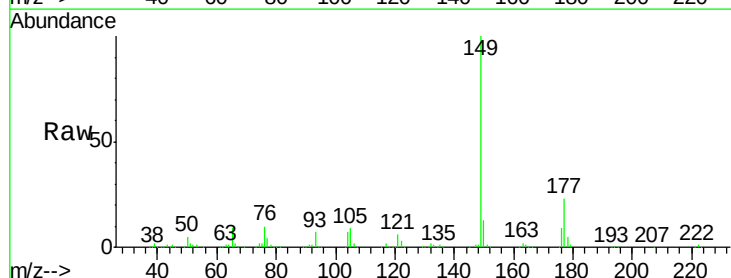


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

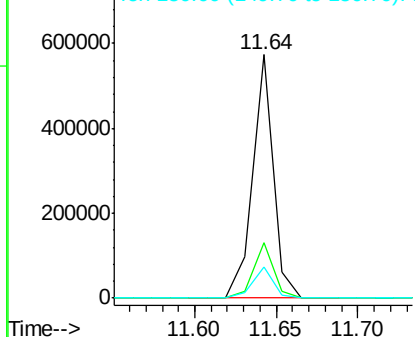
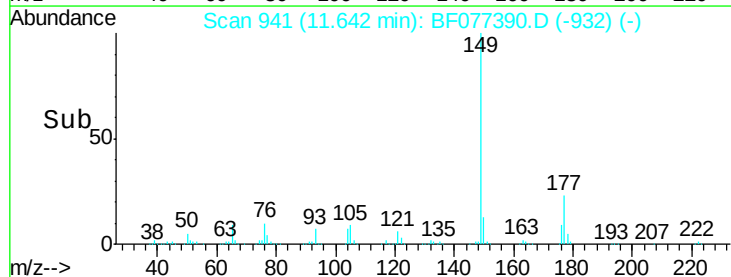


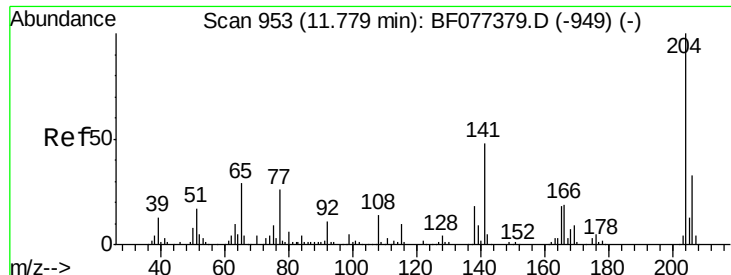
#59
Diethylphthalate
Concen: 38.78 ng
RT: 11.64 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

Tgt Ion: 149 Resp: 503109
Ion Ratio Lower Upper
149 100
177 23.0 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

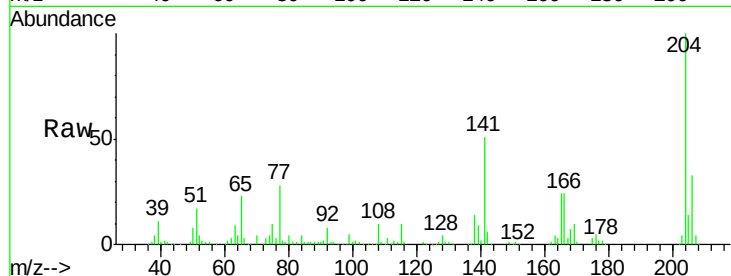




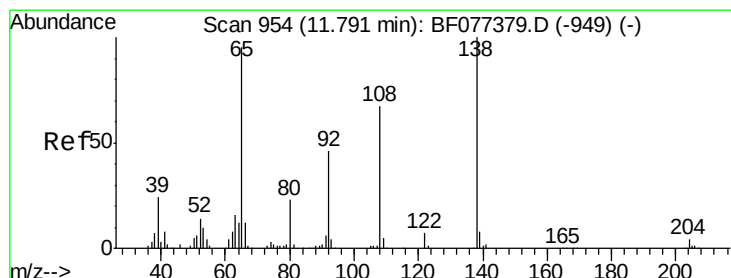
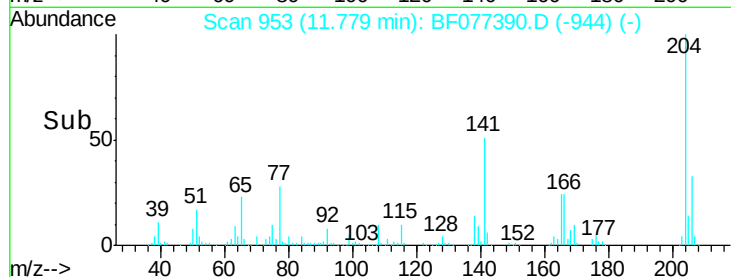
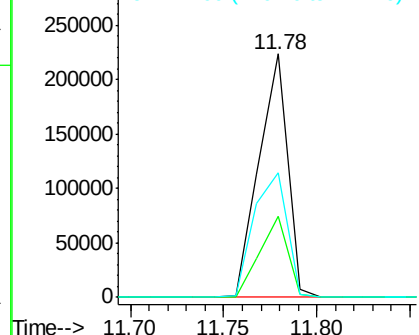
#60
 4-Chlorophenyl-phenylether
 Concen: 37.95 ng
 RT: 11.78 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB81819BS

Tgt Ion: 204 Resp: 237204
 Ion Ratio Lower Upper
 204 100
 206 33.4 25.9 38.9
 141 51.2 43.6 65.4

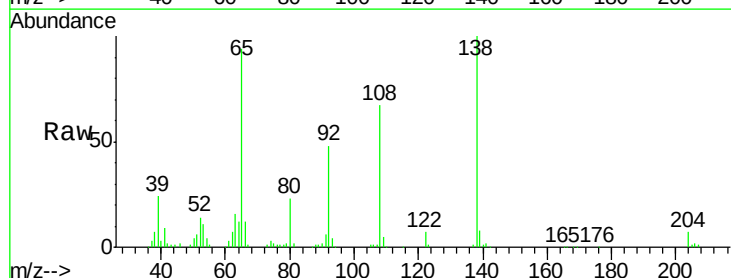


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

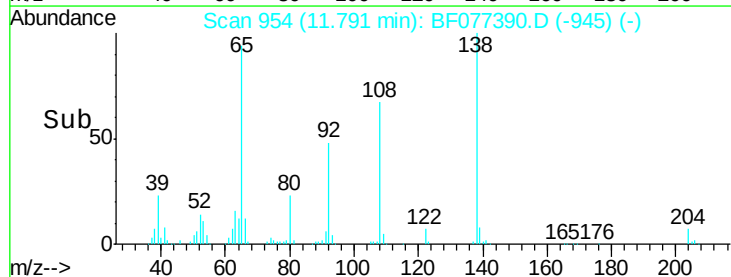
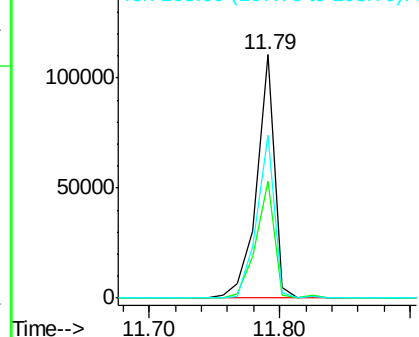


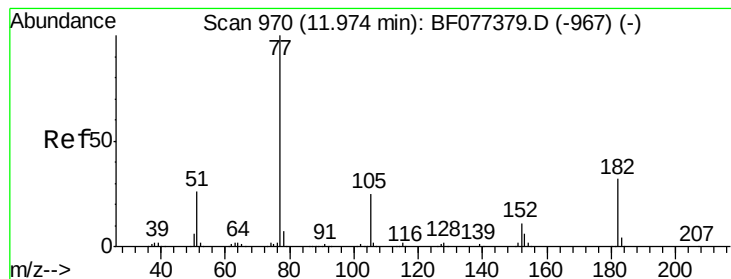
#61
 4-Nitroaniline
 Concen: 36.40 ng
 RT: 11.79 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

Tgt Ion: 138 Resp: 106141
 Ion Ratio Lower Upper
 138 100
 92 47.8 32.8 72.8
 108 66.7 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: 37.77 ng

RT: 11.97 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

Tgt Ion: 77 Resp: 464932

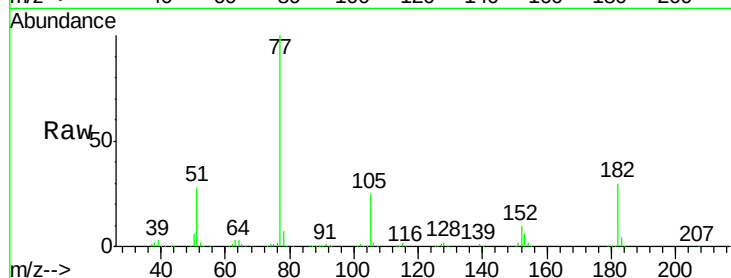
Ion Ratio Lower Upper

77 100

182 30.2 4.9 44.9

105 25.0 3.3 43.3

51 27.8 8.9 48.9

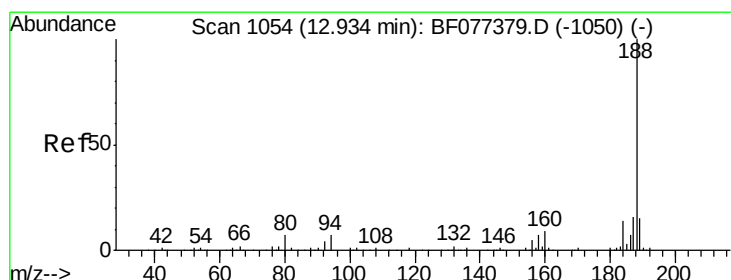
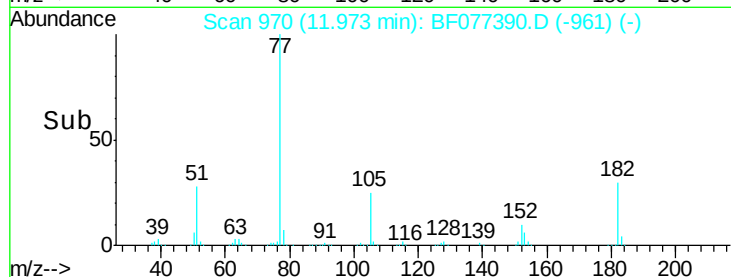
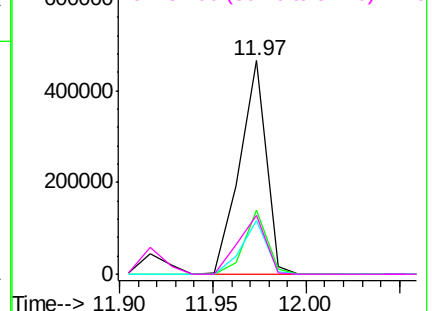


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.93 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

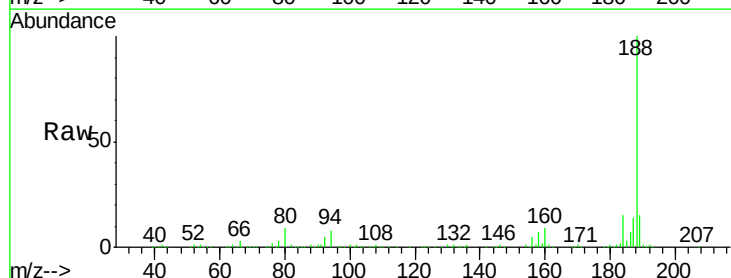
Tgt Ion: 188 Resp: 374246

Ion Ratio Lower Upper

188 100

94 7.9 7.4 11.2

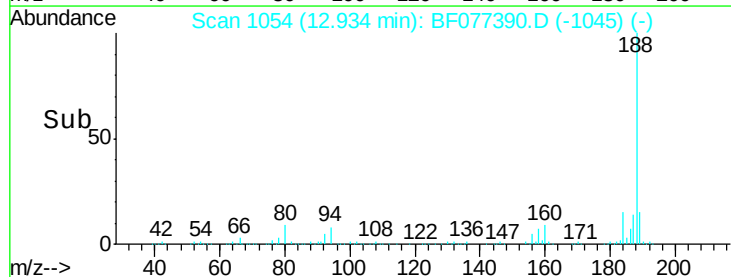
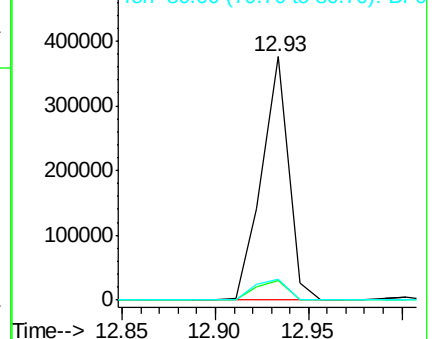
80 8.5 8.0 12.0

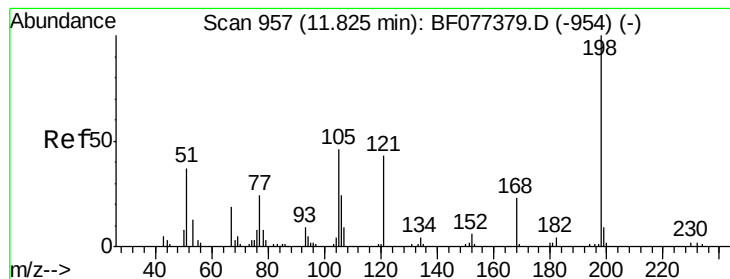


Abundance Ion 188.00 (187.70 to 188.70): E

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: 26.50 ng

RT: 11.82 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

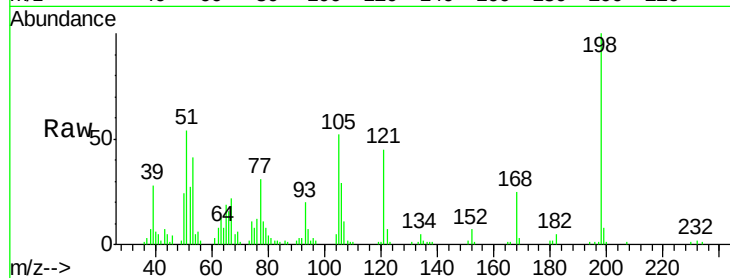
Tgt Ion:198 Resp: 36876

Ion Ratio Lower Upper

198 100

51 54.5 2.7 42.7#

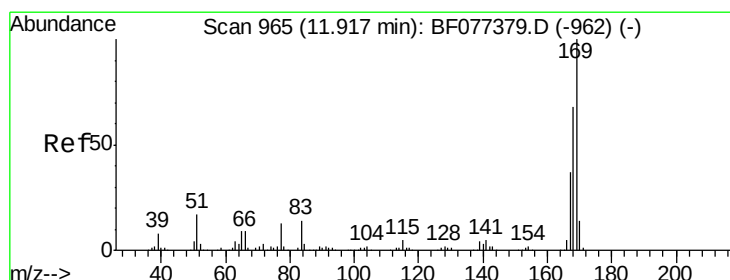
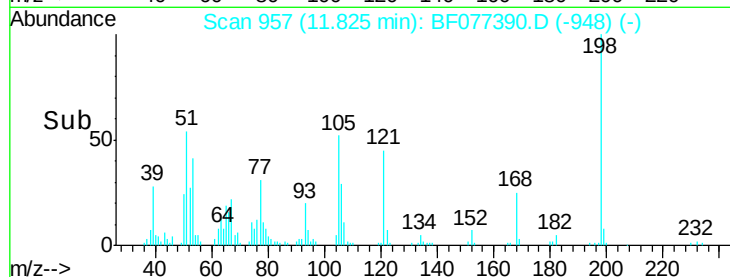
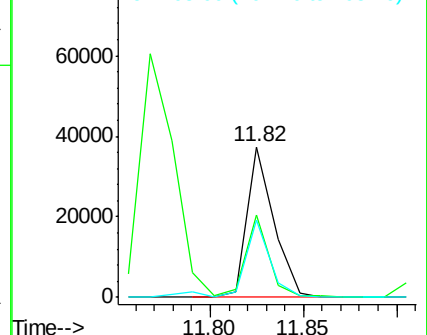
105 51.7 10.0 50.0#



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: 34.30 ng

RT: 11.92 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

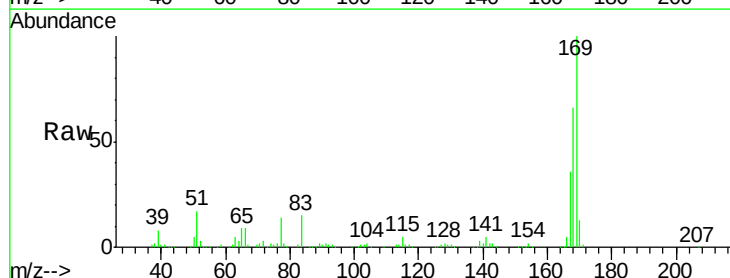
Tgt Ion:169 Resp: 425869

Ion Ratio Lower Upper

169 100

168 66.3 53.0 79.6

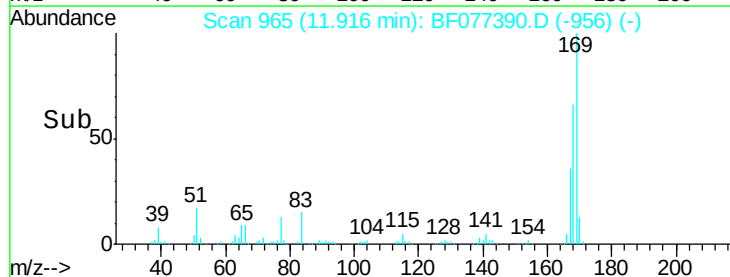
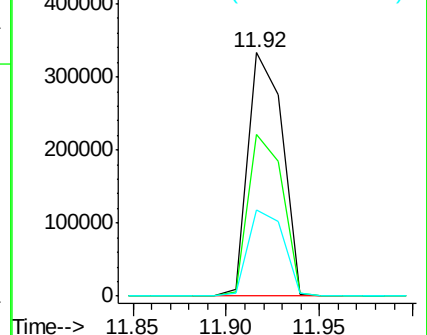
167 35.7 29.5 44.3

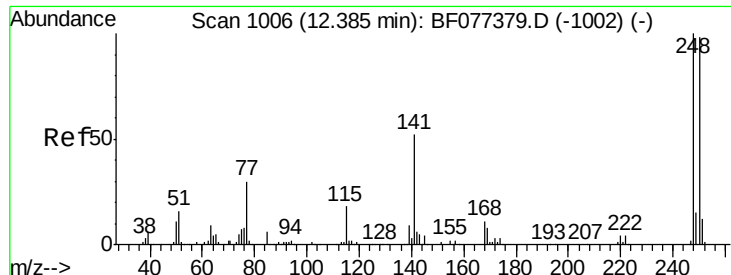


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

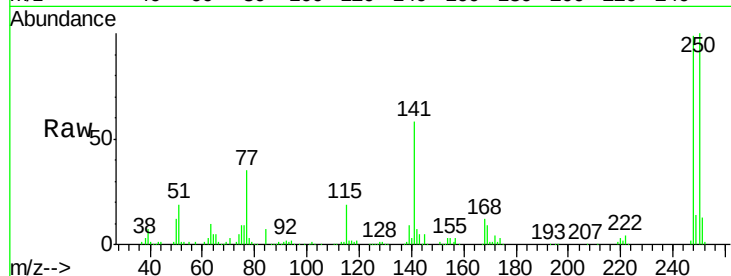




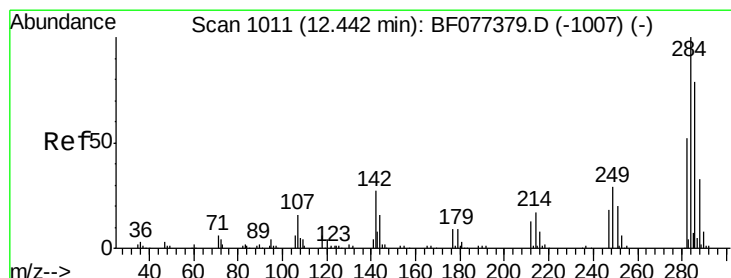
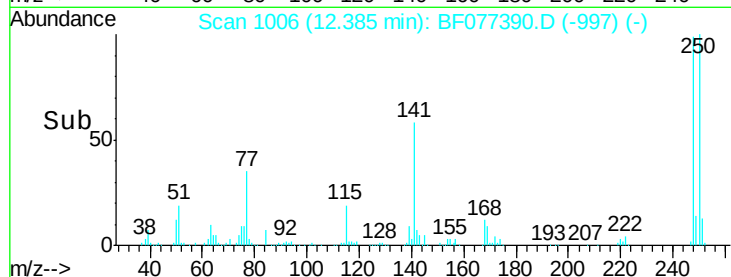
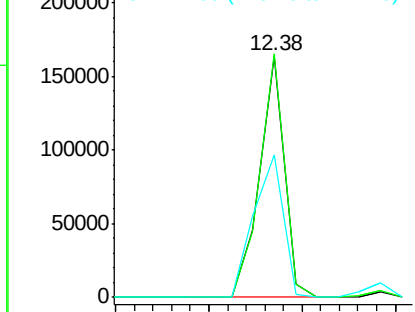
#66
 4-Bromophenyl-phenylether
 Concen: 34.20 ng
 RT: 12.38 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB81819BS

Tgt Ion:248 Resp: 149866
 Ion Ratio Lower Upper
 248 100
 250 100.8 78.0 117.0
 141 58.8 54.1 81.1

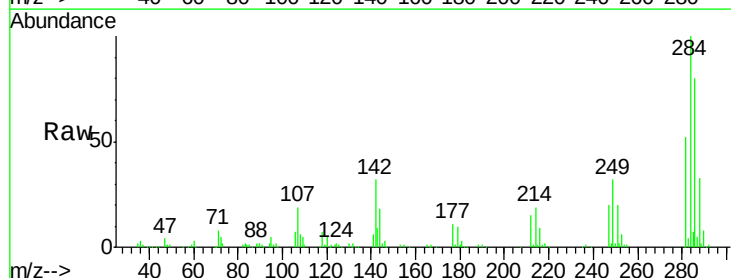


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

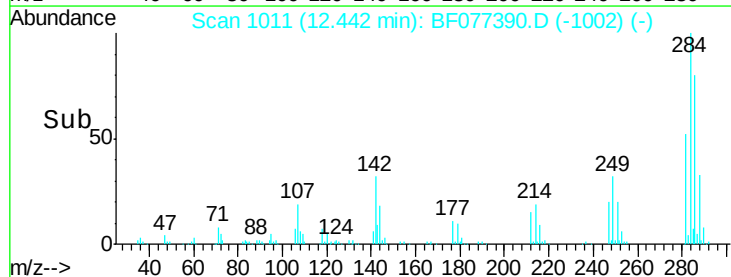
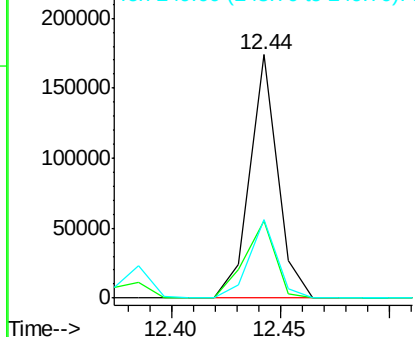


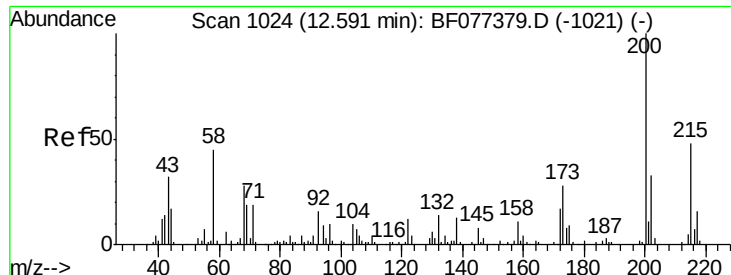
#67
 Hexachlorobenzene
 Concen: 32.87 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

Tgt Ion:284 Resp: 154632
 Ion Ratio Lower Upper
 284 100
 142 31.8 31.6 47.4
 249 32.3 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

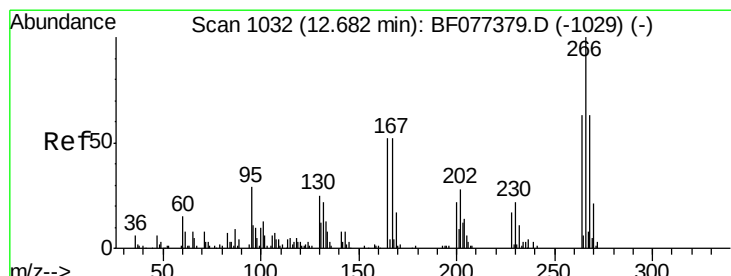
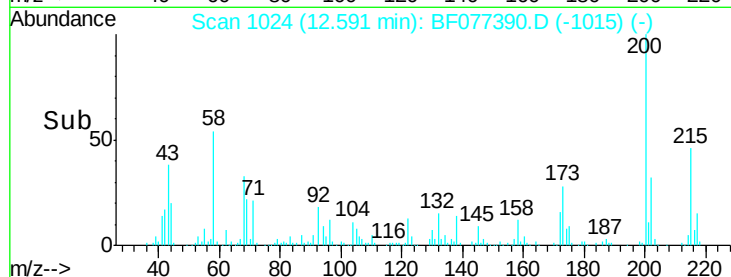
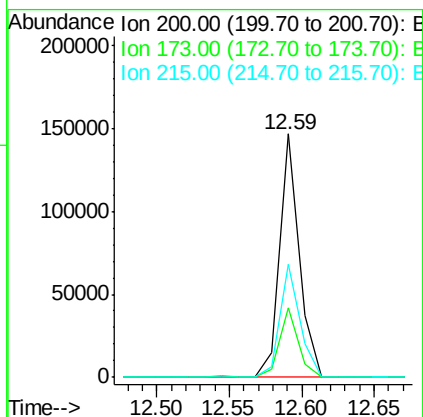
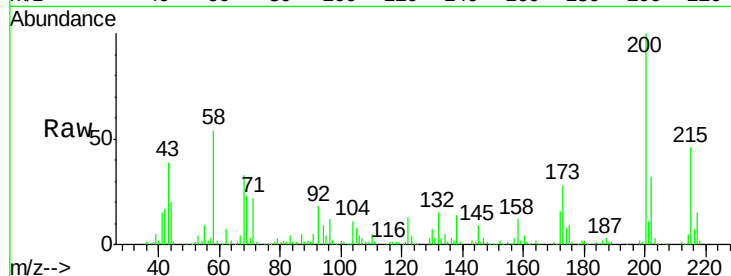




#68
 Atrazine
 Concen: 33.77 ng
 RT: 12.59 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

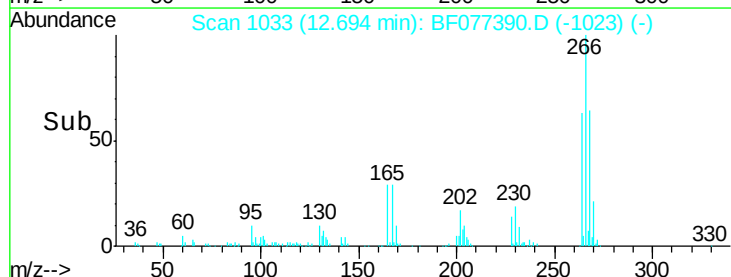
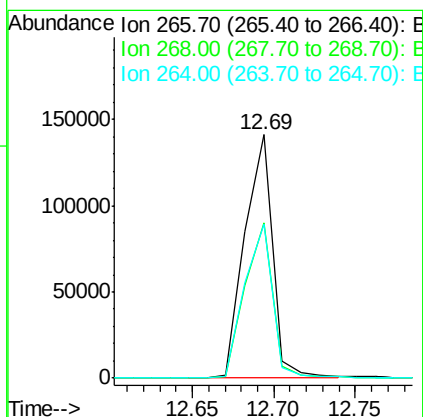
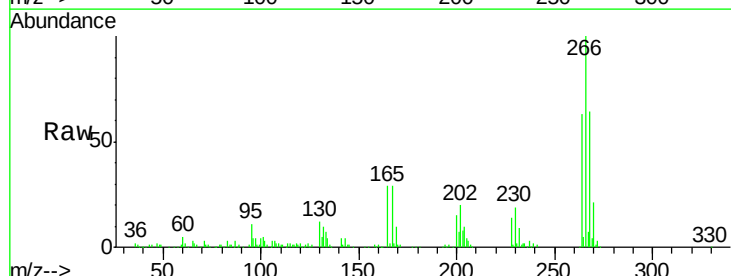
Instrument :
 BNA_F
 ClientSampleId :
 PB81819BS

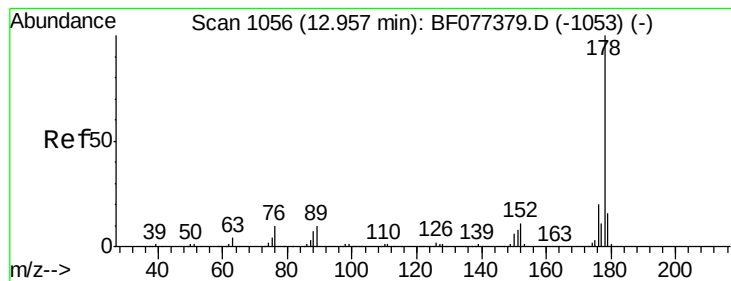
Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	9.6	49.6
215	46.2	24.4	64.4



#69
 Pentachlorophenol
 Concen: 67.65 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.2	76.8
264	63.1	50.7	76.1





#70

Phenanthrene

Concen: 33.29 ng

RT: 12.96 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

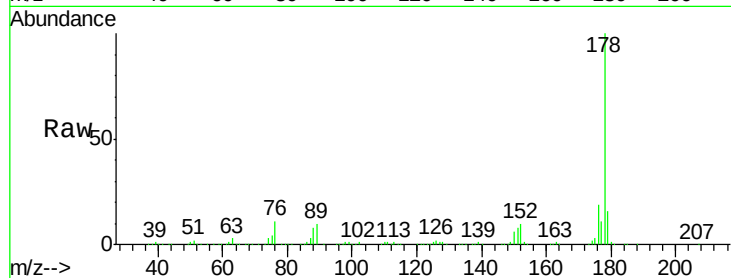
Tgt Ion:178 Resp: 722166

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

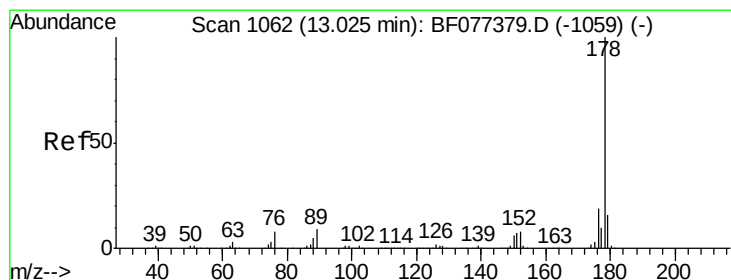
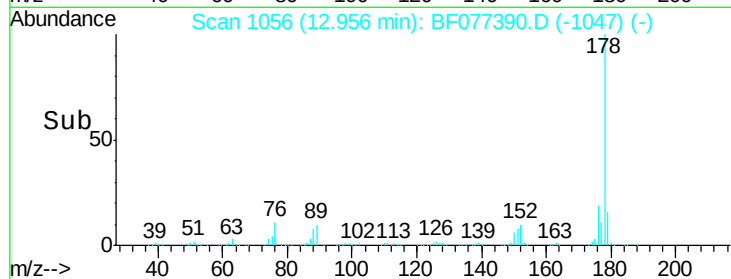
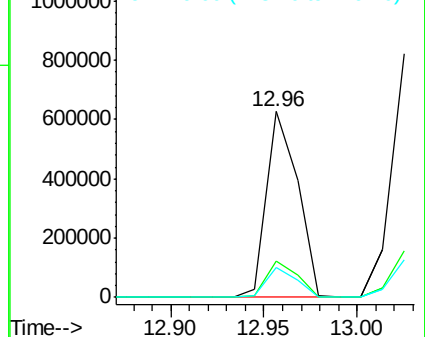
179 16.0 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 34.32 ng

RT: 13.03 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

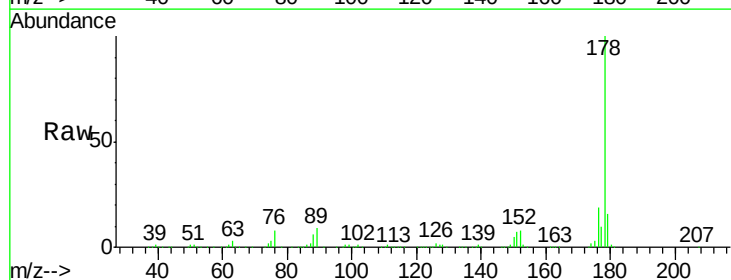
Tgt Ion:178 Resp: 738767

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

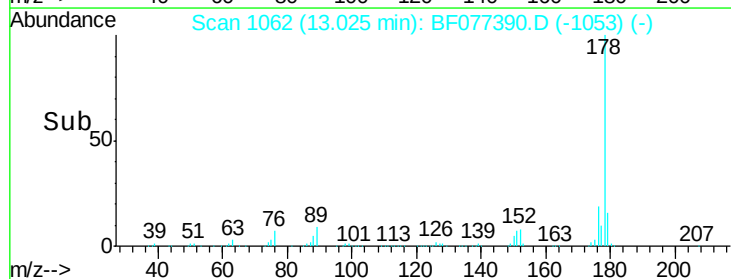
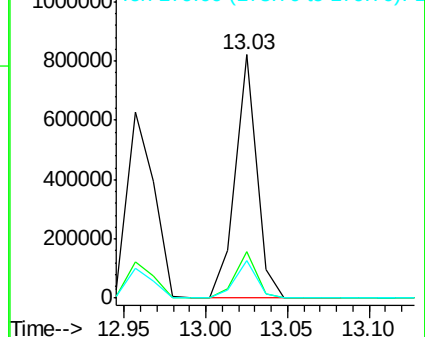
179 15.6 12.9 19.3

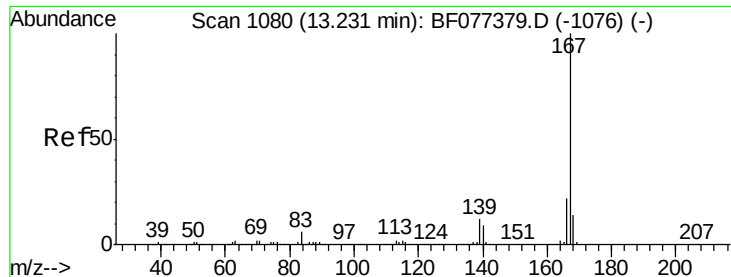


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

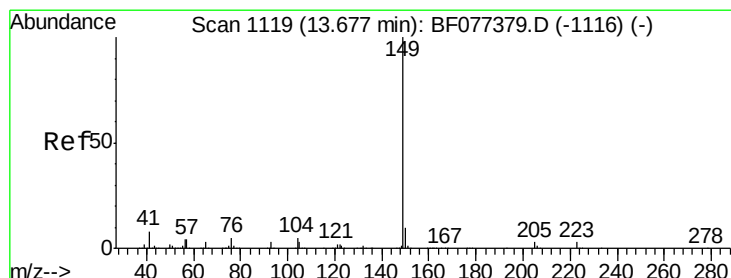
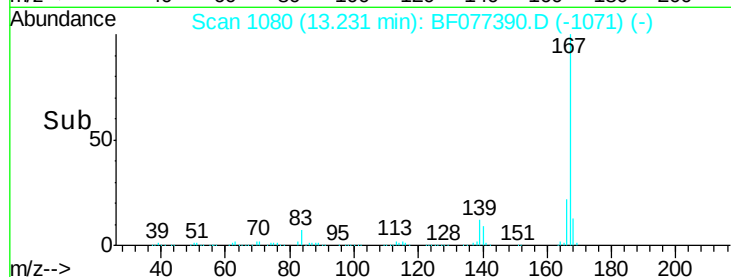
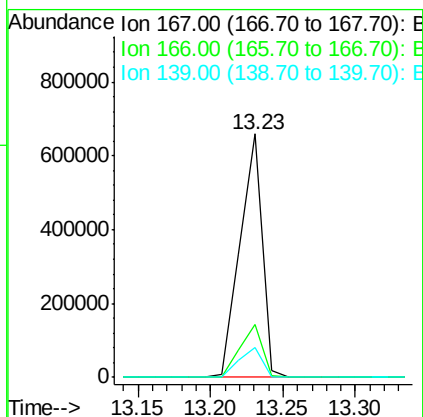
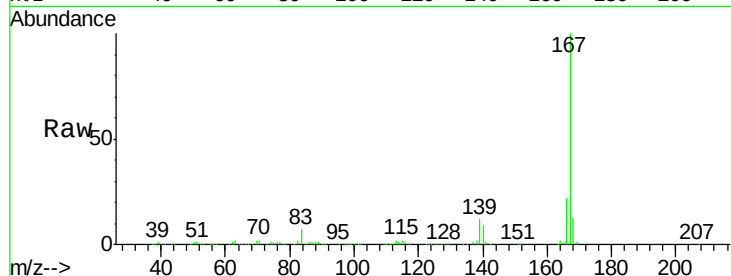




#72
 Carbazole
 Concen: 34.24 ng
 RT: 13.23 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

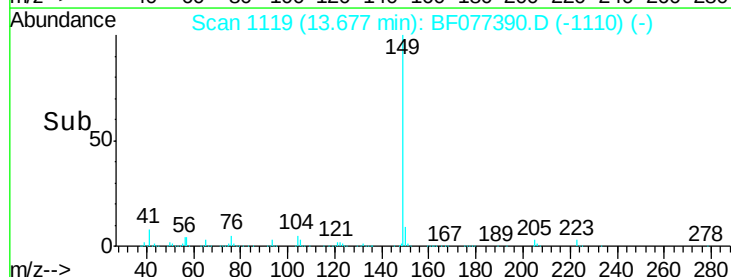
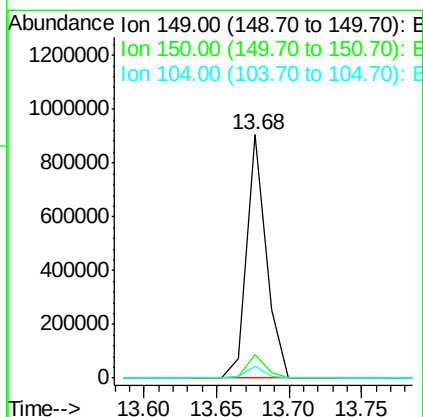
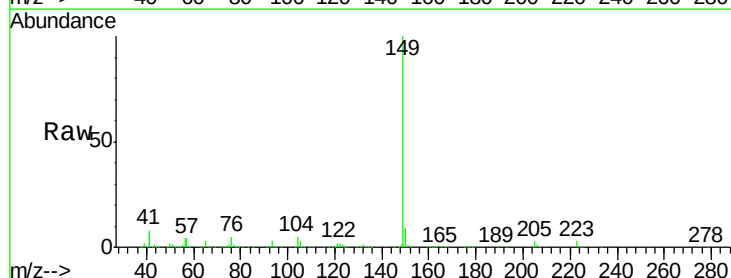
Instrument :
 BNA_F
 ClientSampleId :
 PB81819BS

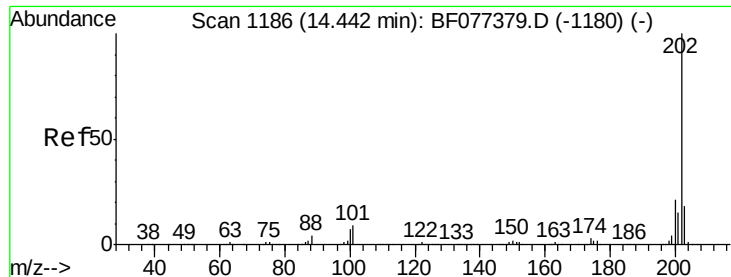
Tgt Ion:	167	Resp:	700807
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.1	9.9	14.9



#73
 Di-n-butylphthalate
 Concen: 35.21 ng
 RT: 13.68 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

Tgt Ion:	149	Resp:	846190
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.8
104	4.9	4.1	6.1

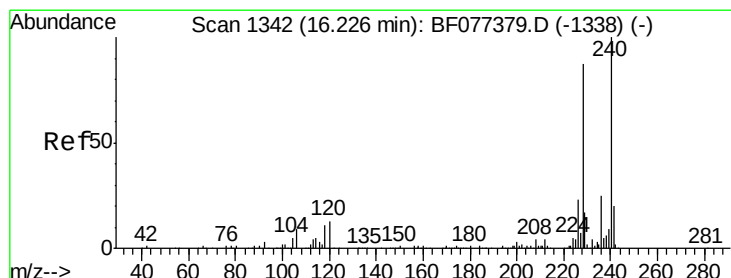
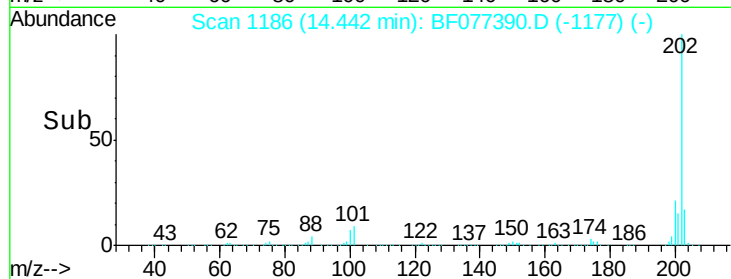
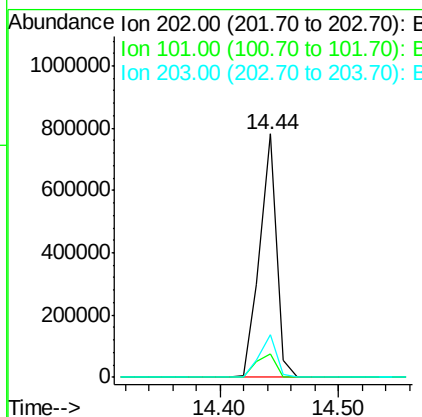
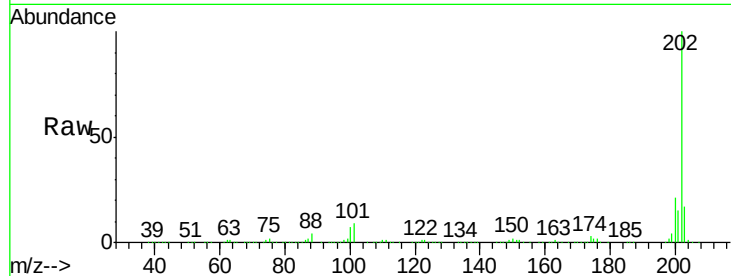




#74
 Fluoranthene
 Concen: 33.18 ng
 RT: 14.44 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

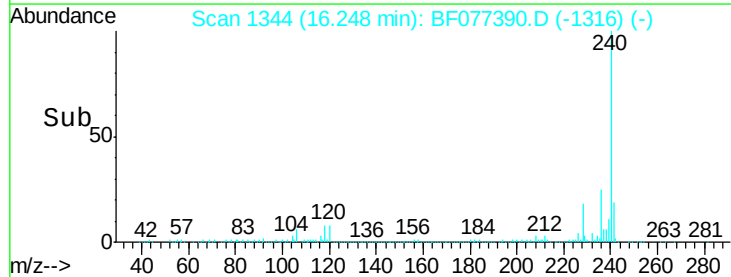
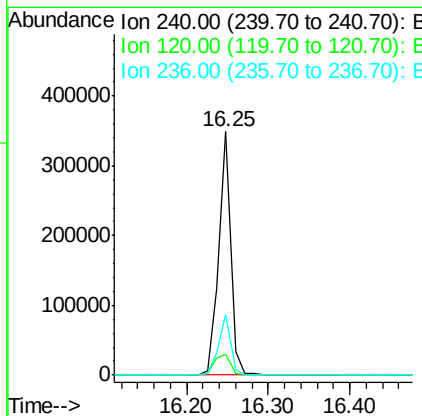
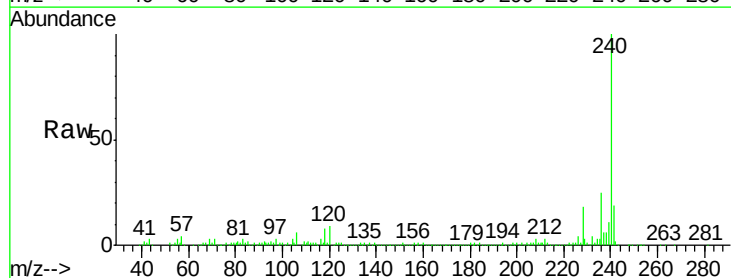
Instrument :
 BNA_F
 ClientSampled :
 PB81819BS

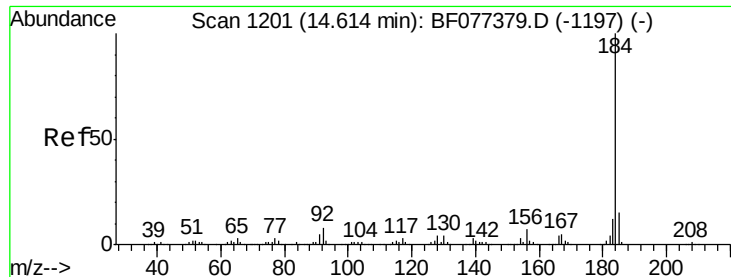
Tgt Ion:	202	Resp:	786087
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.8
203	17.4	0.0	37.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.25 min Scan# 1344
 Delta R.T. 0.02 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

Tgt Ion:	240	Resp:	356941
Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.8	13.2#
236	25.1	20.7	31.1





#76

Benzidine

Concen: 29.46 ng

RT: 14.61 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

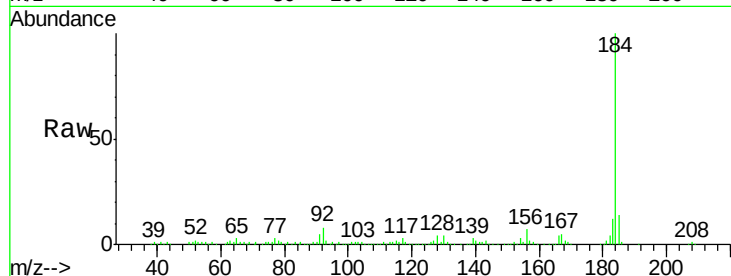
Tgt Ion:184 Resp: 355268

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

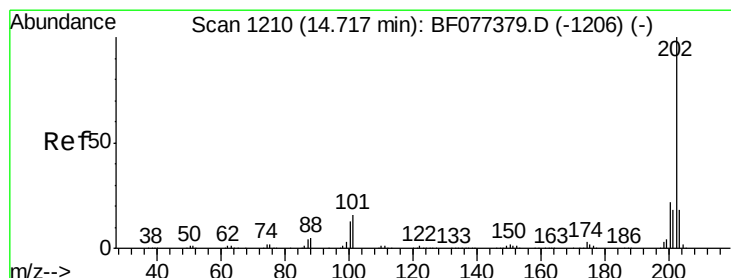
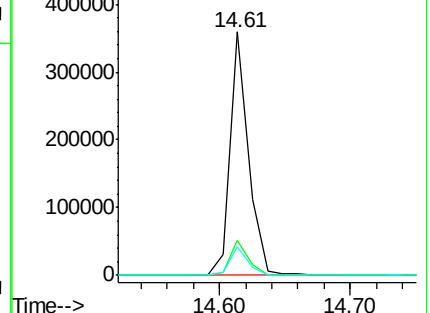
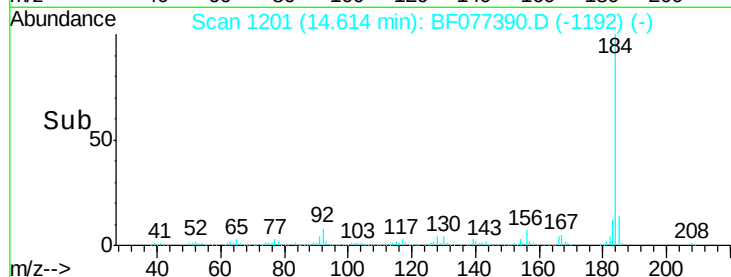
183 11.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 36.17 ng

RT: 14.72 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

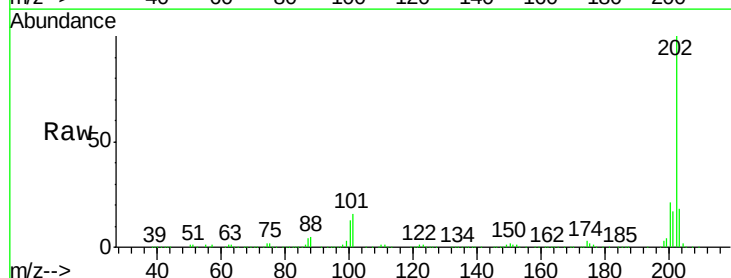
Tgt Ion:202 Resp: 789702

Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

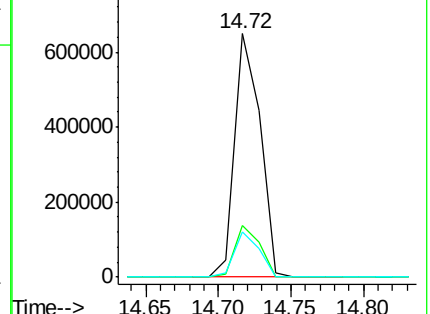
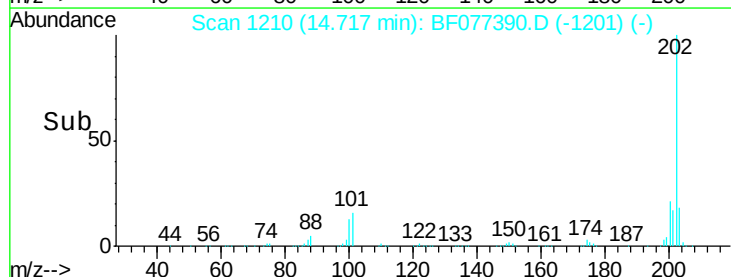
203 18.5 14.2 21.2

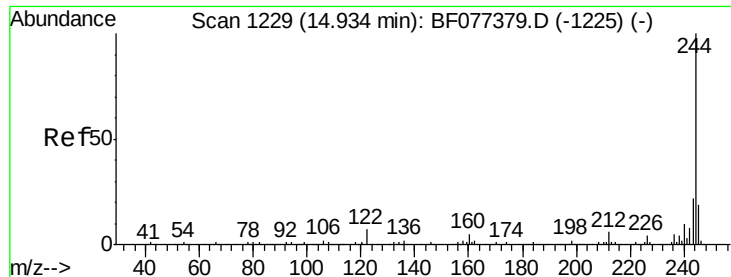


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

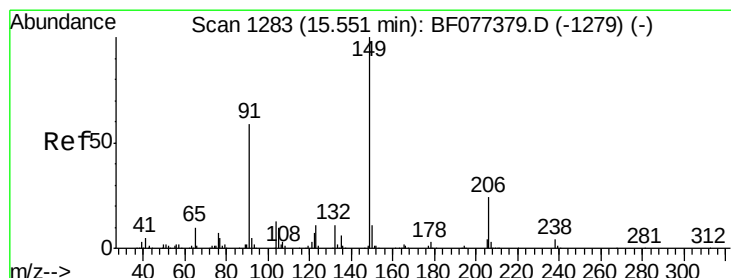
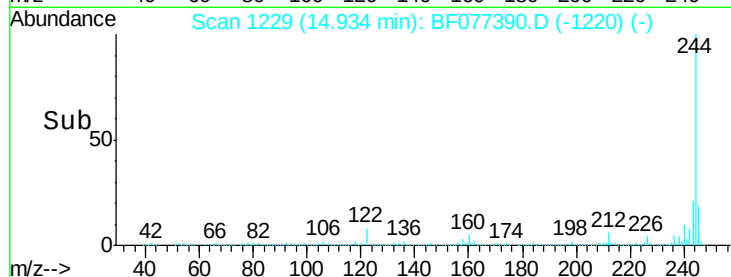
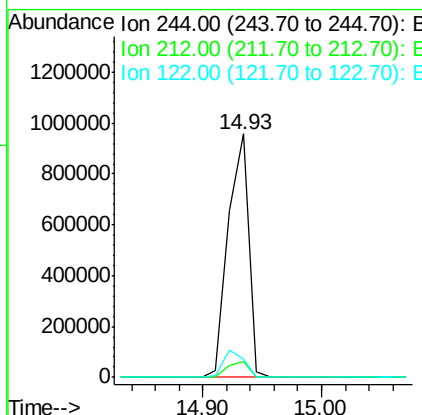
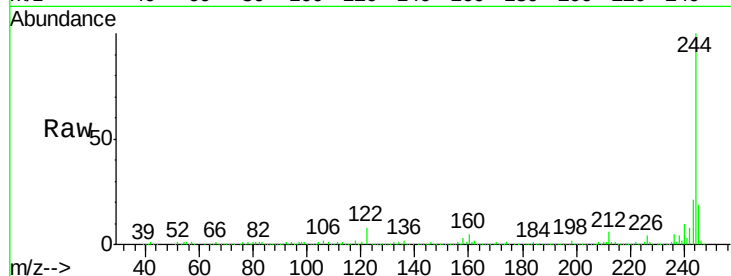




#78
 Terphenyl-d14
 Concen: 75.08 ng
 RT: 14.93 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

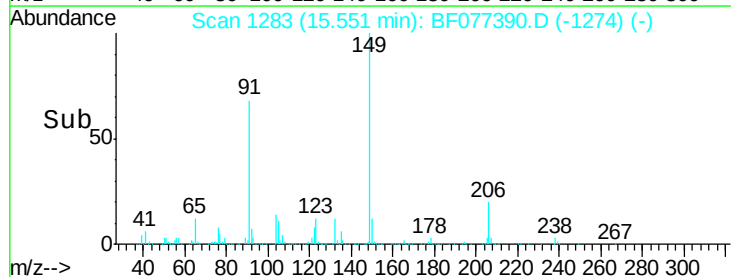
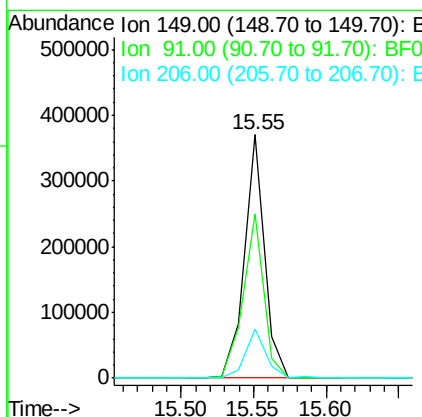
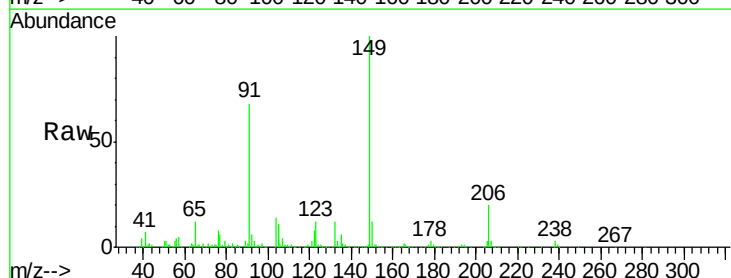
Instrument :
 BNA_F
 ClientSampleId :
 PB81819BS

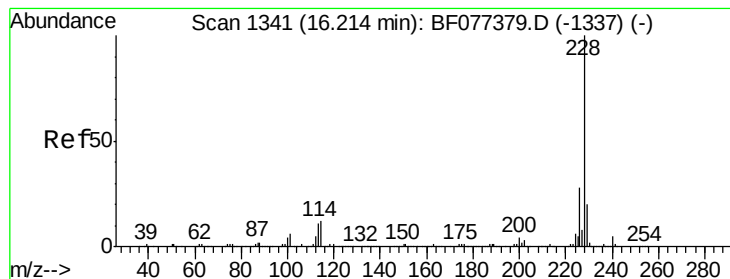
Tgt Ion:244 Resp: 1146337
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 7.8 7.8 11.8#



#79
 Butylbenzylphthalate
 Concen: 39.25 ng
 RT: 15.55 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF077390.D
 Acq: 20 Feb 2015 19:11

Tgt Ion:149 Resp: 352611
 Ion Ratio Lower Upper
 149 100
 91 67.7 51.2 76.8
 206 20.2 17.8 26.8





#80

Benzo(a)anthracene

Concen: 34.92 ng

RT: 16.24 min Scan# 1343

Delta R.T. 0.02 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

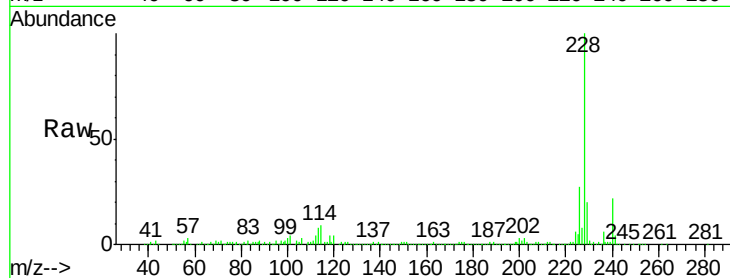
Tgt Ion:228 Resp: 730432

Ion Ratio Lower Upper

228 100

226 27.1 22.0 33.0

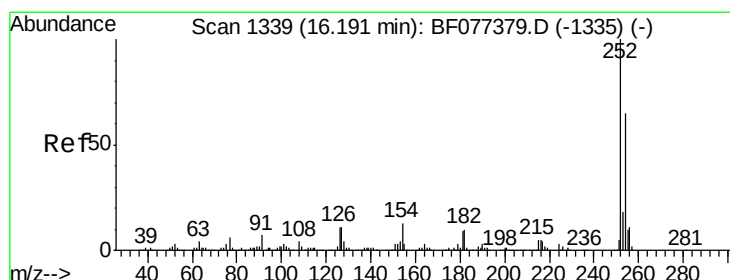
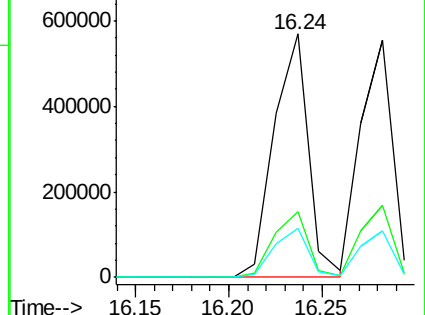
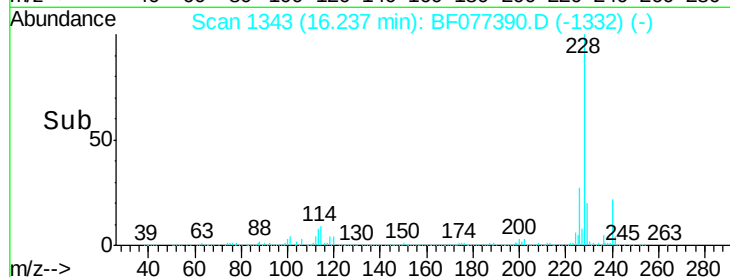
229 20.0 15.8 23.8



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: 22.02 ng

RT: 16.20 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

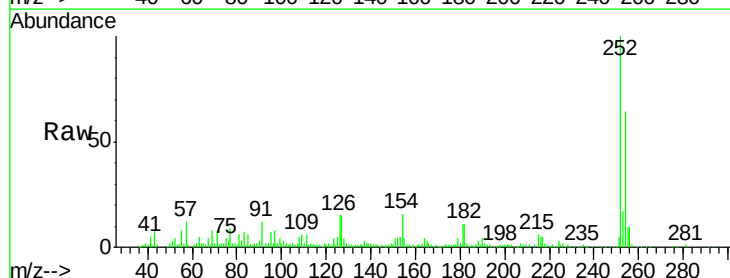
Tgt Ion:252 Resp: 168826

Ion Ratio Lower Upper

252 100

254 64.3 52.9 79.3

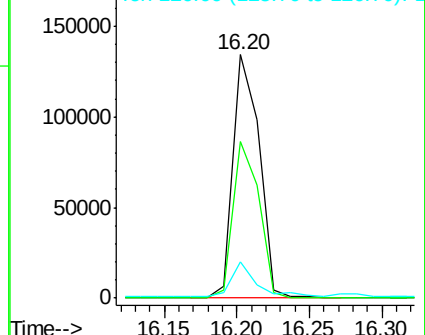
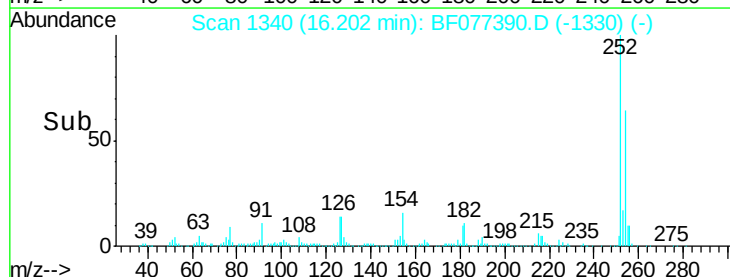
126 14.9 7.3 10.9#

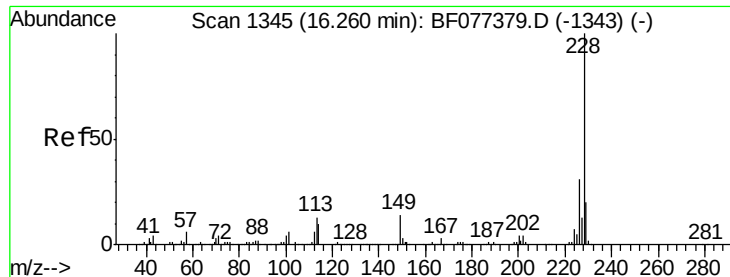


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 33.45 ng

RT: 16.28 min Scan# 1347

Delta R.T. 0.02 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

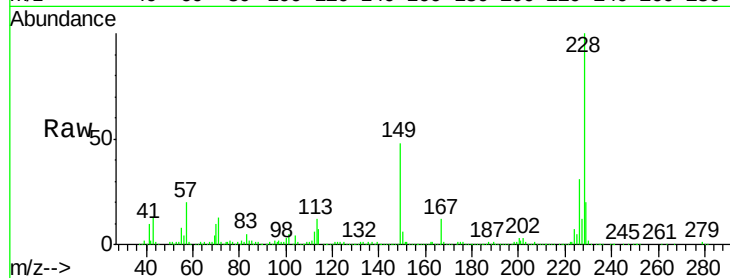
Tgt Ion:228 Resp: 657039

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

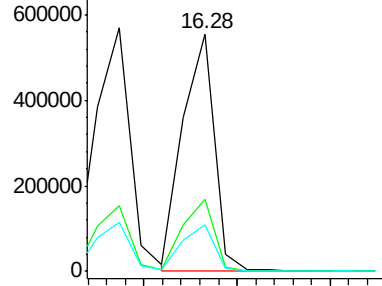
229 19.8 16.4 24.6



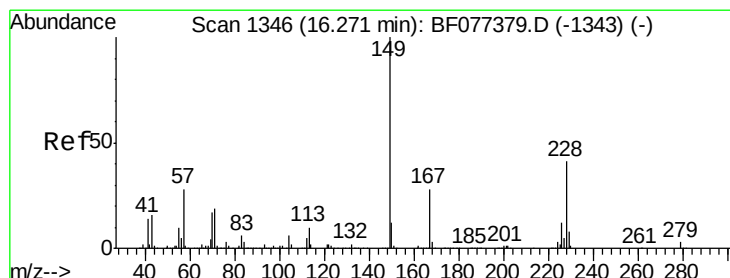
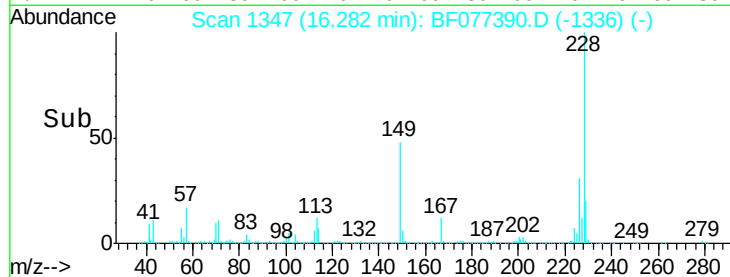
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 36.66 ng

RT: 16.29 min Scan# 1348

Delta R.T. 0.02 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

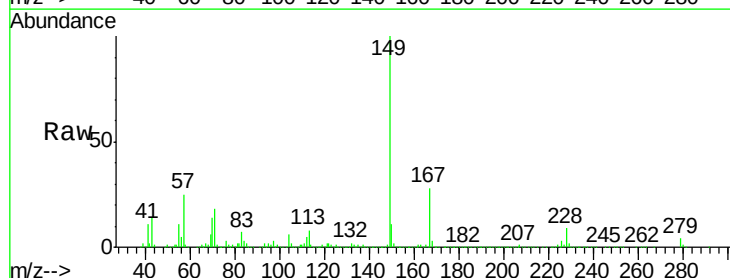
Tgt Ion:149 Resp: 528014

Ion Ratio Lower Upper

149 100

167 27.6 22.8 34.2

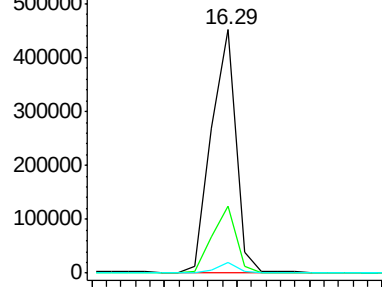
279 4.2 3.8 5.6



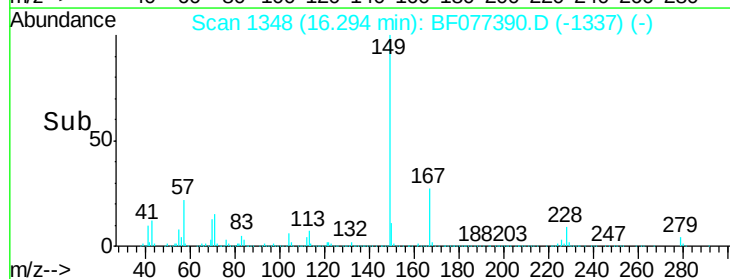
Abundance Ion 149.00 (148.70 to 149.70): E

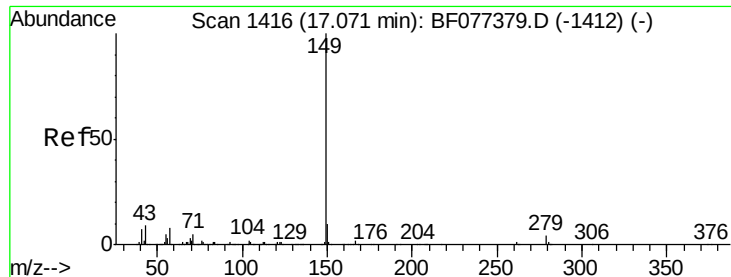
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#84

Di-n-octyl phthalate

Concen: 36.87 ng

RT: 17.12 min Scan# 1420

Delta R.T. 0.05 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

Instrument :

BNA_F

ClientSampleId :

PB81819BS

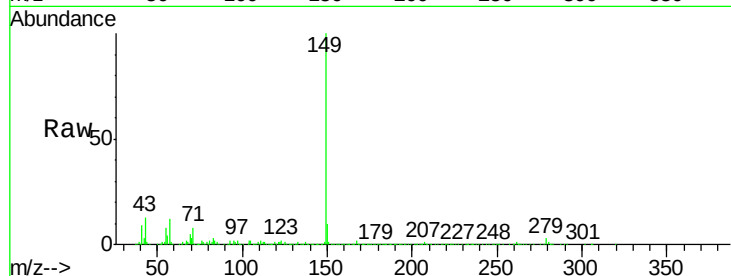
Tgt Ion:149 Resp: 886594

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

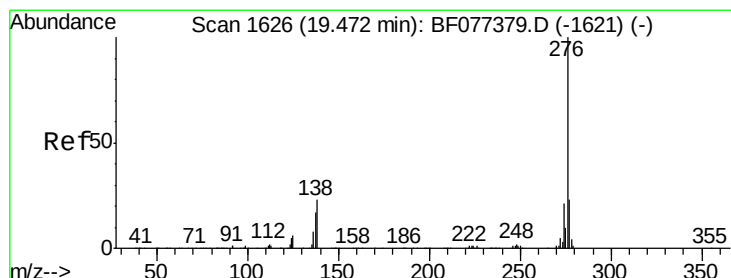
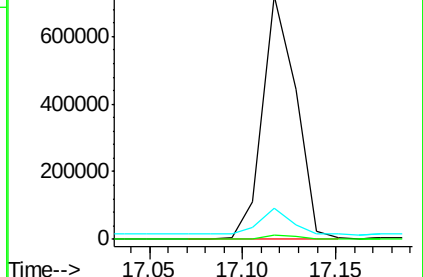
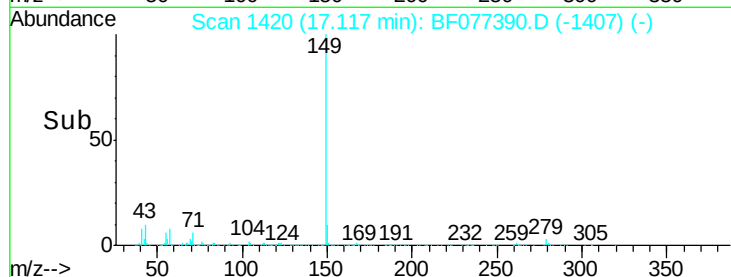
43 10.0 8.1 12.1



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 34.28 ng m

RT: 19.57 min Scan# 1635

Delta R.T. 0.10 min

Lab File: BF077390.D

Acq: 20 Feb 2015 19:11

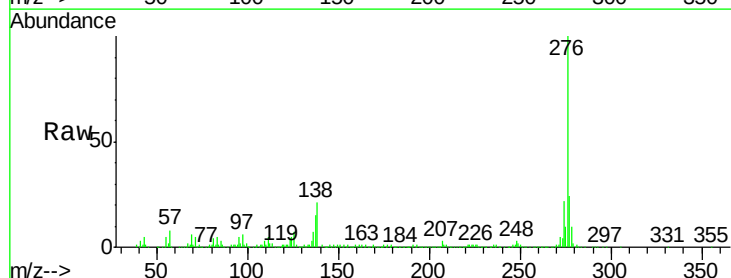
Tgt Ion:276 Resp: 767775

Ion Ratio Lower Upper

276 100

138 0.0 21.2 31.8#

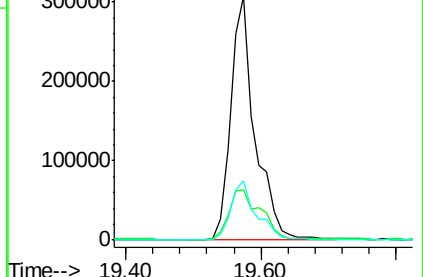
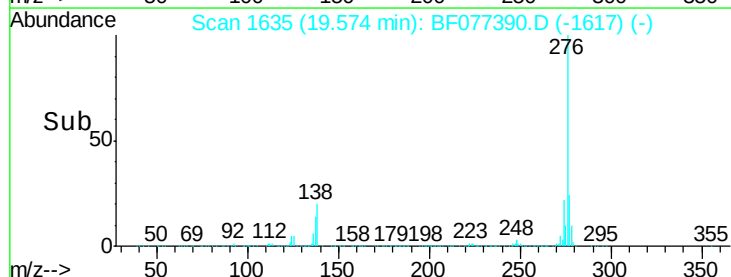
277 0.0 20.0 30.0#

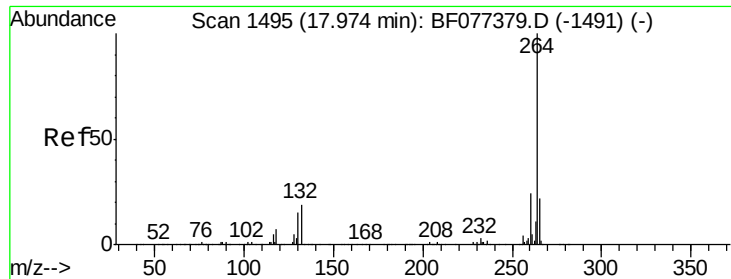


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

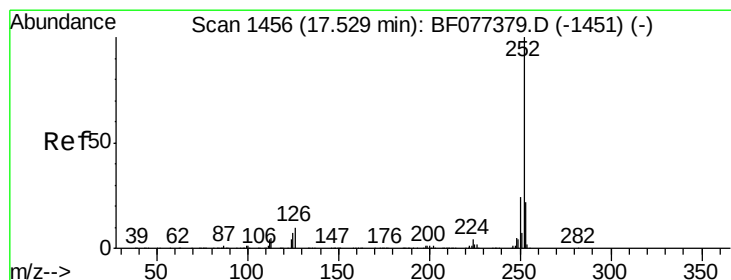
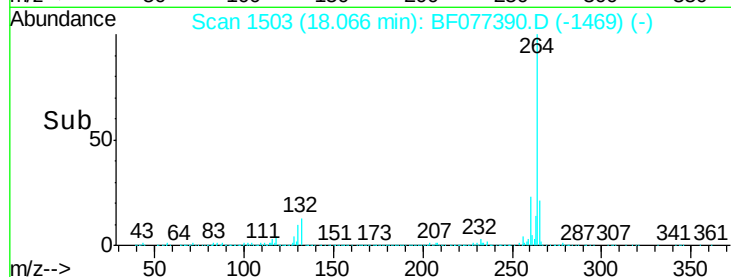
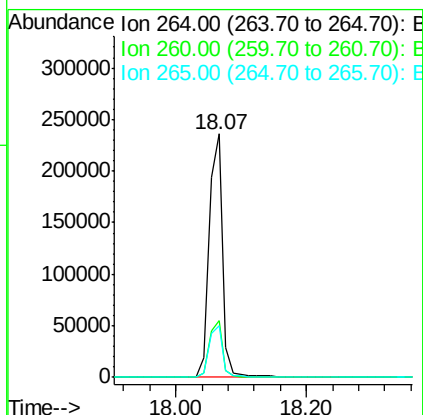
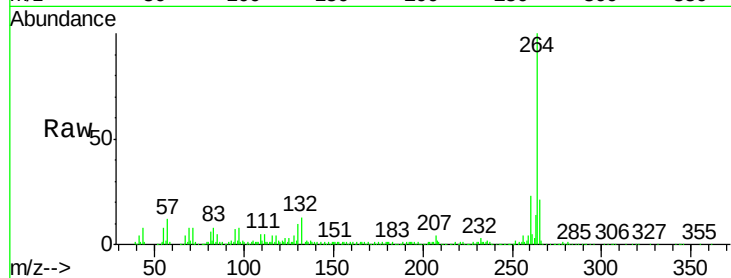




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.07 min Scan# 1503
Delta R.T. 0.09 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

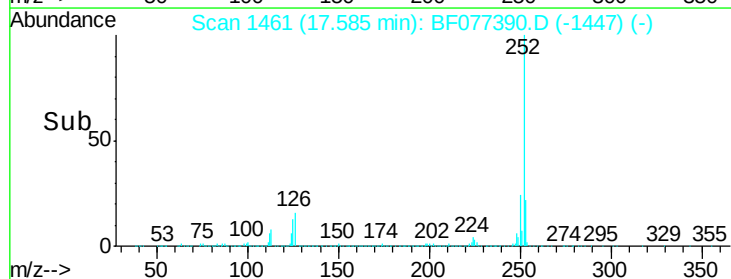
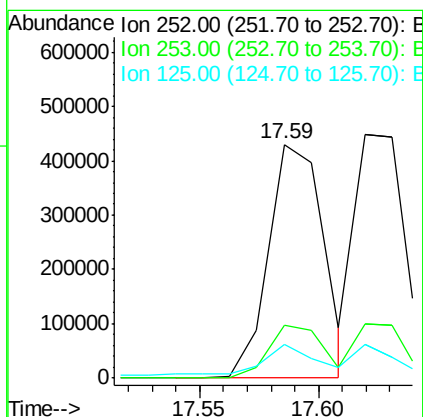
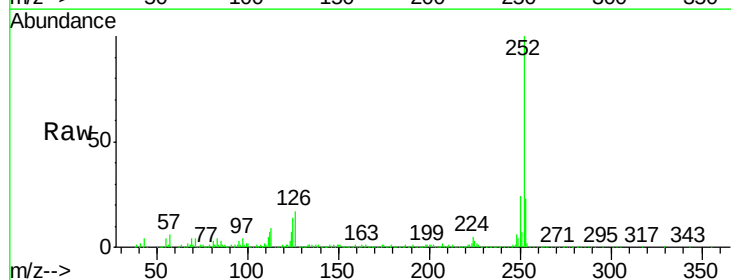
Instrument :
BNA_F
ClientSampleId :
PB81819BS

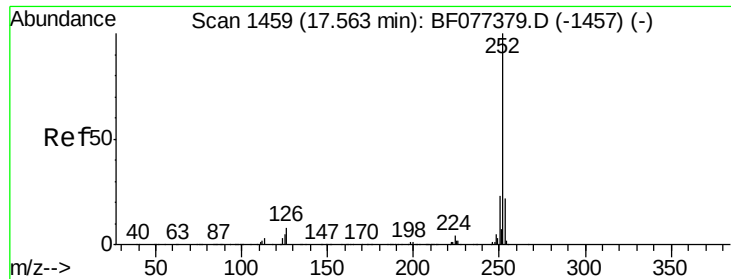
Tgt Ion: 264 Resp: 336582
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 21.1 16.8 25.2



#87
Benzo(b)fluoranthene
Concen: 35.42 ng m
RT: 17.59 min Scan# 1461
Delta R.T. 0.06 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

Tgt Ion: 252 Resp: 693308
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 14.2 5.4 8.2#

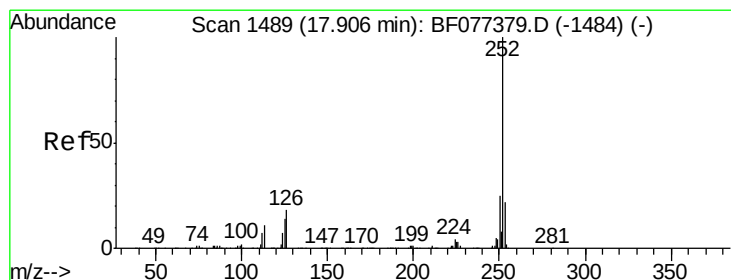
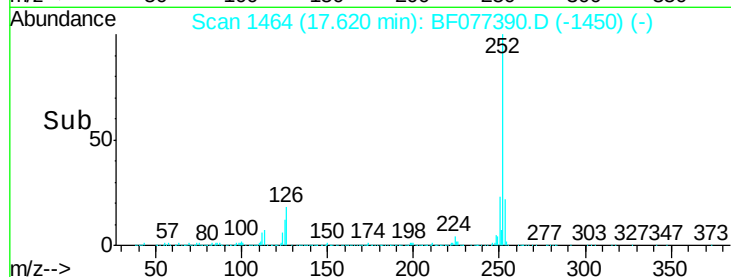
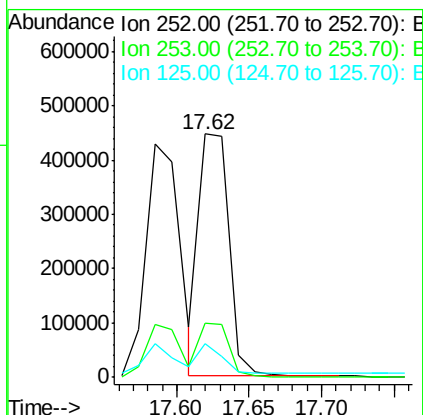
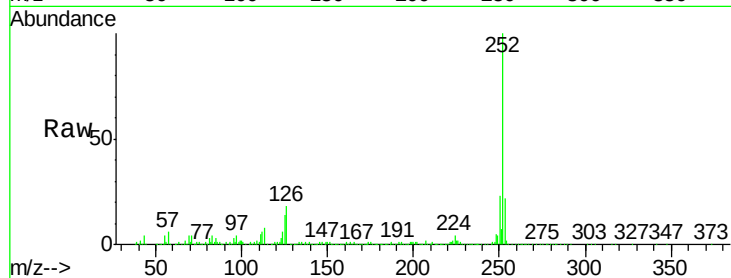




#88
Benzo(k)fluoranthene
Concen: 33.69 ng
RT: 17.62 min Scan# 1464
Delta R.T. 0.06 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

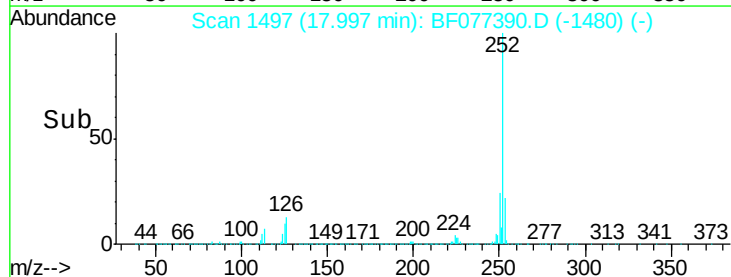
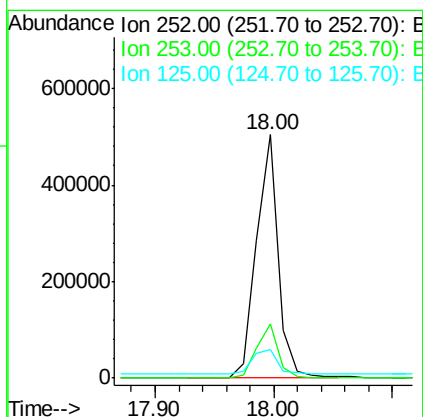
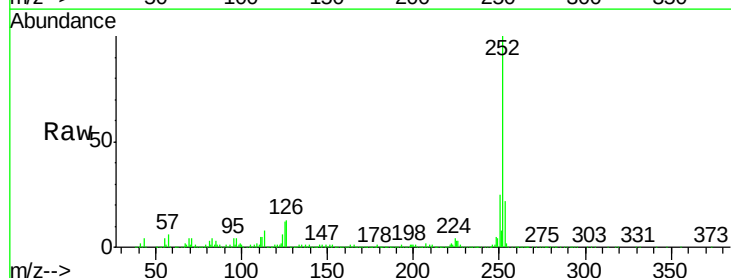
Instrument :
BNA_F
ClientSampleId :
PB81819BS

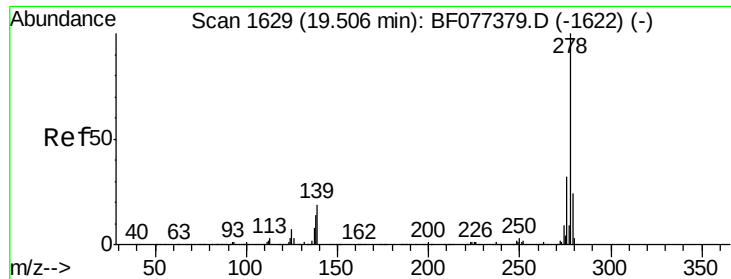
Tgt Ion:252 Resp: 646267
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 13.7 10.1 15.1



#89
Benzo(a)pyrene
Concen: 34.61 ng
RT: 18.00 min Scan# 1497
Delta R.T. 0.09 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

Tgt Ion:252 Resp: 645184
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 11.6 8.3 12.5



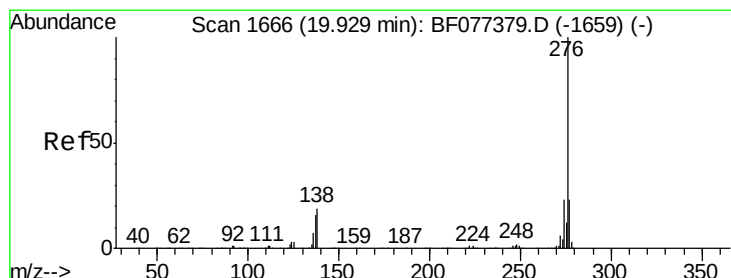
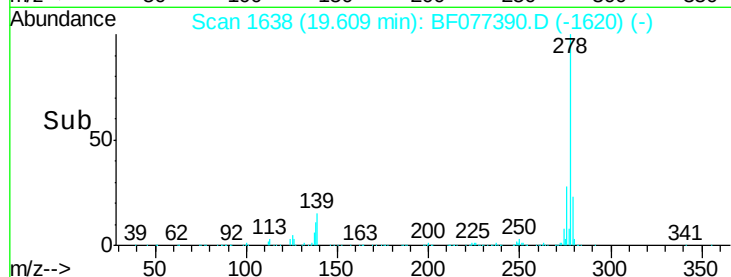
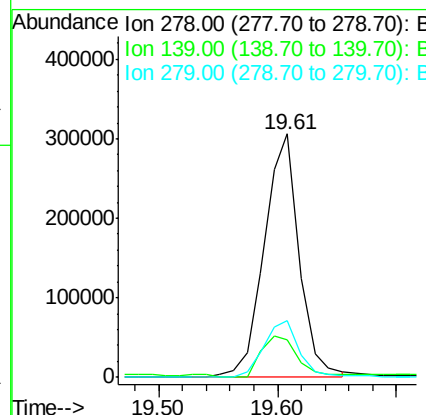
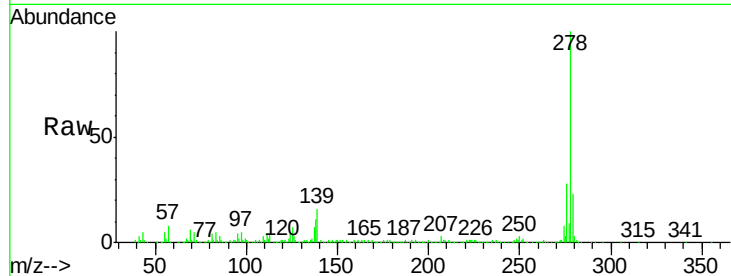


#90
Dibenzo(a,h)anthracene
Concen: 35.23 ng
RT: 19.61 min Scan# 1638
Delta R.T. 0.10 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

Instrument :
BNA_F
ClientSampleId :
PB81819BS

Tgt Ion:278 Resp: 626333

Ion	Ratio	Lower	Upper
278	100		
139	15.7	14.3	21.5
279	23.3	19.0	28.6



#91
Benzo(g,h,i)perylene
Concen: 34.63 ng
RT: 20.02 min Scan# 1674
Delta R.T. 0.09 min
Lab File: BF077390.D
Acq: 20 Feb 2015 19:11

Tgt Ion:276 Resp: 621414

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	21.9	20.5	30.7

