

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077489.D
 Acq On : 27 Feb 2015 4:32
 Operator : TP/IZ
 Sample : G1385-11MSD
 Misc : S
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Quant Time: Feb 27 07:17:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 07:02:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	74954	20.00	ng	0.00
21) Naphthalene-d8	8.85	136	285483	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	167049	20.00	ng	0.00
63) Phenanthrene-d10	12.87	188	326483	20.00	ng	0.00
75) Chrysene-d12	16.16	240	339195	20.00	ng	0.02
86) Perylene-d12	17.91	264	349380	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	287540	64.04	ng	0.01
7) Phenol-d6	6.83	99	376513	65.22	ng	0.01
23) Nitrobenzene-d5	7.96	82	202784	44.17	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	106778	66.38	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	420628	39.26	ng	0.00
78) Terphenyl-d14	14.86	244	551439	38.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	31260	16.41	ng	95
3) Pyridine	2.98	79	81764	15.00	ng	96
4) n-Nitrosodimethylamine	2.88	42	66711	28.15	ng	88
6) Aniline	6.86	93	48103	6.03	ng	# 87
8) 2-Chlorophenol	7.00	128	114367	21.59	ng	93
9) Benzaldehyde	6.73	77	22804	6.51	ng	# 1
10) Phenol	6.85	94	140561	20.52	ng	90
11) bis(2-Chloroethyl)ether	6.96	93	98463	20.01	ng	87
12) 1,3-Dichlorobenzene	7.20	146	119360	20.70	ng	# 94
13) 1,4-Dichlorobenzene	7.29	146	114371	19.49	ng	94
14) 1,2-Dichlorobenzene	7.48	146	108755	19.49	ng	# 92
15) Benzyl Alcohol	7.45	79	95371	21.73	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.63	45	139696	19.86	ng	94
17) 2-Methylphenol	7.60	107	94900	22.92	ng	96
18) Hexachloroethane	7.89	117	65560	33.45	ng	# 1
19) n-Nitroso-di-n-propylamine	7.78	70	88028	24.01	ng	# 97
20) 3+4-Methylphenols	7.79	107	119684	21.95	ng	# 76
22) Acetophenone	7.77	105	243639	36.28	ng	# 68
24) Nitrobenzene	7.98	77	120105	24.87	ng	# 91
25) Isophorone	8.28	82	209970	23.05	ng	# 94
26) 2-Nitrophenol	8.38	139	48374	24.44	ng	# 88
27) 2,4-Dimethylphenol	8.44	122	105429	23.80	ng	98
28) bis(2-Chloroethoxy)methane	8.56	93	136648	23.75	ng	96
29) 2,4-Dichlorophenol	8.68	162	95821	23.05	ng	88
30) 1,2,4-Trichlorobenzene	8.78	180	99328	21.73	ng	97
31) Naphthalene	8.87	128	513777	35.99	ng	99
32) Benzoic acid	8.52	122	28665	13.32	ng	# 1
33) 4-Chloroaniline	8.94	127	55690	8.77	ng	# 93
34) Hexachlorobutadiene	9.03	225	57132	21.89	ng	98
35) Caprolactam	9.36	113	29822	23.50	ng	97
36) 4-Chloro-3-methylphenol	9.55	107	99682	23.85	ng	97
37) 2-Methylnaphthalene	9.73	142	336972	33.24	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.94	216	105182	21.94	ng	97
40) Hexachlorocyclopentadiene	9.92	237	29072	11.31	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.08	196	70775	22.30	ng	97
43) 2,4,5-Trichlorophenol	10.13	196	76183	22.44	ng	95
45) 1,1'-Biphenyl	10.31	154	281730	22.26	ng	98
46) 2-Chloronaphthalene	10.33	162	211283	21.29	ng	93
47) 2-Nitroaniline	10.46	65	64341	26.33	ng	# 72
48) Acenaphthylene	10.85	152	343143	21.84	ng	100
49) Dimethylphthalate	10.70	163	285319	24.30	ng	97
50) 2,6-Dinitrotoluene	10.77	165	53740	22.82	ng	# 84
51) Acenaphthene	11.06	154	204604	21.82	ng	100
52) 3-Nitroaniline	10.97	138	48577	17.89	ng	90
53) 2,4-Dinitrophenol	11.11	184	3515	4.91	ng	# 52
54) Dibenzofuran	11.28	168	324370	22.41	ng	99
55) 4-Nitrophenol	11.19	139	95162	43.58	ng	# 62
56) 2,4-Dinitrotoluene	11.27	165	70442	22.14	ng	# 78
57) Fluorene	11.70	166	259090	22.38	ng	97
58) 2,3,4,6-Tetrachlorophenol	11.43	232	65946	24.17	ng	96
59) Diethylphthalate	11.58	149	254045	21.95	ng	98
60) 4-Chlorophenyl-phenylether	11.71	204	124848	22.39	ng	92
61) 4-Nitroaniline	11.72	138	51138	19.65	ng	98
62) Azobenzene	11.91	77	246220	22.42	ng	97
64) 4,6-Dinitro-2-methylphenol	11.77	198	5255	7.43	ng	# 65
65) n-Nitrosodiphenylamine	11.86	169	238535	22.02	ng	100
66) 4-Bromophenyl-phenylether	12.32	248	75630	19.78	ng	94
67) Hexachlorobenzene	12.38	284	82018	19.99	ng	# 92
68) Atrazine	12.53	200	77800	22.09	ng	95
69) Pentachlorophenol	12.63	266	91675	42.51	ng	99
70) Phenanthrene	12.90	178	427201	22.58	ng	99
71) Anthracene	12.96	178	399508	21.27	ng	98
72) Carbazole	13.16	167	392111	21.96	ng	99
73) Di-n-butylphthalate	13.62	149	460266	21.95	ng	98
74) Fluoranthene	14.37	202	469061	22.69	ng	100
76) Benzidine	14.55	184	294118	25.66	ng	97
77) Pyrene	14.65	202	483794	23.32	ng	98
79) Butylbenzylphthalate	15.48	149	189899	22.25	ng	98
80) Benzo(a)anthracene	16.15	228	423405	21.30	ng	99
81) 3,3'-Dichlorobenzidine	16.12	252	136485	18.74	ng	# 97
82) Chrysene	16.19	228	394109	21.11	ng	99
83) Bis(2-ethylhexyl)phthalate	16.21	149	291733	21.31	ng	# 96
84) Di-n-octyl phthalate	17.01	149	549741	24.05	ng	100
85) Indeno(1,2,3-cd)pyrene	19.38	276	423849	19.91	ng	99
87) Benzo(b)fluoranthene	17.46	252	511965	25.20	ng	# 96
88) Benzo(k)fluoranthene	17.46	252	511437	25.69	ng	98
89) Benzo(a)pyrene	17.85	252	407956	21.08	ng	97
90) Dibenzo(a,h)anthracene	19.41	278	364522	19.75	ng	99
91) Benzo(g,h,i)perylene	19.81	276	356781	19.16	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 559

Delta R.T. 0.01 min

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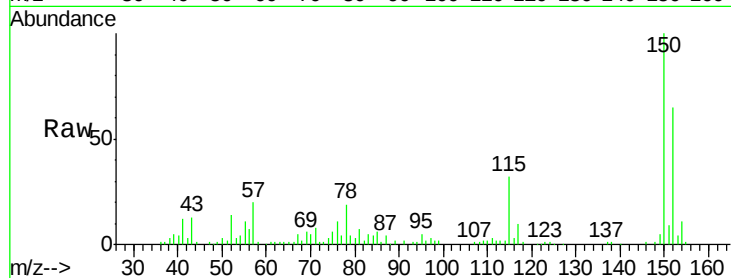
Tgt Ion:152 Resp: 74954

Ion Ratio Lower Upper

152 100

150 153.7 124.0 186.0

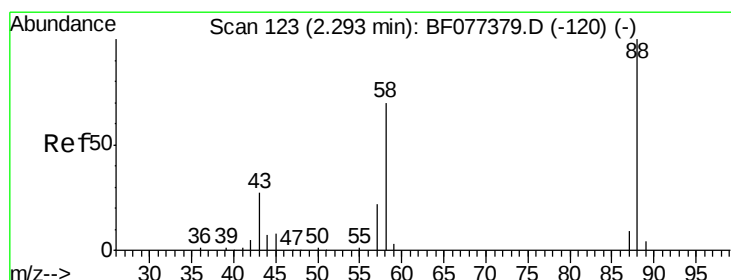
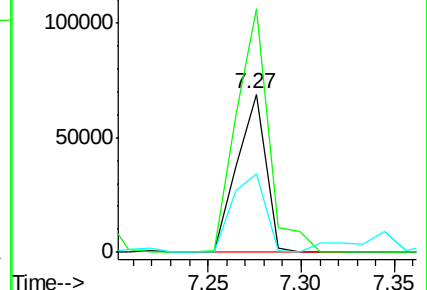
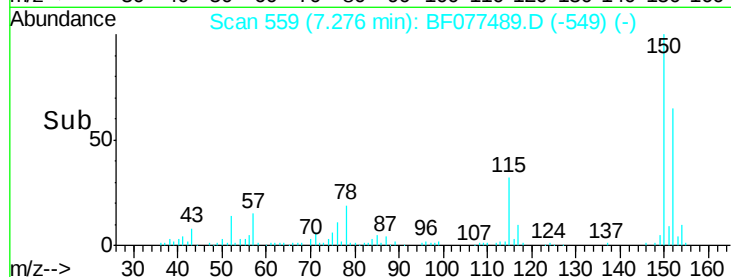
115 49.3 49.4 74.2#



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: 16.41 ng

RT: 2.22 min Scan# 117

Delta R.T. 0.03 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

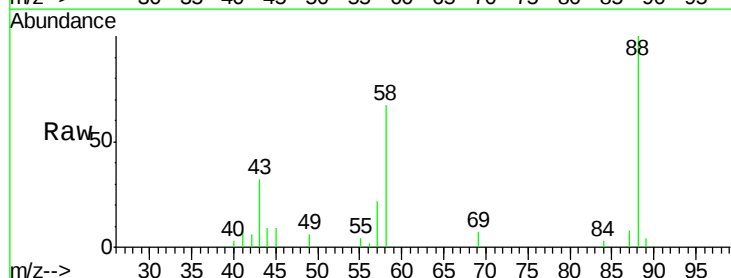
Tgt Ion: 88 Resp: 31260

Ion Ratio Lower Upper

88 100

58 71.9 62.1 93.1

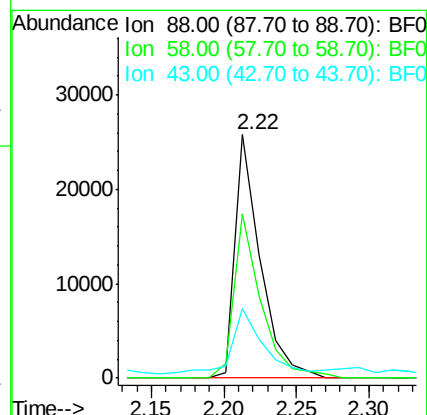
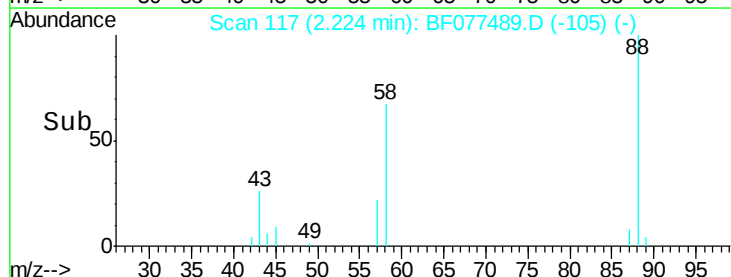
43 31.1 24.0 36.0

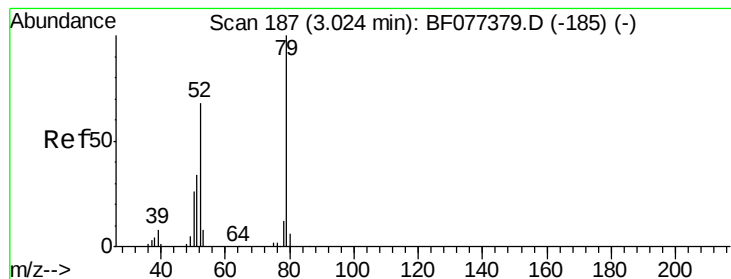


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 15.00 ng

RT: 2.98 min Scan# 183

Delta R.T. 0.07 min

Lab File: BF077489.D

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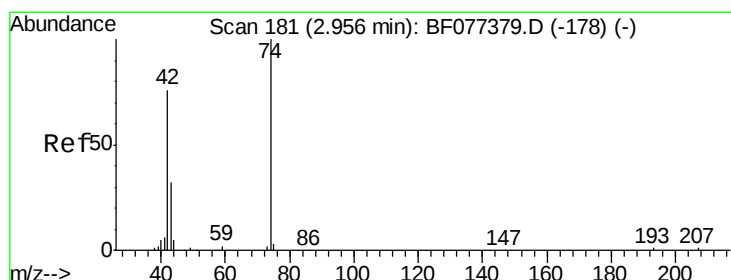
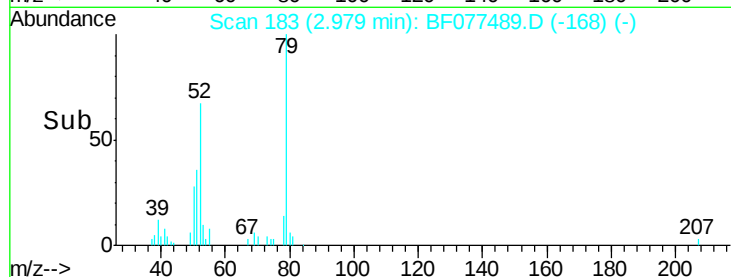
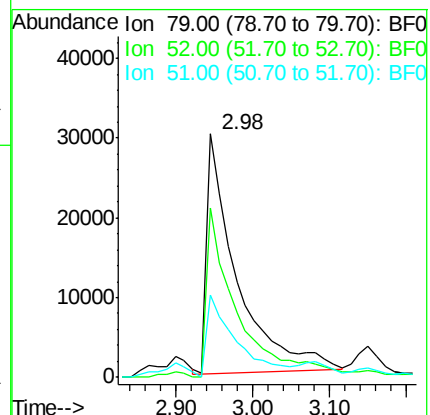
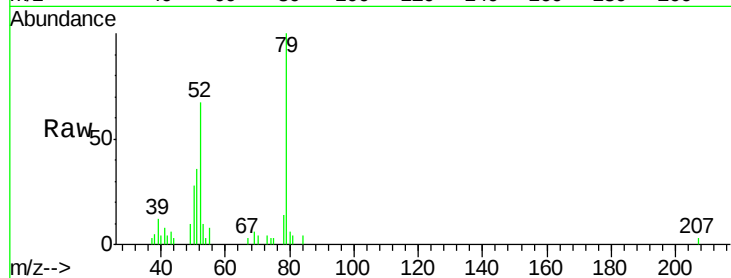
Tgt Ion: 79 Resp: 81764

Ion Ratio Lower Upper

79 100

52 67.3 57.7 86.5

51 36.1 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 28.15 ng

RT: 2.88 min Scan# 174

Delta R.T. 0.04 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

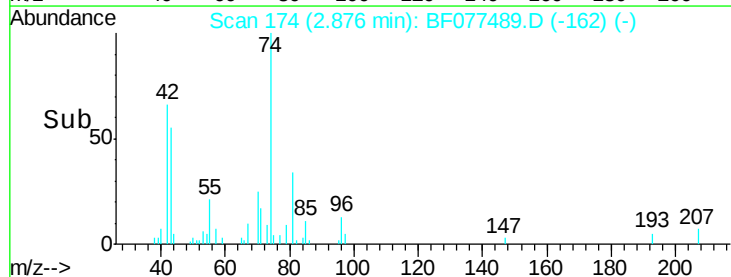
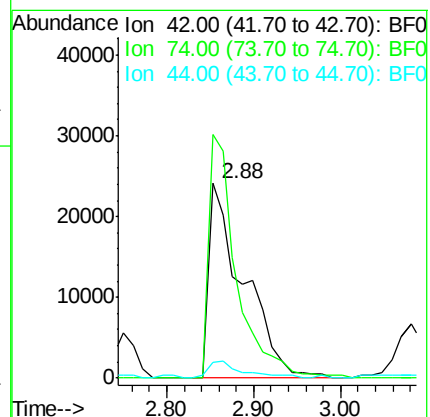
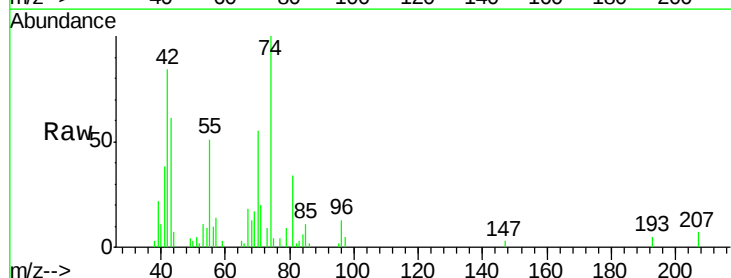
Tgt Ion: 42 Resp: 66711

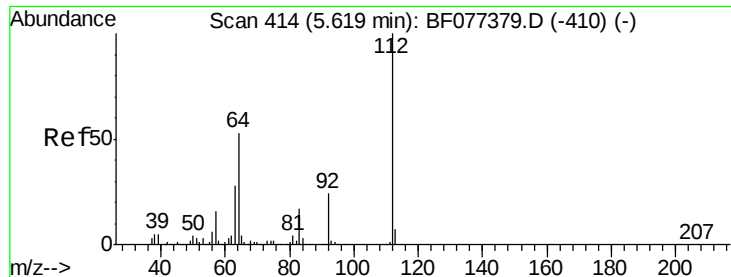
Ion Ratio Lower Upper

42 100

74 118.7 107.1 160.7

44 8.7 6.7 10.1





#5

2-Fluorophenol

Concen: 64.04 ng

RT: 5.56 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

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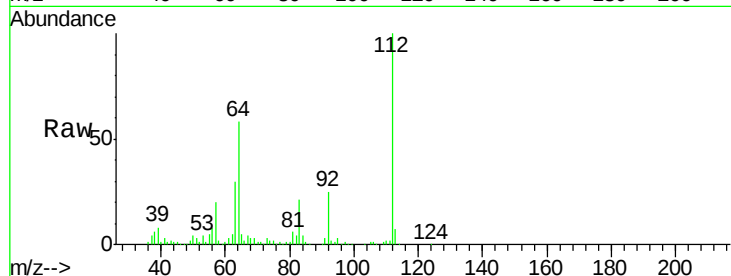
Tgt Ion: 112 Resp: 287540

Ion Ratio Lower Upper

112 100

64 57.8 48.5 72.7

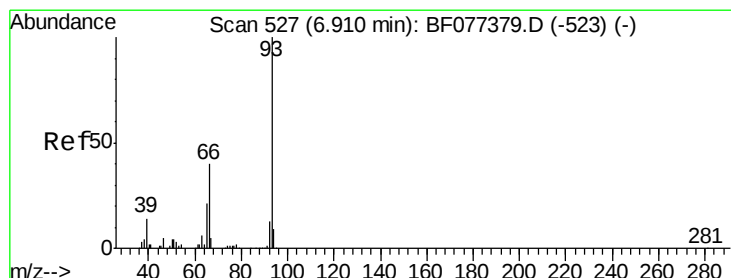
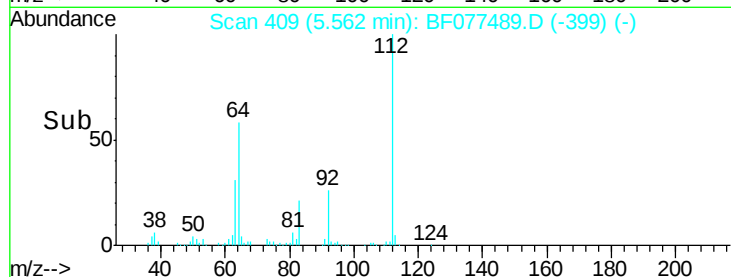
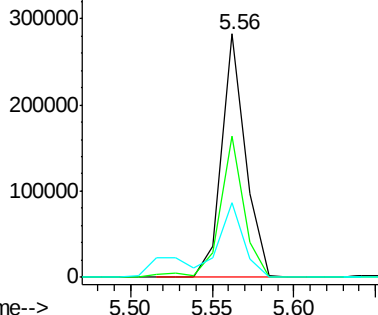
63 30.5 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 6.03 ng

RT: 6.86 min Scan# 523

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

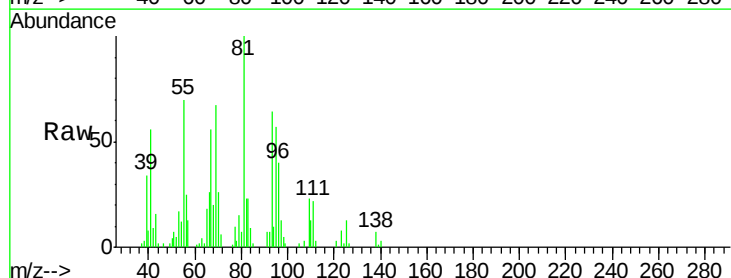
Tgt Ion: 93 Resp: 48103

Ion Ratio Lower Upper

93 100

66 41.3 29.1 43.7

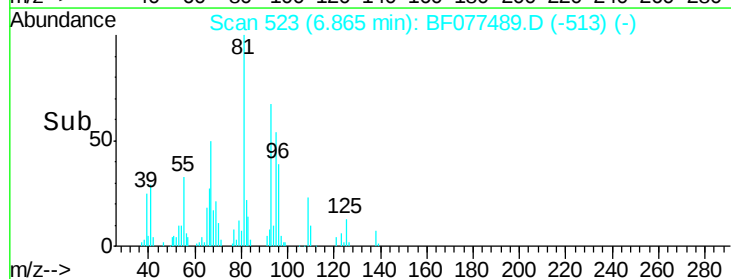
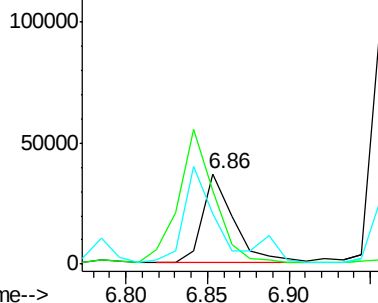
65 28.3 14.6 22.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 65.22 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.01 min

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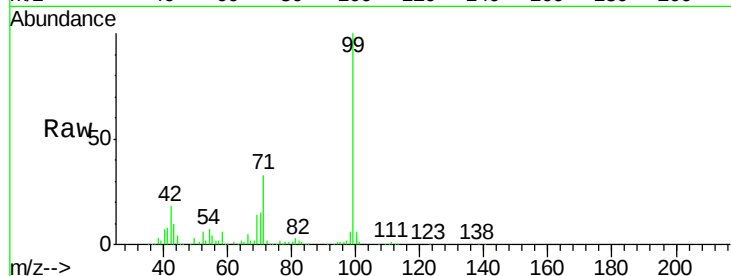
Tgt Ion: 99 Resp: 376513

Ion Ratio Lower Upper

99 100

42 17.7 16.2 24.4

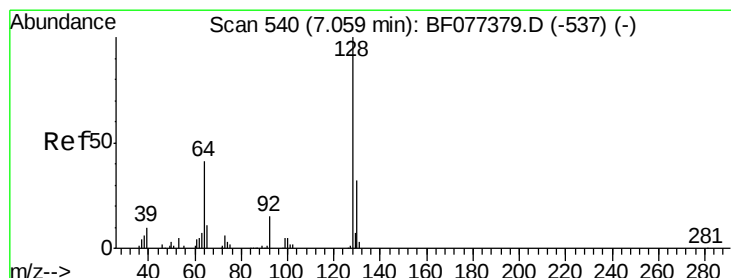
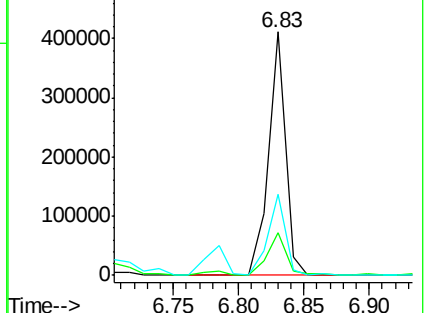
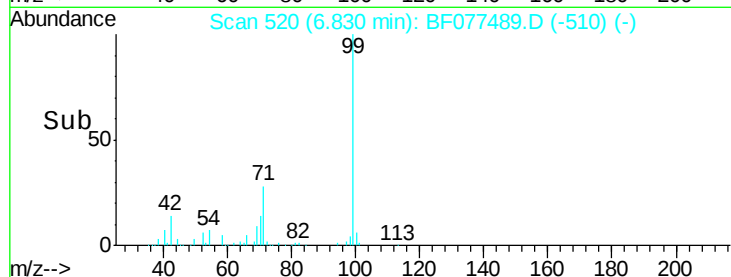
71 33.2 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 21.59 ng

RT: 7.00 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

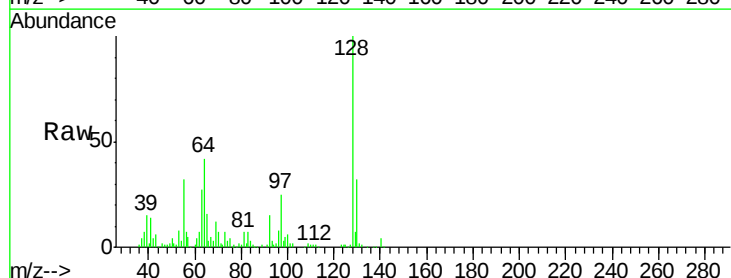
Tgt Ion: 128 Resp: 114367

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

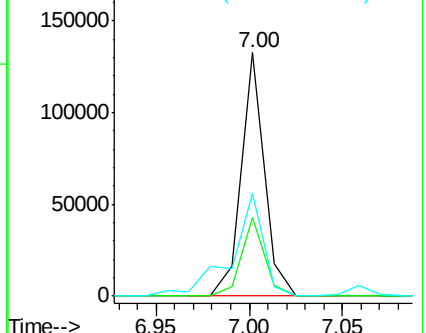
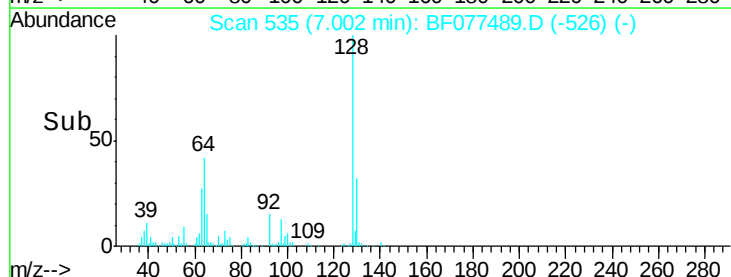
64 42.0 29.2 69.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.51 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.01 min

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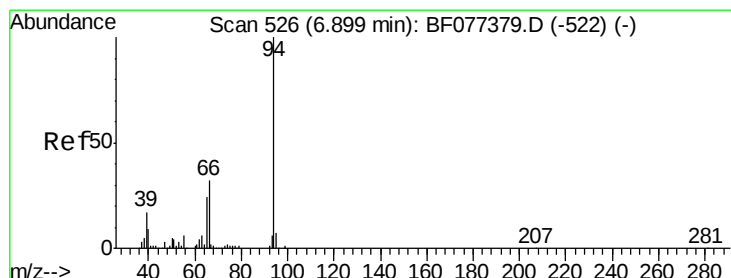
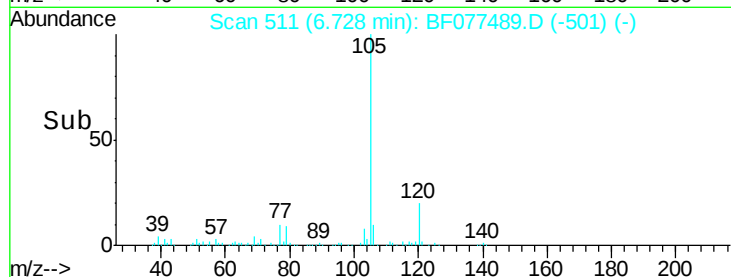
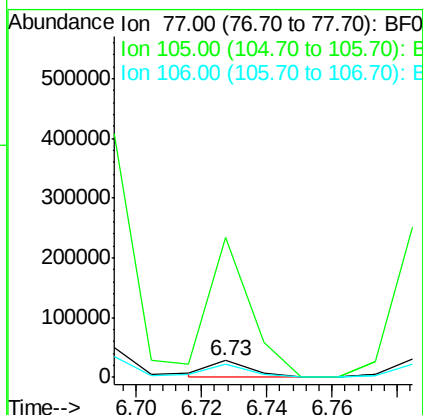
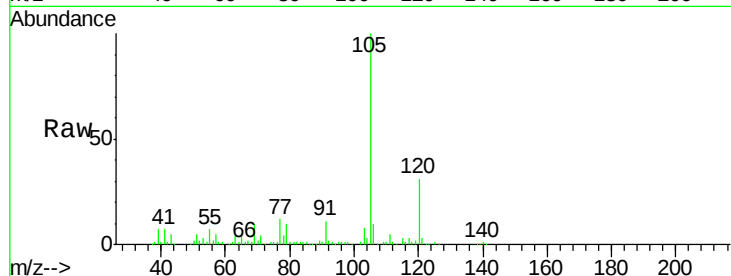
Tgt Ion: 77 Resp: 22804

Ion Ratio Lower Upper

77 100

105 835.0 85.9 125.9#

106 80.5 82.9 122.9#



#10

Phenol

Concen: 20.52 ng

RT: 6.85 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

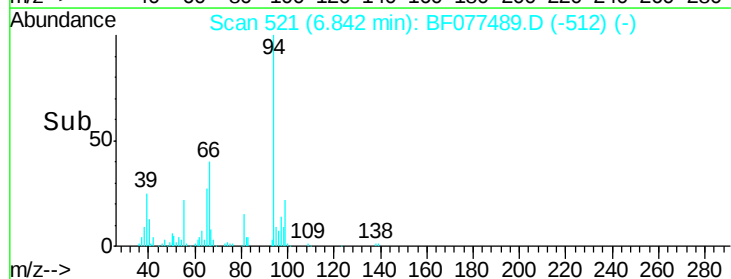
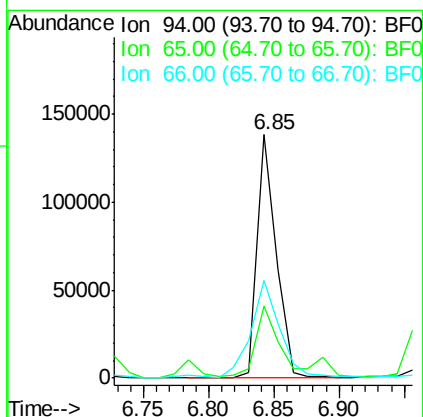
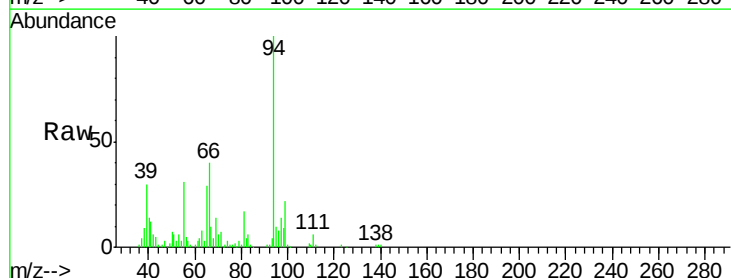
Tgt Ion: 94 Resp: 140561

Ion Ratio Lower Upper

94 100

65 29.4 5.7 45.7

66 40.2 13.6 53.6





#11

bis(2-Chloroethyl)ether

Concen: 20.01 ng

RT: 6.96 min Scan# 531

Delta R.T. 0.00 min

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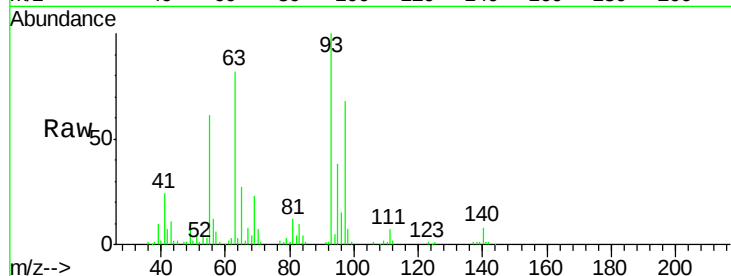
Tgt Ion: 93 Resp: 98463

Ion Ratio Lower Upper

93 100

63 81.8 48.7 88.7

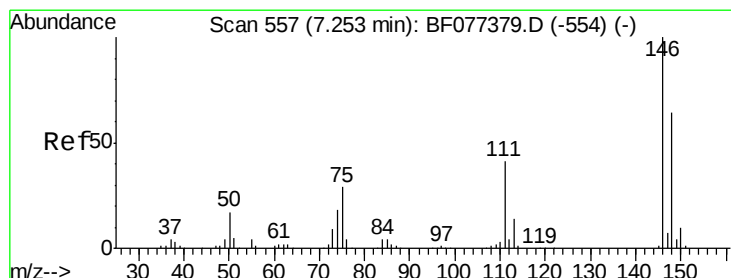
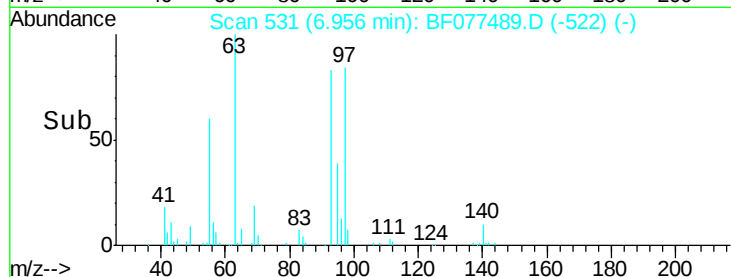
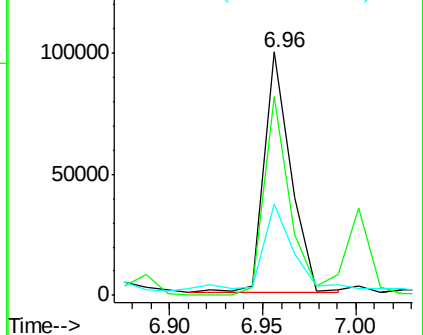
95 37.7 13.6 53.6



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: 20.70 ng

RT: 7.20 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

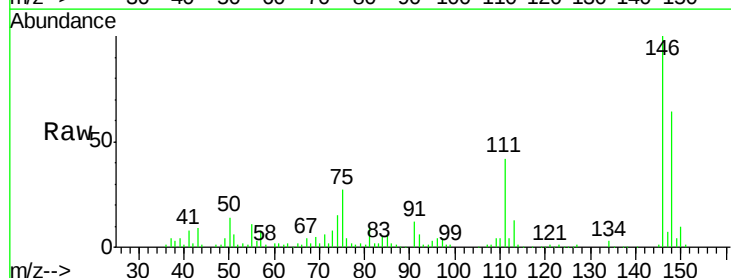
Tgt Ion: 146 Resp: 119360

Ion Ratio Lower Upper

146 100

148 63.7 49.8 74.8

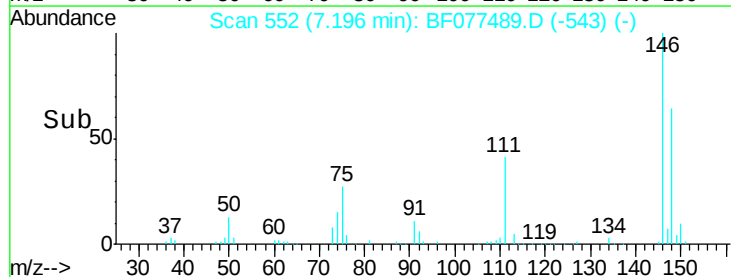
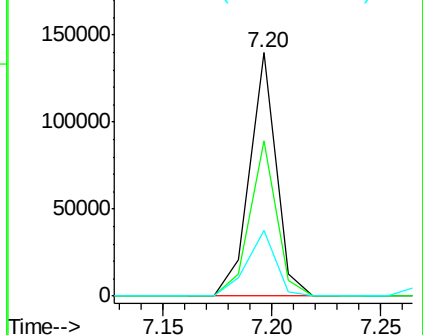
75 26.8 28.2 42.4#

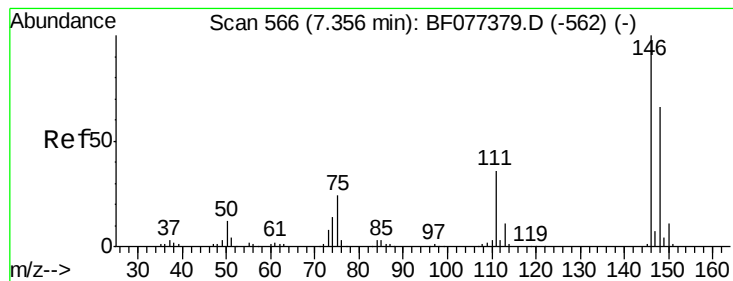


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 19.49 ng

RT: 7.29 min Scan# 560

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

ClientSampleId :

B-11-D910MSD

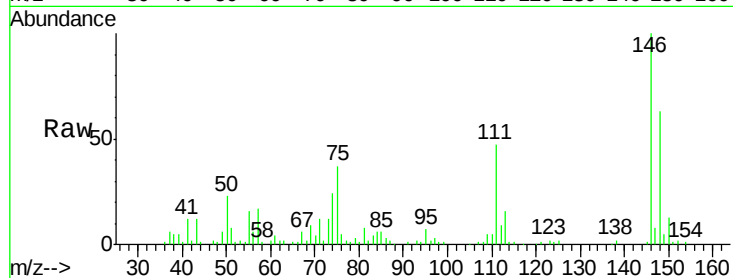
Tgt Ion:146 Resp: 114371

Ion Ratio Lower Upper

146 100

148 63.2 52.0 78.0

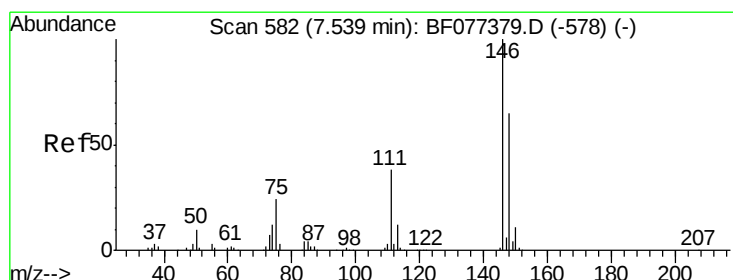
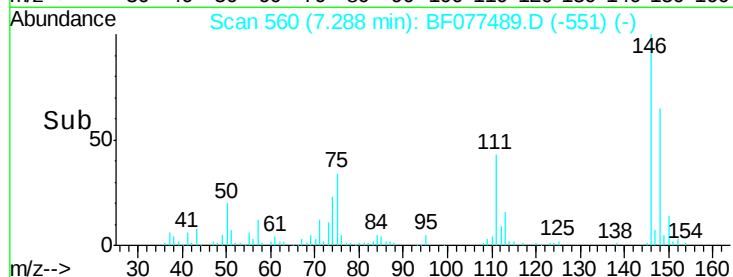
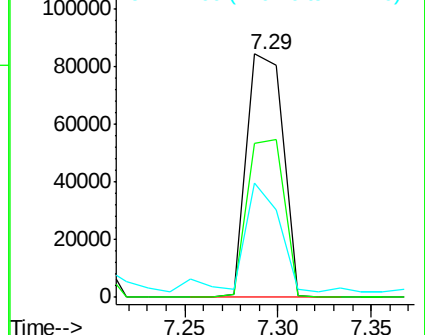
111 47.2 31.9 47.9



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: 19.49 ng

RT: 7.48 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

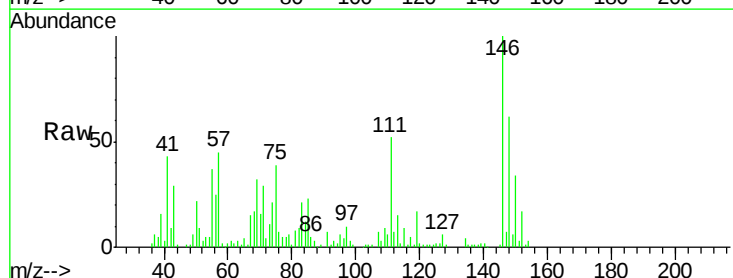
Tgt Ion:146 Resp: 108755

Ion Ratio Lower Upper

146 100

148 62.1 51.6 77.4

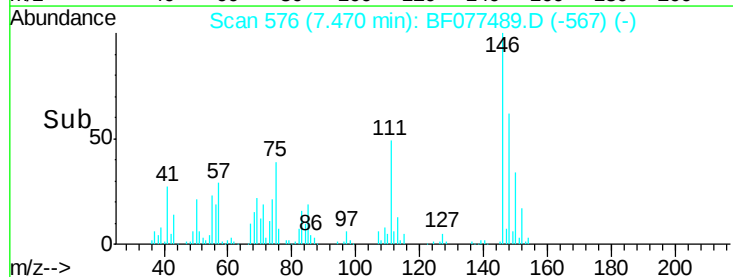
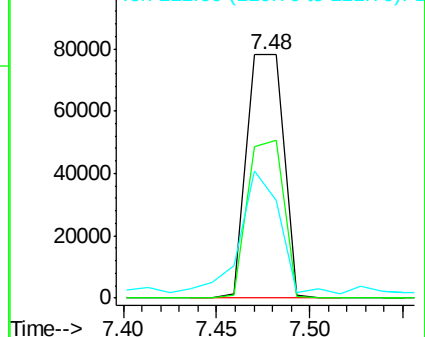
111 52.3 34.2 51.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 21.73 ng

RT: 7.45 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

ClientSampleId :

B-11-D910MSD

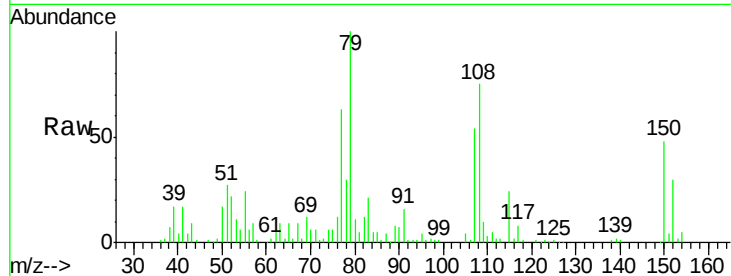
Tgt Ion: 79 Resp: 95371

Ion Ratio Lower Upper

79 100

108 74.7 58.3 87.5

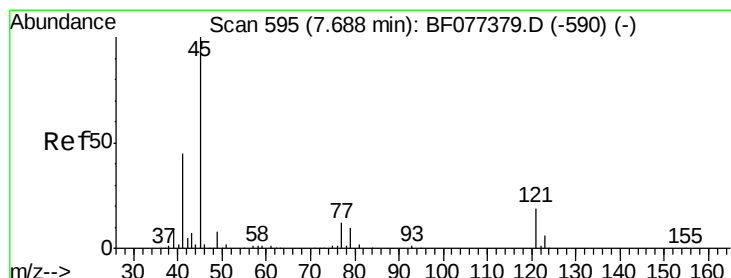
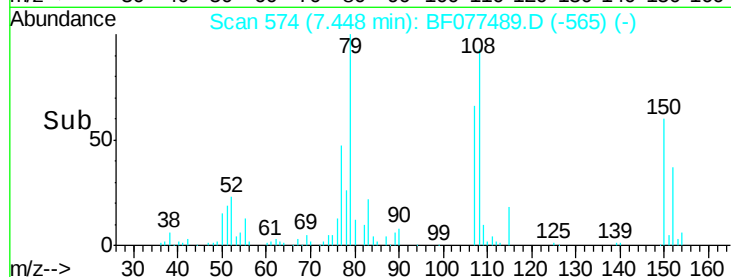
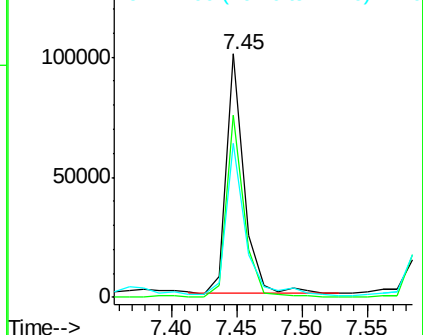
77 63.1 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.86 ng

RT: 7.63 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

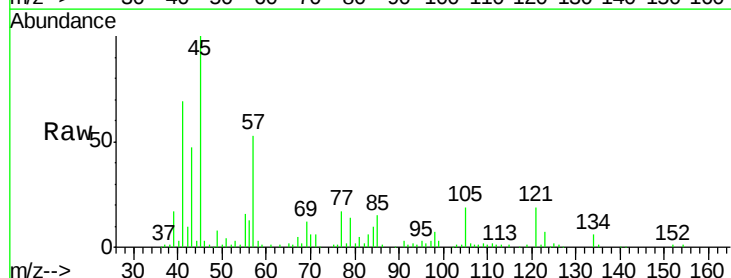
Tgt Ion: 45 Resp: 139696

Ion Ratio Lower Upper

45 100

77 16.6 0.0 34.6

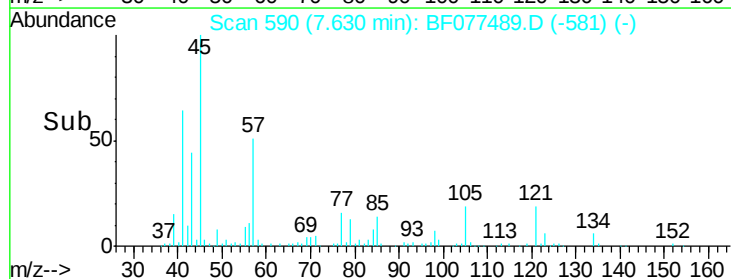
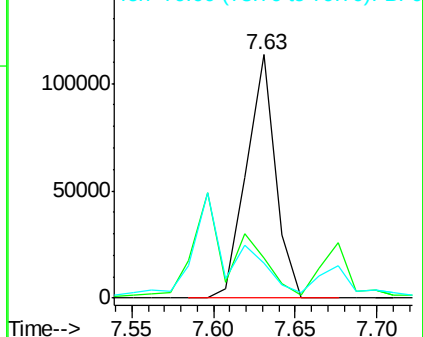
79 14.3 0.0 31.5

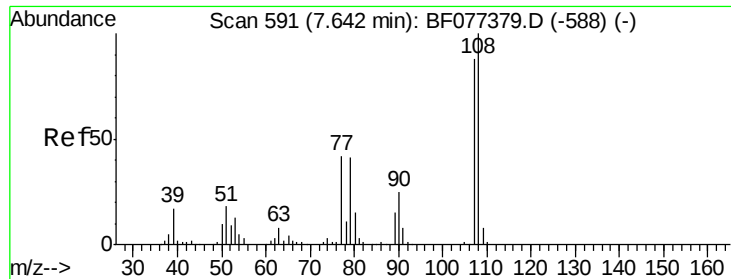


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

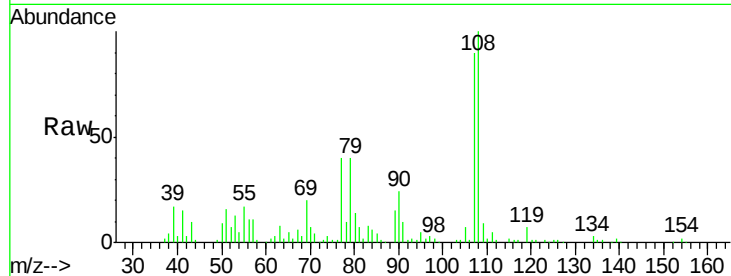




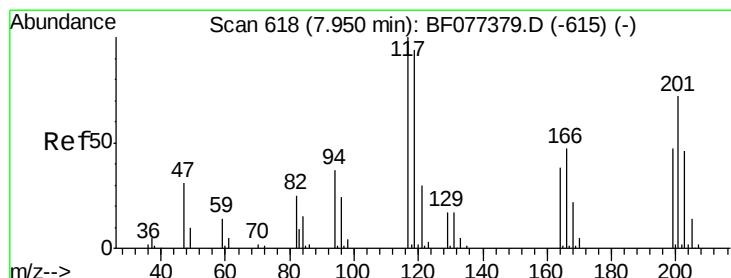
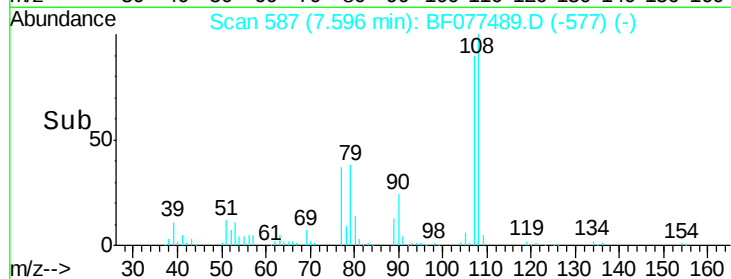
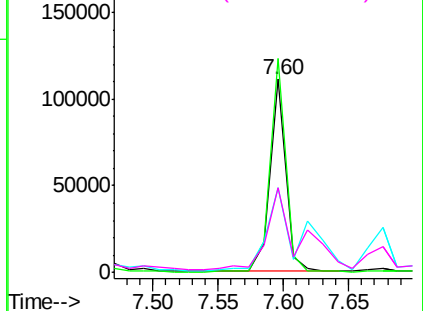
#17
2-Methylphenol
Concen: 22.92 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion:	107	Resp:	94900
Ion	Ratio	Lower	Upper
107	100		
108	110.8	91.2	136.8
77	43.8	33.6	50.4
79	43.9	32.1	48.1

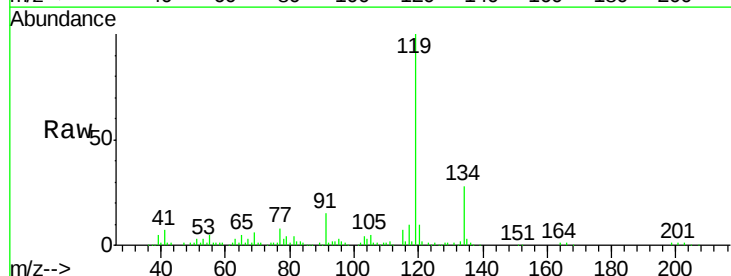


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

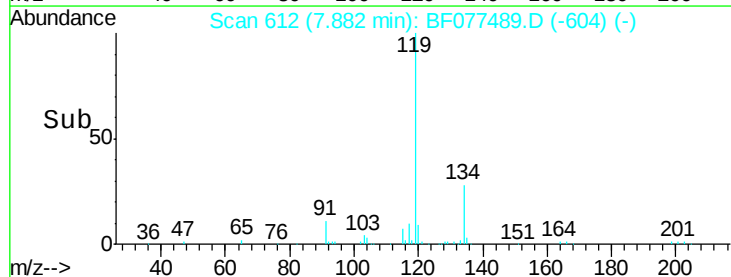
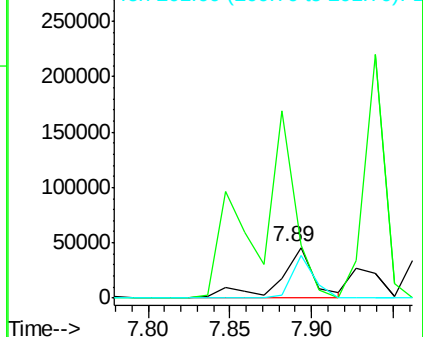


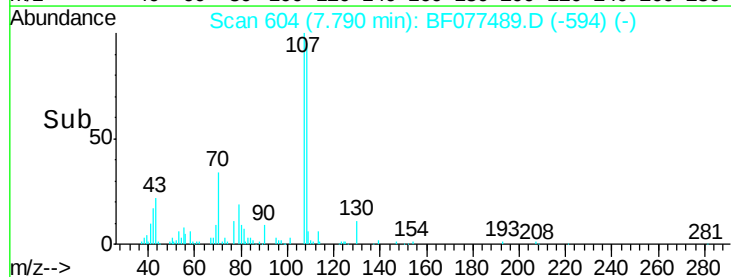
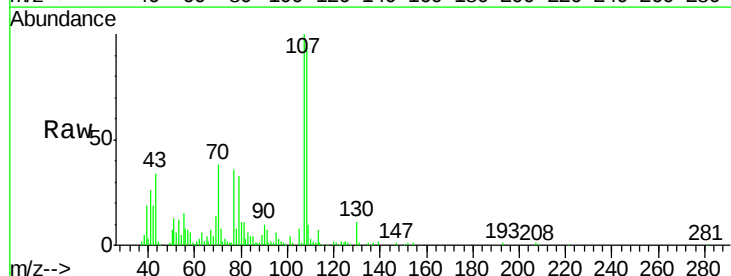
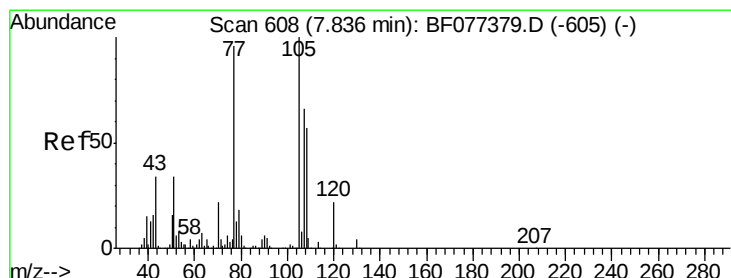
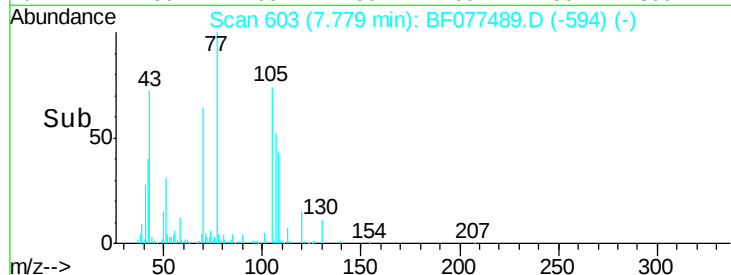
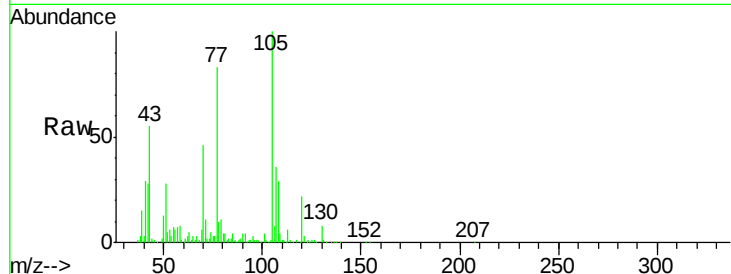
#18
Hexachloroethane
Concen: 33.45 ng
RT: 7.89 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion:	117	Resp:	65560
Ion	Ratio	Lower	Upper
117	100		
119	976.4	77.8	116.8#
201	12.6	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

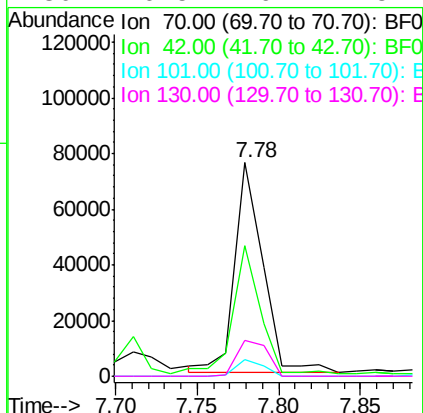




#19
n-Nitroso-di-n-propylamine
Concen: 24.01 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

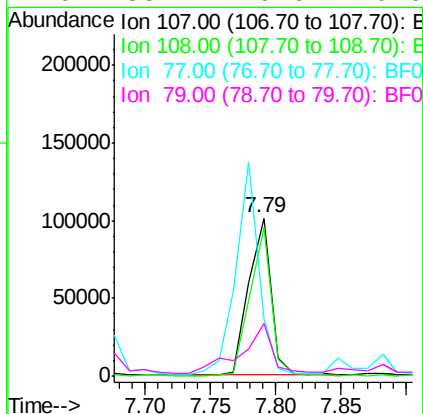
Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

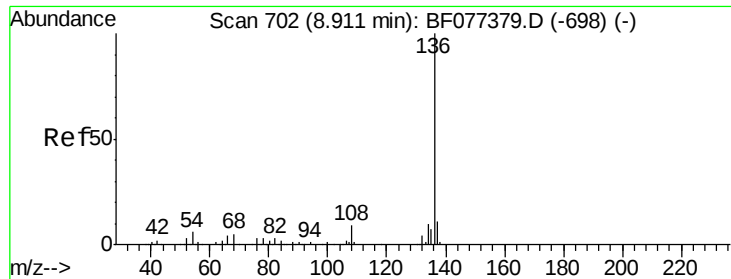
Tgt Ion: 70 Resp: 88028
Ion Ratio Lower Upper
70 100
42 61.2 48.3 72.5
101 8.1 7.5 11.3
130 16.5 16.7 25.1#



#20
3+4-Methylphenols
Concen: 21.95 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion: 107 Resp: 119684
Ion Ratio Lower Upper
107 100
108 93.9 76.8 116.8
77 36.3 65.8 105.8#
79 33.2 9.6 49.6

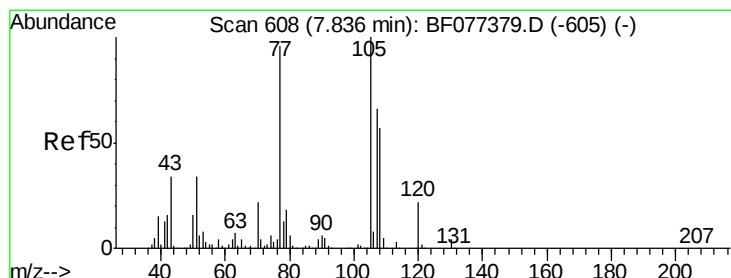
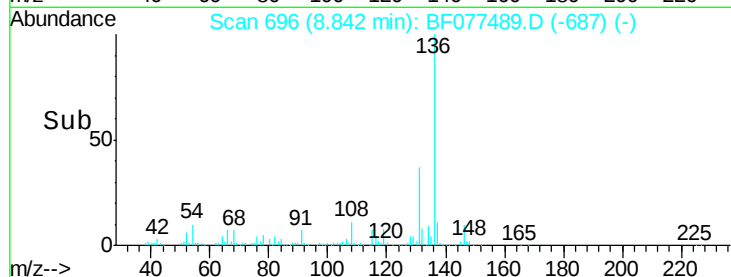
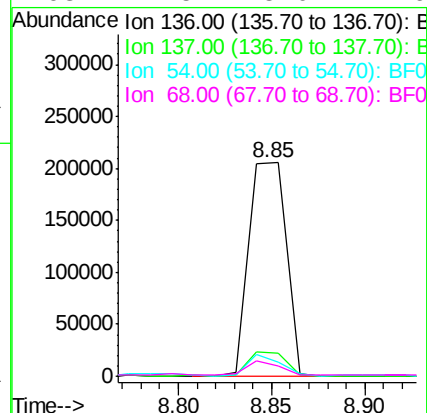
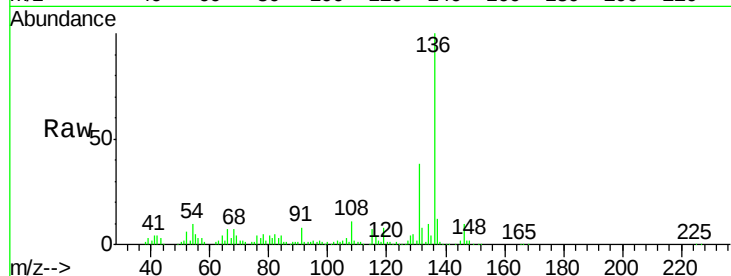




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.85 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

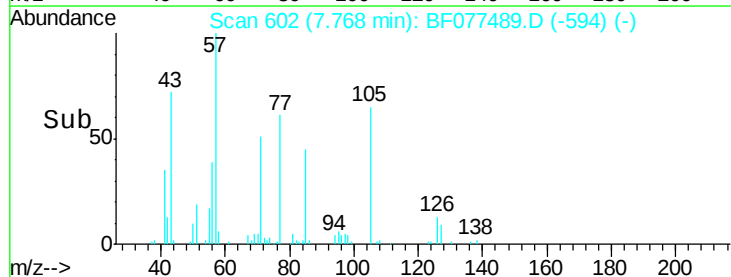
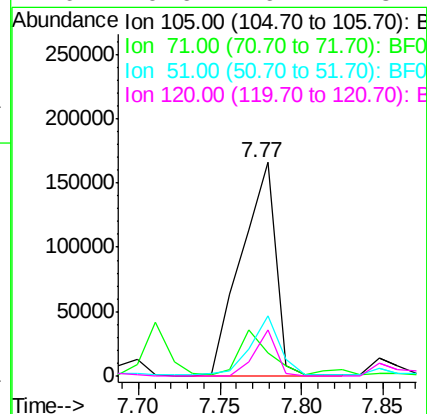
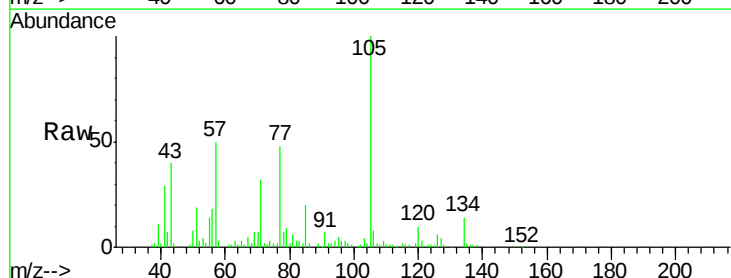
Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

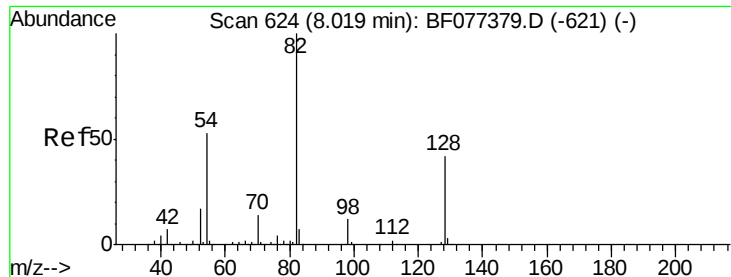
Tgt Ion:	136	Resp:	285483
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	10.2	6.2	9.4#
68	7.5	5.0	7.6



#22
Acetophenone
Concen: 36.28 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion:	105	Resp:	243639
Ion	Ratio	Lower	Upper
105	100		
71	31.6	1.7	2.5#
51	18.6	30.7	46.1#
120	9.6	16.7	25.1#

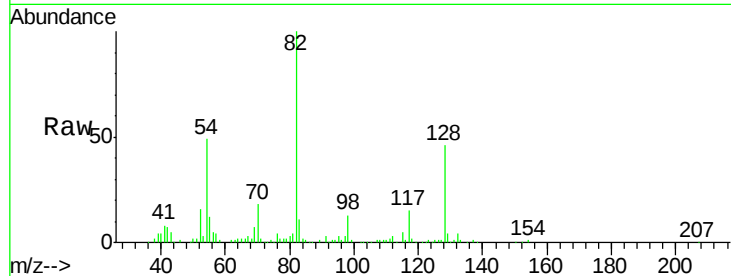




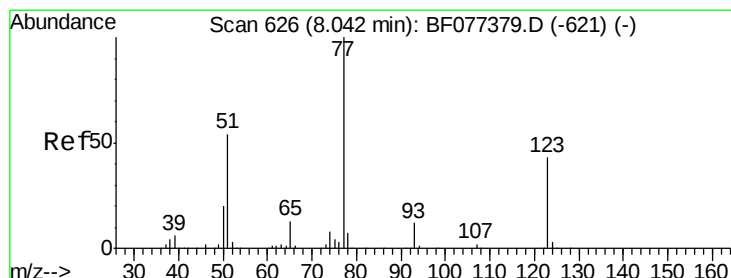
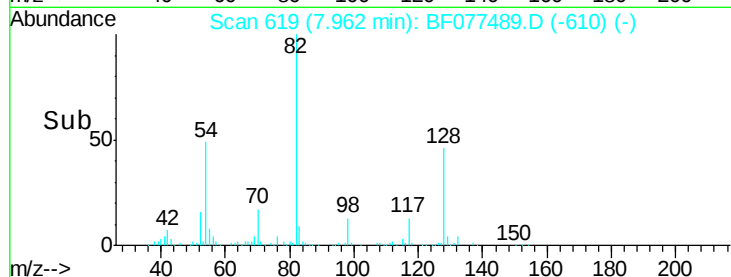
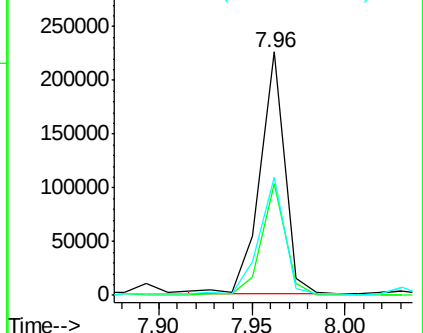
#23
Nitrobenzene-d5
Concen: 44.17 ng
RT: 7.96 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	43.8	65.8
54	48.8	36.7	55.1

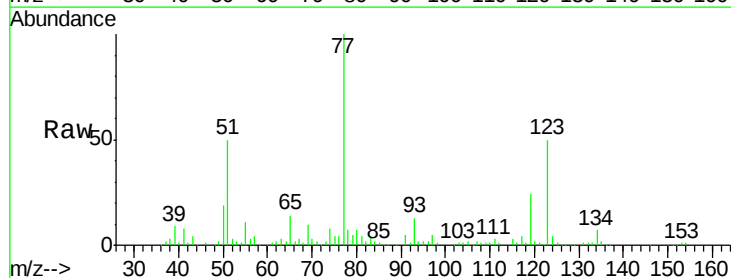


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

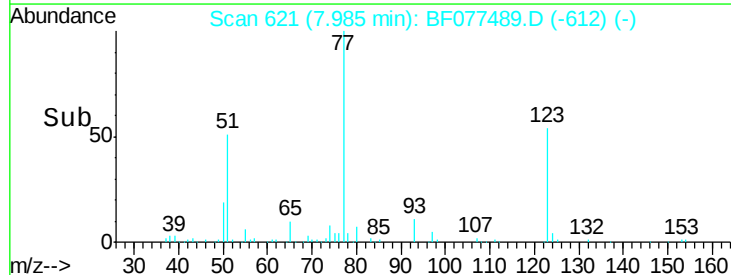
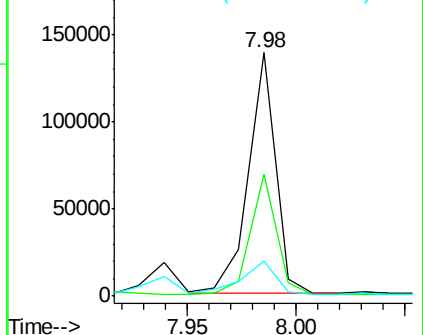


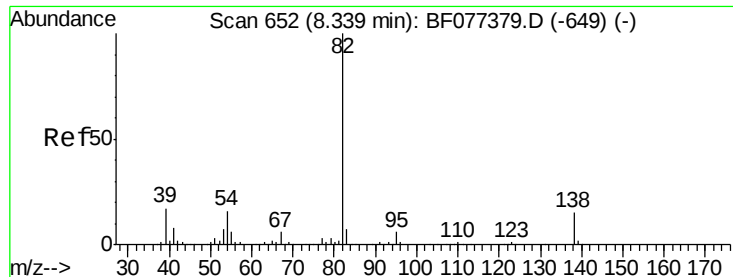
#24
Nitrobenzene
Concen: 24.87 ng
RT: 7.98 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	45.9	68.9
65	14.5	9.5	14.3#



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

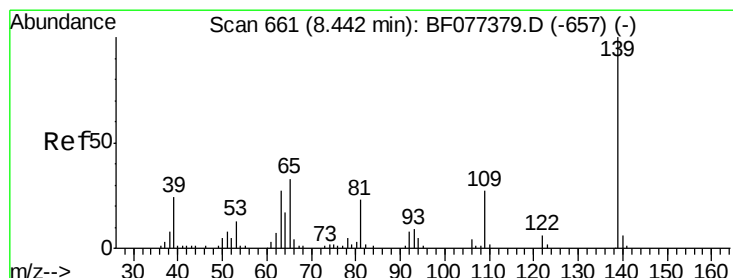
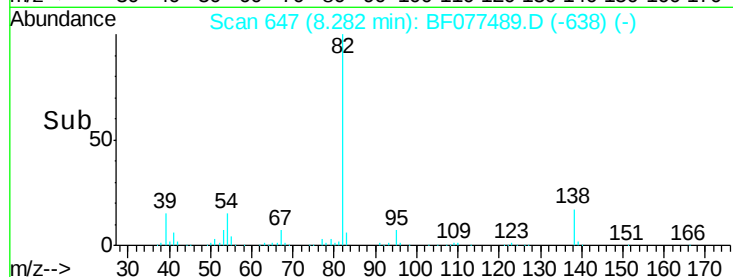
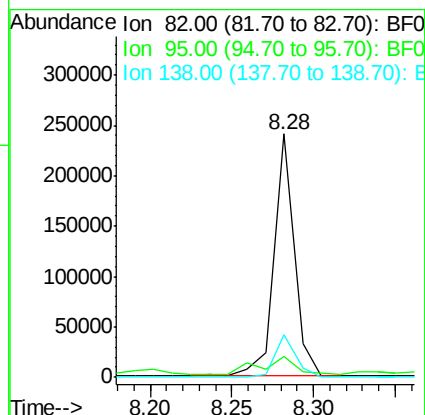
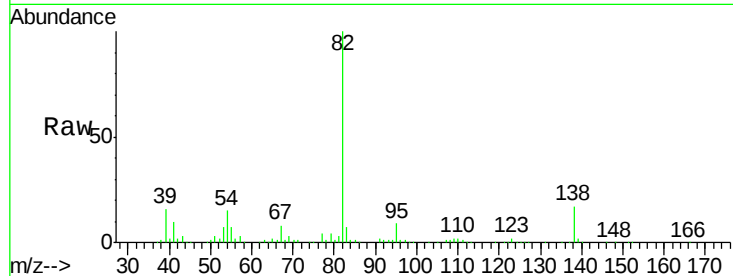




#25
Isophorone
Concen: 23.05 ng
RT: 8.28 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

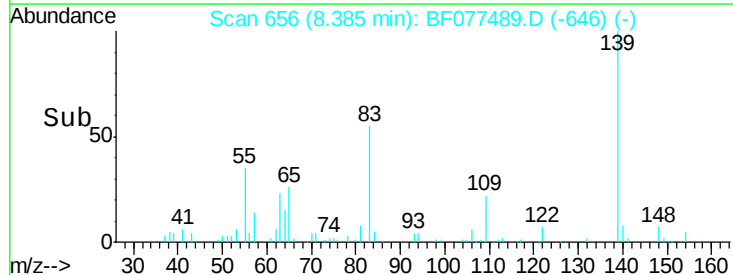
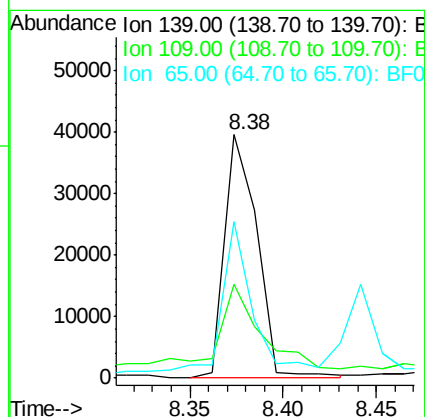
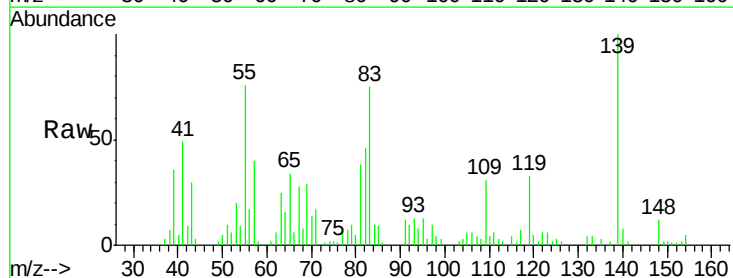
Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

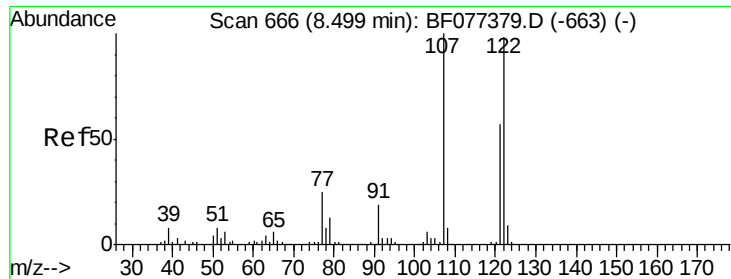
Tgt Ion: 82 Resp: 209970
Ion Ratio Lower Upper
82 100
95 8.5 5.4 8.2#
138 17.3 16.3 24.5



#26
2-Nitrophenol
Concen: 24.44 ng
RT: 8.38 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion: 139 Resp: 48374
Ion Ratio Lower Upper
139 100
109 31.0 22.6 34.0
65 34.4 36.4 54.6#

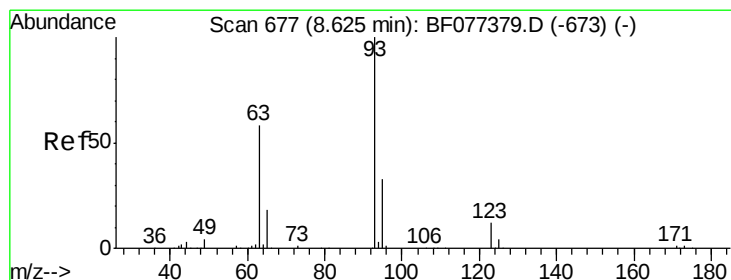
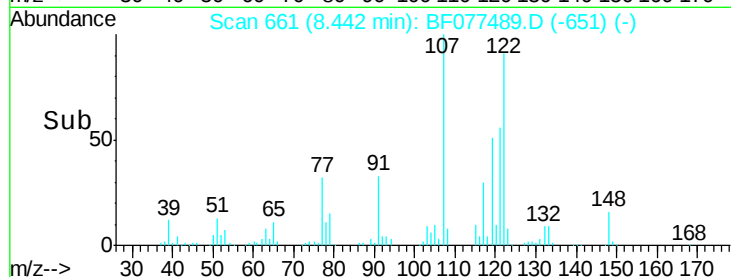
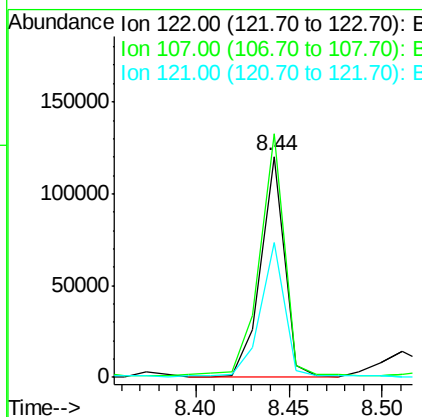
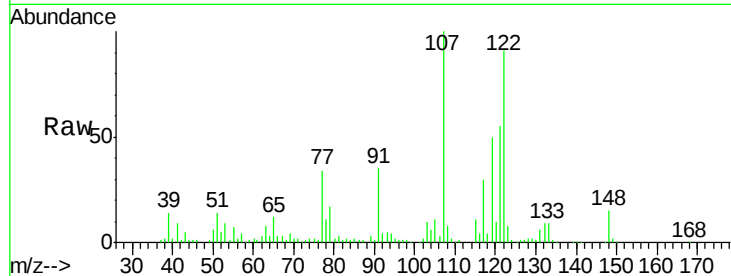




#27
 2,4-Dimethylphenol
 Concen: 23.80 ng
 RT: 8.44 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

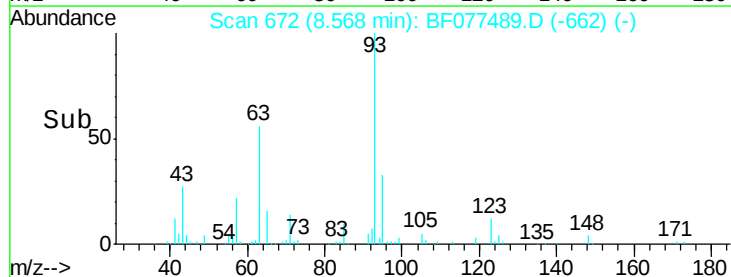
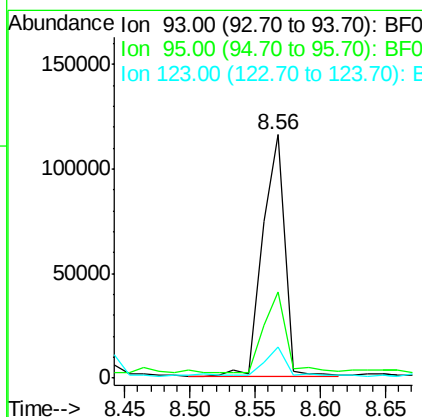
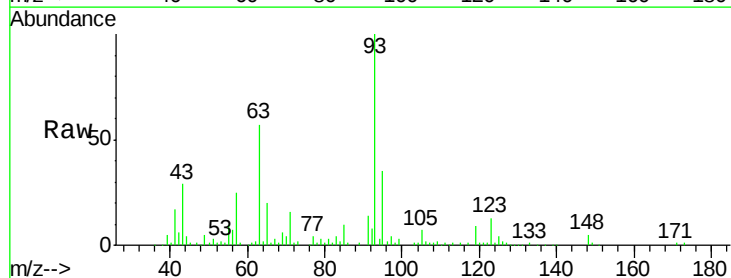
Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

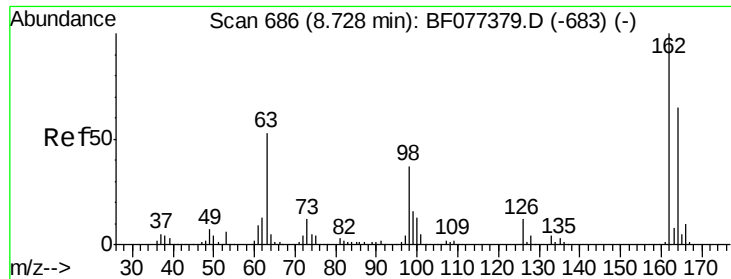
Tgt Ion:122 Resp: 105429
 Ion Ratio Lower Upper
 122 100
 107 110.2 86.6 130.0
 121 61.1 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 23.75 ng
 RT: 8.56 min Scan# 672
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion: 93 Resp: 136648
 Ion Ratio Lower Upper
 93 100
 95 35.4 26.4 39.6
 123 12.8 8.7 13.1

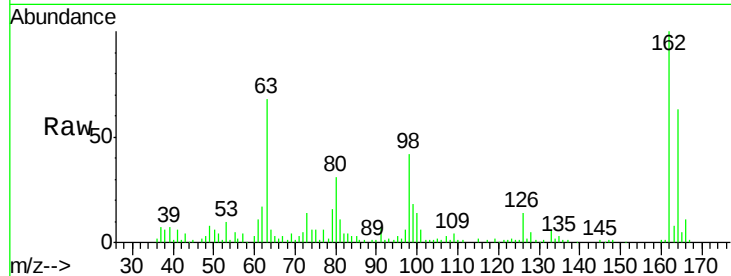




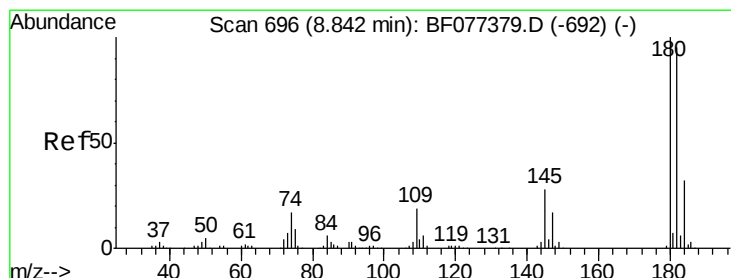
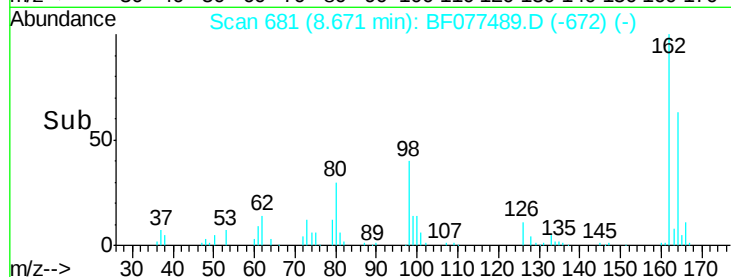
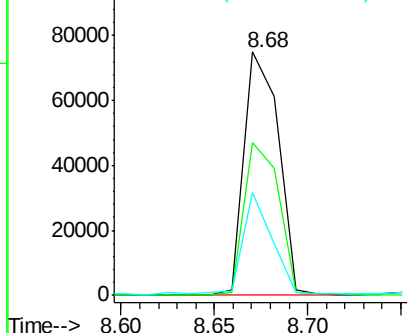
#29
 2,4-Dichlorophenol
 Concen: 23.05 ng
 RT: 8.68 min Scan# 681
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	46.4	86.4
98	42.1	6.9	46.9

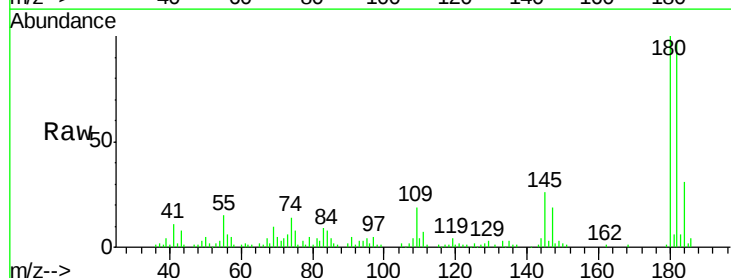


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

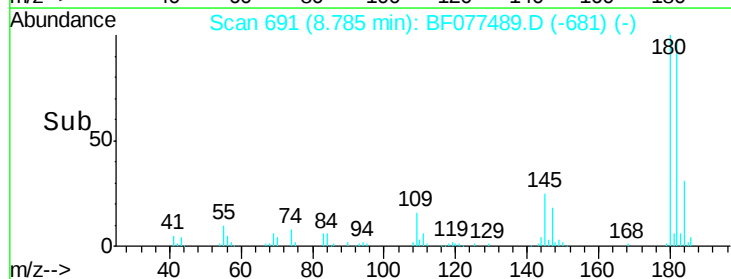
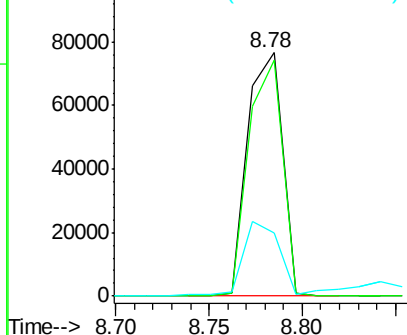


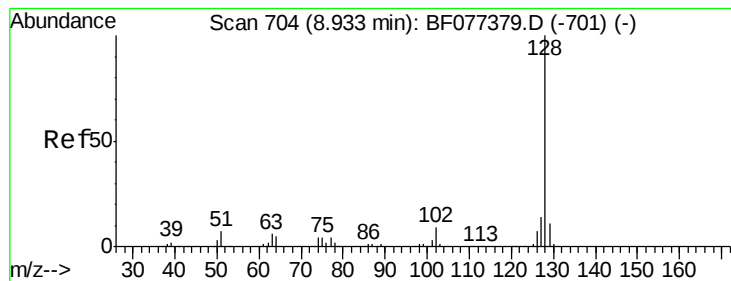
#30
 1,2,4-Trichlorobenzene
 Concen: 21.73 ng
 RT: 8.78 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.2	114.4
145	25.9	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: 35.99 ng

RT: 8.87 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

ClientSampleId :

B-11-D910MSD

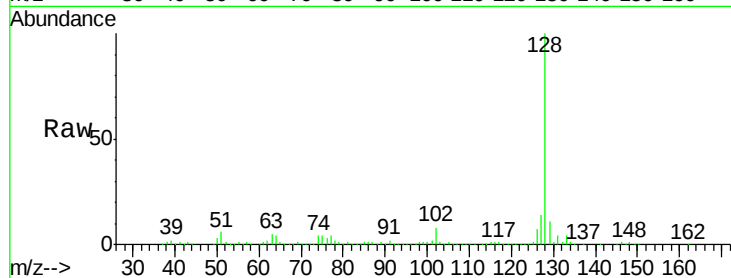
Tgt Ion:128 Resp: 513777

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

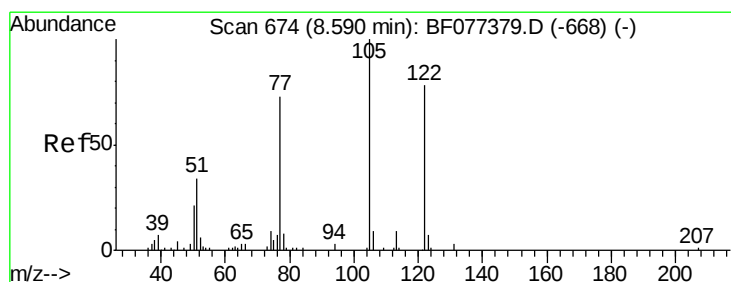
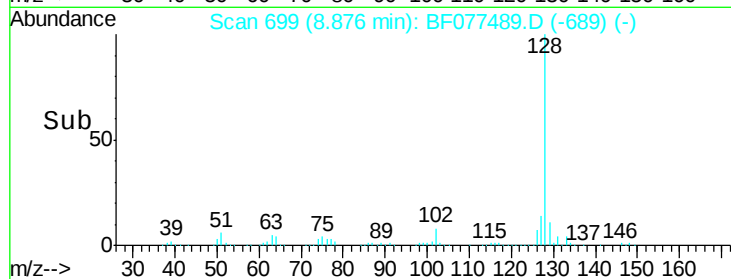
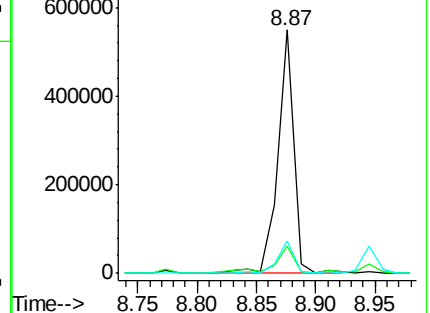
127 13.6 10.6 15.8



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: 13.32 ng

RT: 8.52 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

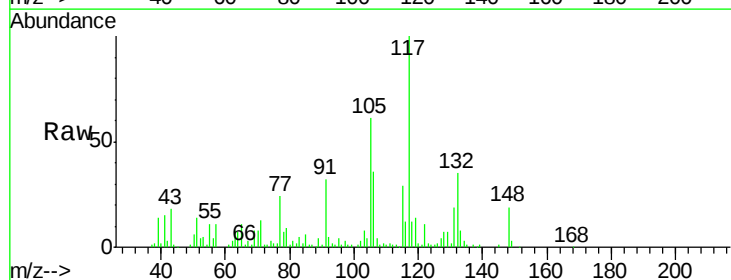
Tgt Ion:122 Resp: 28665

Ion Ratio Lower Upper

122 100

105 570.5 100.3 140.3#

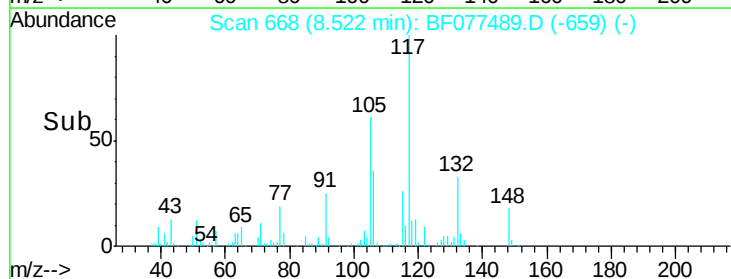
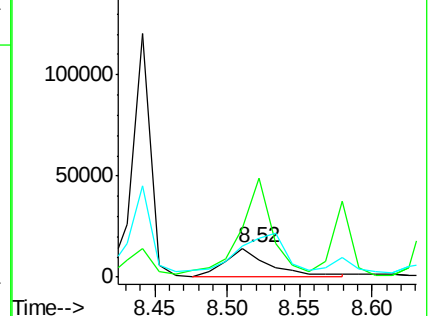
77 219.5 68.7 108.7#

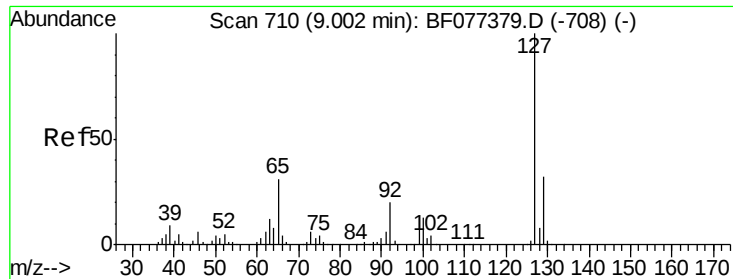


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

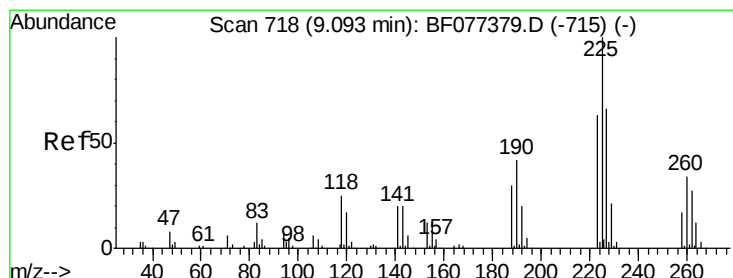
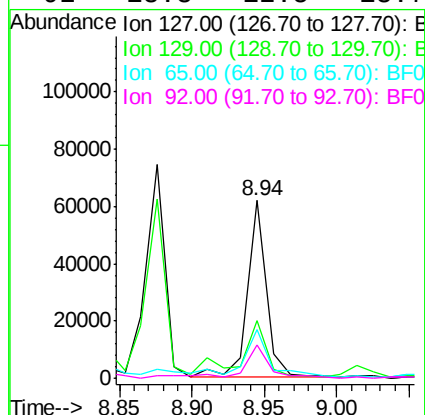
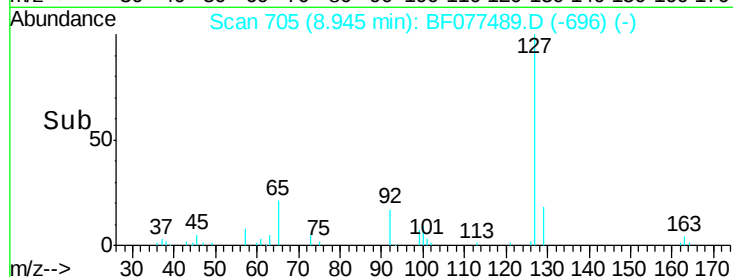
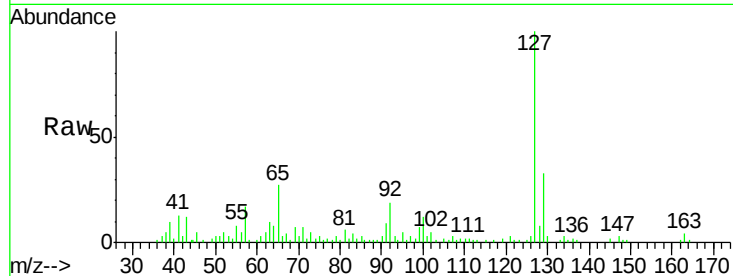




#33
4-Chloroaniline
Concen: 8.77 ng
RT: 8.94 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

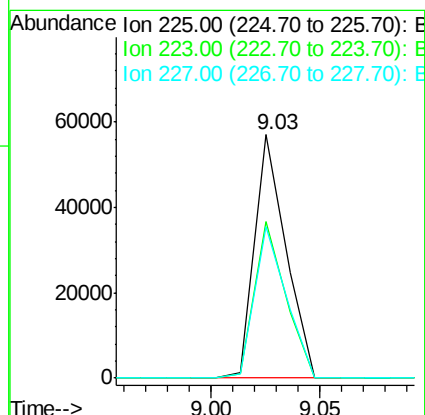
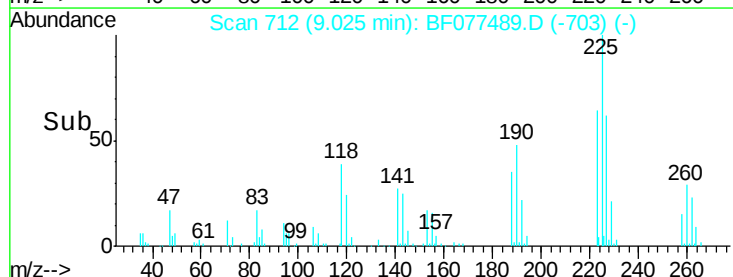
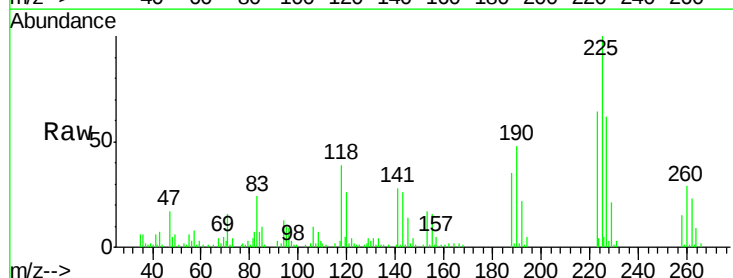
Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

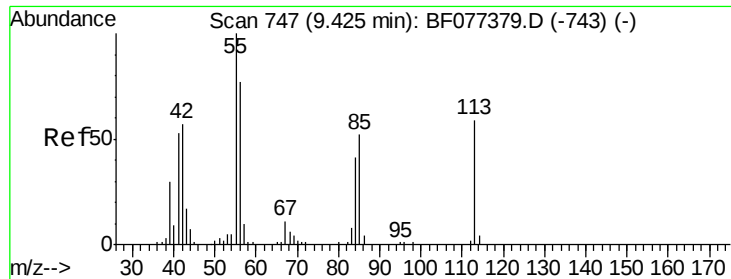
Tgt Ion:	127	Resp:	55690
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.9	40.3
65	27.2	16.7	25.1#
92	18.8	12.5	18.7#



#34
Hexachlorobutadiene
Concen: 21.89 ng
RT: 9.03 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion:	225	Resp:	57132
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.5	74.3
227	62.1	50.5	75.7

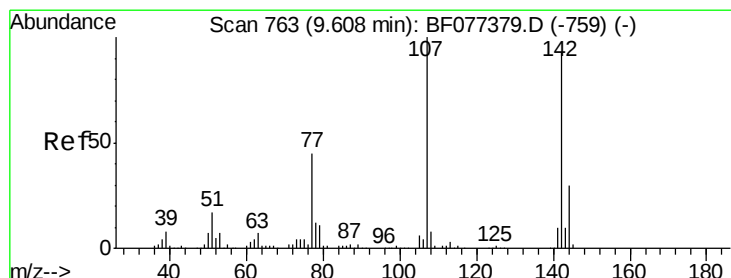
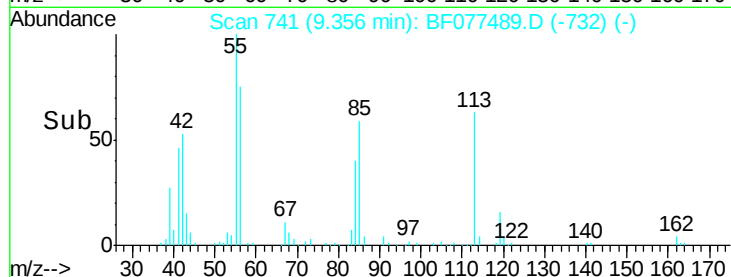
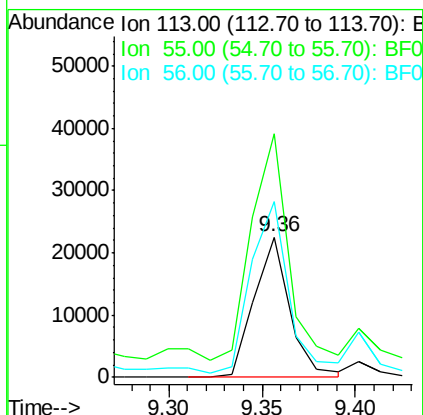
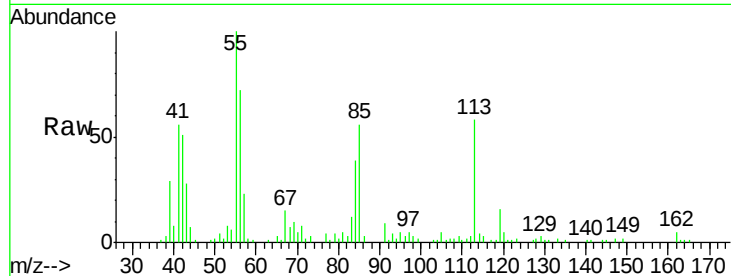




#35
Caprolactam
Concen: 23.50 ng
RT: 9.36 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

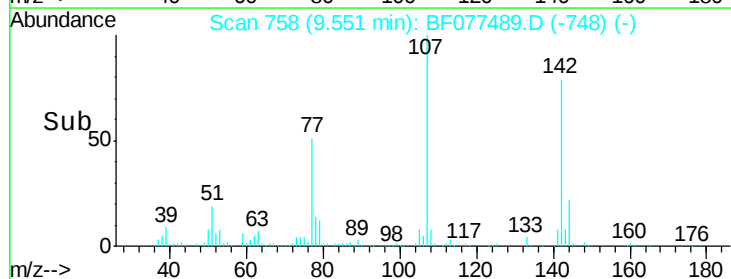
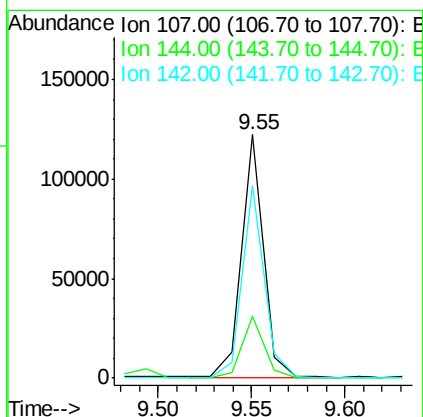
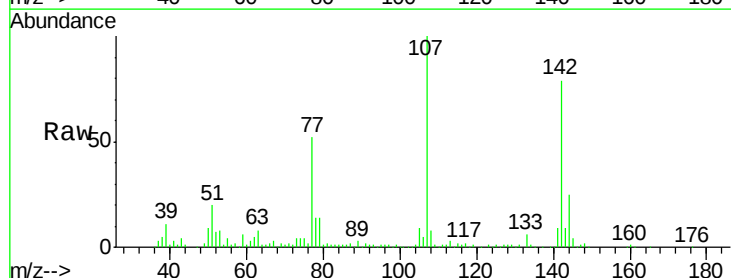
Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

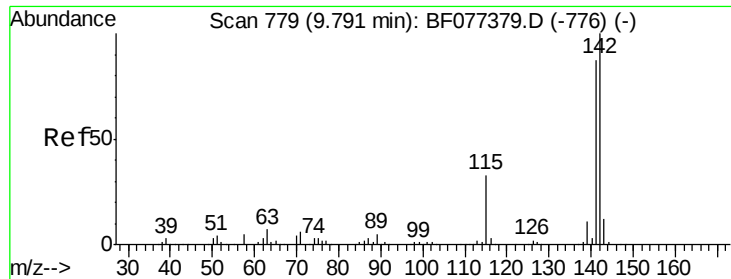
Tgt Ion:113 Resp: 29822
Ion Ratio Lower Upper
113 100
55 173.7 154.6 194.6
56 125.8 114.0 154.0



#36
4-Chloro-3-methylphenol
Concen: 23.85 ng
RT: 9.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion:107 Resp: 99682
Ion Ratio Lower Upper
107 100
144 25.5 21.1 31.7
142 78.8 65.3 97.9

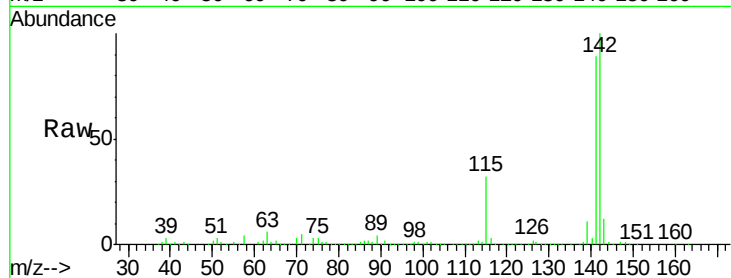




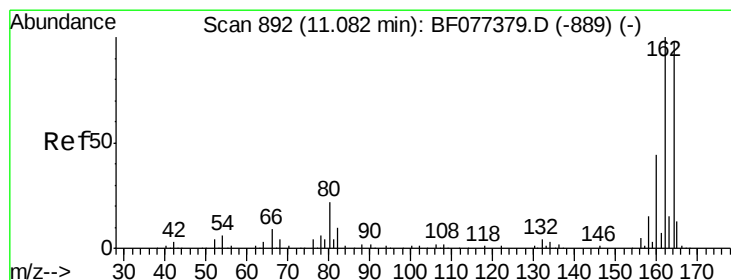
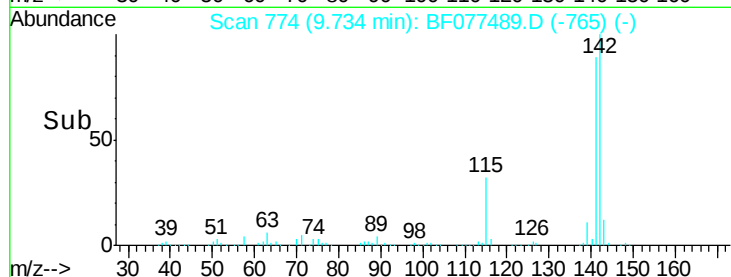
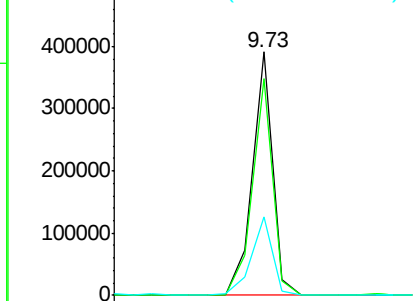
#37
 2-Methylnaphthalene
 Concen: 33.24 ng
 RT: 9.73 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Tgt Ion:142 Resp: 336972
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.7 106.1
 115 32.2 24.2 36.4

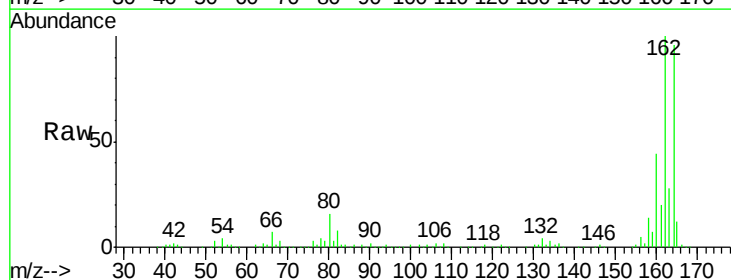


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

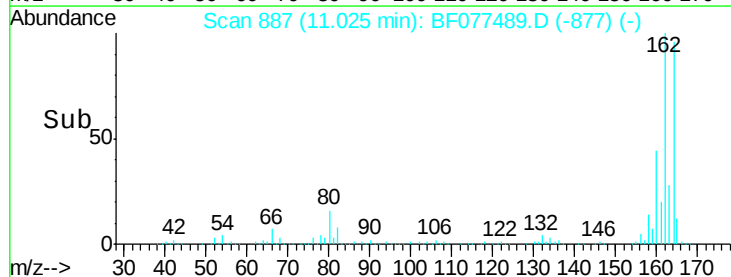
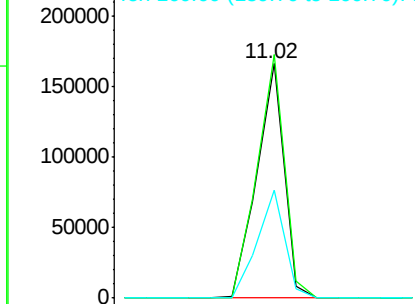


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion:164 Resp: 167049
 Ion Ratio Lower Upper
 164 100
 162 104.0 83.2 124.8
 160 46.2 34.6 52.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.94 ng

RT: 9.94 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

ClientSampleId :

B-11-D910MSD

Tgt Ion:216 Resp: 105182

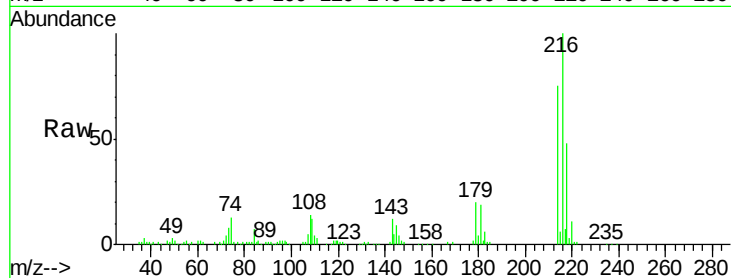
Ion Ratio Lower Upper

216 100

214 76.4 63.4 95.0

179 21.5 16.6 25.0

108 18.3 14.2 21.4

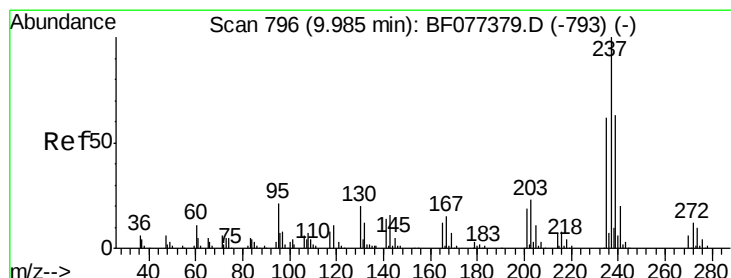
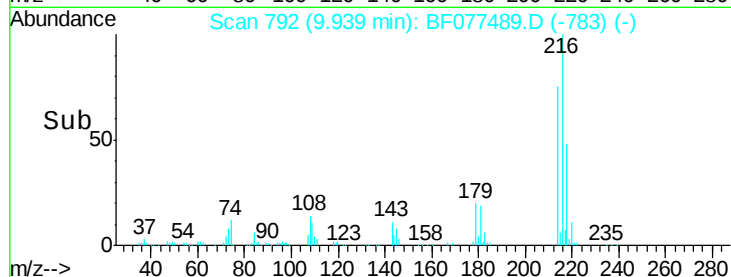
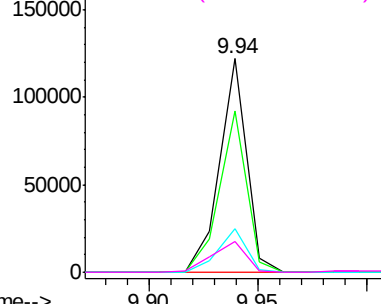


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 11.31 ng

RT: 9.92 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

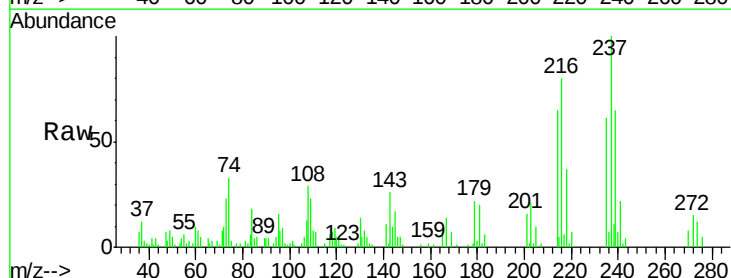
Tgt Ion:237 Resp: 29072

Ion Ratio Lower Upper

237 100

235 61.4 41.0 81.0

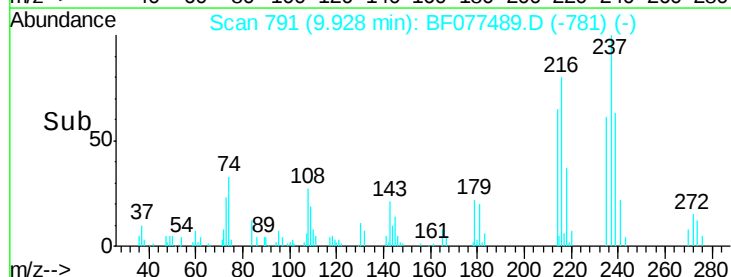
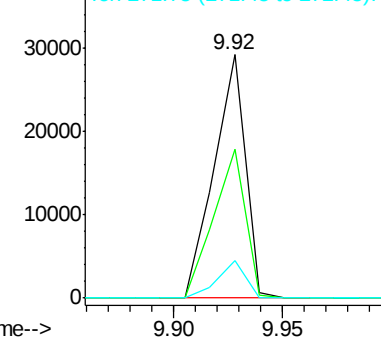
272 15.2 0.0 34.3

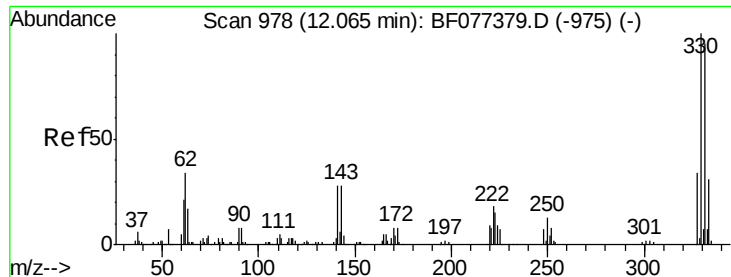


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

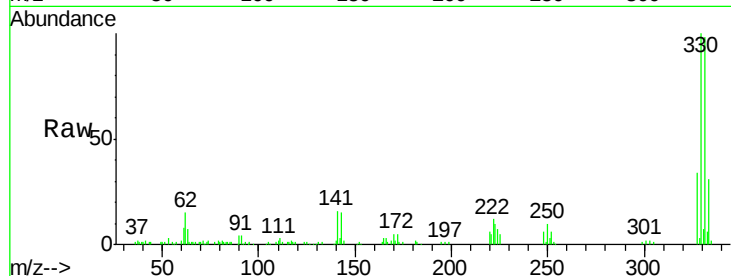




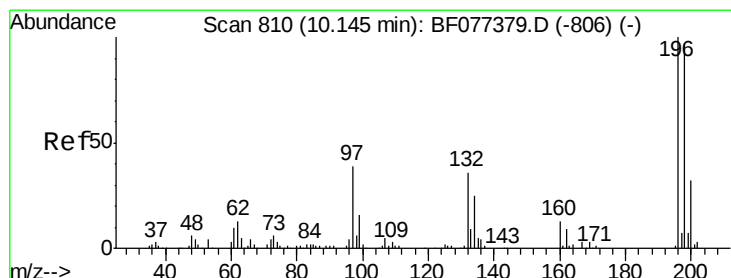
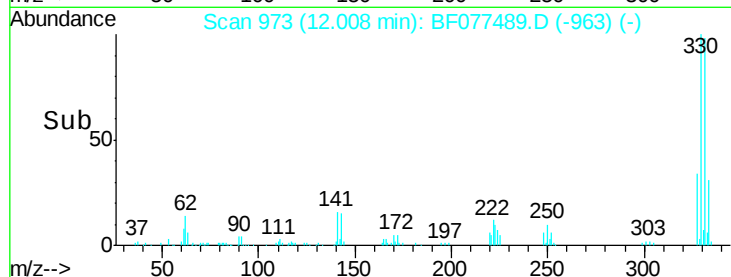
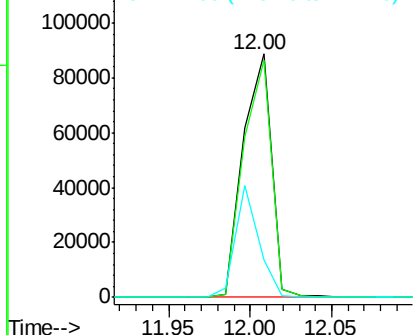
#41
 2,4,6-Tribromophenol
 Concen: 66.38 ng
 RT: 12.00 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Tgt Ion:330 Resp: 106778
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 37.8 28.8 43.2

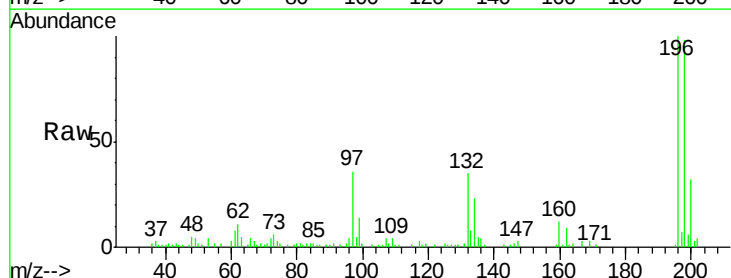


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

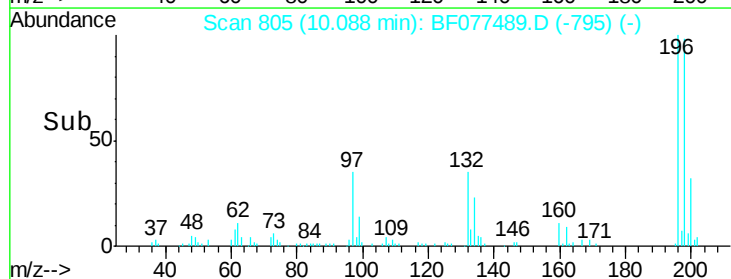
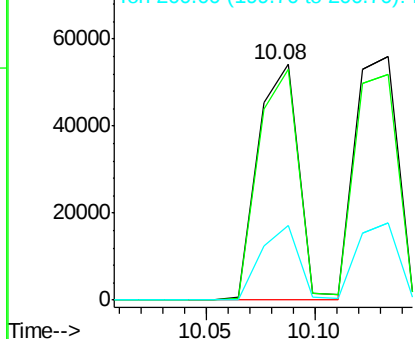


#42
 2,4,6-Trichlorophenol
 Concen: 22.30 ng
 RT: 10.08 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion:196 Resp: 70775
 Ion Ratio Lower Upper
 196 100
 198 98.1 75.8 113.8
 200 31.5 24.2 36.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

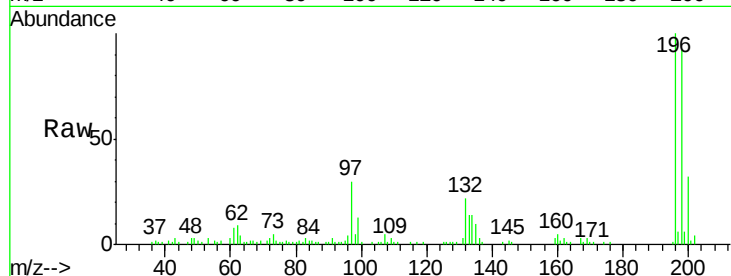




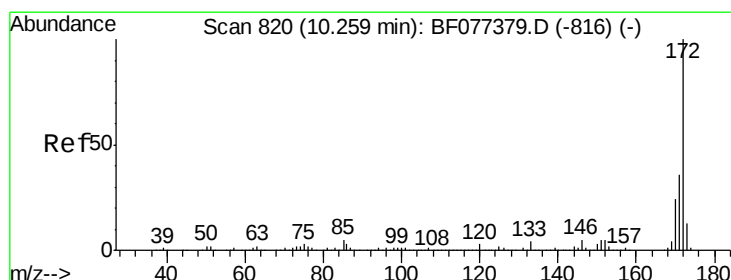
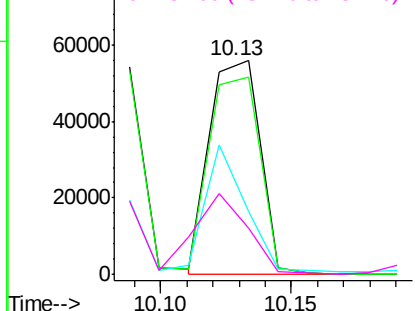
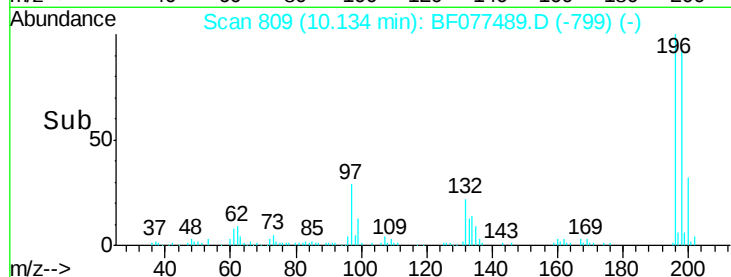
#43
2,4,5-Trichlorophenol
Concen: 22.44 ng
RT: 10.13 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion:196 Resp: 76183
Ion Ratio Lower Upper
196 100
198 92.5 77.2 115.8
97 29.6 27.7 41.5
132 21.8 18.0 27.0

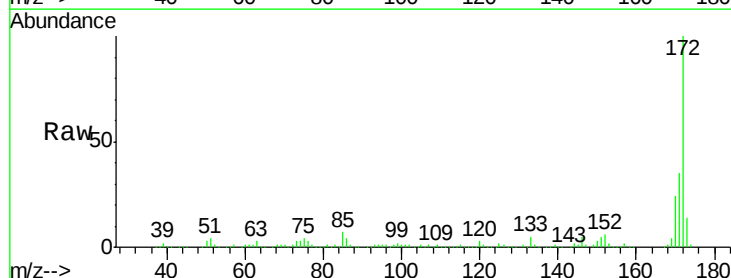


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

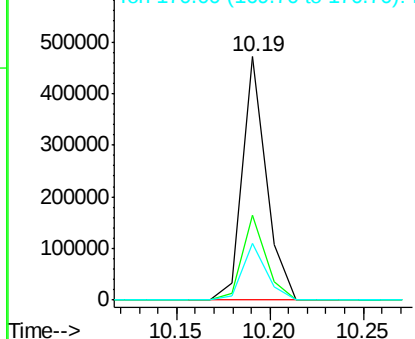
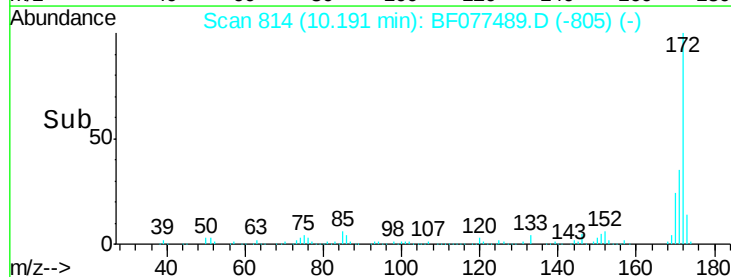


#44
2-Fluorobiphenyl
Concen: 39.26 ng
RT: 10.19 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion:172 Resp: 420628
Ion Ratio Lower Upper
172 100
171 35.1 28.9 43.3
170 23.5 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

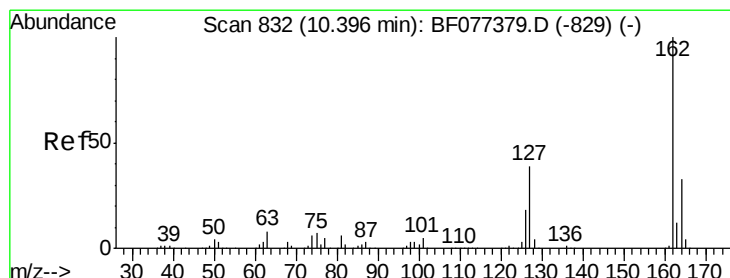
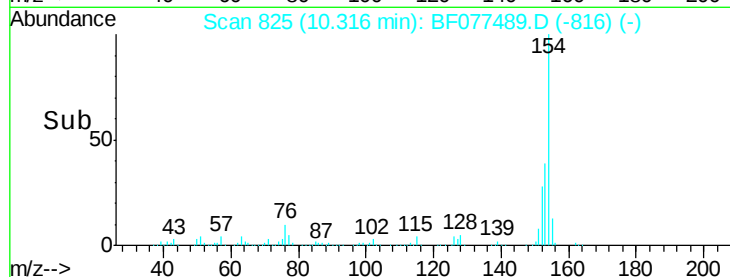
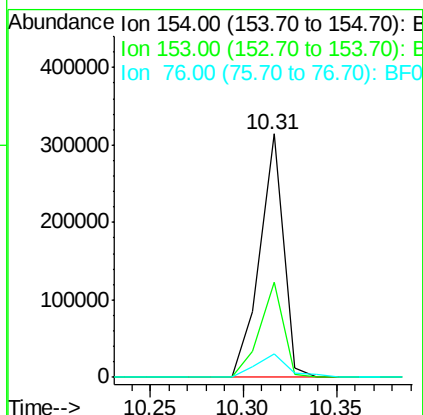
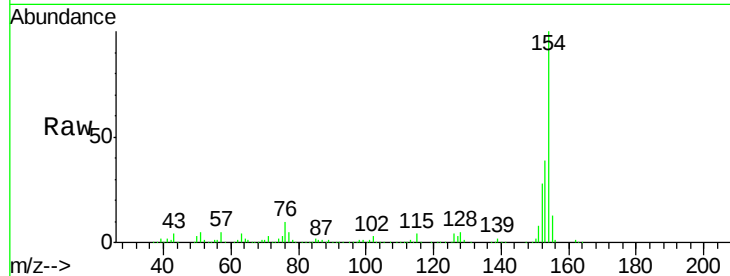




#45
1,1'-Biphenyl
Concen: 22.26 ng
RT: 10.31 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

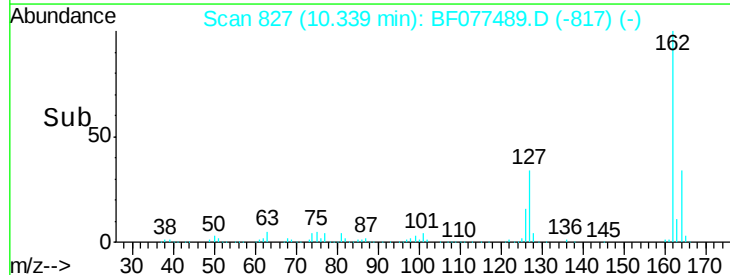
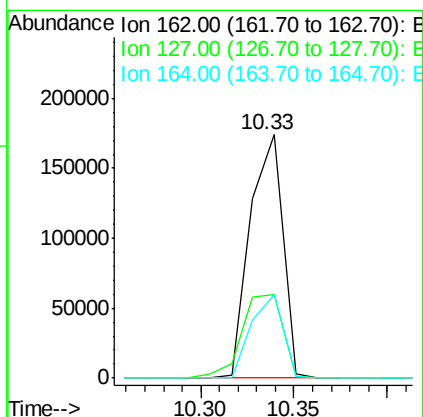
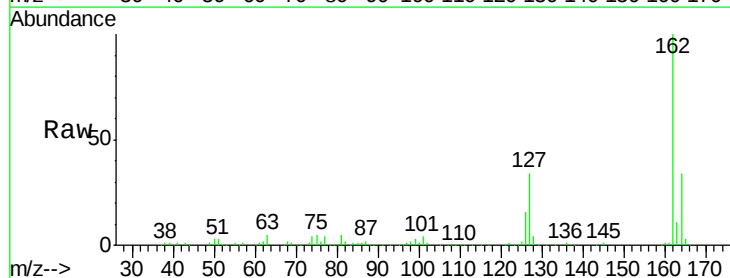
Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

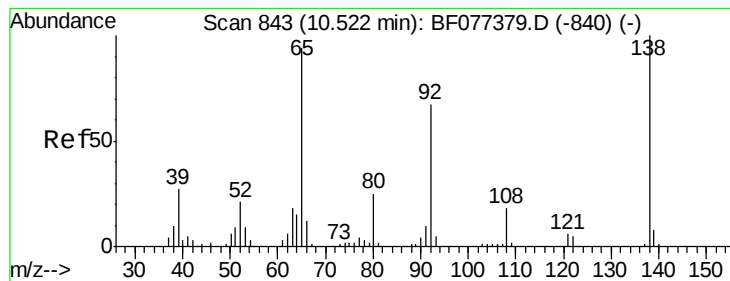
Tgt Ion:154 Resp: 281730
Ion Ratio Lower Upper
154 100
153 39.1 20.2 60.2
76 9.6 0.0 29.4



#46
2-Chloronaphthalene
Concen: 21.29 ng
RT: 10.33 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion:162 Resp: 211283
Ion Ratio Lower Upper
162 100
127 34.4 33.3 49.9
164 34.2 26.2 39.4





#47

2-Nitroaniline

Concen: 26.33 ng

RT: 10.46 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

ClientSampleId :

B-11-D910MSD

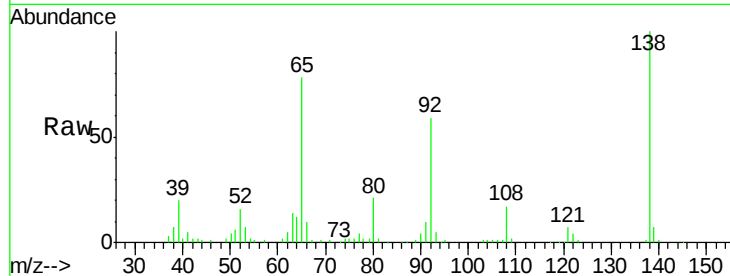
Tgt Ion: 65 Resp: 64341

Ion Ratio Lower Upper

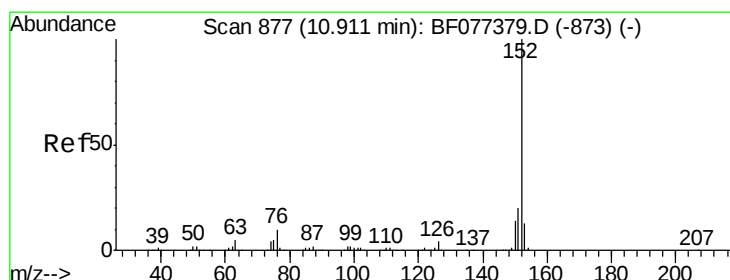
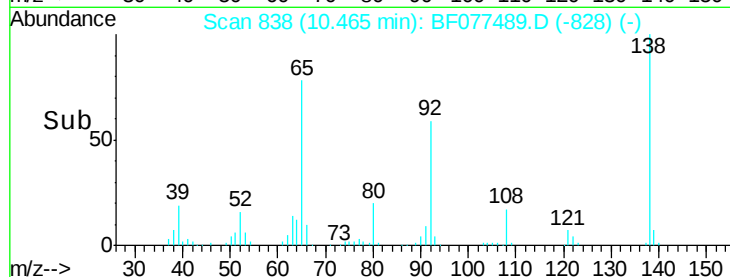
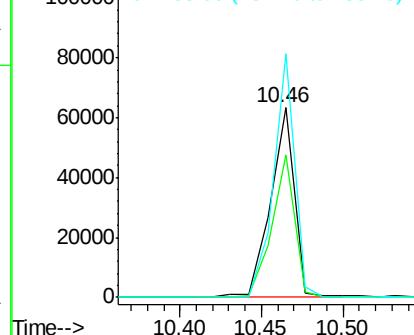
65 100

92 75.4 52.4 78.6

138 128.6 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: 21.84 ng

RT: 10.85 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

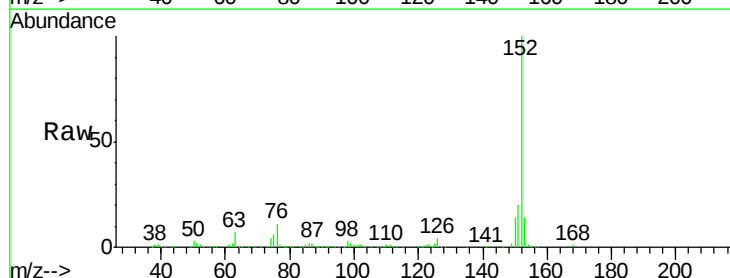
Tgt Ion: 152 Resp: 343143

Ion Ratio Lower Upper

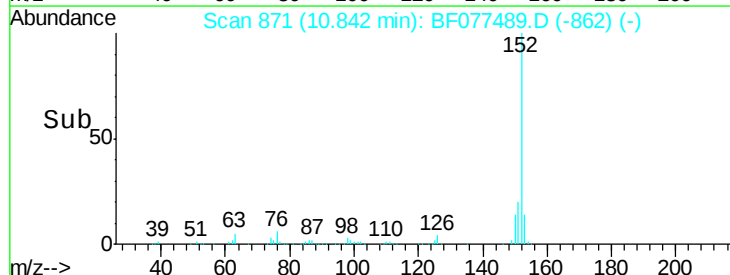
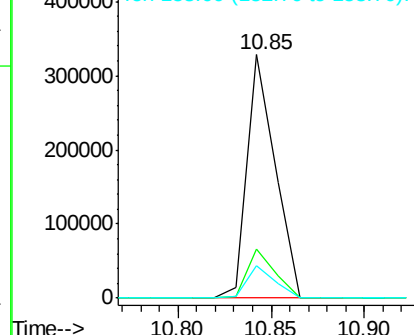
152 100

151 19.9 16.1 24.1

153 13.5 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 24.30 ng

RT: 10.70 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

ClientSampleId :

B-11-D910MSD

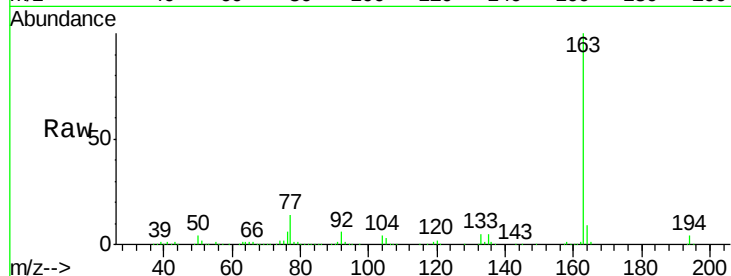
Tgt Ion:163 Resp: 285319

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

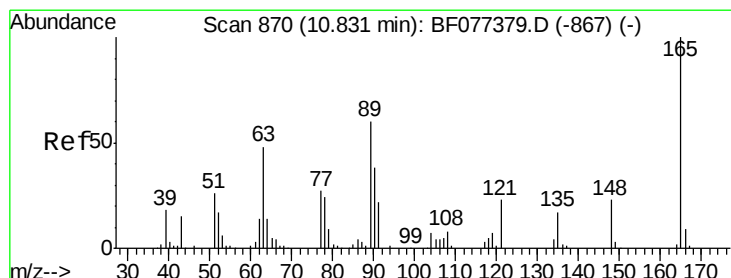
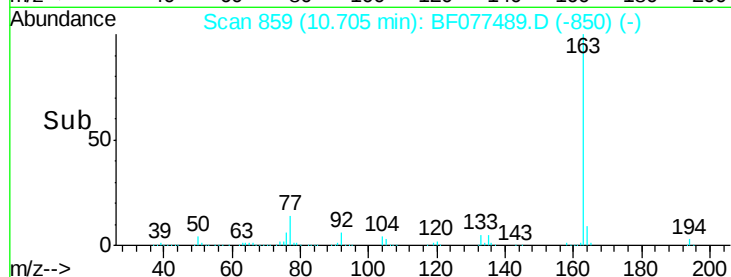
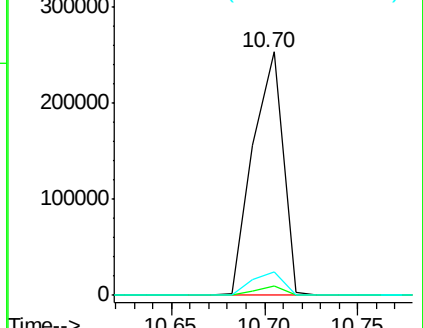
164 9.4 8.6 13.0



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: 22.82 ng

RT: 10.77 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

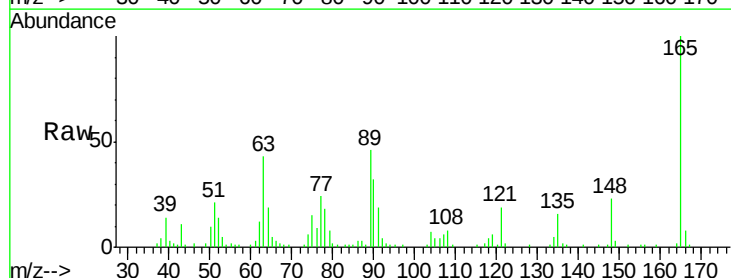
Tgt Ion:165 Resp: 53740

Ion Ratio Lower Upper

165 100

63 42.8 25.2 37.8#

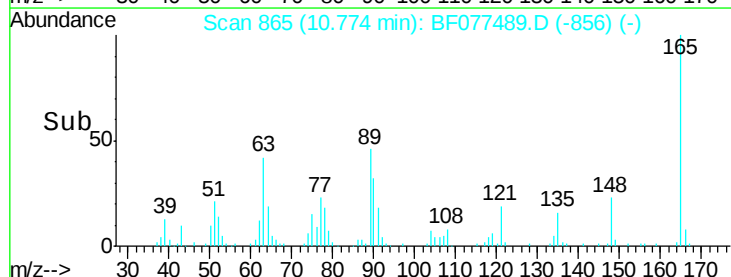
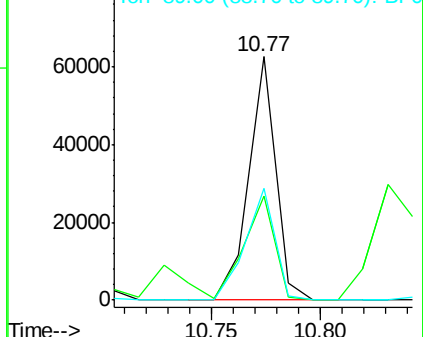
89 45.9 30.5 45.7#

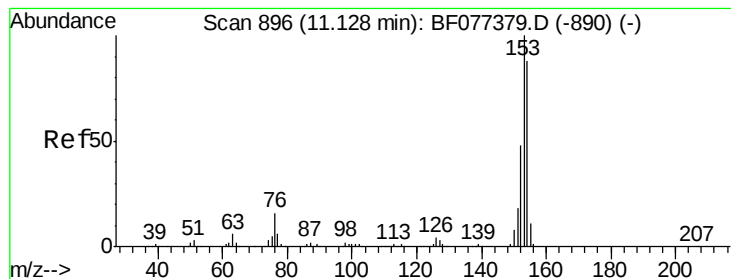


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 21.82 ng

RT: 11.06 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

ClientSampleId :

B-11-D910MSD

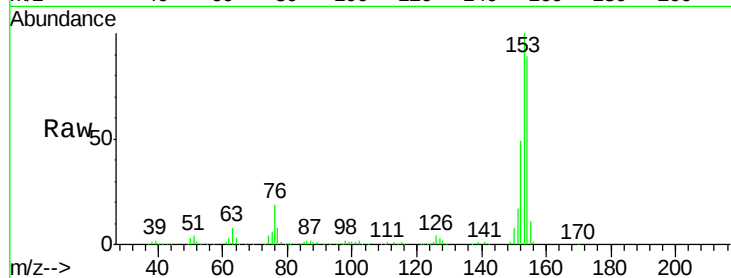
Tgt Ion:154 Resp: 204604

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

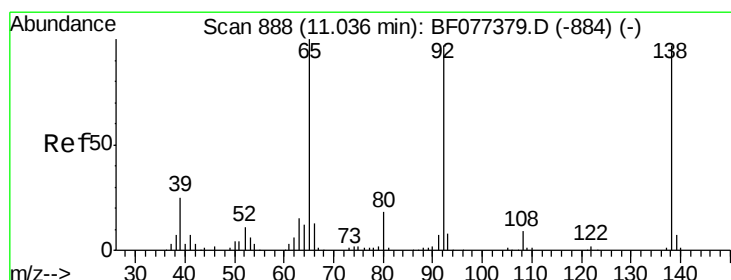
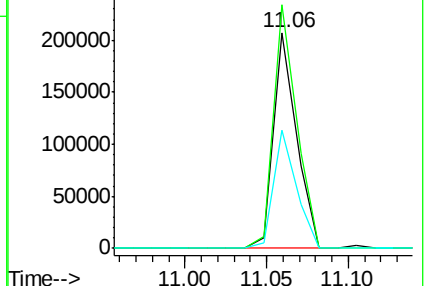
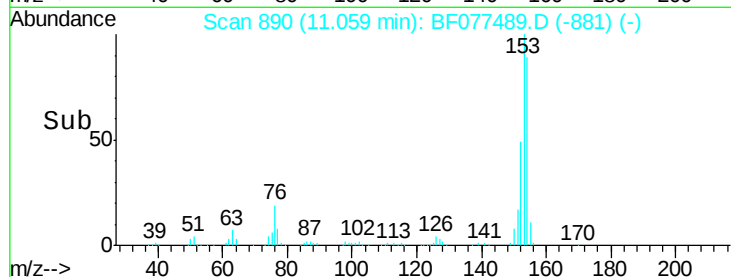
152 54.9 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.89 ng

RT: 10.97 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

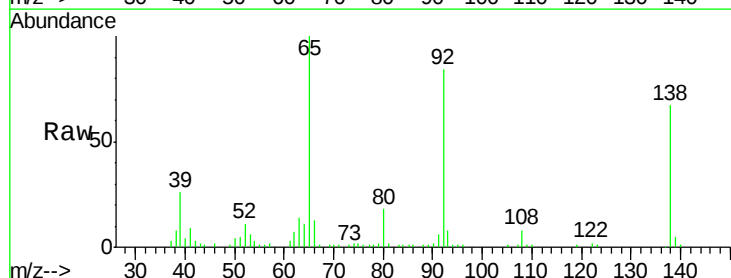
Tgt Ion:138 Resp: 48577

Ion Ratio Lower Upper

138 100

108 11.7 7.8 11.8

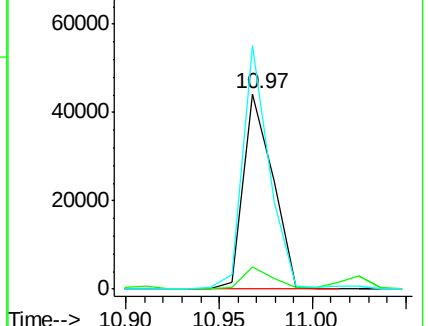
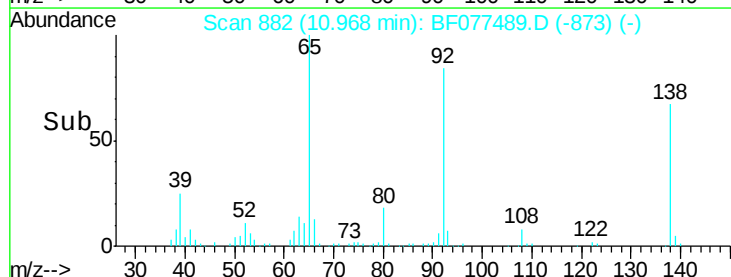
92 124.7 90.6 135.8

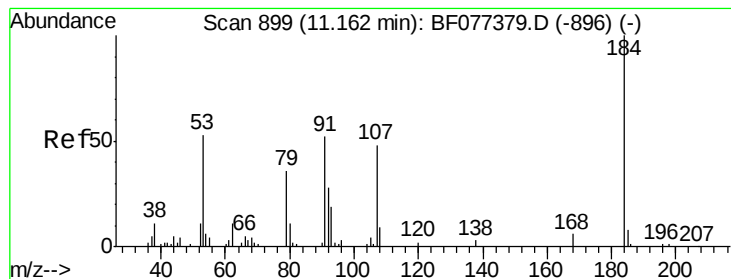


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 4.91 ng

RT: 11.11 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

ClientSampleId :

B-11-D910MSD

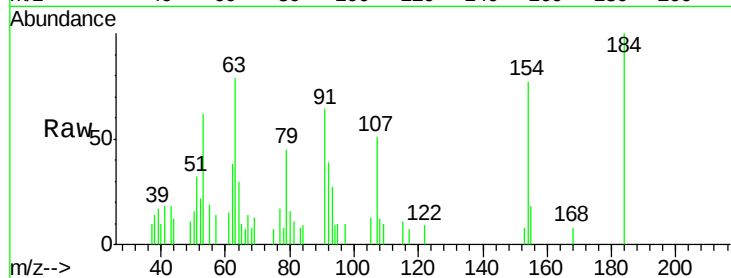
Tgt Ion:184 Resp: 3515

Ion Ratio Lower Upper

184 100

63 78.5 29.5 44.3#

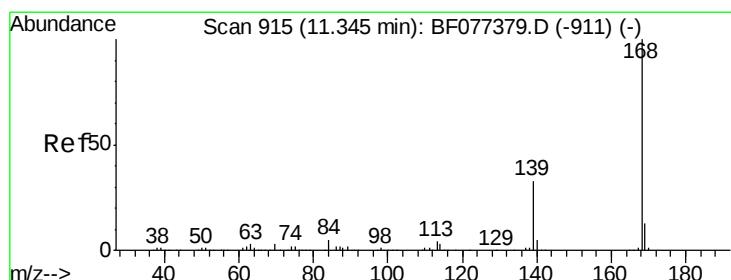
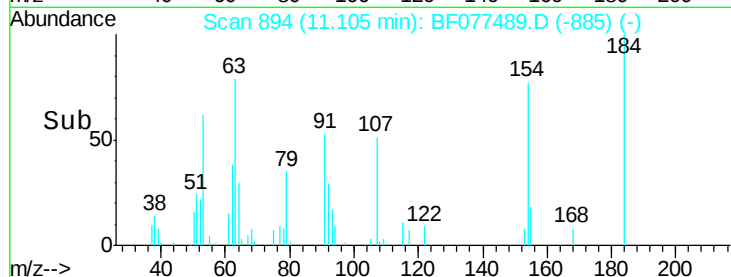
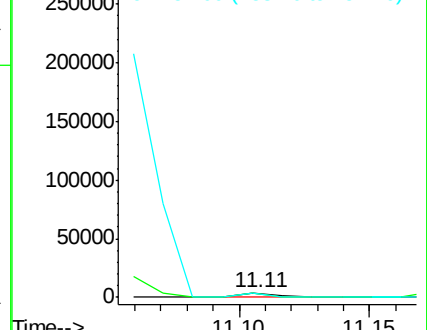
154 77.2 43.2 64.8#



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: 22.41 ng

RT: 11.28 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

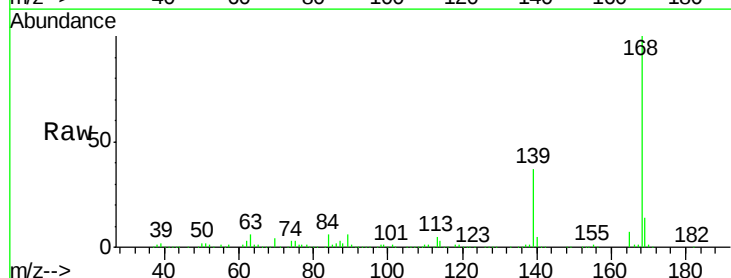
Tgt Ion:168 Resp: 324370

Ion Ratio Lower Upper

168 100

139 37.0 29.3 43.9

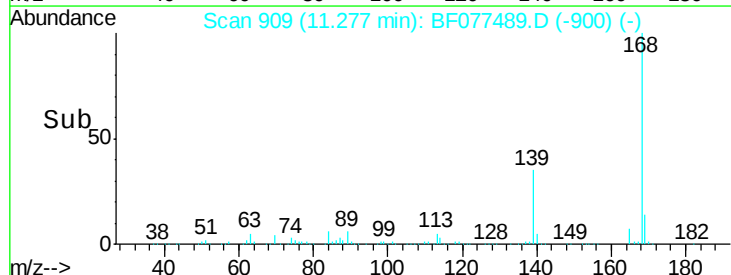
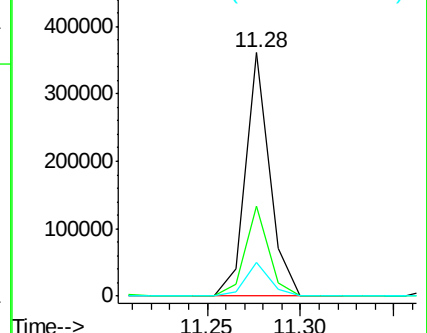
169 13.7 10.9 16.3

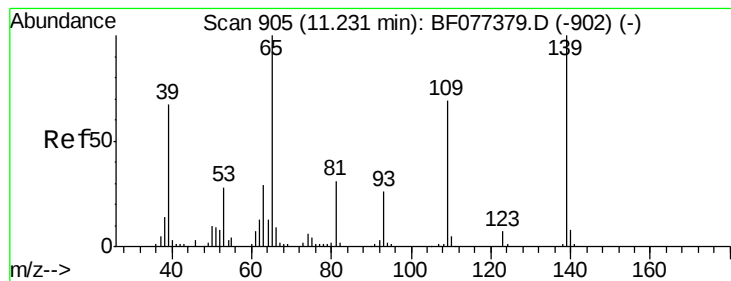


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 43.58 ng

RT: 11.19 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

ClientSampleId :

B-11-D910MSD

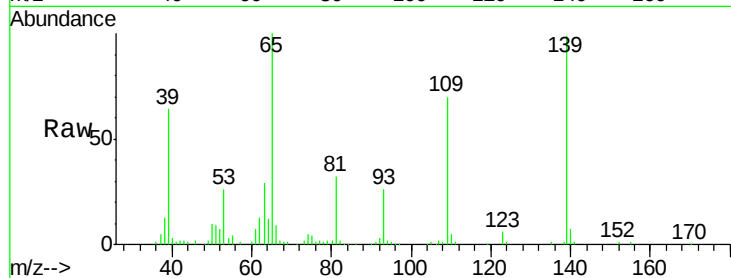
Tgt Ion:139 Resp: 95162

Ion Ratio Lower Upper

139 100

109 70.6 36.2 76.2

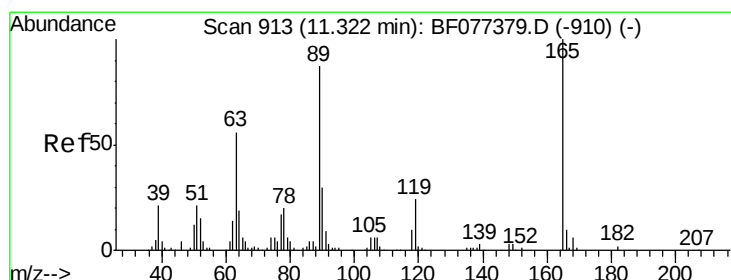
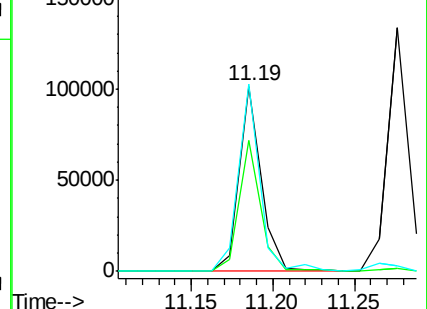
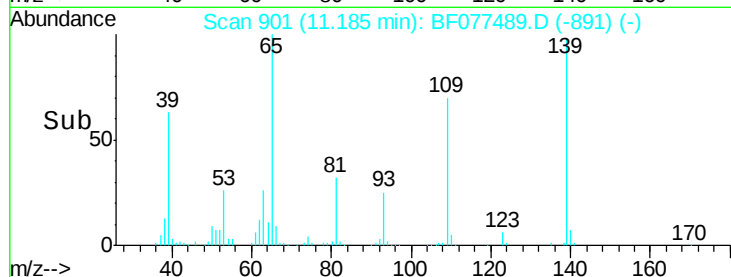
65 101.4 40.3 80.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 22.14 ng

RT: 11.27 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Tgt Ion:165 Resp: 70442

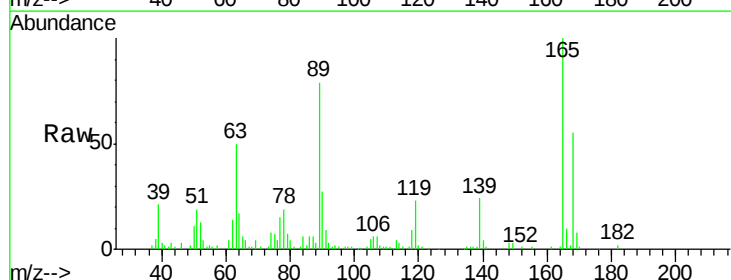
Ion Ratio Lower Upper

165 100

63 49.7 29.8 44.8#

89 78.8 48.5 72.7#

182 2.4 1.9 2.9

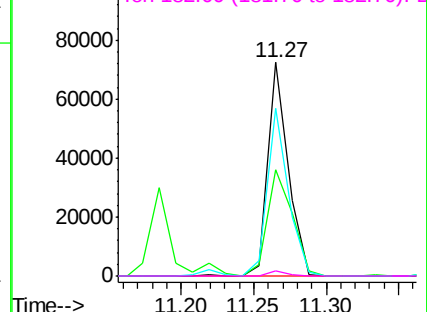
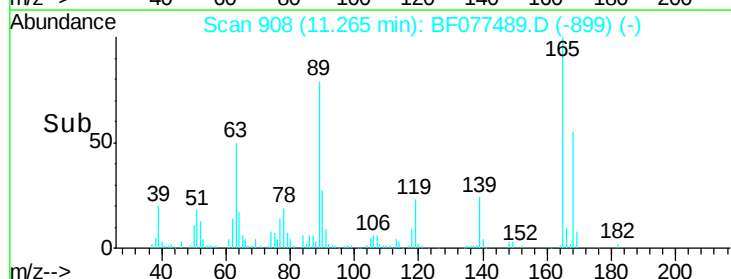


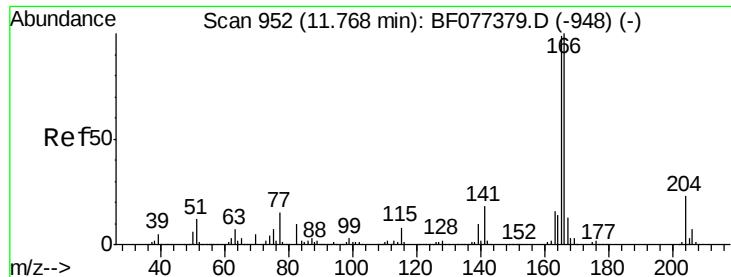
Abundance Ion 165.00 (164.70 to 165.70): E

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

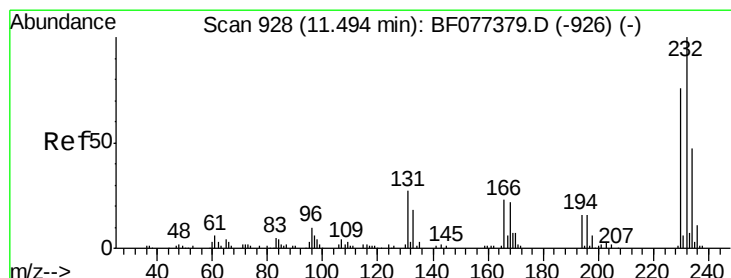
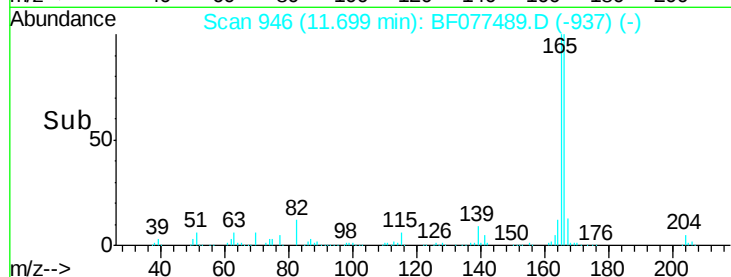
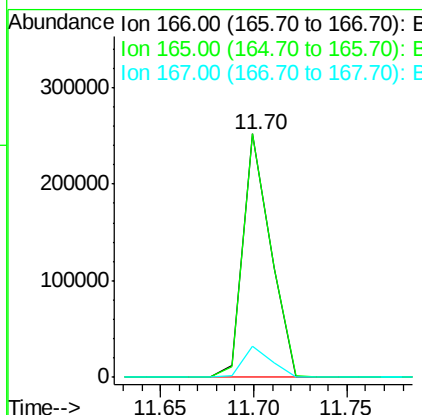
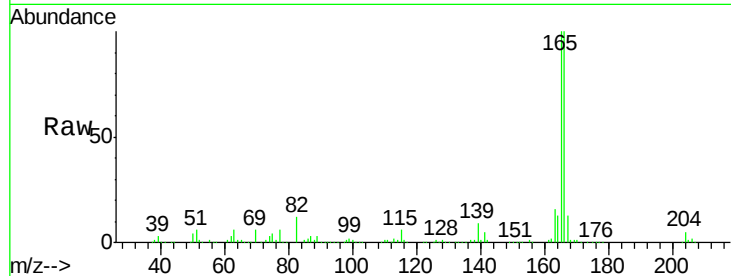




#57
 Fluorene
 Concen: 22.38 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

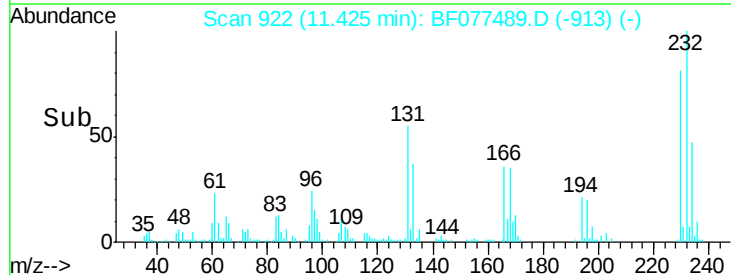
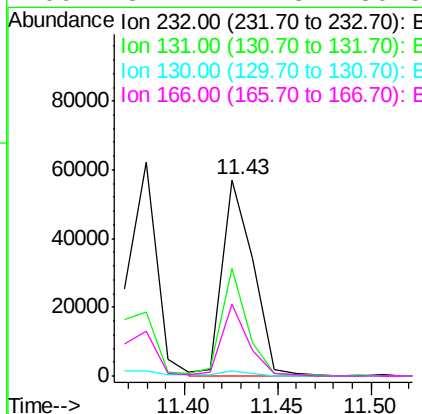
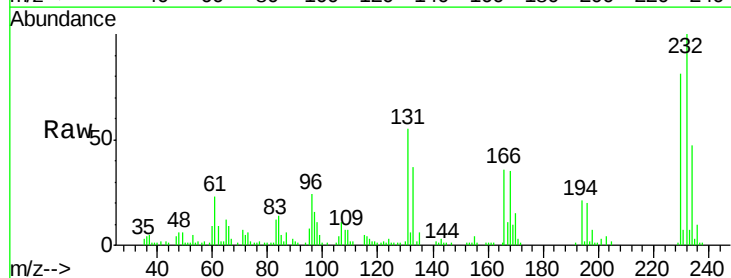
Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

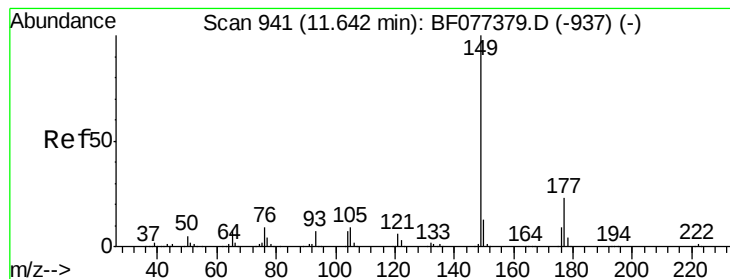
Tgt Ion:166 Resp: 259090
 Ion Ratio Lower Upper
 166 100
 165 99.9 77.6 116.4
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 24.17 ng
 RT: 11.43 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion:232 Resp: 65946
 Ion Ratio Lower Upper
 232 100
 131 46.5 34.2 51.2
 130 2.1 1.8 2.6
 166 31.7 24.3 36.5





#59

Diethylphthalate

Concen: 21.95 ng

RT: 11.58 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

ClientSampleId :

B-11-D910MSD

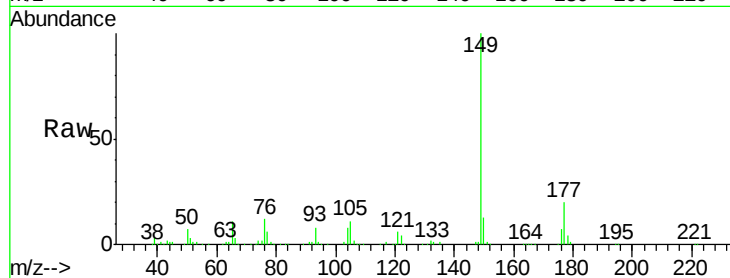
Tgt Ion:149 Resp: 254045

Ion Ratio Lower Upper

149 100

177 20.1 17.2 25.8

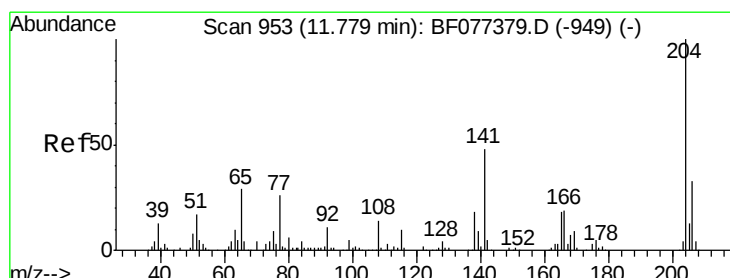
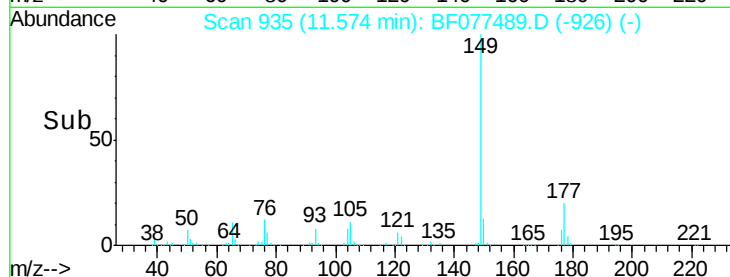
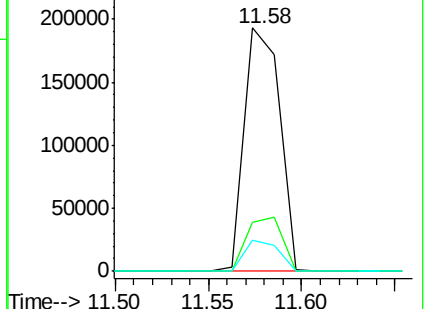
150 12.7 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 22.39 ng

RT: 11.71 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

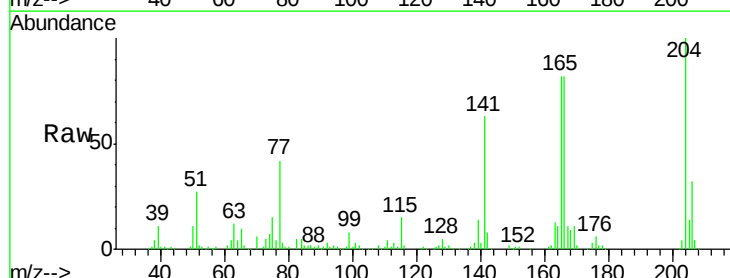
Tgt Ion:204 Resp: 124848

Ion Ratio Lower Upper

204 100

206 32.2 25.9 38.9

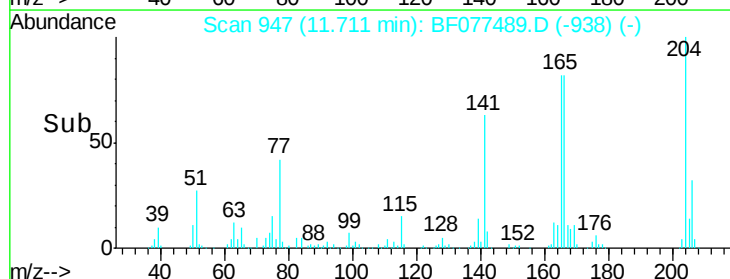
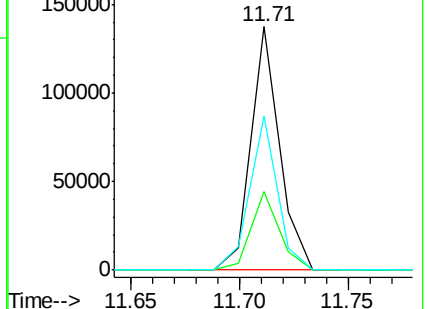
141 63.1 43.6 65.4

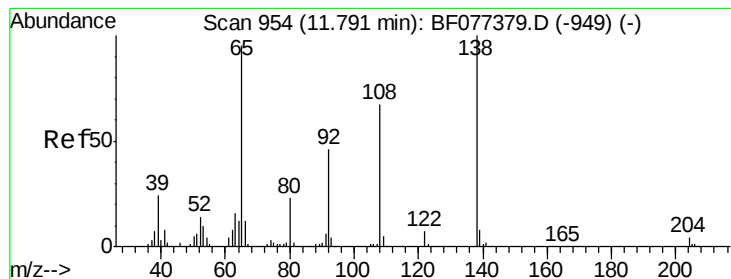


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 19.65 ng

RT: 11.72 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

ClientSampleId :

B-11-D910MSD

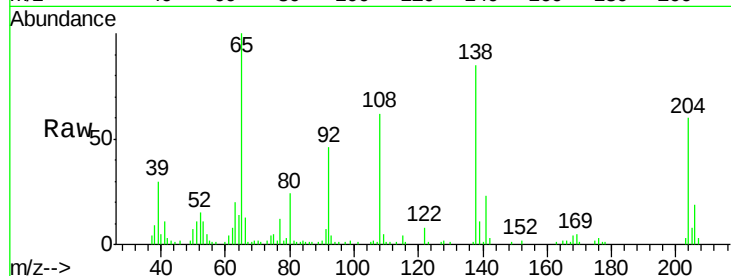
Tgt Ion:138 Resp: 51138

Ion Ratio Lower Upper

138 100

92 54.2 32.8 72.8

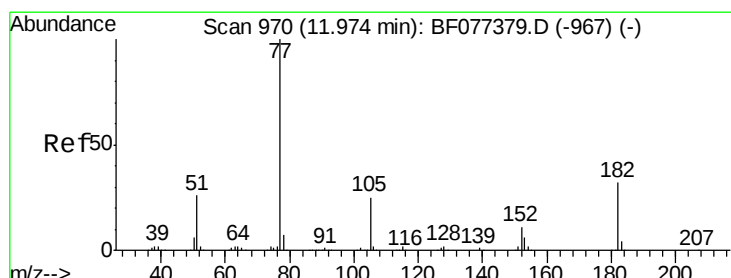
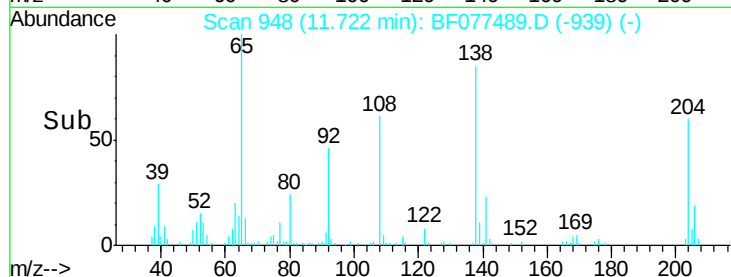
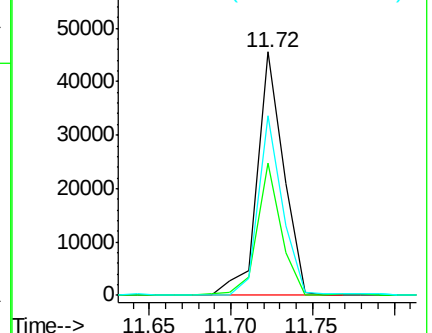
108 73.6 52.1 92.1



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: 22.42 ng

RT: 11.91 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Tgt Ion: 77 Resp: 246220

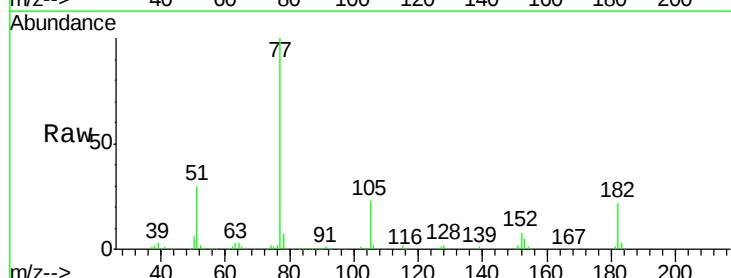
Ion Ratio Lower Upper

77 100

182 22.5 4.9 44.9

105 22.5 3.3 43.3

51 29.7 8.9 48.9

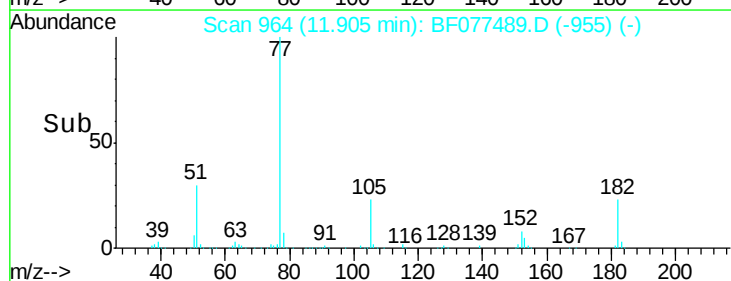
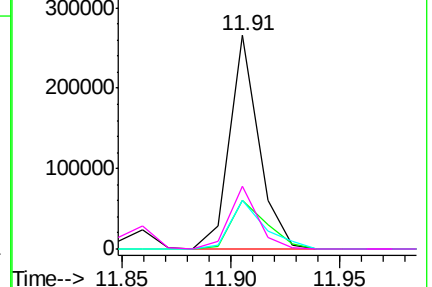


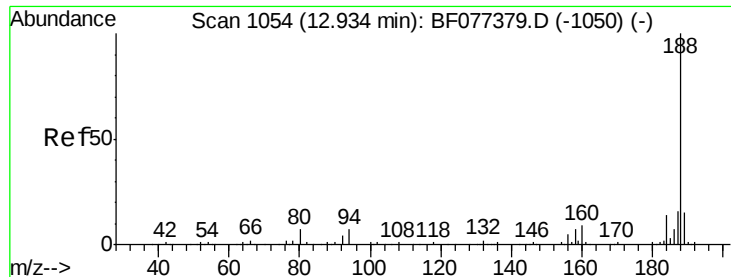
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

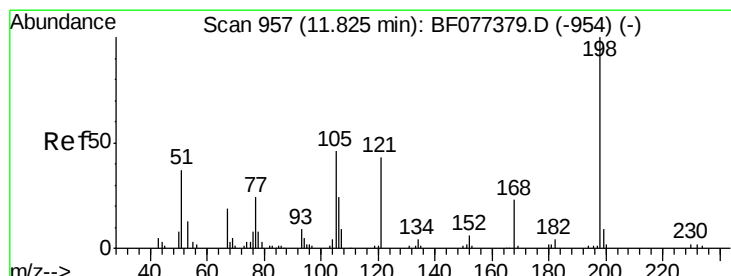
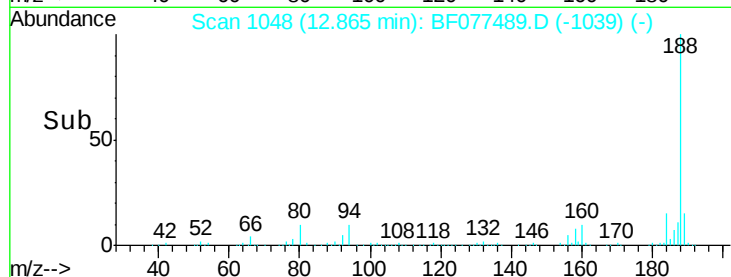
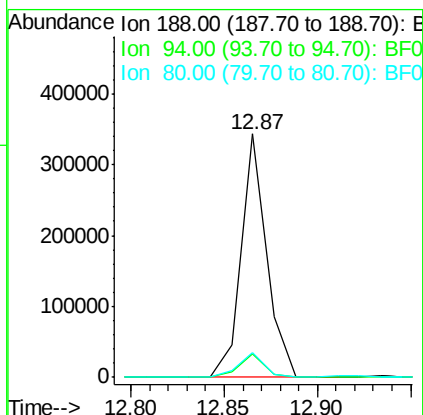
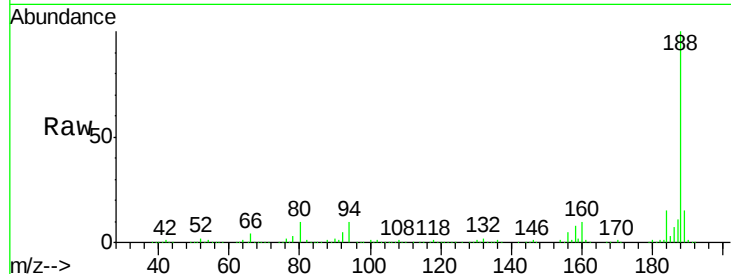




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.87 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

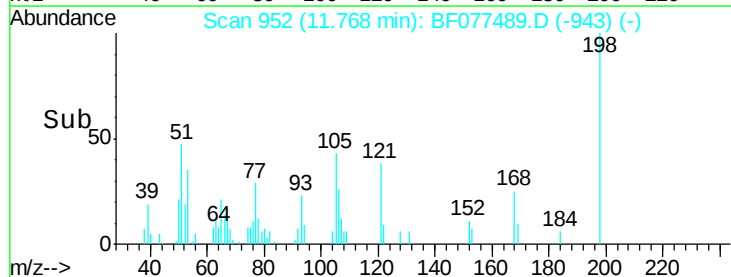
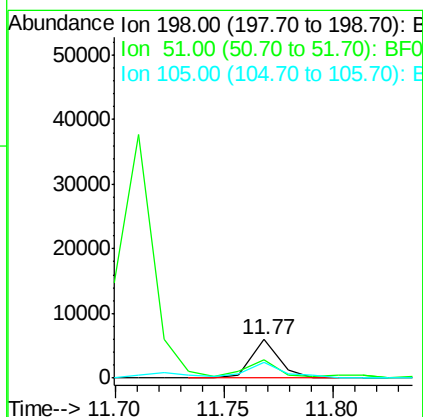
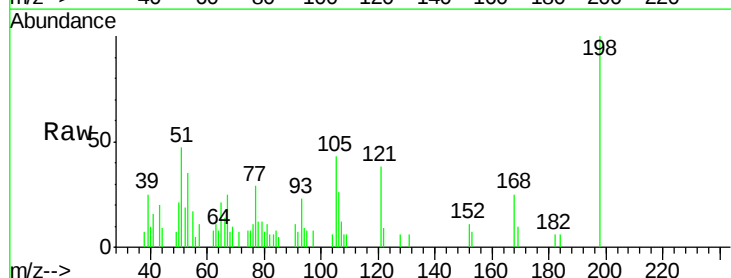
Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

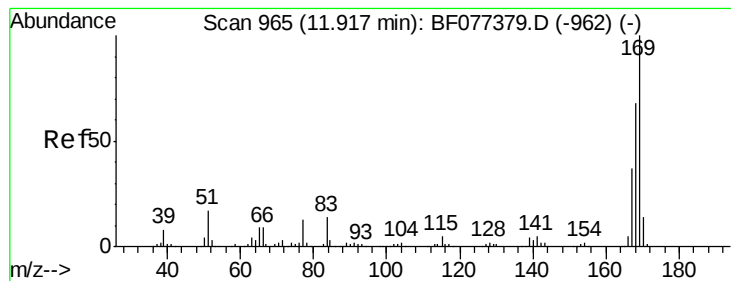
Tgt Ion:188 Resp: 326483
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.4 8.0 12.0



#64
4,6-Dinitro-2-methylphenol
Concen: 7.43 ng
RT: 11.77 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion:198 Resp: 5255
Ion Ratio Lower Upper
198 100
51 47.1 2.7 42.7#
105 42.8 10.0 50.0

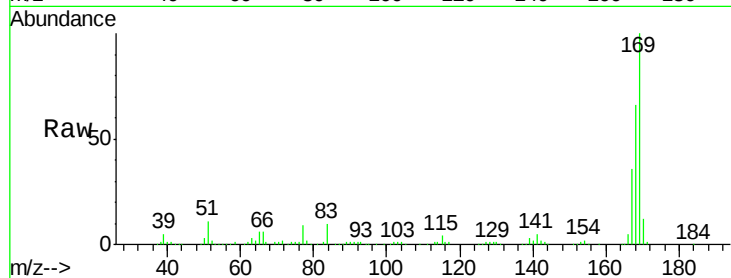




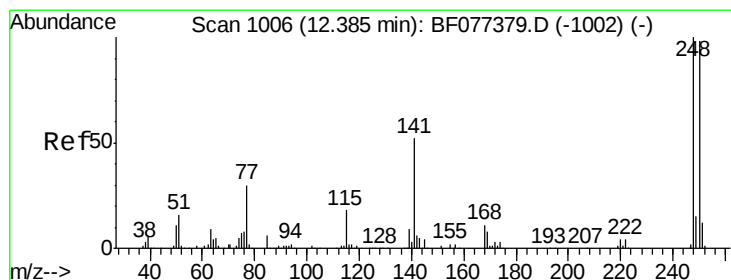
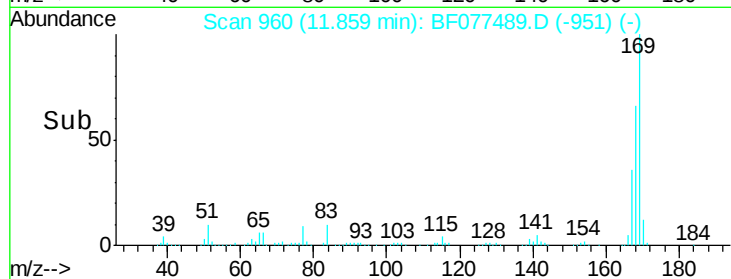
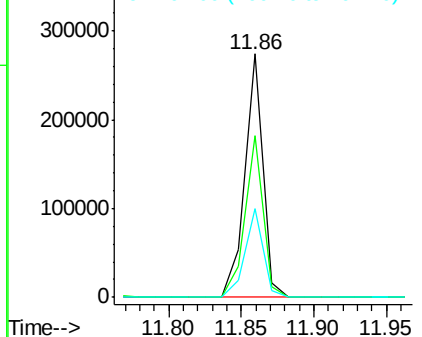
#65
 n-Nitrosodiphenylamine
 Concen: 22.02 ng
 RT: 11.86 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Tgt Ion:169 Resp: 238535
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.0 79.6
 167 36.5 29.5 44.3

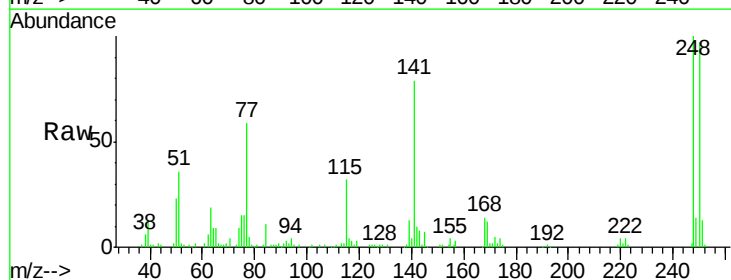


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

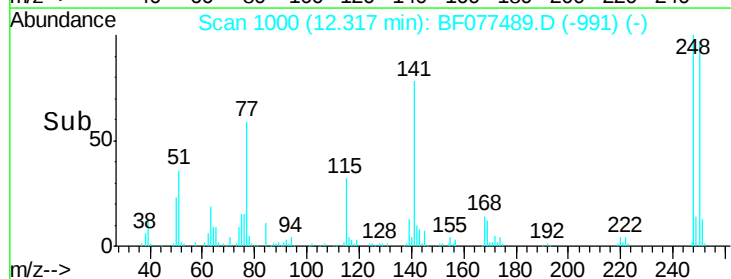
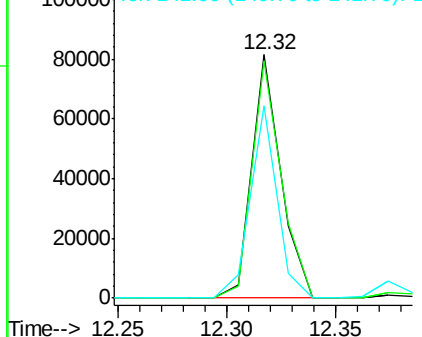


#66
 4-Bromophenyl-phenylether
 Concen: 19.78 ng
 RT: 12.32 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion:248 Resp: 75630
 Ion Ratio Lower Upper
 248 100
 250 97.3 78.0 117.0
 141 78.9 54.1 81.1



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

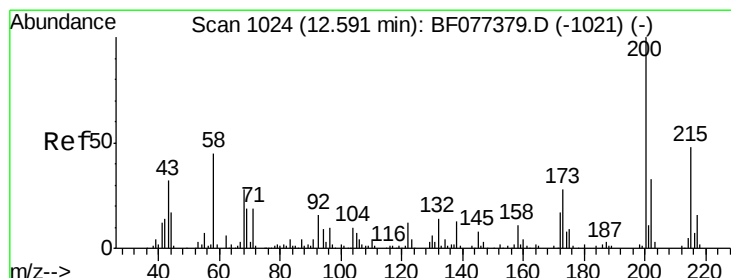
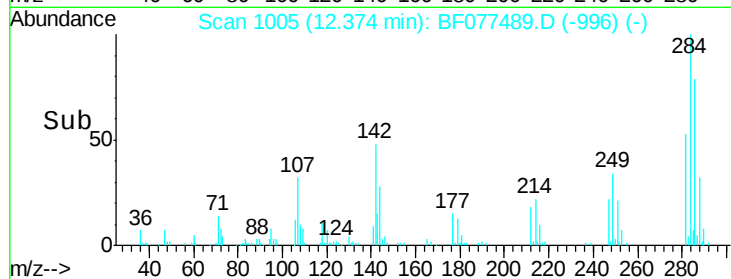
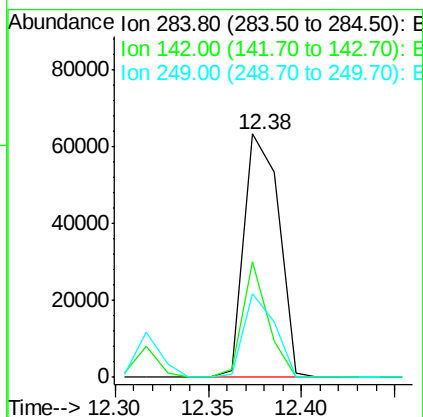
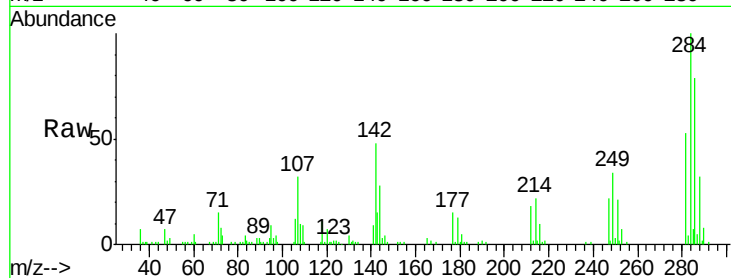




#67
Hexachlorobenzene
Concen: 19.99 ng
RT: 12.38 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

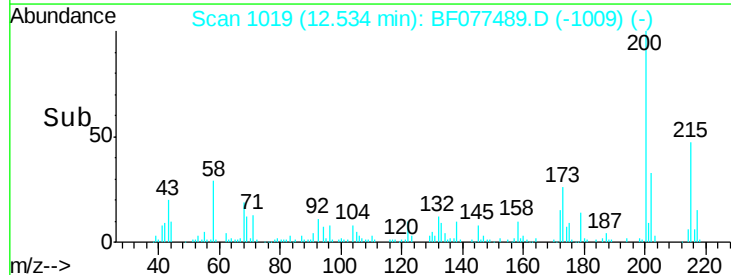
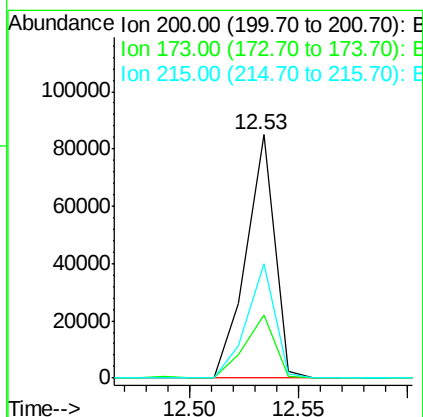
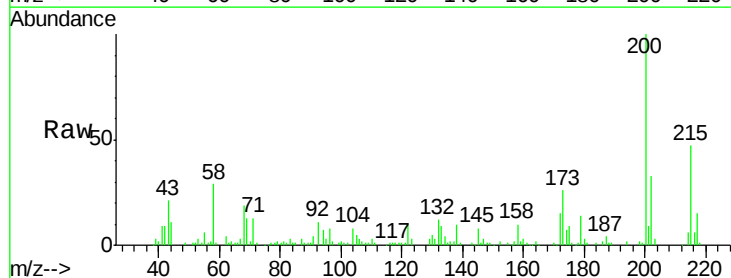
Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

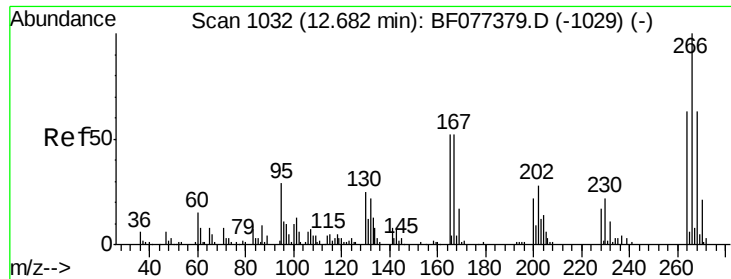
Tgt Ion: 284 Resp: 82018
Ion Ratio Lower Upper
284 100
142 47.7 31.6 47.4#
249 34.2 27.0 40.4



#68
Atrazine
Concen: 22.09 ng
RT: 12.53 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion: 200 Resp: 77800
Ion Ratio Lower Upper
200 100
173 26.1 9.6 49.6
215 47.2 24.4 64.4

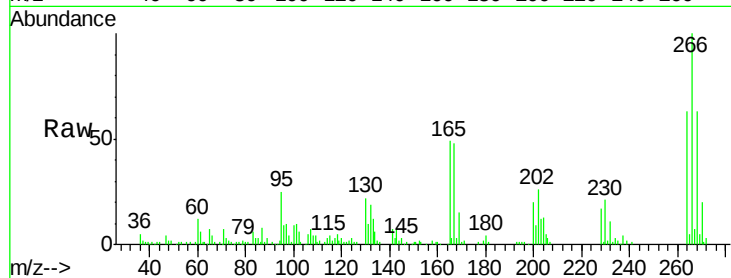




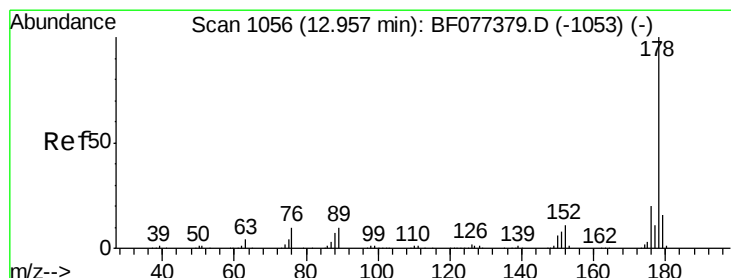
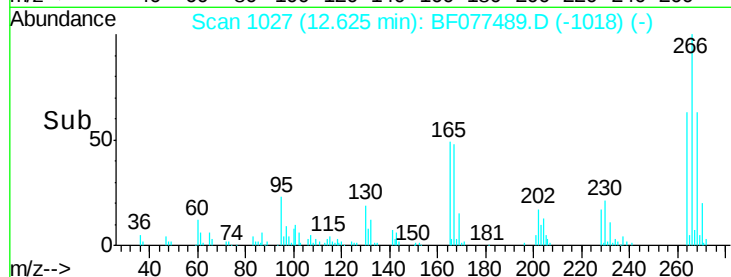
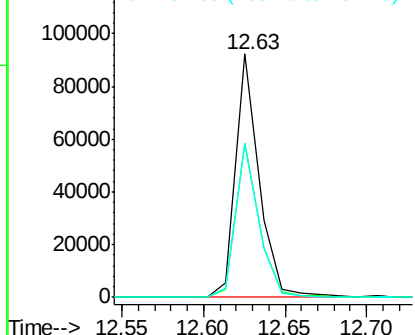
#69
 Pentachlorophenol
 Concen: 42.51 ng
 RT: 12.63 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Tgt Ion: 266 Resp: 91675
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.2 76.8
 264 63.1 50.7 76.1

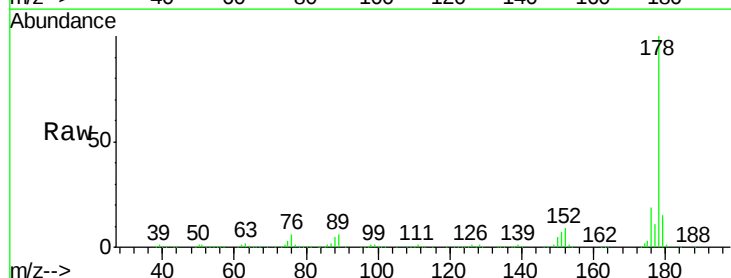


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

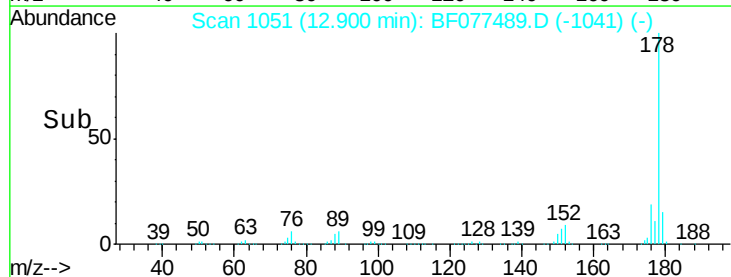
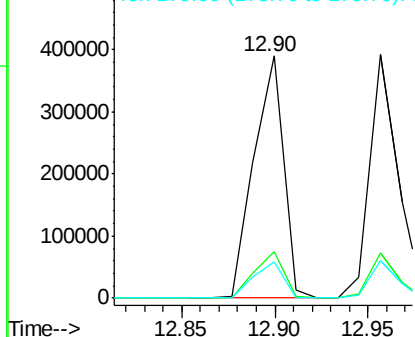


#70
 Phenanthrene
 Concen: 22.58 ng
 RT: 12.90 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion: 178 Resp: 427201
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 14.8 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

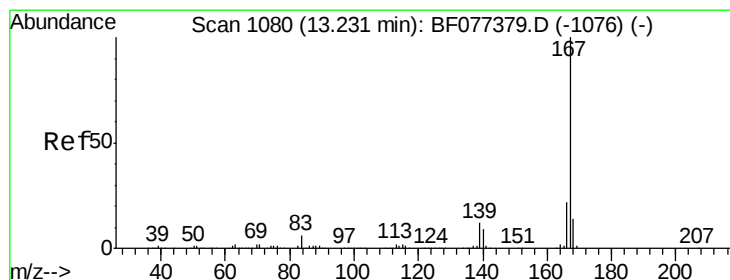
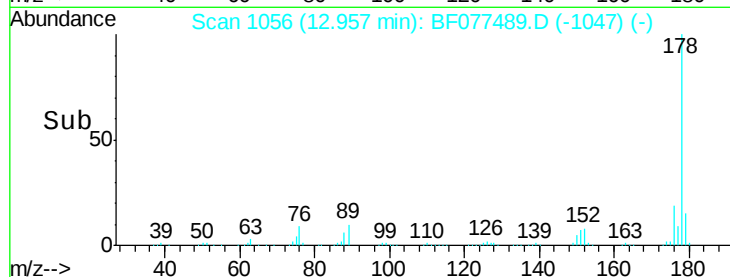
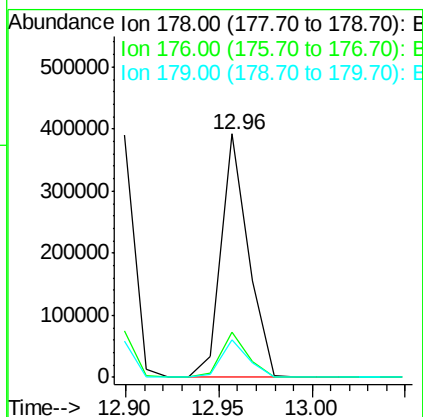
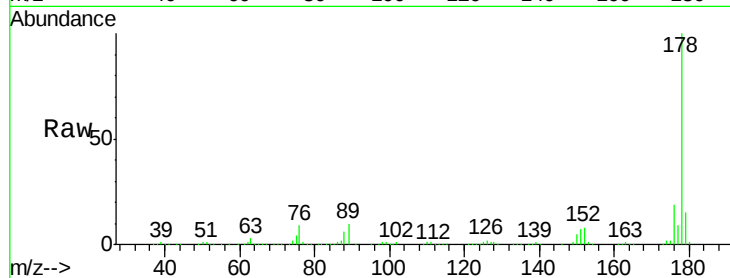




#71
 Anthracene
 Concen: 21.27 ng
 RT: 12.96 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

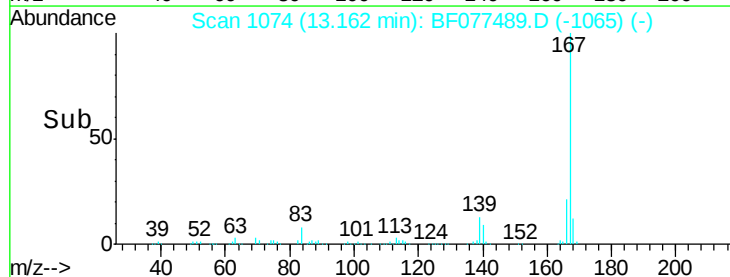
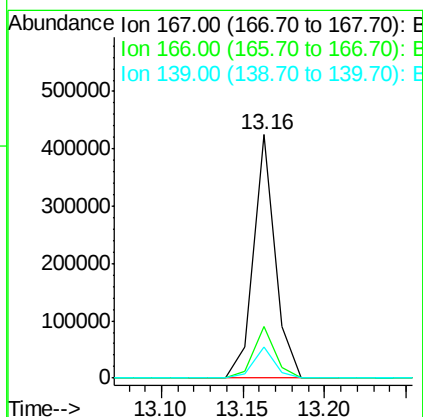
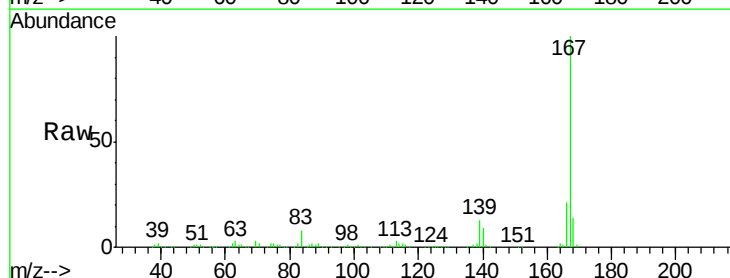
Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Tgt Ion:178 Resp: 399508
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.0
 179 15.3 12.9 19.3



#72
 Carbazole
 Concen: 21.96 ng
 RT: 13.16 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion:167 Resp: 392111
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.6 26.4
 139 12.5 9.9 14.9

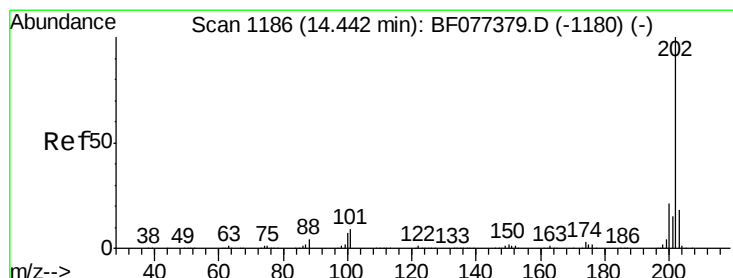
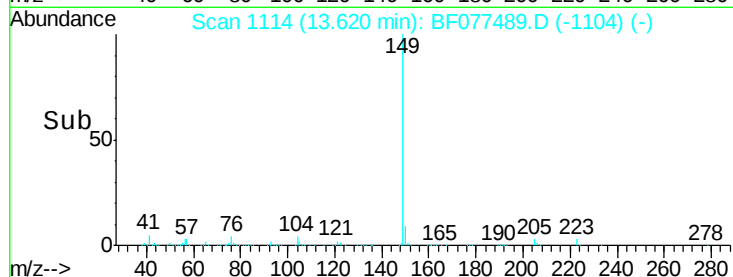
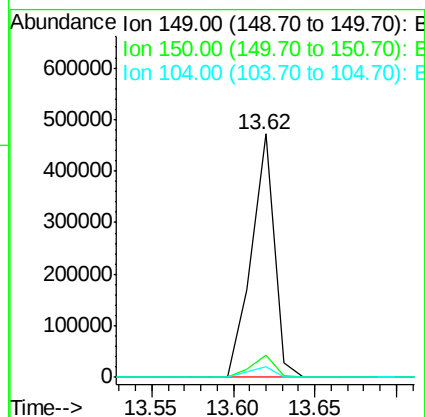
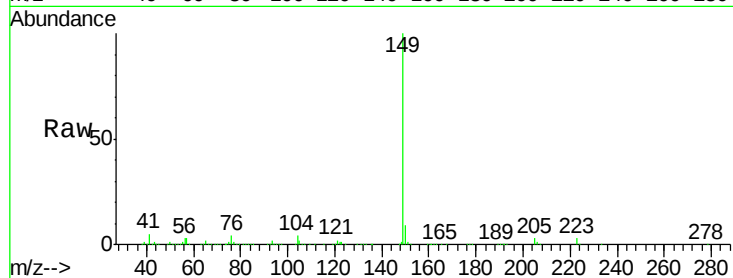




#73
Di-n-butylphthalate
Concen: 21.95 ng
RT: 13.62 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

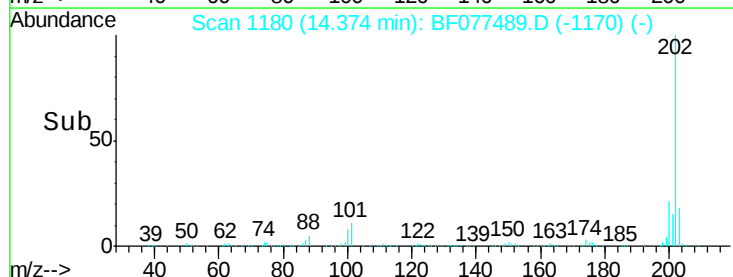
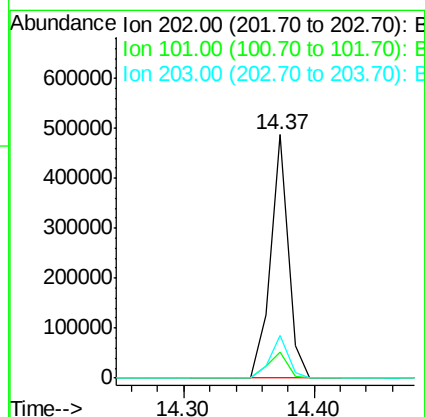
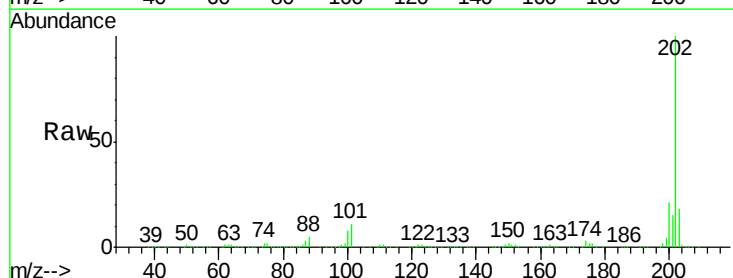
Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

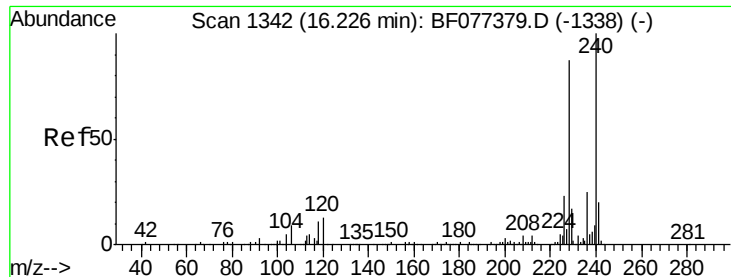
Tgt Ion:149 Resp: 460266
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.8
104 4.2 4.1 6.1



#74
Fluoranthene
Concen: 22.69 ng
RT: 14.37 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion:202 Resp: 469061
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.8
203 17.5 0.0 37.7

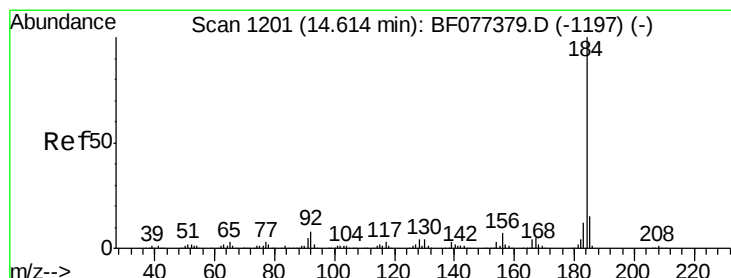
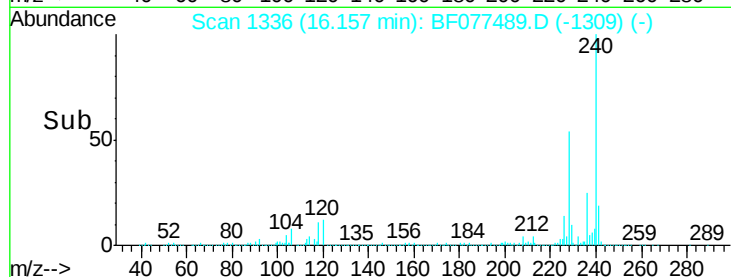
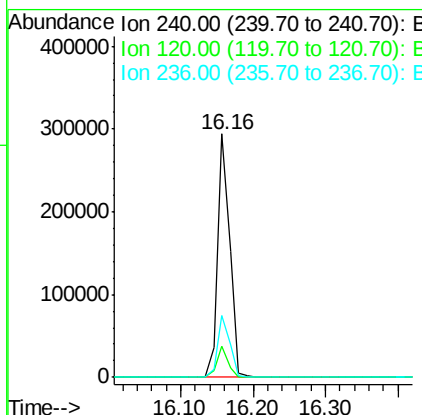
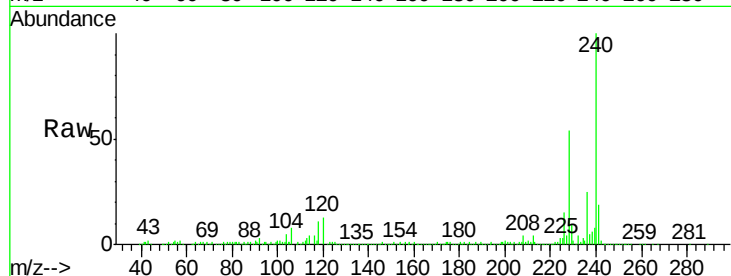




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.16 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

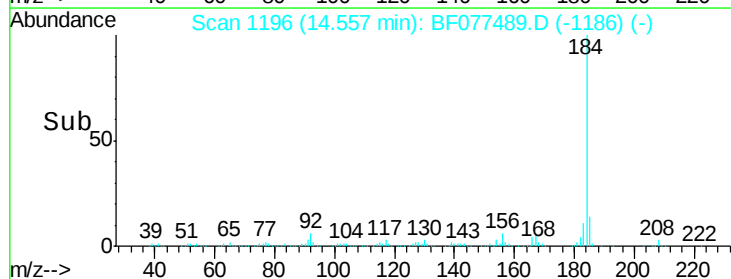
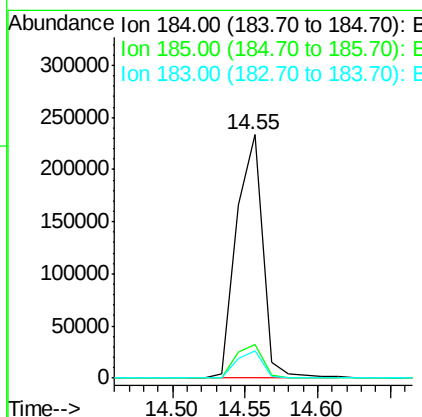
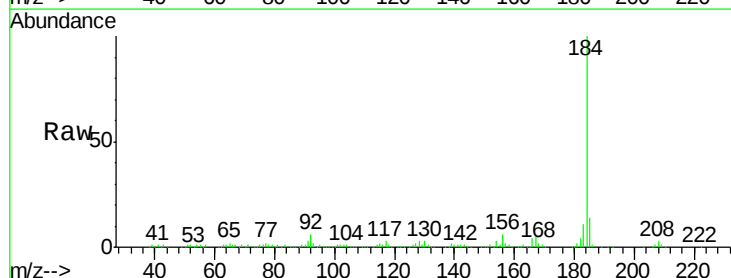
Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

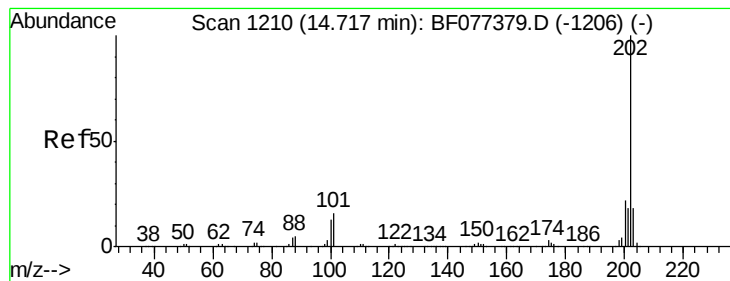
Tgt Ion:240 Resp: 339195
Ion Ratio Lower Upper
240 100
120 12.5 8.8 13.2
236 25.5 20.7 31.1



#76
Benzidine
Concen: 25.66 ng
RT: 14.55 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion:184 Resp: 294118
Ion Ratio Lower Upper
184 100
185 13.7 12.6 18.8
183 11.3 9.3 13.9





#77

Pyrene

Concen: 23.32 ng

RT: 14.65 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

ClientSampleId :

B-11-D910MSD

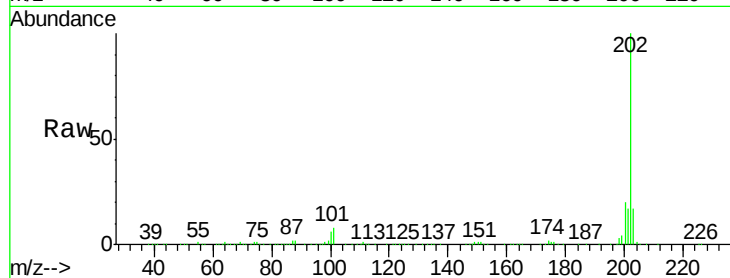
Tgt Ion: 202 Resp: 483794

Ion Ratio Lower Upper

202 100

200 20.4 17.1 25.7

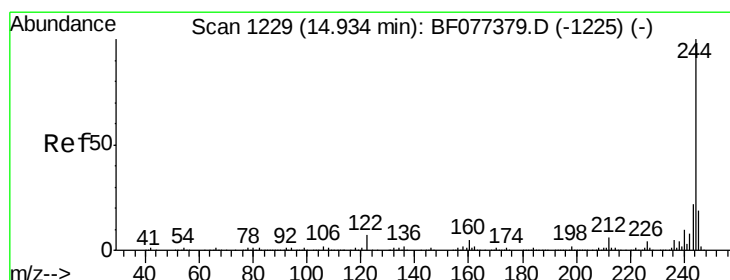
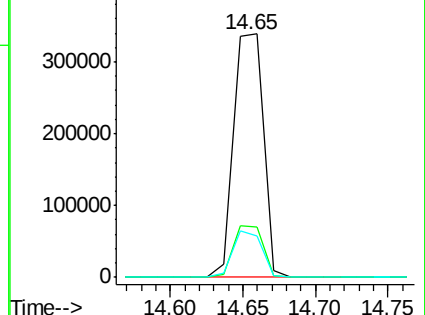
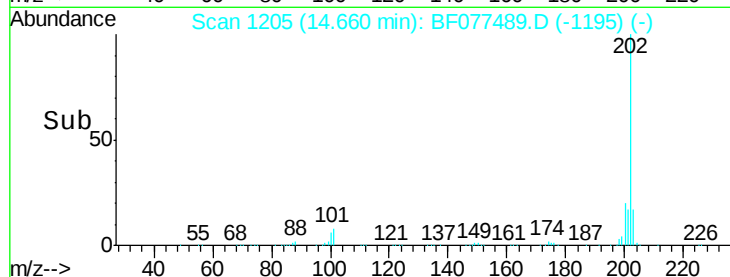
203 17.0 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 38.01 ng

RT: 14.86 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

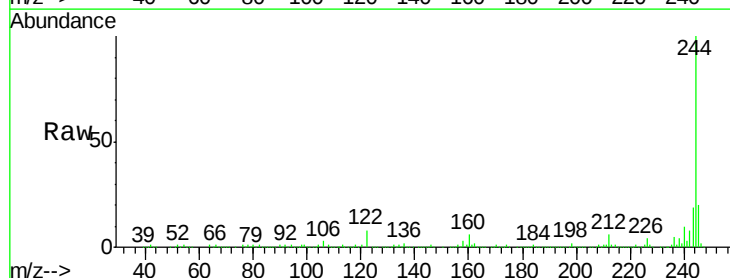
Tgt Ion: 244 Resp: 551439

Ion Ratio Lower Upper

244 100

212 6.3 5.2 7.8

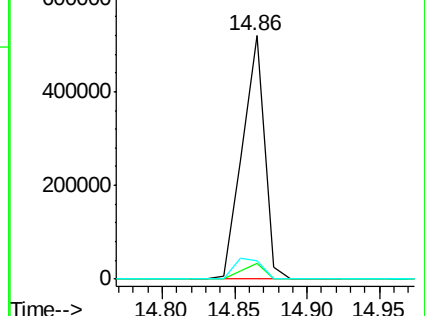
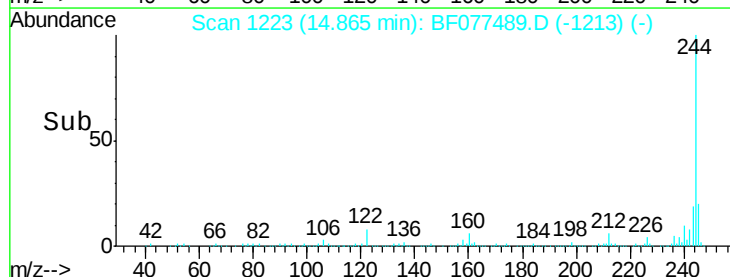
122 7.8 7.8 11.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

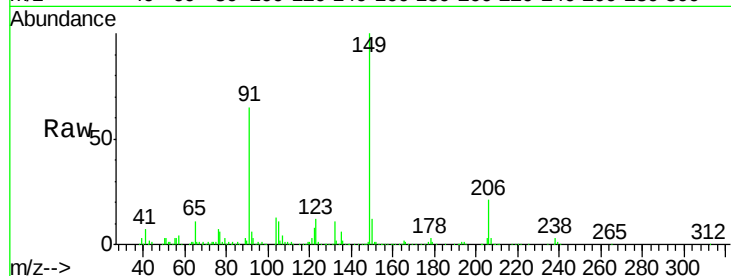




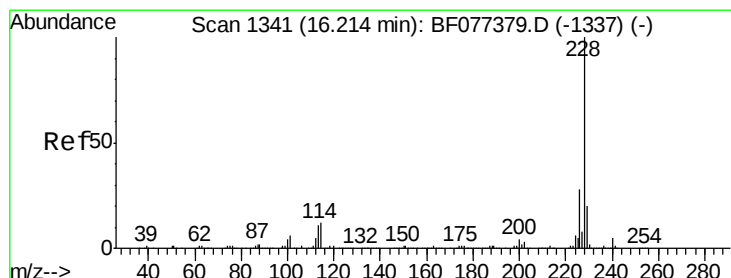
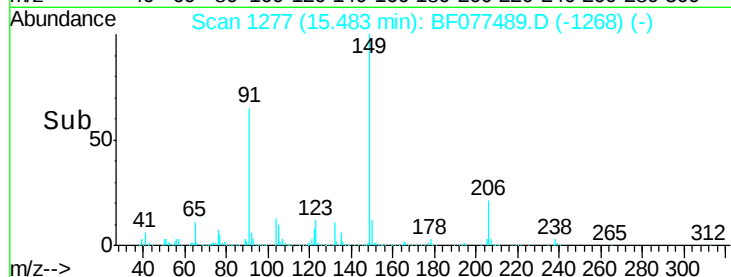
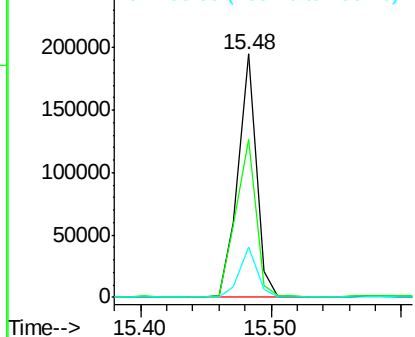
#79
Butylbenzylphthalate
Concen: 22.25 ng
RT: 15.48 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.0	51.2	76.8
206	20.8	17.8	26.8

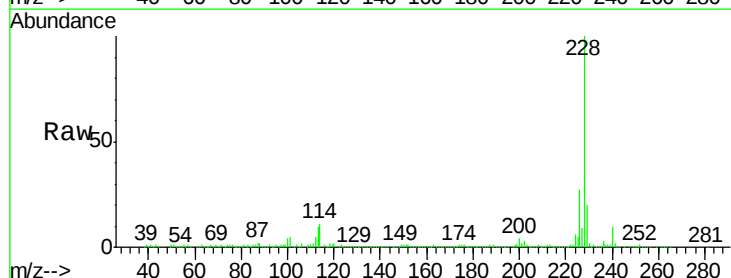


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

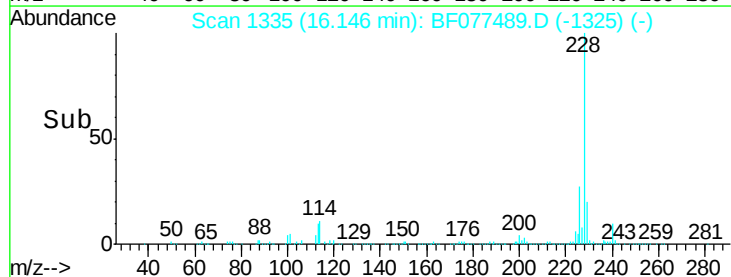
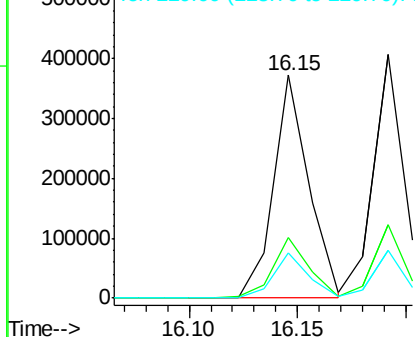


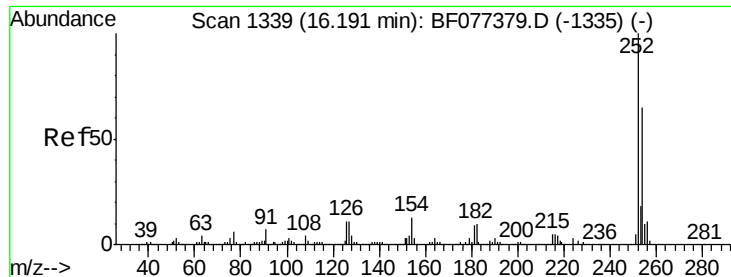
#80
Benzo(a)anthracene
Concen: 21.30 ng
RT: 16.15 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	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

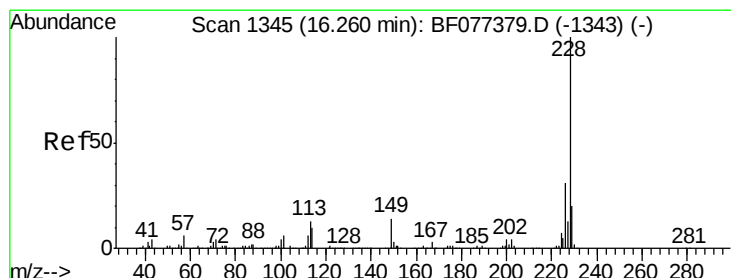
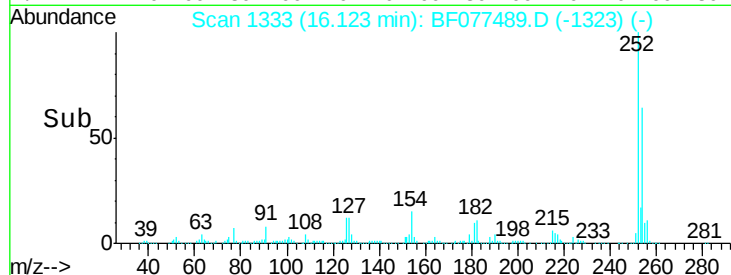
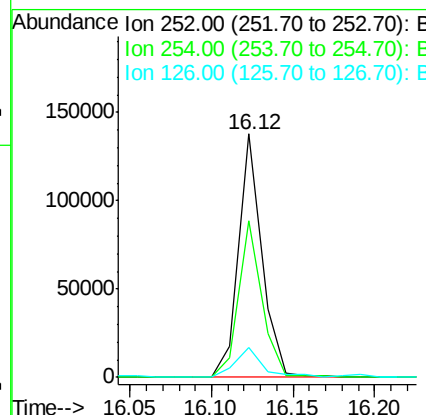
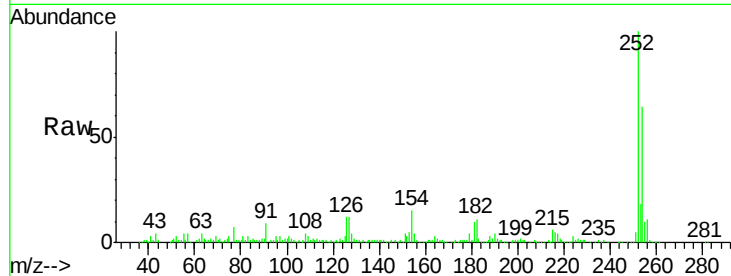




#81
 3,3'-Dichlorobenzidine
 Concen: 18.74 ng
 RT: 16.12 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

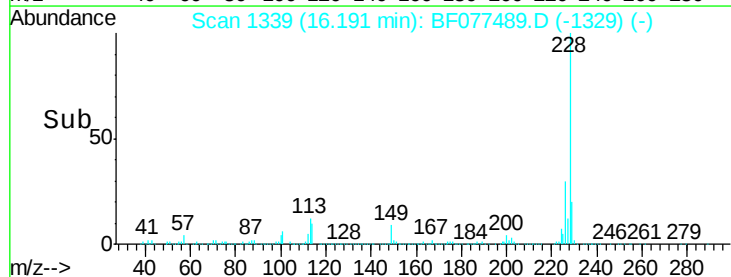
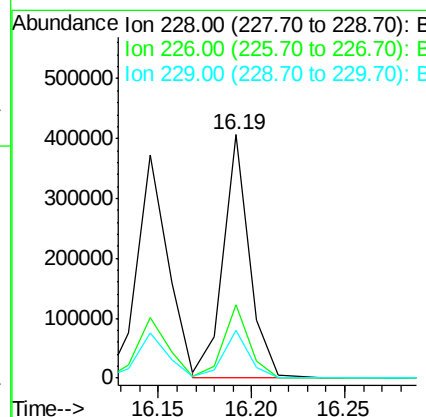
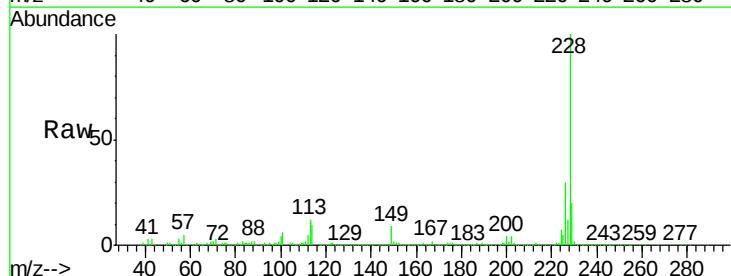
Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

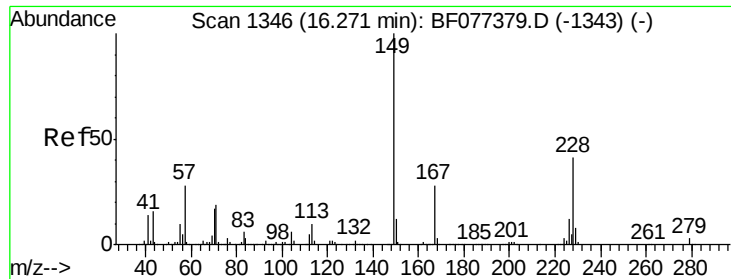
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.9	79.3
126	12.4	7.3	10.9



#82
 Chrysene
 Concen: 21.11 ng
 RT: 16.19 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.9	16.4	24.6

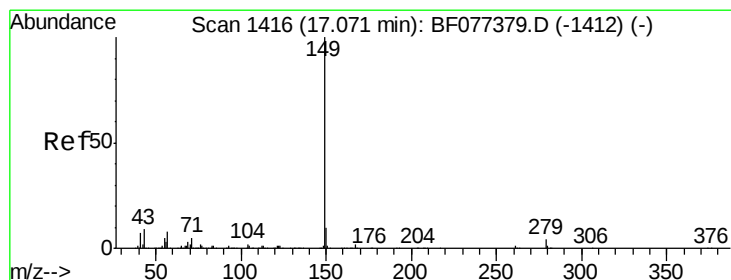
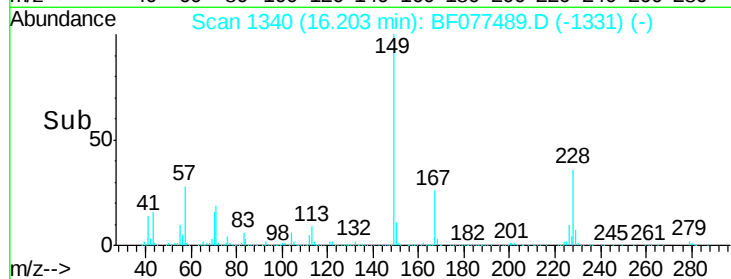
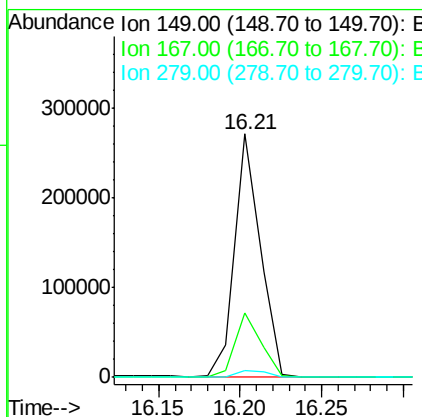
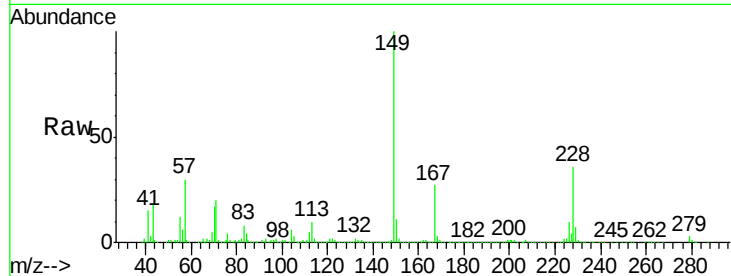




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.31 ng
 RT: 16.21 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

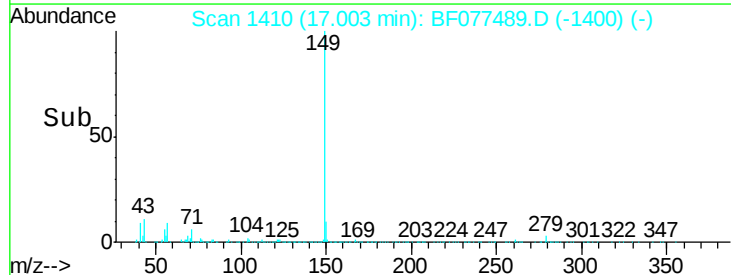
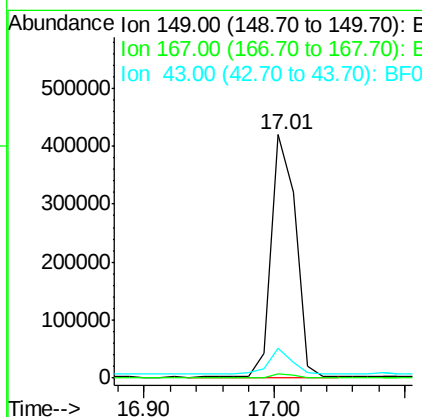
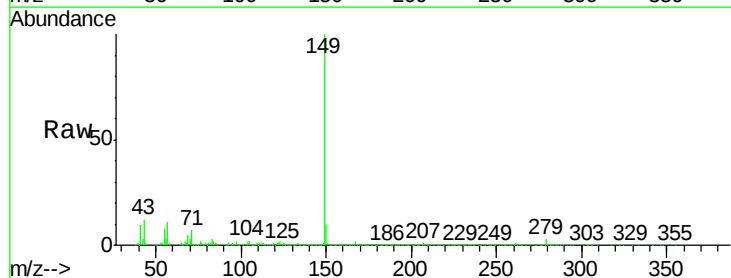
Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

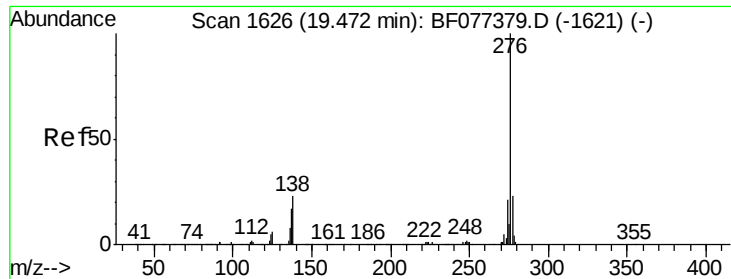
Tgt Ion:149 Resp: 291733
 Ion Ratio Lower Upper
 149 100
 167 26.5 22.8 34.2
 279 2.6 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 24.05 ng
 RT: 17.01 min Scan# 1410
 Delta R.T. 0.02 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion:149 Resp: 549741
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.1 8.1 12.1

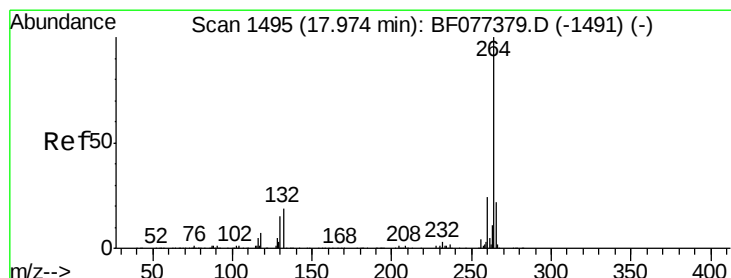
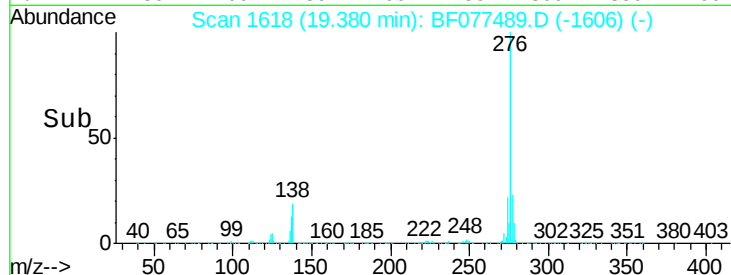
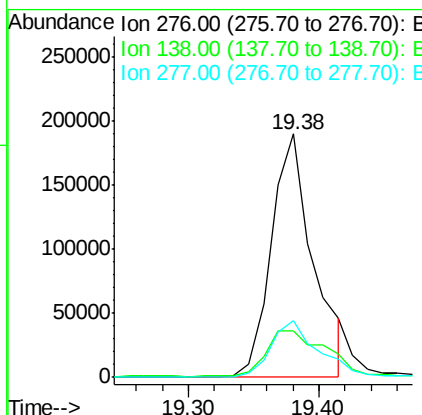
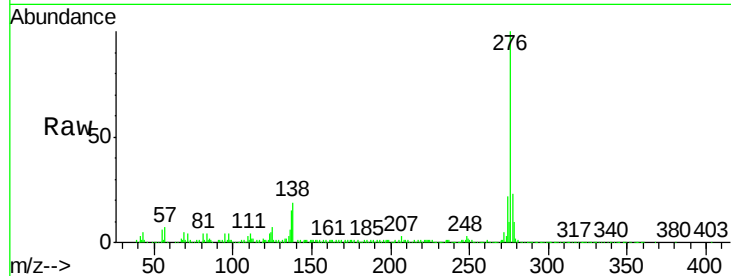




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 19.91 ng
 RT: 19.38 min Scan# 1618
 Delta R.T. 0.04 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

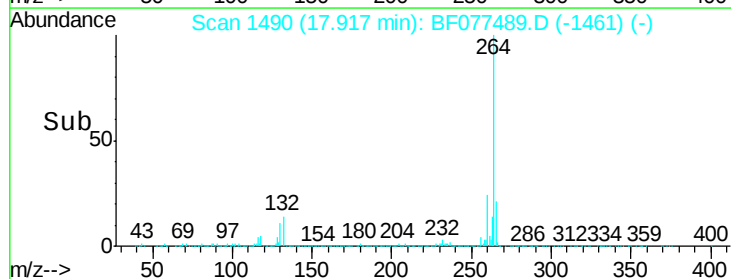
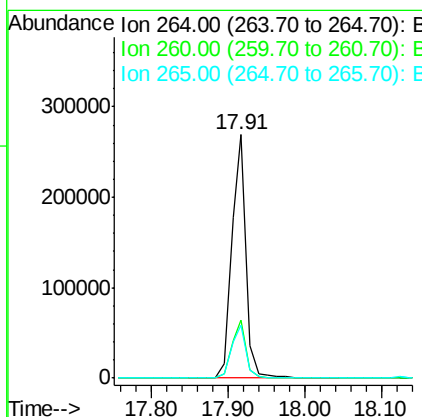
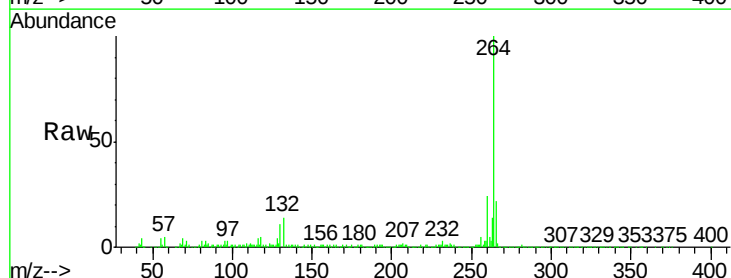
Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

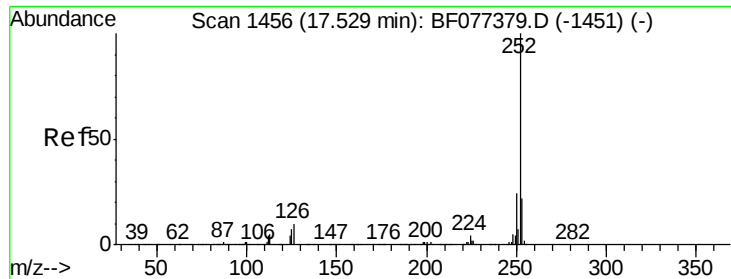
Tgt Ion:276 Resp: 423849
 Ion Ratio Lower Upper
 276 100
 138 25.3 21.2 31.8
 277 24.7 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.91 min Scan# 1490
 Delta R.T. 0.03 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion:264 Resp: 349380
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 21.5 16.8 25.2

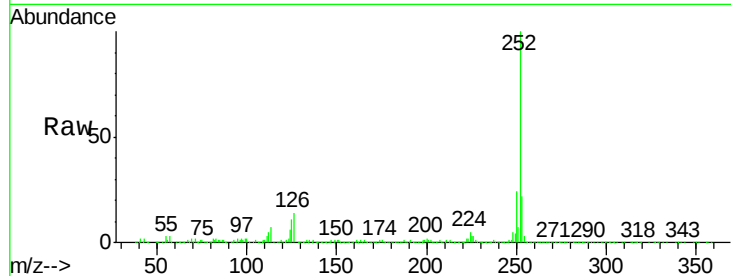




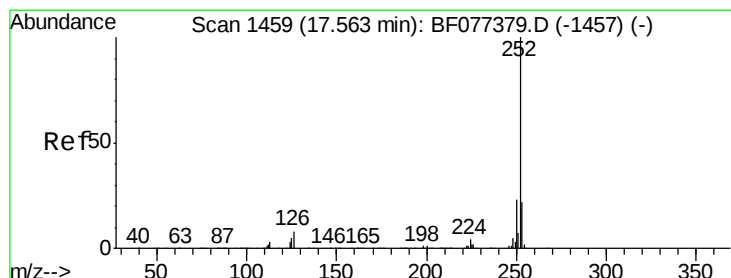
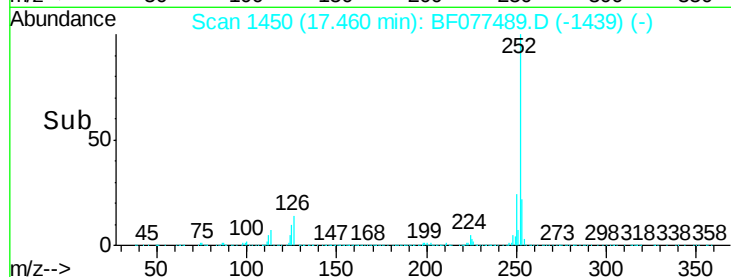
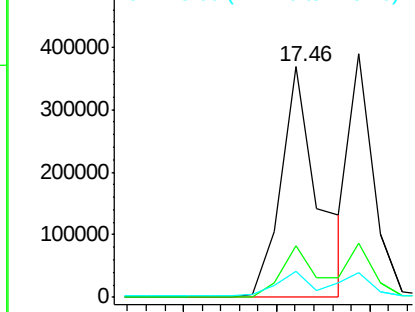
#87
Benzo(b)fluoranthene
Concen: 25.20 ng
RT: 17.46 min Scan# 1450
Delta R.T. 0.03 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion: 252 Resp: 511965
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 11.1 5.4 8.2#

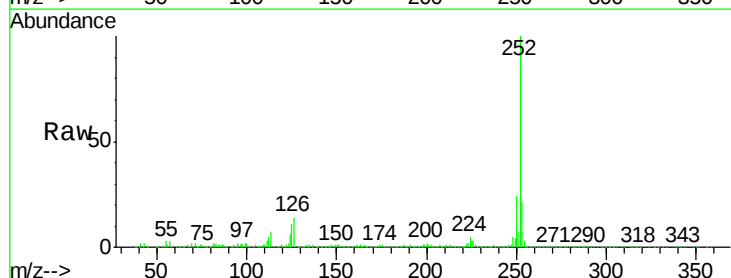


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

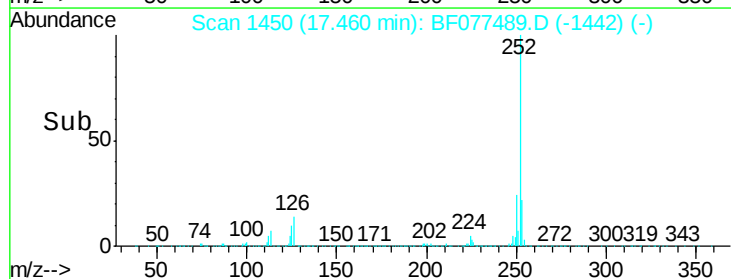
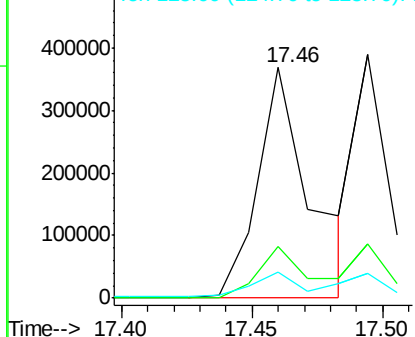


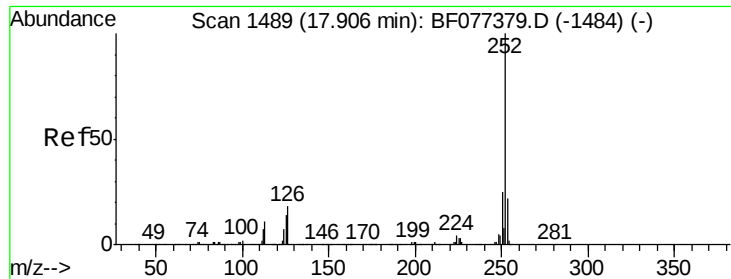
#88
Benzo(k)fluoranthene
Concen: 25.69 ng
RT: 17.46 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion: 252 Resp: 511437
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 11.1 10.1 15.1



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





#89

Benzo(a)pyrene

Concen: 21.08 ng

RT: 17.85 min Scan# 1484

Delta R.T. 0.02 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

ClientSampleId :

B-11-D910MSD

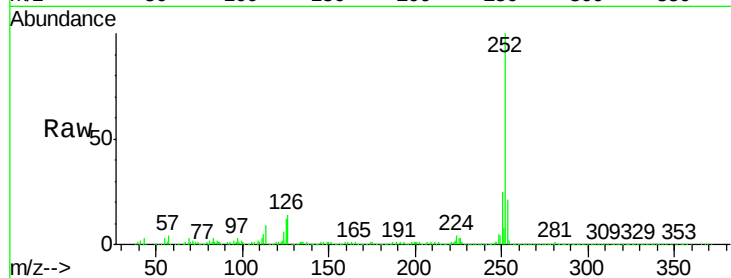
Tgt Ion:252 Resp: 407956

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.2

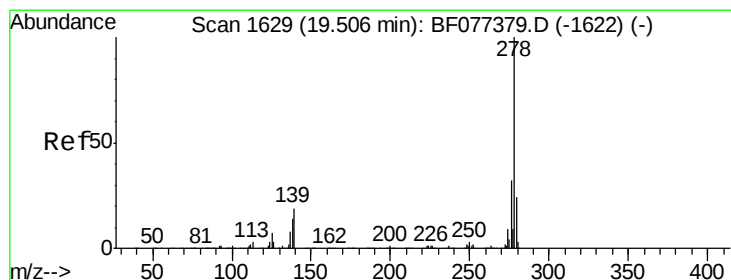
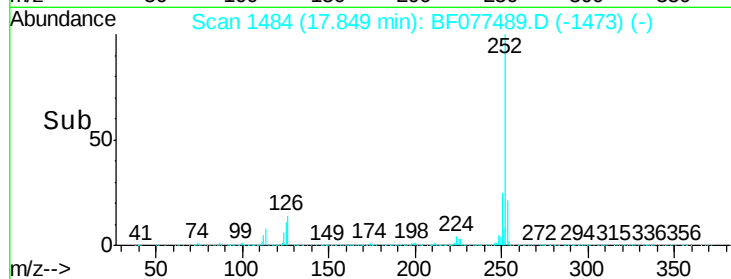
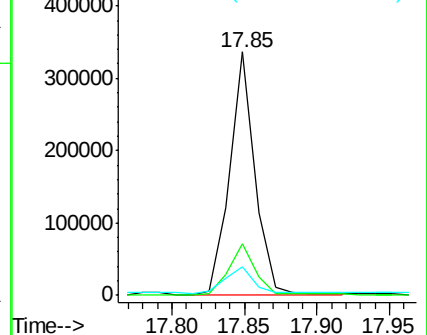
125 11.7 8.3 12.5



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: 19.75 ng

RT: 19.41 min Scan# 1620

Delta R.T. 0.03 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

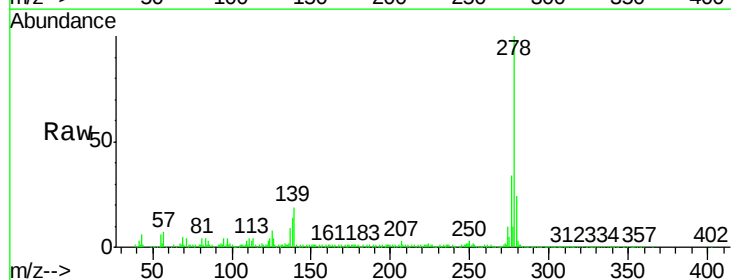
Tgt Ion:278 Resp: 364522

Ion Ratio Lower Upper

278 100

139 18.7 14.3 21.5

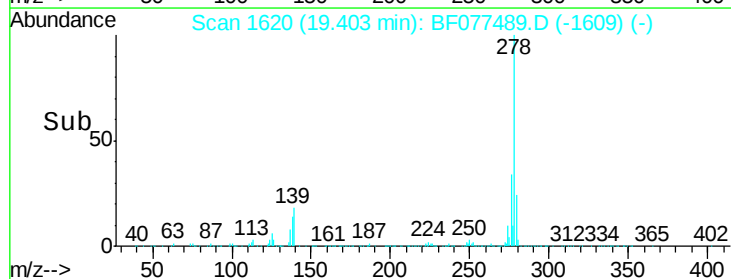
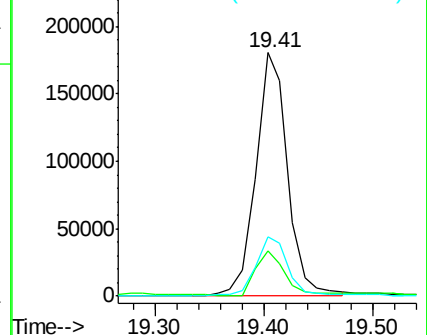
279 24.3 19.0 28.6

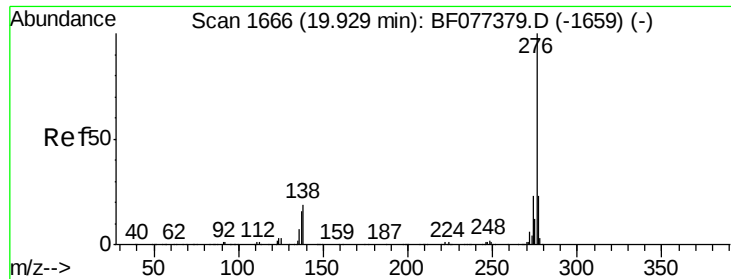


Abundance Ion 278.00 (277.70 to 278.70): E

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: 19.16 ng

RT: 19.81 min Scan# 1656

Delta R.T. 0.03 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

ClientSampleId :

B-11-D910MSD

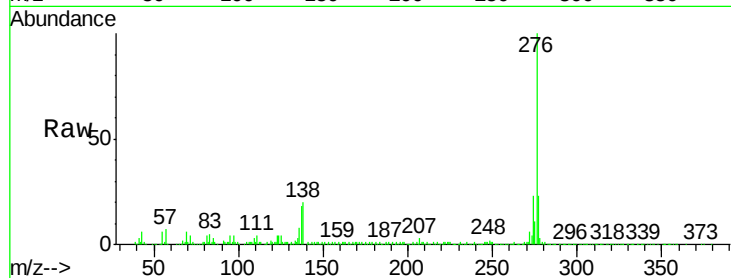
Tgt Ion: 276 Resp: 356781

Ion Ratio Lower Upper

276 100

277 23.0 18.9 28.3

138 20.0 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

