

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077475.D
 Acq On : 26 Feb 2015 20:00
 Operator : TP/IZ
 Sample : G1384-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515MSD

Quant Time: Feb 27 03:16:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 17:14:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	53226	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	212798	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	106822	20.00	ng	-0.01
63) Phenanthrene-d10	12.87	188	212252	20.00	ng	0.00
75) Chrysene-d12	16.15	240	242673	20.00	ng	-0.03
86) Perylene-d12	17.85	264	230343	20.00	ng	-0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	464255	145.61	ng	0.00
7) Phenol-d6	6.83	99	600433	146.47	ng	0.00
23) Nitrobenzene-d5	7.96	82	345480	100.96	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	154982	150.68	ng	-0.01
44) 2-Fluorobiphenyl	10.19	172	698439	101.95	ng	0.00
78) Terphenyl-d14	14.85	244	831436	80.10	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	48824	36.09	ng	96
3) Pyridine	2.93	79	126394	32.66	ng	95
4) n-Nitrosodimethylamine	2.85	42	70984	42.18	ng	99
6) Aniline	6.85	93	145178	25.62	ng	93
8) 2-Chlorophenol	7.00	128	166816	44.35	ng	88
10) Phenol	6.84	94	231012	47.50	ng	94
11) bis(2-Chloroethyl)ether	6.96	93	156518	44.78	ng	91
12) 1,3-Dichlorobenzene	7.20	146	175855	42.94	ng	# 89
13) 1,4-Dichlorobenzene	7.29	146	178103	42.75	ng	98
14) 1,2-Dichlorobenzene	7.47	146	172975	43.64	ng	98
15) Benzyl Alcohol	7.45	79	138703	44.51	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.63	45	221525	44.34	ng	99
17) 2-Methylphenol	7.60	107	130166	44.28	ng	98
18) Hexachloroethane	7.89	117	60418	43.42	ng	98
19) n-Nitroso-di-n-propylamine	7.78	70	112579	43.25	ng	98
20) 3+4-Methylphenols	7.78	107	170698	44.09	ng	# 81
22) Acetophenone	7.78	105	226866	45.32	ng	# 90
24) Nitrobenzene	7.98	77	169423	47.06	ng	95
25) Isophorone	8.28	82	311699	45.91	ng	98
26) 2-Nitrophenol	8.37	139	79733	54.03	ng	98
27) 2,4-Dimethylphenol	8.43	122	141653	42.91	ng	94
28) bis(2-Chloroethoxy)methane	8.56	93	184605	43.04	ng	98
29) 2,4-Dichlorophenol	8.67	162	142966	46.13	ng	94
30) 1,2,4-Trichlorobenzene	8.77	180	148329	43.53	ng	98
31) Naphthalene	8.86	128	475173	44.65	ng	99
32) Benzoic acid	8.52	122	69439	43.28	ng	99
33) 4-Chloroaniline	8.94	127	121970	25.78	ng	98
34) Hexachlorobutadiene	9.02	225	89642	46.08	ng	100
35) Caprolactam	9.36	113	43362	45.83	ng	# 85
36) 4-Chloro-3-methylphenol	9.55	107	140928	45.23	ng	89
37) 2-Methylnaphthalene	9.73	142	333807	44.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.94	216	151455	49.41	ng	98
40) Hexachlorocyclopentadiene	9.93	237	167172	101.72	ng	100
42) 2,4,6-Trichlorophenol	10.08	196	100667	49.59	ng	100

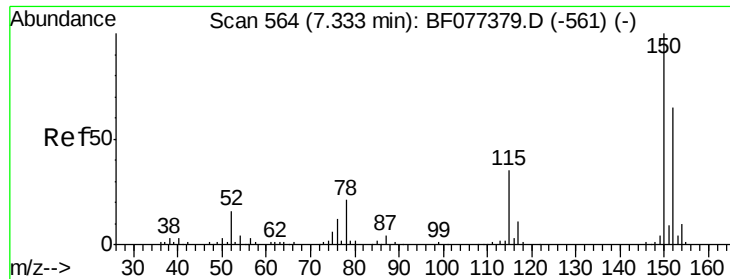
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.12	196	111155	51.21	ng	# 92
45) 1,1'-Biphenyl	10.32	154	393129	48.58	ng	99
46) 2-Chloronaphthalene	10.33	162	314953	49.62	ng	100
47) 2-Nitroaniline	10.45	65	83856	53.67	ng	95
48) Acenaphthylene	10.84	152	515082	51.26	ng	100
49) Dimethylphthalate	10.69	163	408641	54.42	ng	100
50) 2,6-Dinitrotoluene	10.77	165	81892	54.38	ng	96
51) Acenaphthene	11.06	154	302542	50.46	ng	99
52) 3-Nitroaniline	10.97	138	65107	37.50	ng	97
53) 2,4-Dinitrophenol	11.11	184	60905	132.92	ng	95
54) Dibenzofuran	11.28	168	457241	49.39	ng	97
55) 4-Nitrophenol	11.19	139	155350	111.25	ng	91
56) 2,4-Dinitrotoluene	11.27	165	112056	55.07	ng	92
57) Fluorene	11.70	166	374056	50.54	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.43	232	91191	52.26	ng	97
59) Diethylphthalate	11.57	149	360485	48.70	ng	99
60) 4-Chlorophenyl-phenylether	11.71	204	174765	49.01	ng	99
61) 4-Nitroaniline	11.72	138	82725	49.71	ng	97
62) Azobenzene	11.91	77	374327	53.30	ng	97
64) 4,6-Dinitro-2-methylphenol	11.77	198	39147	46.36	ng	98
65) n-Nitrosodiphenylamine	11.86	169	314208	44.62	ng	99
66) 4-Bromophenyl-phenylether	12.32	248	105237	42.34	ng	97
67) Hexachlorobenzene	12.37	284	113882	42.69	ng	# 90
68) Atrazine	12.52	200	102368	44.71	ng	98
69) Pentachlorophenol	12.63	266	130377	92.99	ng	98
70) Phenanthrene	12.89	178	553625	45.00	ng	99
71) Anthracene	12.96	178	556863	45.61	ng	98
72) Carbazole	13.16	167	534693	46.06	ng	99
73) Di-n-butylphthalate	13.61	149	607554	44.57	ng	99
74) Fluoranthene	14.36	202	599000	44.57	ng	97
76) Benzidine	14.55	184	312029	38.06	ng	97
77) Pyrene	14.65	202	632960	42.64	ng	99
79) Butylbenzylphthalate	15.47	149	276696	45.31	ng	# 85
80) Benzo(a)anthracene	16.13	228	609999	42.89	ng	99
81) 3,3'-Dichlorobenzidine	16.11	252	150763	28.93	ng	# 96
82) Chrysene	16.18	228	582647	43.63	ng	99
83) Bis(2-ethylhexyl)phthalate	16.19	149	410871	41.95	ng	# 95
84) Di-n-octyl phthalate	16.98	149	718645	43.95	ng	97
87) Benzo(b)fluoranthene	17.41	252	593426	44.30	ng	# 97
88) Benzo(k)fluoranthene	17.41	252	739664	56.35	ng	97
89) Benzo(a)pyrene	17.79	252	588553	46.14	ng	98
90) Dibenzo(a,h)anthracene	19.33	278	568365	46.72	ng	100
91) Benzo(g,h,i)perylene	19.73	276	567877	46.25	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.26 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

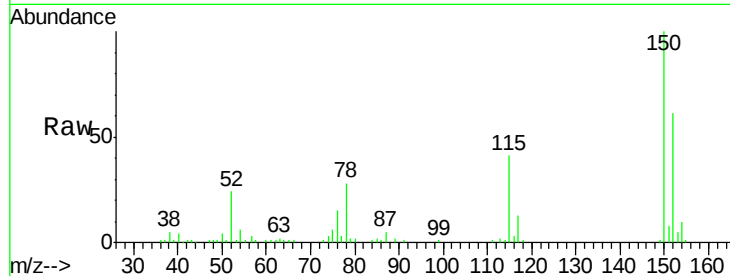
Tgt Ion:152 Resp: 53226

Ion Ratio Lower Upper

152 100

150 162.7 124.0 186.0

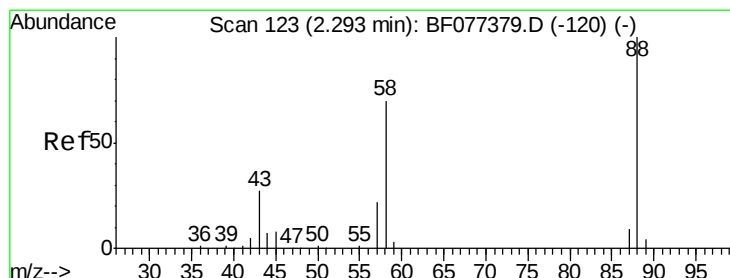
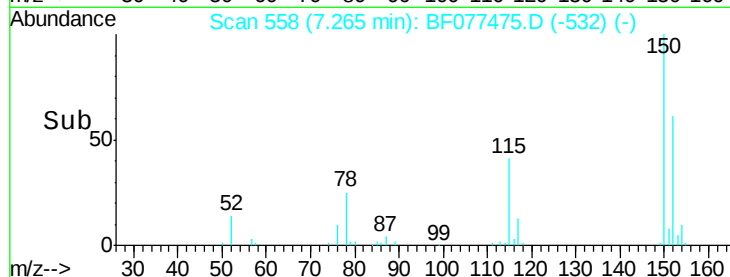
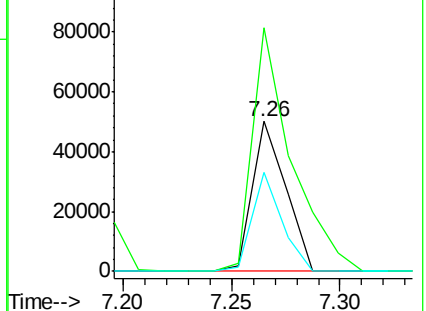
115 66.1 49.4 74.2



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: 36.09 ng

RT: 2.21 min Scan# 116

Delta R.T. 0.02 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

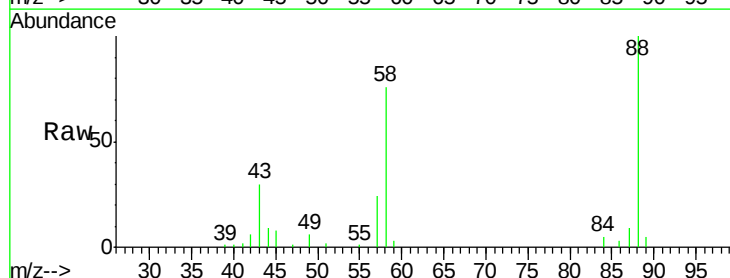
Tgt Ion: 88 Resp: 48824

Ion Ratio Lower Upper

88 100

58 82.1 62.1 93.1

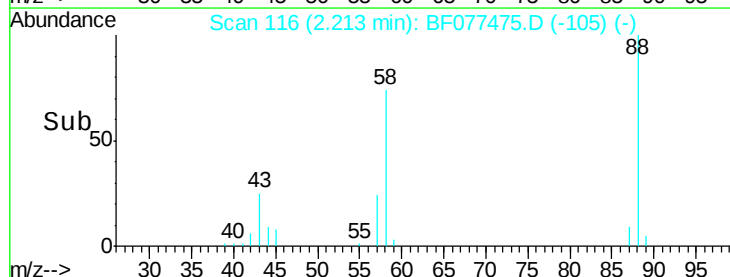
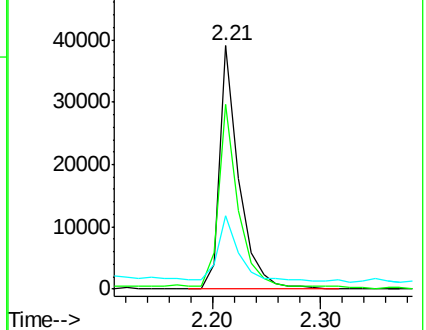
43 30.1 24.0 36.0

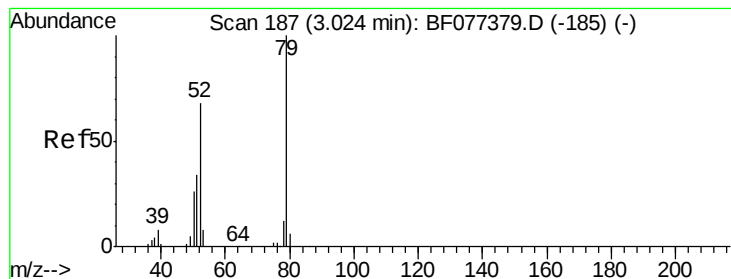


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.66 ng

RT: 2.93 min Scan# 179

Delta R.T. 0.01 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

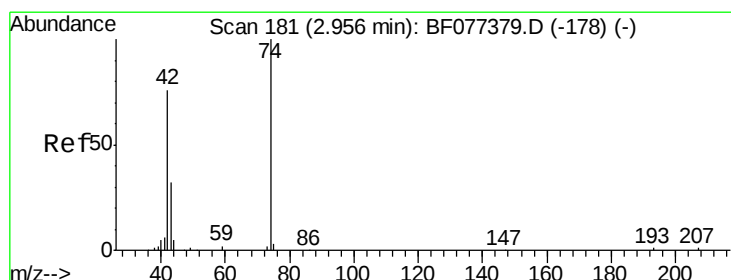
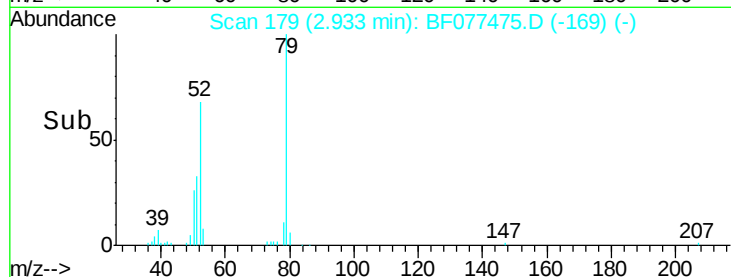
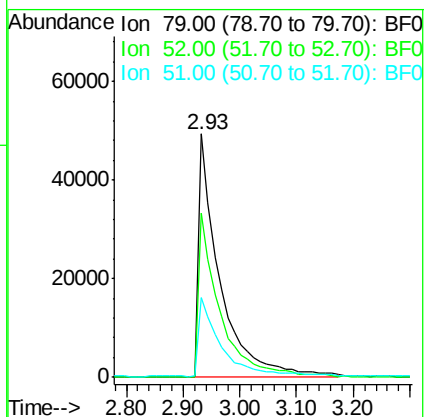
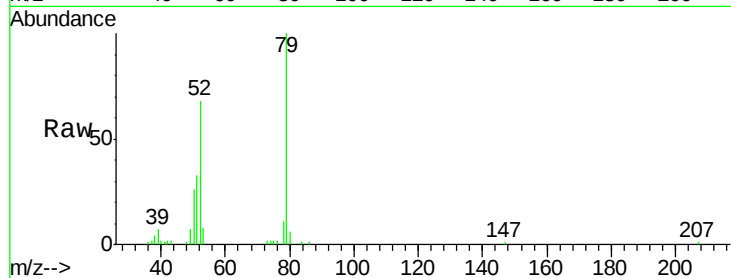
Tgt Ion: 79 Resp: 126394

Ion Ratio Lower Upper

79 100

52 67.6 57.7 86.5

51 33.0 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 42.18 ng

RT: 2.85 min Scan# 172

Delta R.T. 0.01 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

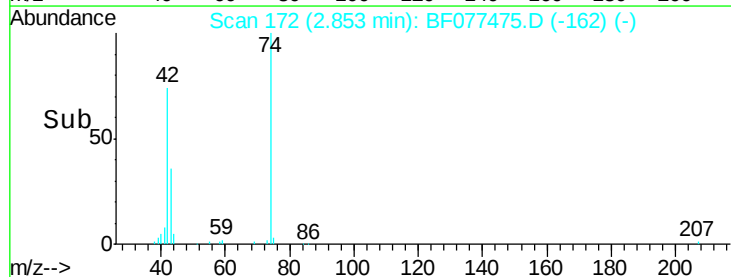
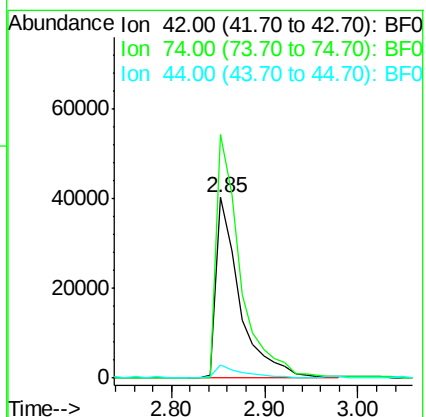
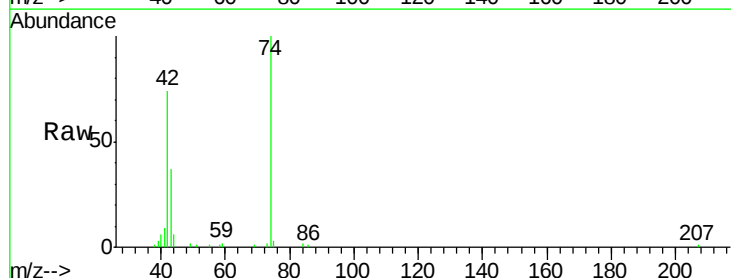
Tgt Ion: 42 Resp: 70984

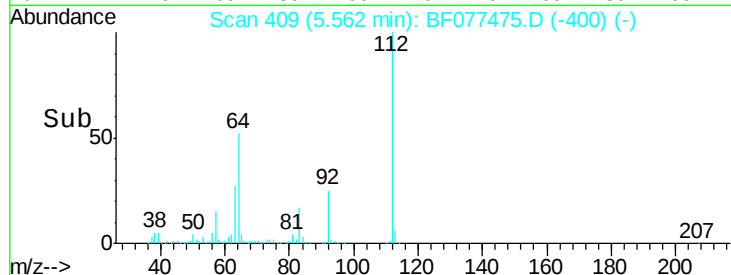
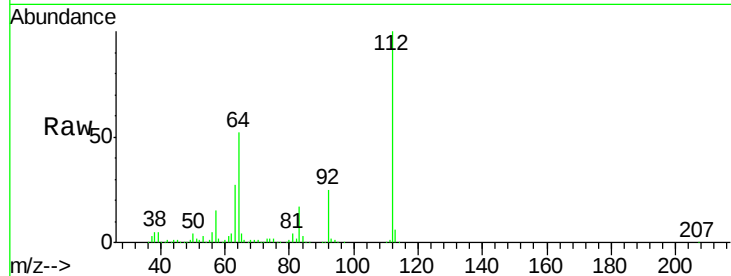
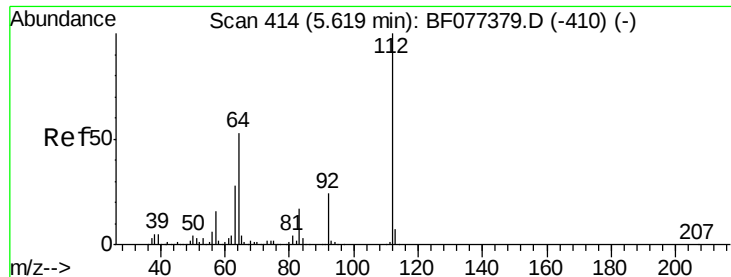
Ion Ratio Lower Upper

42 100

74 134.7 107.1 160.7

44 7.5 6.7 10.1





#5

2-Fluorophenol

Concen: 145.61 ng

RT: 5.56 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

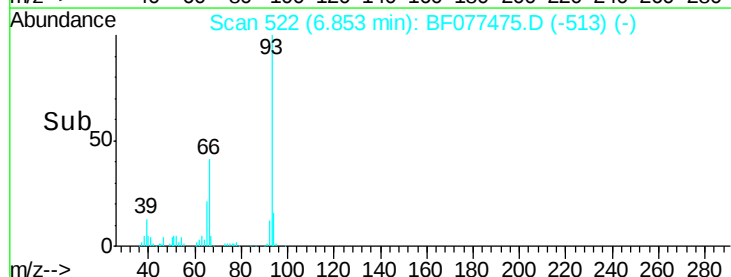
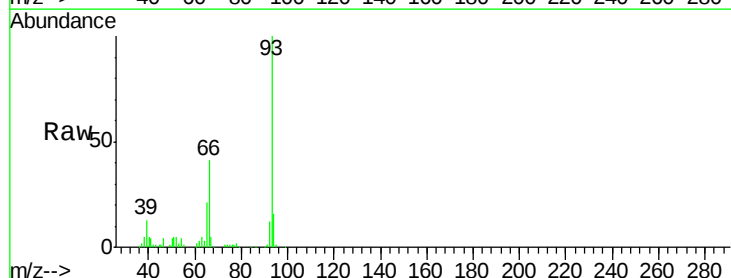
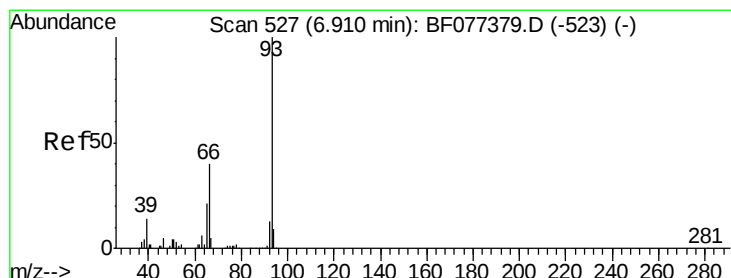
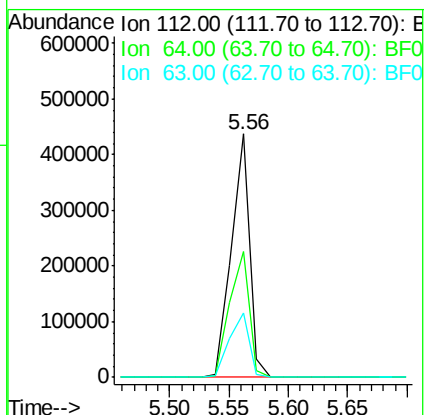
Tgt Ion: 112 Resp: 464255

Ion Ratio Lower Upper

112 100

64 51.8 48.5 72.7

63 26.7 25.0 37.4



#6

Aniline

Concen: 25.62 ng

RT: 6.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

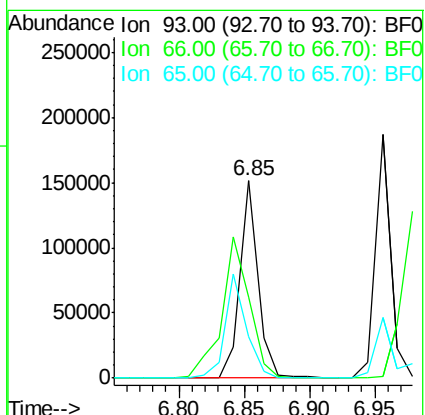
Tgt Ion: 93 Resp: 145178

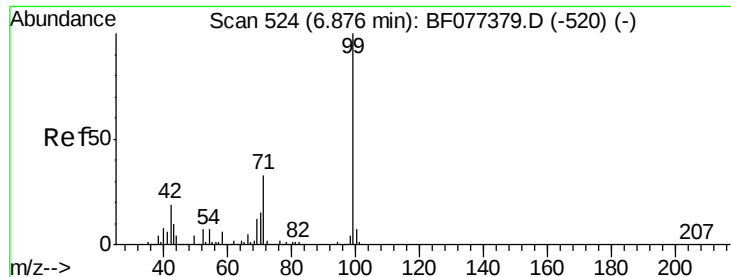
Ion Ratio Lower Upper

93 100

66 40.8 29.1 43.7

65 20.8 14.6 22.0





#7

Phenol-d6

Concen: 146.47 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

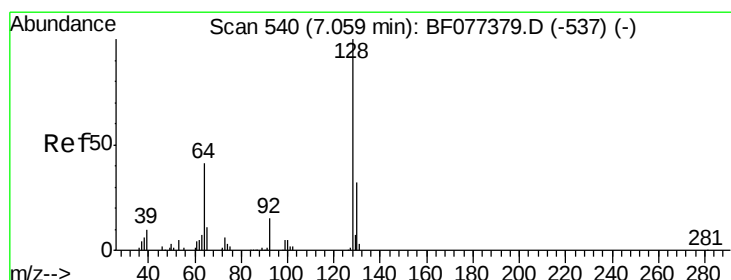
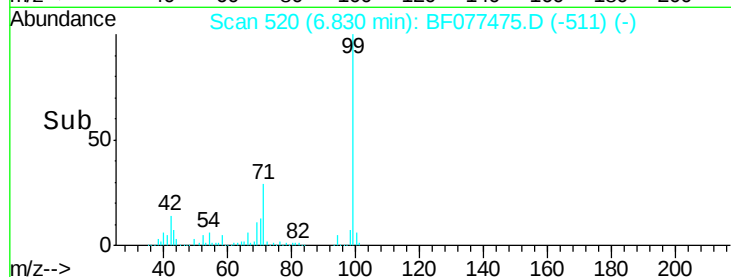
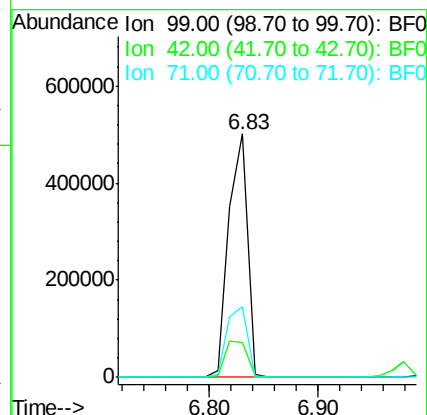
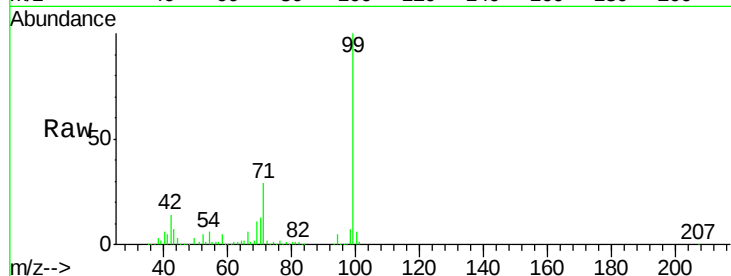
Tgt Ion: 99 Resp: 600433

Ion Ratio Lower Upper

99 100

42 14.2 16.2 24.4#

71 29.2 26.7 40.1



#8

2-Chlorophenol

Concen: 44.35 ng

RT: 7.00 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

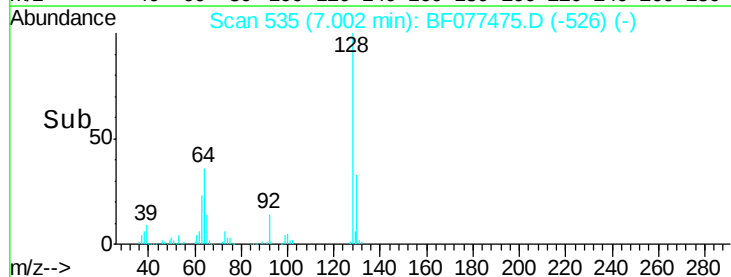
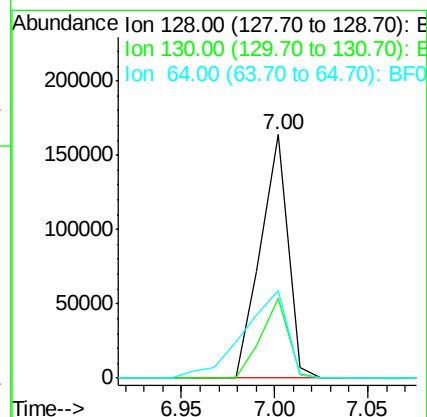
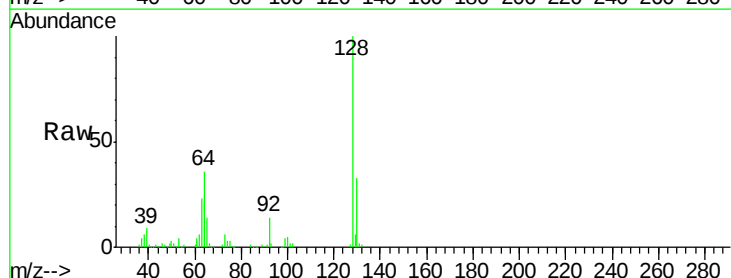
Tgt Ion: 128 Resp: 166816

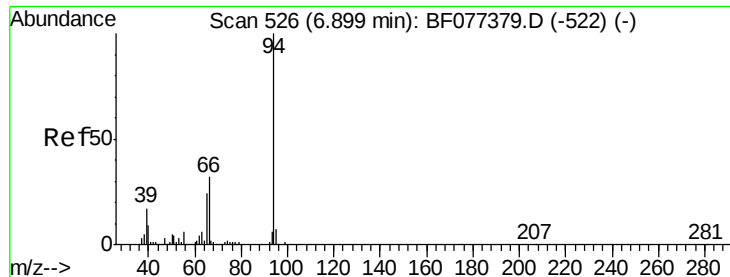
Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

64 36.0 29.2 69.2





#10

Phenol

Concen: 47.50 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

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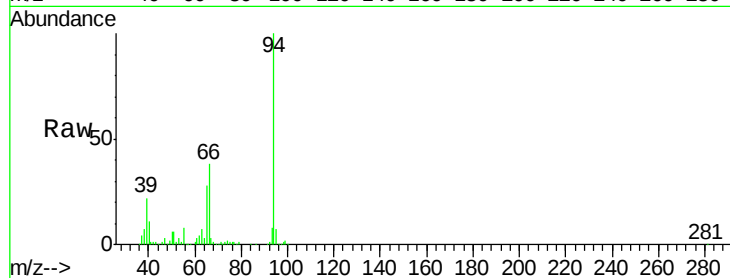
Tgt Ion: 94 Resp: 231012

Ion Ratio Lower Upper

94 100

65 27.9 5.7 45.7

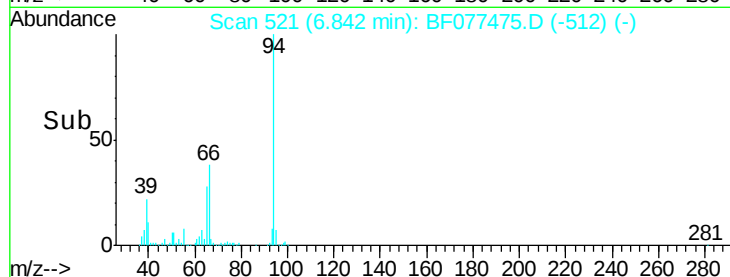
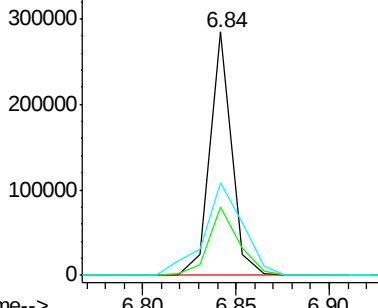
66 37.9 13.6 53.6



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 44.78 ng

RT: 6.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

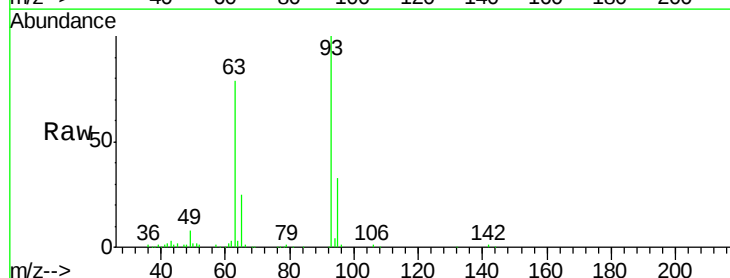
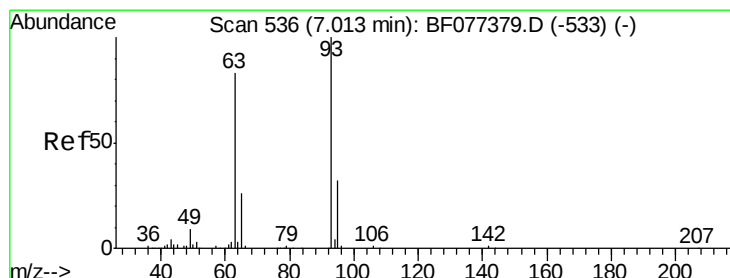
Tgt Ion: 93 Resp: 156518

Ion Ratio Lower Upper

93 100

63 78.7 48.7 88.7

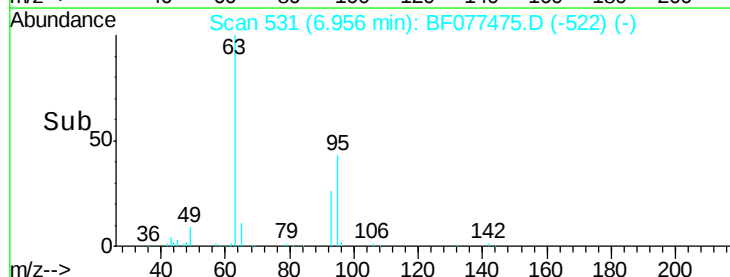
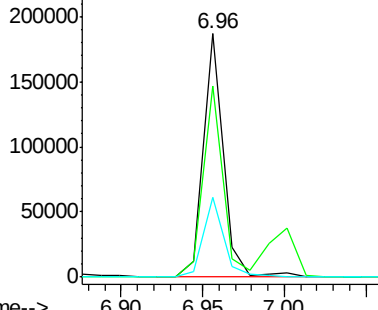
95 32.8 13.6 53.6

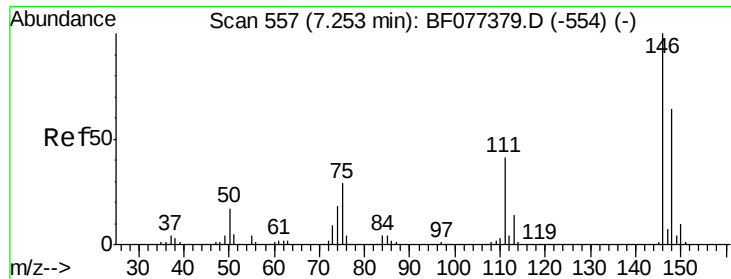


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

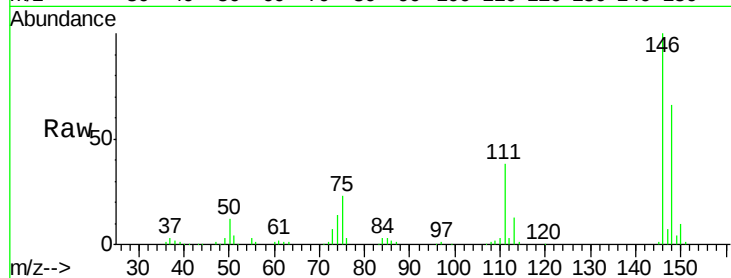




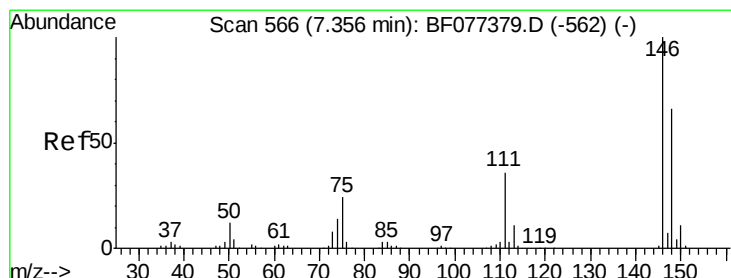
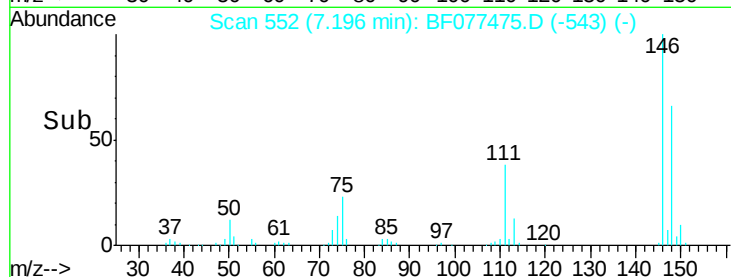
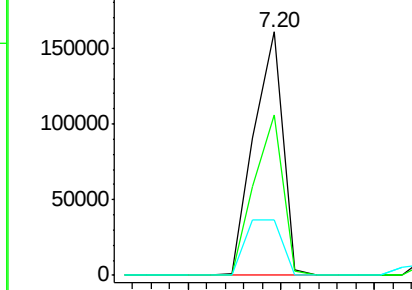
#12
 1,3-Dichlorobenzene
 Concen: 42.94 ng
 RT: 7.20 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515MSD

Tgt Ion:146 Resp: 175855
 Ion Ratio Lower Upper
 146 100
 148 66.0 49.8 74.8
 75 22.5 28.2 42.4#

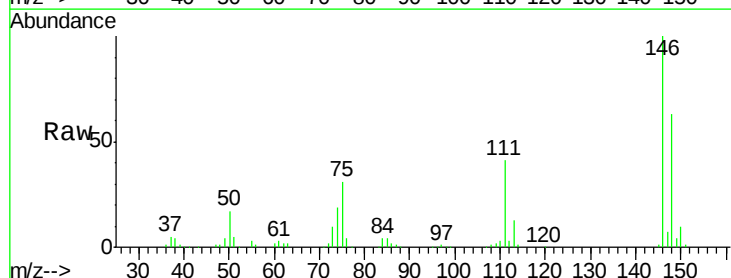


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

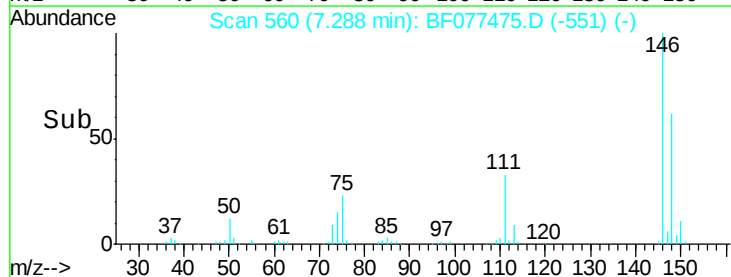
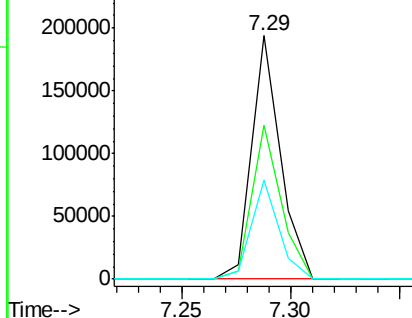


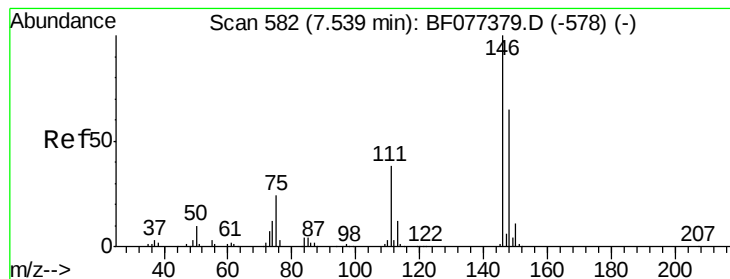
#13
 1,4-Dichlorobenzene
 Concen: 42.75 ng
 RT: 7.29 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

Tgt Ion:146 Resp: 178103
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.0 78.0
 111 40.9 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

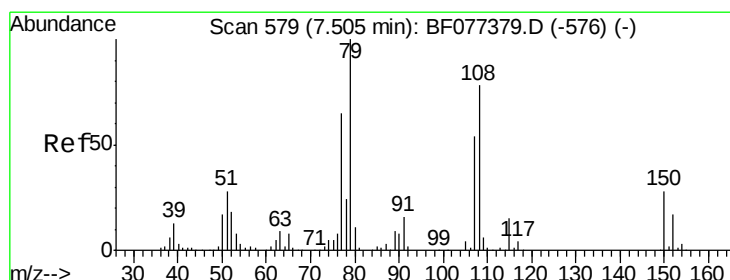
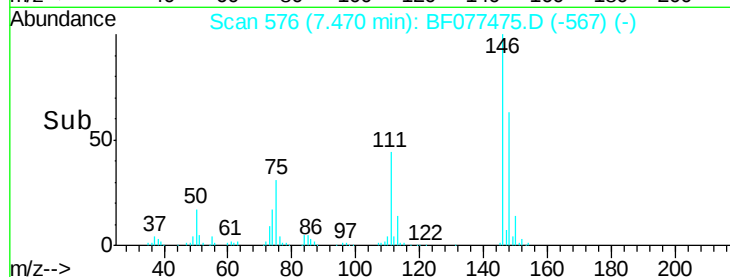
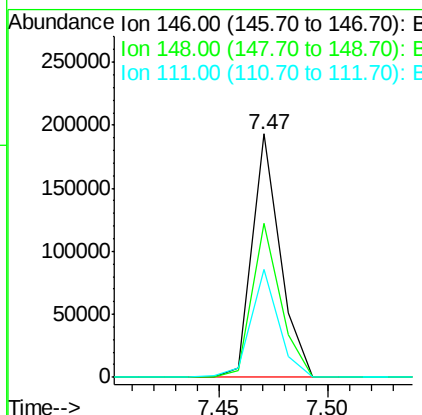
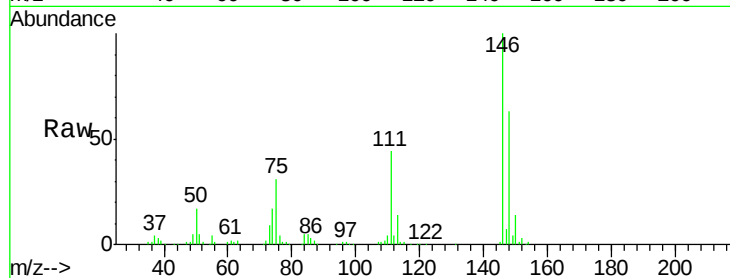




#14
 1,2-Dichlorobenzene
 Concen: 43.64 ng
 RT: 7.47 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

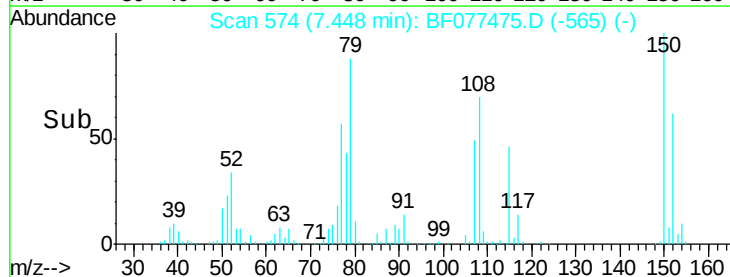
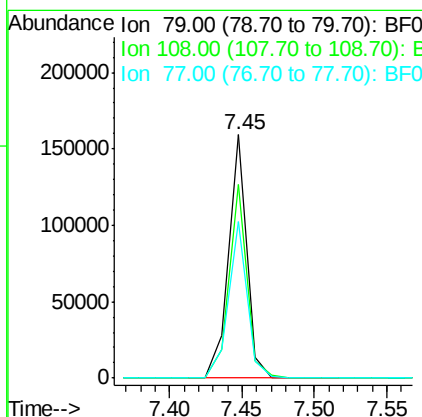
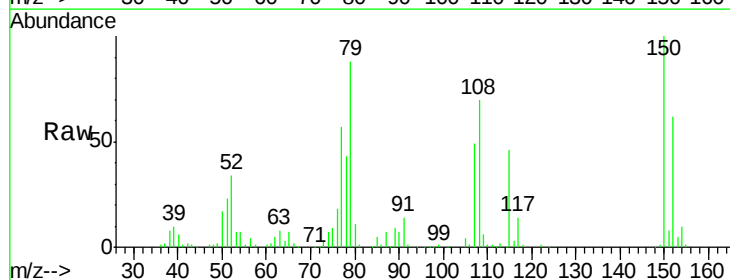
Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515MSD

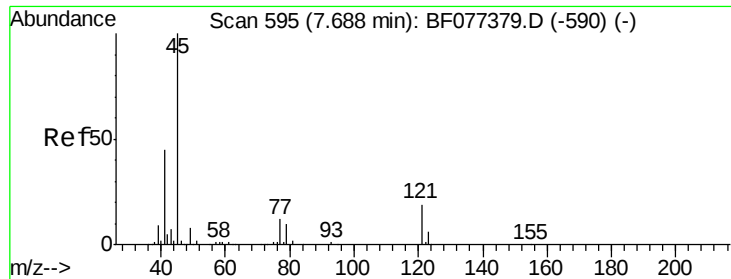
Tgt Ion: 146 Resp: 172975
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.6 77.4
 111 44.3 34.2 51.2



#15
 Benzyl Alcohol
 Concen: 44.51 ng
 RT: 7.45 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

Tgt Ion: 79 Resp: 138703
 Ion Ratio Lower Upper
 79 100
 108 79.6 58.3 87.5
 77 64.3 51.3 76.9

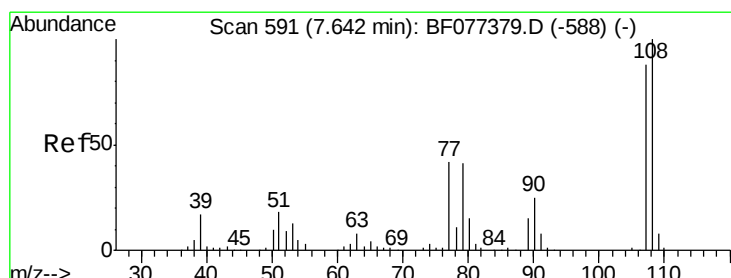
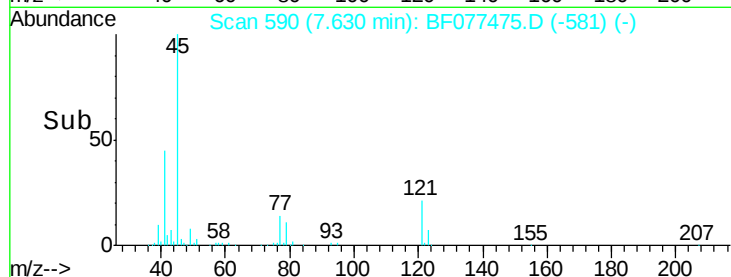
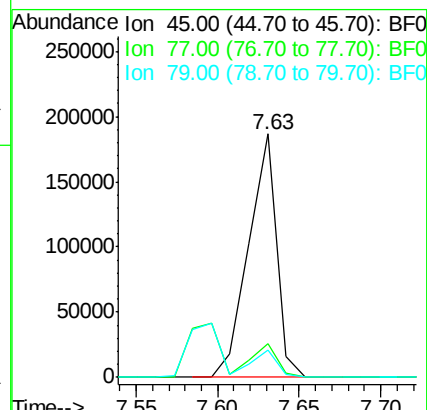
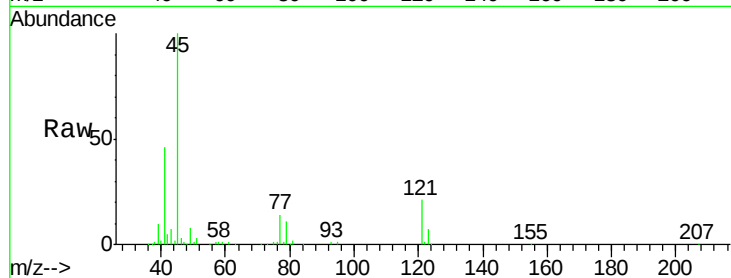




#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.34 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

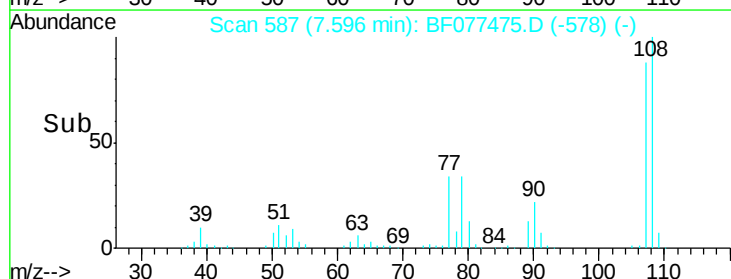
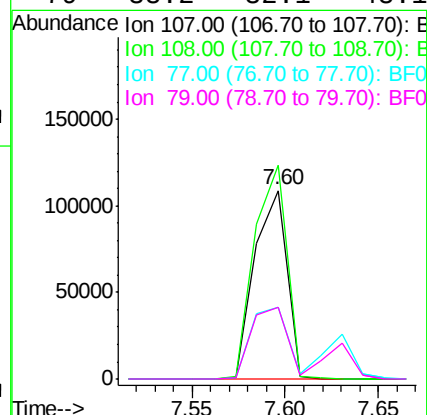
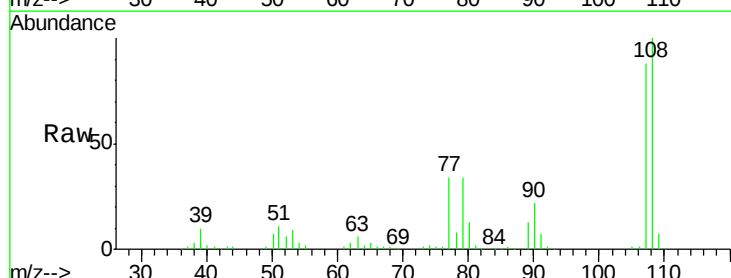
Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

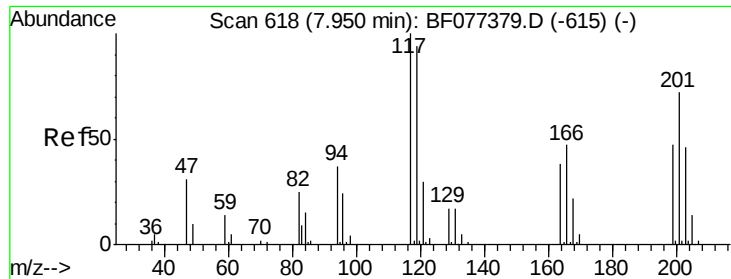
Tgt Ion: 45 Resp: 221525
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.6
79 11.3 0.0 31.5



#17
2-Methylphenol
Concen: 44.28 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 107 Resp: 130166
Ion Ratio Lower Upper
107 100
108 113.1 91.2 136.8
77 38.3 33.6 50.4
79 38.2 32.1 48.1

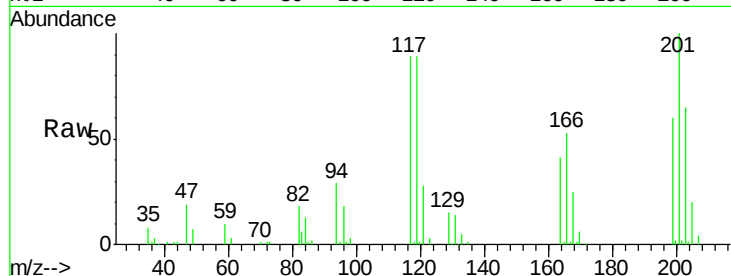




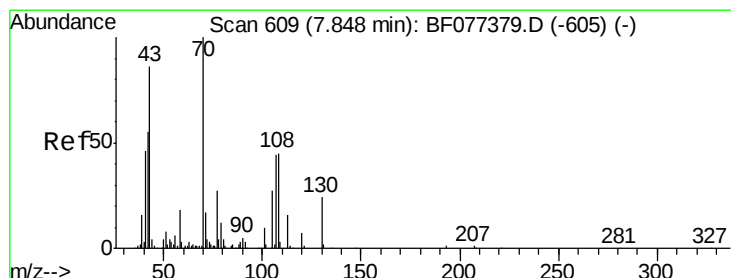
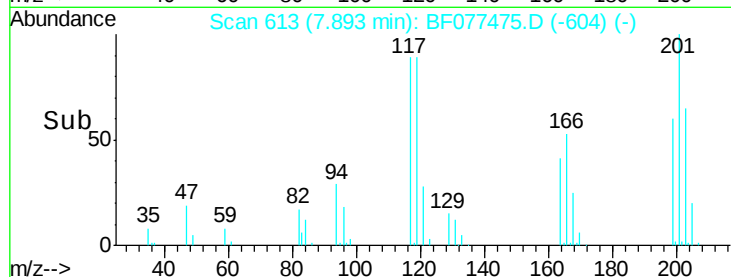
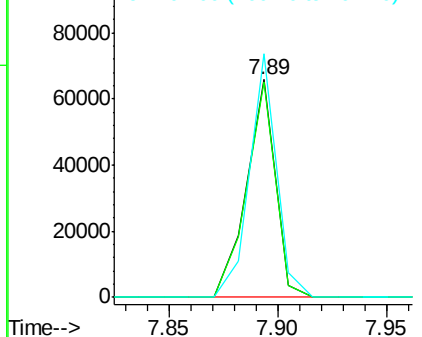
#18
Hexachloroethane
Concen: 43.42 ng
RT: 7.89 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

Tgt Ion: 117 Resp: 60418
Ion Ratio Lower Upper
117 100
119 99.1 77.8 116.8
201 112.0 90.6 136.0

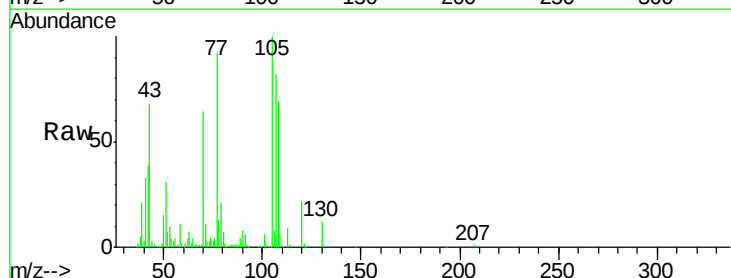


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

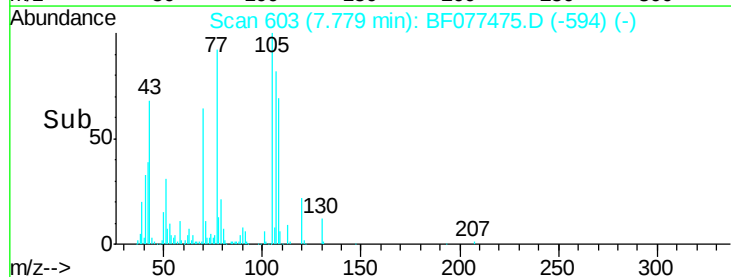
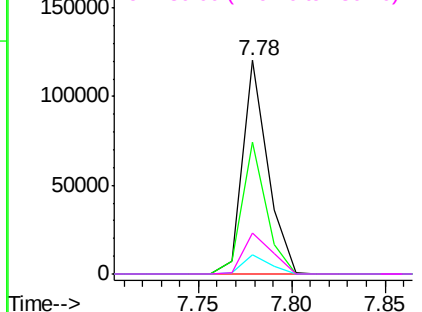


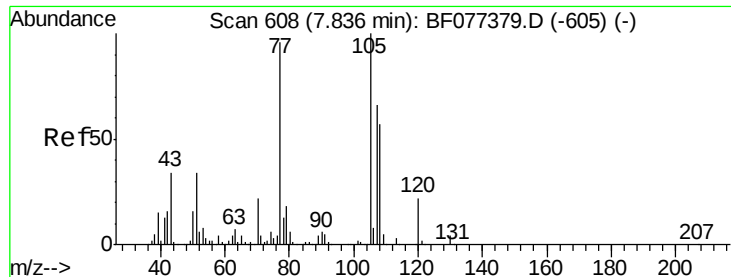
#19
n-Nitroso-di-n-propylamine
Concen: 43.25 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 70 Resp: 112579
Ion Ratio Lower Upper
70 100
42 61.8 48.3 72.5
101 9.3 7.5 11.3
130 19.0 16.7 25.1



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





#20

3+4-Methylphenols

Concen: 44.09 ng

RT: 7.78 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

Tgt Ion:107 Resp: 170698

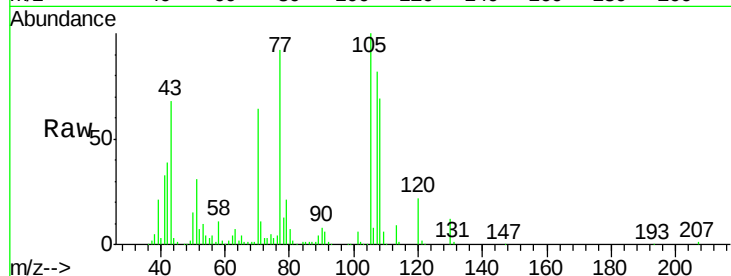
Ion Ratio Lower Upper

107 100

108 84.1 76.8 116.8

77 112.7 65.8 105.8#

79 26.0 9.6 49.6



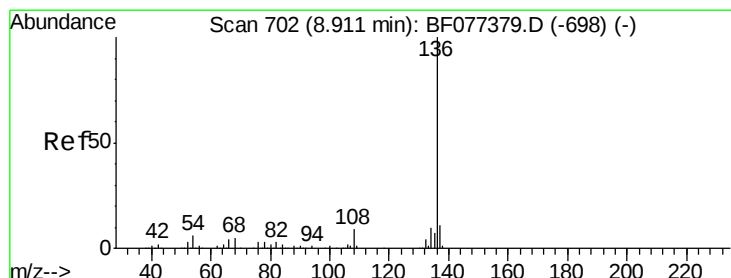
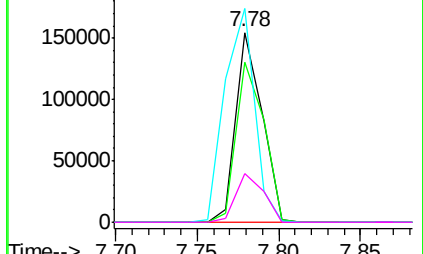
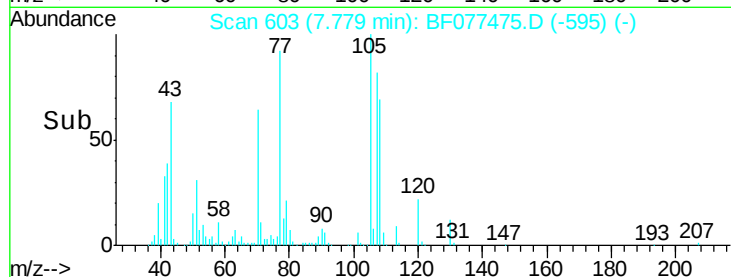
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.84 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Tgt Ion:136 Resp: 212798

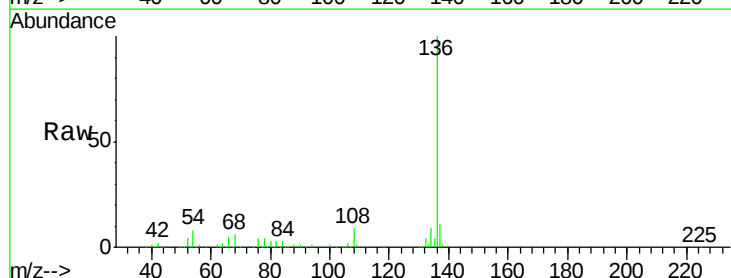
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 7.6 6.2 9.4

68 6.1 5.0 7.6



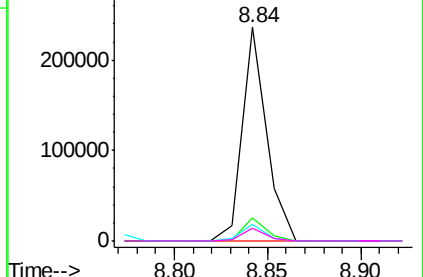
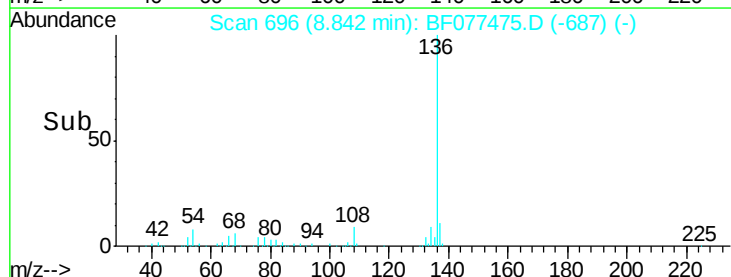
Abundance Ion 136.00 (135.70 to 136.70): E

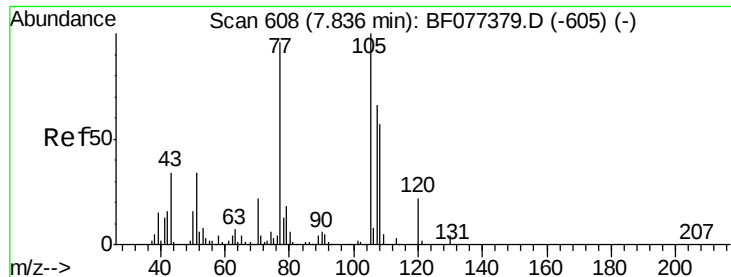
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->





#22

Acetophenone

Concen: 45.32 ng

RT: 7.78 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

Tgt Ion:105 Resp: 226866

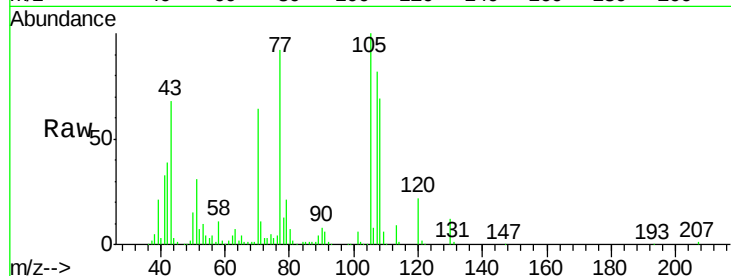
Ion Ratio Lower Upper

105 100

71 10.5 1.7 2.5#

51 30.6 30.7 46.1#

120 22.2 16.7 25.1

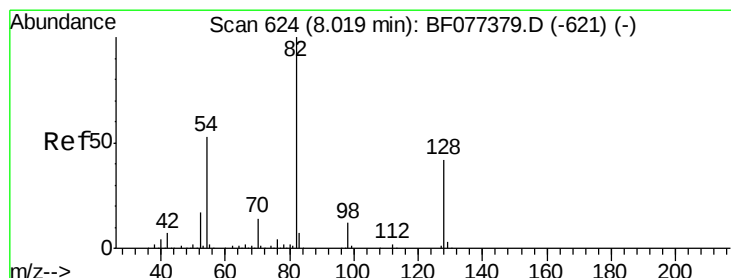
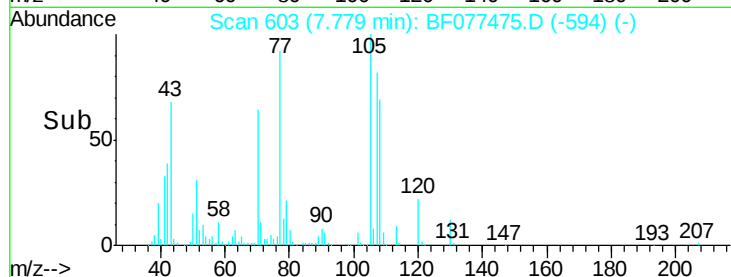
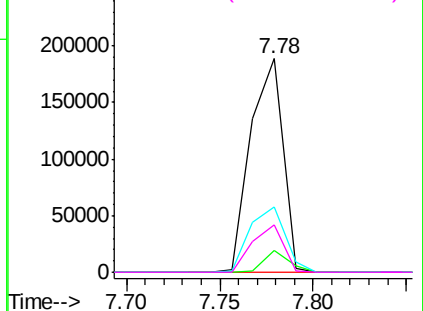


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 100.96 ng

RT: 7.96 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

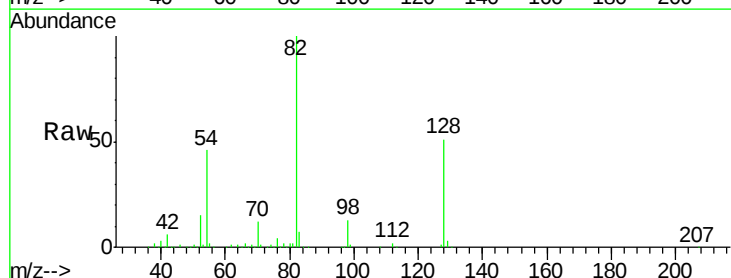
Tgt Ion: 82 Resp: 345480

Ion Ratio Lower Upper

82 100

128 51.1 43.8 65.8

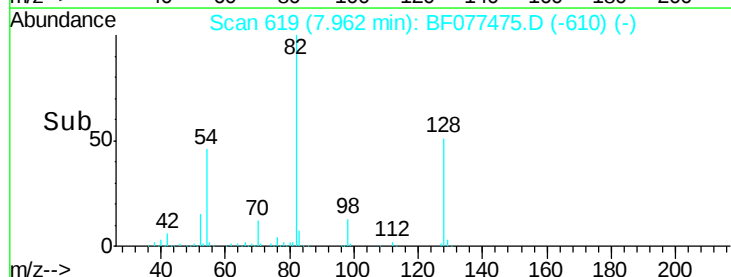
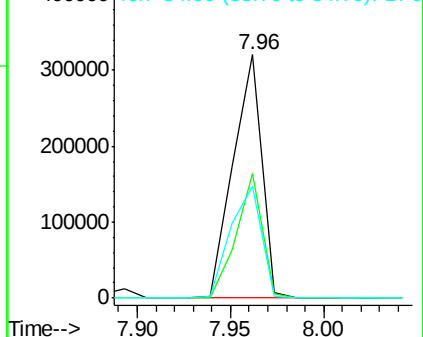
54 45.7 36.7 55.1

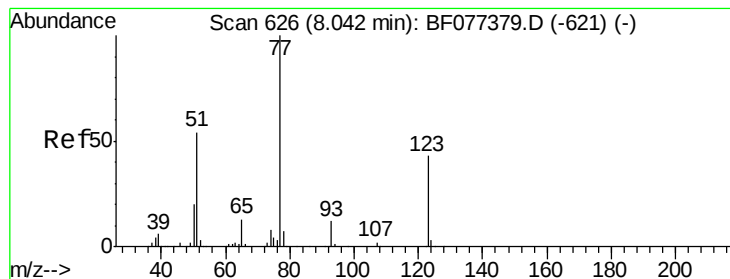


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 47.06 ng

RT: 7.98 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

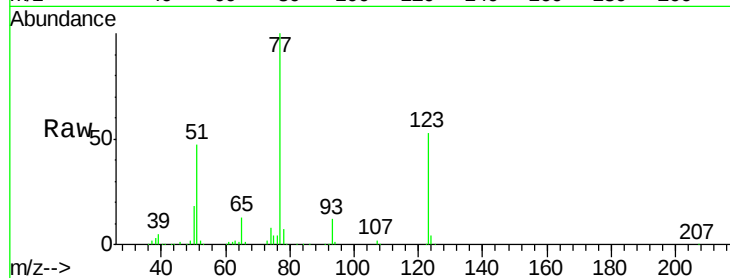
Tgt Ion: 77 Resp: 169423

Ion Ratio Lower Upper

77 100

123 53.3 45.9 68.9

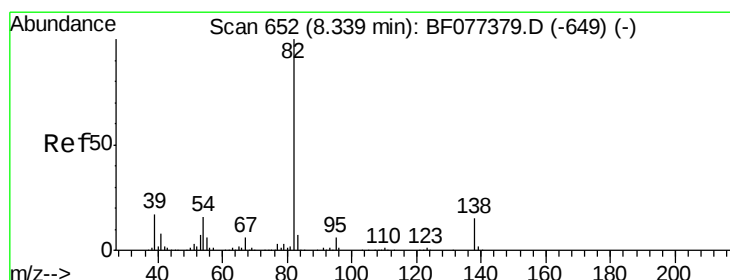
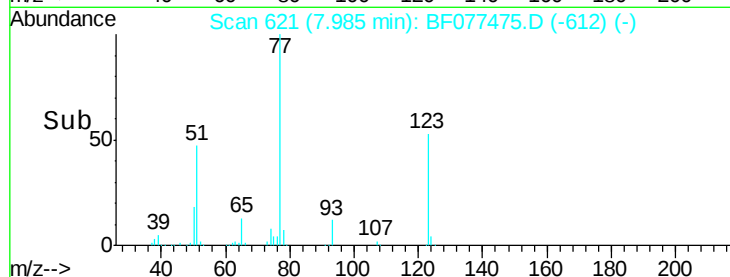
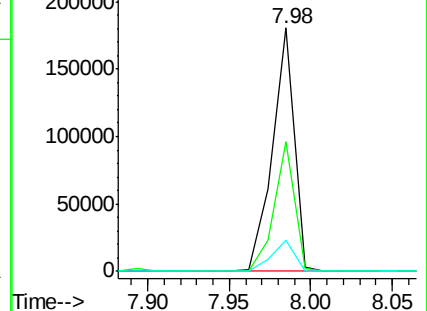
65 12.5 9.5 14.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 45.91 ng

RT: 8.28 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

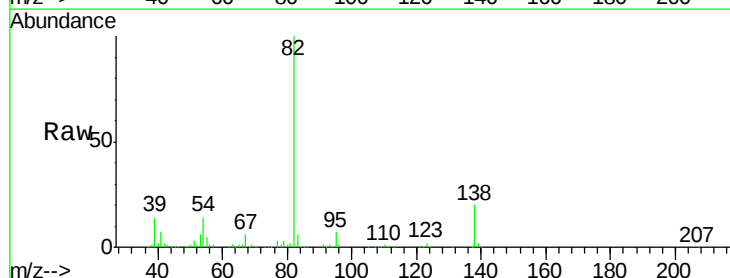
Tgt Ion: 82 Resp: 311699

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

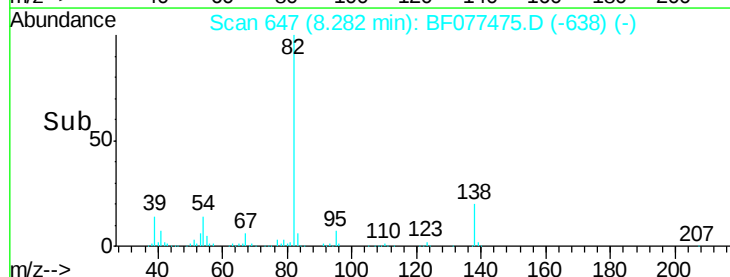
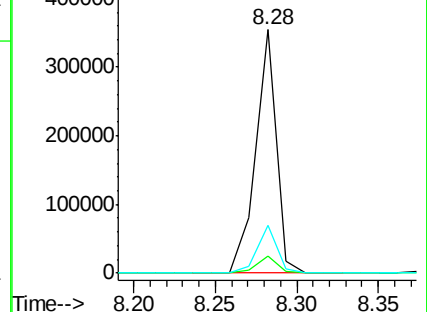
138 19.5 16.3 24.5

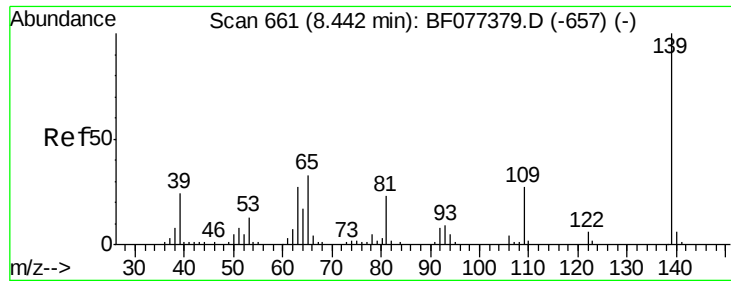


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#26

2-Nitrophenol

Concen: 54.03 ng

RT: 8.37 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

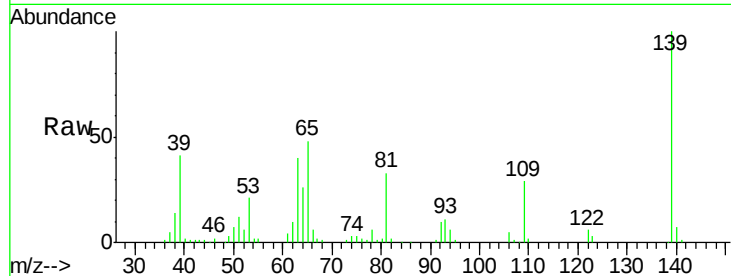
Tgt Ion:139 Resp: 79733

Ion Ratio Lower Upper

139 100

109 28.7 22.6 34.0

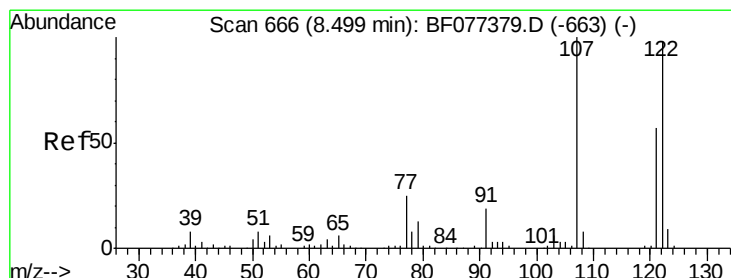
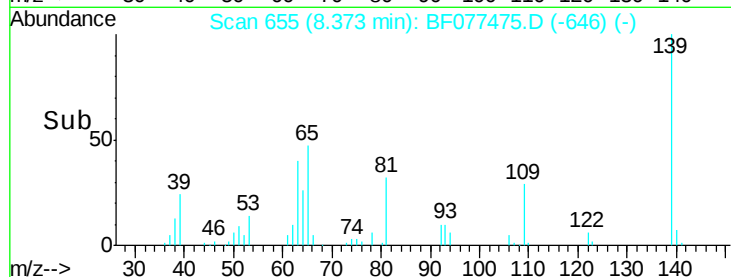
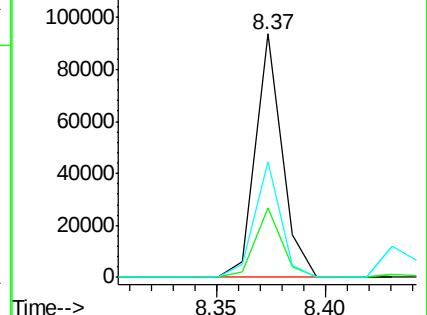
65 47.7 36.4 54.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#27

2,4-Dimethylphenol

Concen: 42.91 ng

RT: 8.43 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

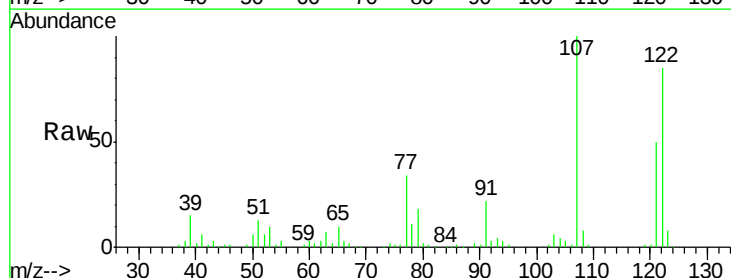
Tgt Ion:122 Resp: 141653

Ion Ratio Lower Upper

122 100

107 118.3 86.6 130.0

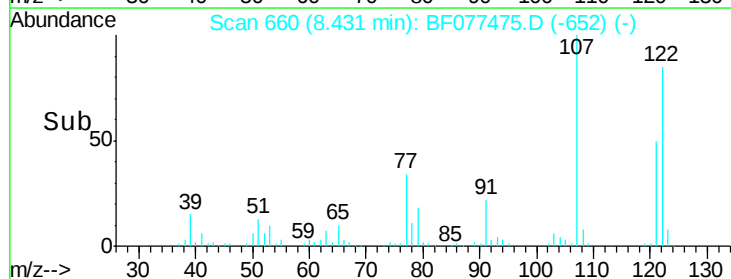
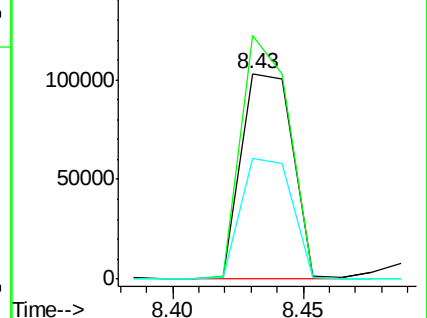
121 58.6 47.4 71.0

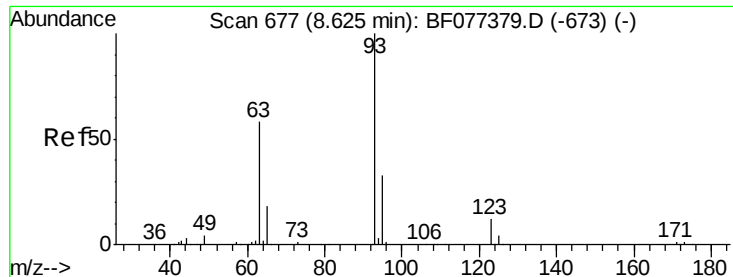


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

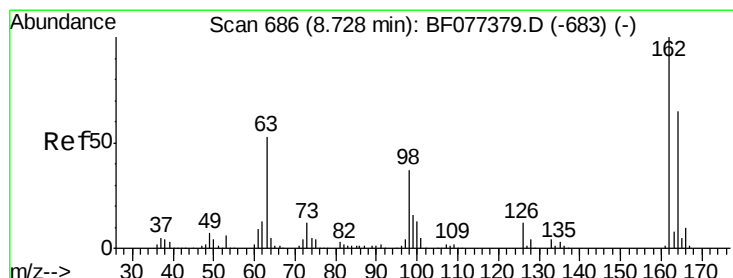
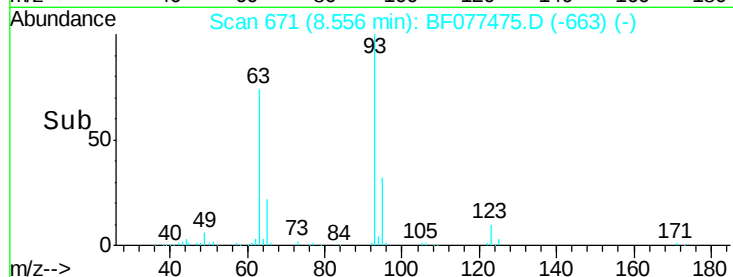
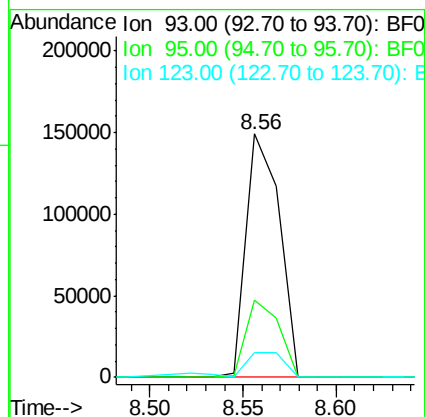
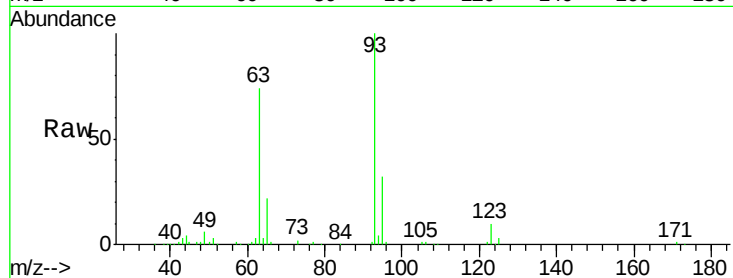




#28
bis(2-Chloroethoxy)methane
Concen: 43.04 ng
RT: 8.56 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

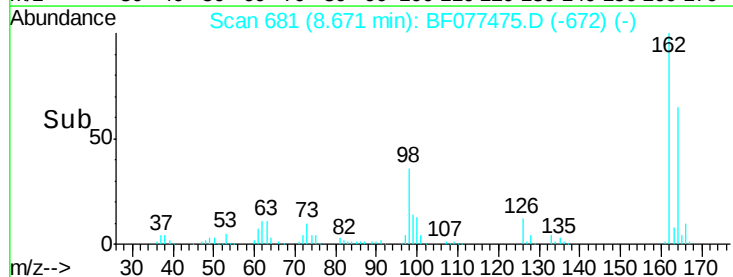
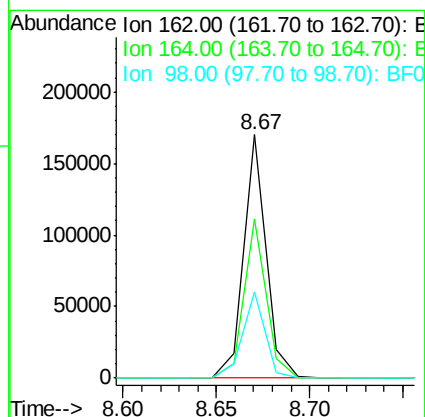
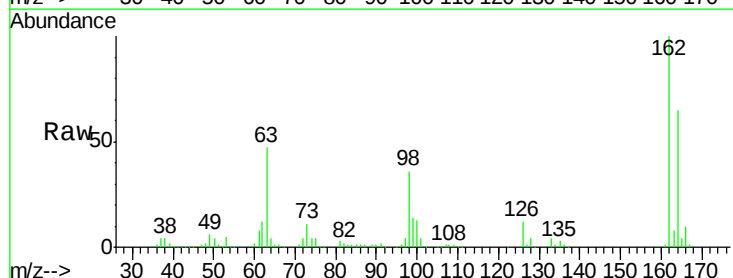
Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

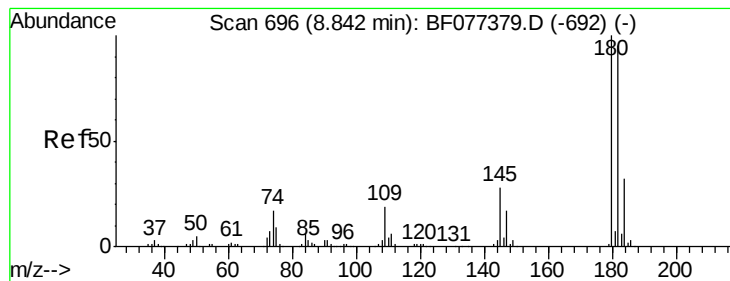
Tgt Ion: 93 Resp: 184605
Ion Ratio Lower Upper
93 100
95 31.7 26.4 39.6
123 10.0 8.7 13.1



#29
2,4-Dichlorophenol
Concen: 46.13 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 162 Resp: 142966
Ion Ratio Lower Upper
162 100
164 65.2 46.4 86.4
98 35.6 6.9 46.9





#30

1,2,4-Trichlorobenzene

Concen: 43.53 ng

RT: 8.77 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

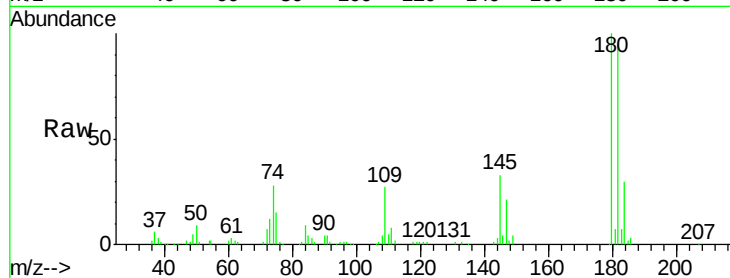
Tgt Ion:180 Resp: 148329

Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.4

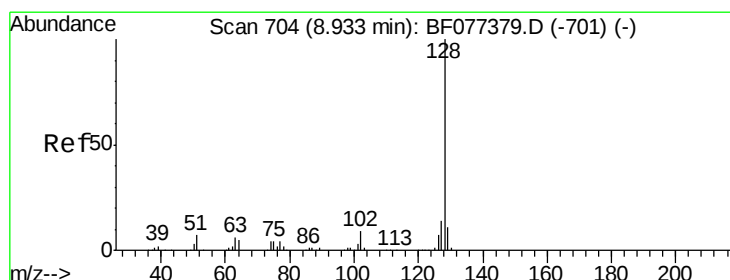
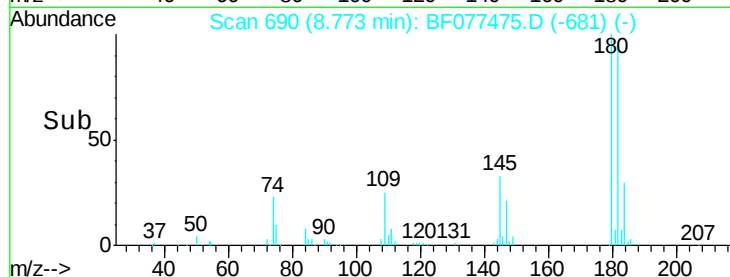
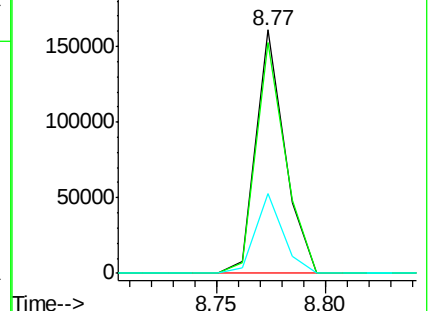
145 32.7 24.5 36.7



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 44.65 ng

RT: 8.86 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

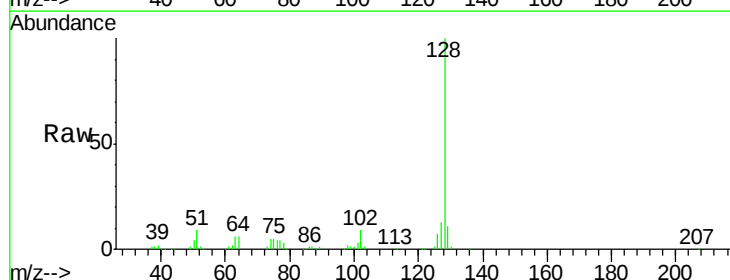
Tgt Ion:128 Resp: 475173

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

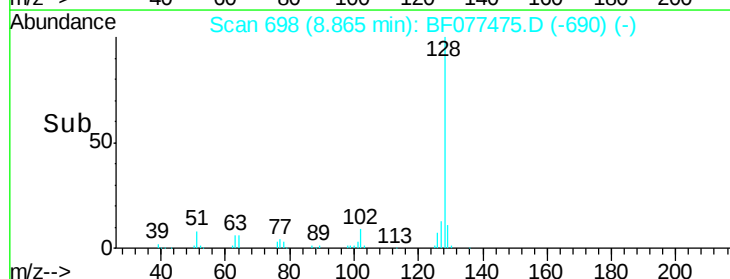
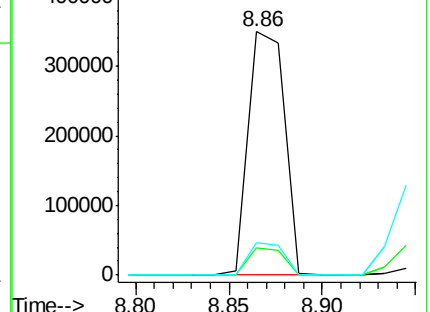
127 13.3 10.6 15.8

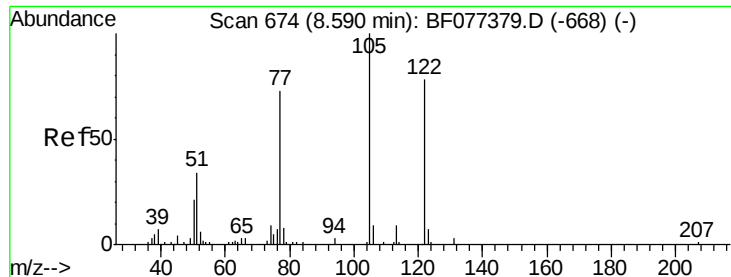


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 43.28 ng

RT: 8.52 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

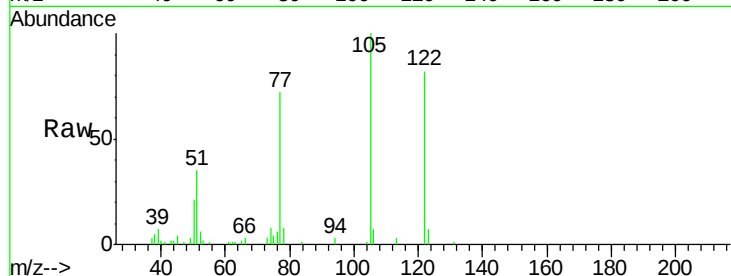
Tgt Ion:122 Resp: 69439

Ion Ratio Lower Upper

122 100

105 121.7 100.3 140.3

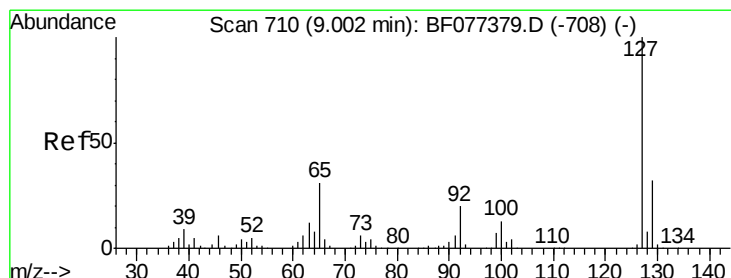
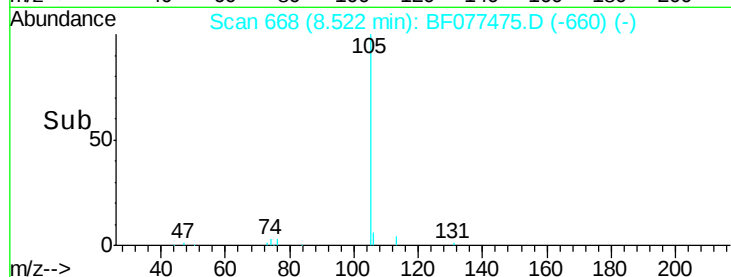
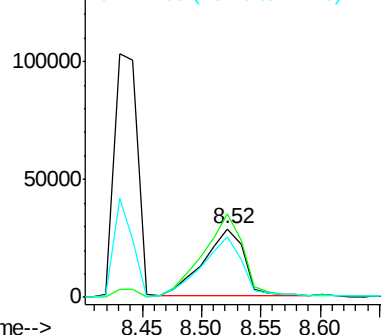
77 87.2 68.7 108.7



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: 25.78 ng

RT: 8.94 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Tgt Ion:127 Resp: 121970

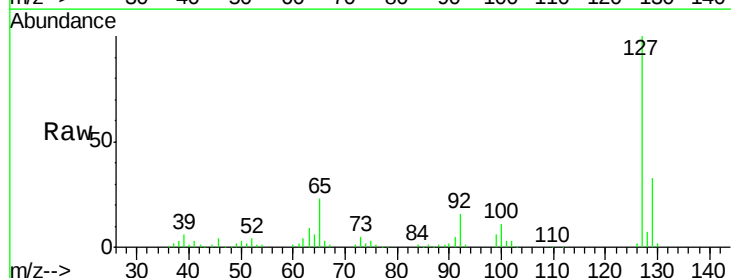
Ion Ratio Lower Upper

127 100

129 33.2 26.9 40.3

65 23.4 16.7 25.1

92 16.1 12.5 18.7

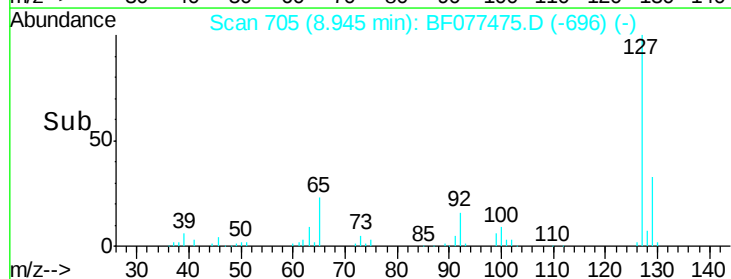
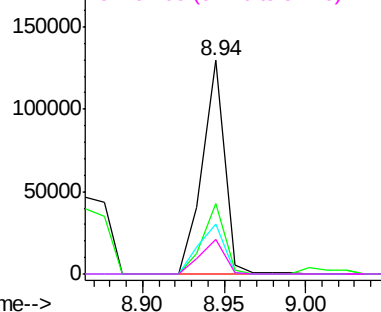


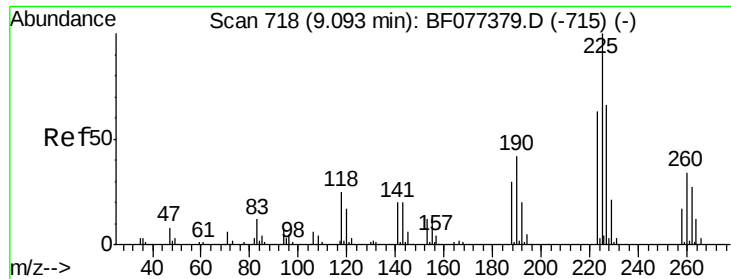
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 46.08 ng

RT: 9.02 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

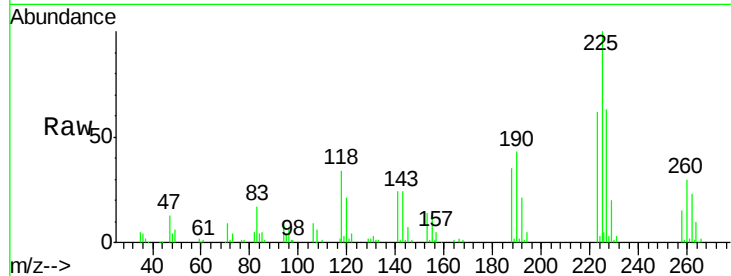
Tgt Ion:225 Resp: 89642

Ion Ratio Lower Upper

225 100

223 62.2 49.5 74.3

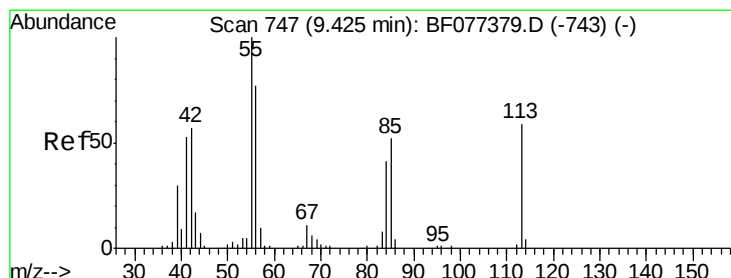
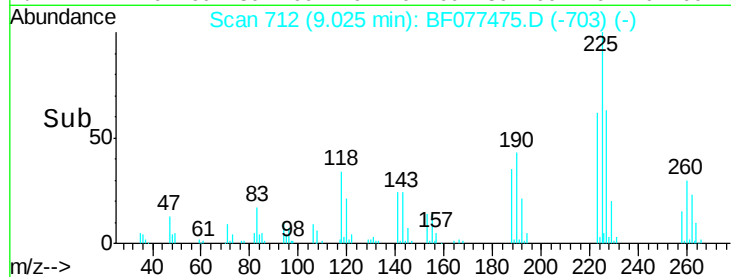
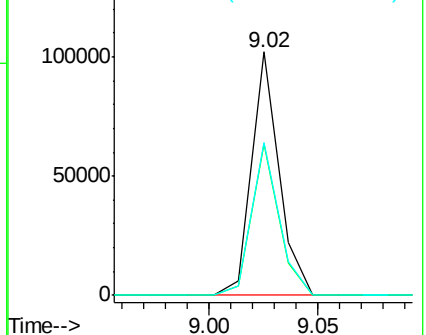
227 62.7 50.5 75.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 45.83 ng

RT: 9.36 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

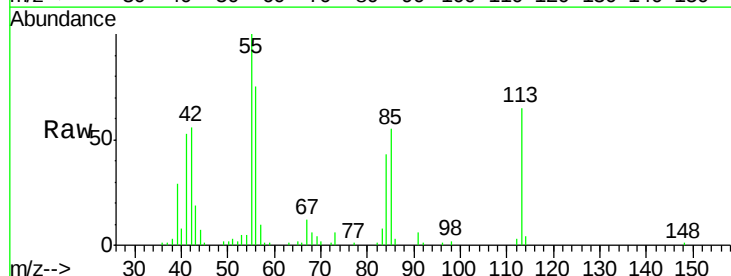
Tgt Ion:113 Resp: 43362

Ion Ratio Lower Upper

113 100

55 154.2 154.6 194.6#

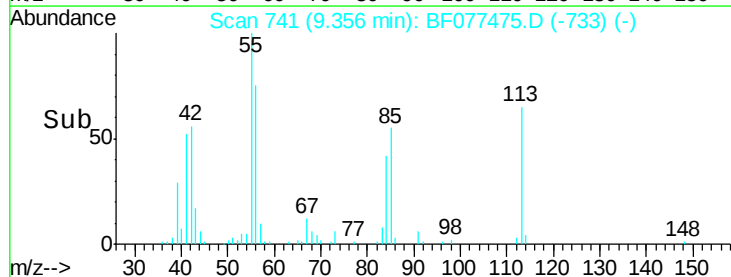
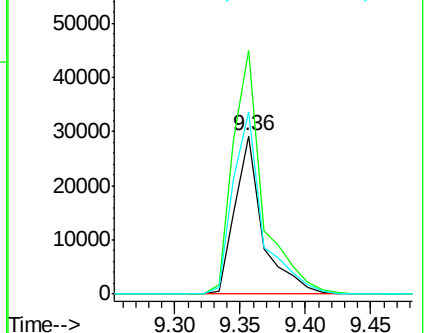
56 115.6 114.0 154.0

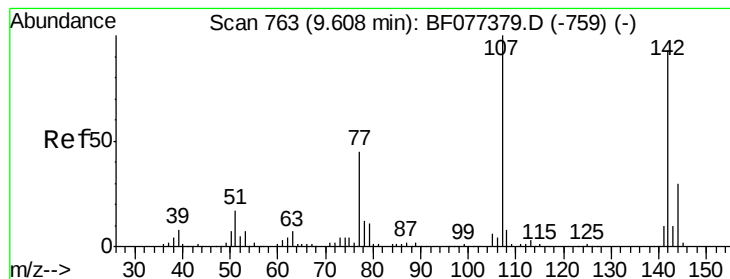


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 45.23 ng

RT: 9.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

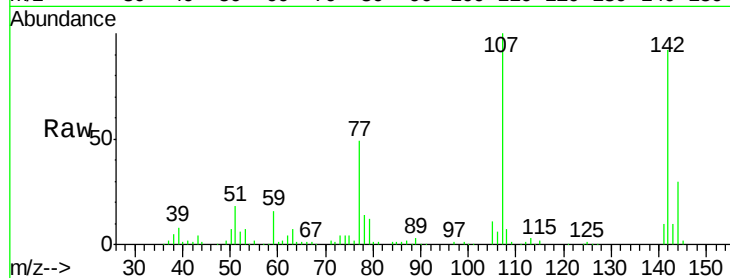
Tgt Ion:107 Resp: 140928

Ion Ratio Lower Upper

107 100

144 29.7 21.1 31.7

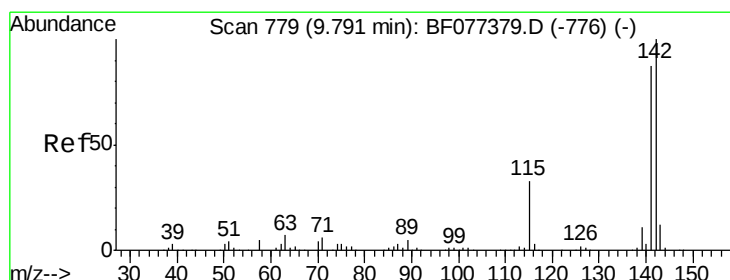
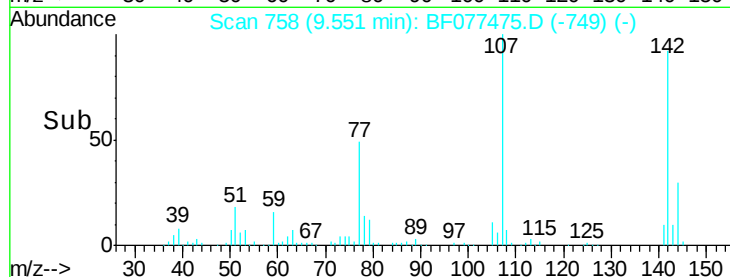
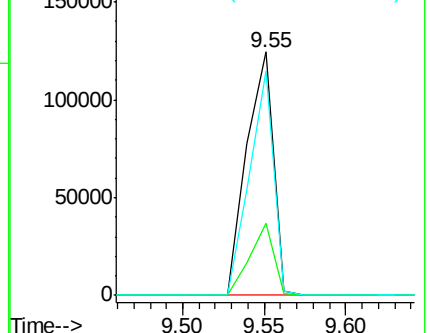
142 92.4 65.3 97.9



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 44.17 ng

RT: 9.73 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

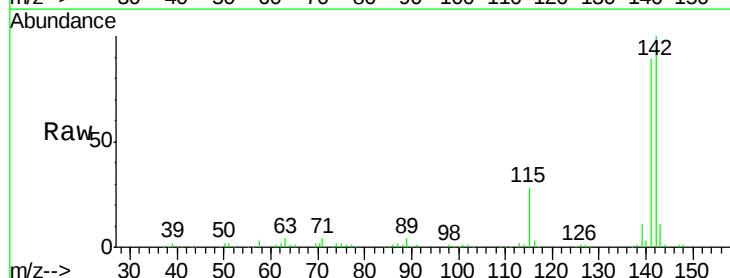
Tgt Ion:142 Resp: 333807

Ion Ratio Lower Upper

142 100

141 89.4 70.7 106.1

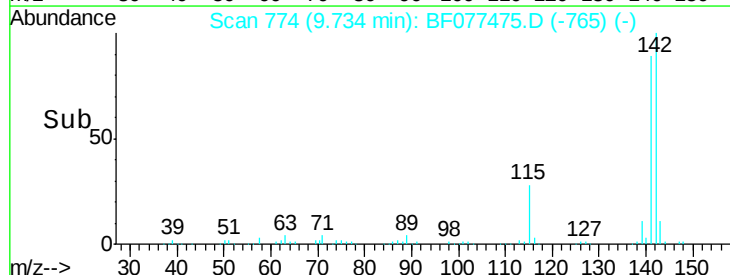
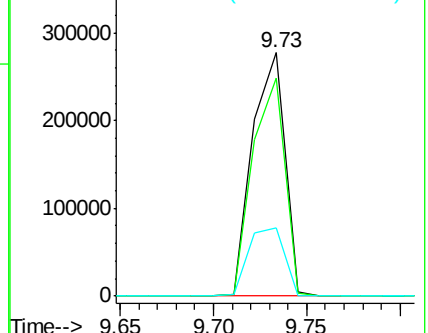
115 28.3 24.2 36.4

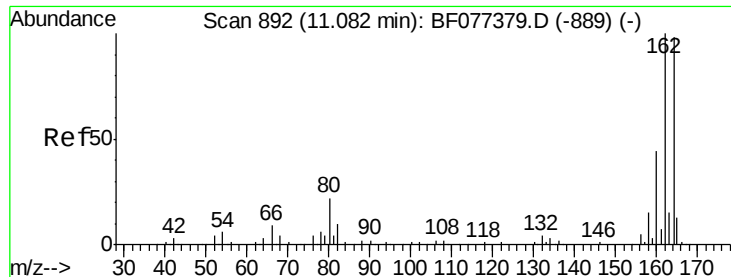


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.01 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

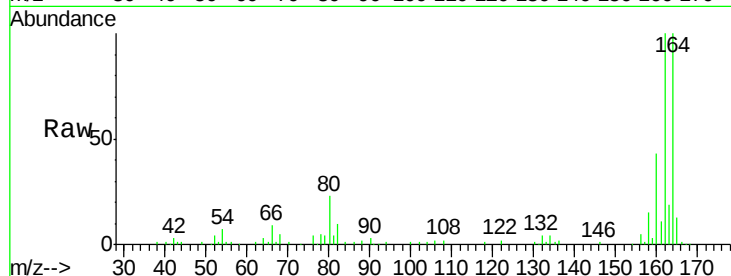
Tgt Ion:164 Resp: 106822

Ion Ratio Lower Upper

164 100

162 100.2 83.2 124.8

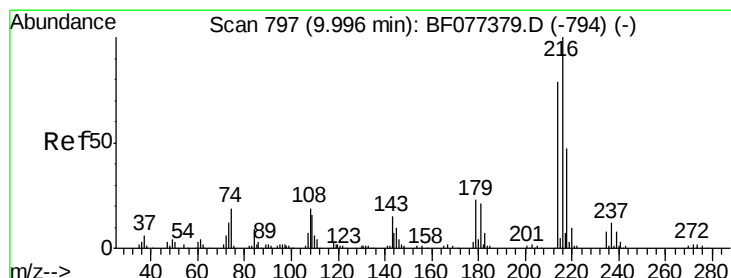
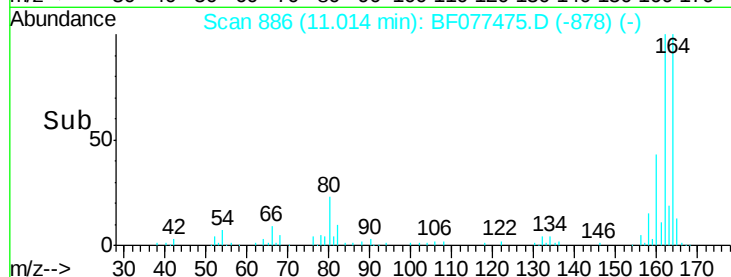
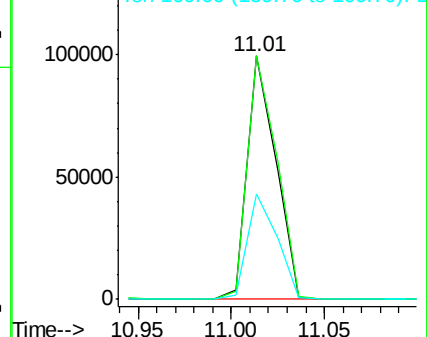
160 43.5 34.6 52.0



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: 49.41 ng

RT: 9.94 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Tgt Ion:216 Resp: 151455

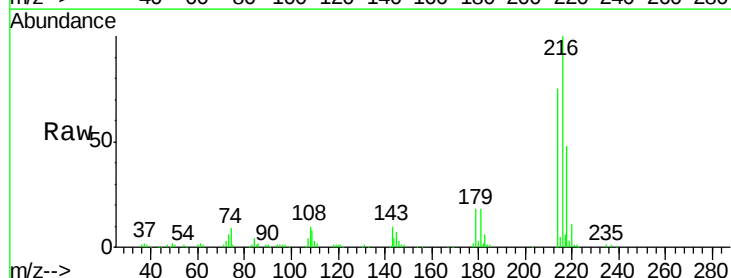
Ion Ratio Lower Upper

216 100

214 76.8 63.4 95.0

179 20.7 16.6 25.0

108 19.6 14.2 21.4

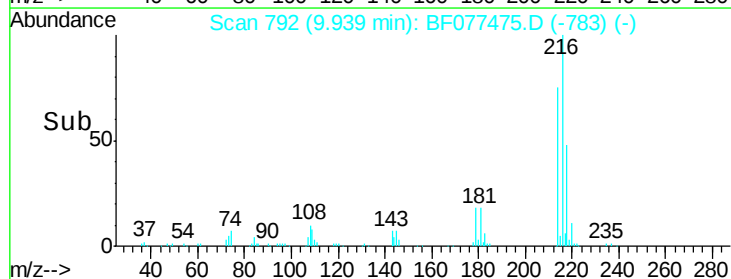
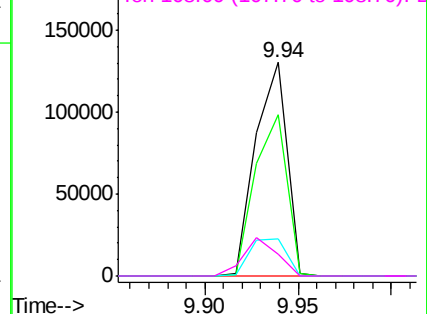


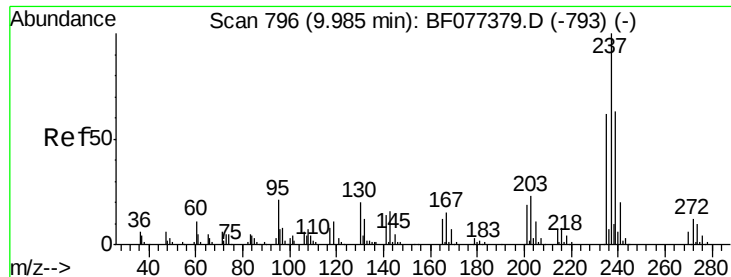
Abundance Ion 216.00 (215.70 to 216.70): E

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

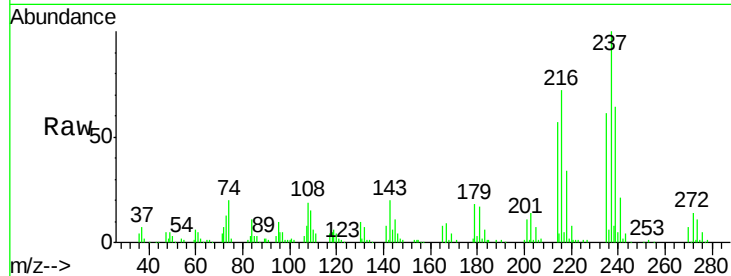




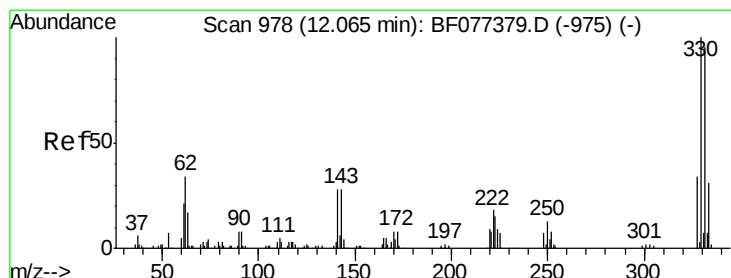
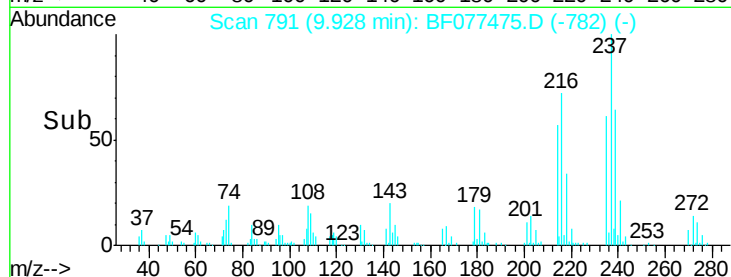
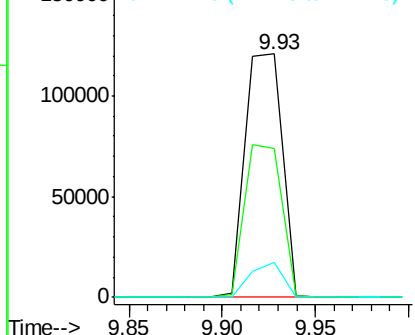
#40
Hexachlorocyclopentadiene
Concen: 101.72 ng
RT: 9.93 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Instrument :
BNA_F
ClientSampleId :
41A-NW-02251MSD

Tgt Ion:237 Resp: 167172
Ion Ratio Lower Upper
237 100
235 61.1 41.0 81.0
272 14.4 0.0 34.3

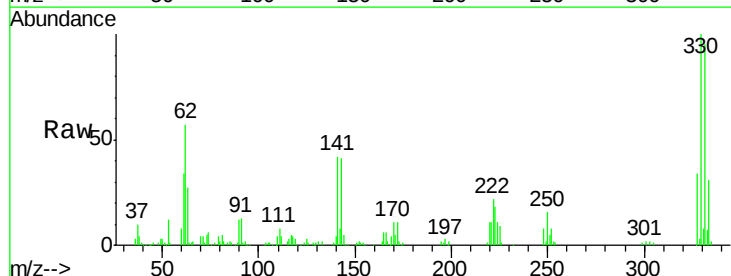


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

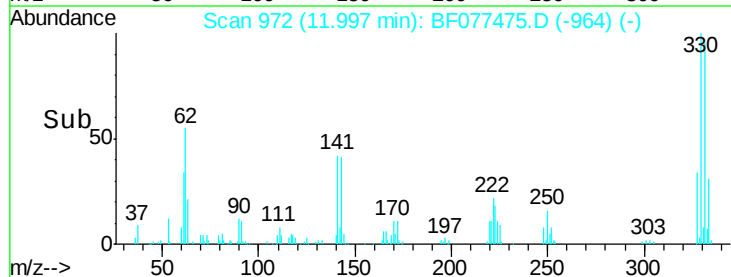
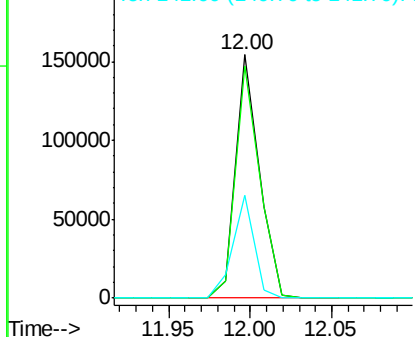


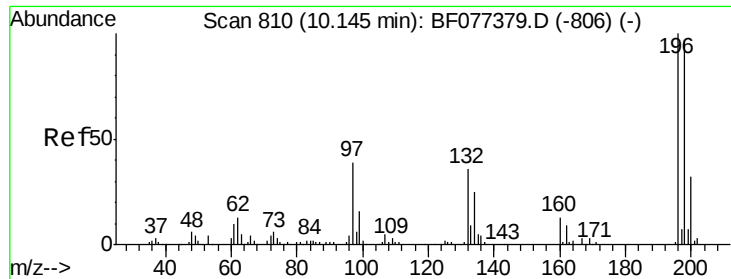
#41
2,4,6-Tribromophenol
Concen: 150.68 ng
RT: 12.00 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:330 Resp: 154982
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 38.1 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

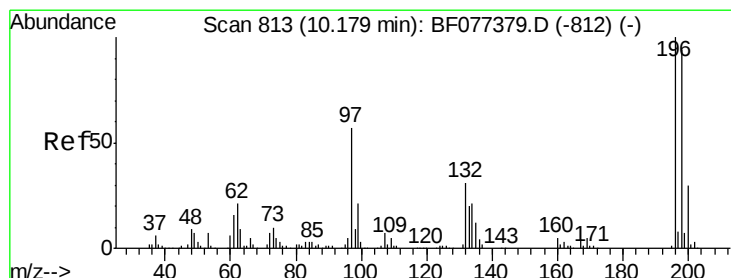
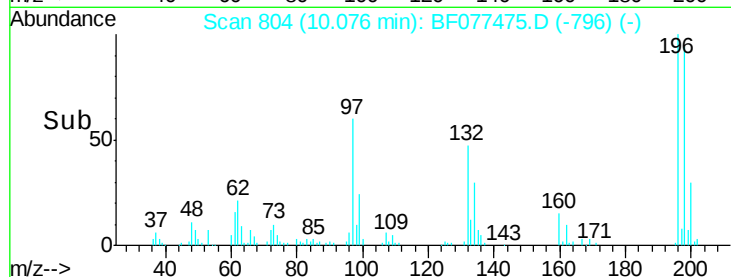
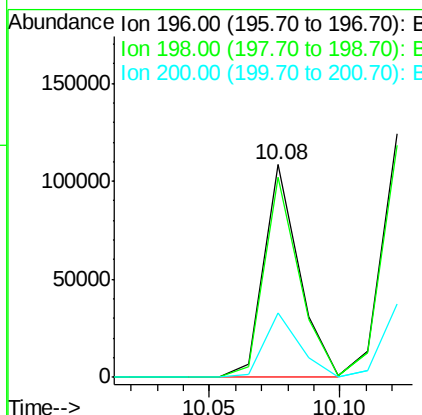
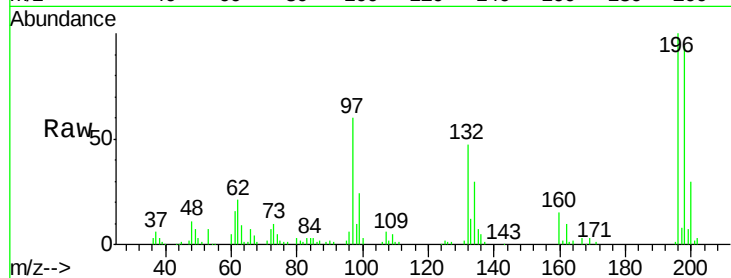




#42
 2,4,6-Trichlorophenol
 Concen: 49.59 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

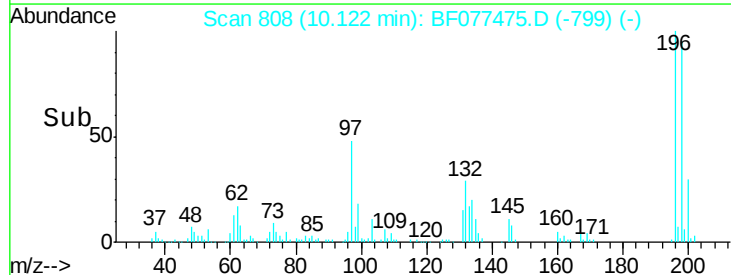
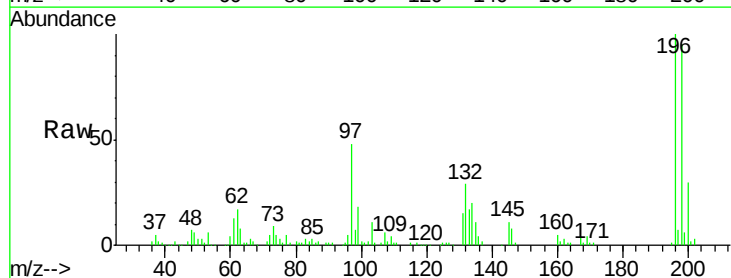
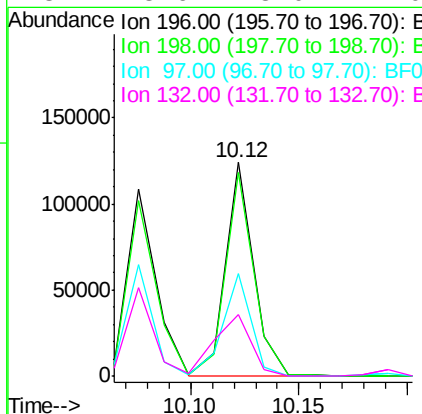
Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515MSD

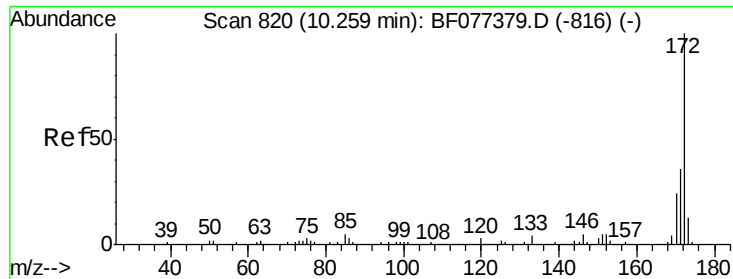
Tgt Ion:196 Resp: 100667
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.8 113.8
 200 30.1 24.2 36.4



#43
 2,4,5-Trichlorophenol
 Concen: 51.21 ng
 RT: 10.12 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

Tgt Ion:196 Resp: 111155
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.2 115.8
 97 47.7 27.7 41.5#
 132 28.6 18.0 27.0#

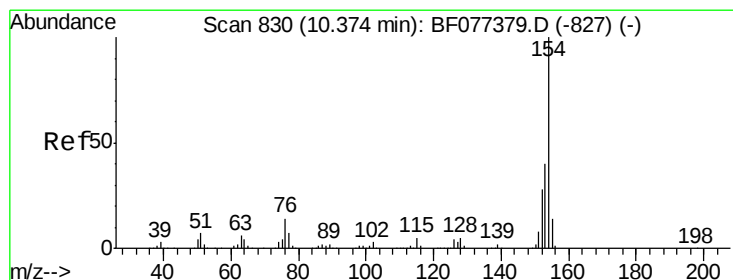
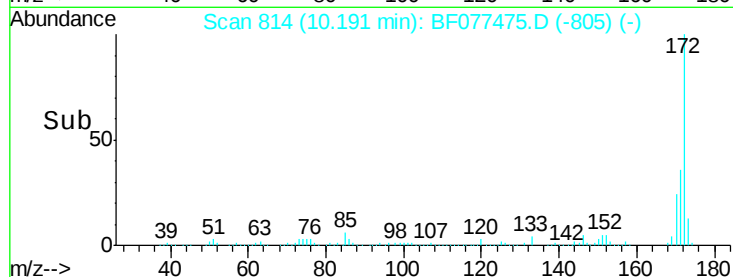
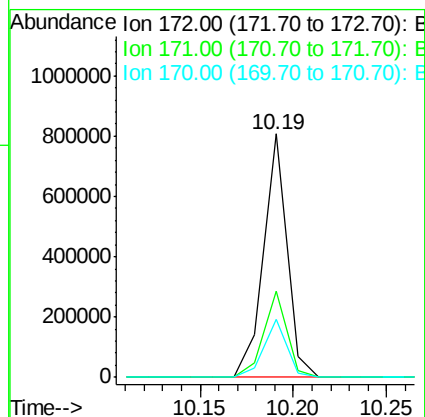
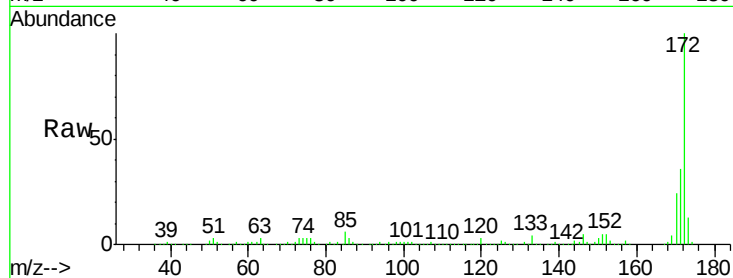




#44
 2-Fluorobiphenyl
 Concen: 101.95 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

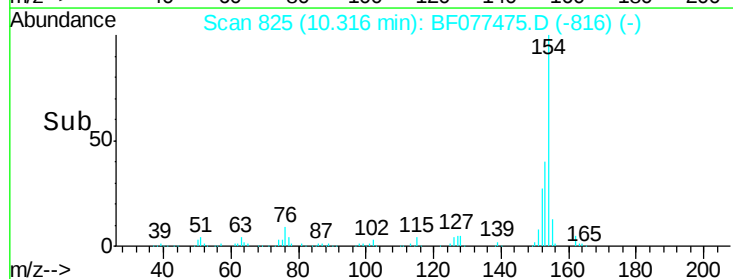
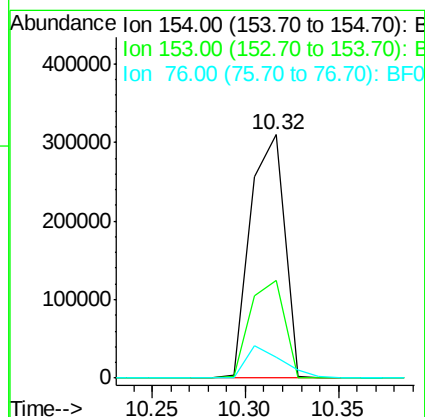
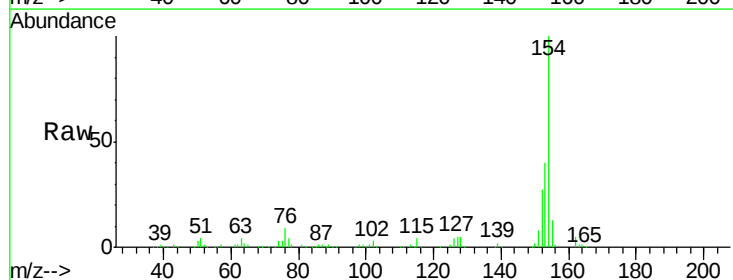
Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515MSD

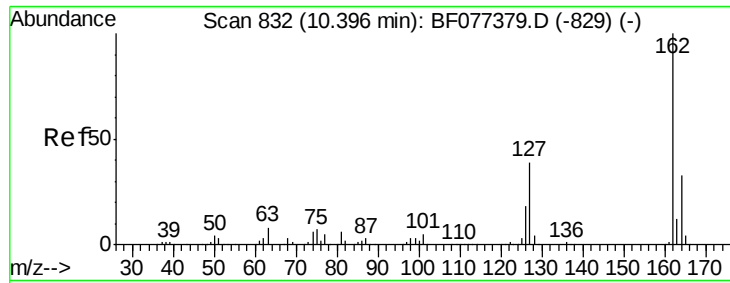
Tgt Ion:172 Resp: 698439
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.8 19.4 29.2



#45
 1,1'-Biphenyl
 Concen: 48.58 ng
 RT: 10.32 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

Tgt Ion:154 Resp: 393129
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.2 60.2
 76 8.7 0.0 29.4

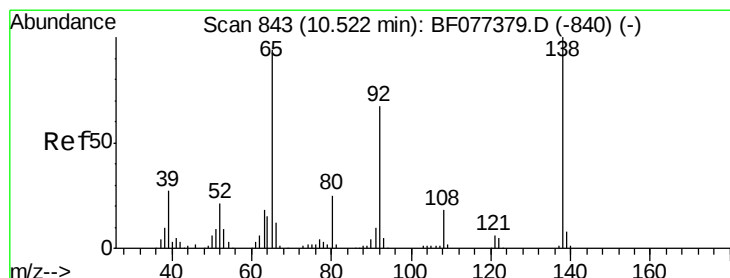
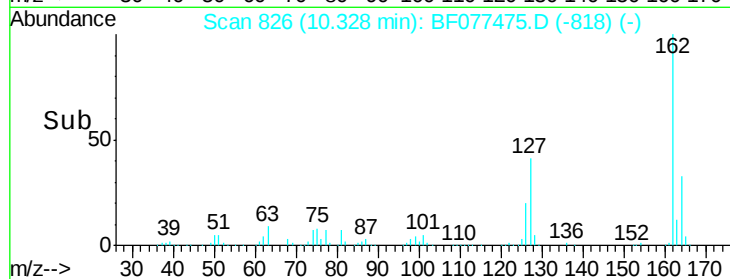
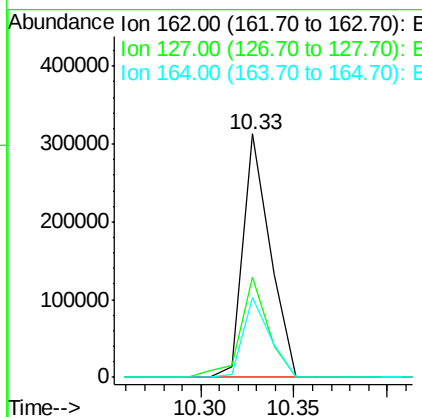
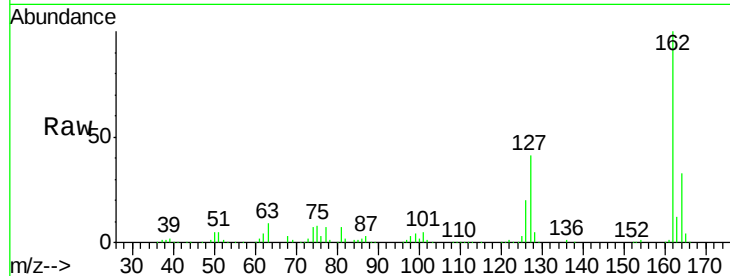




#46
 2-Chloronaphthalene
 Concen: 49.62 ng
 RT: 10.33 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

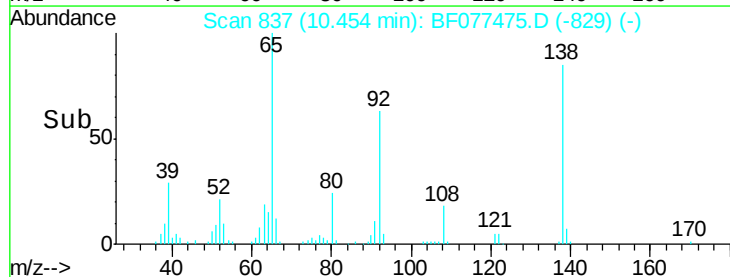
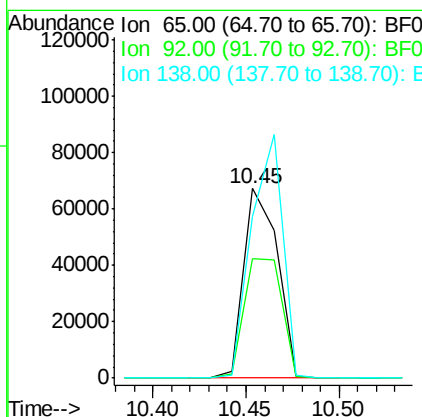
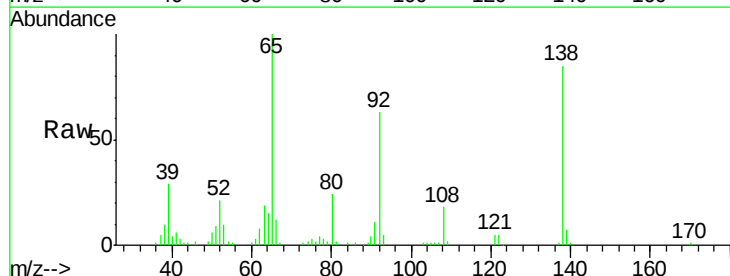
Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515MSD

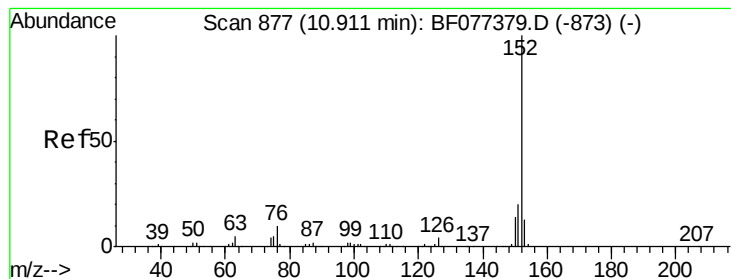
Tgt Ion: 162 Resp: 314953
 Ion Ratio Lower Upper
 162 100
 127 41.3 33.3 49.9
 164 32.9 26.2 39.4



#47
 2-Nitroaniline
 Concen: 53.67 ng
 RT: 10.45 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

Tgt Ion: 65 Resp: 83856
 Ion Ratio Lower Upper
 65 100
 92 63.4 52.4 78.6
 138 85.3 73.4 110.0





#48

Acenaphthylene

Concen: 51.26 ng

RT: 10.84 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

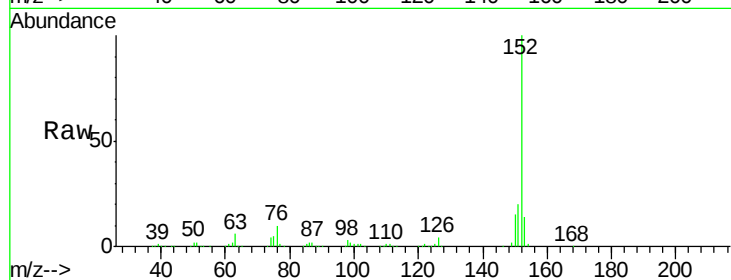
Tgt Ion:152 Resp: 515082

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

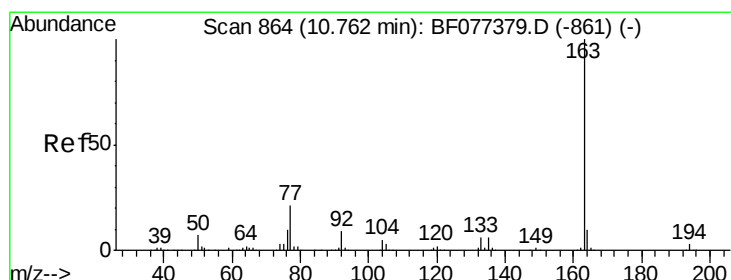
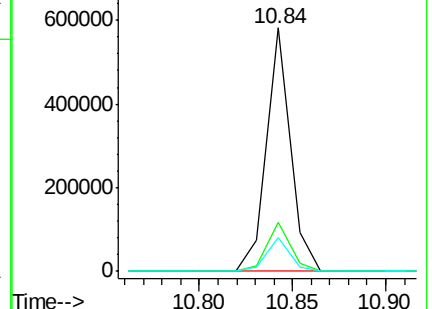
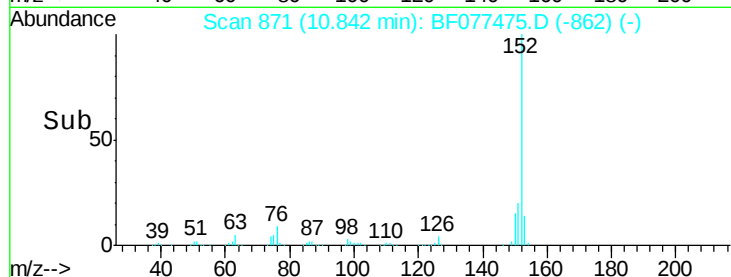
153 13.6 10.9 16.3



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: 54.42 ng

RT: 10.69 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

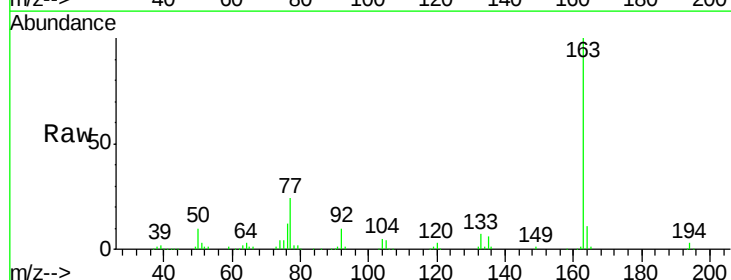
Tgt Ion:163 Resp: 408641

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

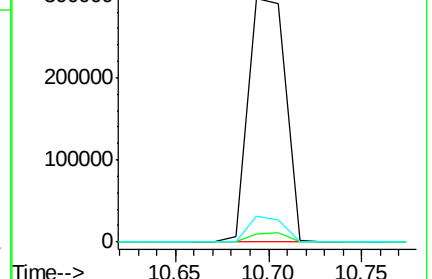
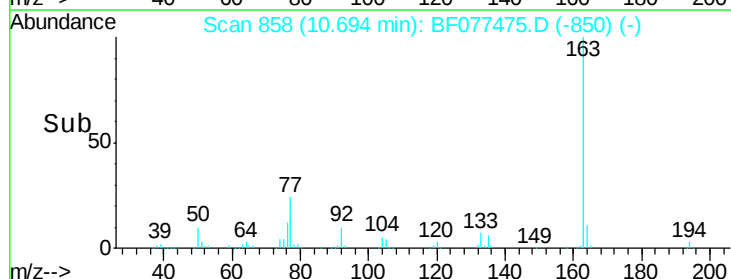
164 10.7 8.6 13.0

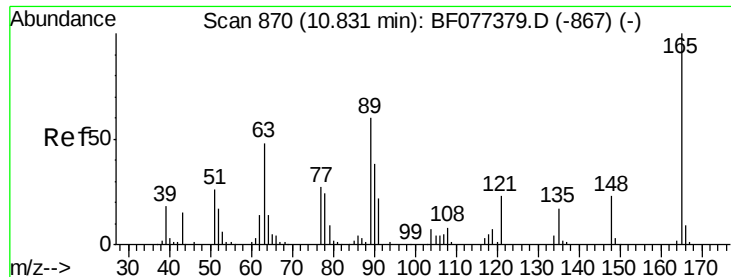


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

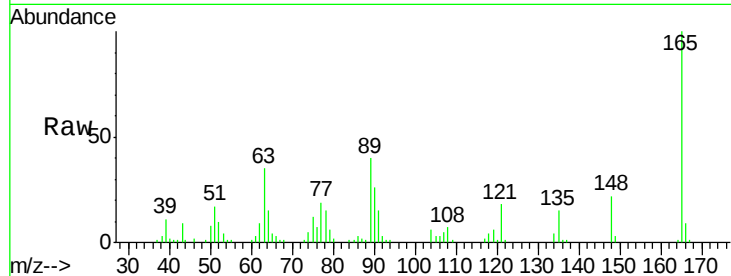




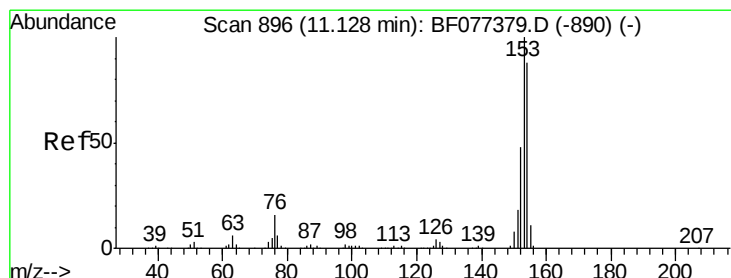
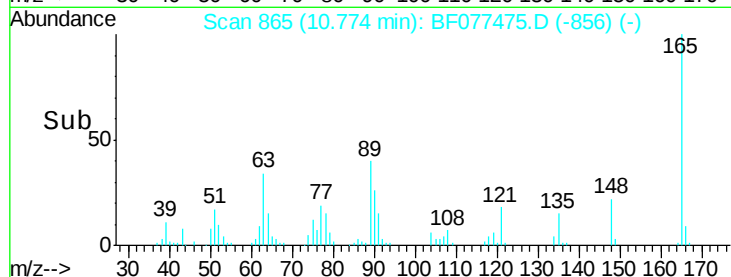
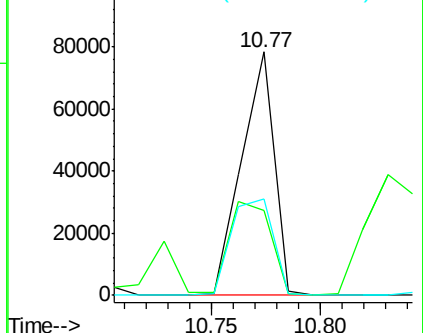
#50
2,6-Dinitrotoluene
Concen: 54.38 ng
RT: 10.77 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.0	25.2	37.8
89	39.6	30.5	45.7

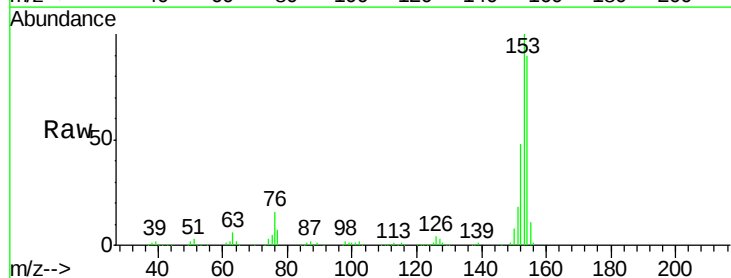


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

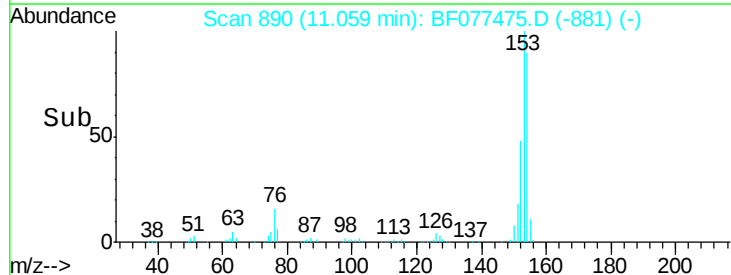
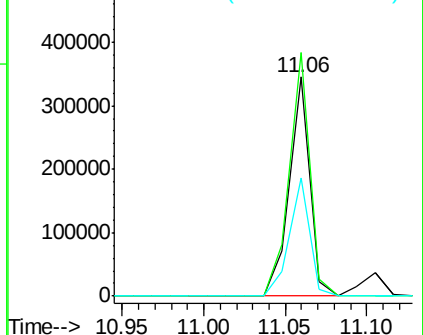


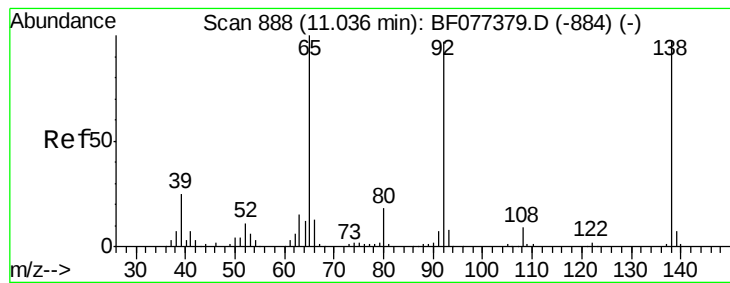
#51
Acenaphthene
Concen: 50.46 ng
RT: 11.06 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.5	135.7
152	53.8	43.5	65.3



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





#52

3-Nitroaniline

Concen: 37.50 ng

RT: 10.97 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

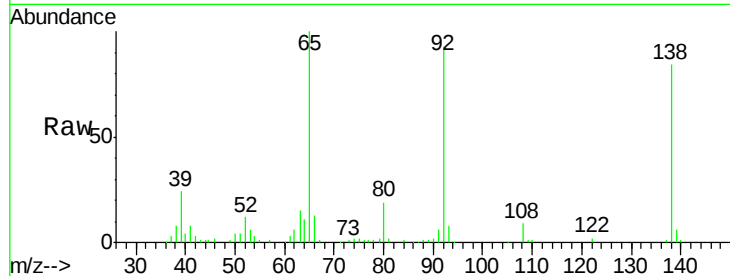
Tgt Ion:138 Resp: 65107

Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.8

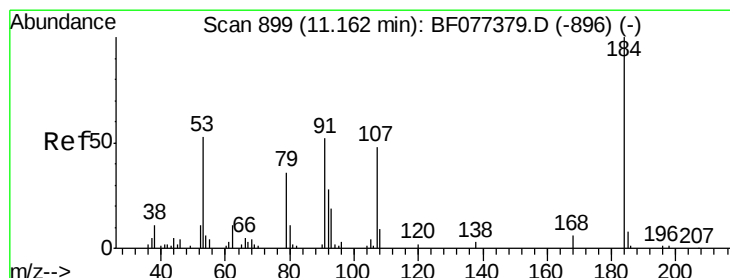
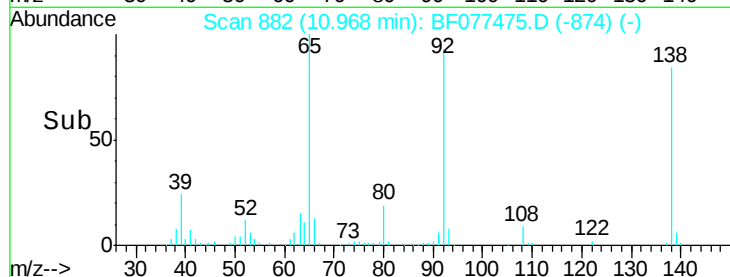
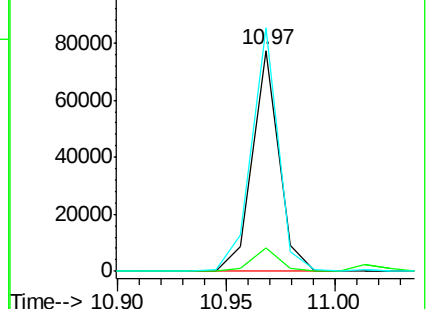
92 110.3 90.6 135.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 132.92 ng

RT: 11.11 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

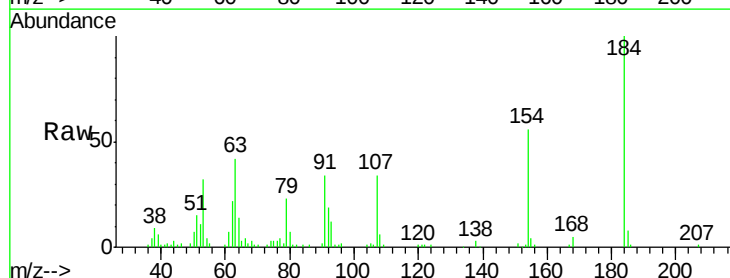
Tgt Ion:184 Resp: 60905

Ion Ratio Lower Upper

184 100

63 42.2 29.5 44.3

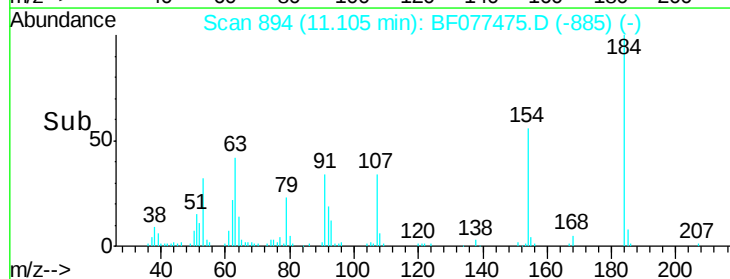
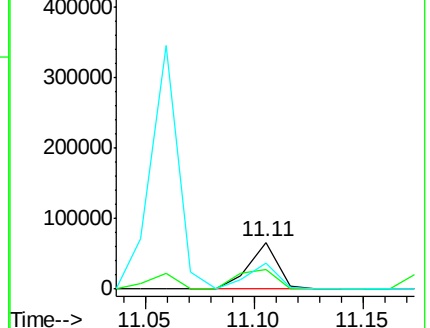
154 56.1 43.2 64.8

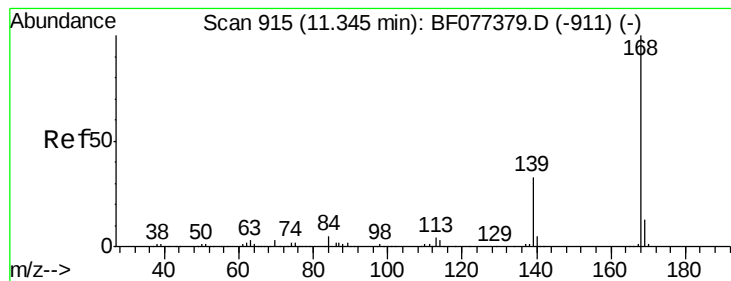


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 49.39 ng

RT: 11.28 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

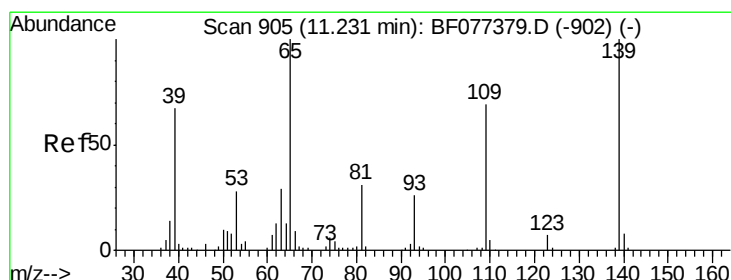
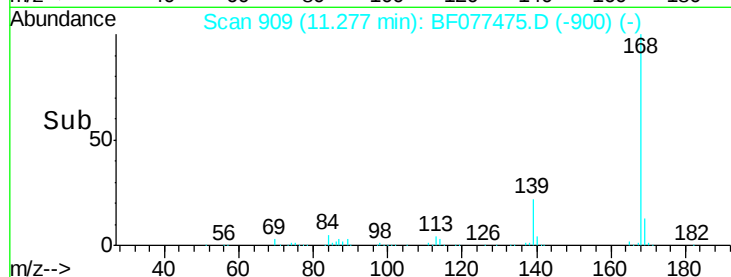
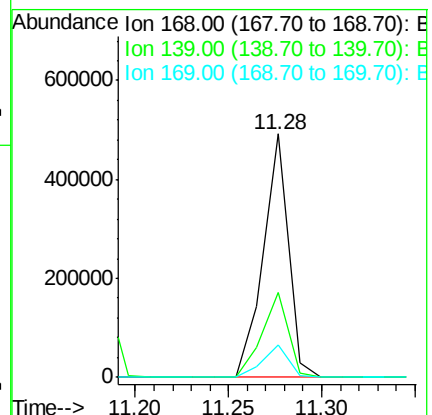
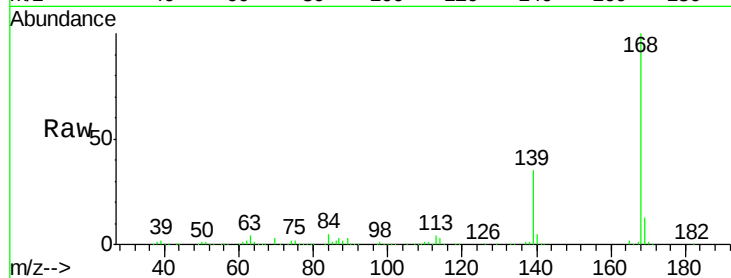
Tgt Ion:168 Resp: 457241

Ion Ratio Lower Upper

168 100

139 34.7 29.3 43.9

169 13.3 10.9 16.3



#55

4-Nitrophenol

Concen: 111.25 ng

RT: 11.19 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

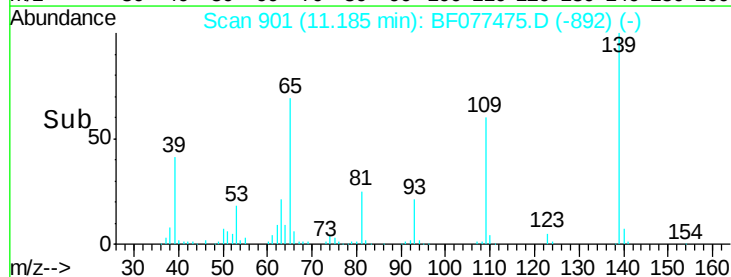
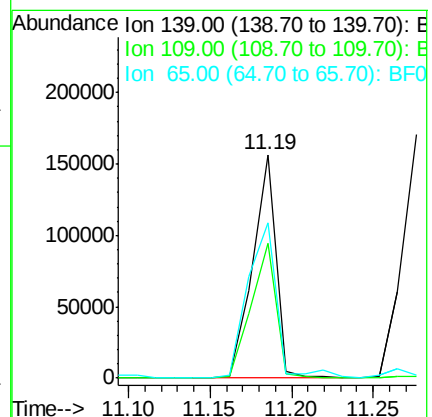
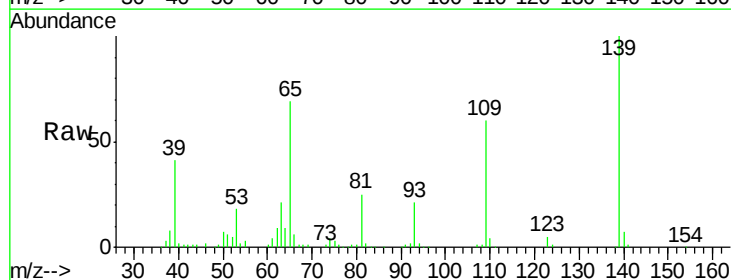
Tgt Ion:139 Resp: 155350

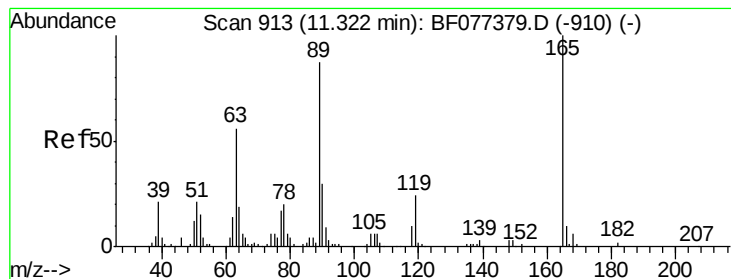
Ion Ratio Lower Upper

139 100

109 60.0 36.2 76.2

65 69.5 40.3 80.3





#56

2,4-Dinitrotoluene

Concen: 55.07 ng

RT: 11.27 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

Tgt Ion:165 Resp: 112056

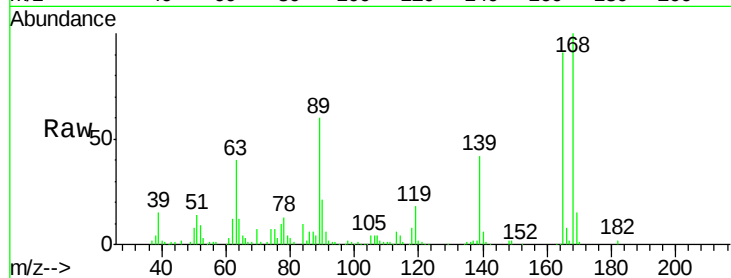
Ion Ratio Lower Upper

165 100

63 43.5 29.8 44.8

89 65.6 48.5 72.7

182 2.4 1.9 2.9

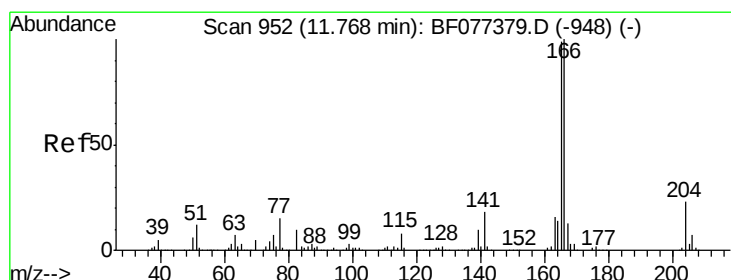
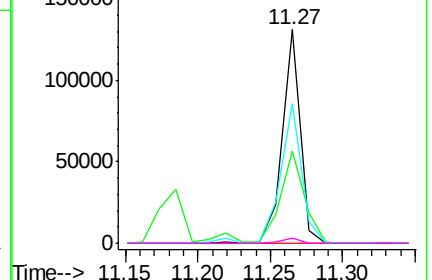
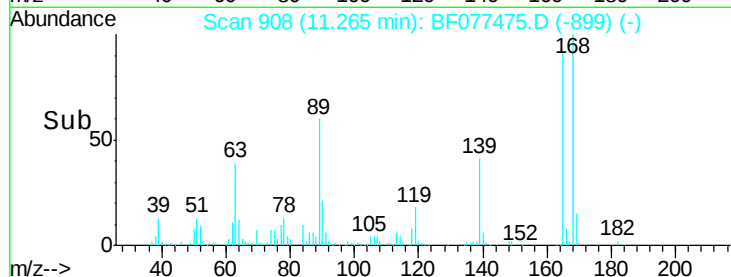


Abundance Ion 165.00 (164.70 to 165.70): E

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: 50.54 ng

RT: 11.70 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

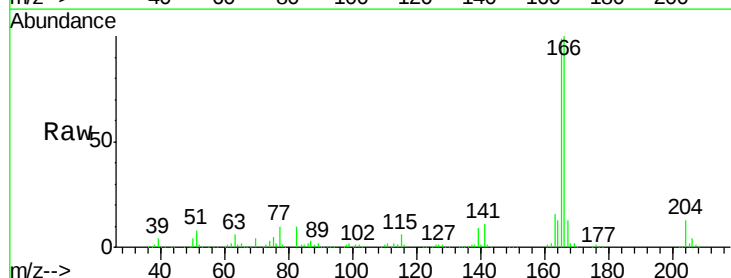
Tgt Ion:166 Resp: 374056

Ion Ratio Lower Upper

166 100

165 98.8 77.6 116.4

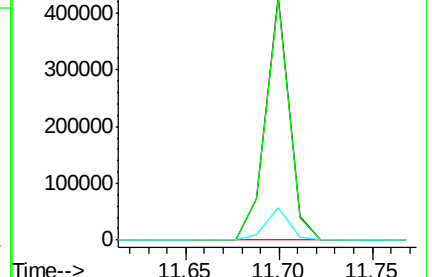
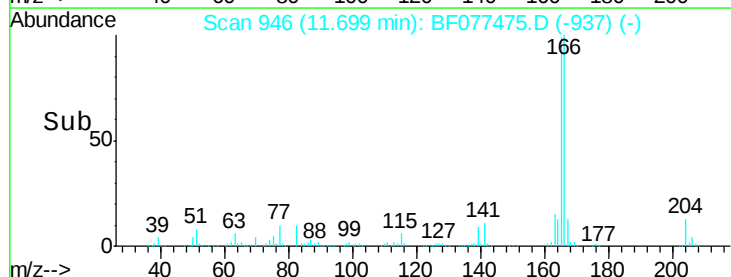
167 13.4 10.6 16.0

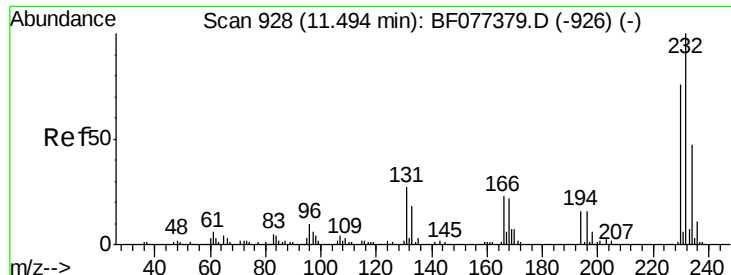


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

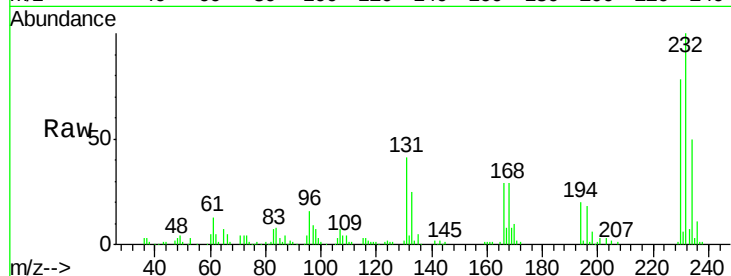




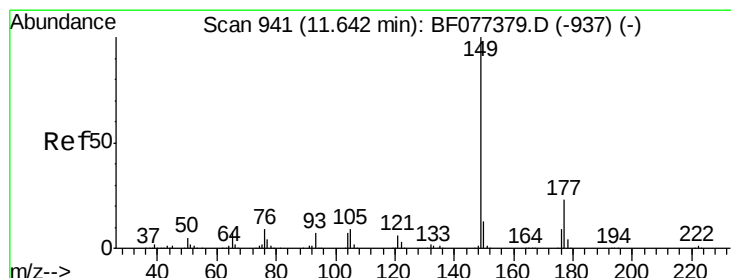
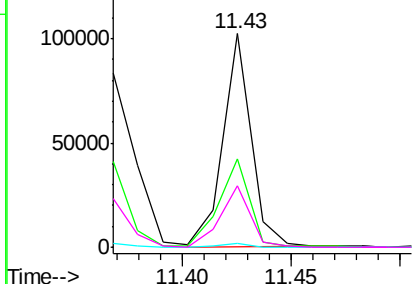
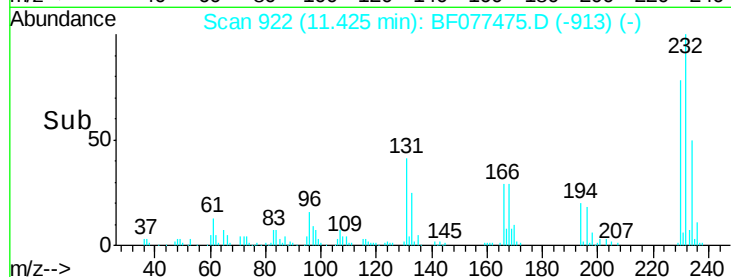
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.26 ng
 RT: 11.43 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515MSD

Tgt Ion:232 Resp: 91191
 Ion Ratio Lower Upper
 232 100
 131 45.1 34.2 51.2
 130 2.2 1.8 2.6
 166 31.2 24.3 36.5

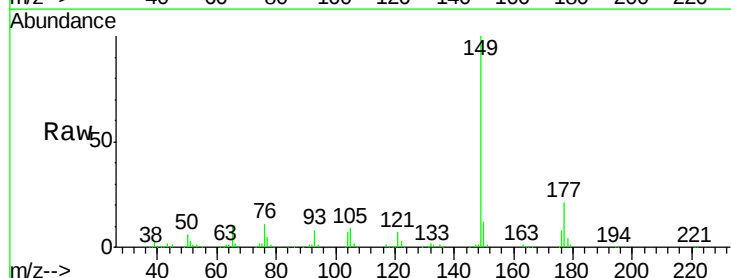


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

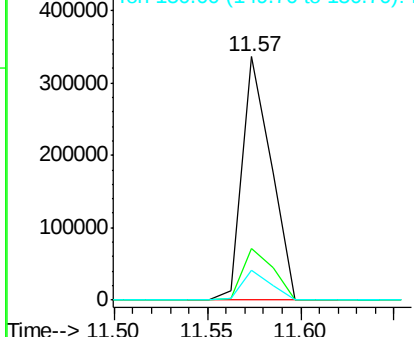
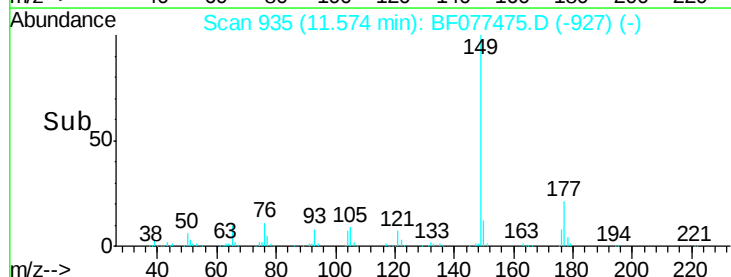


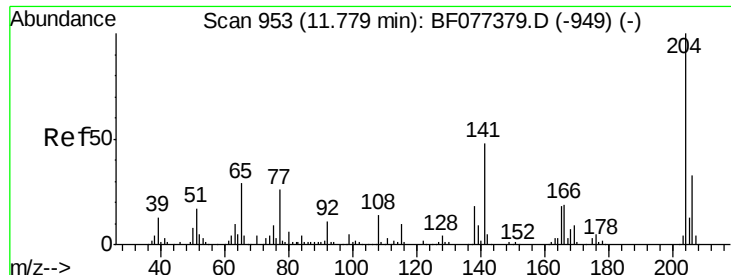
#59
 Diethylphthalate
 Concen: 48.70 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

Tgt Ion:149 Resp: 360485
 Ion Ratio Lower Upper
 149 100
 177 21.0 17.2 25.8
 150 12.4 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

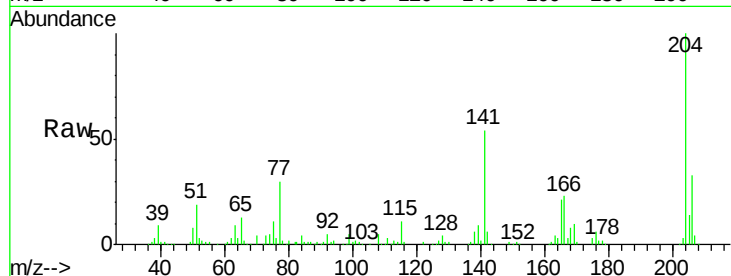




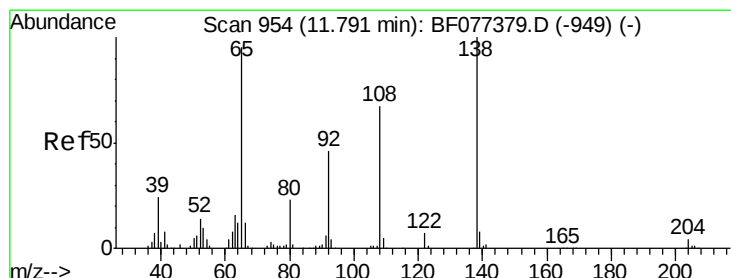
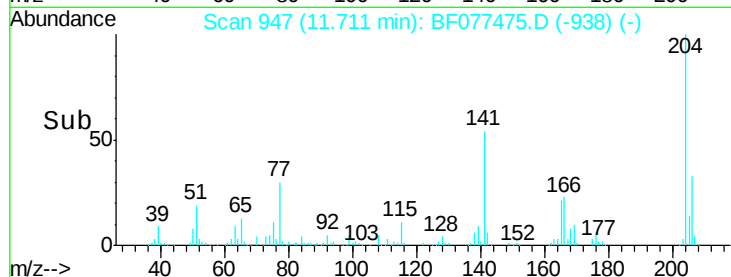
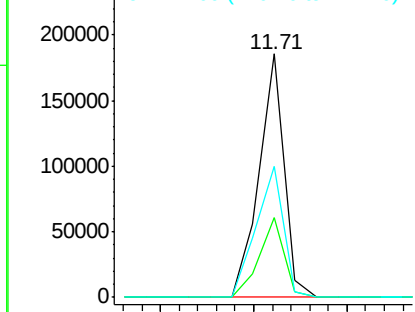
#60
 4-Chlorophenyl-phenylether
 Concen: 49.01 ng
 RT: 11.71 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515MSD

Tgt Ion: 204 Resp: 174765
 Ion Ratio Lower Upper
 204 100
 206 32.8 25.9 38.9
 141 53.6 43.6 65.4

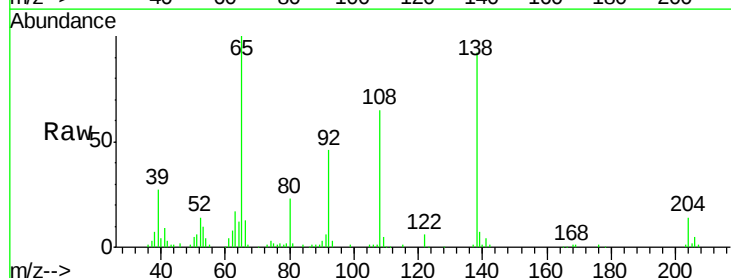


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

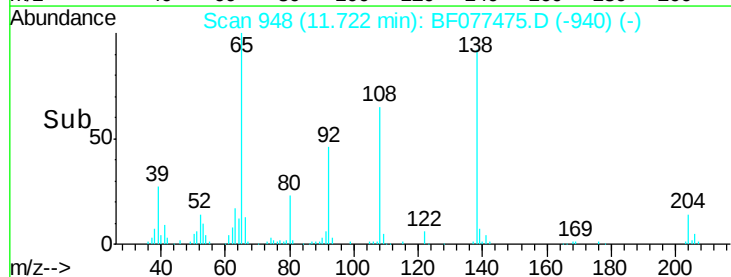
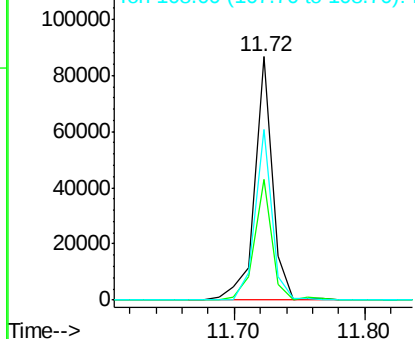


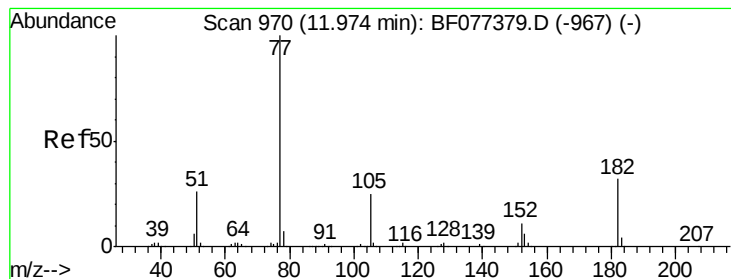
#61
 4-Nitroaniline
 Concen: 49.71 ng
 RT: 11.72 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

Tgt Ion: 138 Resp: 82725
 Ion Ratio Lower Upper
 138 100
 92 49.4 32.8 72.8
 108 70.2 52.1 92.1



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





#62

Azobenzene

Concen: 53.30 ng

RT: 11.91 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

Tgt Ion: 77 Resp: 374327

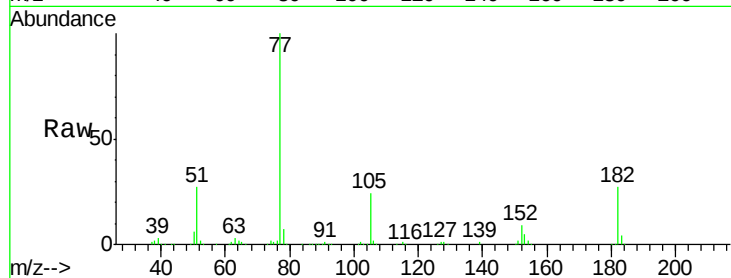
Ion Ratio Lower Upper

77 100

182 26.6 4.9 44.9

105 24.1 3.3 43.3

51 27.4 8.9 48.9

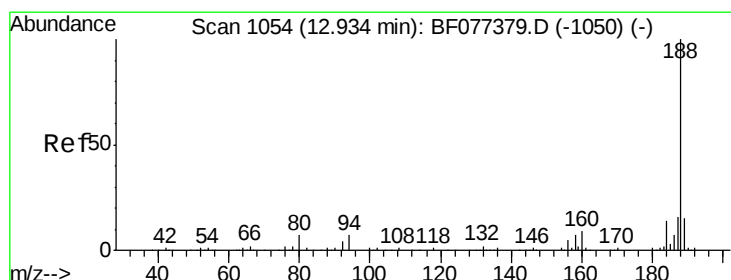
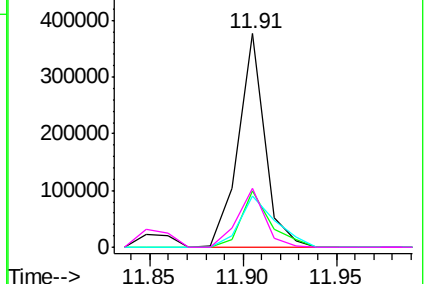
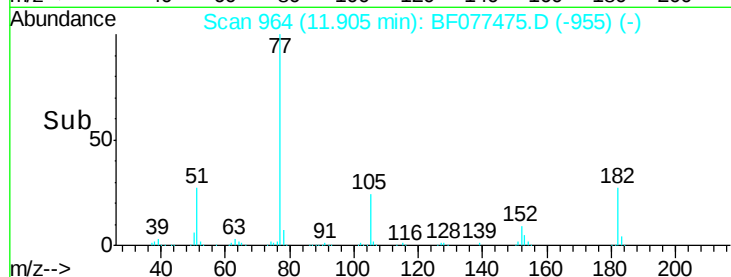


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF077475.D

Acq: 26 Feb 2015 20:00

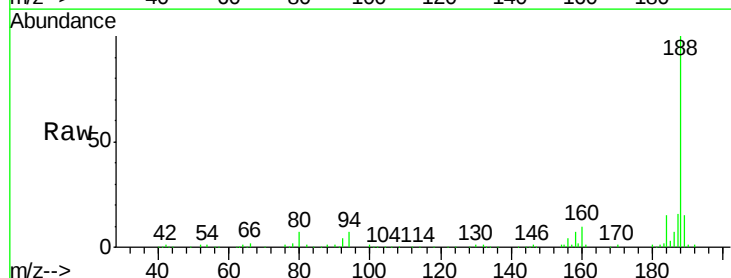
Tgt Ion: 188 Resp: 212252

Ion Ratio Lower Upper

188 100

94 6.9 7.4 11.2#

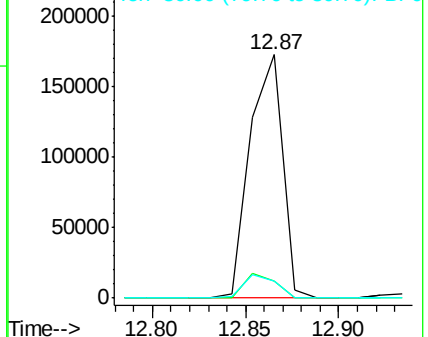
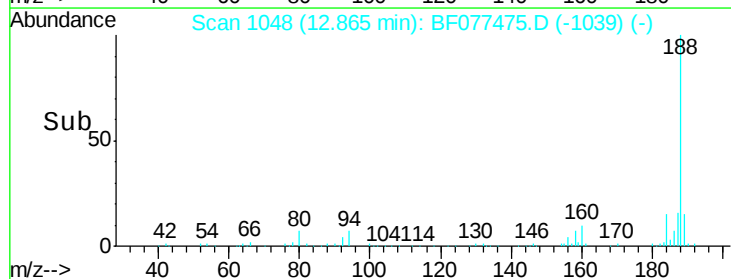
80 7.1 8.0 12.0#

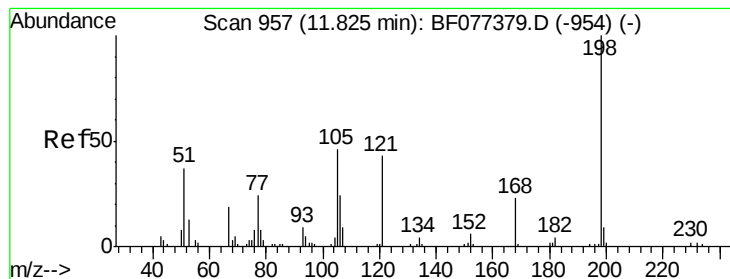


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 46.36 ng

RT: 11.77 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

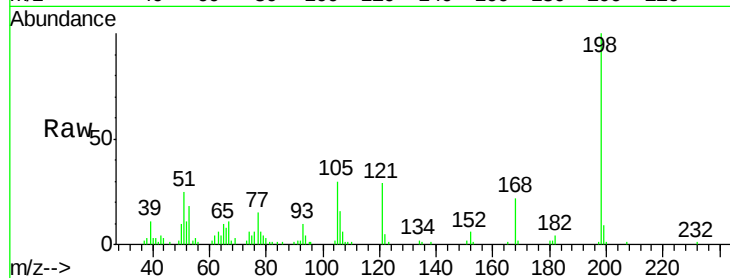
Tgt Ion:198 Resp: 39147

Ion Ratio Lower Upper

198 100

51 25.0 2.7 42.7

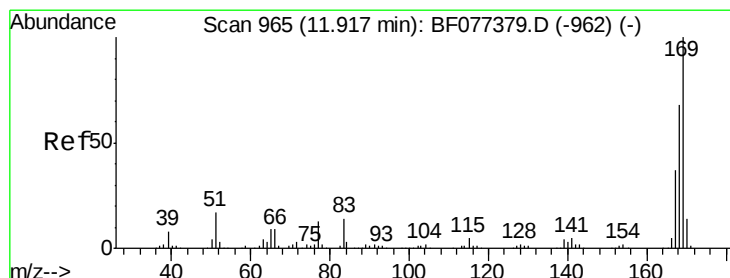
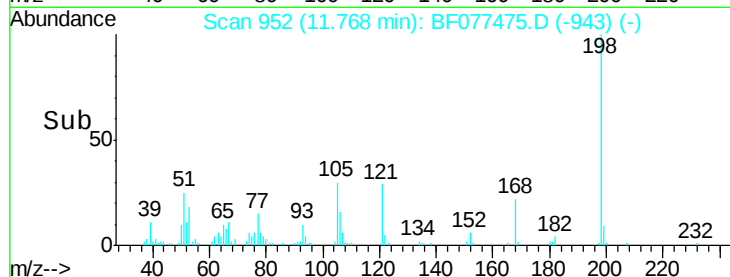
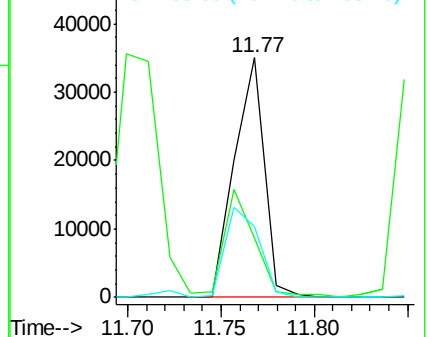
105 29.6 10.0 50.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 44.62 ng

RT: 11.86 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

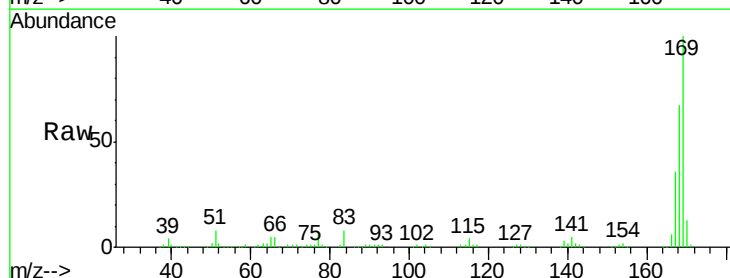
Tgt Ion:169 Resp: 314208

Ion Ratio Lower Upper

169 100

168 67.4 53.0 79.6

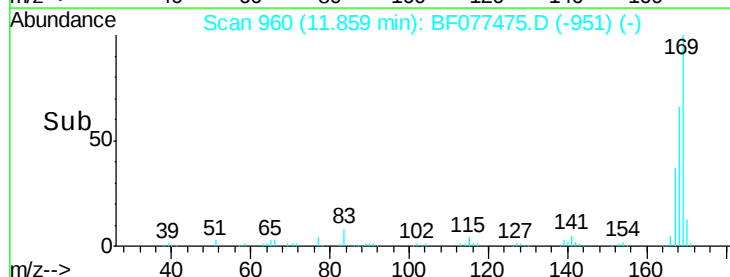
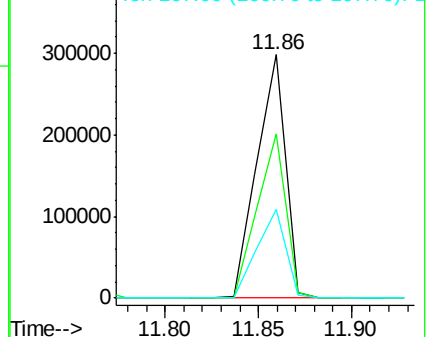
167 36.5 29.5 44.3

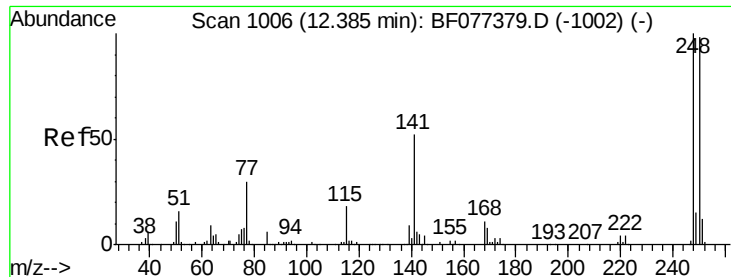


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

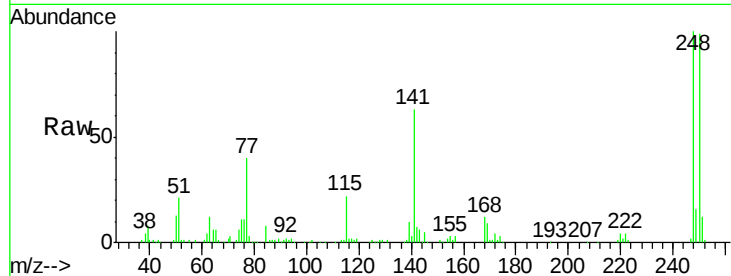




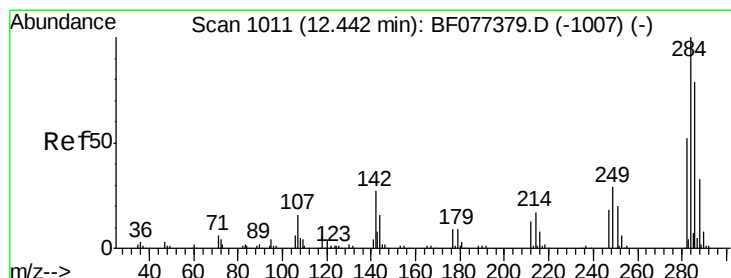
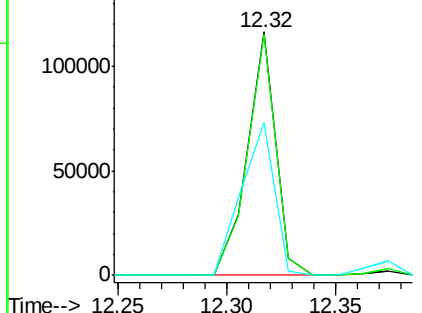
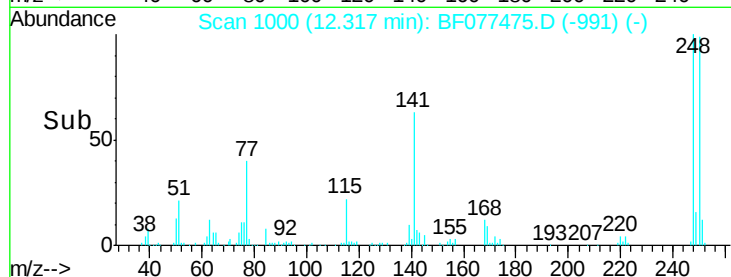
#66
4-Bromophenyl-phenylether
Concen: 42.34 ng
RT: 12.32 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

Tgt Ion:248 Resp: 105237
Ion Ratio Lower Upper
248 100
250 99.2 78.0 117.0
141 62.8 54.1 81.1

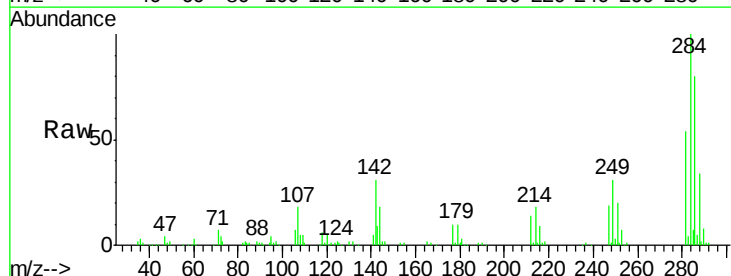


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

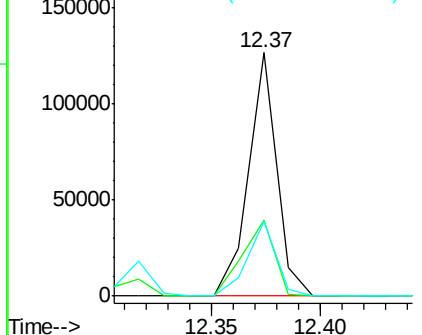
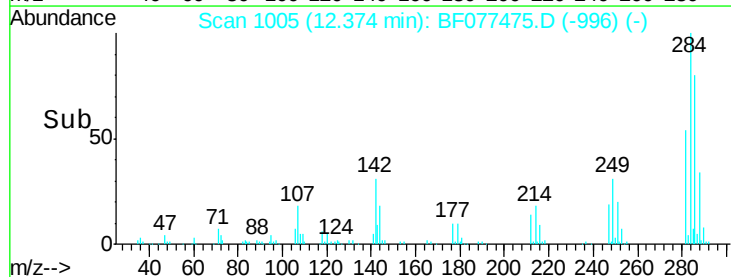


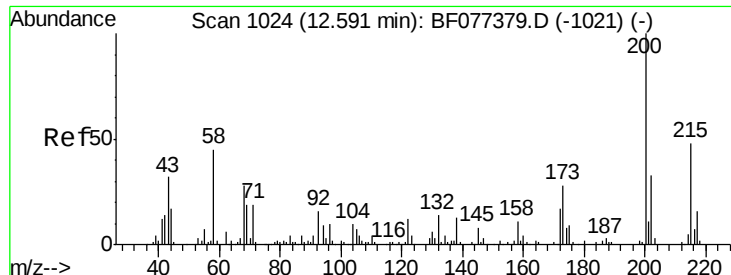
#67
Hexachlorobenzene
Concen: 42.69 ng
RT: 12.37 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:284 Resp: 113882
Ion Ratio Lower Upper
284 100
142 31.2 31.6 47.4#
249 30.7 27.0 40.4



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

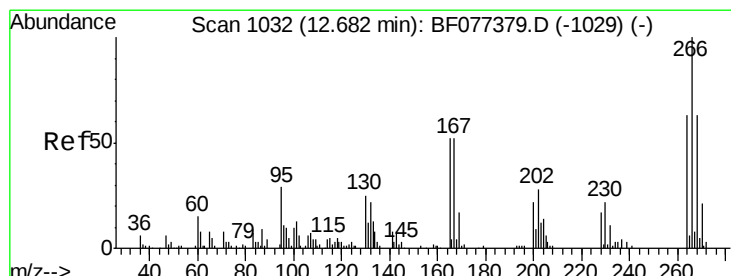
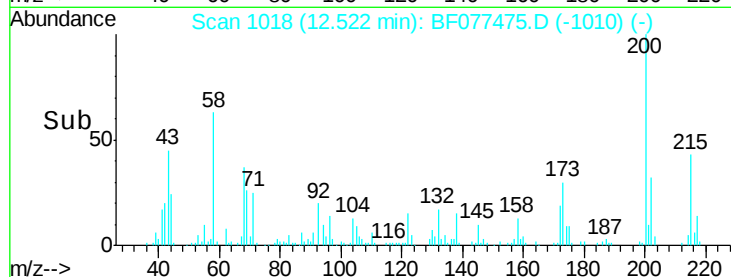
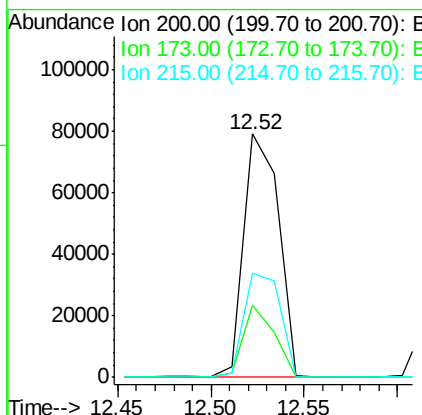
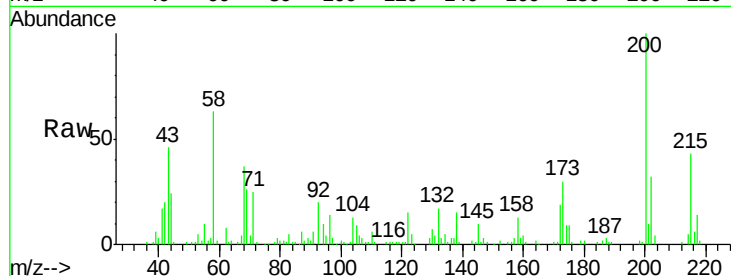




#68
 Atrazine
 Concen: 44.71 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

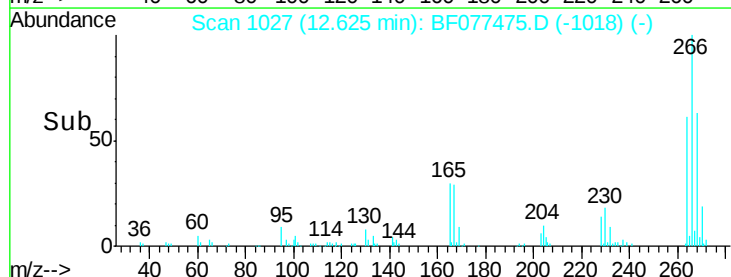
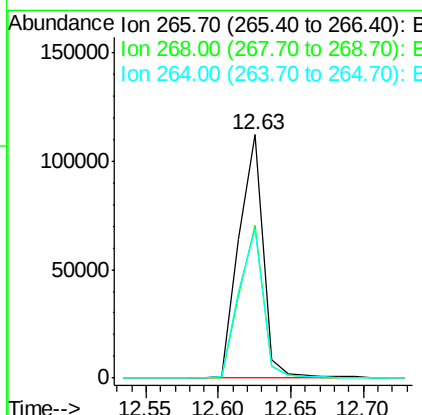
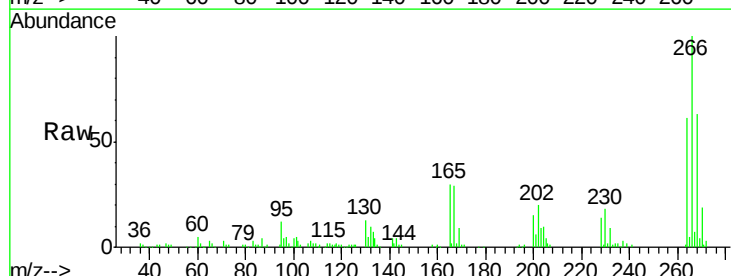
Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515MSD

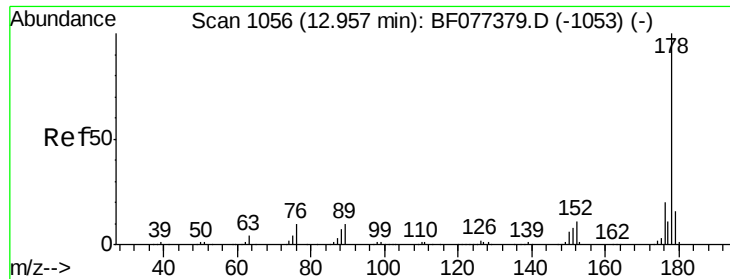
Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.6	9.6	49.6
215	42.6	24.4	64.4



#69
 Pentachlorophenol
 Concen: 92.99 ng
 RT: 12.63 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.2	76.8
264	61.1	50.7	76.1

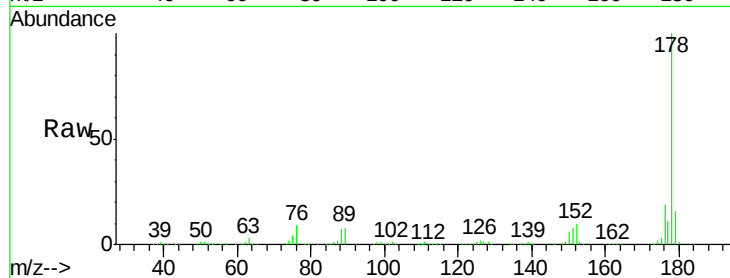




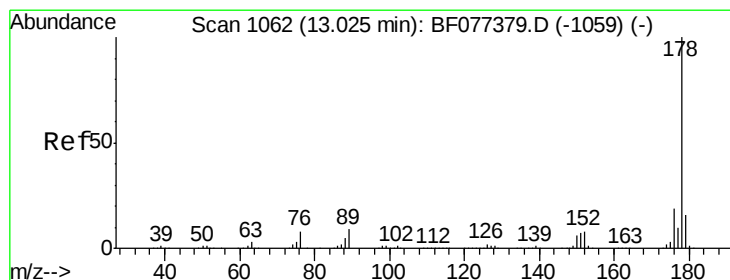
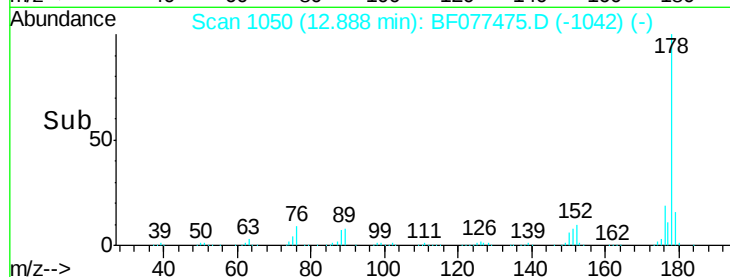
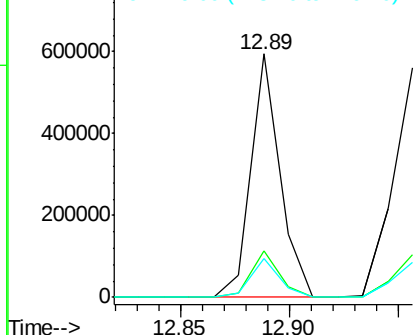
#70
Phenanthrene
Concen: 45.00 ng
RT: 12.89 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

Tgt Ion:178 Resp: 553625
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.9 12.2 18.2

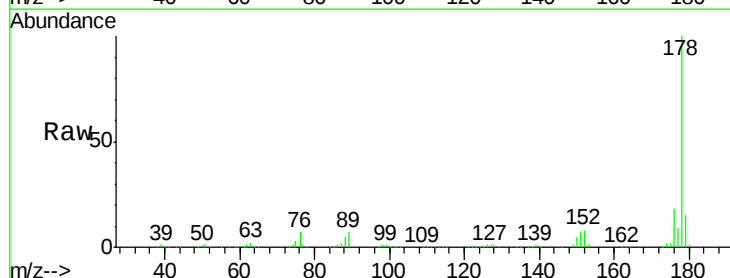


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

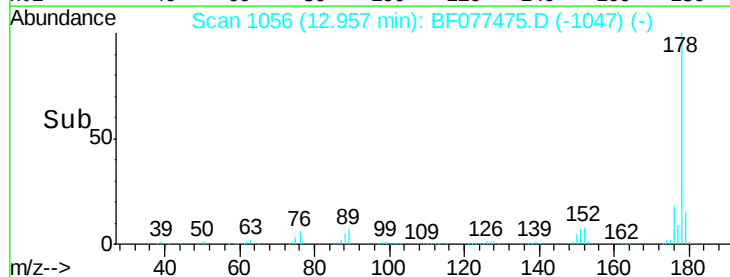
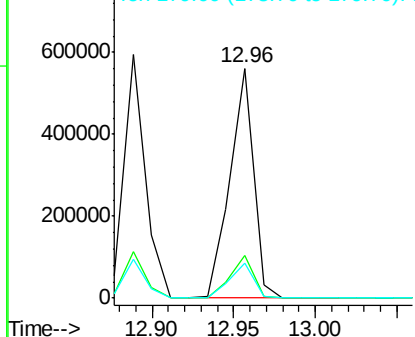


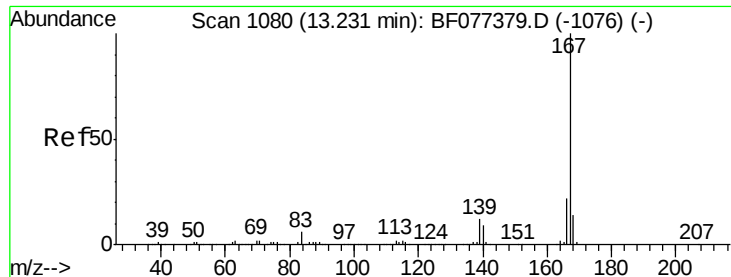
#71
Anthracene
Concen: 45.61 ng
RT: 12.96 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:178 Resp: 556863
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 15.0 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

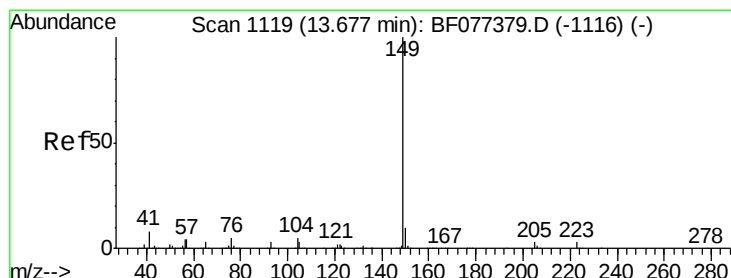
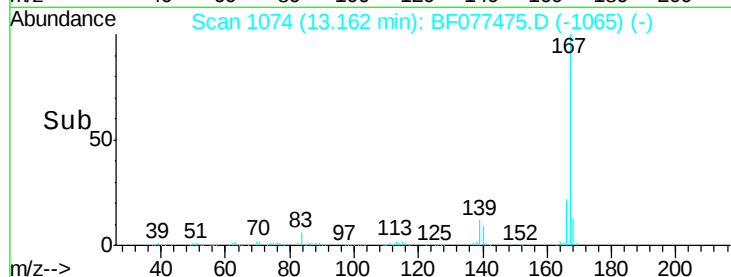
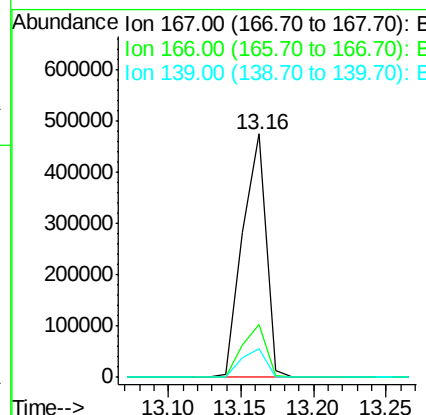
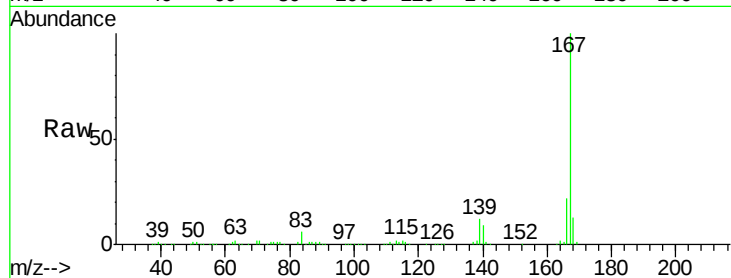




#72
 Carbazole
 Concen: 46.06 ng
 RT: 13.16 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

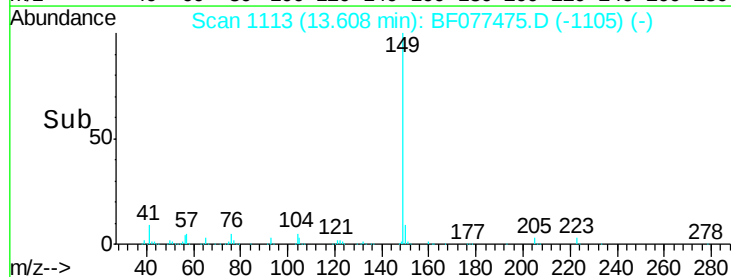
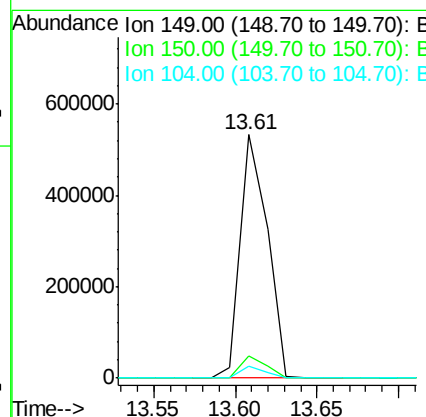
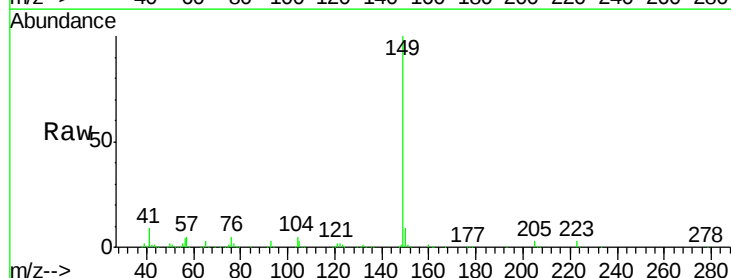
Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515MSD

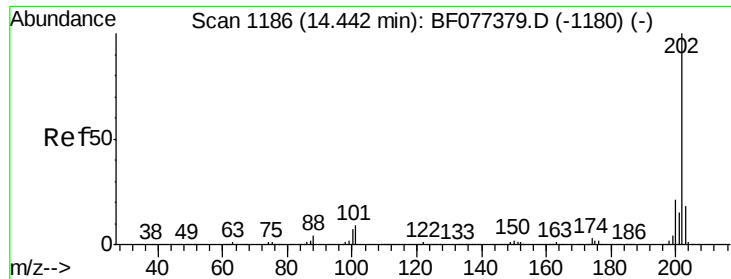
Tgt Ion:167 Resp: 534693
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 11.7 9.9 14.9



#73
 Di-n-butylphthalate
 Concen: 44.57 ng
 RT: 13.61 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

Tgt Ion:149 Resp: 607554
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.8
 104 5.2 4.1 6.1

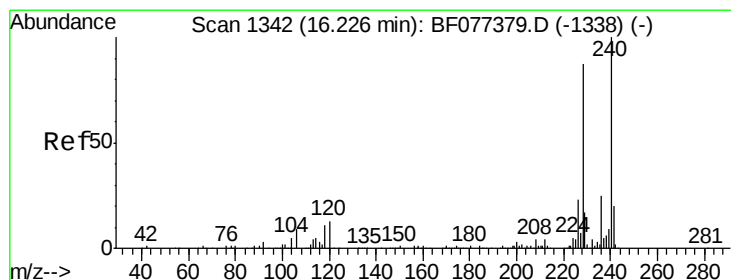
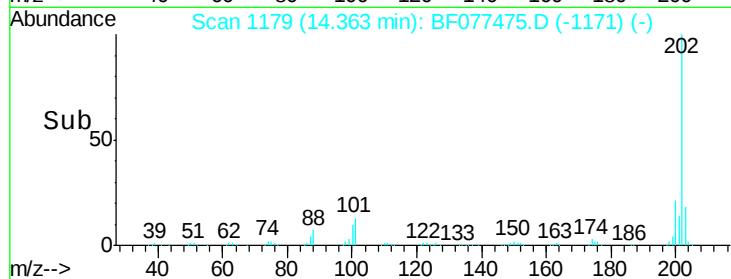
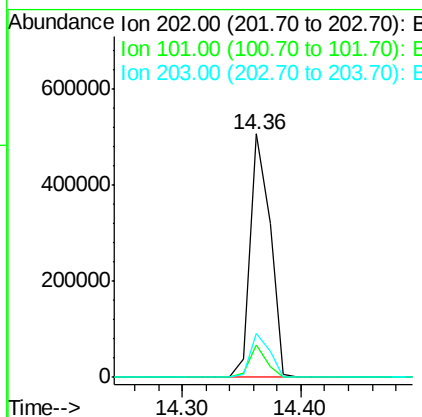
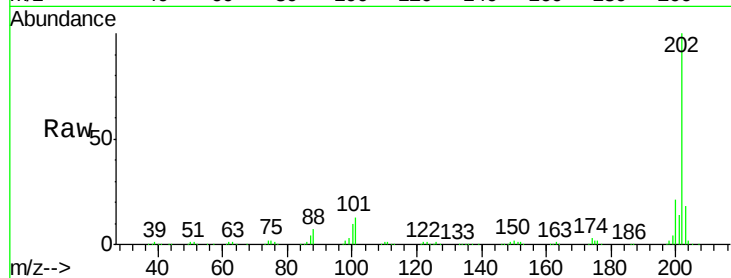




#74
 Fluoranthene
 Concen: 44.57 ng
 RT: 14.36 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

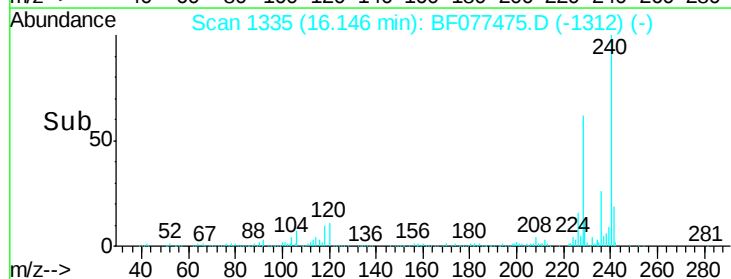
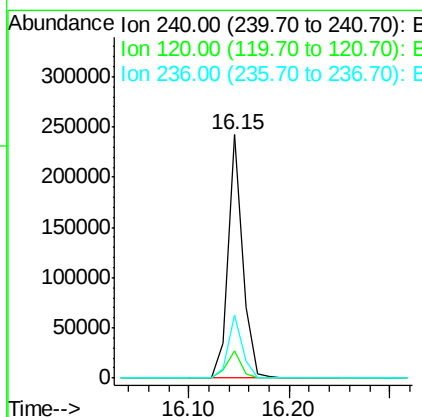
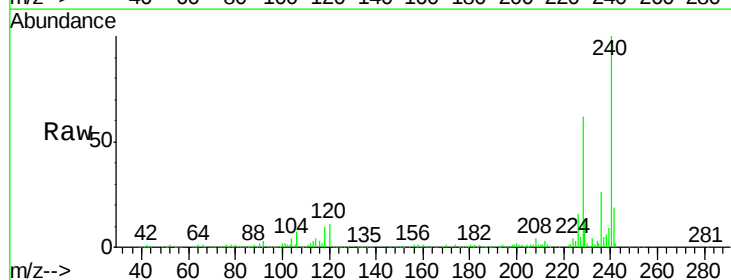
Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515MSD

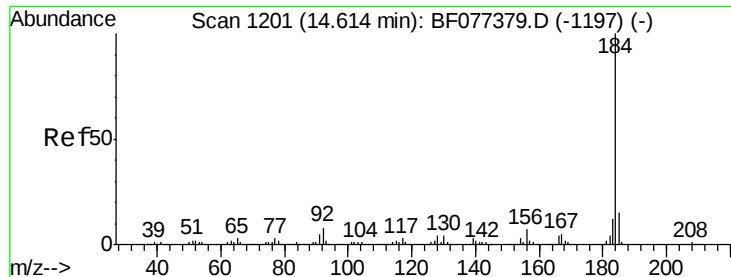
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	30.8
203	18.2	0.0	37.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.15 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.8	13.2
236	25.7	20.7	31.1

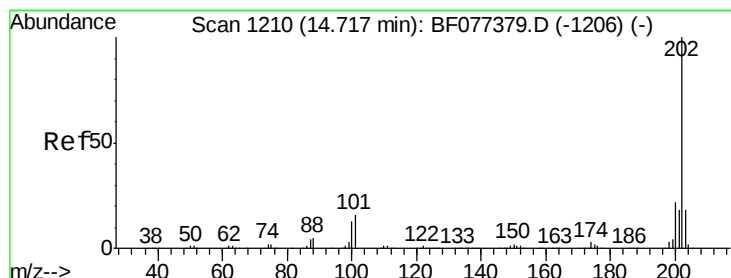
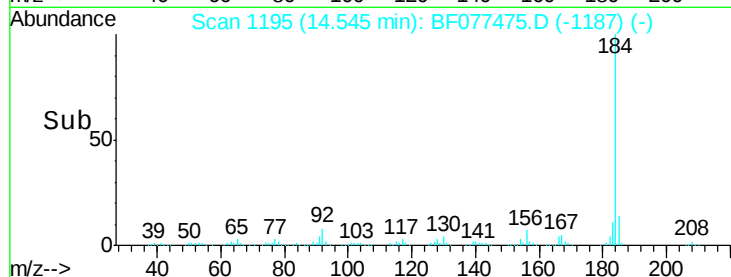
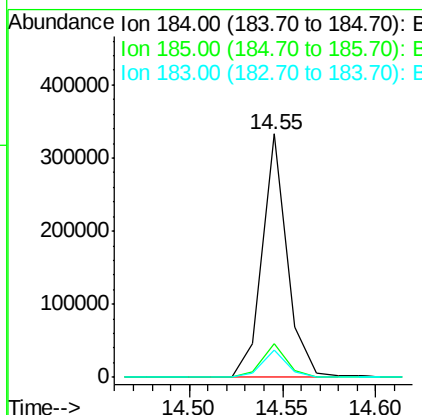
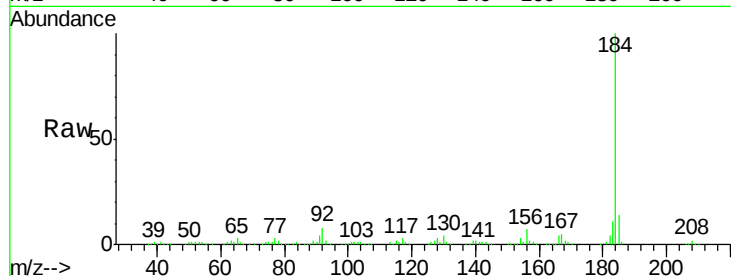




#76
Benzidine
Concen: 38.06 ng
RT: 14.55 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

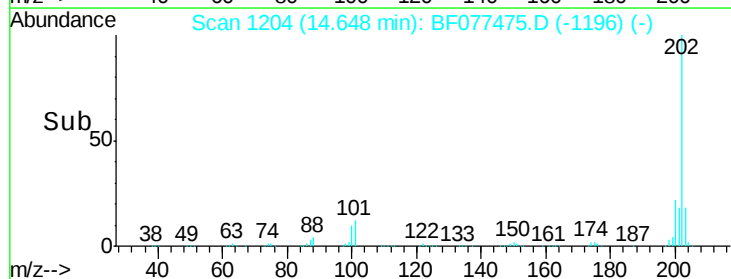
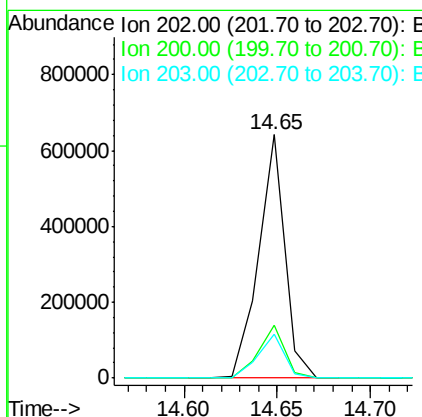
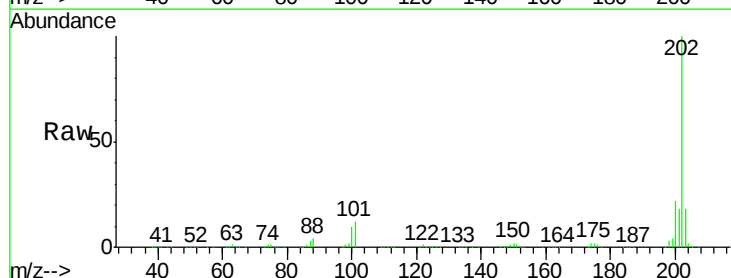
Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

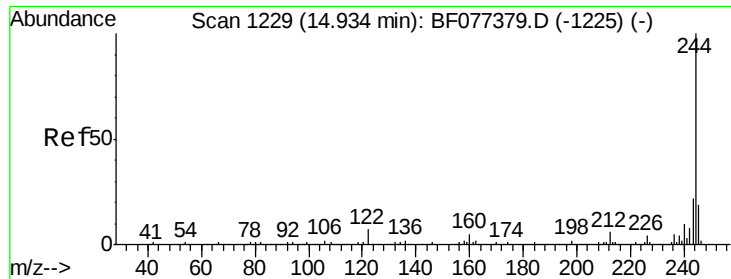
Tgt Ion:184 Resp: 312029
Ion Ratio Lower Upper
184 100
185 14.1 12.6 18.8
183 11.2 9.3 13.9



#77
Pyrene
Concen: 42.64 ng
RT: 14.65 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:202 Resp: 632960
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 18.2 14.2 21.2

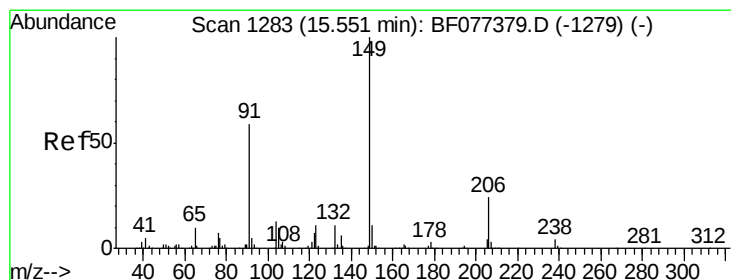
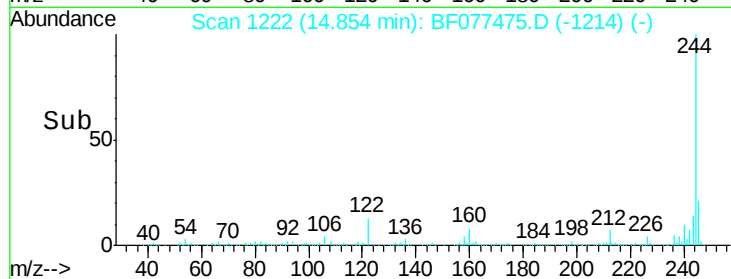
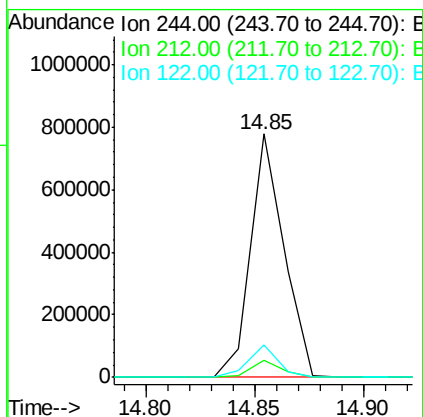
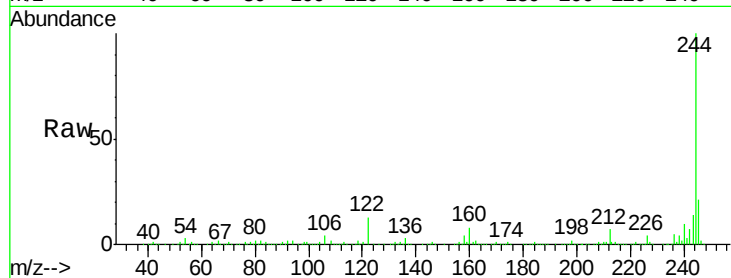




#78
 Terphenyl-d14
 Concen: 80.10 ng
 RT: 14.85 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

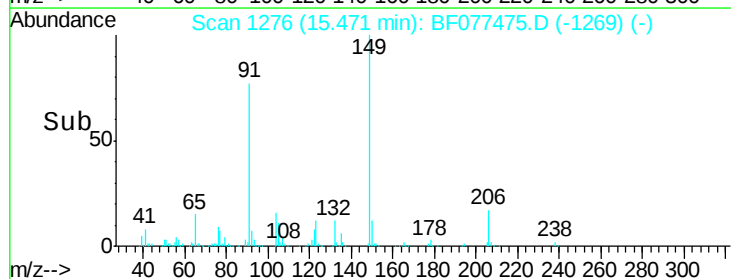
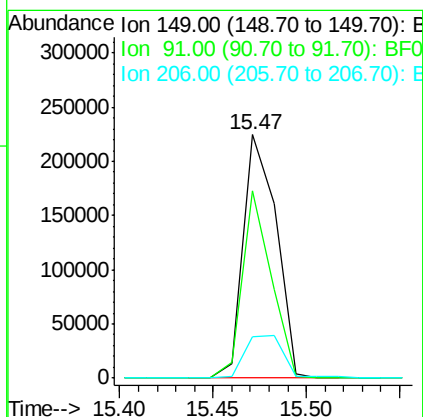
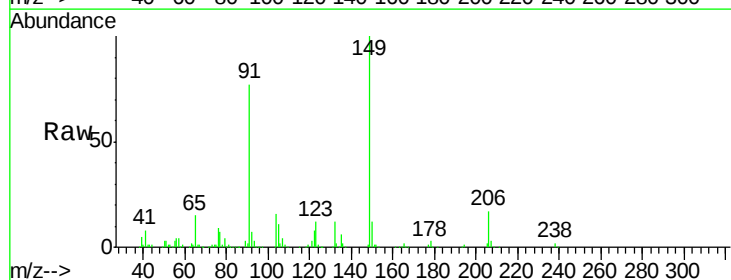
Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515MSD

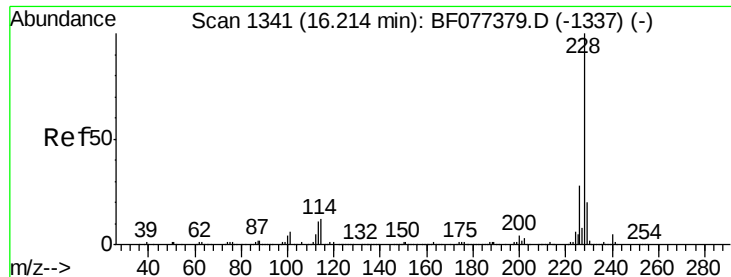
Tgt Ion: 244 Resp: 831436
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.2 7.8
 122 13.3 7.8 11.8#



#79
 Butylbenzylphthalate
 Concen: 45.31 ng
 RT: 15.47 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF077475.D
 Acq: 26 Feb 2015 20:00

Tgt Ion: 149 Resp: 276696
 Ion Ratio Lower Upper
 149 100
 91 76.8 51.2 76.8#
 206 17.2 17.8 26.8#





#80

Benzo(a)anthracene

Concen: 42.89 ng

RT: 16.13 min Scan# 1334

Delta R.T. -0.03 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

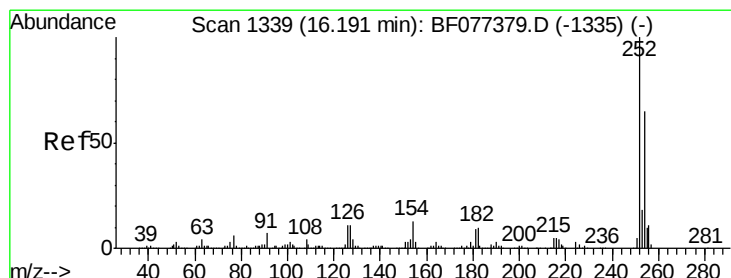
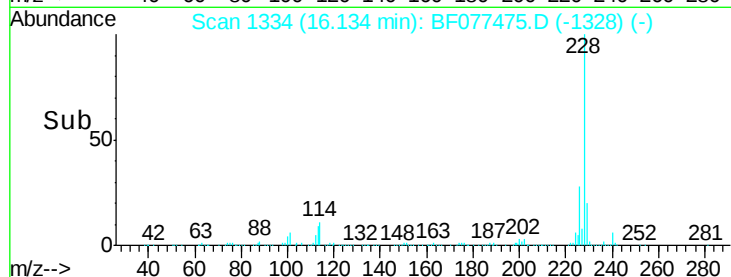
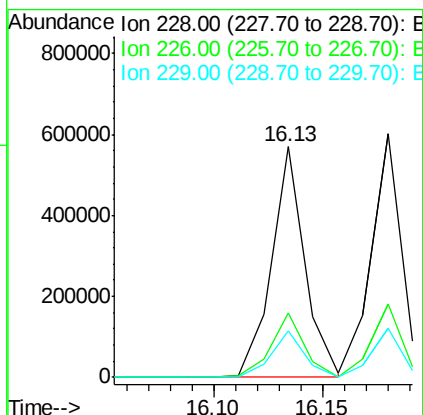
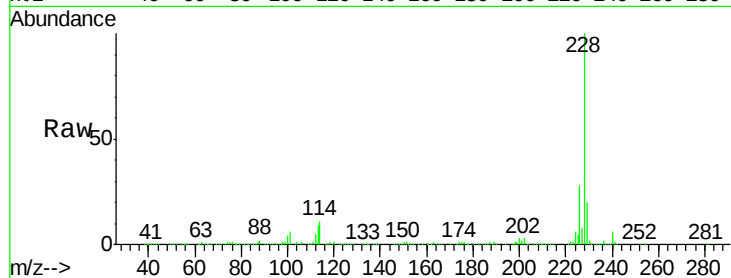
Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD

Tgt Ion:	228	Resp:	609999
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	20.3	15.8	23.8



#81

3,3'-Dichlorobenzidine

Concen: 28.93 ng

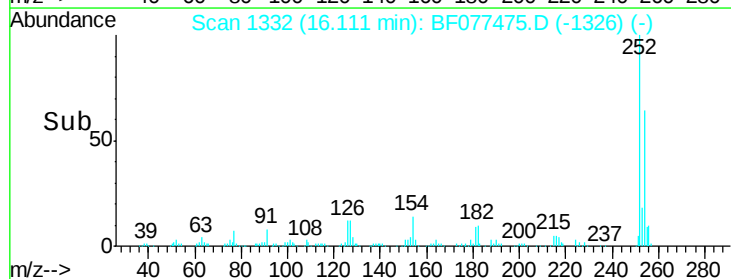
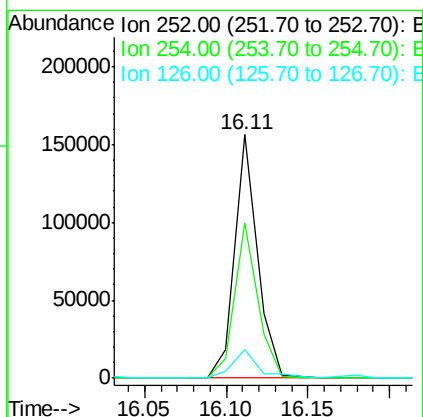
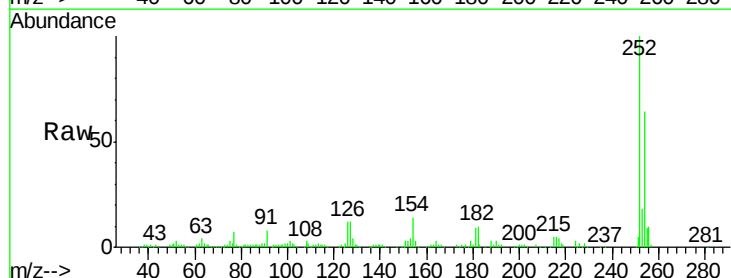
RT: 16.11 min Scan# 1332

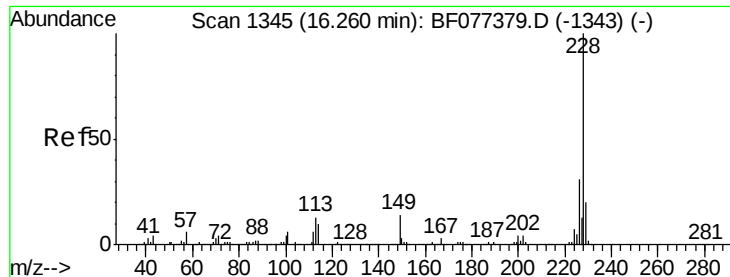
Delta R.T. -0.03 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Tgt Ion:	252	Resp:	150763
Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.9	79.3
126	11.9	7.3	10.9#





#82

Chrysene

Concen: 43.63 ng

RT: 16.18 min Scan# 1338

Delta R.T. -0.03 min

Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Instrument :

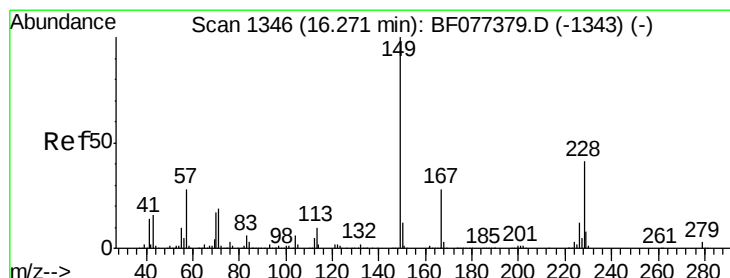
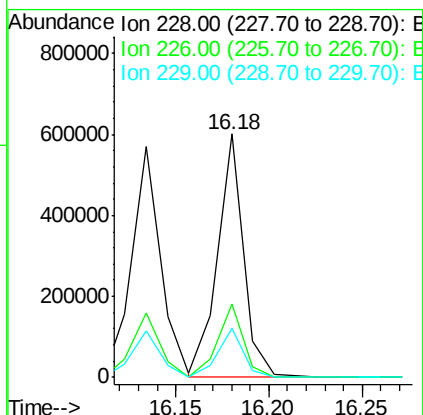
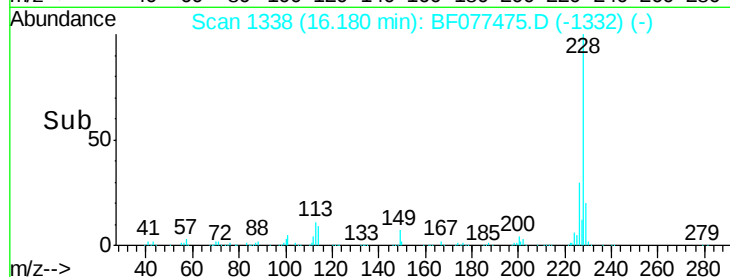
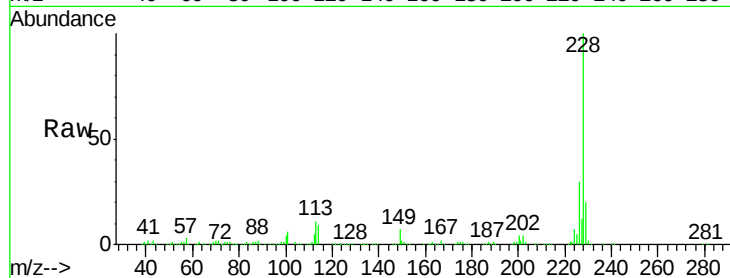
BNA_F

ClientSampleId :

41A-NW-022515MSD

Tgt Ion:228 Resp: 582647

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.2	16.4	24.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 41.95 ng

RT: 16.19 min Scan# 1339

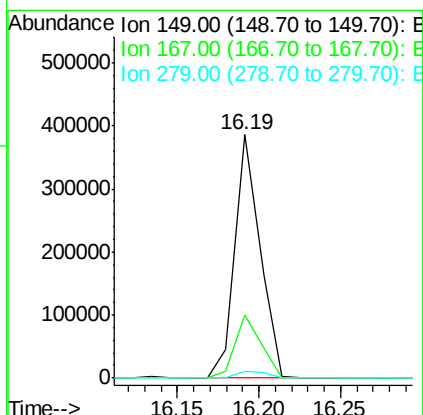
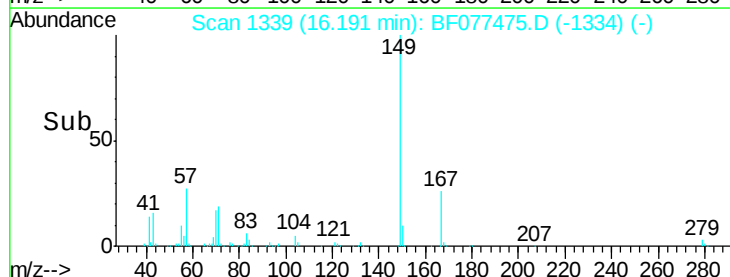
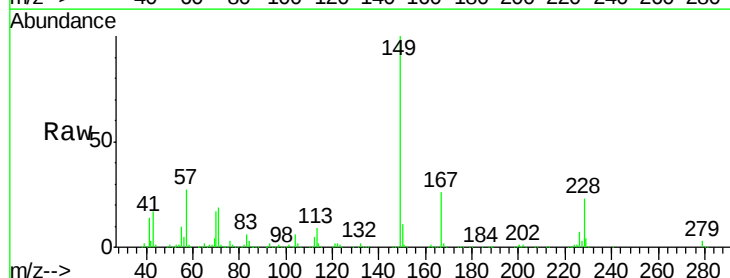
Delta R.T. -0.05 min

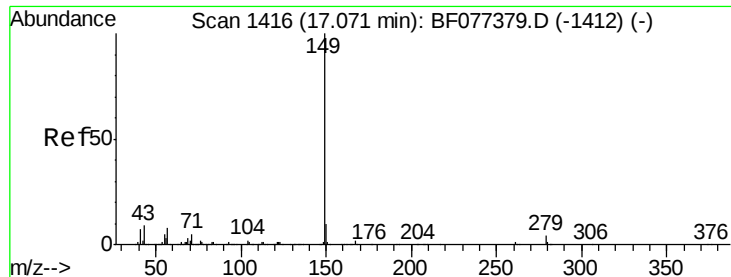
Lab File: BF077475.D

Acq: 26 Feb 2015 20:00

Tgt Ion:149 Resp: 410871

Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.8	34.2
279	2.6	3.8	5.6#

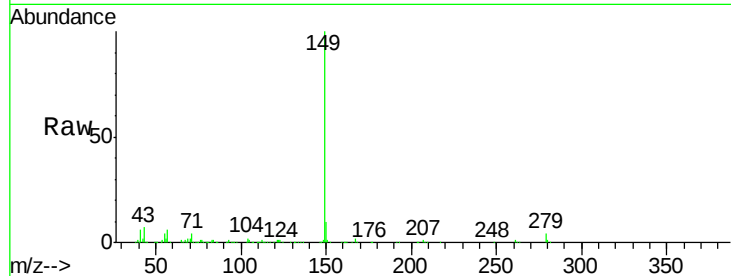




#84
Di-n-octyl phthalate
Concen: 43.95 ng
RT: 16.98 min Scan# 1408
Delta R.T. -0.09 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

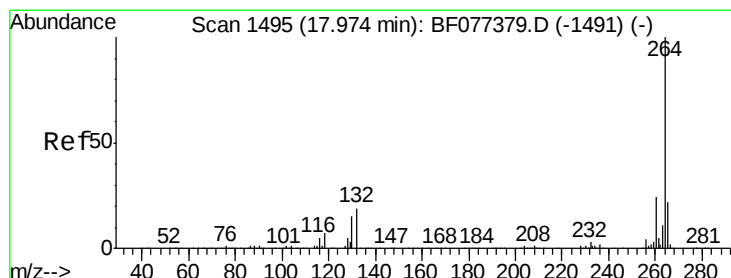
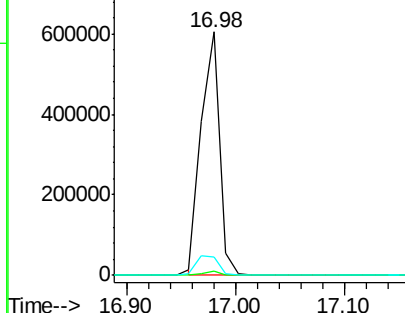
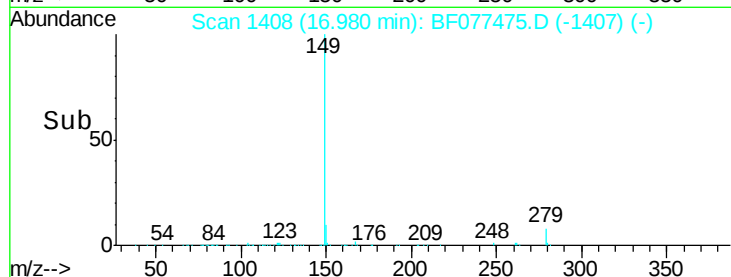
Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	8.1	12.1



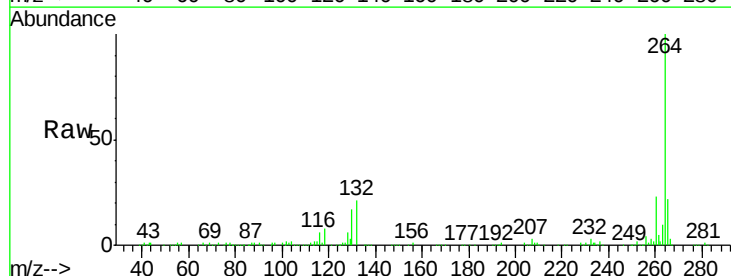
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

16.98



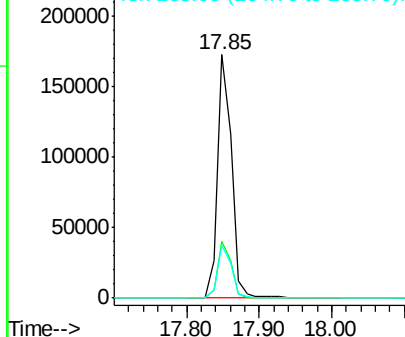
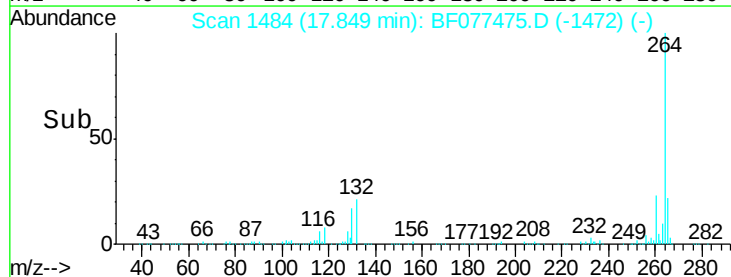
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.85 min Scan# 1484
Delta R.T. -0.16 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

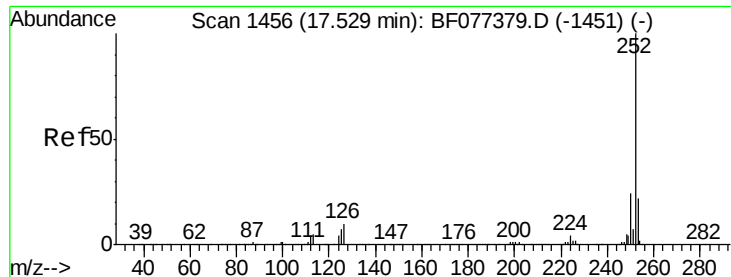
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	21.5	16.8	25.2



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

17.85

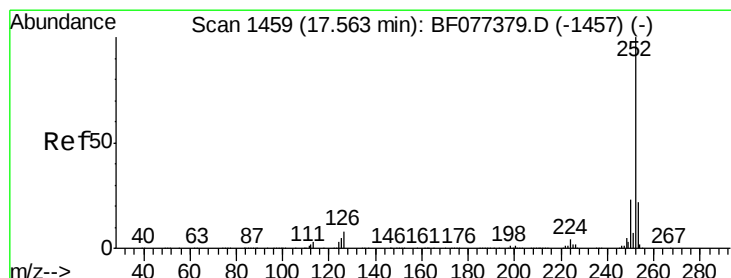
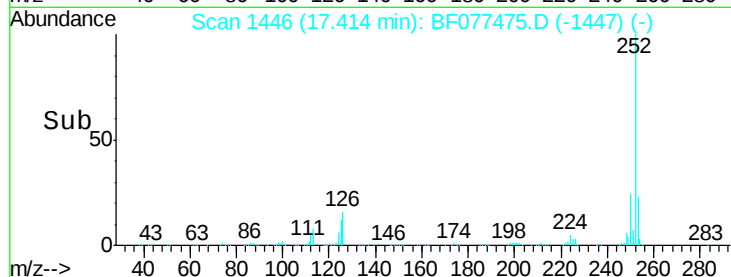
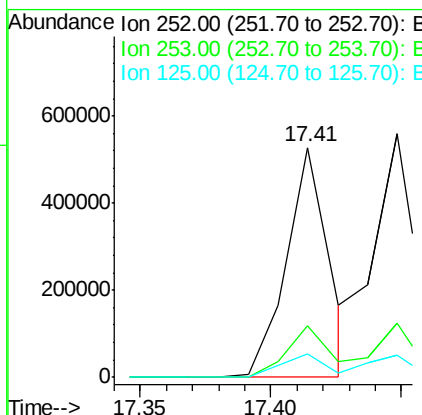
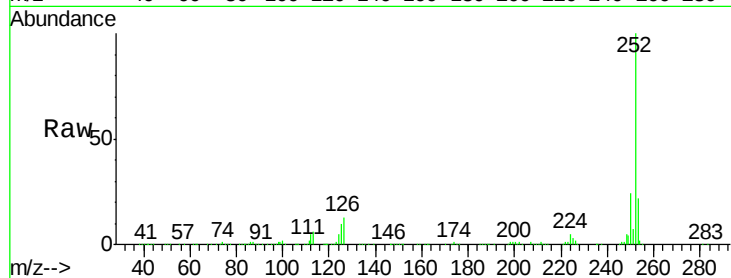




#87
Benzo(b)fluoranthene
Concen: 44.30 ng
RT: 17.41 min Scan# 1446
Delta R.T. -0.11 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

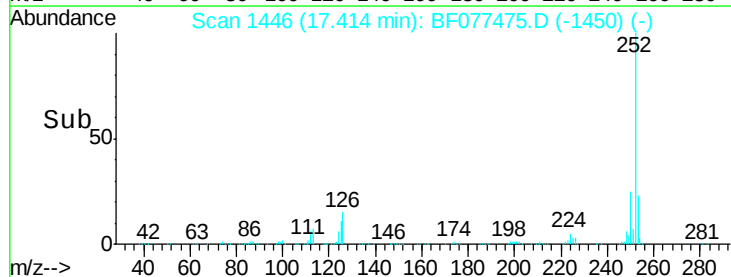
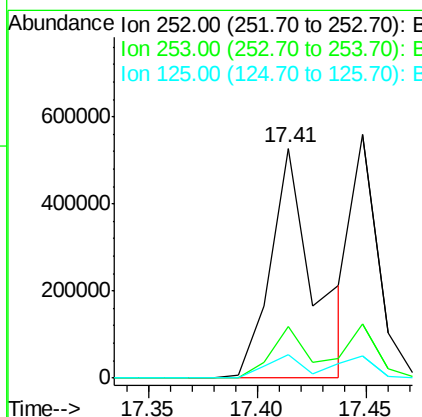
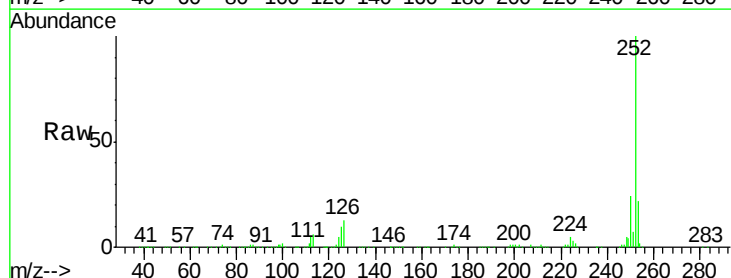
Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

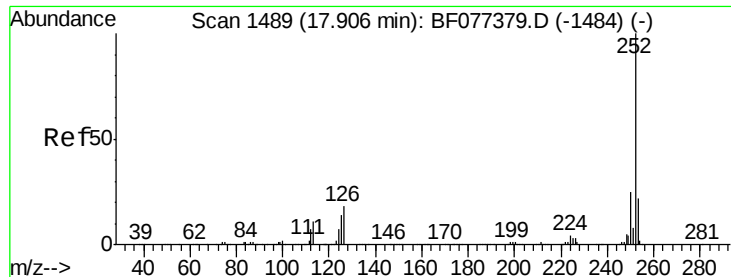
Tgt Ion: 252 Resp: 593426
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 10.1 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 56.35 ng
RT: 17.41 min Scan# 1446
Delta R.T. -0.15 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 252 Resp: 739664
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.1 10.1 15.1

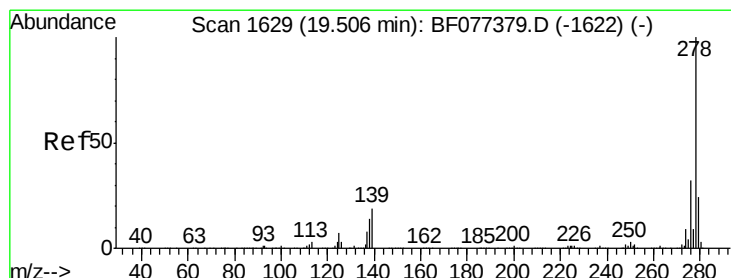
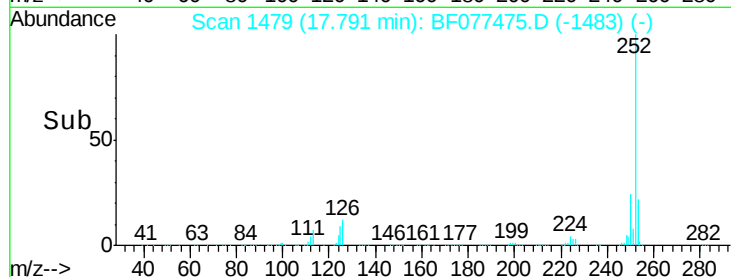
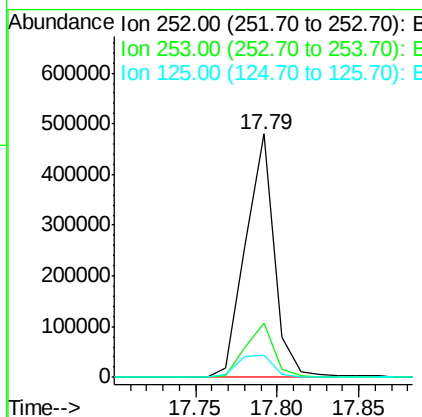
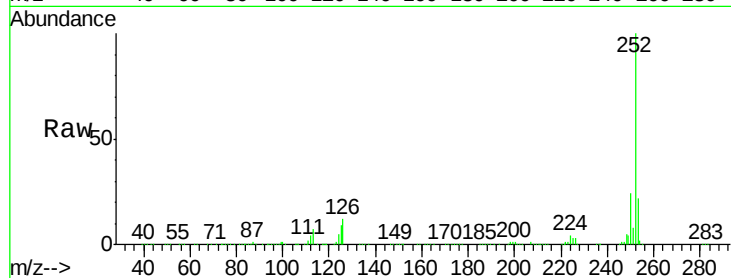




#89
Benzo(a)pyrene
Concen: 46.14 ng
RT: 17.79 min Scan# 1479
Delta R.T. -0.15 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

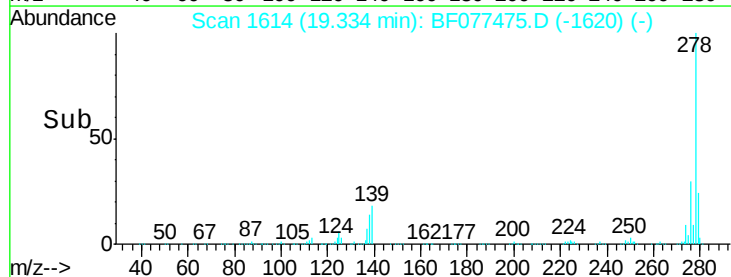
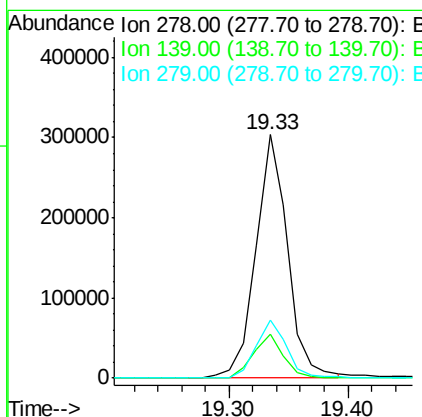
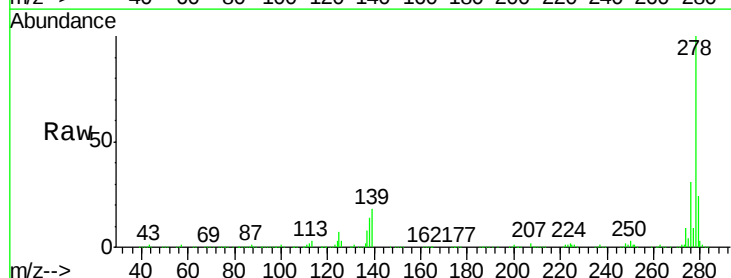
Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

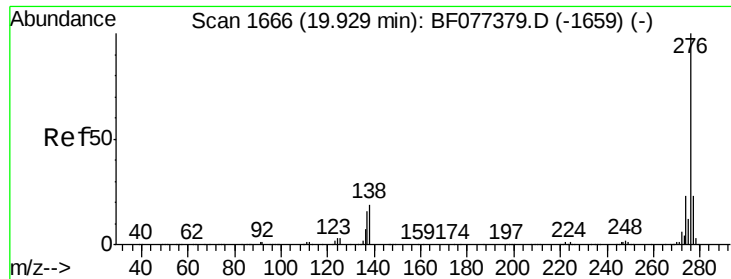
Tgt Ion:	252	Resp:	588553
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.4	8.3	12.5



#90
Dibenzo(a,h)anthracene
Concen: 46.72 ng
RT: 19.33 min Scan# 1614
Delta R.T. -0.17 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:	278	Resp:	568365
Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.3	21.5
279	24.1	19.0	28.6





#91

Benzo(g,h,i)perylene

Concen: 46.25 ng

RT: 19.73 min Scan# 1649

Delta R.T. -0.18 min

Lab File: BF077475.D

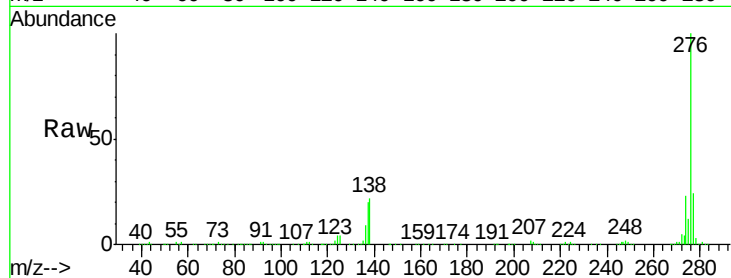
Acq: 26 Feb 2015 20:00

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515MSD



Tgt Ion:	276	Resp:	567877
Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	22.3	20.5	30.7

