

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077473.D
 Acq On : 26 Feb 2015 19:03
 Operator : TP/IZ
 Sample : PB81898BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81898BS

Quant Time: Feb 27 03:15:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 17:14:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	62491	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	249557	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	123256	20.00	ng	-0.01
63) Phenanthrene-d10	12.87	188	243830	20.00	ng	0.00
75) Chrysene-d12	16.16	240	279693	20.00	ng	-0.02
86) Perylene-d12	17.89	264	277764	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	467932	125.01	ng	0.00
7) Phenol-d6	6.83	99	606509	126.02	ng	0.00
23) Nitrobenzene-d5	7.96	82	352809	87.91	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	159466	134.37	ng	-0.01
44) 2-Fluorobiphenyl	10.19	172	744776	94.22	ng	0.00
78) Terphenyl-d14	14.87	244	942701	78.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	61324	38.61	ng	# 89
3) Pyridine	2.94	79	168270	37.03	ng	95
4) n-Nitrosodimethylamine	2.86	42	76769	38.86	ng	95
6) Aniline	6.85	93	140874	21.18	ng	95
8) 2-Chlorophenol	7.00	128	176742	40.02	ng	88
10) Phenol	6.84	94	226672	39.69	ng	92
11) bis(2-Chloroethyl)ether	6.96	93	165646	40.37	ng	93
12) 1,3-Dichlorobenzene	7.20	146	189283	39.36	ng	# 89
13) 1,4-Dichlorobenzene	7.29	146	190088	38.86	ng	97
14) 1,2-Dichlorobenzene	7.47	146	184057	39.55	ng	98
15) Benzyl Alcohol	7.45	79	146522	40.05	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.63	45	230475	39.29	ng	99
17) 2-Methylphenol	7.60	107	140098	40.59	ng	100
18) Hexachloroethane	7.89	117	65484	40.08	ng	96
19) n-Nitroso-di-n-propylamine	7.78	70	113934	37.28	ng	97
20) 3+4-Methylphenols	7.78	107	181633	39.96	ng	# 77
22) Acetophenone	7.78	105	234454	39.94	ng	# 91
24) Nitrobenzene	7.98	77	181602	43.01	ng	95
25) Isophorone	8.28	82	320726	40.28	ng	98
26) 2-Nitrophenol	8.37	139	80743	46.66	ng	95
27) 2,4-Dimethylphenol	8.44	122	147158	38.01	ng	96
28) bis(2-Chloroethoxy)methane	8.56	93	193566	38.48	ng	97
29) 2,4-Dichlorophenol	8.67	162	151684	41.74	ng	94
30) 1,2,4-Trichlorobenzene	8.77	180	158499	39.67	ng	99
31) Naphthalene	8.86	128	509176	40.80	ng	100
32) Benzoic acid	8.53	122	81890	43.53	ng	98
33) 4-Chloroaniline	8.94	127	112207	20.22	ng	96
34) Hexachlorobutadiene	9.02	225	92039	40.35	ng	99
35) Caprolactam	9.36	113	43531	39.24	ng	96
36) 4-Chloro-3-methylphenol	9.55	107	147127	40.27	ng	91
37) 2-Methylnaphthalene	9.73	142	351689	39.68	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.94	216	159185	45.01	ng	99
40) Hexachlorocyclopentadiene	9.93	237	170759	90.05	ng	100
42) 2,4,6-Trichlorophenol	10.08	196	105997	45.26	ng	99

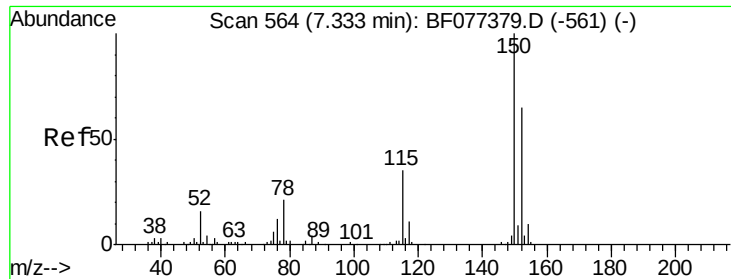
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.12	196	114508	45.72	ng	# 91
45) 1,1'-Biphenyl	10.32	154	428440	45.88	ng	99
46) 2-Chloronaphthalene	10.33	162	324370	44.29	ng	99
47) 2-Nitroaniline	10.46	65	88430	49.05	ng	# 56
48) Acenaphthylene	10.84	152	528581	45.59	ng	99
49) Dimethylphthalate	10.70	163	393997	45.48	ng	97
50) 2,6-Dinitrotoluene	10.77	165	86076	49.54	ng	92
51) Acenaphthene	11.06	154	315396	45.59	ng	99
52) 3-Nitroaniline	10.97	138	62515	31.21	ng	97
53) 2,4-Dinitrophenol	11.10	184	60748	114.90	ng	# 87
54) Dibenzofuran	11.28	168	479308	44.87	ng	99
55) 4-Nitrophenol	11.18	139	160908	99.87	ng	82
56) 2,4-Dinitrotoluene	11.26	165	113127	48.18	ng	# 86
57) Fluorene	11.70	166	379941	44.49	ng	97
58) 2,3,4,6-Tetrachlorophenol	11.42	232	96963	48.16	ng	97
59) Diethylphthalate	11.57	149	374888	43.89	ng	97
60) 4-Chlorophenyl-phenylether	11.71	204	182487	44.35	ng	96
61) 4-Nitroaniline	11.72	138	85525	44.54	ng	98
62) Azobenzene	11.90	77	352272	43.47	ng	100
64) 4,6-Dinitro-2-methylphenol	11.77	198	40836	42.44	ng	93
65) n-Nitrosodiphenylamine	11.86	169	343207	42.42	ng	99
66) 4-Bromophenyl-phenylether	12.32	248	115154	40.33	ng	99
67) Hexachlorobenzene	12.37	284	120071	39.18	ng	97
68) Atrazine	12.53	200	111947	42.56	ng	93
69) Pentachlorophenol	12.63	266	138585	86.04	ng	99
70) Phenanthrene	12.89	178	580978	41.11	ng	99
71) Anthracene	12.96	178	597096	42.58	ng	99
72) Carbazole	13.16	167	576919	43.26	ng	99
73) Di-n-butylphthalate	13.62	149	629648	40.21	ng	# 97
74) Fluoranthene	14.37	202	654727	42.41	ng	96
76) Benzidine	14.55	184	287013	30.37	ng	98
77) Pyrene	14.65	202	677935	39.62	ng	99
79) Butylbenzylphthalate	15.48	149	294096	41.78	ng	95
80) Benzo(a)anthracene	16.15	228	685969	41.85	ng	99
81) 3,3'-Dichlorobenzidine	16.12	252	143026	23.81	ng	98
82) Chrysene	16.19	228	627694	40.78	ng	97
83) Bis(2-ethylhexyl)phthalate	16.20	149	432346	38.30	ng	97
84) Di-n-octyl phthalate	17.00	149	755184	40.07	ng	98
87) Benzo(b)fluoranthene	17.45	252	633401	39.21	ng	# 97
88) Benzo(k)fluoranthene	17.45	252	633401	40.01	ng	97
89) Benzo(a)pyrene	17.84	252	642332	41.75	ng	98
90) Dibenzo(a,h)anthracene	19.39	278	602397	41.06	ng	96
91) Benzo(g,h,i)perylene	19.79	276	602860	40.71	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.26 min Scan# 558

Delta R.T. -0.00 min

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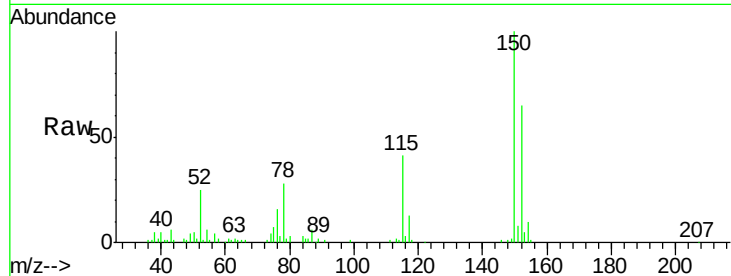
Tgt Ion:152 Resp: 62491

Ion Ratio Lower Upper

152 100

150 154.9 124.0 186.0

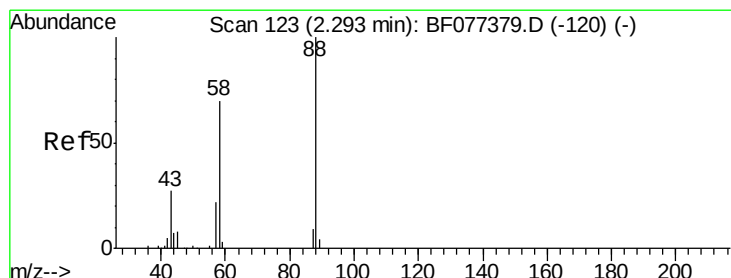
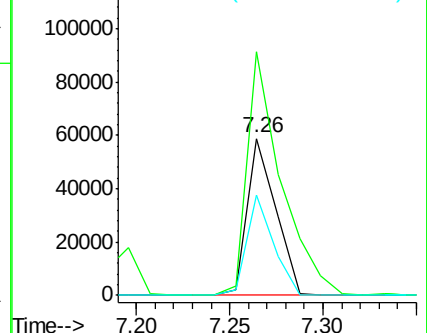
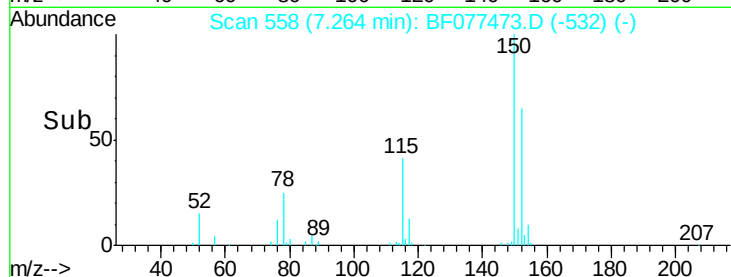
115 63.9 49.4 74.2



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: 38.61 ng

RT: 2.22 min Scan# 117

Delta R.T. 0.03 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

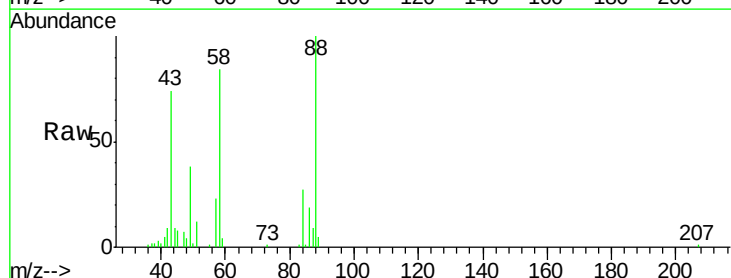
Tgt Ion: 88 Resp: 61324

Ion Ratio Lower Upper

88 100

58 76.3 62.1 93.1

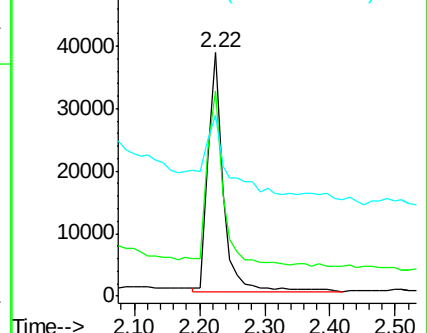
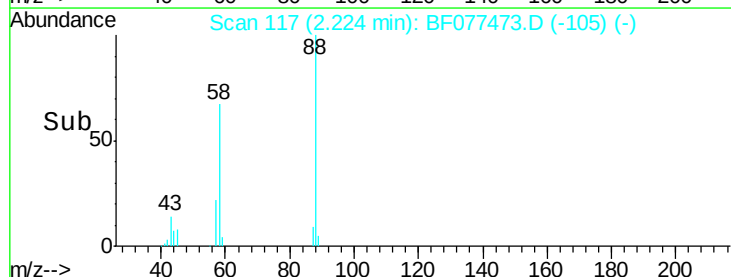
43 50.2 24.0 36.0#

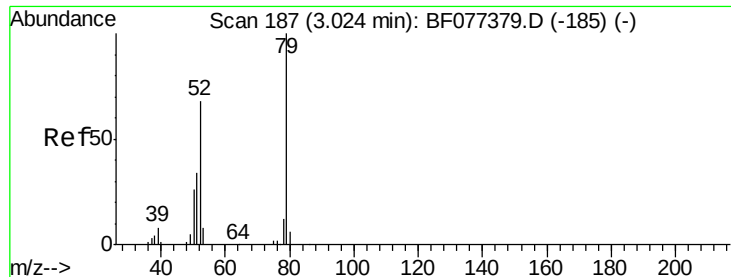


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.03 ng

RT: 2.94 min Scan# 180

Delta R.T. 0.02 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

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ClientSampleId :

PB81898BS

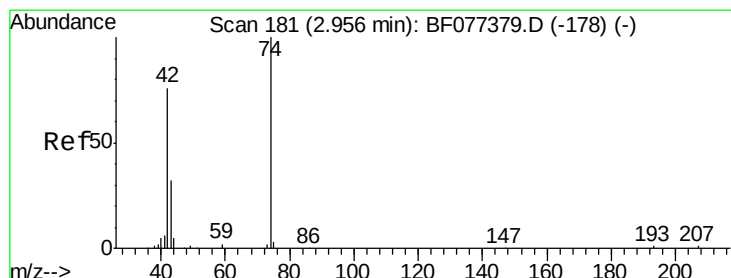
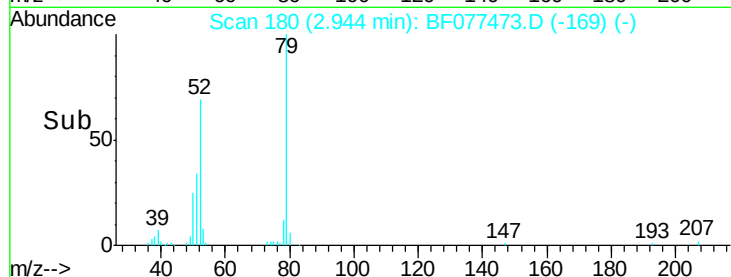
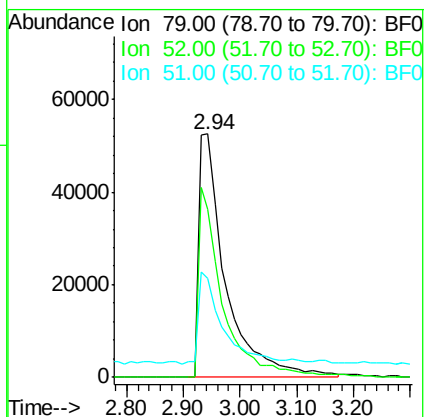
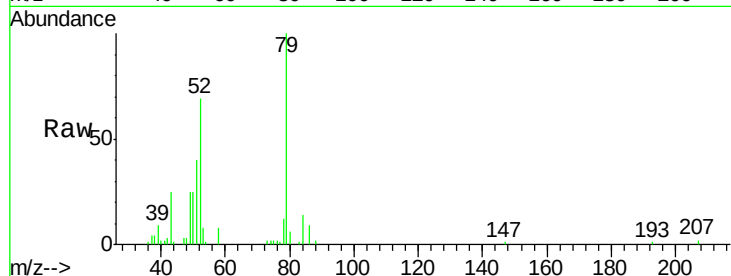
Tgt Ion: 79 Resp: 168270

Ion Ratio Lower Upper

79 100

52 69.2 57.7 86.5

51 40.4 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 38.86 ng

RT: 2.86 min Scan# 173

Delta R.T. 0.02 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

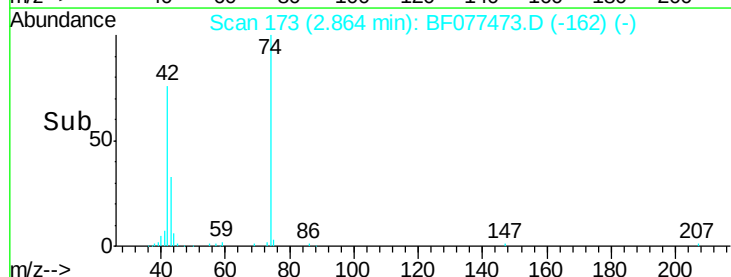
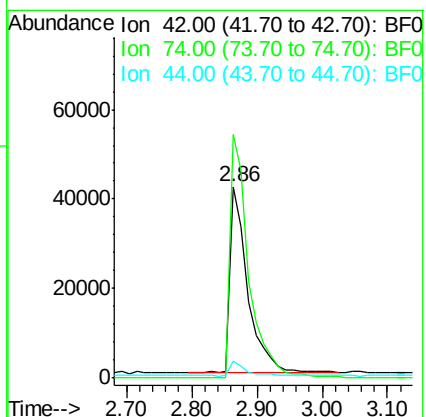
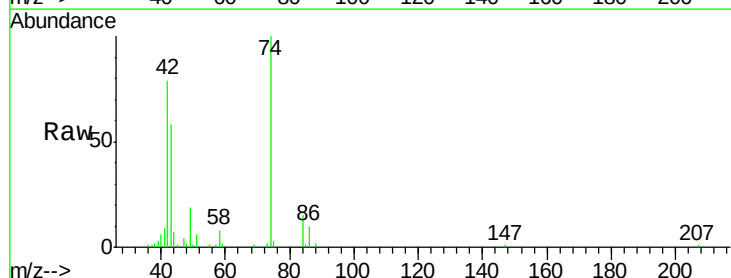
Tgt Ion: 42 Resp: 76769

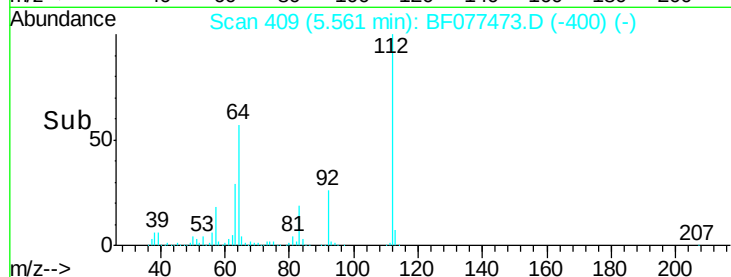
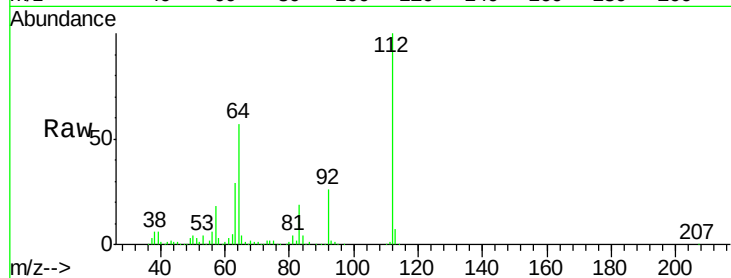
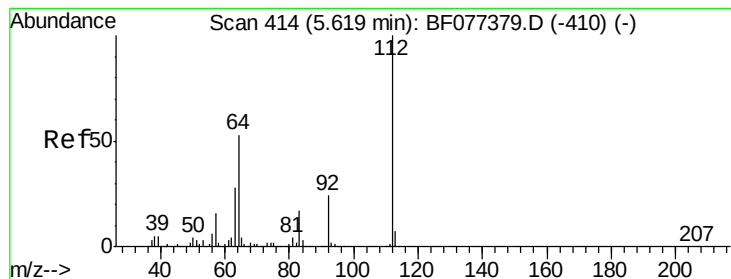
Ion Ratio Lower Upper

42 100

74 127.1 107.1 160.7

44 8.6 6.7 10.1





#5

2-Fluorophenol

Concen: 125.01 ng

RT: 5.56 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

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PB81898BS

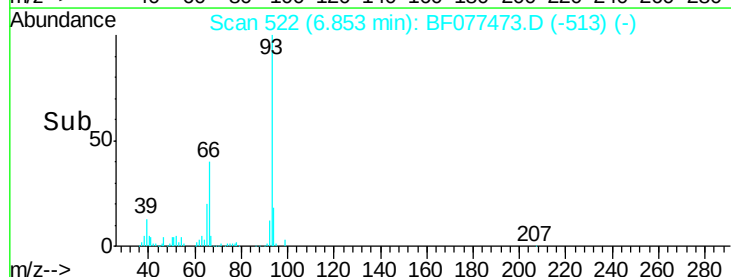
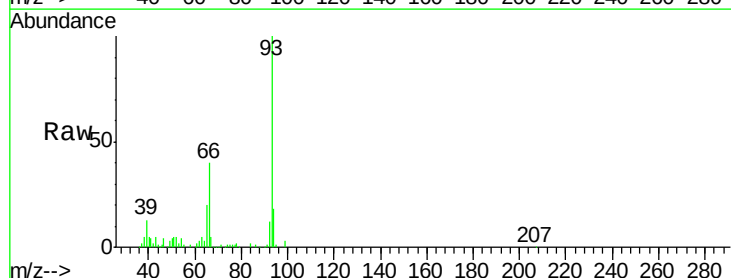
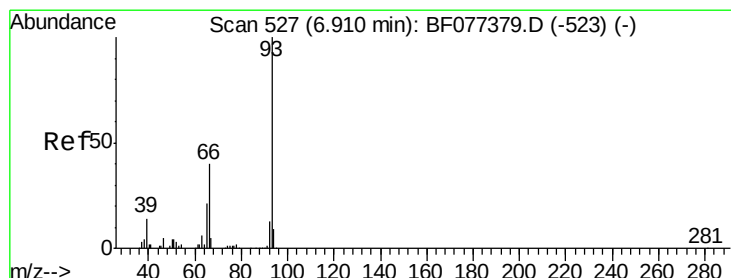
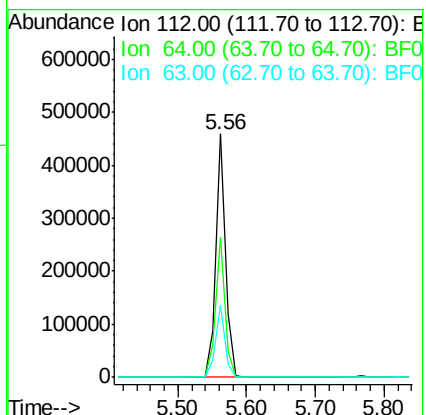
Tgt Ion: 112 Resp: 467932

Ion Ratio Lower Upper

112 100

64 57.2 48.5 72.7

63 29.5 25.0 37.4



#6

Aniline

Concen: 21.18 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

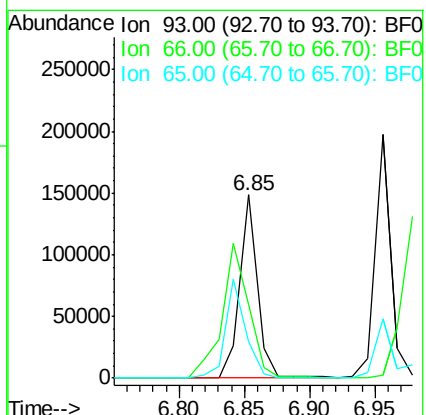
Tgt Ion: 93 Resp: 140874

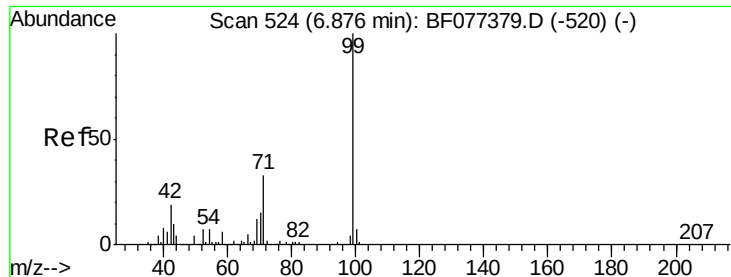
Ion Ratio Lower Upper

93 100

66 40.1 29.1 43.7

65 20.0 14.6 22.0





#7

Phenol-d6

Concen: 126.02 ng

RT: 6.83 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS

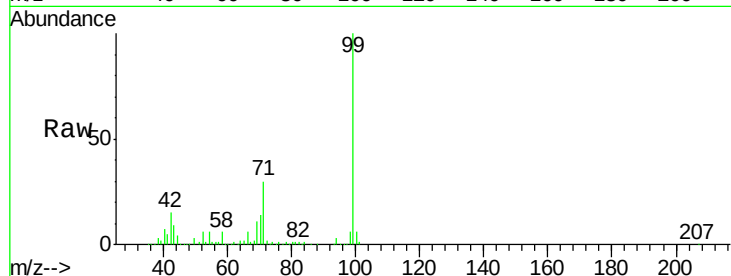
Tgt Ion: 99 Resp: 606509

Ion Ratio Lower Upper

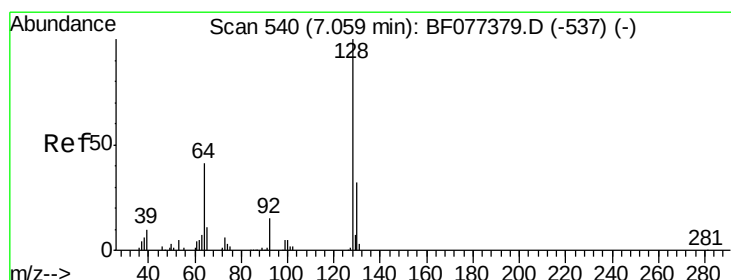
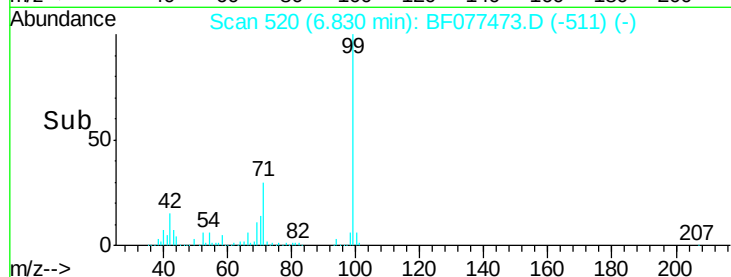
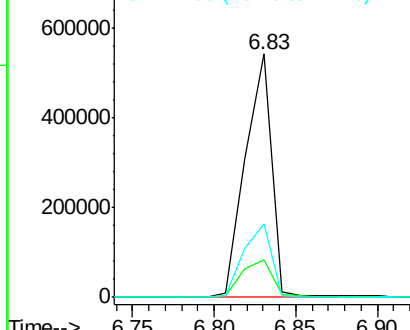
99 100

42 15.3 16.2 24.4#

71 30.3 26.7 40.1



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



#8

2-Chlorophenol

Concen: 40.02 ng

RT: 7.00 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

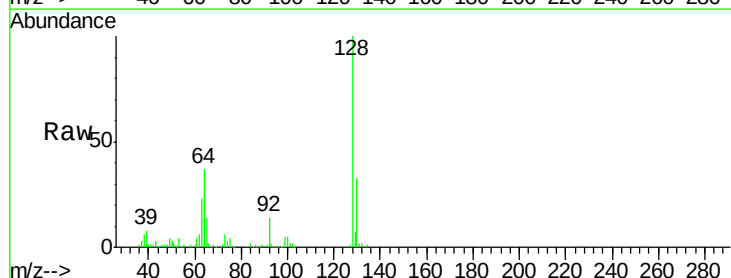
Tgt Ion: 128 Resp: 176742

Ion Ratio Lower Upper

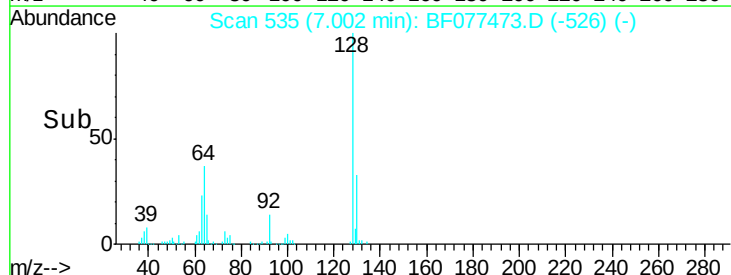
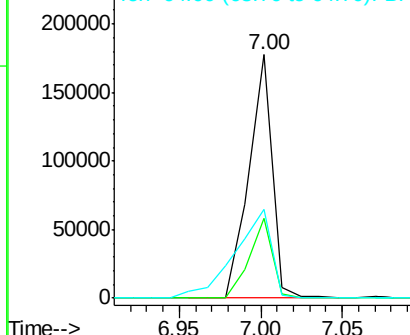
128 100

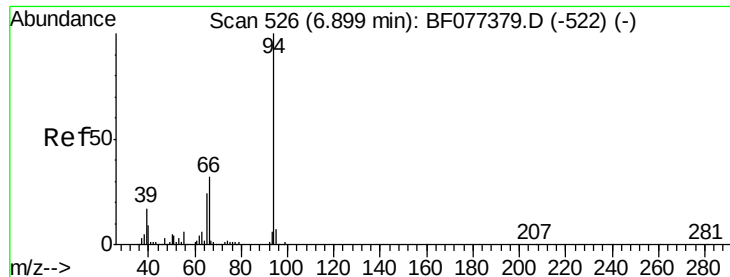
130 32.6 12.0 52.0

64 36.7 29.2 69.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 39.69 ng

RT: 6.84 min Scan# 521

Delta R.T. -0.00 min

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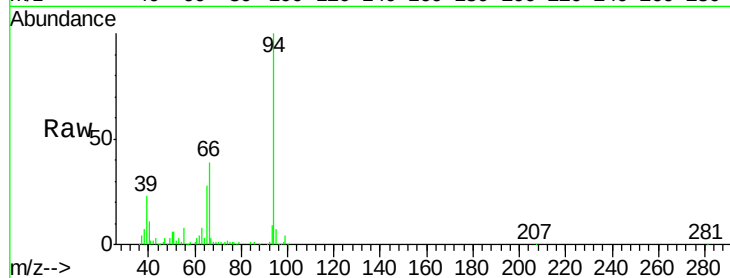
Tgt Ion: 94 Resp: 226672

Ion Ratio Lower Upper

94 100

65 28.4 5.7 45.7

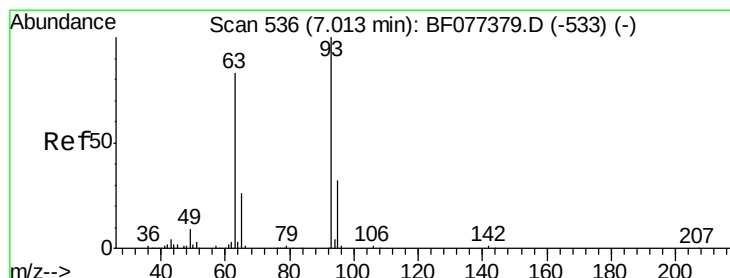
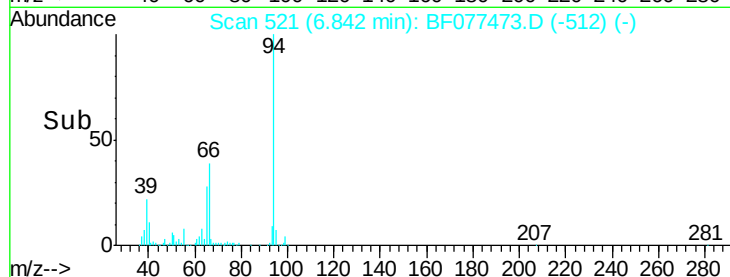
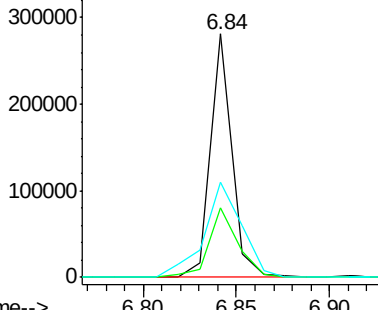
66 38.9 13.6 53.6



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 40.37 ng

RT: 6.96 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

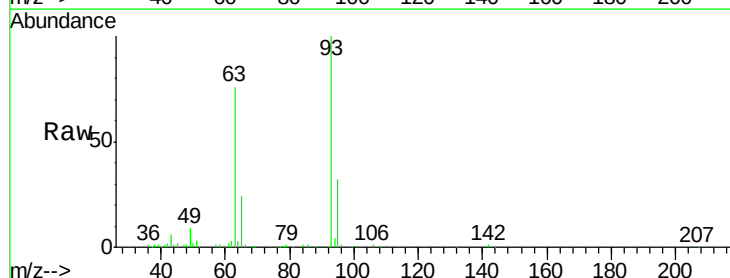
Tgt Ion: 93 Resp: 165646

Ion Ratio Lower Upper

93 100

63 76.5 48.7 88.7

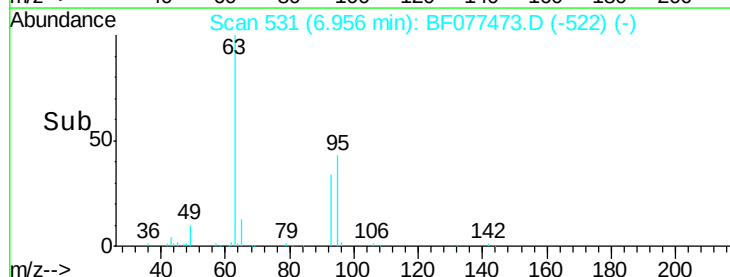
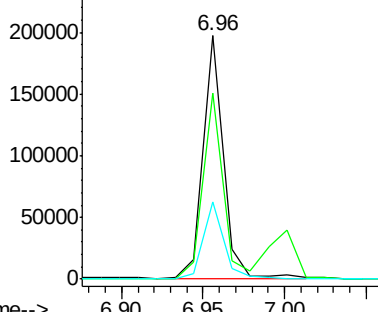
95 31.7 13.6 53.6

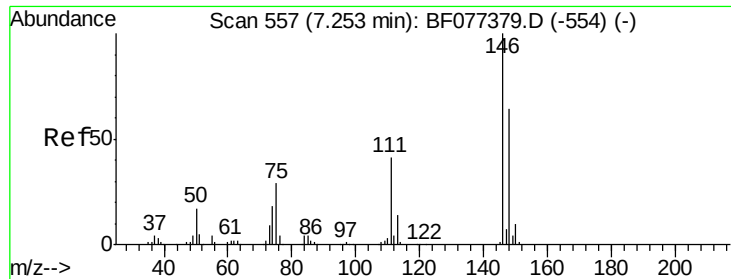


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 39.36 ng

RT: 7.20 min Scan# 552

Delta R.T. -0.00 min

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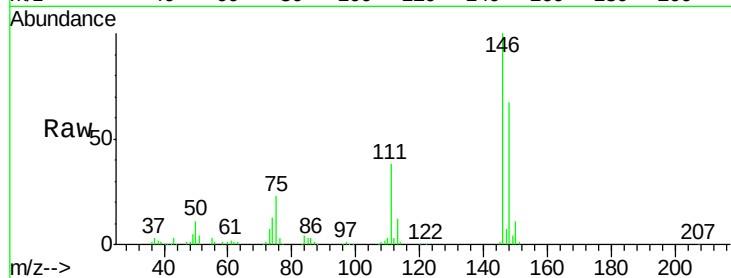
Tgt Ion:146 Resp: 189283

Ion Ratio Lower Upper

146 100

148 66.8 49.8 74.8

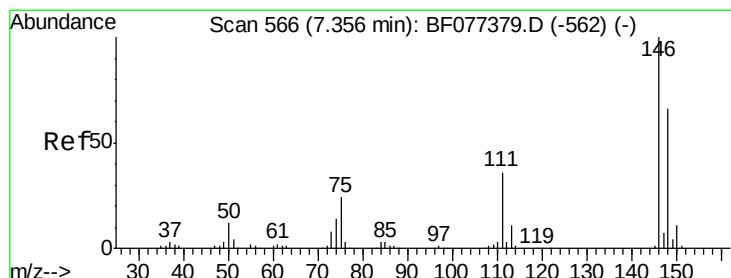
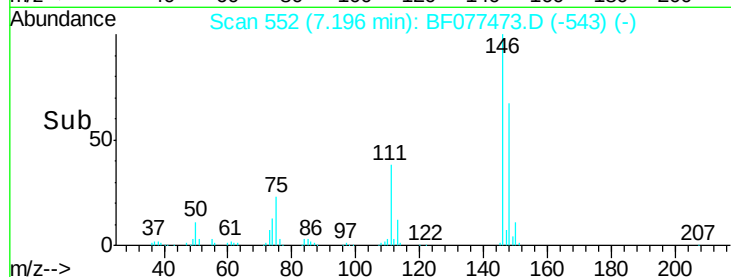
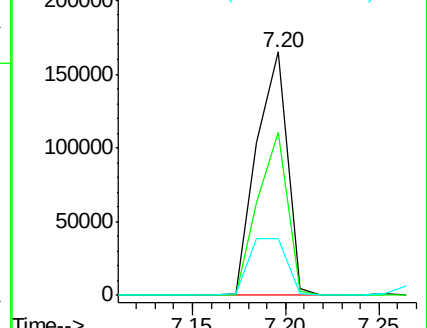
75 23.2 28.2 42.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 38.86 ng

RT: 7.29 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

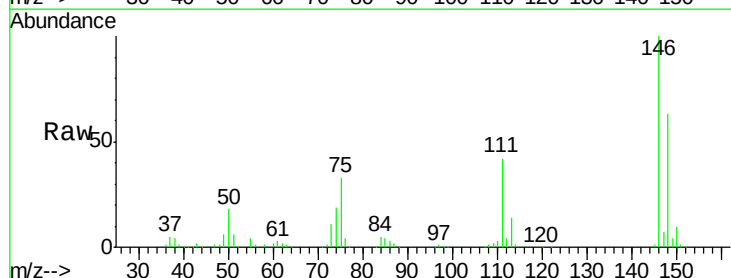
Tgt Ion:146 Resp: 190088

Ion Ratio Lower Upper

146 100

148 63.5 52.0 78.0

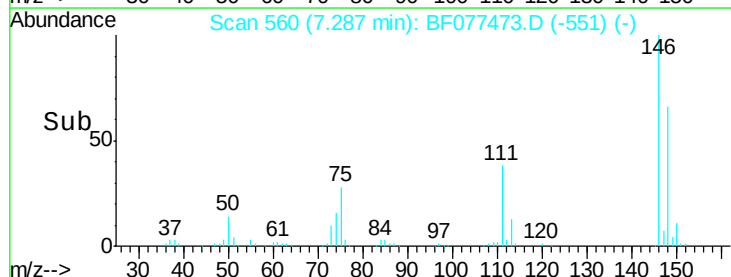
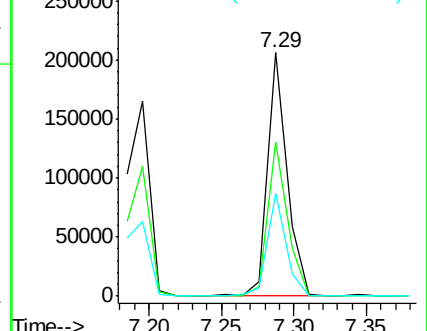
111 42.5 31.9 47.9

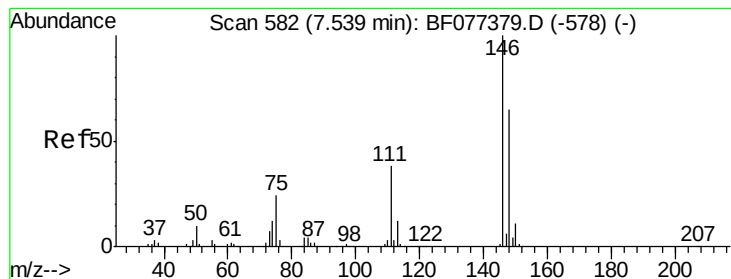


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 39.55 ng

RT: 7.47 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS

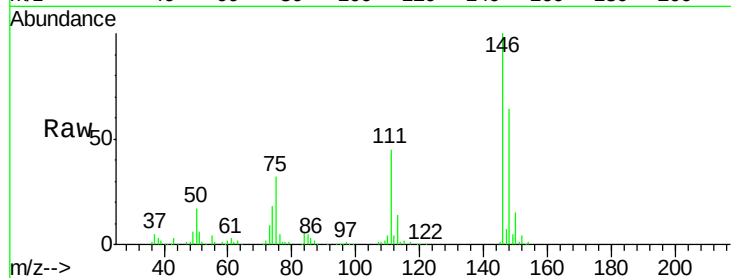
Tgt Ion:146 Resp: 184057

Ion Ratio Lower Upper

146 100

148 63.8 51.6 77.4

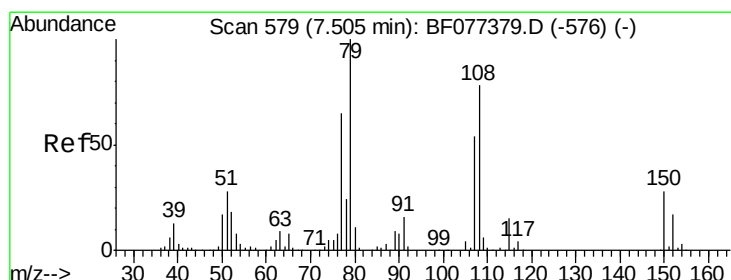
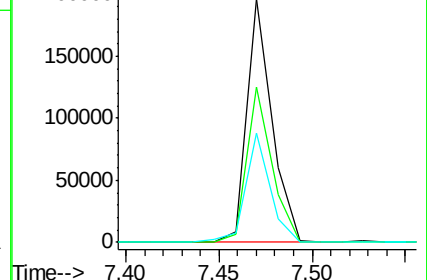
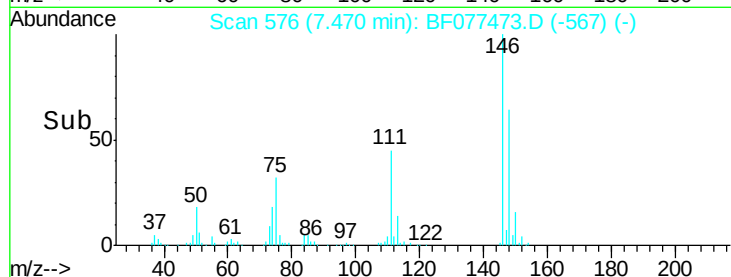
111 44.7 34.2 51.2



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: 40.05 ng

RT: 7.45 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

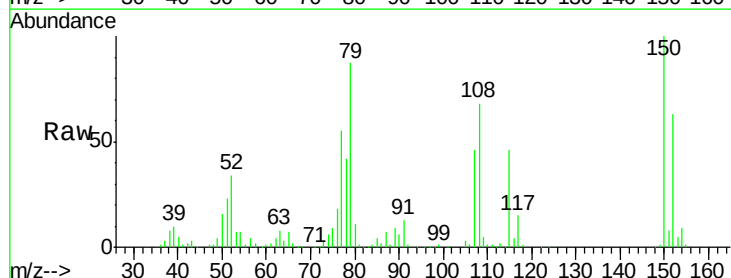
Tgt Ion: 79 Resp: 146522

Ion Ratio Lower Upper

79 100

108 78.4 58.3 87.5

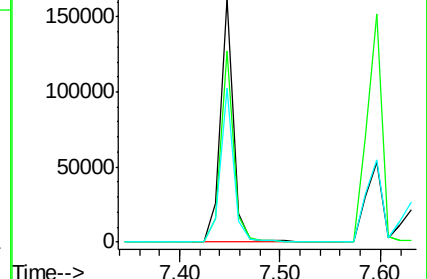
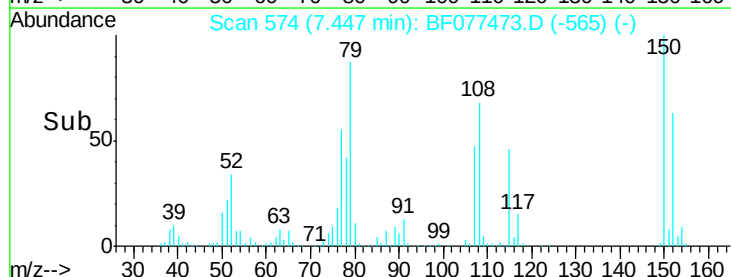
77 63.2 51.3 76.9

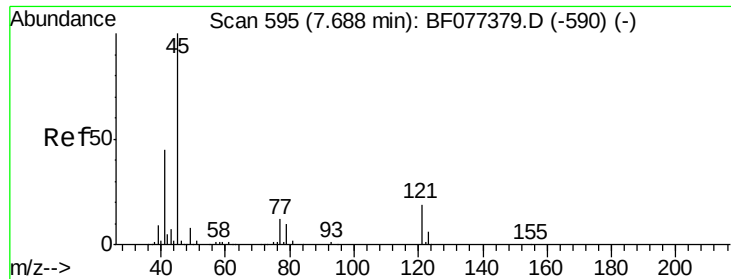


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

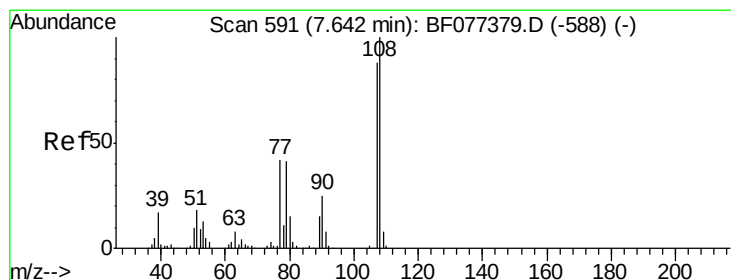
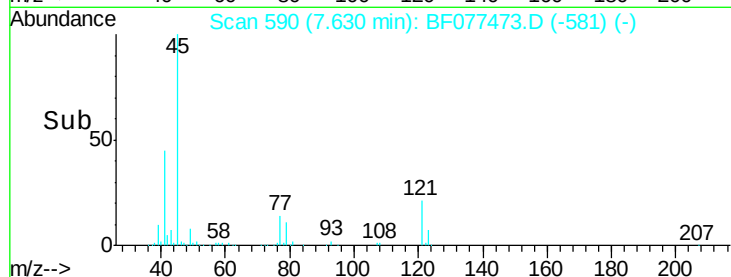
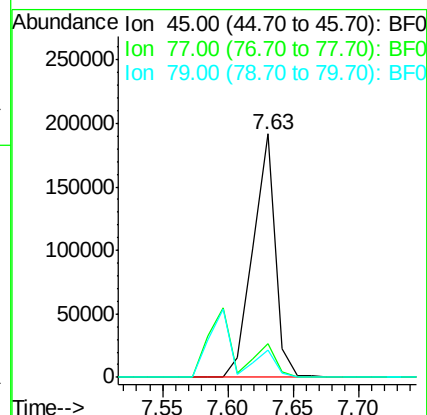
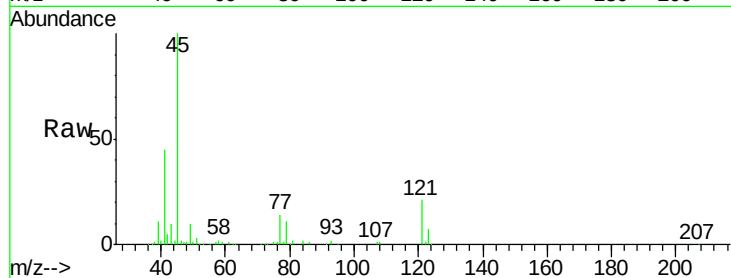




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.29 ng
RT: 7.63 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

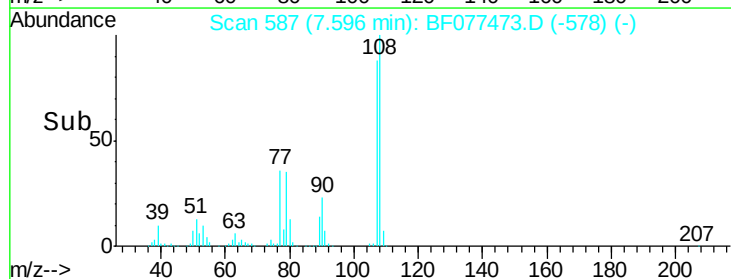
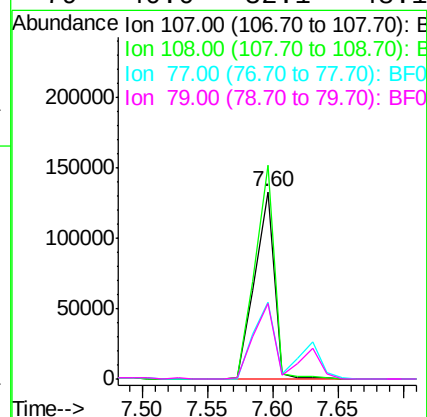
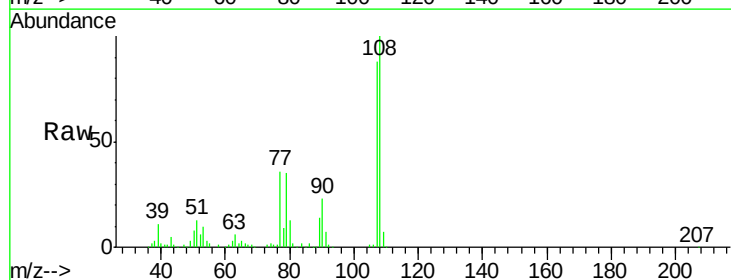
Instrument :
BNA_F
ClientSampled :
PB81898BS

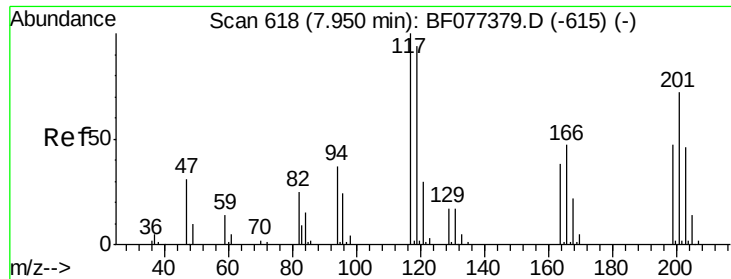
Tgt Ion: 45 Resp: 230475
Ion Ratio Lower Upper
45 100
77 13.8 0.0 34.6
79 11.2 0.0 31.5



#17
2-Methylphenol
Concen: 40.59 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Tgt Ion: 107 Resp: 140098
Ion Ratio Lower Upper
107 100
108 113.9 91.2 136.8
77 40.9 33.6 50.4
79 40.0 32.1 48.1

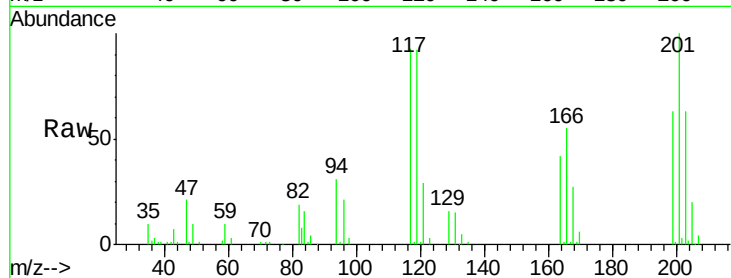




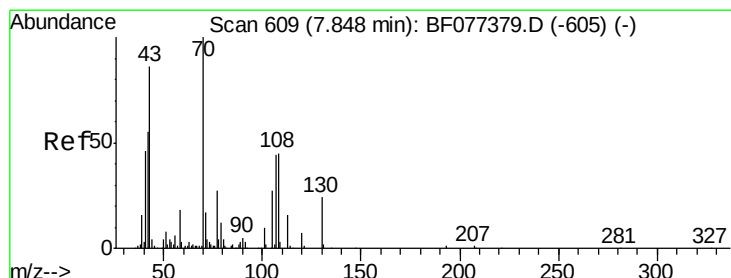
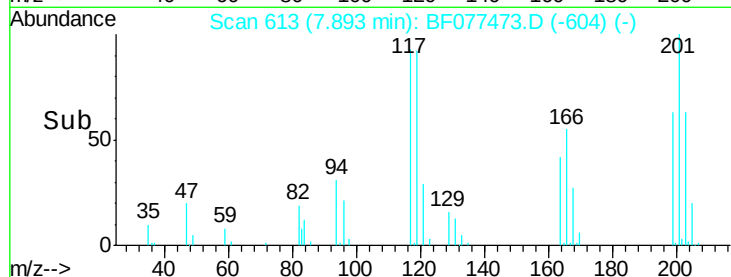
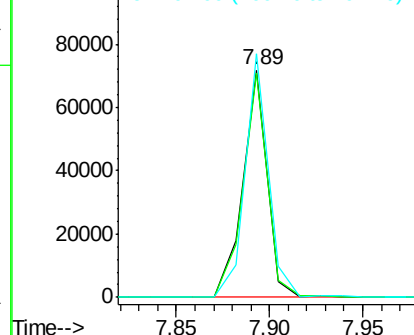
#18
Hexachloroethane
Concen: 40.08 ng
RT: 7.89 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB81898BS

Tgt Ion: 117 Resp: 65484
Ion Ratio Lower Upper
117 100
119 98.5 77.8 116.8
201 107.1 90.6 136.0

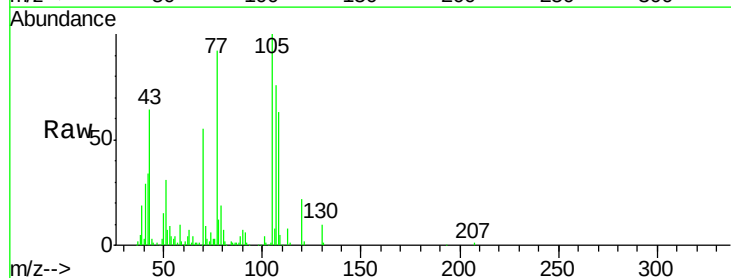


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

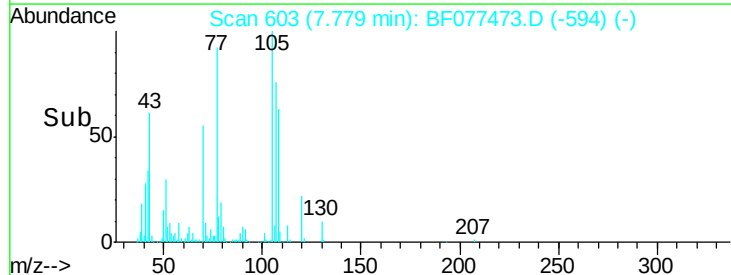
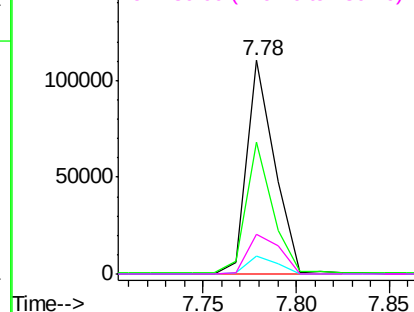


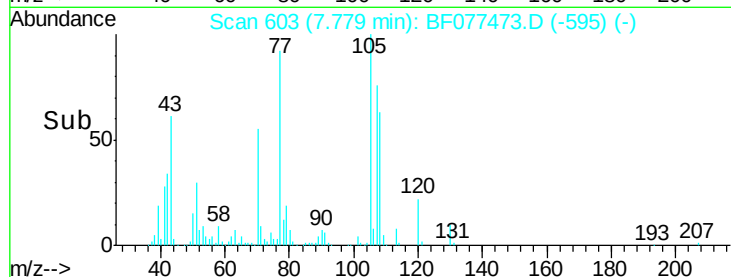
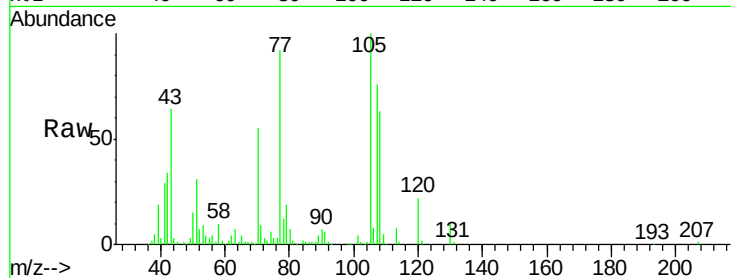
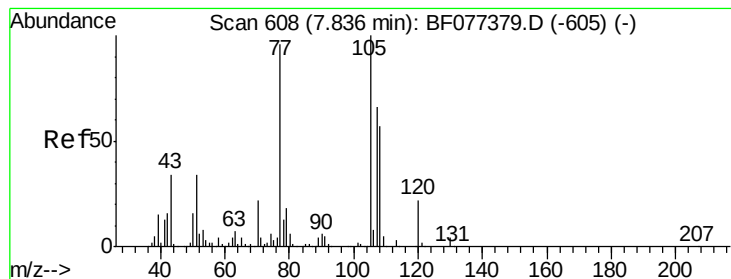
#19
n-Nitroso-di-n-propylamine
Concen: 37.28 ng
RT: 7.78 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Tgt Ion: 70 Resp: 113934
Ion Ratio Lower Upper
70 100
42 61.8 48.3 72.5
101 8.1 7.5 11.3
130 18.7 16.7 25.1



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





#20

3+4-Methylphenols

Concen: 39.96 ng

RT: 7.78 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS

Tgt Ion:107 Resp: 181633

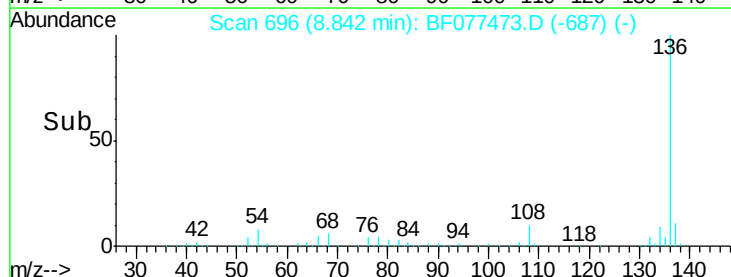
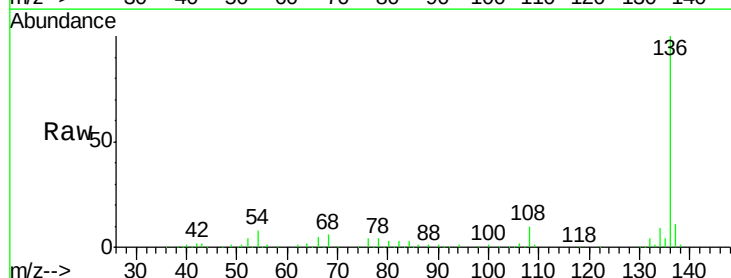
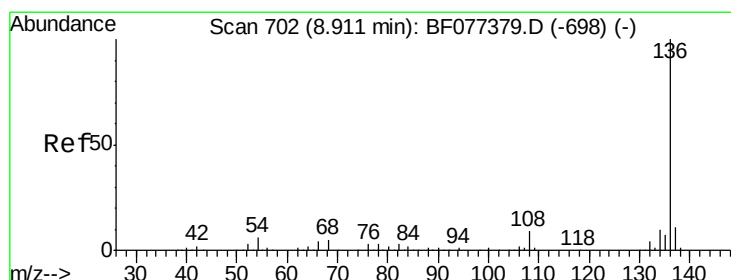
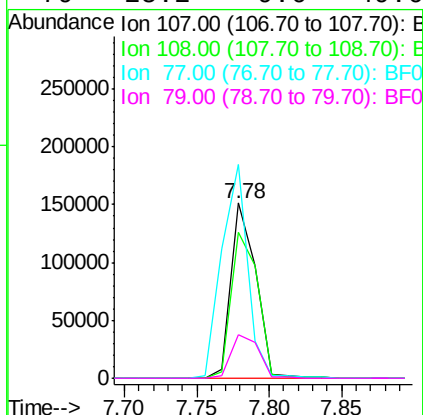
Ion Ratio Lower Upper

107 100

108 83.2 76.8 116.8

77 121.8 65.8 105.8#

79 25.2 9.6 49.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Tgt Ion:136 Resp: 249557

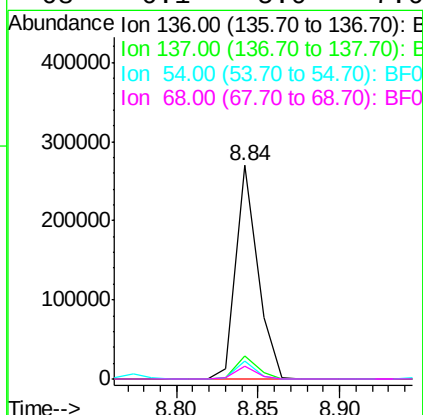
Ion Ratio Lower Upper

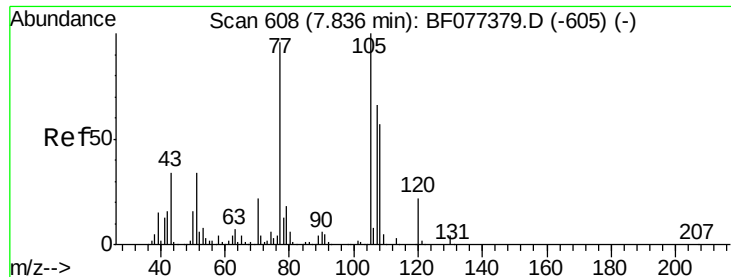
136 100

137 10.8 8.6 13.0

54 8.3 6.2 9.4

68 6.1 5.0 7.6





#22

Acetophenone

Concen: 39.94 ng

RT: 7.78 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS

Tgt Ion:105 Resp: 234454

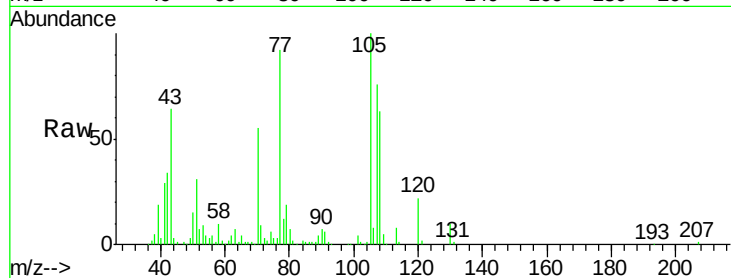
Ion Ratio Lower Upper

105 100

71 8.9 1.7 2.5#

51 31.0 30.7 46.1

120 22.3 16.7 25.1

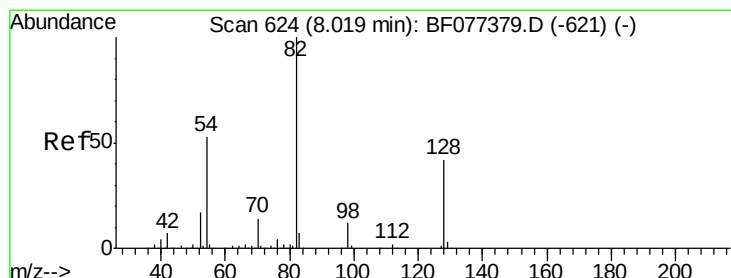
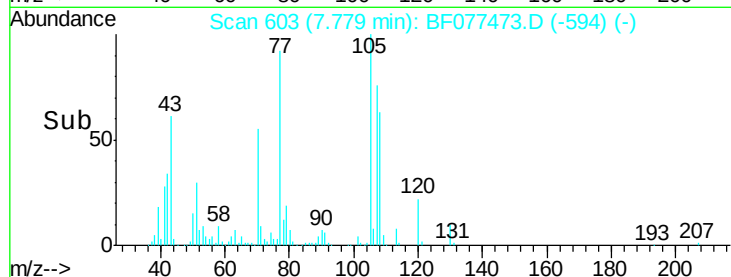
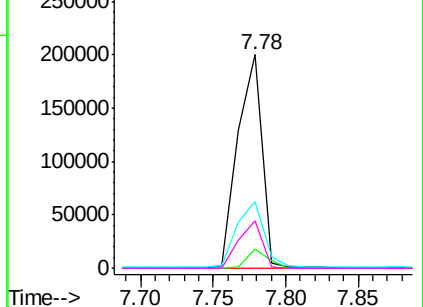


Abundance Ion 105.00 (104.70 to 105.70): E

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: 87.91 ng

RT: 7.96 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

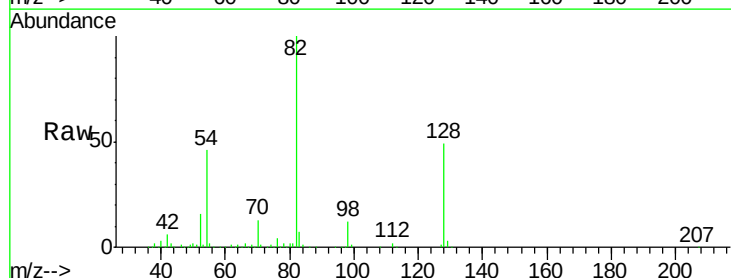
Tgt Ion: 82 Resp: 352809

Ion Ratio Lower Upper

82 100

128 49.4 43.8 65.8

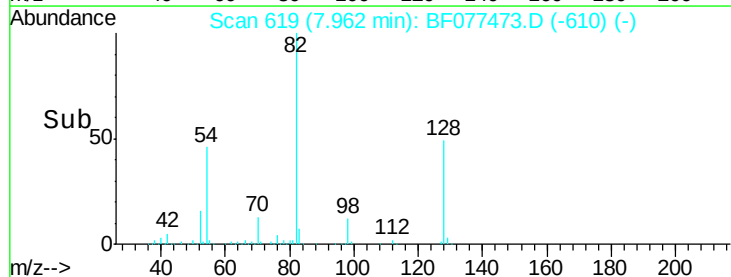
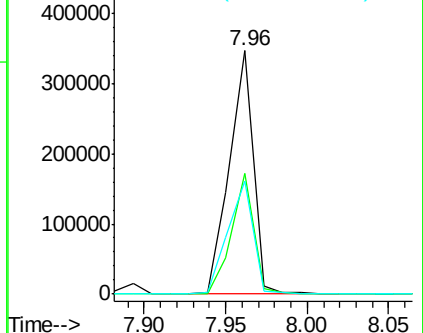
54 46.5 36.7 55.1

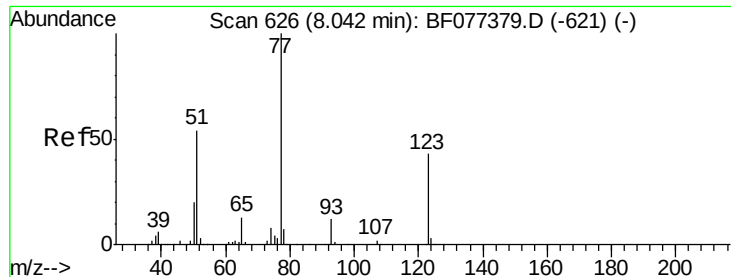


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

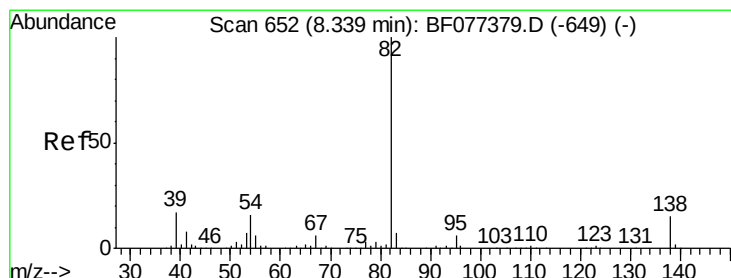
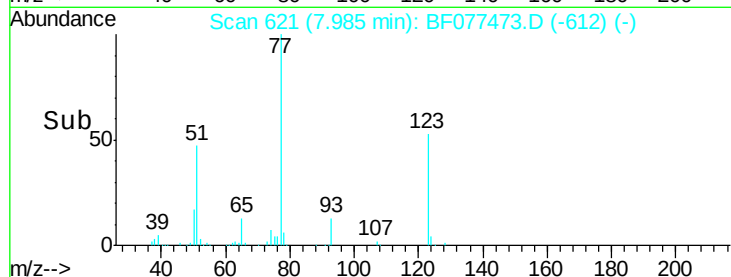
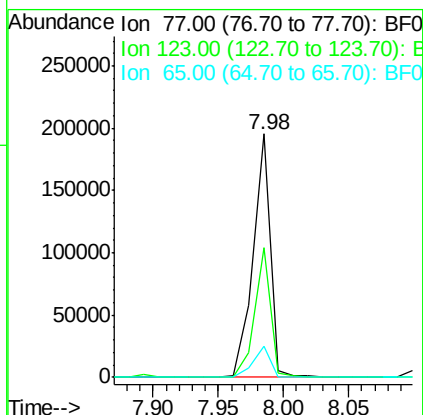
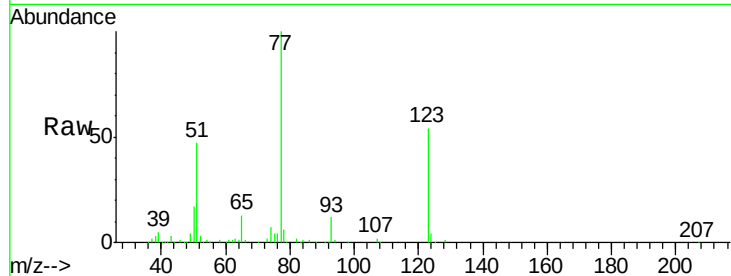




#24
Nitrobenzene
Concen: 43.01 ng
RT: 7.98 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

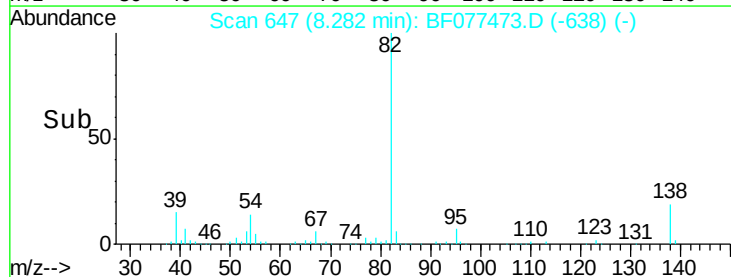
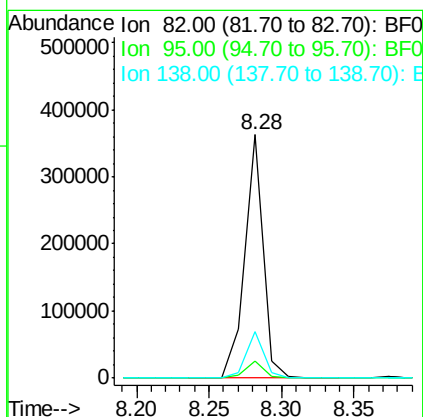
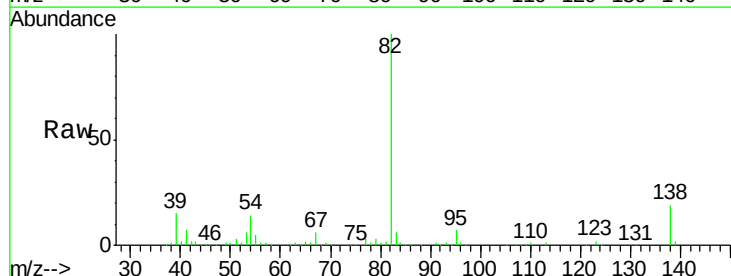
Instrument :
BNA_F
ClientSampleId :
PB81898BS

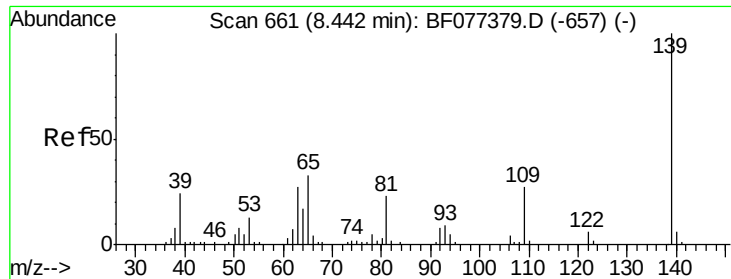
Tgt Ion: 77 Resp: 181602
Ion Ratio Lower Upper
77 100
123 53.5 45.9 68.9
65 12.6 9.5 14.3



#25
Isophorone
Concen: 40.28 ng
RT: 8.28 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Tgt Ion: 82 Resp: 320726
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 19.3 16.3 24.5

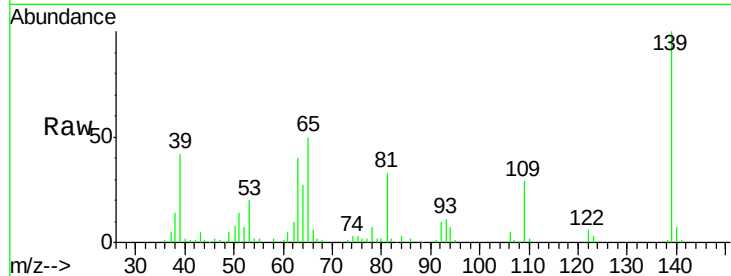




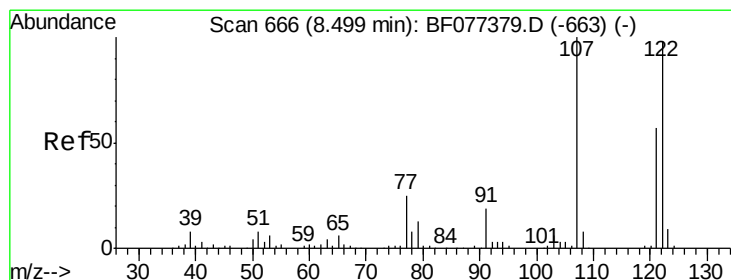
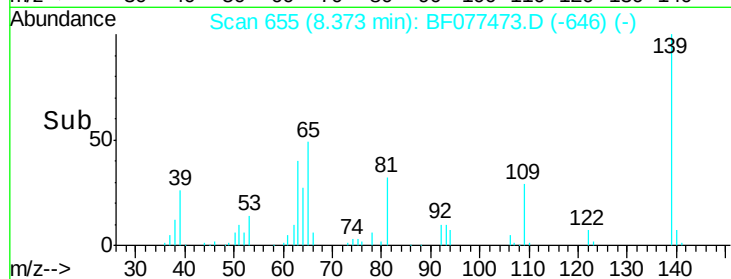
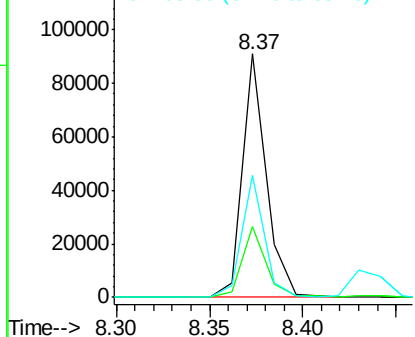
#26
 2-Nitrophenol
 Concen: 46.66 ng
 RT: 8.37 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF077473.D
 Acq: 26 Feb 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81898BS

Tgt Ion:139 Resp: 80743
 Ion Ratio Lower Upper
 139 100
 109 28.8 22.6 34.0
 65 50.4 36.4 54.6

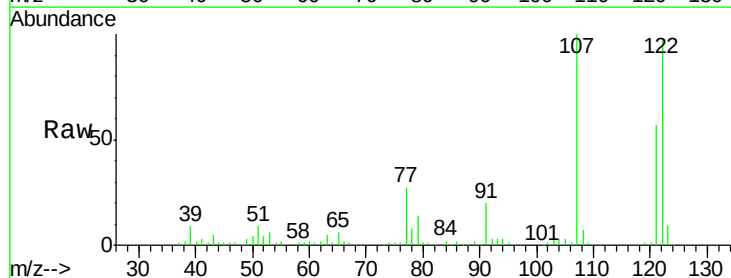


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

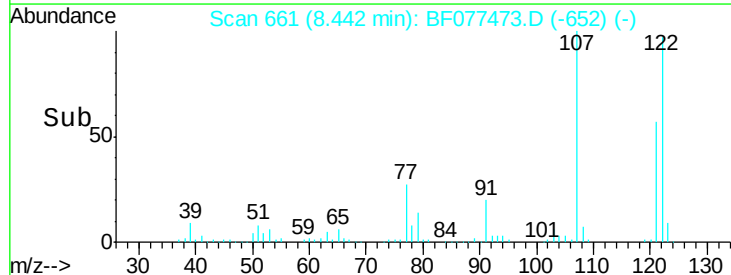
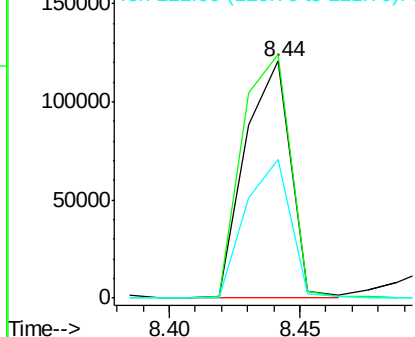


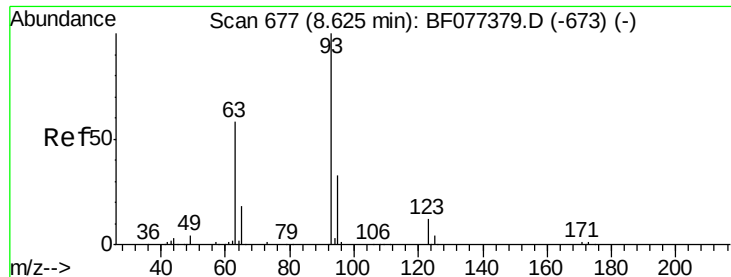
#27
 2,4-Dimethylphenol
 Concen: 38.01 ng
 RT: 8.44 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF077473.D
 Acq: 26 Feb 2015 19:03

Tgt Ion:122 Resp: 147158
 Ion Ratio Lower Upper
 122 100
 107 102.7 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

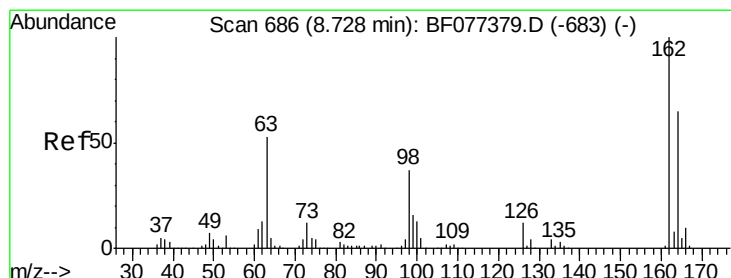
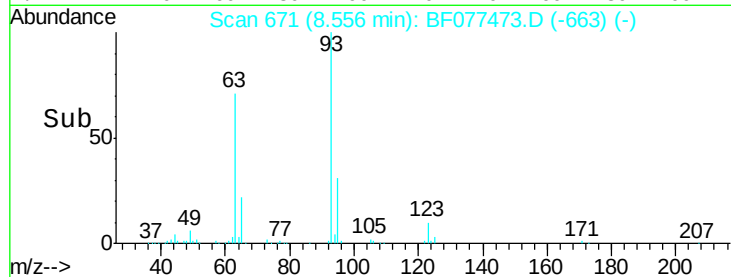
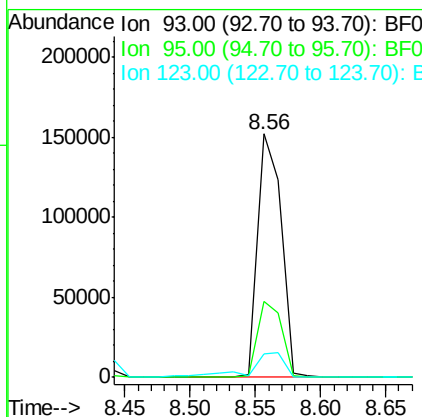
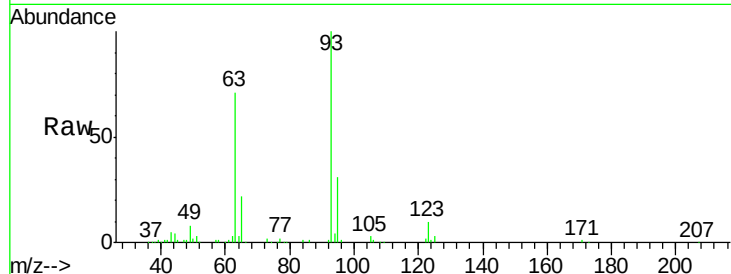




#28
bis(2-Chloroethoxy)methane
Concen: 38.48 ng
RT: 8.56 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

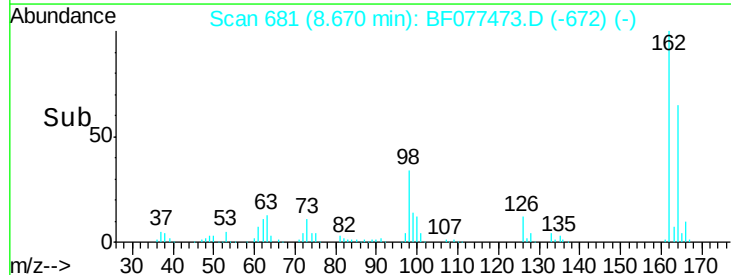
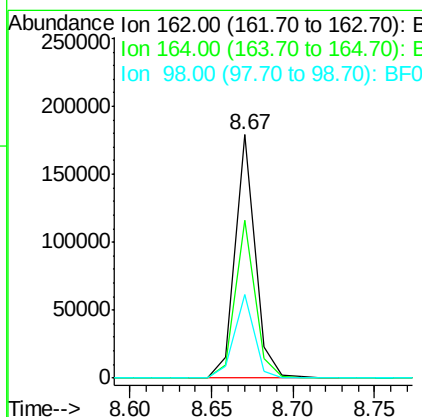
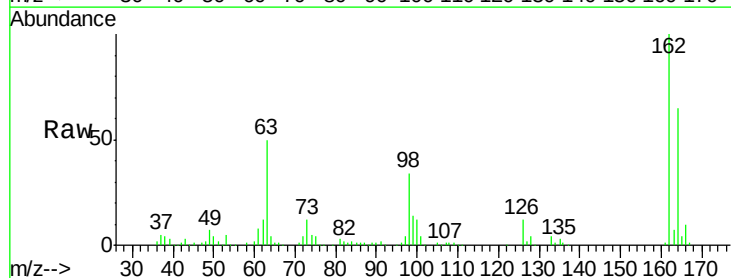
Instrument :
BNA_F
ClientSampleId :
PB81898BS

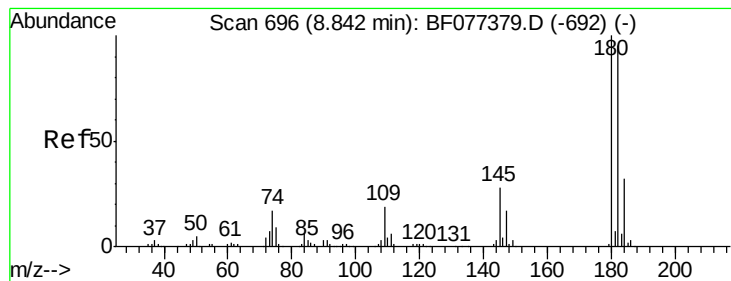
Tgt Ion: 93 Resp: 193566
Ion Ratio Lower Upper
93 100
95 31.4 26.4 39.6
123 9.8 8.7 13.1



#29
2,4-Dichlorophenol
Concen: 41.74 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Tgt Ion: 162 Resp: 151684
Ion Ratio Lower Upper
162 100
164 65.0 46.4 86.4
98 34.5 6.9 46.9





#30

1,2,4-Trichlorobenzene

Concen: 39.67 ng

RT: 8.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS

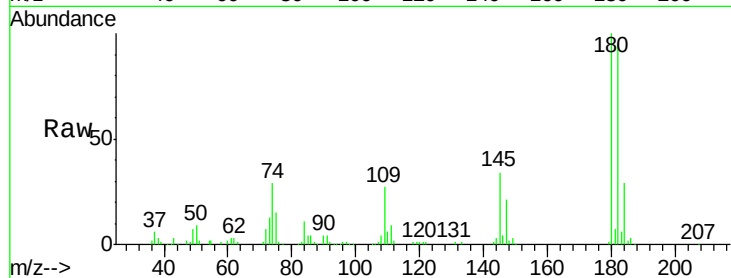
Tgt Ion:180 Resp: 158499

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

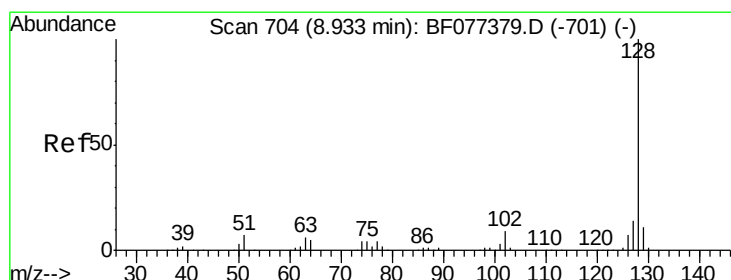
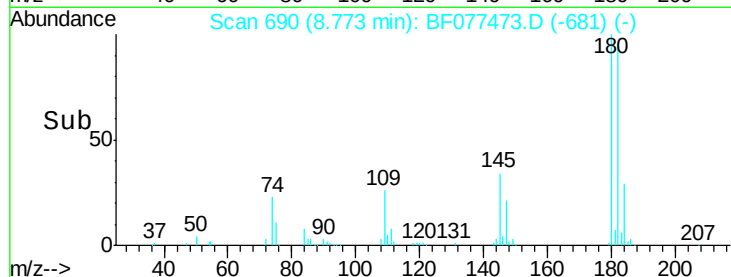
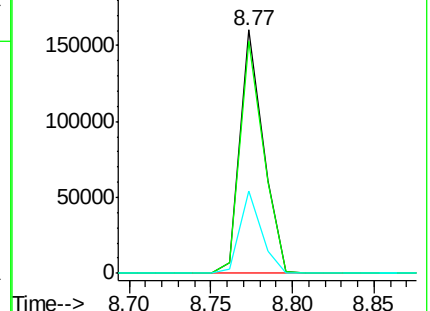
145 33.6 24.5 36.7



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: 40.80 ng

RT: 8.86 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

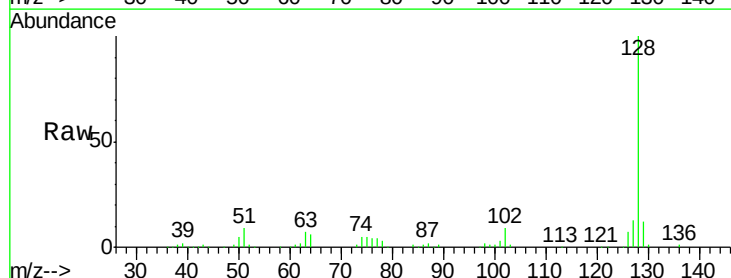
Tgt Ion:128 Resp: 509176

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

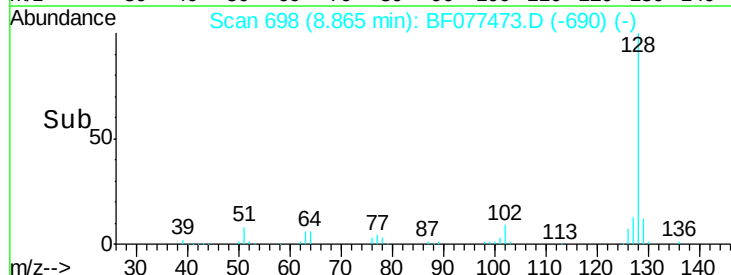
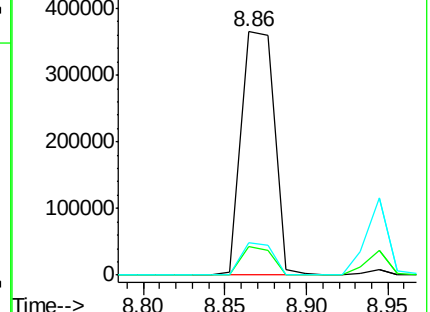
127 13.1 10.6 15.8

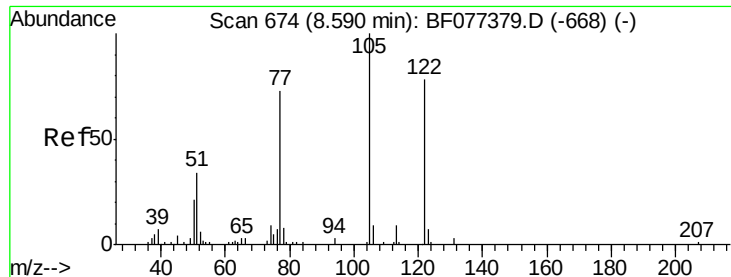


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

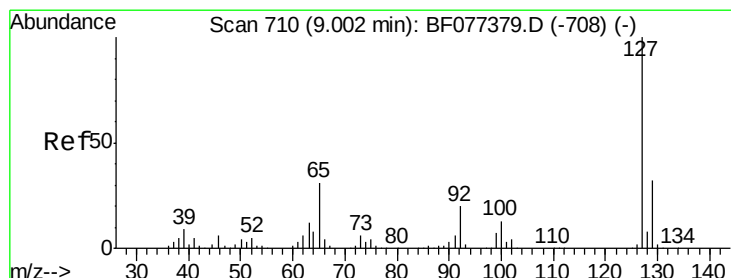
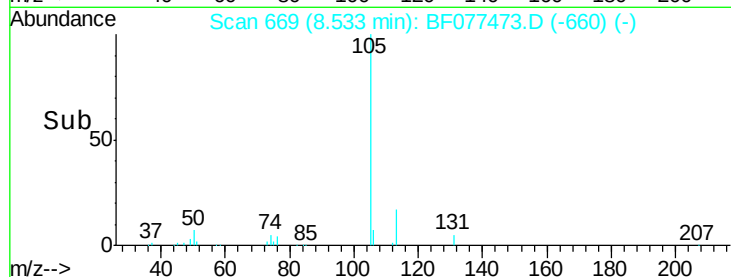
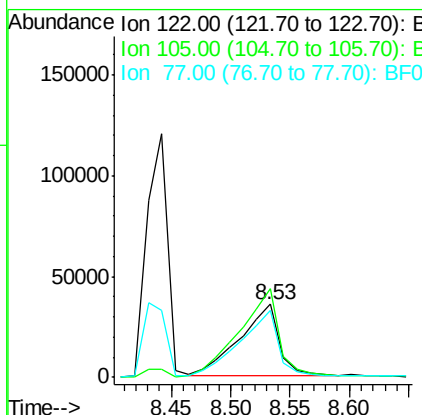
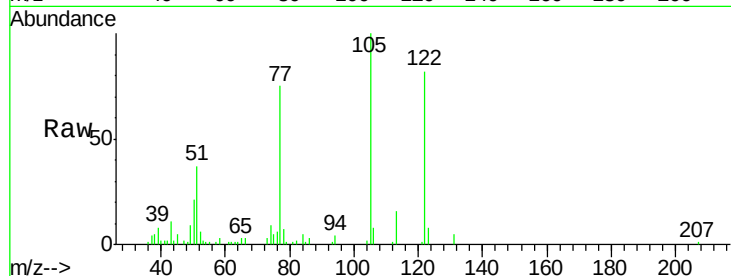




#32
Benzoic acid
Concen: 43.53 ng
RT: 8.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

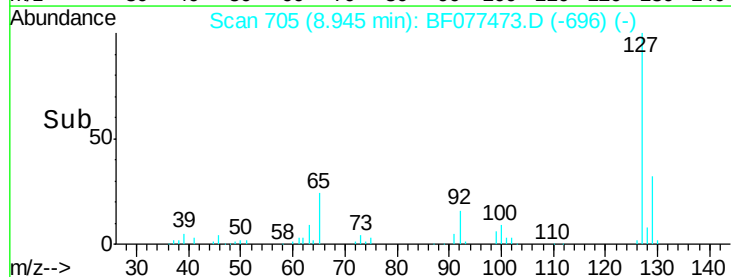
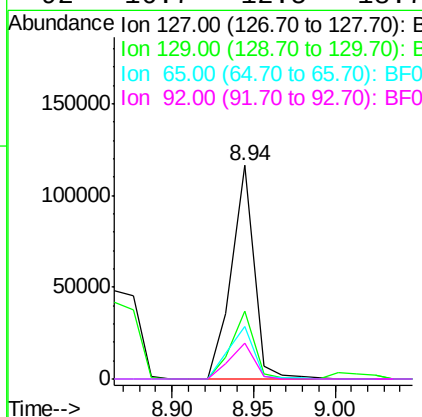
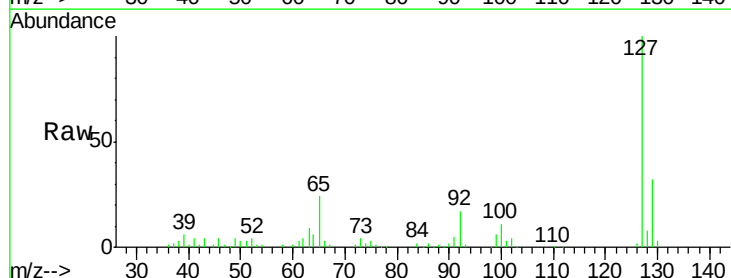
Instrument :
BNA_F
ClientSampleId :
PB81898BS

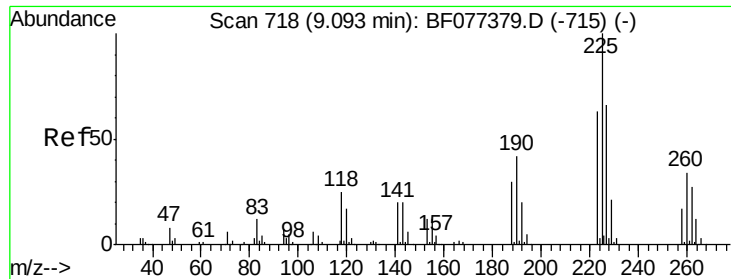
Tgt Ion:122 Resp: 81890
Ion Ratio Lower Upper
122 100
105 121.6 100.3 140.3
77 91.5 68.7 108.7



#33
4-Chloroaniline
Concen: 20.22 ng
RT: 8.94 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Tgt Ion:127 Resp: 112207
Ion Ratio Lower Upper
127 100
129 31.9 26.9 40.3
65 24.4 16.7 25.1
92 16.7 12.5 18.7





#34

Hexachlorobutadiene

Concen: 40.35 ng

RT: 9.02 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS

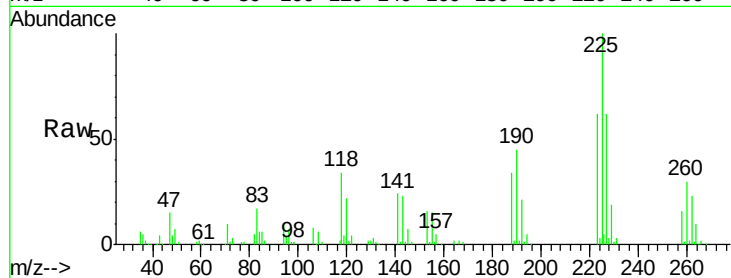
Tgt Ion:225 Resp: 92039

Ion Ratio Lower Upper

225 100

223 62.5 49.5 74.3

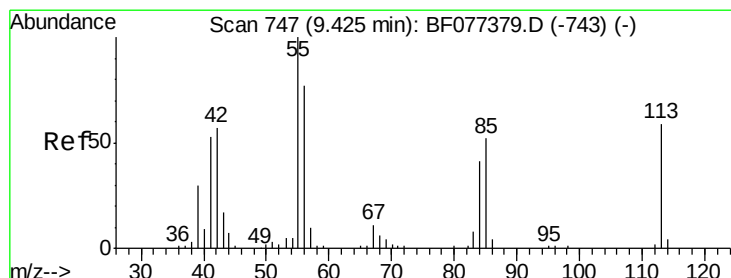
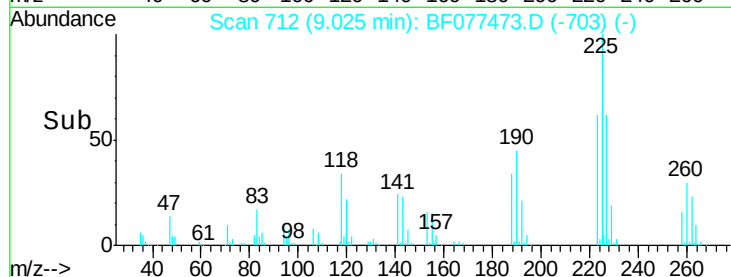
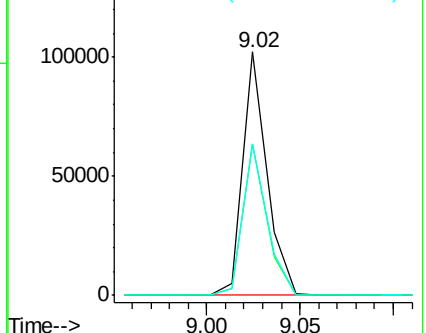
227 62.1 50.5 75.7



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: 39.24 ng

RT: 9.36 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

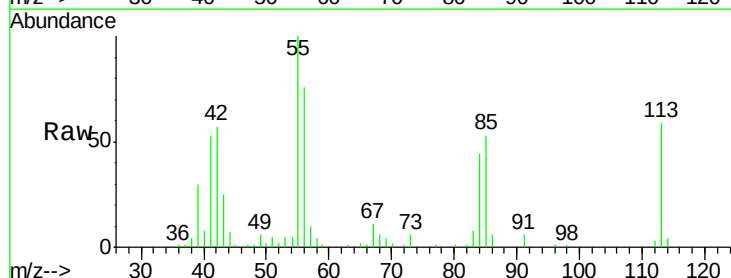
Tgt Ion:113 Resp: 43531

Ion Ratio Lower Upper

113 100

55 170.3 154.6 194.6

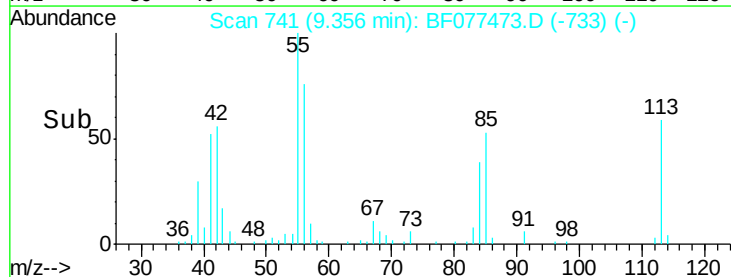
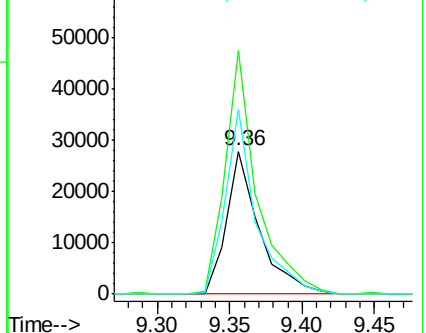
56 128.8 114.0 154.0

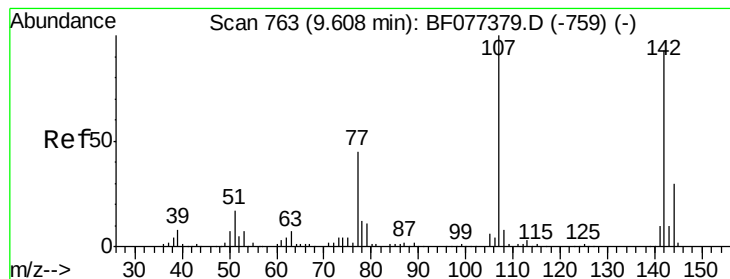


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 40.27 ng

RT: 9.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS

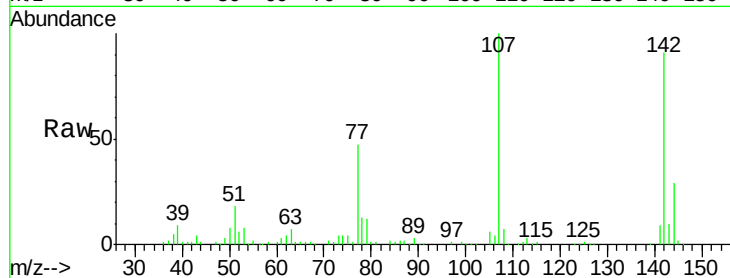
Tgt Ion:107 Resp: 147127

Ion Ratio Lower Upper

107 100

144 28.7 21.1 31.7

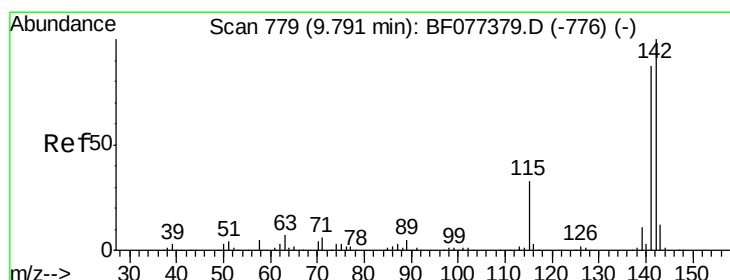
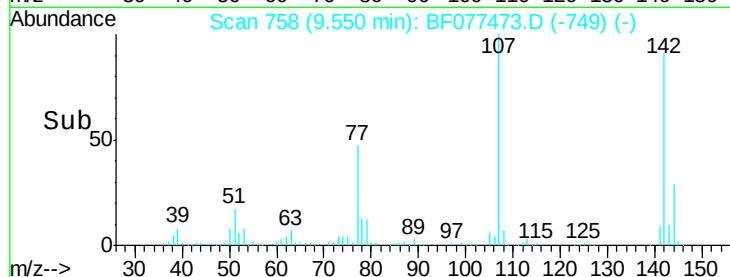
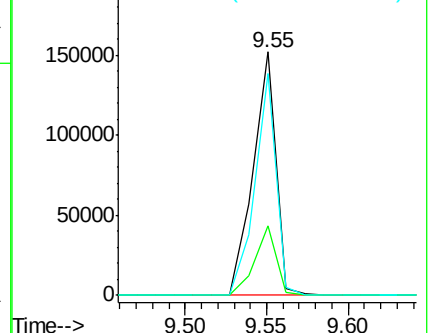
142 91.2 65.3 97.9



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 39.68 ng

RT: 9.73 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

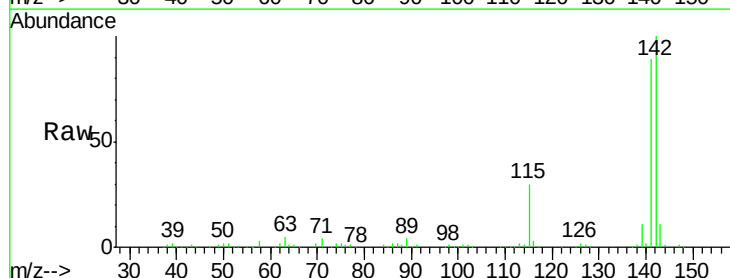
Tgt Ion:142 Resp: 351689

Ion Ratio Lower Upper

142 100

141 89.0 70.7 106.1

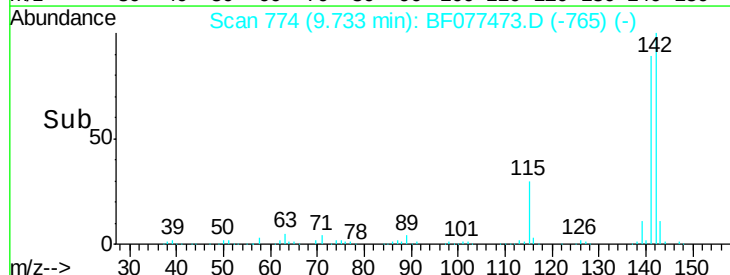
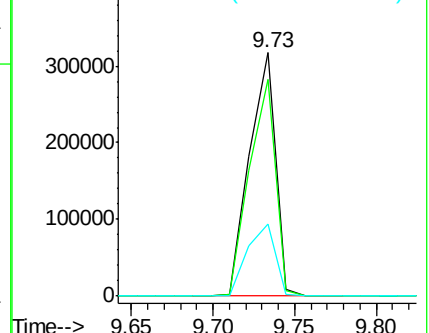
115 29.7 24.2 36.4

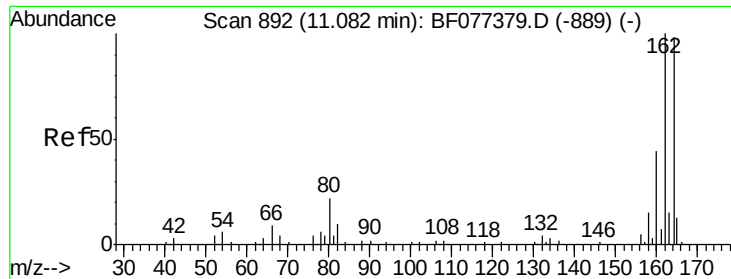


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

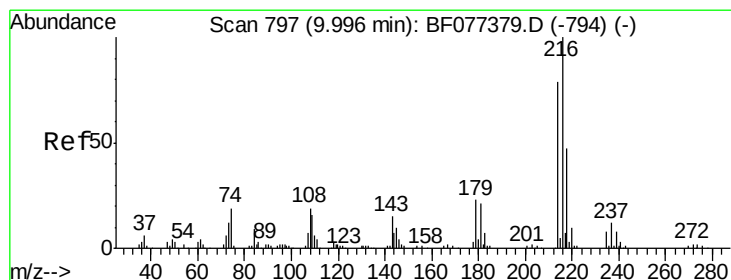
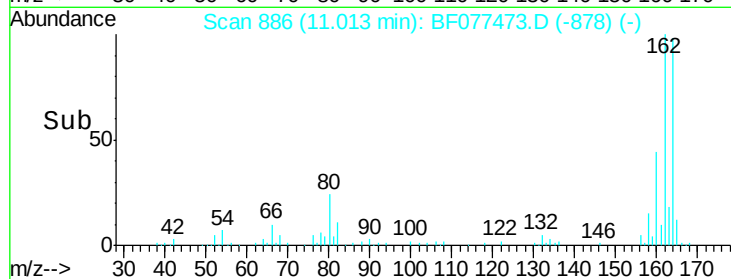
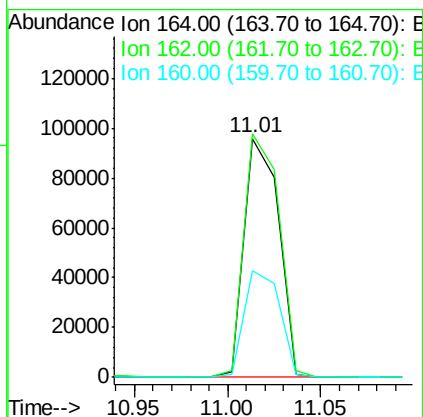
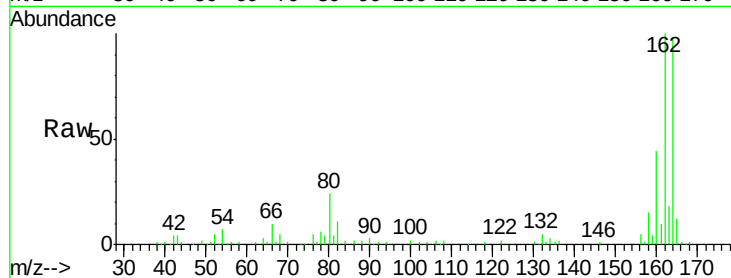




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

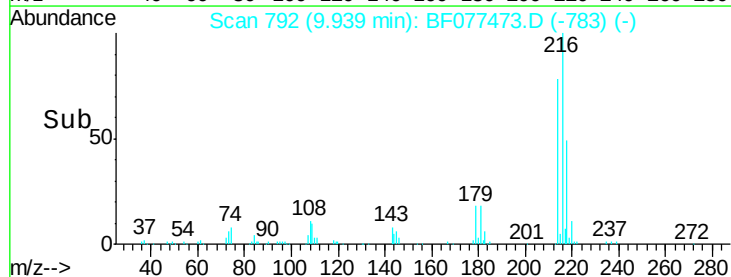
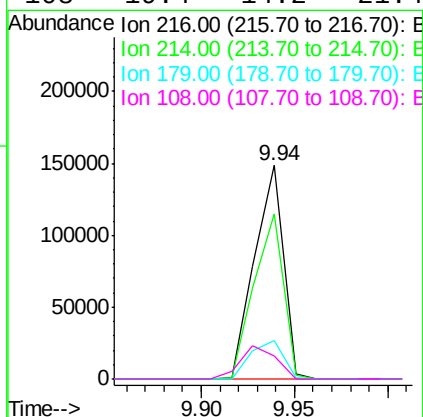
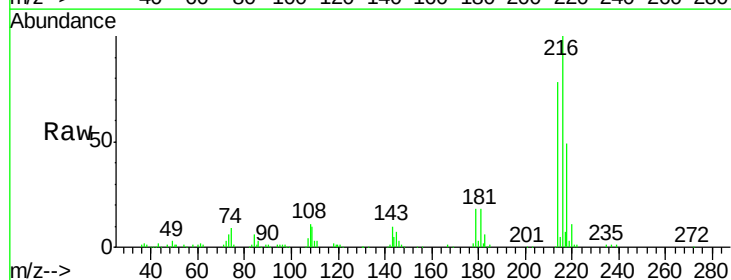
Instrument :
BNA_F
ClientSampleId :
PB81898BS

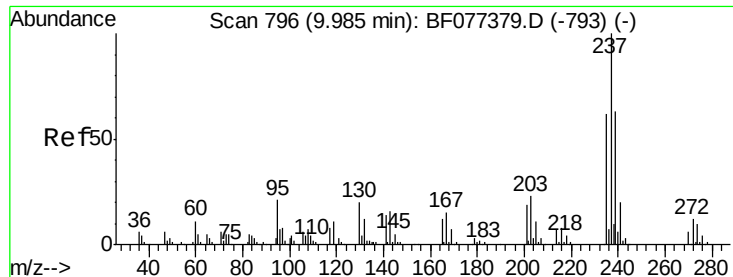
Tgt Ion:164 Resp: 123256
Ion Ratio Lower Upper
164 100
162 101.9 83.2 124.8
160 44.5 34.6 52.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.01 ng
RT: 9.94 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Tgt Ion:216 Resp: 159185
Ion Ratio Lower Upper
216 100
214 78.4 63.4 95.0
179 20.3 16.6 25.0
108 19.4 14.2 21.4

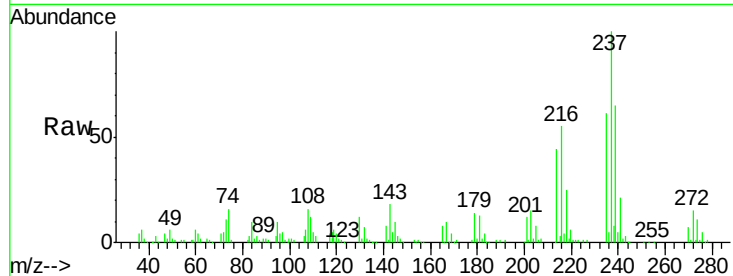




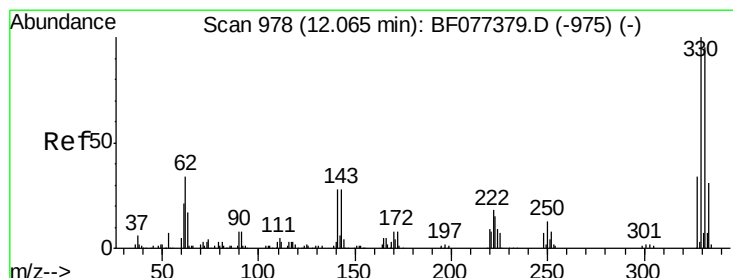
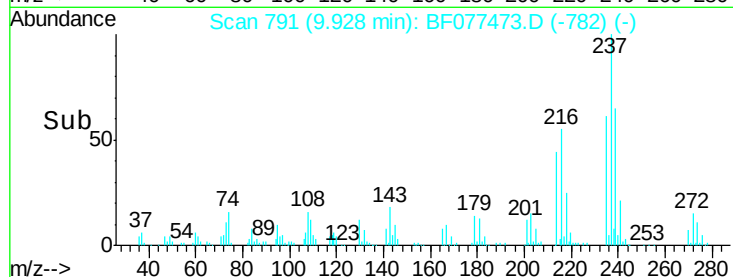
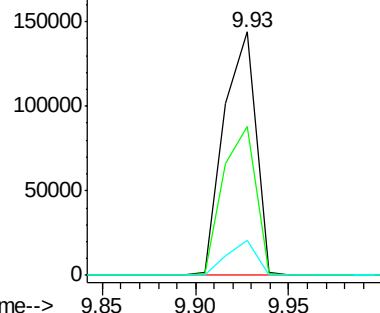
#40
Hexachlorocyclopentadiene
Concen: 90.05 ng
RT: 9.93 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB81898BS

Tgt Ion: 237 Resp: 170759
Ion Ratio Lower Upper
237 100
235 60.9 41.0 81.0
272 14.6 0.0 34.3

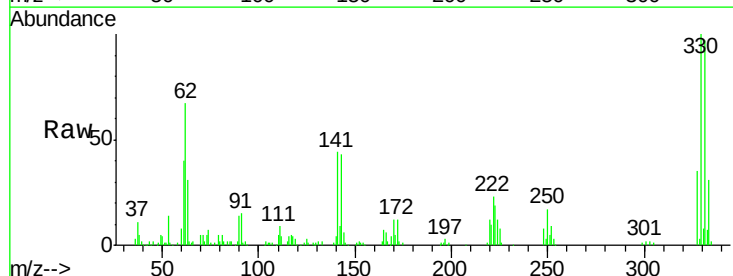


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

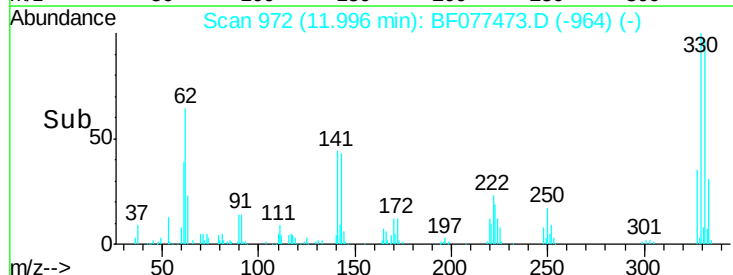
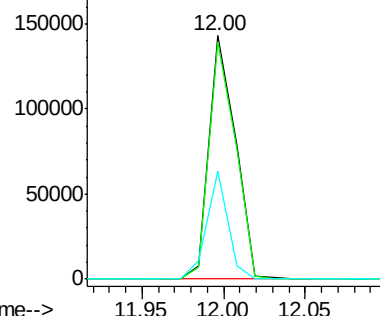


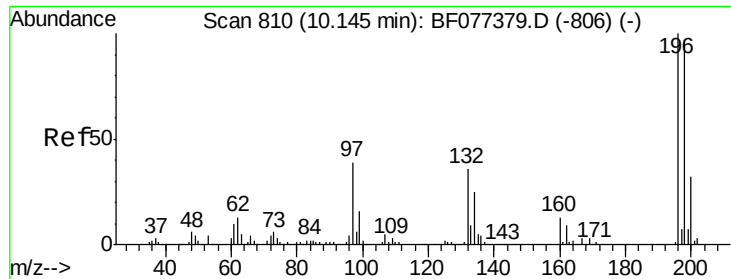
#41
2,4,6-Tribromophenol
Concen: 134.37 ng
RT: 12.00 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Tgt Ion: 330 Resp: 159466
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 35.5 28.8 43.2



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

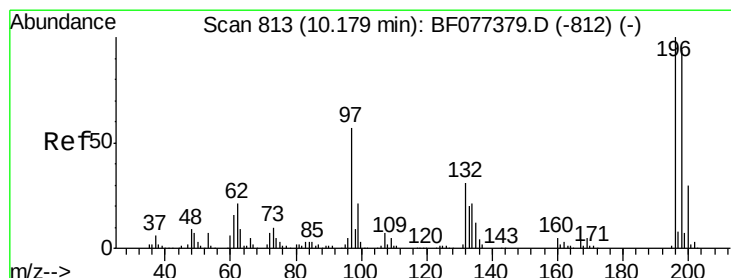
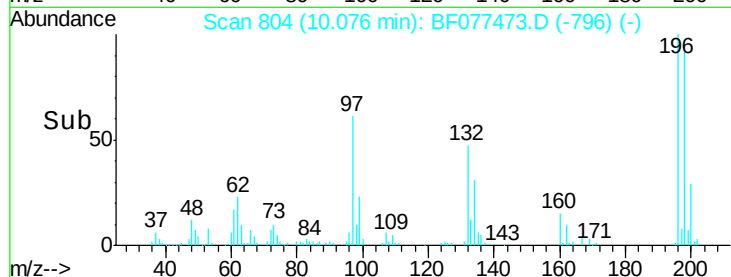
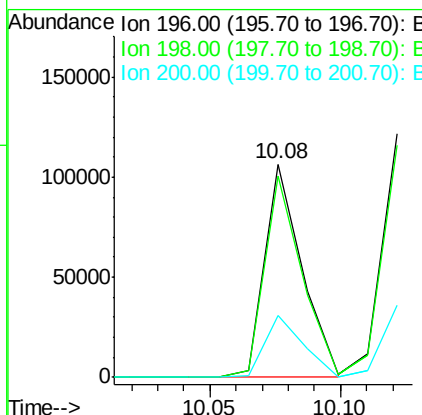
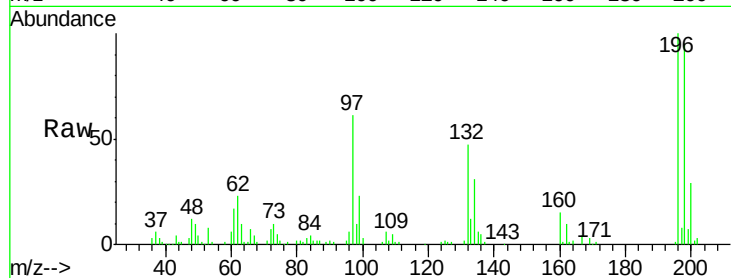




#42
 2,4,6-Trichlorophenol
 Concen: 45.26 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF077473.D
 Acq: 26 Feb 2015 19:03

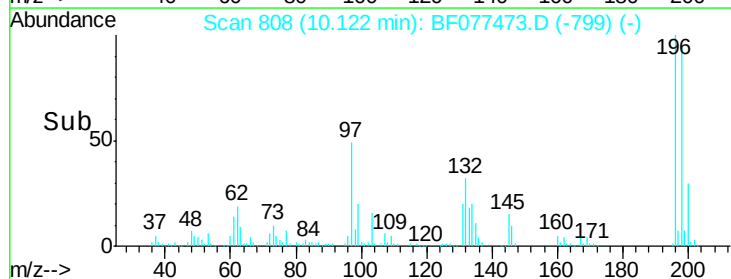
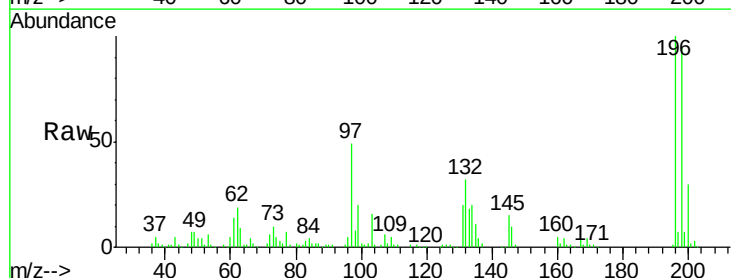
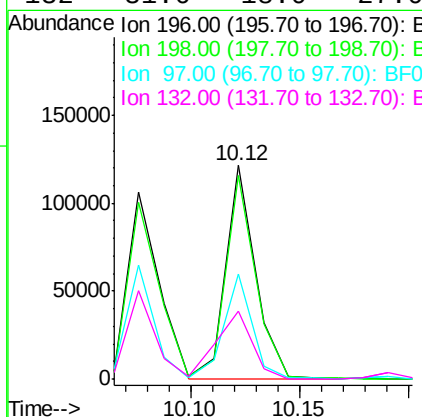
Instrument :
 BNA_F
 ClientSampleId :
 PB81898BS

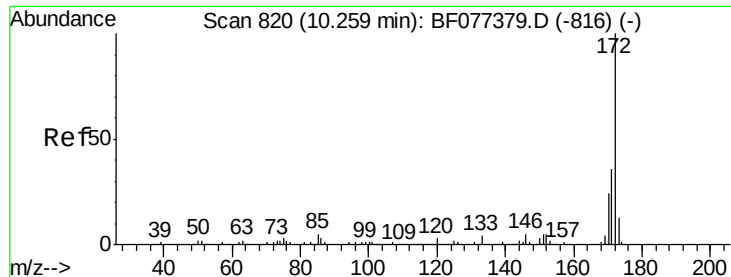
Tgt Ion:196 Resp: 105997
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.8 113.8
 200 29.0 24.2 36.4



#43
 2,4,5-Trichlorophenol
 Concen: 45.72 ng
 RT: 10.12 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF077473.D
 Acq: 26 Feb 2015 19:03

Tgt Ion:196 Resp: 114508
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.2 115.8
 97 49.3 27.7 41.5#
 132 31.6 18.0 27.0#

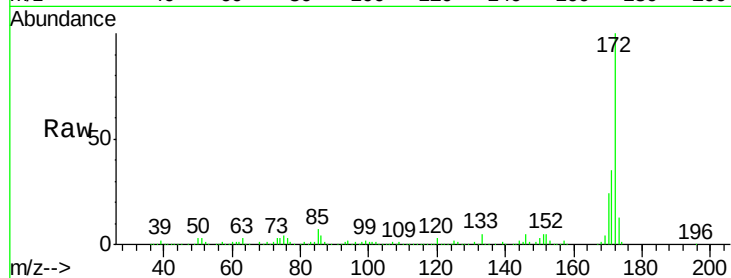




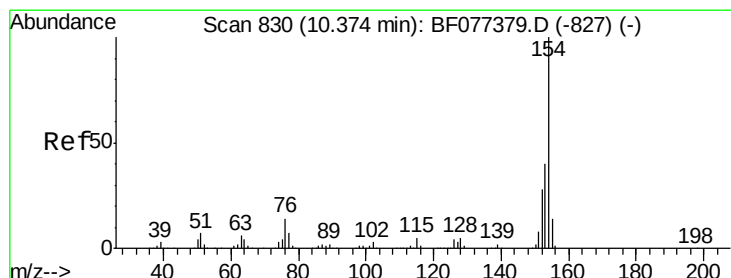
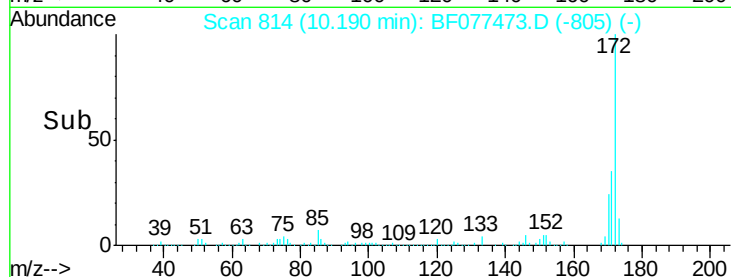
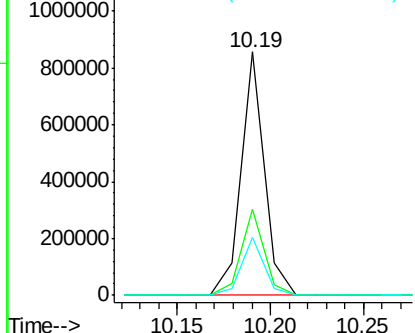
#44
 2-Fluorobiphenyl
 Concen: 94.22 ng
 RT: 10.19 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF077473.D
 Acq: 26 Feb 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81898BS

Tgt Ion:172 Resp: 744776
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.9 43.3
 170 23.8 19.4 29.2

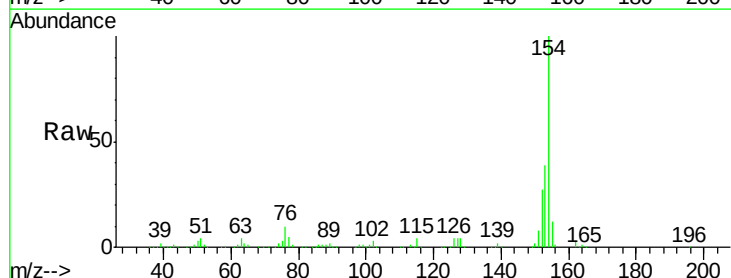


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

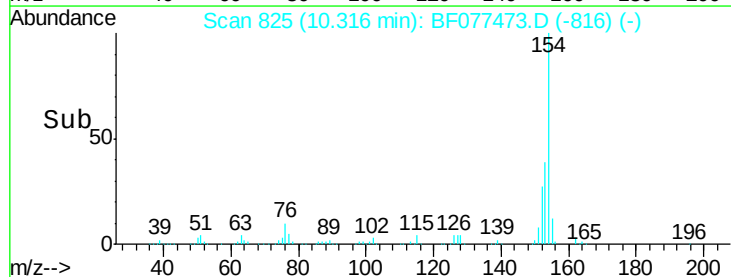
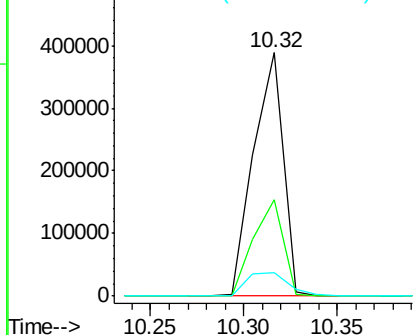


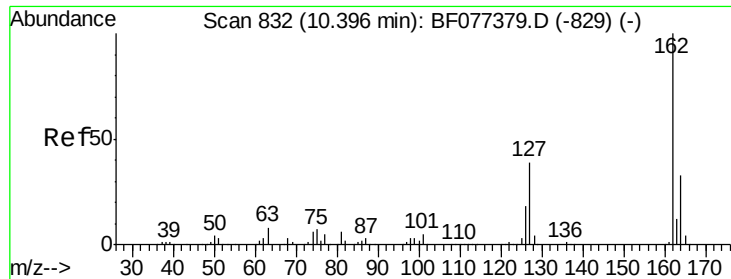
#45
 1,1'-Biphenyl
 Concen: 45.88 ng
 RT: 10.32 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF077473.D
 Acq: 26 Feb 2015 19:03

Tgt Ion:154 Resp: 428440
 Ion Ratio Lower Upper
 154 100
 153 39.4 20.2 60.2
 76 9.7 0.0 29.4



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

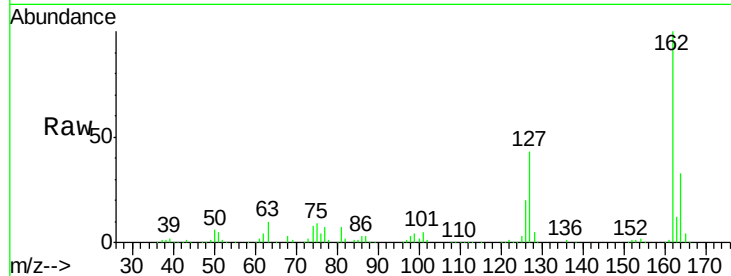




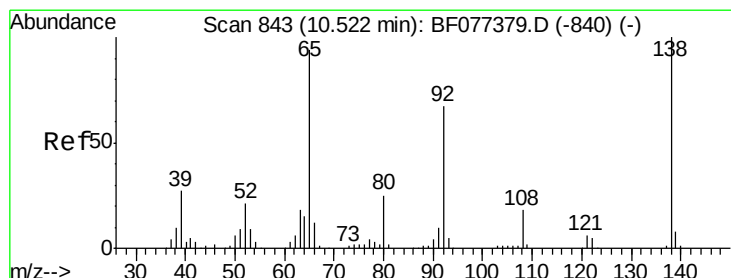
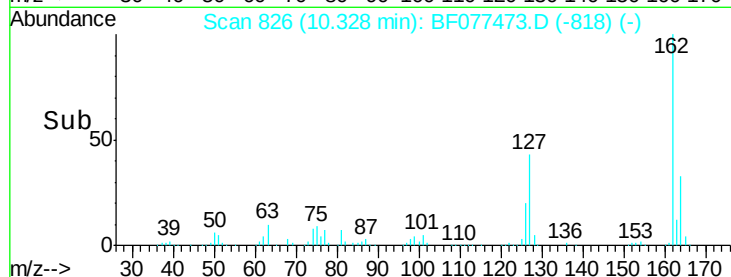
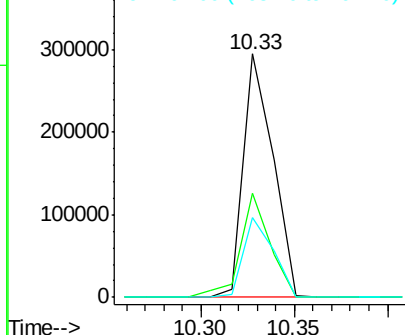
#46
 2-Chloronaphthalene
 Concen: 44.29 ng
 RT: 10.33 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF077473.D
 Acq: 26 Feb 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81898BS

Tgt Ion: 162 Resp: 324370
 Ion Ratio Lower Upper
 162 100
 127 42.6 33.3 49.9
 164 32.6 26.2 39.4

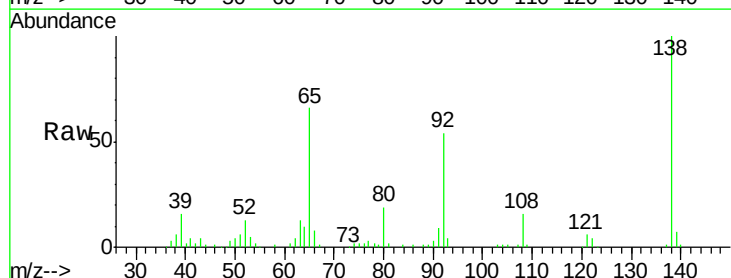


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

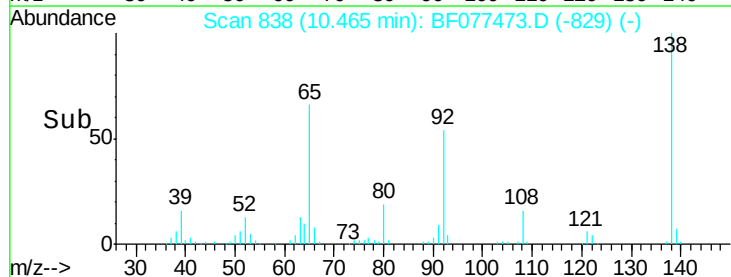
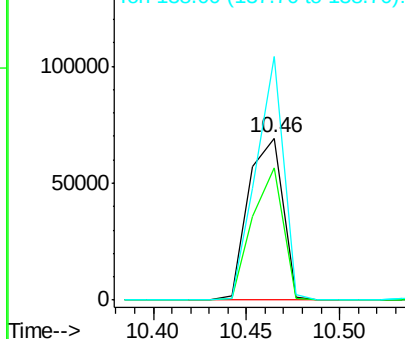


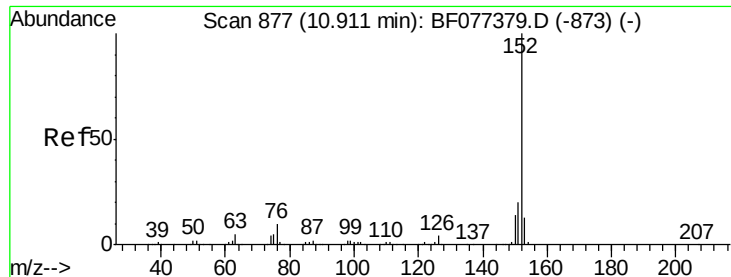
#47
 2-Nitroaniline
 Concen: 49.05 ng
 RT: 10.46 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF077473.D
 Acq: 26 Feb 2015 19:03

Tgt Ion: 65 Resp: 88430
 Ion Ratio Lower Upper
 65 100
 92 81.6 52.4 78.6#
 138 150.4 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: 45.59 ng

RT: 10.84 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS

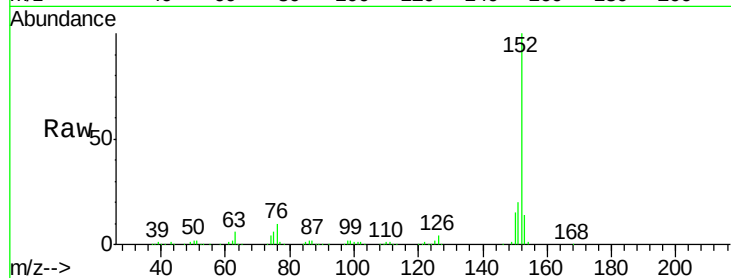
Tgt Ion:152 Resp: 528581

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

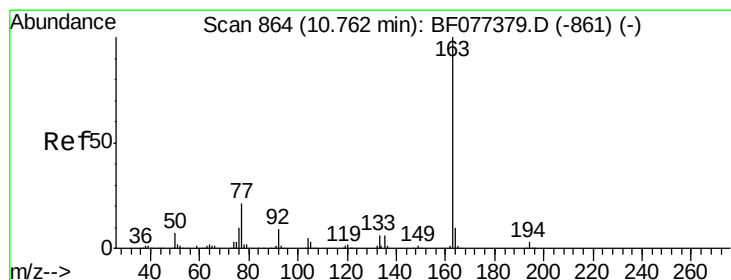
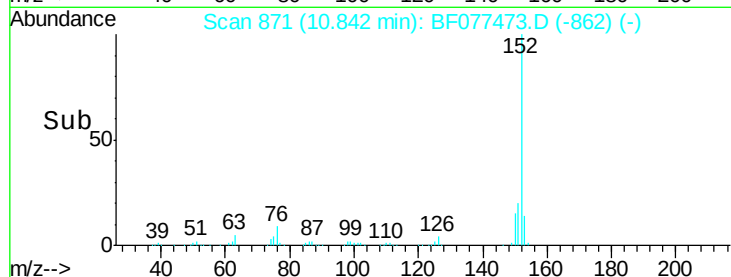
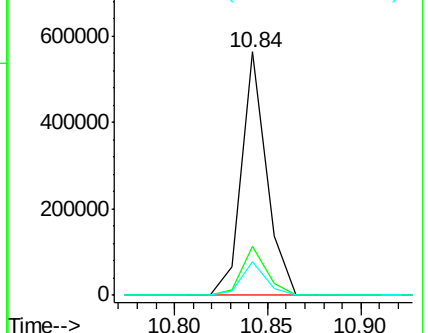
153 13.7 10.9 16.3



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: 45.48 ng

RT: 10.70 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

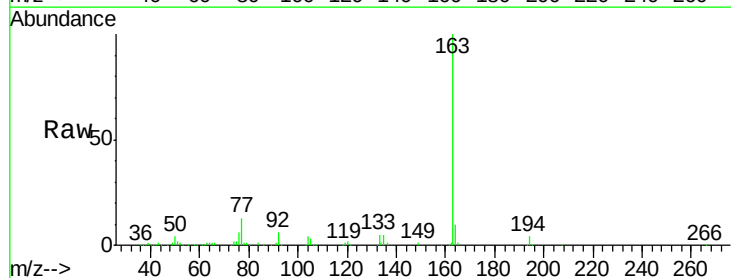
Tgt Ion:163 Resp: 393997

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

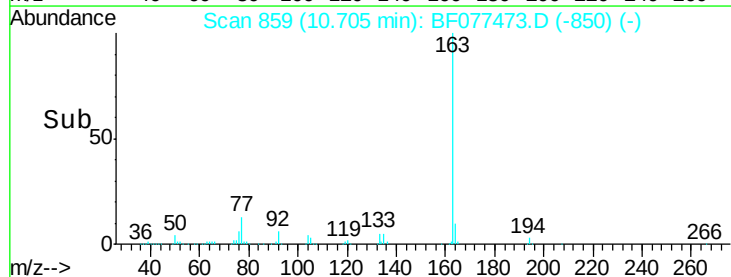
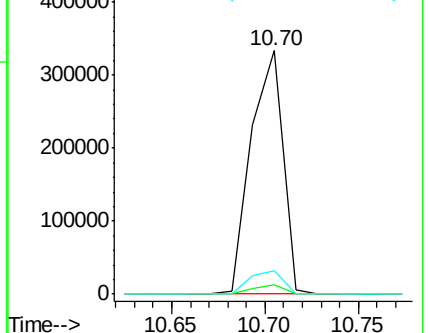
164 9.5 8.6 13.0

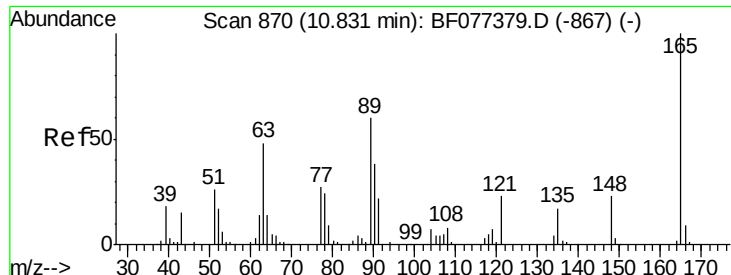


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

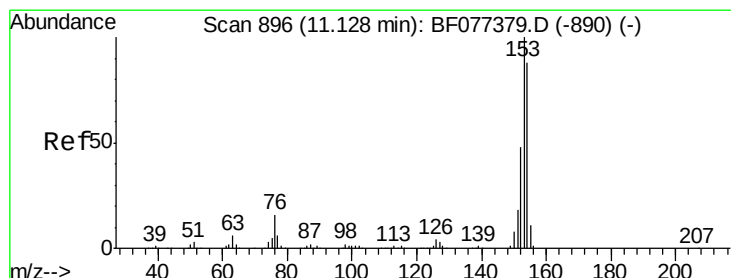
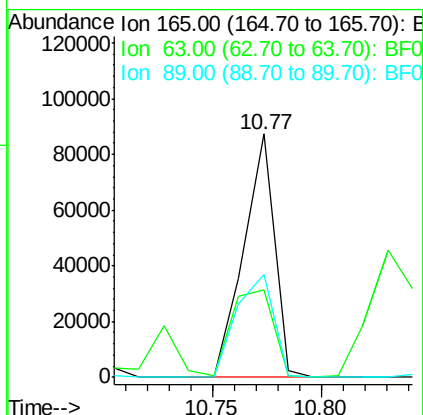
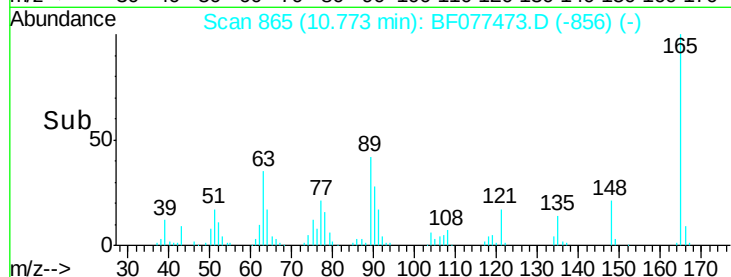
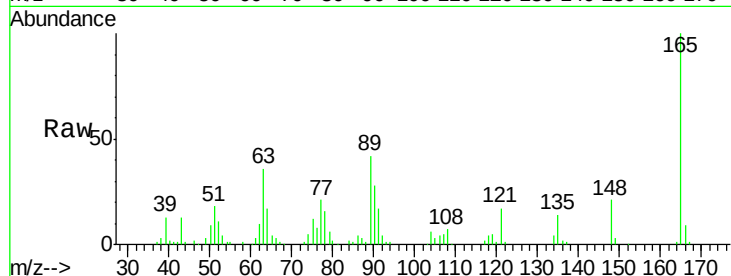




#50
2,6-Dinitrotoluene
Concen: 49.54 ng
RT: 10.77 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

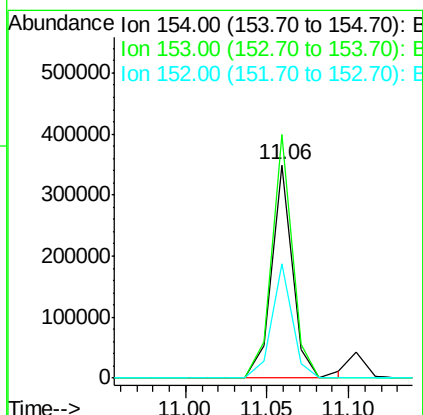
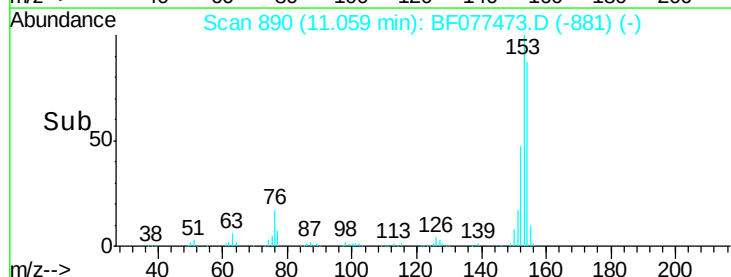
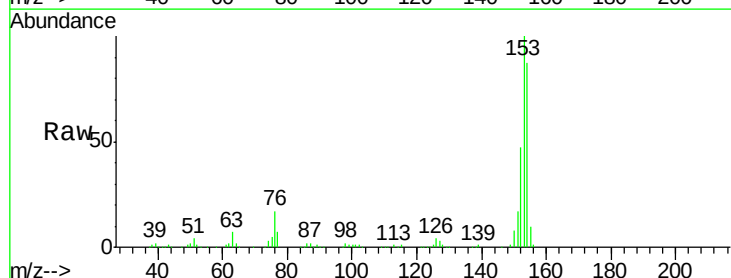
Instrument :
BNA_F
ClientSampleId :
PB81898BS

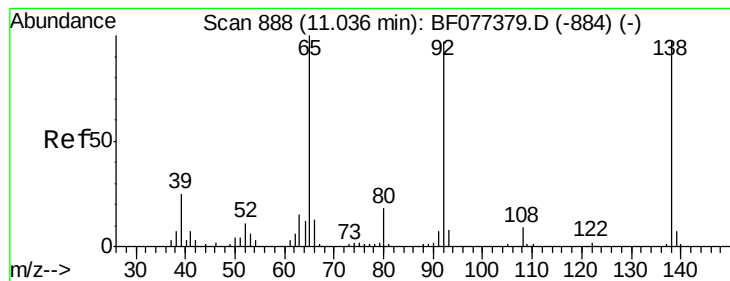
Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.9	25.2	37.8
89	42.4	30.5	45.7



#51
Acenaphthene
Concen: 45.59 ng
RT: 11.06 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.5	135.7
152	53.5	43.5	65.3





#52

3-Nitroaniline

Concen: 31.21 ng

RT: 10.97 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS

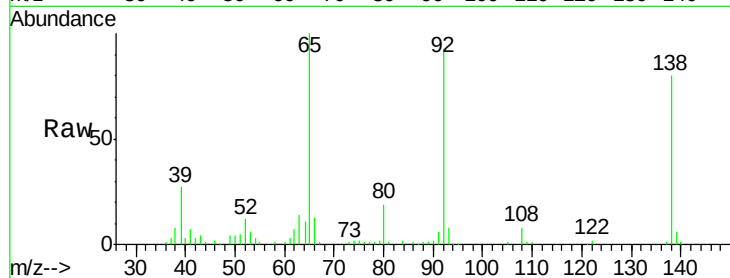
Tgt Ion:138 Resp: 62515

Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.8

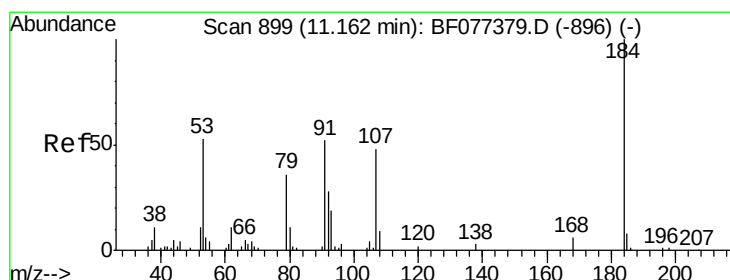
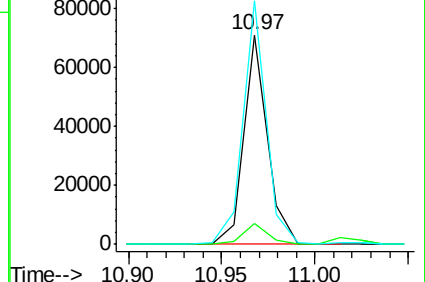
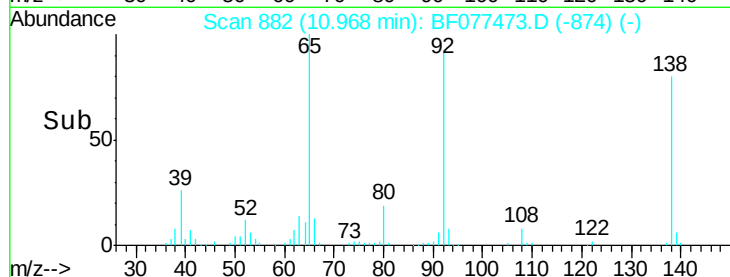
92 116.3 90.6 135.8



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): BF0



#53

2,4-Dinitrophenol

Concen: 114.90 ng

RT: 11.10 min Scan# 894

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

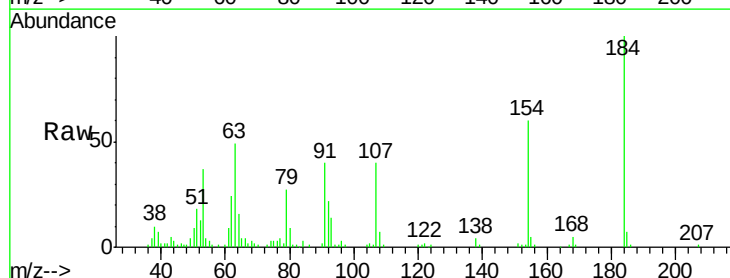
Tgt Ion:184 Resp: 60748

Ion Ratio Lower Upper

184 100

63 49.1 29.5 44.3#

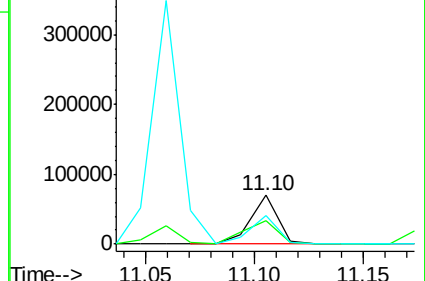
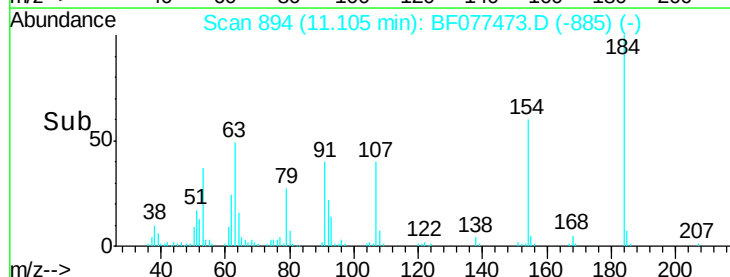
154 59.7 43.2 64.8

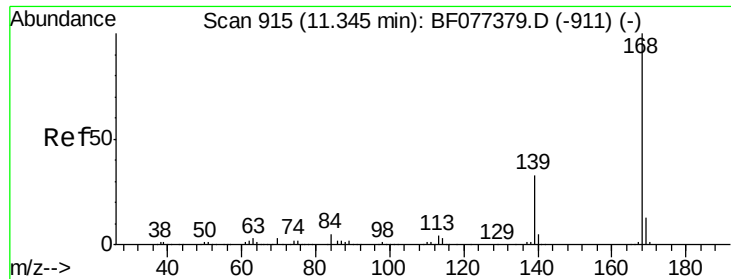


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 44.87 ng

RT: 11.28 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS

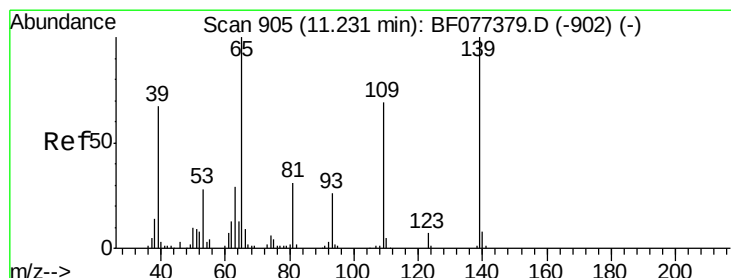
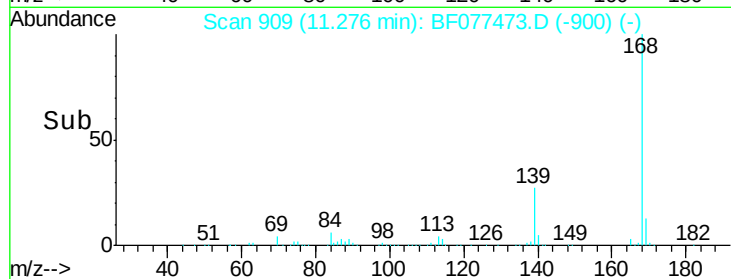
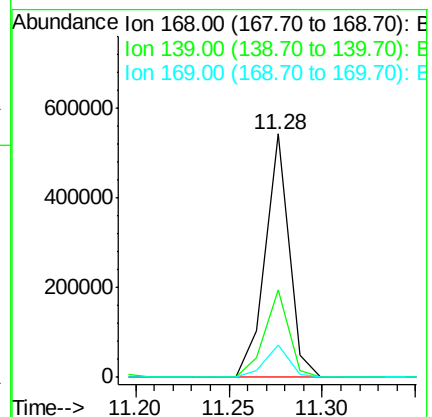
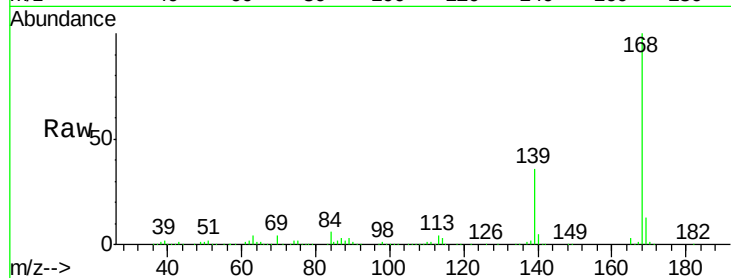
Tgt Ion:168 Resp: 479308

Ion Ratio Lower Upper

168 100

139 36.1 29.3 43.9

169 13.4 10.9 16.3



#55

4-Nitrophenol

Concen: 99.87 ng

RT: 11.18 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

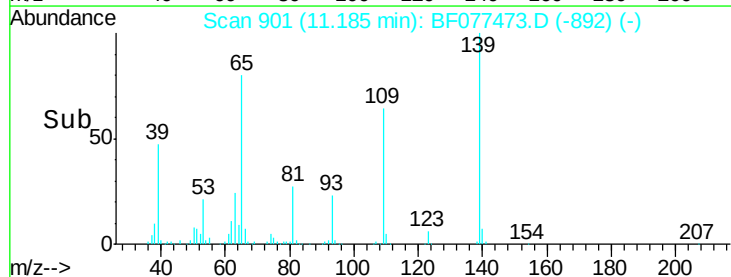
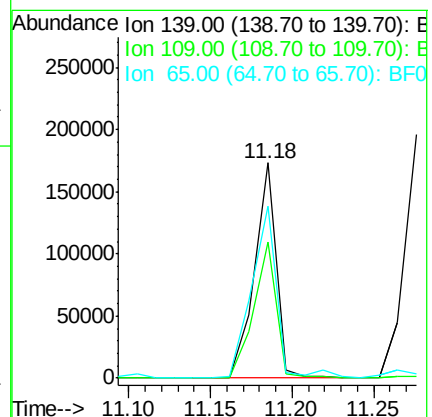
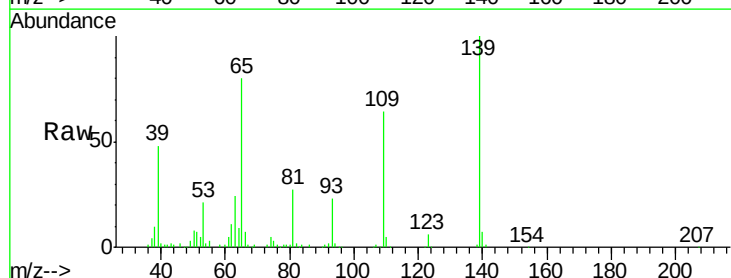
Tgt Ion:139 Resp: 160908

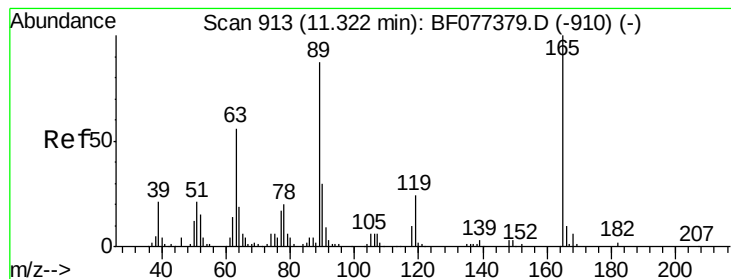
Ion Ratio Lower Upper

139 100

109 63.5 36.2 76.2

65 79.9 40.3 80.3





#56

2,4-Dinitrotoluene

Concen: 48.18 ng

RT: 11.26 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS

Tgt Ion:165 Resp: 113127

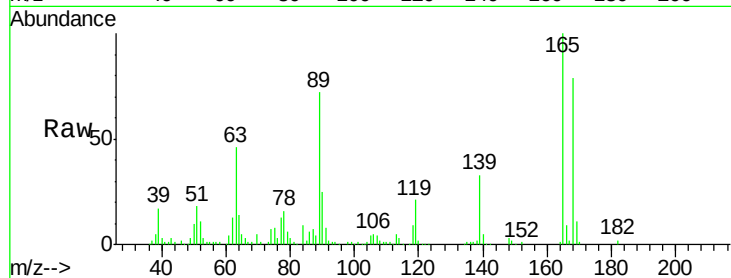
Ion Ratio Lower Upper

165 100

63 45.9 29.8 44.8#

89 71.7 48.5 72.7

182 2.4 1.9 2.9

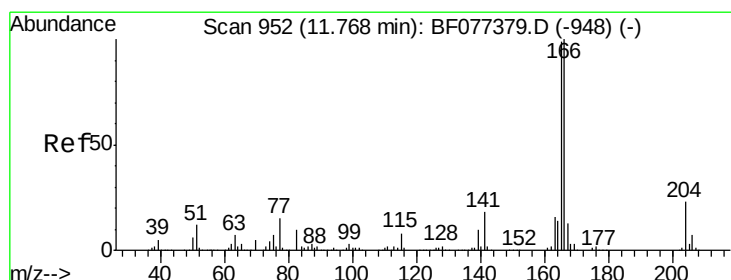
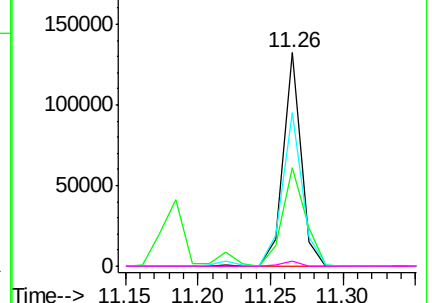
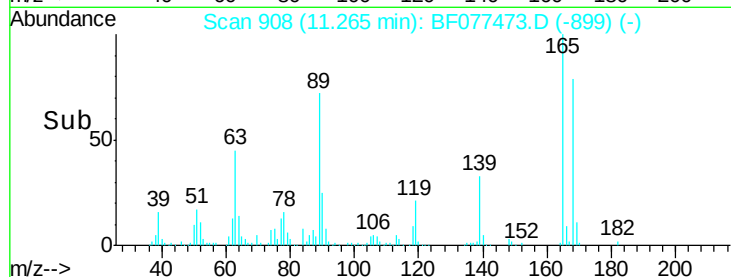


Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.49 ng

RT: 11.70 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

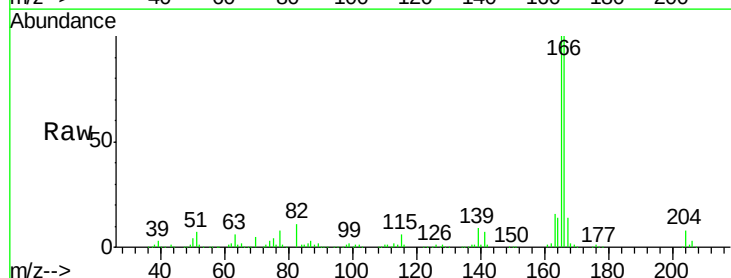
Tgt Ion:166 Resp: 379941

Ion Ratio Lower Upper

166 100

165 100.1 77.6 116.4

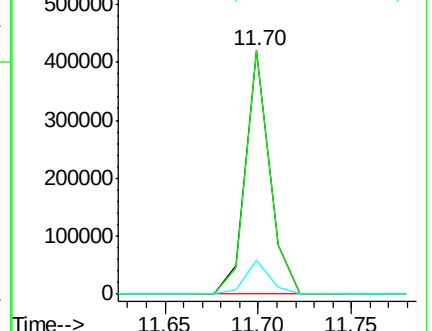
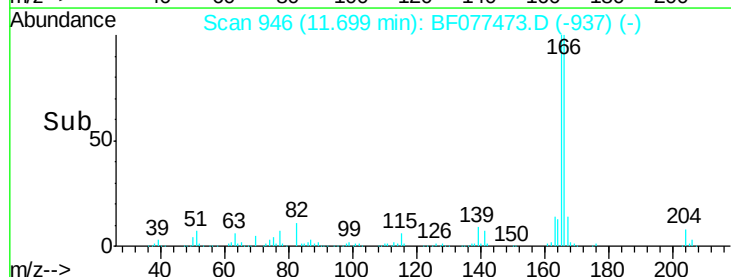
167 13.6 10.6 16.0

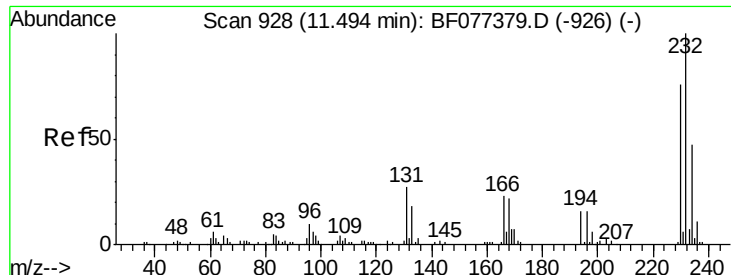


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

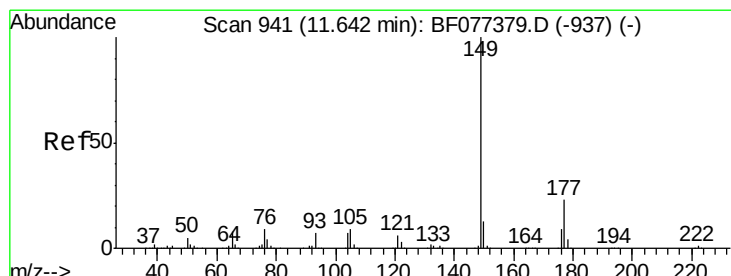
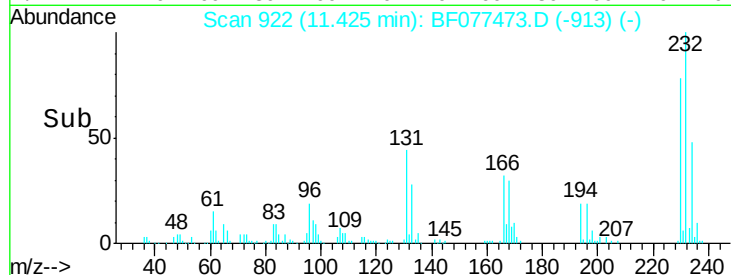
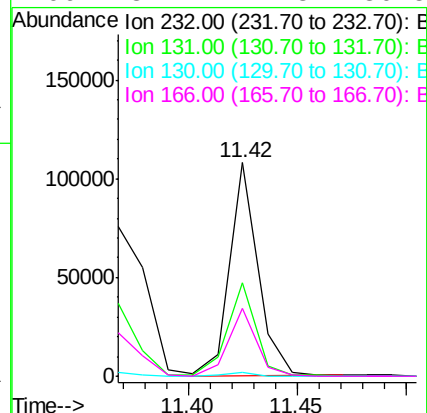
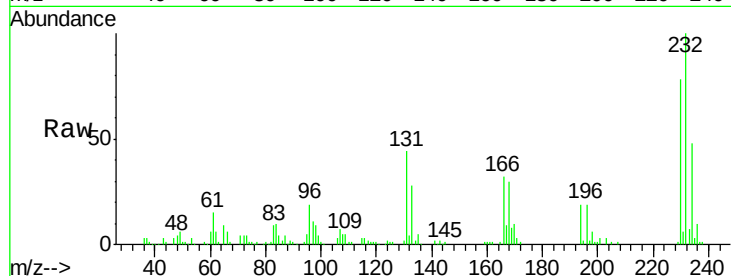




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.16 ng
 RT: 11.42 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF077473.D
 Acq: 26 Feb 2015 19:03

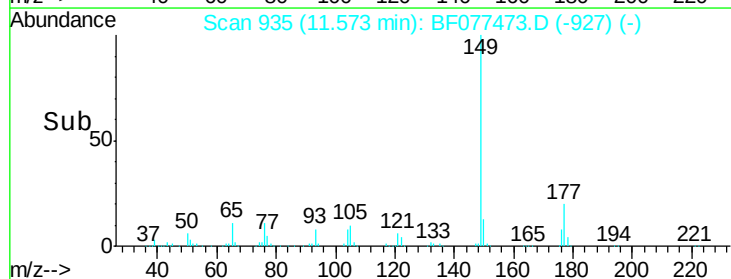
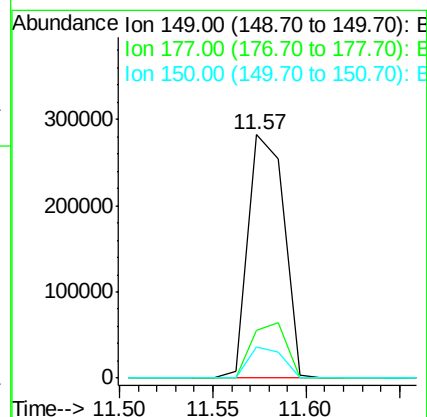
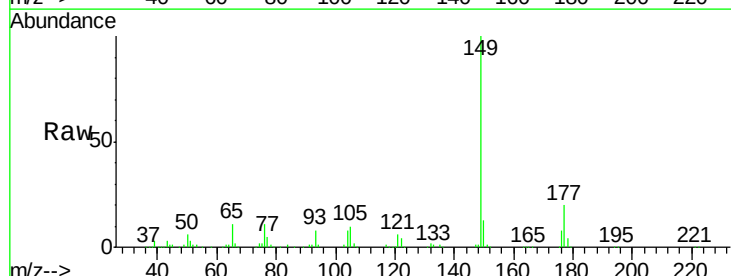
Instrument :
 BNA_F
 ClientSampleId :
 PB81898BS

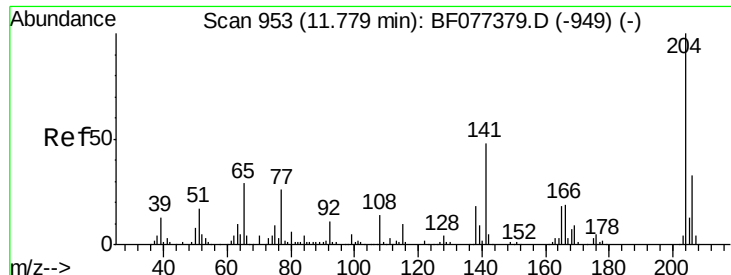
Tgt Ion:	232	Resp:	96963
Ion	Ratio	Lower	Upper
232	100		
131	44.8	34.2	51.2
130	2.0	1.8	2.6
166	32.2	24.3	36.5



#59
 Diethylphthalate
 Concen: 43.89 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF077473.D
 Acq: 26 Feb 2015 19:03

Tgt Ion:	149	Resp:	374888
Ion	Ratio	Lower	Upper
149	100		
177	19.6	17.2	25.8
150	12.8	10.5	15.7

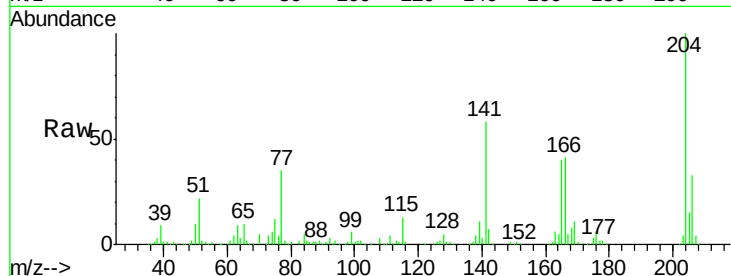




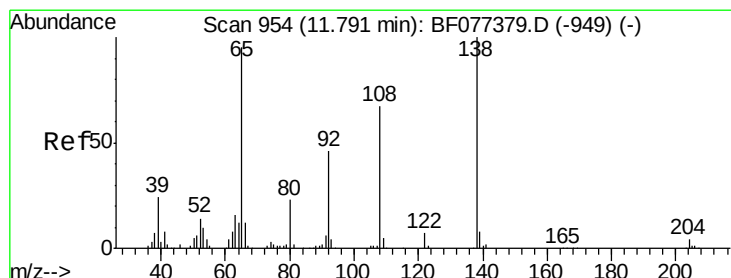
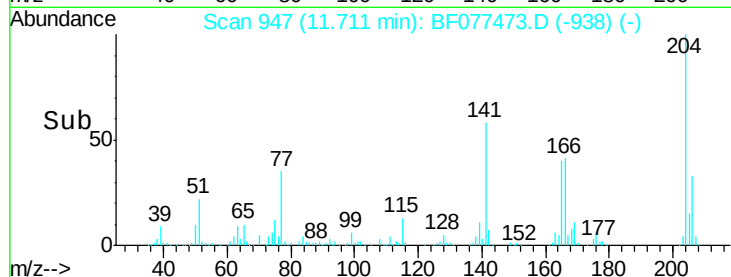
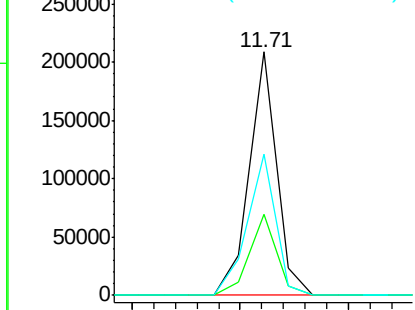
#60
 4-Chlorophenyl-phenylether
 Concen: 44.35 ng
 RT: 11.71 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF077473.D
 Acq: 26 Feb 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81898BS

Tgt Ion: 204 Resp: 182487
 Ion Ratio Lower Upper
 204 100
 206 33.1 25.9 38.9
 141 58.0 43.6 65.4

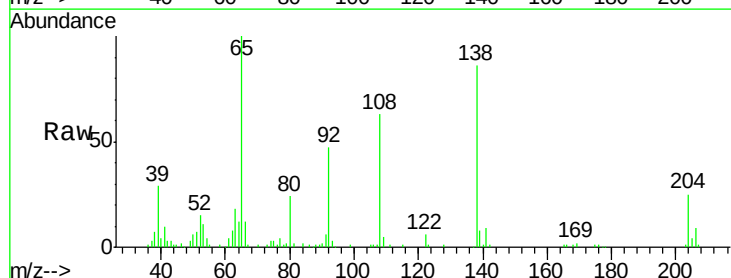


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

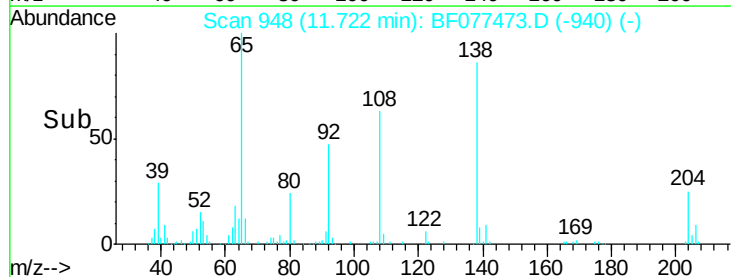
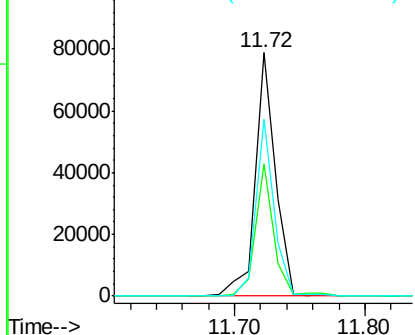


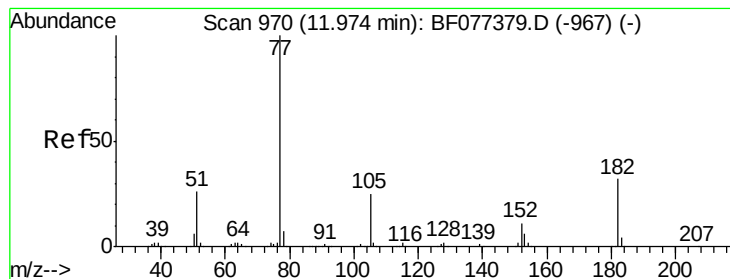
#61
 4-Nitroaniline
 Concen: 44.54 ng
 RT: 11.72 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF077473.D
 Acq: 26 Feb 2015 19:03

Tgt Ion: 138 Resp: 85525
 Ion Ratio Lower Upper
 138 100
 92 54.5 32.8 72.8
 108 72.9 52.1 92.1



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





#62

Azobenzene

Concen: 43.47 ng

RT: 11.90 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS

Tgt Ion: 77 Resp: 352272

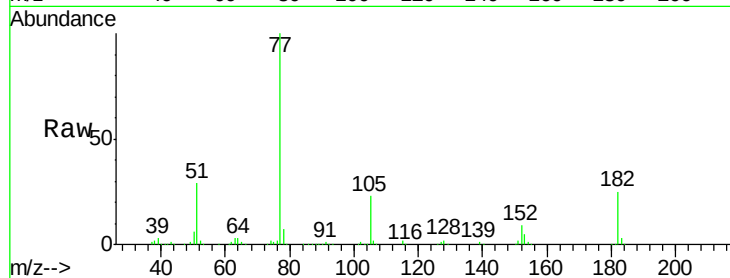
Ion Ratio Lower Upper

77 100

182 24.9 4.9 44.9

105 23.2 3.3 43.3

51 28.6 8.9 48.9

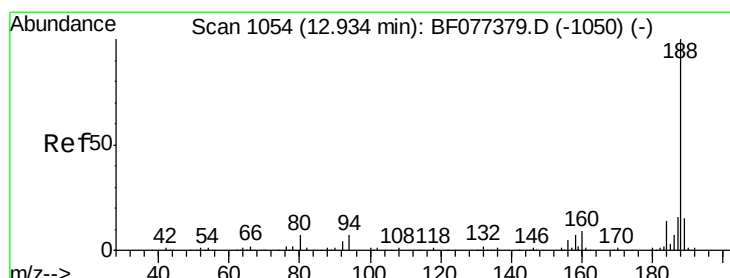
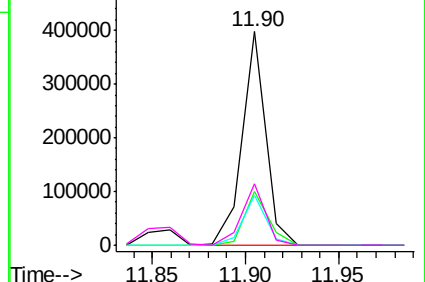
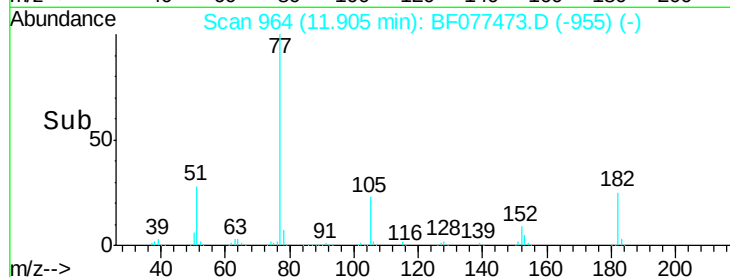


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.87 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

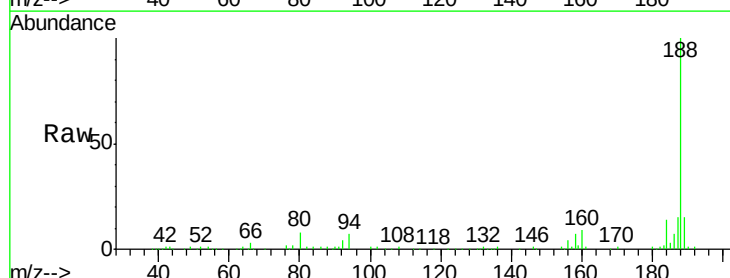
Tgt Ion: 188 Resp: 243830

Ion Ratio Lower Upper

188 100

94 7.4 7.4 11.2#

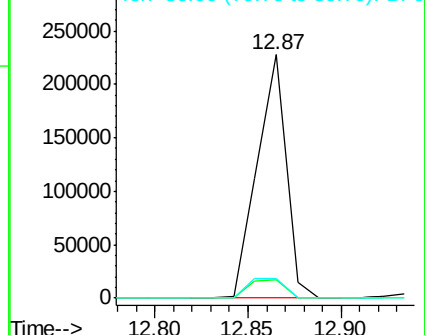
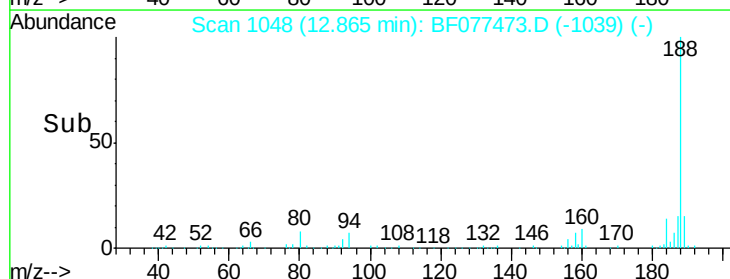
80 7.9 8.0 12.0#

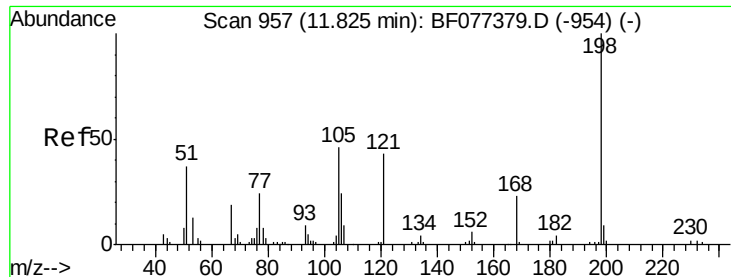


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

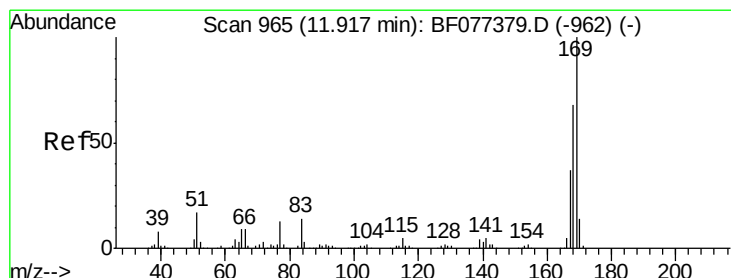
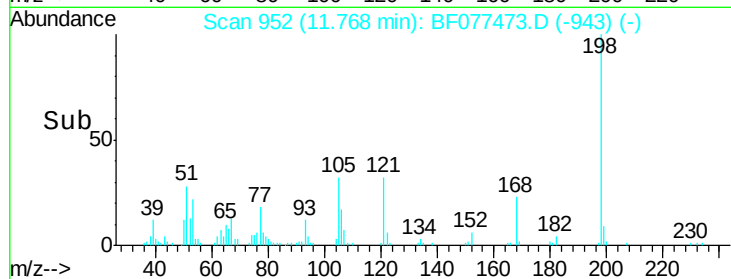
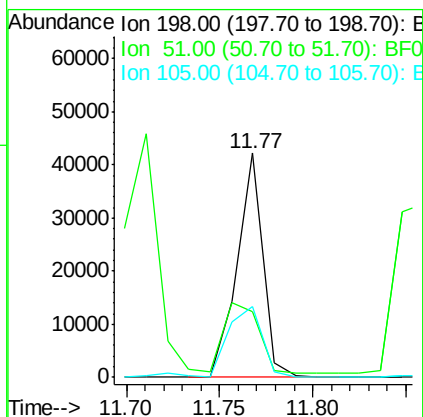
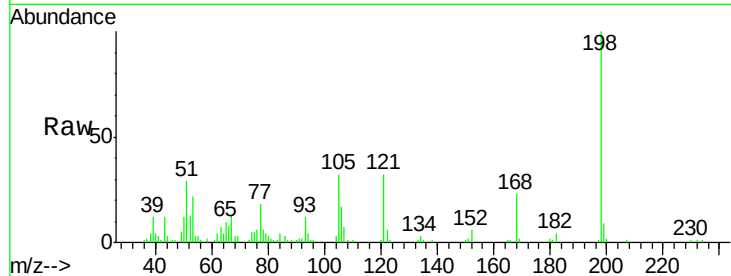




#64
4,6-Dinitro-2-methylphenol
Concen: 42.44 ng
RT: 11.77 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

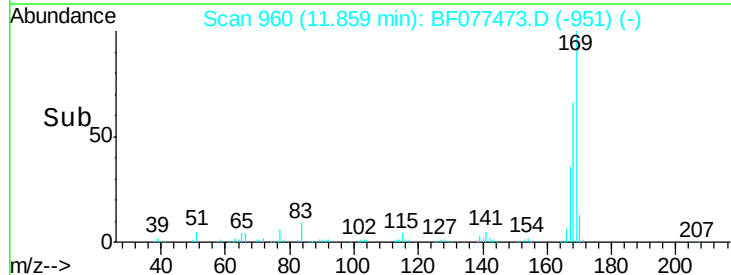
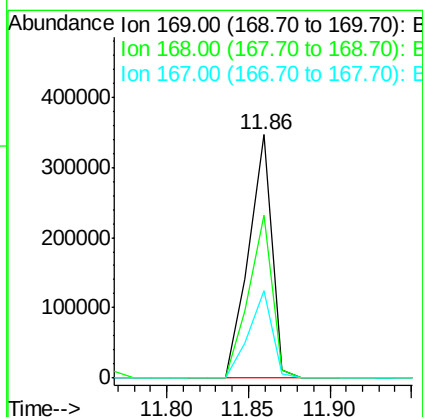
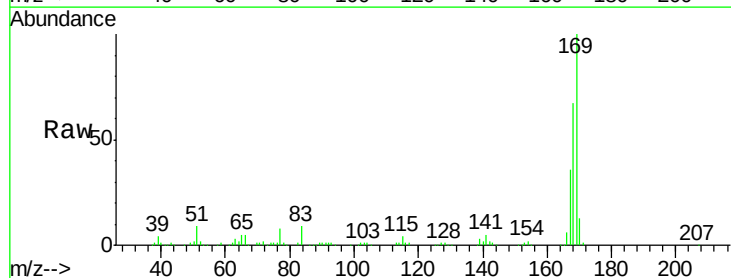
Instrument :
BNA_F
ClientSampleId :
PB81898BS

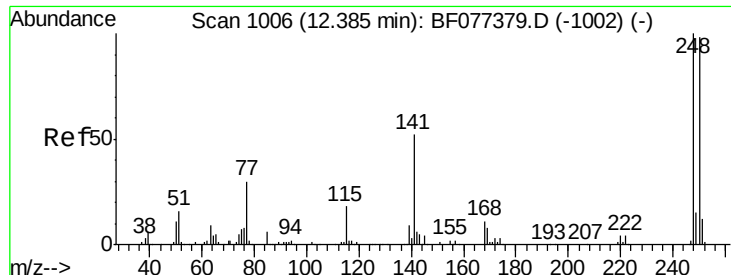
Tgt Ion:198 Resp: 40836
Ion Ratio Lower Upper
198 100
51 29.0 2.7 42.7
105 31.7 10.0 50.0



#65
n-Nitrosodiphenylamine
Concen: 42.42 ng
RT: 11.86 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Tgt Ion:169 Resp: 343207
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 35.8 29.5 44.3

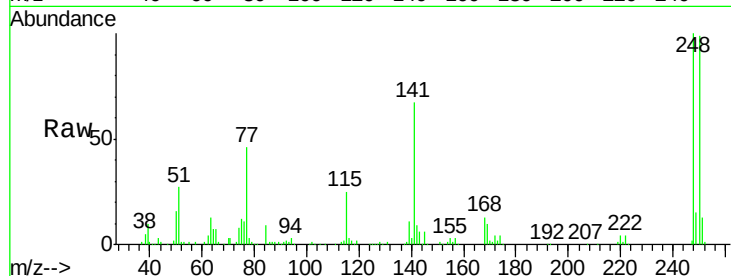




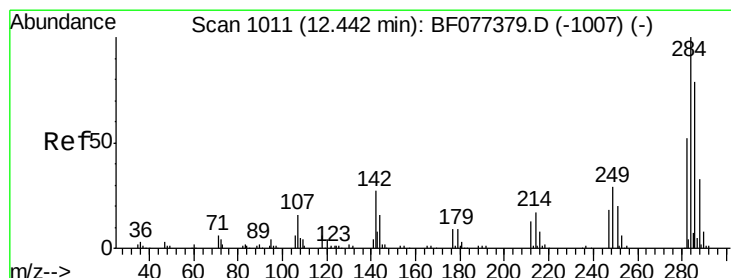
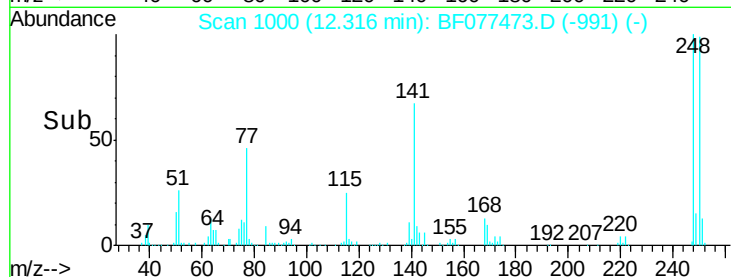
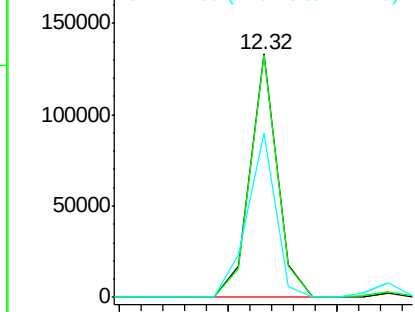
#66
4-Bromophenyl-phenylether
Concen: 40.33 ng
RT: 12.32 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB81898BS

Tgt Ion:248 Resp: 115154
Ion Ratio Lower Upper
248 100
250 99.4 78.0 117.0
141 67.2 54.1 81.1

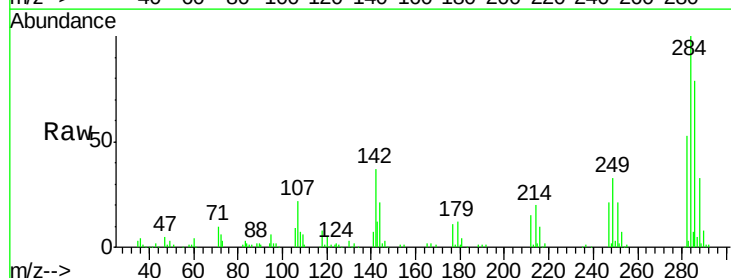


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

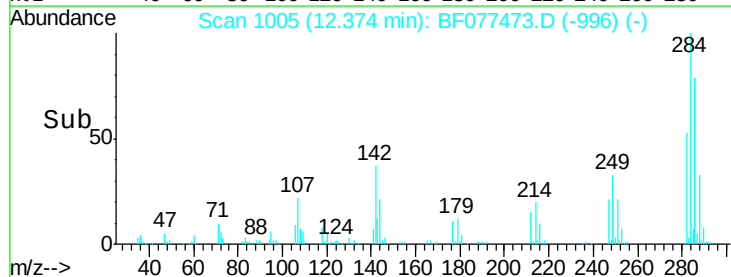
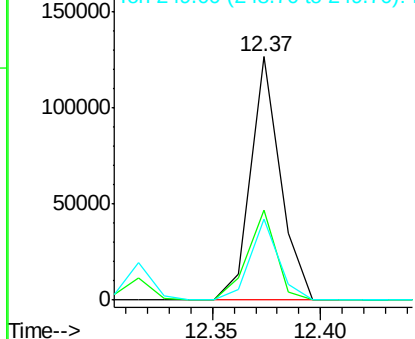


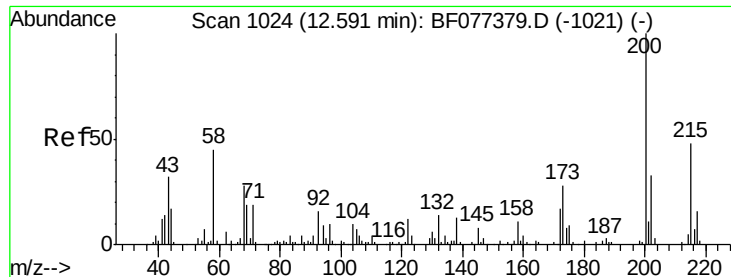
#67
Hexachlorobenzene
Concen: 39.18 ng
RT: 12.37 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Tgt Ion:284 Resp: 120071
Ion Ratio Lower Upper
284 100
142 37.0 31.6 47.4
249 33.2 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

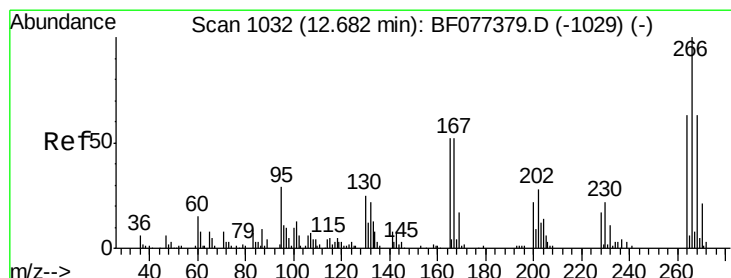
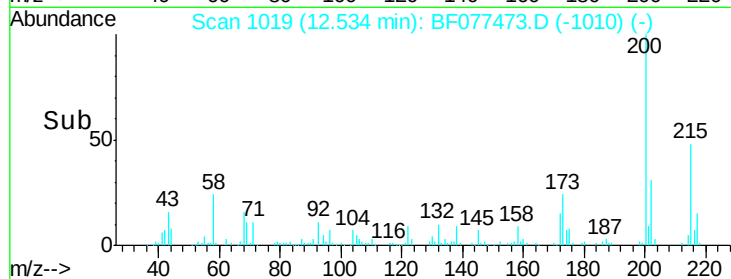
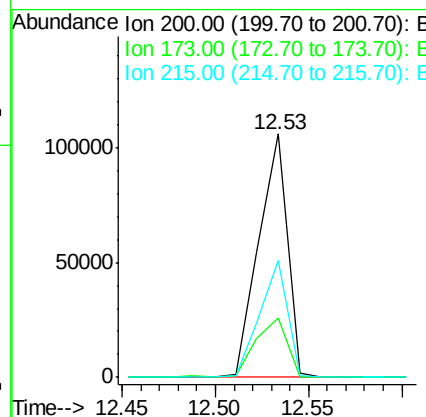
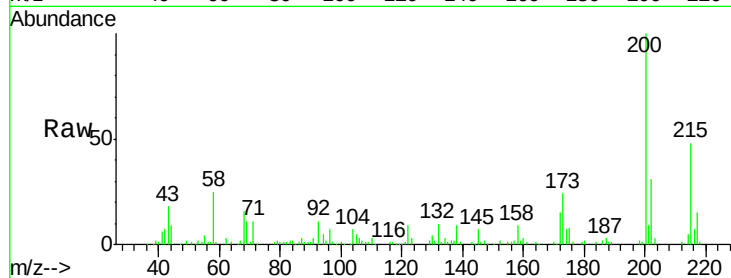




#68
 Atrazine
 Concen: 42.56 ng
 RT: 12.53 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF077473.D
 Acq: 26 Feb 2015 19:03

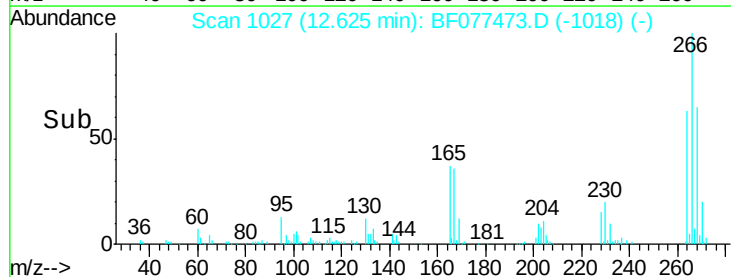
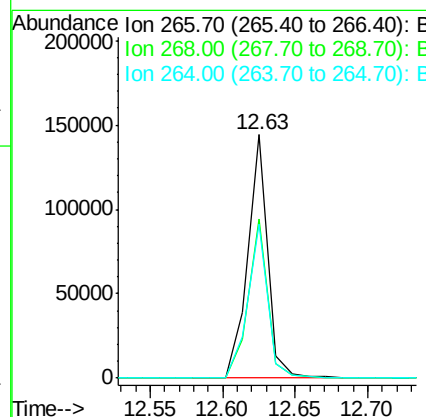
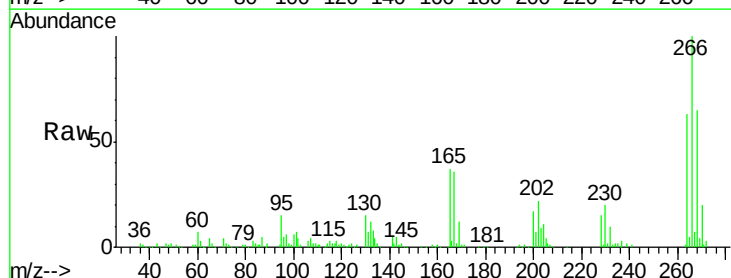
Instrument :
 BNA_F
 ClientSampleId :
 PB81898BS

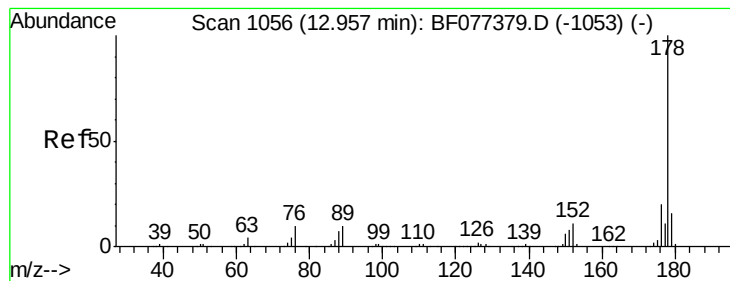
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.3	9.6	49.6
215	48.1	24.4	64.4



#69
 Pentachlorophenol
 Concen: 86.04 ng
 RT: 12.63 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF077473.D
 Acq: 26 Feb 2015 19:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.2	76.8
264	63.4	50.7	76.1





#70

Phenanthrene

Concen: 41.11 ng

RT: 12.89 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS

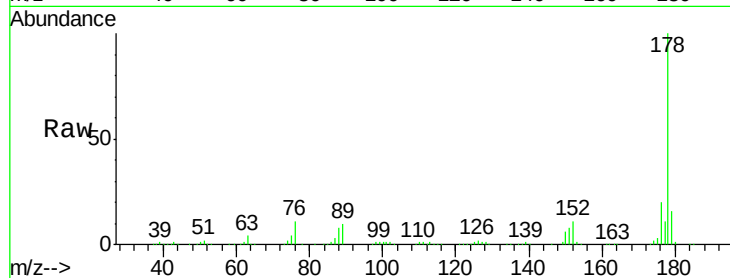
Tgt Ion:178 Resp: 580978

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

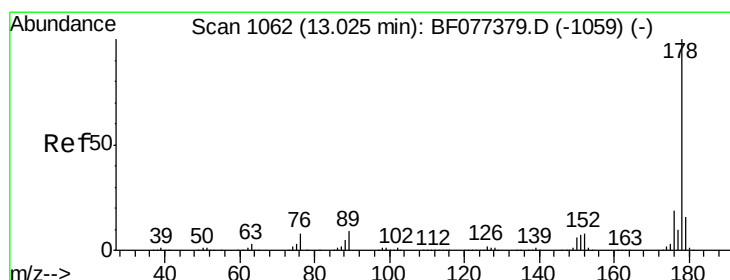
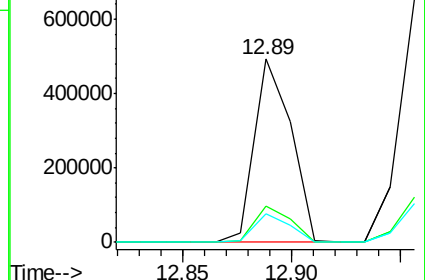
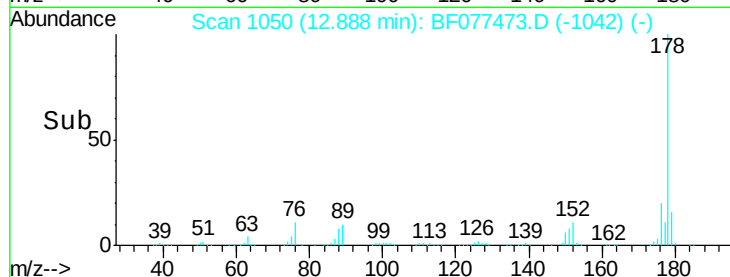
179 15.8 12.2 18.2



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: 42.58 ng

RT: 12.96 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

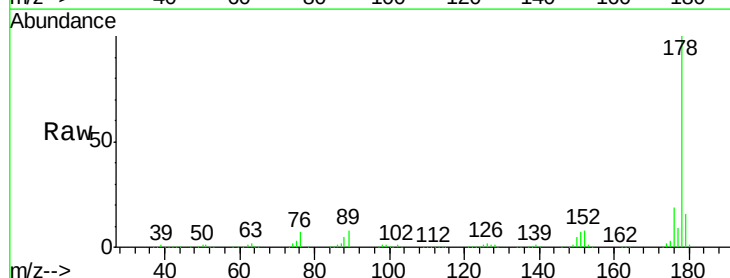
Tgt Ion:178 Resp: 597096

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

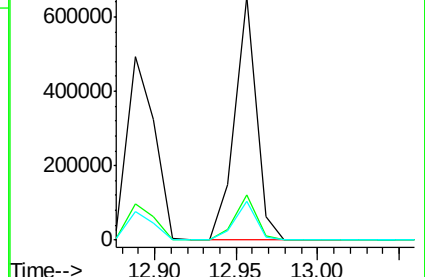
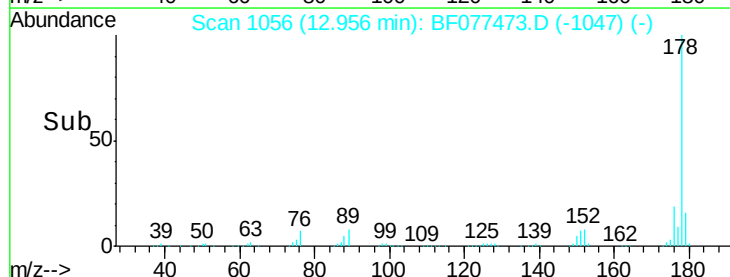
179 15.7 12.9 19.3

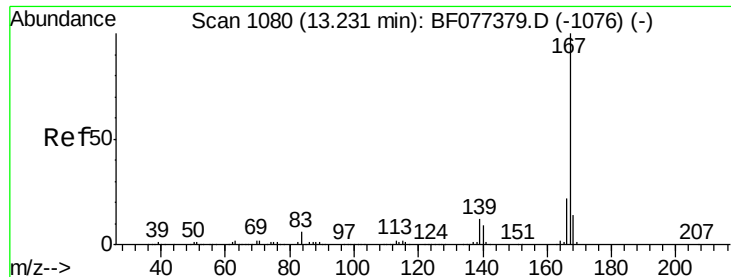


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 43.26 ng

RT: 13.16 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS

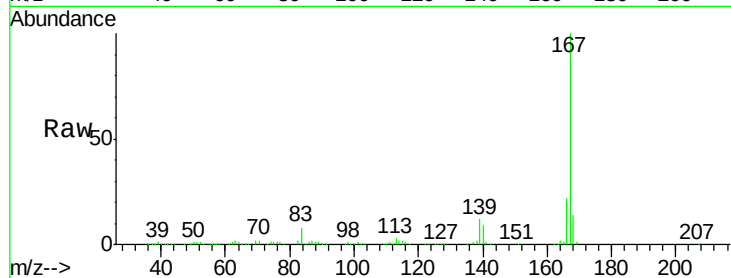
Tgt Ion:167 Resp: 576919

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

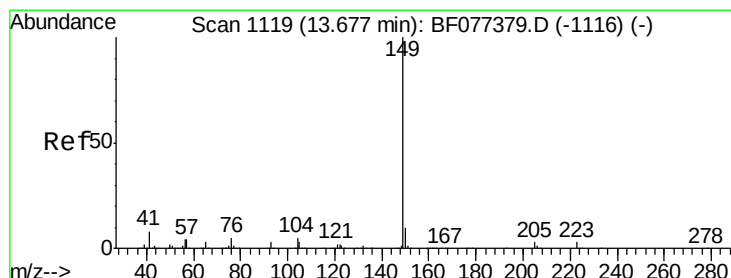
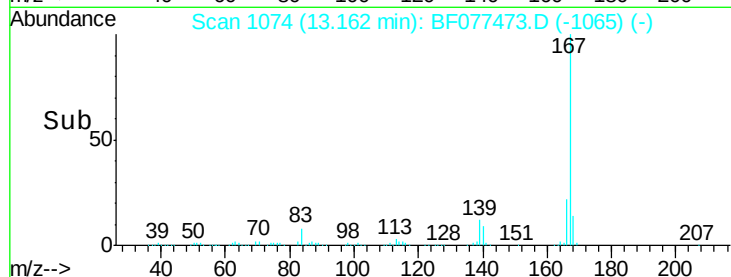
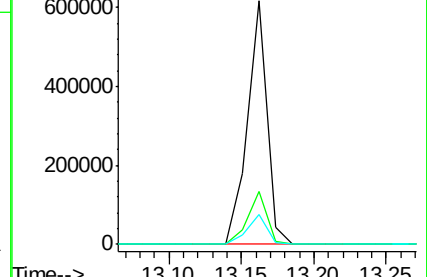
139 12.1 9.9 14.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 40.21 ng

RT: 13.62 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

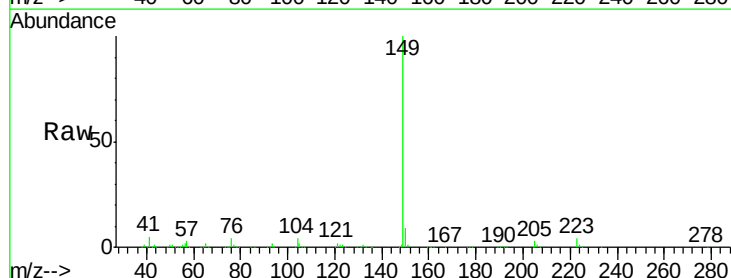
Tgt Ion:149 Resp: 629648

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.8

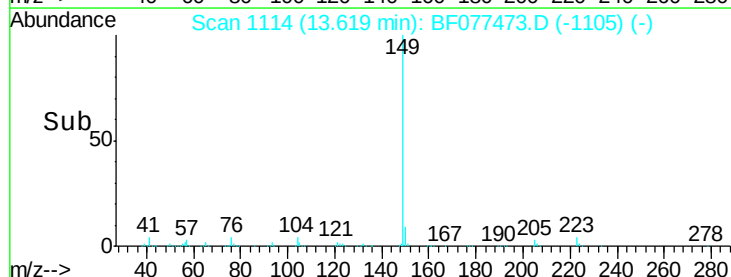
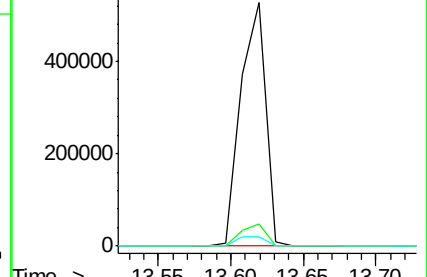
104 4.0 4.1 6.1#

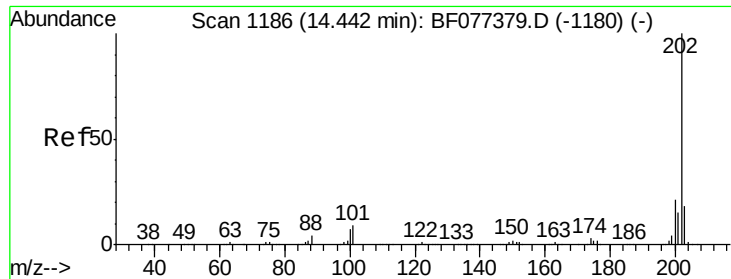


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

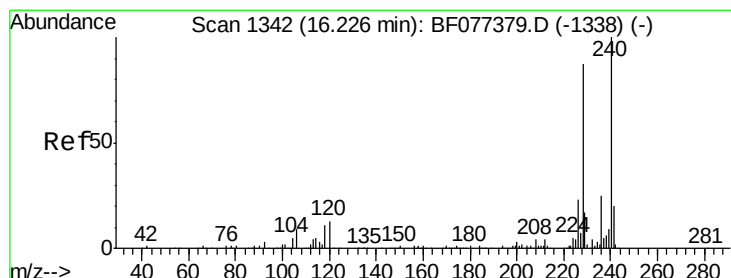
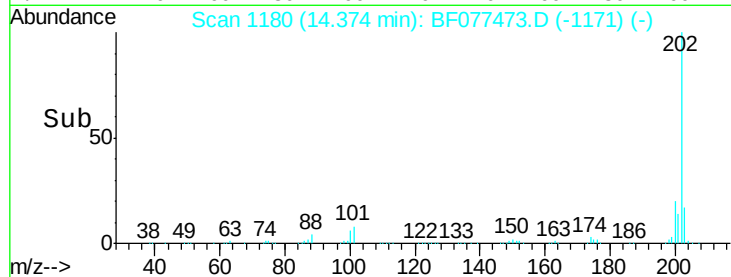
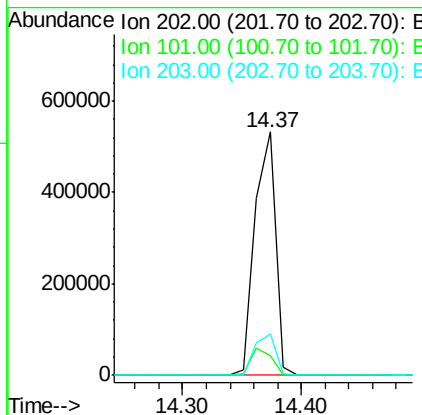
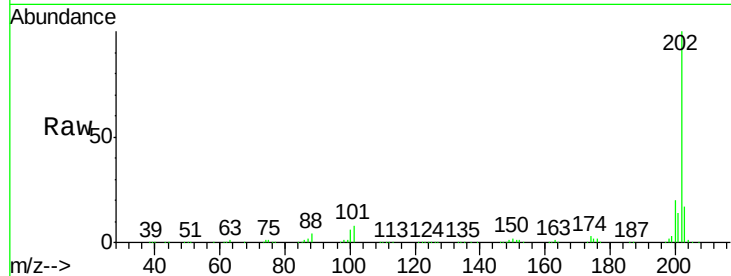




#74
Fluoranthene
Concen: 42.41 ng
RT: 14.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

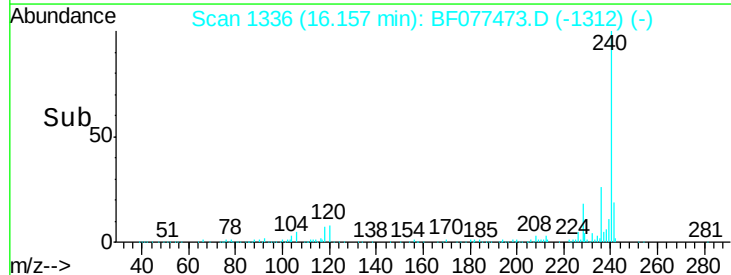
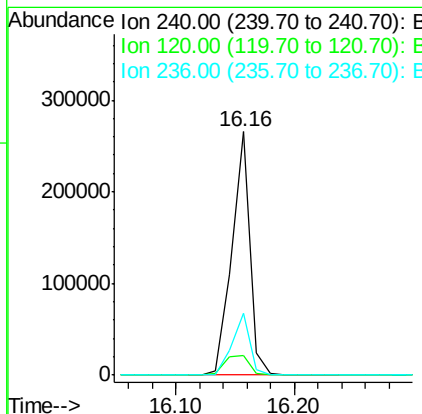
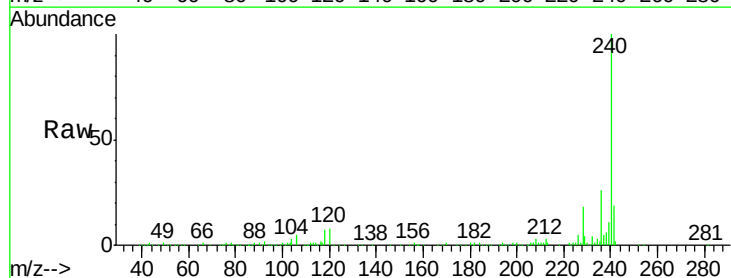
Instrument :
BNA_F
ClientSampleId :
PB81898BS

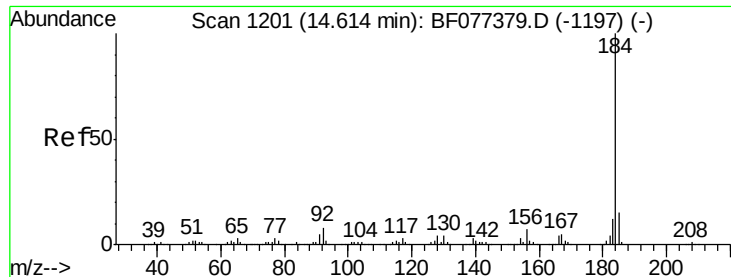
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	30.8
203	17.1	0.0	37.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.16 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.8	13.2#
236	25.6	20.7	31.1

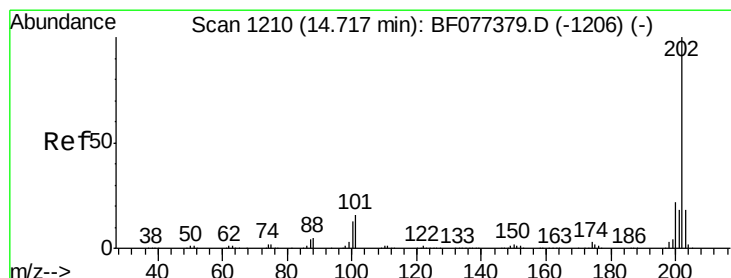
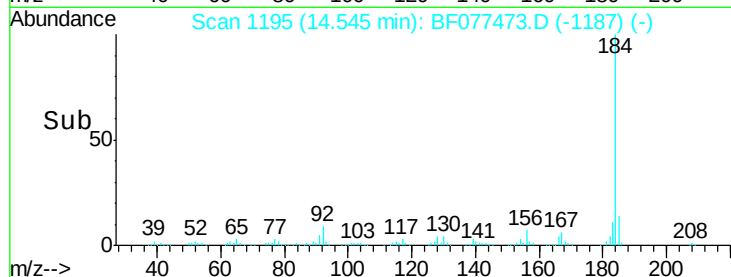
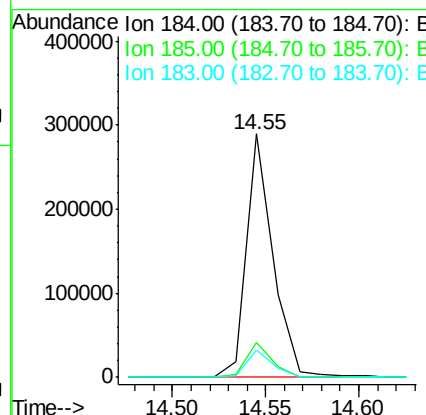
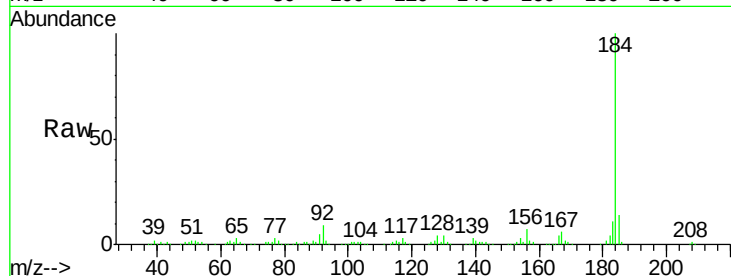




#76
Benzidine
Concen: 30.37 ng
RT: 14.55 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

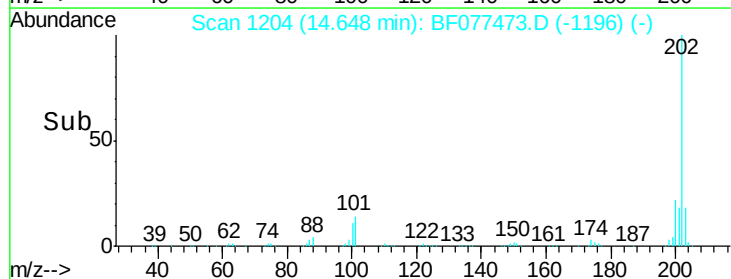
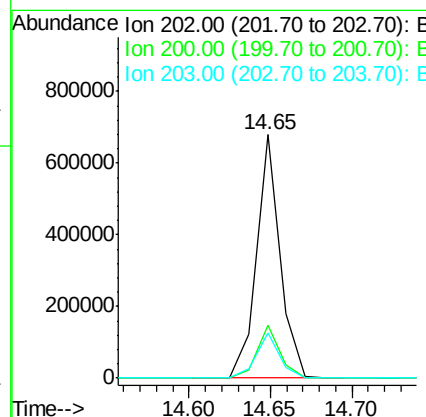
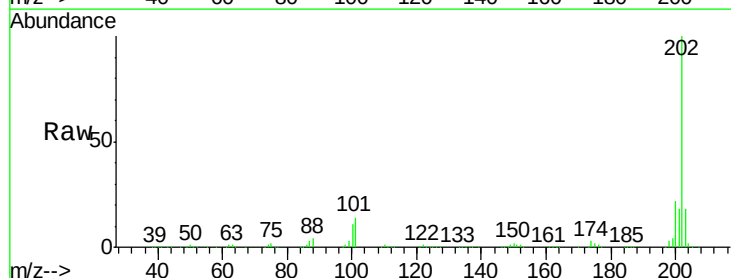
Instrument :
BNA_F
ClientSampleId :
PB81898BS

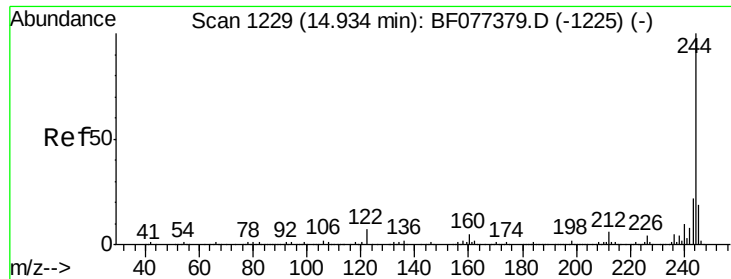
Tgt Ion:184 Resp: 287013
Ion Ratio Lower Upper
184 100
185 14.3 12.6 18.8
183 11.1 9.3 13.9



#77
Pyrene
Concen: 39.62 ng
RT: 14.65 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Tgt Ion:202 Resp: 677935
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 18.4 14.2 21.2

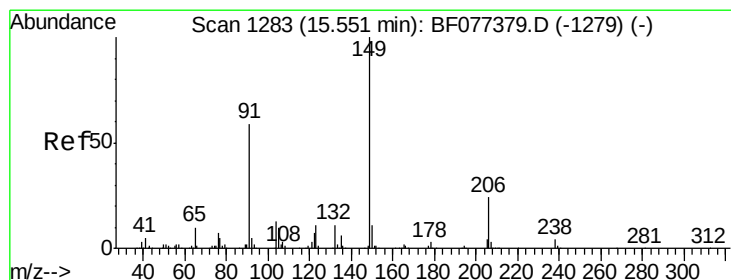
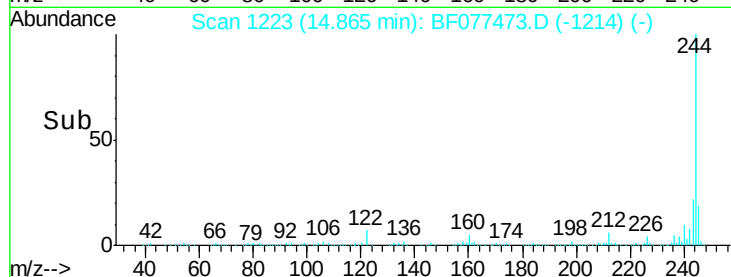
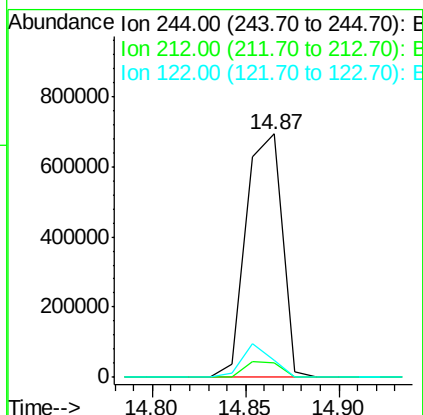
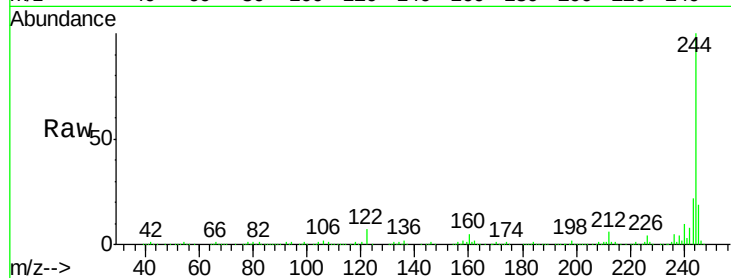




#78
 Terphenyl-d14
 Concen: 78.79 ng
 RT: 14.87 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF077473.D
 Acq: 26 Feb 2015 19:03

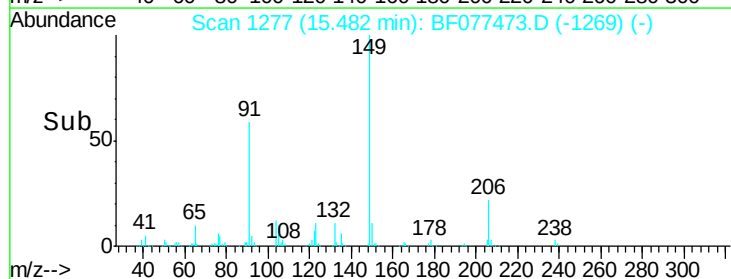
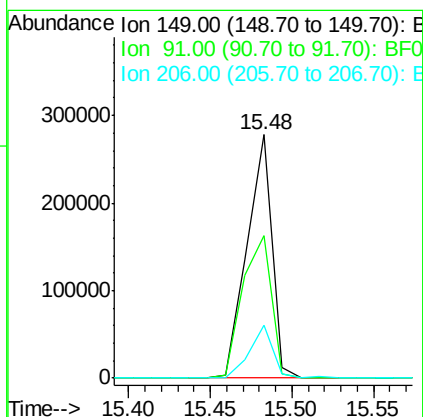
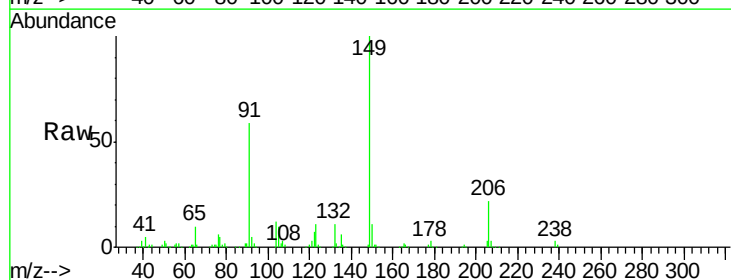
Instrument :
 BNA_F
 ClientSampleId :
 PB81898BS

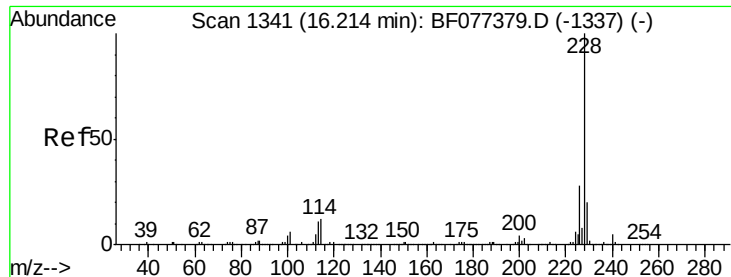
Tgt Ion: 244 Resp: 942701
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.2 7.8
 122 7.1 7.8 11.8#



#79
 Butylbenzylphthalate
 Concen: 41.78 ng
 RT: 15.48 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF077473.D
 Acq: 26 Feb 2015 19:03

Tgt Ion: 149 Resp: 294096
 Ion Ratio Lower Upper
 149 100
 91 58.5 51.2 76.8
 206 21.9 17.8 26.8

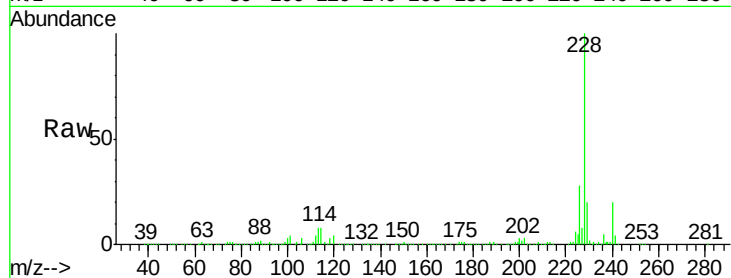




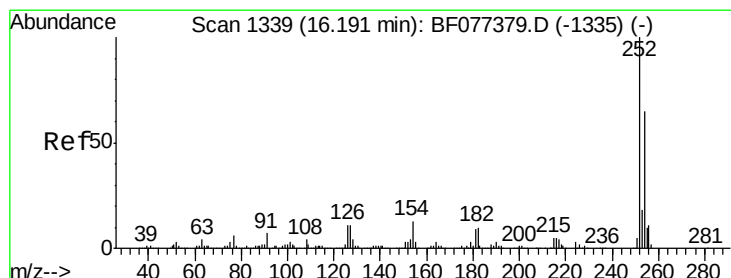
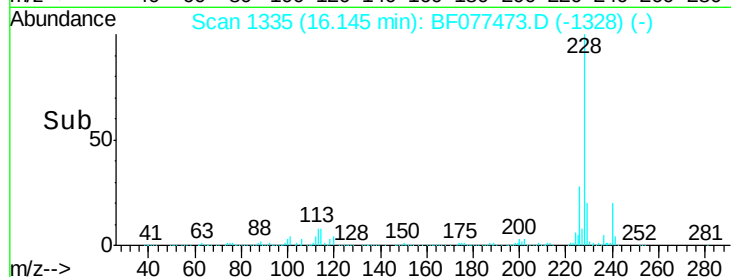
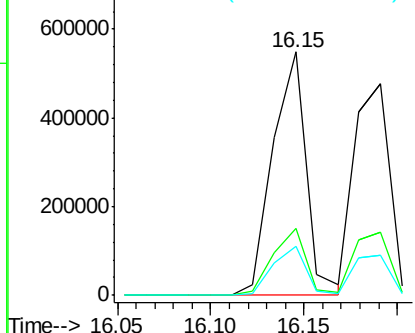
#80
Benzo(a)anthracene
Concen: 41.85 ng
RT: 16.15 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB81898BS

Tgt Ion:228 Resp: 685969
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 20.3 15.8 23.8

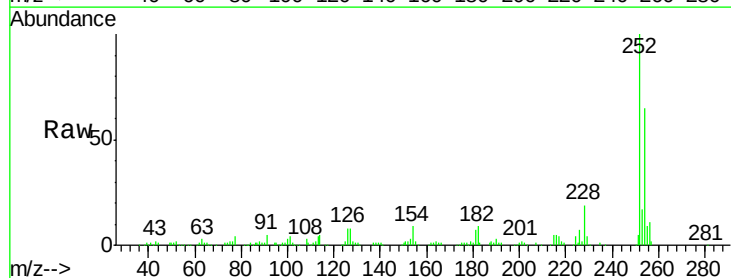


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

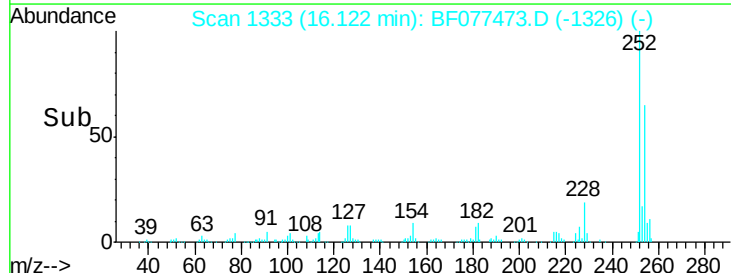
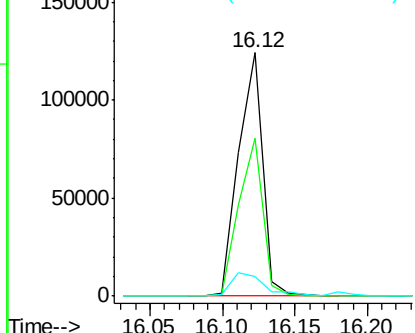


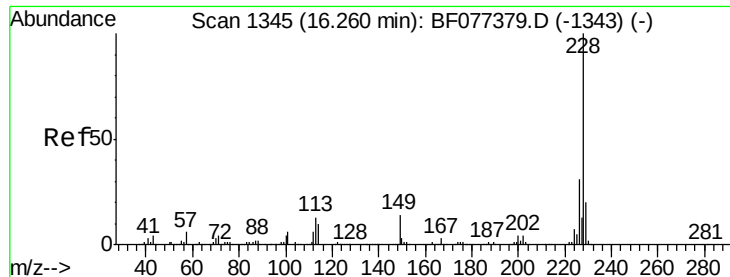
#81
3,3'-Dichlorobenzidine
Concen: 23.81 ng
RT: 16.12 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Tgt Ion:252 Resp: 143026
Ion Ratio Lower Upper
252 100
254 64.7 52.9 79.3
126 7.8 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: 40.78 ng

RT: 16.19 min Scan# 1339

Delta R.T. -0.02 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS

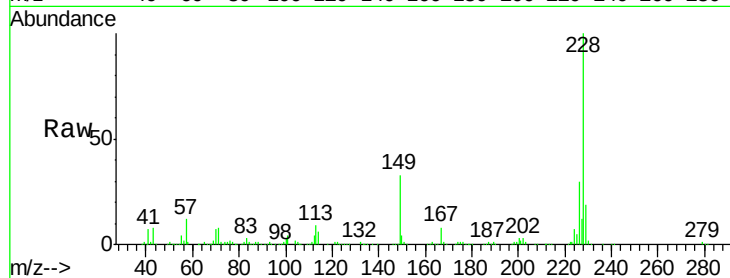
Tgt Ion:228 Resp: 627694

Ion Ratio Lower Upper

228 100

226 29.8 24.9 37.3

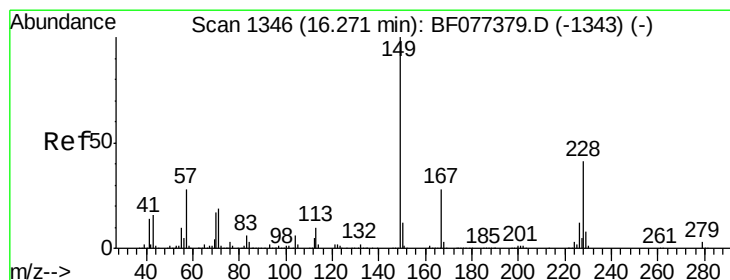
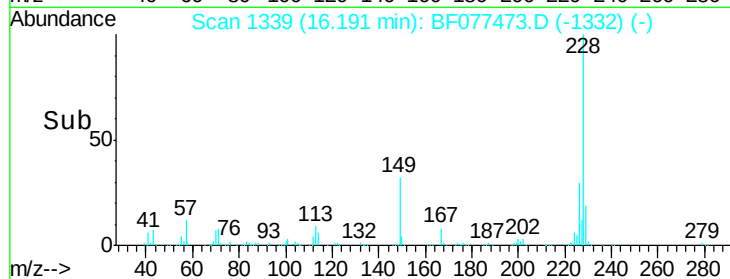
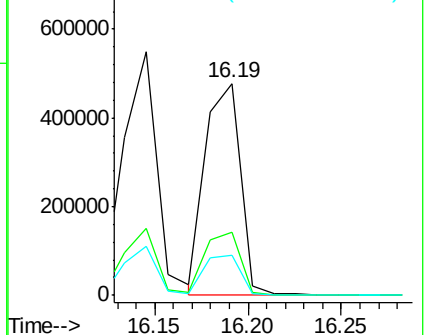
229 19.2 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 38.30 ng

RT: 16.20 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

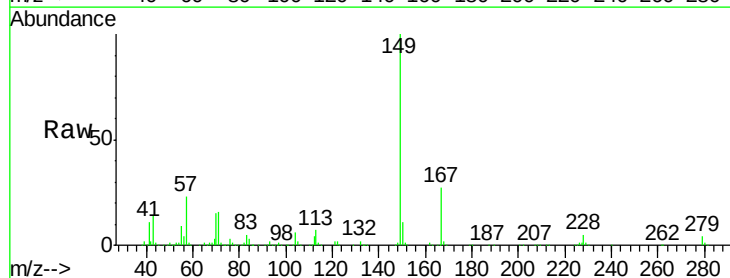
Tgt Ion:149 Resp: 432346

Ion Ratio Lower Upper

149 100

167 27.0 22.8 34.2

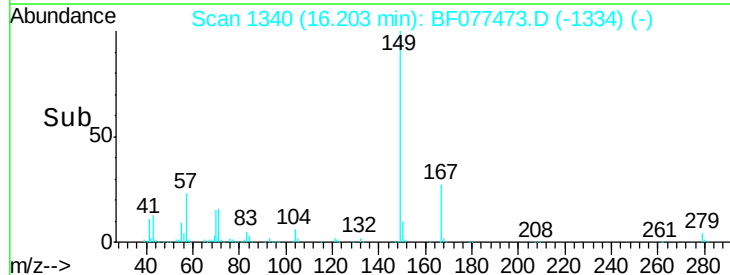
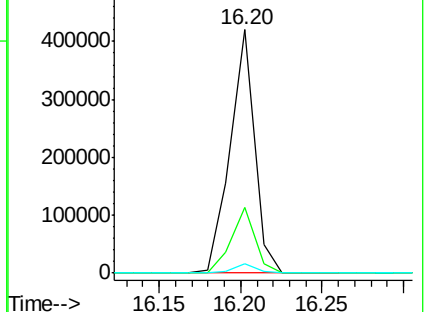
279 3.8 3.8 5.6

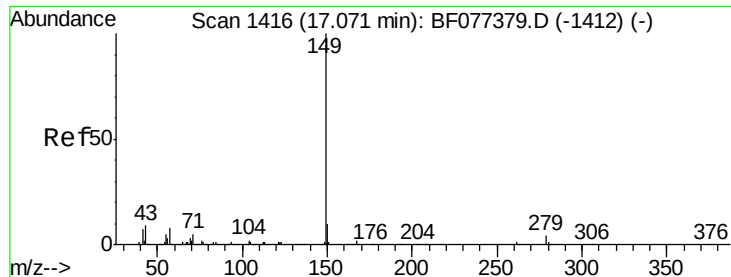


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

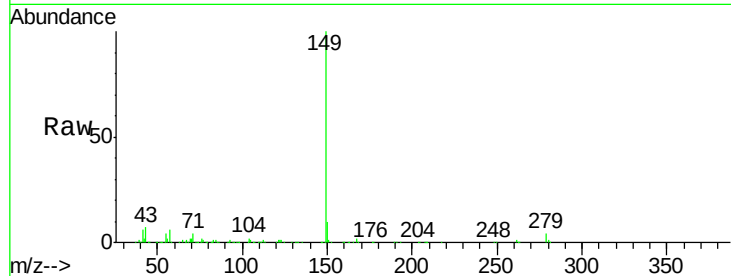




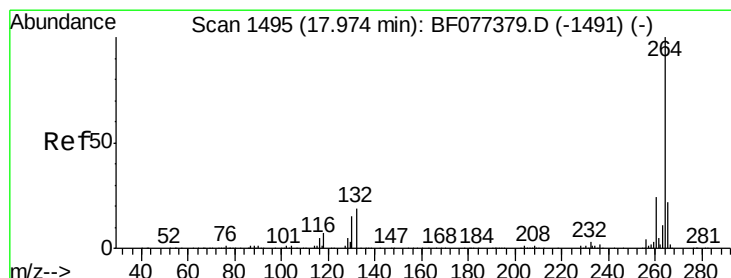
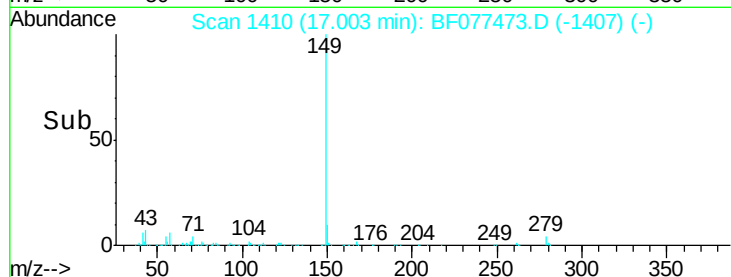
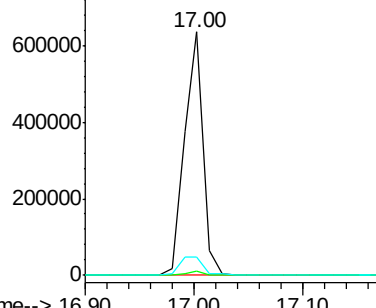
#84
Di-n-octyl phthalate
Concen: 40.07 ng
RT: 17.00 min Scan# 1410
Delta R.T. -0.07 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB81898BS

Tgt Ion:149 Resp: 755184
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.1 8.1 12.1

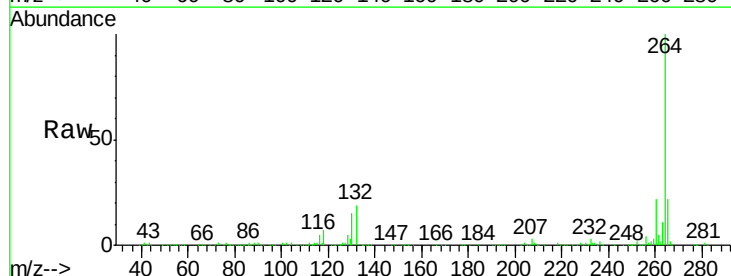


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

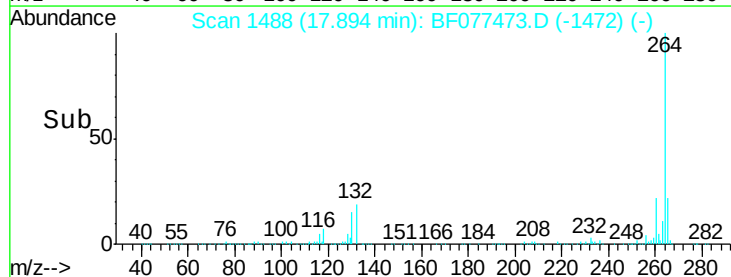
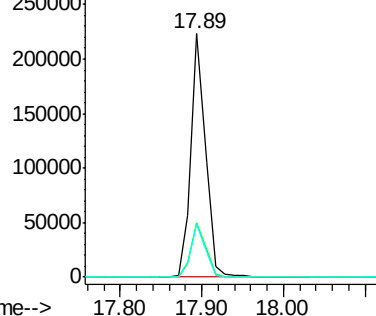


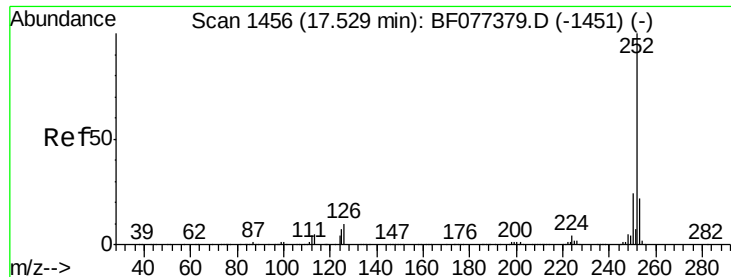
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.89 min Scan# 1488
Delta R.T. -0.11 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Tgt Ion:264 Resp: 277764
Ion Ratio Lower Upper
264 100
260 22.3 19.3 28.9
265 21.7 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

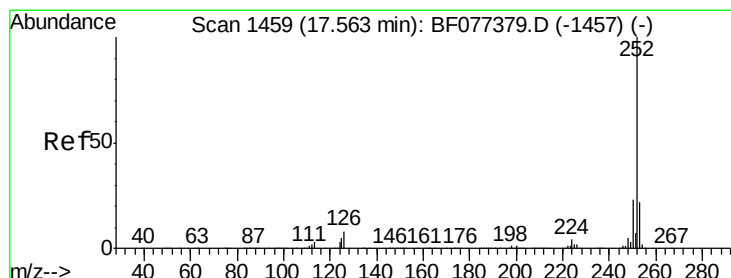
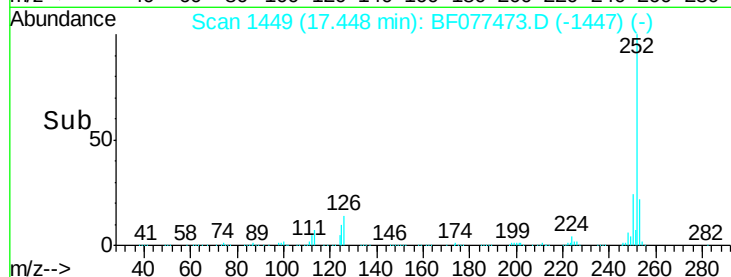
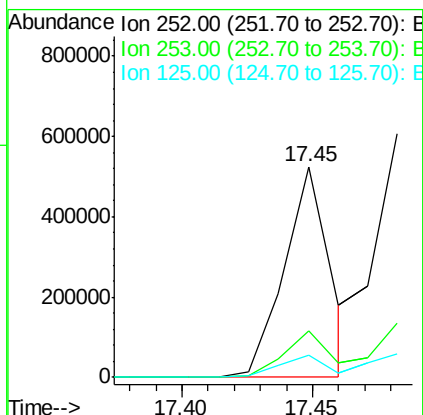
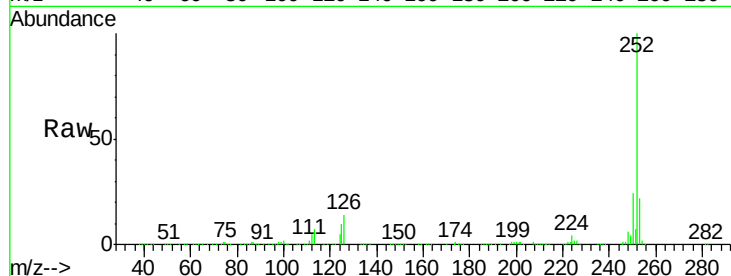




#87
Benzo(b)fluoranthene
Concen: 39.21 ng
RT: 17.45 min Scan# 1449
Delta R.T. -0.08 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

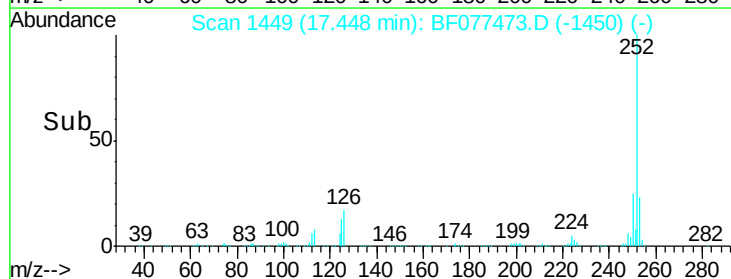
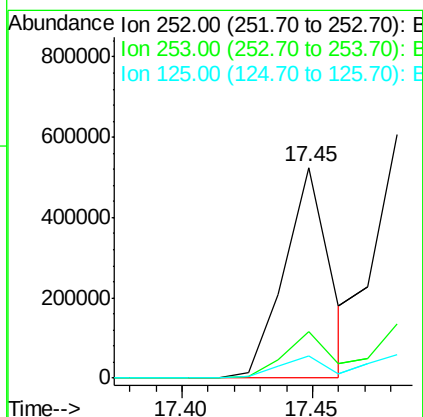
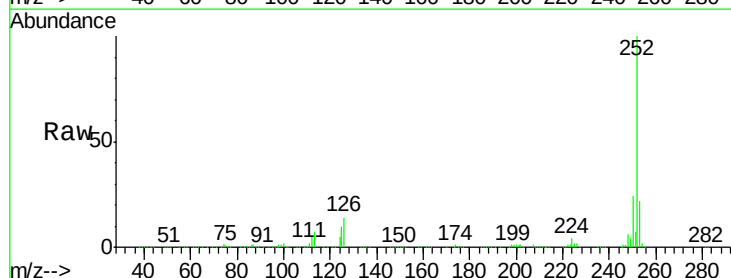
Instrument :
BNA_F
ClientSampleId :
PB81898BS

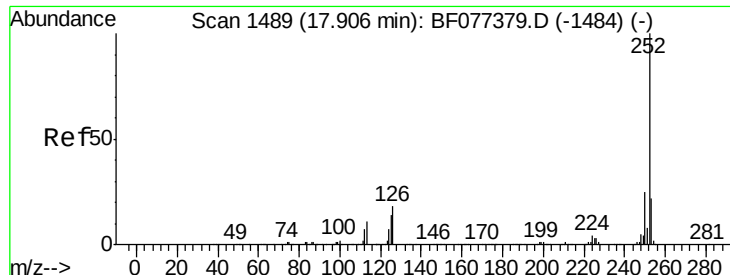
Tgt Ion: 252 Resp: 633401
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.5 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 40.01 ng
RT: 17.45 min Scan# 1449
Delta R.T. -0.11 min
Lab File: BF077473.D
Acq: 26 Feb 2015 19:03

Tgt Ion: 252 Resp: 633401
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 10.5 10.1 15.1





#89

Benzo(a)pyrene

Concen: 41.75 ng

RT: 17.84 min Scan# 1483

Delta R.T. -0.10 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS

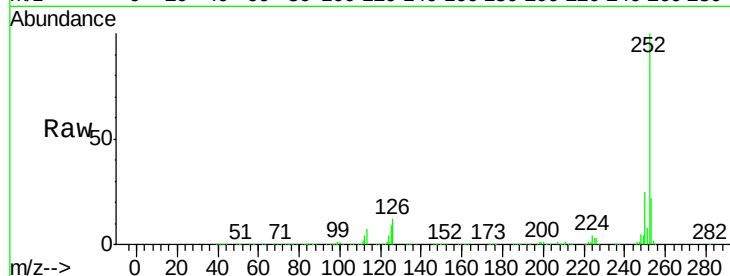
Tgt Ion:252 Resp: 642332

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

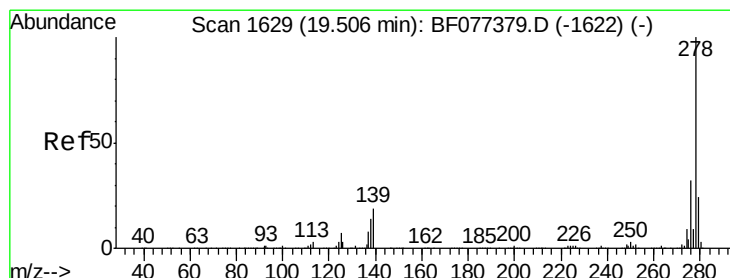
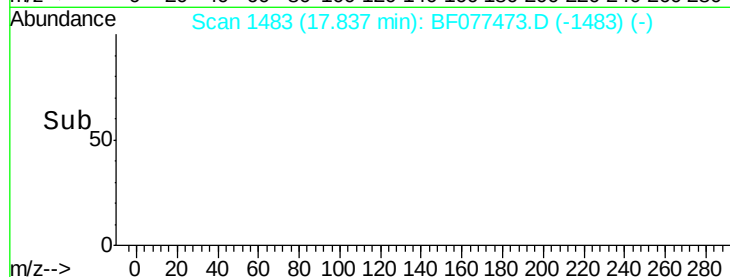
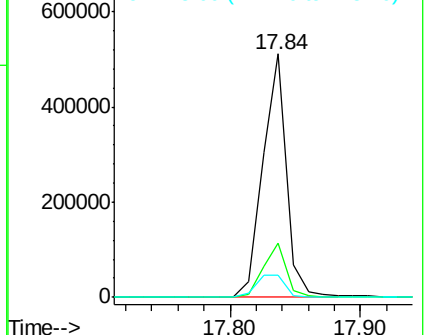
125 8.9 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.06 ng

RT: 19.39 min Scan# 1619

Delta R.T. -0.11 min

Lab File: BF077473.D

Acq: 26 Feb 2015 19:03

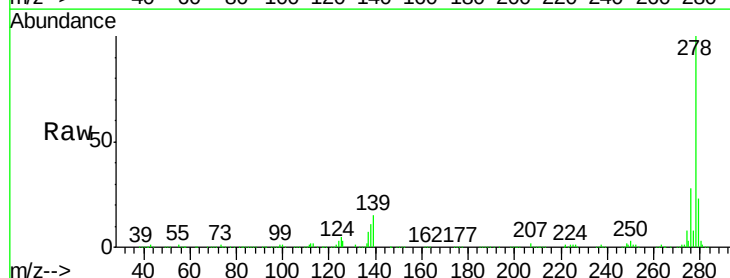
Tgt Ion:278 Resp: 602397

Ion Ratio Lower Upper

278 100

139 14.7 14.3 21.5

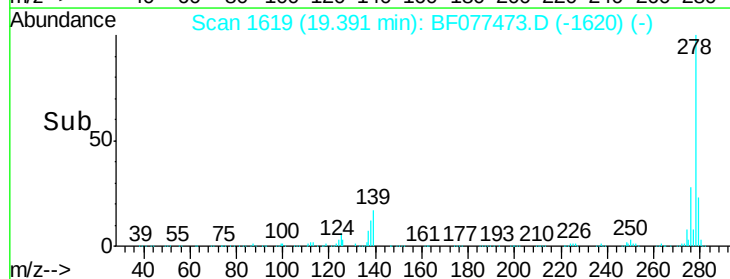
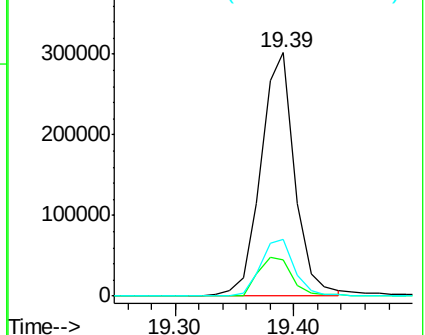
279 23.2 19.0 28.6

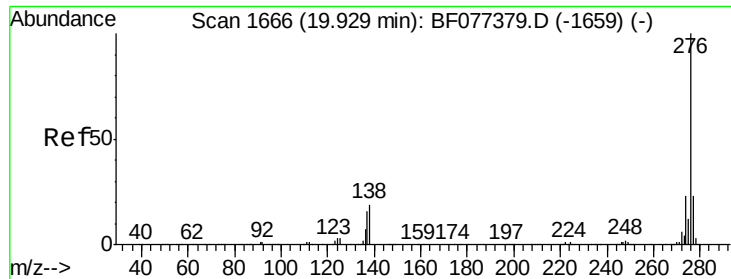


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.71 ng

RT: 19.79 min Scan# 1654

Delta R.T. -0.13 min

Lab File: BF077473.D

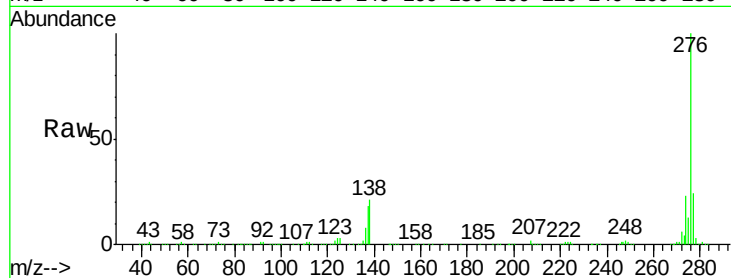
Acq: 26 Feb 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB81898BS



Tgt Ion:	276	Resp:	602860
Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	21.0	20.5	30.7

