

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022715\
 Data File : BF077518.D
 Acq On : 27 Feb 2015 21:25
 Operator : TP/IZ
 Sample : G1388-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1121-20MSD

Quant Time: Feb 28 01:20:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 22:28:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	96842	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	400282	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	207317	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	423153	20.00	ng	0.00
75) Chrysene-d12	16.14	240	412459	20.00	ng	0.00
86) Perylene-d12	17.89	264	408221	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	548989	94.64	ng	0.00
7) Phenol-d6	6.82	99	705797	94.63	ng	0.00
23) Nitrobenzene-d5	7.95	82	423873	65.85	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	203183	101.78	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	909573	68.41	ng	0.00
78) Terphenyl-d14	14.85	244	1080654	61.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	64186	26.07	ng	95
3) Pyridine	2.95	79	168164	23.88	ng	98
4) n-Nitrosodimethylamine	2.85	42	91811	29.99	ng	95
6) Aniline	6.85	93	108901	10.56	ng	# 61
8) 2-Chlorophenol	6.99	128	208436	30.46	ng	91
9) Benzaldehyde	6.70	77	49995	11.04	ng	95
10) Phenol	6.83	94	249907	28.24	ng	91
11) bis(2-Chloroethyl)ether	6.95	93	183365	28.83	ng	88
12) 1,3-Dichlorobenzene	7.18	146	217797	29.23	ng	# 92
13) 1,4-Dichlorobenzene	7.28	146	217359	28.67	ng	96
14) 1,2-Dichlorobenzene	7.46	146	205092	28.44	ng	96
15) Benzyl Alcohol	7.44	79	165041	29.11	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.62	45	279275	30.72	ng	97
17) 2-Methylphenol	7.58	107	164414	30.74	ng	98
18) Hexachloroethane	7.88	117	76910	30.38	ng	91
19) n-Nitroso-di-n-propylamine	7.77	70	148355	31.32	ng	# 95
20) 3+4-Methylphenols	7.78	107	211343	30.00	ng	# 78
22) Acetophenone	7.77	105	292280	31.04	ng	# 89
24) Nitrobenzene	7.97	77	208703	30.82	ng	88
25) Isophorone	8.27	82	387455	30.34	ng	95
26) 2-Nitrophenol	8.37	139	95172	34.29	ng	# 87
27) 2,4-Dimethylphenol	8.43	122	190456	30.67	ng	99
28) bis(2-Chloroethoxy)methane	8.55	93	246271	30.53	ng	98
29) 2,4-Dichlorophenol	8.66	162	178271	30.58	ng	88
30) 1,2,4-Trichlorobenzene	8.77	180	182587	28.49	ng	96
31) Naphthalene	8.86	128	606261	30.29	ng	99
32) Benzoic acid	8.49	122	11171	3.70	ng	96
33) 4-Chloroaniline	8.93	127	108945	12.24	ng	# 93
34) Hexachlorobutadiene	9.02	225	106000	28.97	ng	99
35) Caprolactam	9.35	113	49178	27.63	ng	# 77
36) 4-Chloro-3-methylphenol	9.54	107	185923	31.72	ng	99
37) 2-Methylnaphthalene	9.72	142	437296	30.76	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.93	216	197266	33.16	ng	98
40) Hexachlorocyclopentadiene	9.91	237	187882	58.90	ng	97

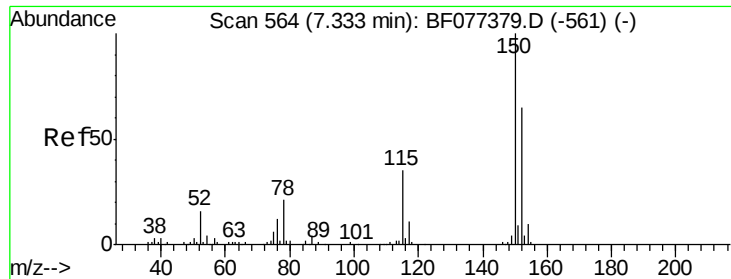
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022715\
 Data File : BF077518.D
 Acq On : 27 Feb 2015 21:25
 Operator : TP/IZ
 Sample : G1388-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1121-20MSD

Quant Time: Feb 28 01:20:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 22:28:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.07	196	127940	32.48	ng	97
43) 2,4,5-Trichlorophenol	10.11	196	138016	32.76	ng	# 85
45) 1,1'-Biphenyl	10.30	154	517691	32.96	ng	99
46) 2-Chloronaphthalene	10.32	162	401770	32.62	ng	93
47) 2-Nitroaniline	10.45	65	111696	36.84	ng	# 66
48) Acenaphthylene	10.83	152	625108	32.06	ng	100
49) Dimethylphthalate	10.69	163	529016	36.30	ng	98
50) 2,6-Dinitrotoluene	10.76	165	106078	36.30	ng	# 77
51) Acenaphthene	11.05	154	381550	32.79	ng	99
52) 3-Nitroaniline	10.96	138	75861	22.51	ng	94
53) 2,4-Dinitrophenol	11.09	184	51362	57.76	ng	# 74
54) Dibenzofuran	11.26	168	581407	32.36	ng	98
55) 4-Nitrophenol	11.17	139	163193	60.22	ng	# 66
56) 2,4-Dinitrotoluene	11.25	165	135836	34.40	ng	# 76
57) Fluorene	11.69	166	472499	32.89	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.42	232	117284	34.63	ng	96
59) Diethylphthalate	11.57	149	493799	34.37	ng	96
60) 4-Chlorophenyl-phenylether	11.70	204	228108	32.96	ng	96
61) 4-Nitroaniline	11.71	138	103403	32.02	ng	95
62) Azobenzene	11.89	77	468152	34.35	ng	97
64) 4,6-Dinitro-2-methylphenol	11.76	198	48596	30.27	ng	77
65) n-Nitrosodiphenylamine	11.85	169	420664	29.96	ng	99
66) 4-Bromophenyl-phenylether	12.31	248	141254	28.51	ng	98
67) Hexachlorobenzene	12.36	284	145692	27.39	ng	98
68) Atrazine	12.52	200	146522	32.10	ng	94
69) Pentachlorophenol	12.61	266	161114	57.64	ng	99
70) Phenanthrene	12.88	178	670368	27.33	ng	99
71) Anthracene	12.94	178	680124	27.94	ng	99
72) Carbazole	13.15	167	654236	28.27	ng	99
73) Di-n-butylphthalate	13.60	149	817738	30.09	ng	99
74) Fluoranthene	14.36	202	731916	27.32	ng	96
76) Benzidine	14.54	184	303721	21.80	ng	98
77) Pyrene	14.64	202	742876	29.44	ng	99
79) Butylbenzylphthalate	15.47	149	357369	34.43	ng	# 83
80) Benzo(a)anthracene	16.13	228	722605	29.89	ng	100
81) 3,3'-Dichlorobenzidine	16.11	252	165561	18.69	ng	98
82) Chrysene	16.17	228	642182	28.29	ng	98
83) Bis(2-ethylhexyl)phthalate	16.19	149	556591	33.44	ng	# 97
84) Di-n-octyl phthalate	16.99	149	932572	33.56	ng	99
85) Indeno(1,2,3-cd)pyrene	19.35	276	764798	29.55	ng	99
87) Benzo(b)fluoranthene	17.44	252	734278	30.93	ng	# 95
88) Benzo(k)fluoranthene	17.47	252	598456	25.72	ng	98
89) Benzo(a)pyrene	17.83	252	659711	29.18	ng	97
90) Dibenzo(a,h)anthracene	19.37	278	641748	29.76	ng	97
91) Benzo(g,h,i)perylene	19.77	276	638340	29.33	ng	100

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

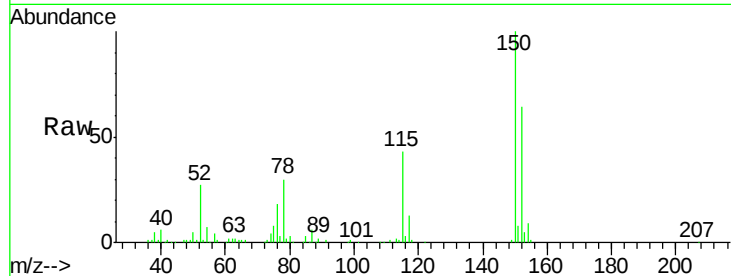


#1

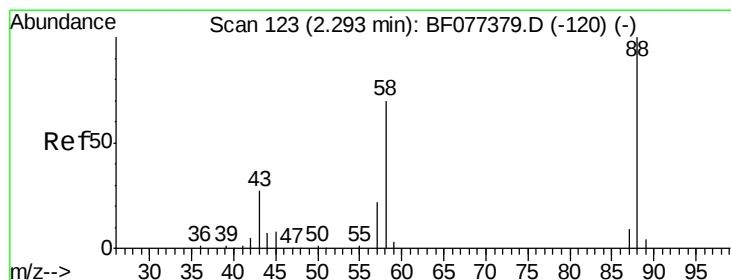
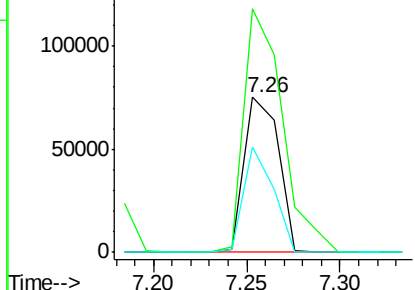
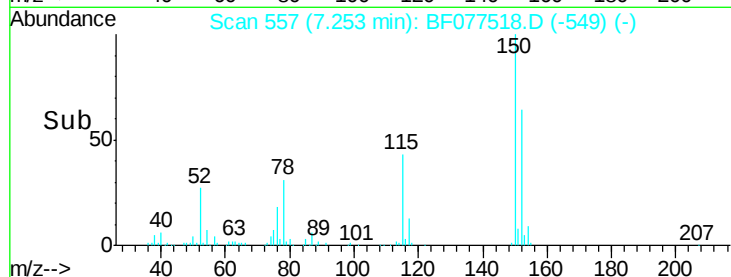
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Instrument :
BNA_F
ClientSampleId :
1121-20MSD

Tgt Ion:152 Resp: 96842
Ion Ratio Lower Upper
152 100
150 156.9 124.0 186.0
115 67.9 49.4 74.2



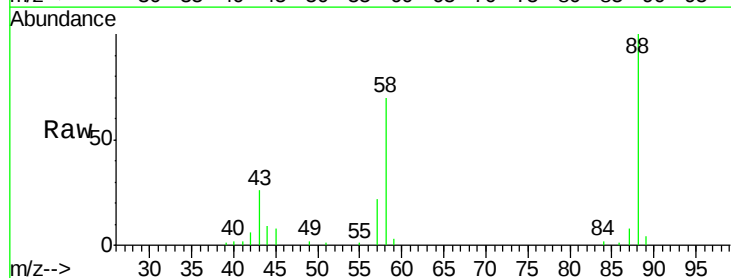
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



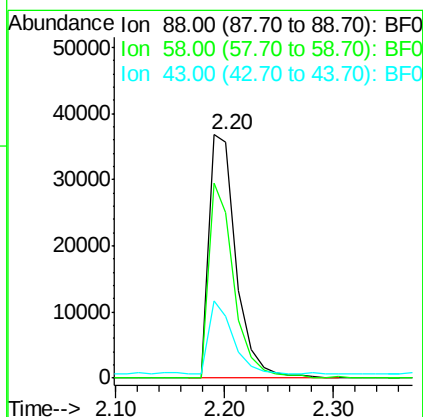
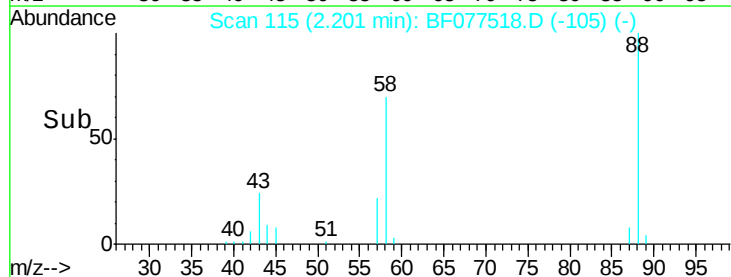
#2

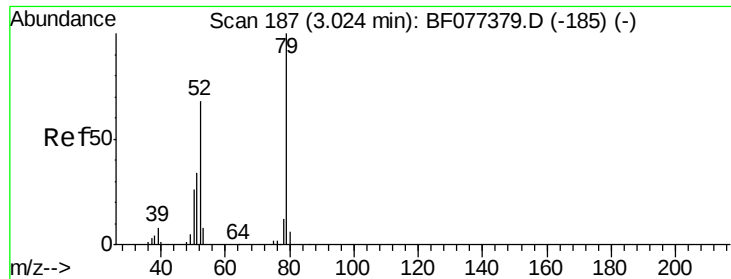
1,4-Dioxane
Concen: 26.07 ng
RT: 2.20 min Scan# 115
Delta R.T. 0.02 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Tgt Ion: 88 Resp: 64186
Ion Ratio Lower Upper
88 100
58 73.8 62.1 93.1
43 26.8 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: 23.88 ng

RT: 2.95 min Scan# 180

Delta R.T. 0.02 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

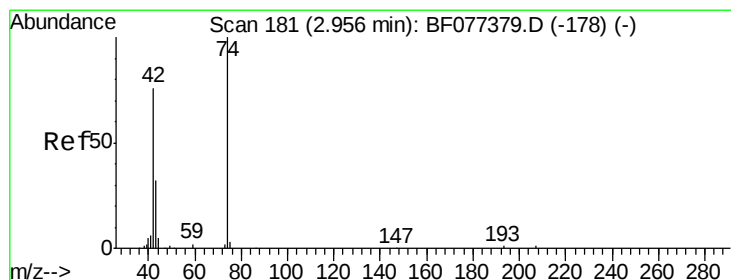
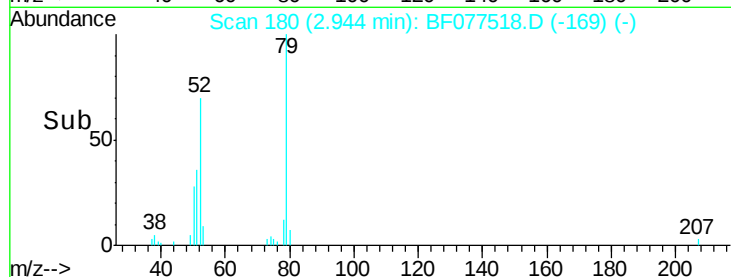
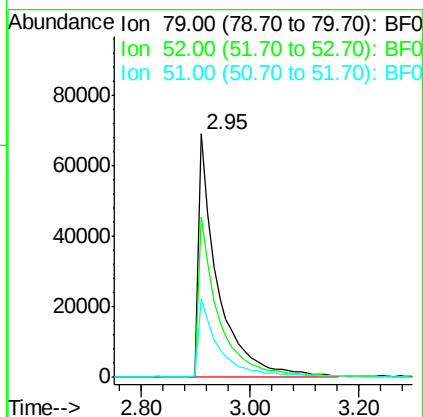
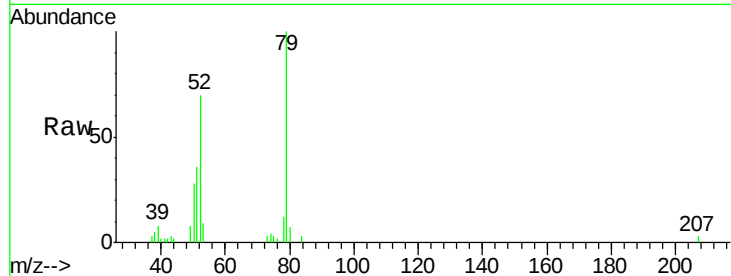
Tgt Ion: 79 Resp: 168164

Ion Ratio Lower Upper

79 100

52 69.7 57.7 86.5

51 35.9 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 29.99 ng

RT: 2.85 min Scan# 172

Delta R.T. 0.02 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

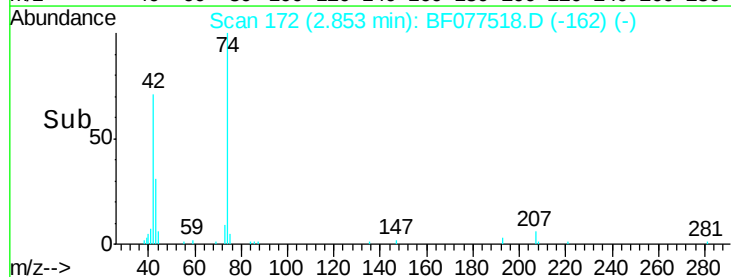
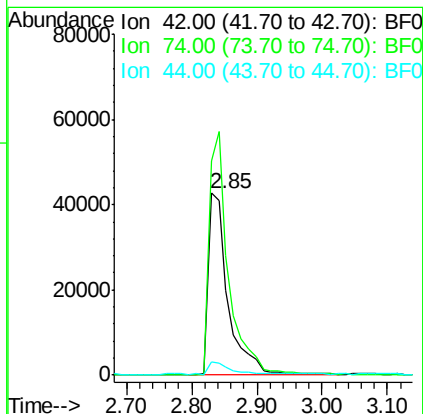
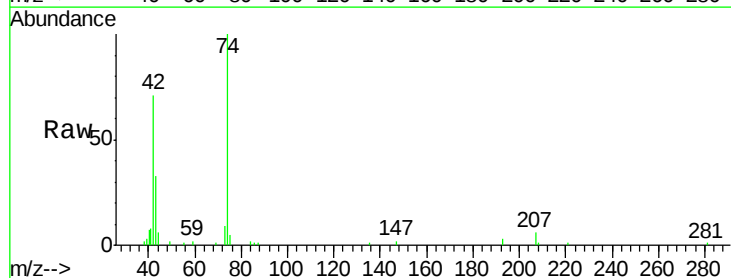
Tgt Ion: 42 Resp: 91811

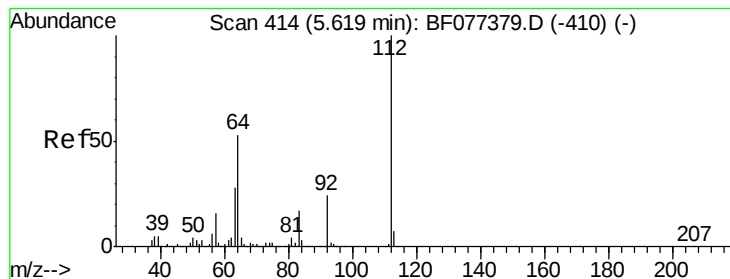
Ion Ratio Lower Upper

42 100

74 140.5 107.1 160.7

44 9.0 6.7 10.1





#5

2-Fluorophenol

Concen: 94.64 ng

RT: 5.55 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

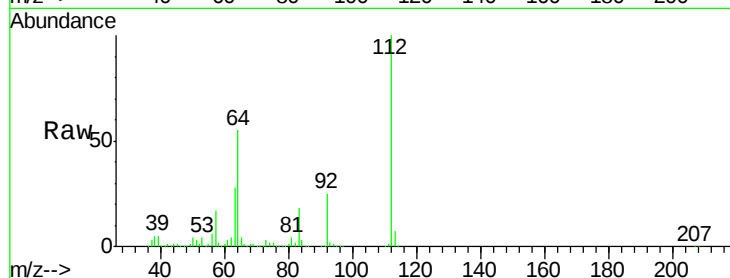
Tgt Ion: 112 Resp: 548989

Ion Ratio Lower Upper

112 100

64 54.7 48.5 72.7

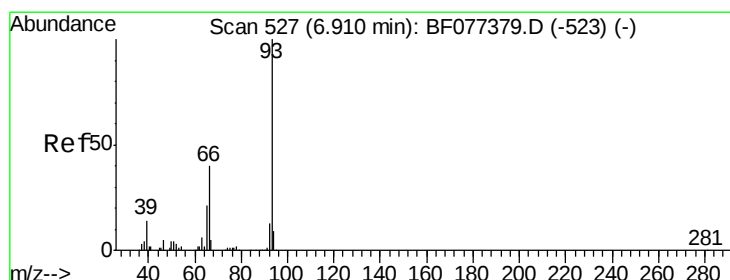
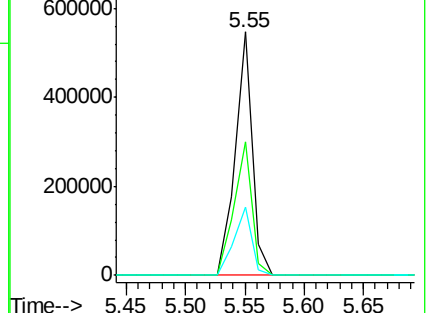
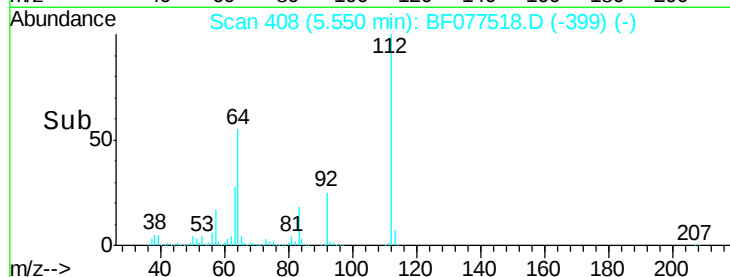
63 28.1 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.56 ng

RT: 6.85 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

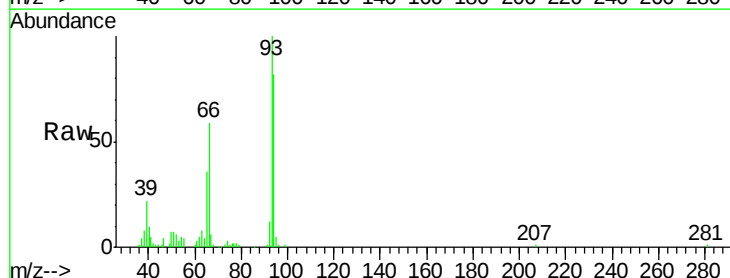
Tgt Ion: 93 Resp: 108901

Ion Ratio Lower Upper

93 100

66 59.5 29.1 43.7#

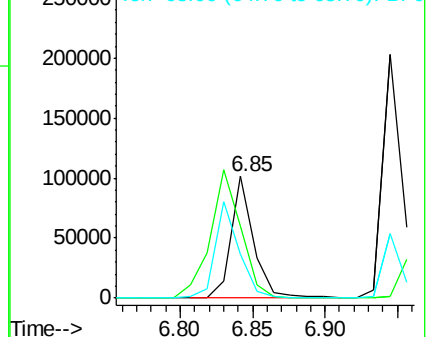
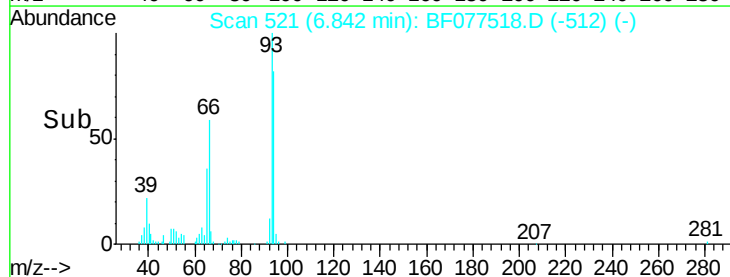
65 35.6 14.6 22.0#

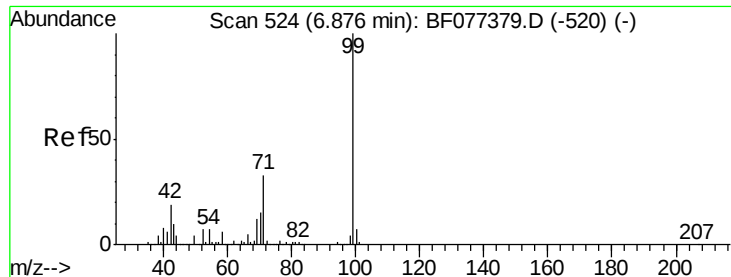


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 94.63 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

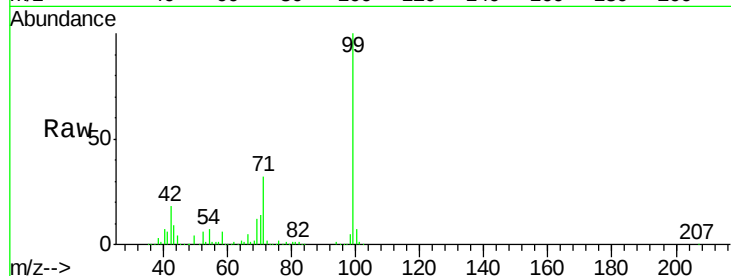
Tgt Ion: 99 Resp: 705797

Ion Ratio Lower Upper

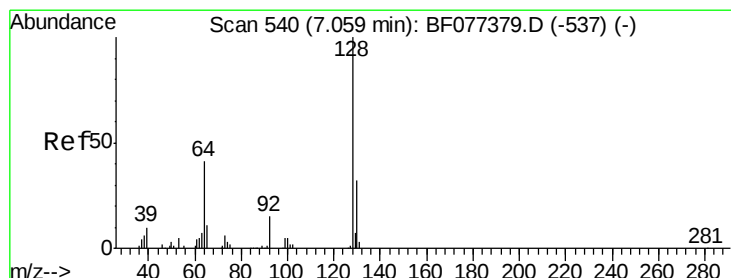
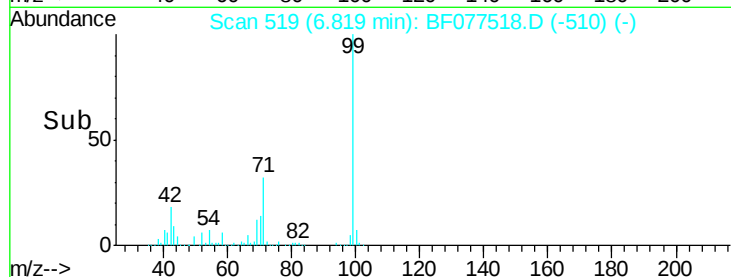
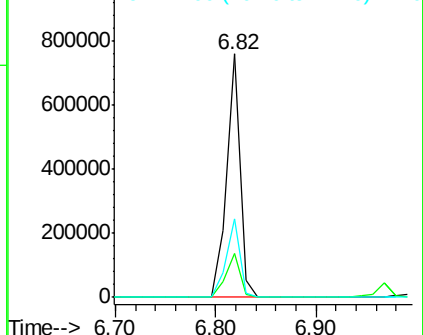
99 100

42 17.9 16.2 24.4

71 32.5 26.7 40.1



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



#8

2-Chlorophenol

Concen: 30.46 ng

RT: 6.99 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

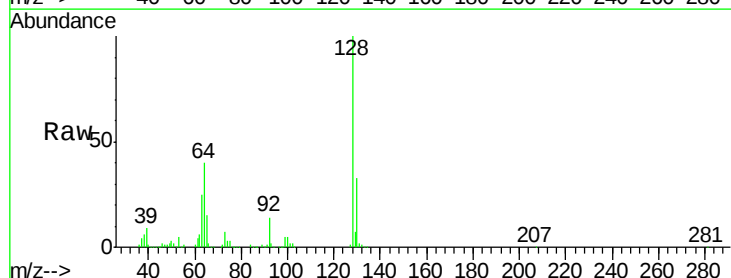
Tgt Ion: 128 Resp: 208436

Ion Ratio Lower Upper

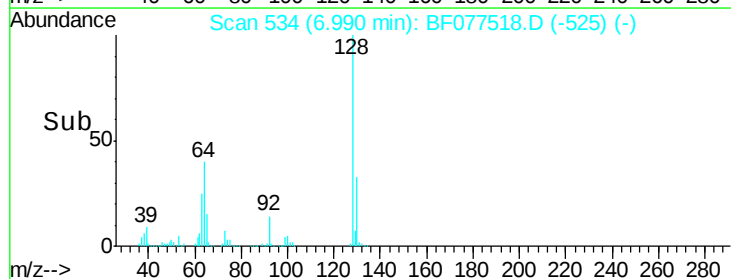
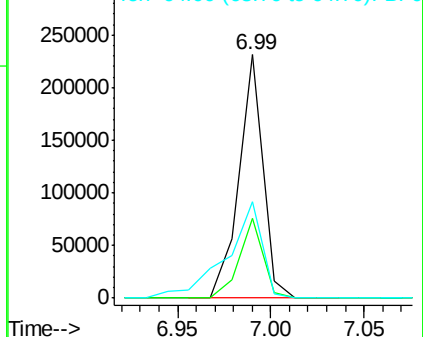
128 100

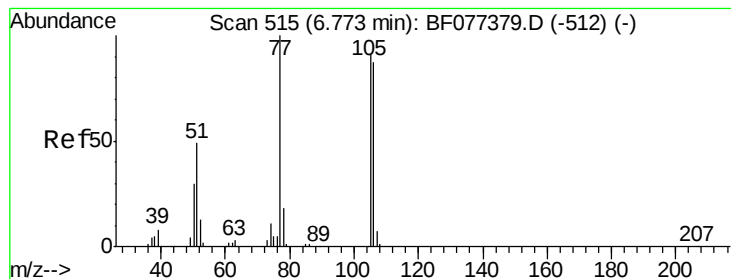
130 32.7 12.0 52.0

64 39.8 29.2 69.2



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





#9

Benzaldehyde

Concen: 11.04 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

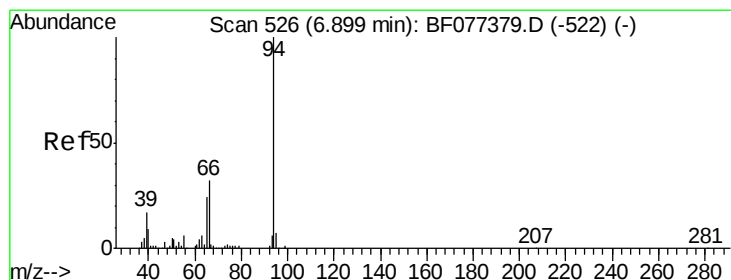
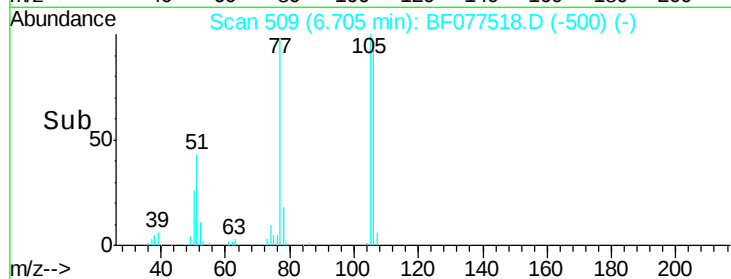
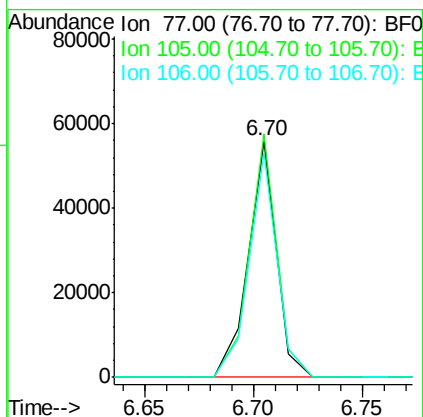
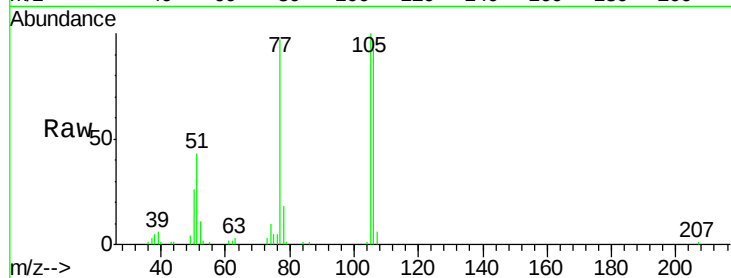
Tgt Ion: 77 Resp: 49995

Ion Ratio Lower Upper

77 100

105 102.9 85.9 125.9

106 94.7 82.9 122.9



#10

Phenol

Concen: 28.24 ng

RT: 6.83 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

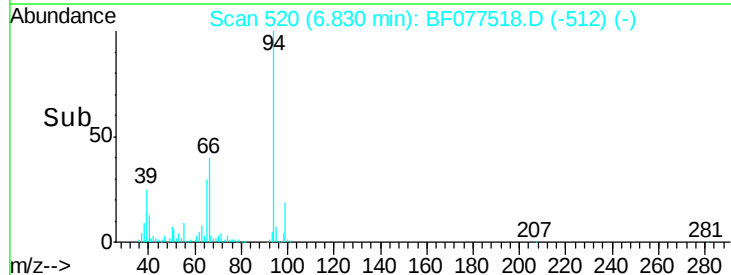
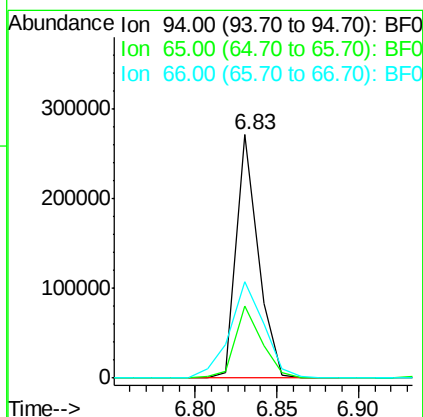
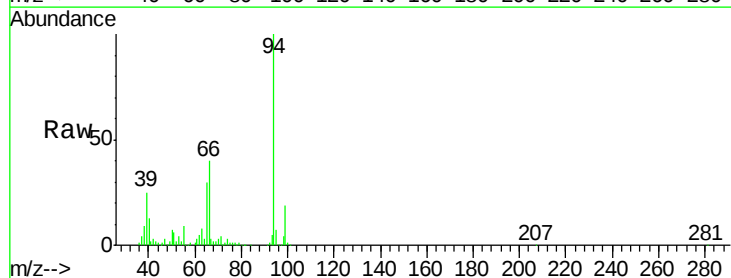
Tgt Ion: 94 Resp: 249907

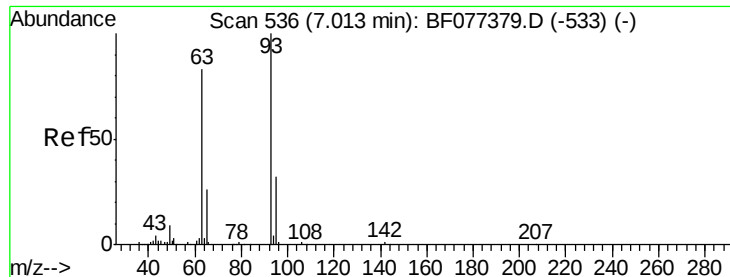
Ion Ratio Lower Upper

94 100

65 29.7 5.7 45.7

66 39.6 13.6 53.6

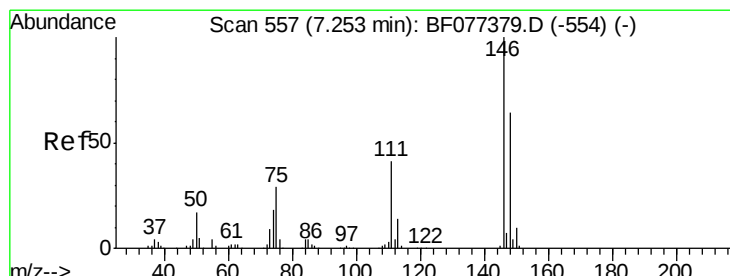
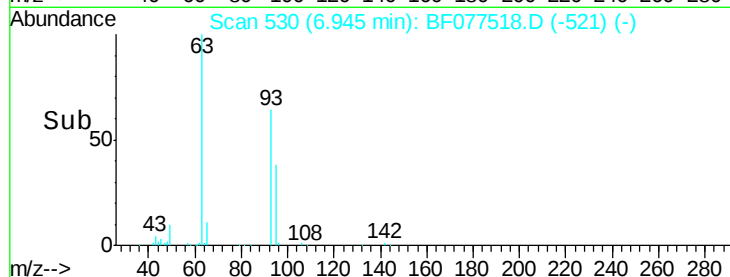
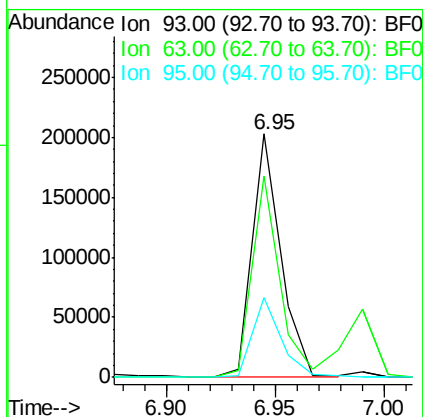
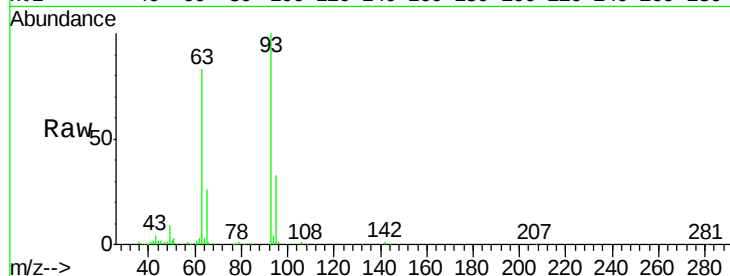




#11
bis(2-Chloroethyl)ether
Concen: 28.83 ng
RT: 6.95 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

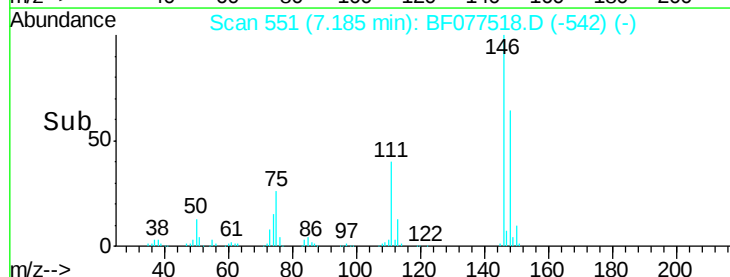
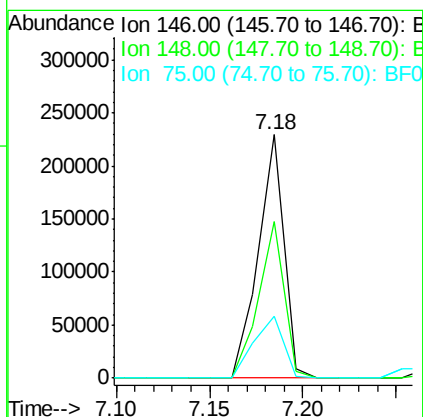
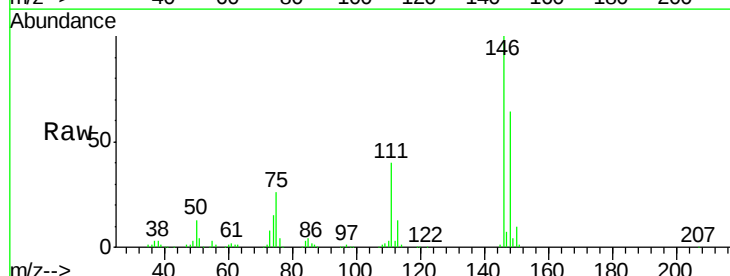
Instrument :
BNA_F
ClientSampleId :
1121-20MSD

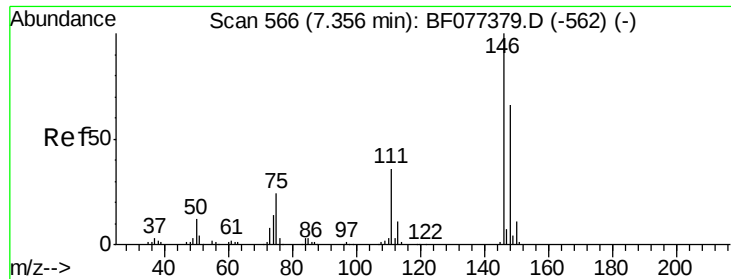
Tgt Ion: 93 Resp: 183365
Ion Ratio Lower Upper
93 100
63 82.7 48.7 88.7
95 32.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 29.23 ng
RT: 7.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Tgt Ion: 146 Resp: 217797
Ion Ratio Lower Upper
146 100
148 64.2 49.8 74.8
75 25.6 28.2 42.4#





#13

1,4-Dichlorobenzene

Concen: 28.67 ng

RT: 7.28 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

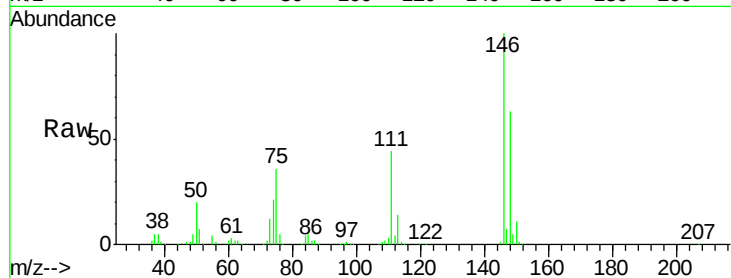
Tgt Ion:146 Resp: 217359

Ion Ratio Lower Upper

146 100

148 63.2 52.0 78.0

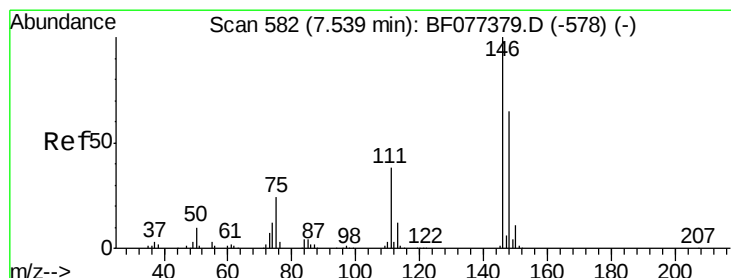
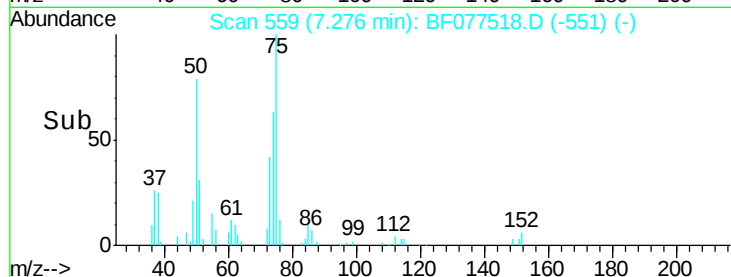
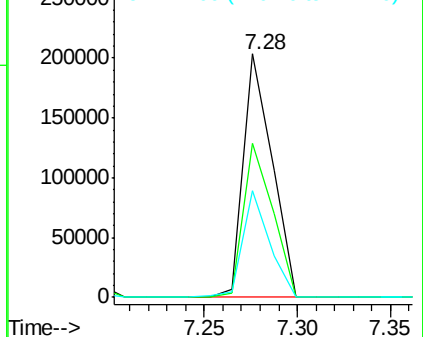
111 43.6 31.9 47.9



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: 28.44 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

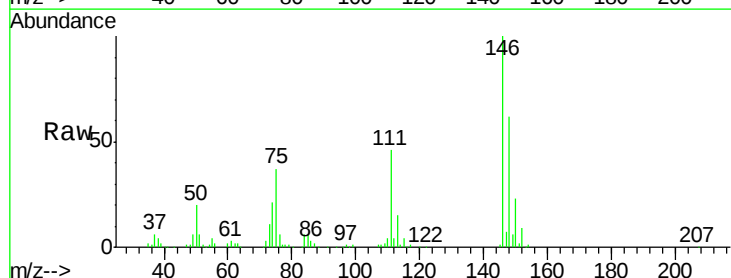
Tgt Ion:146 Resp: 205092

Ion Ratio Lower Upper

146 100

148 61.9 51.6 77.4

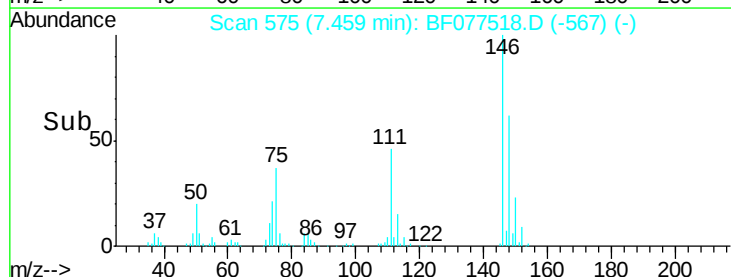
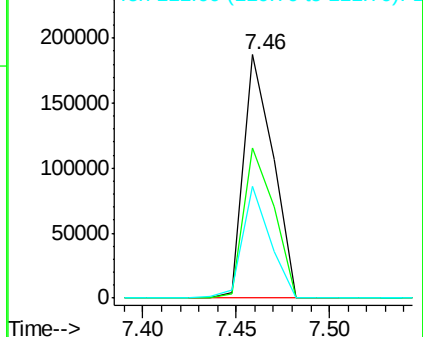
111 45.9 34.2 51.2

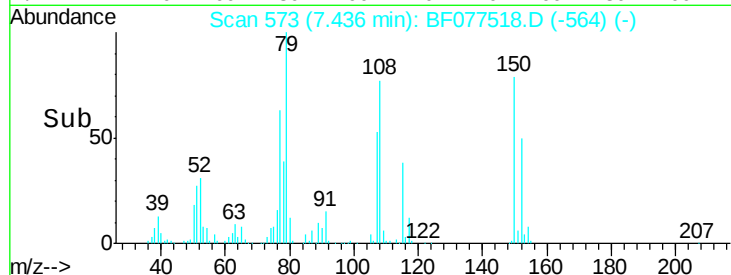
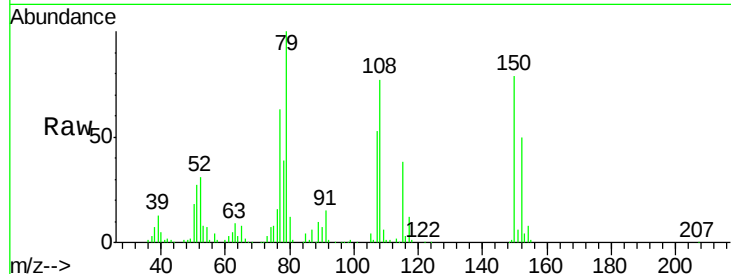
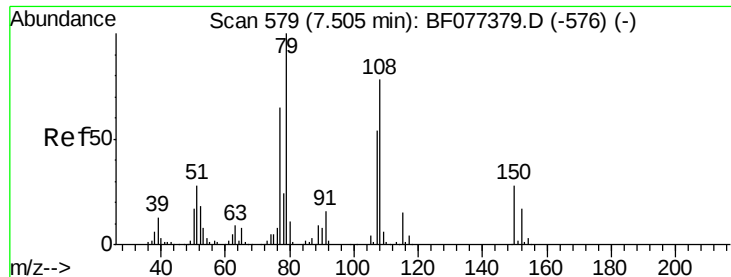


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.11 ng

RT: 7.44 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

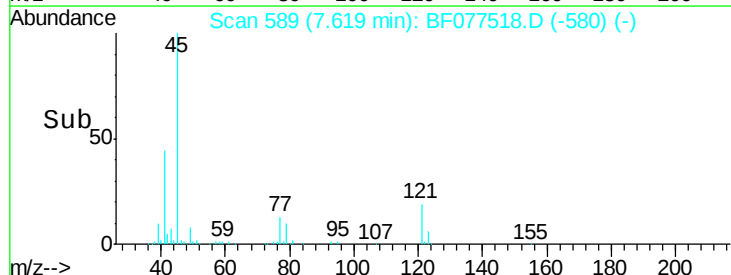
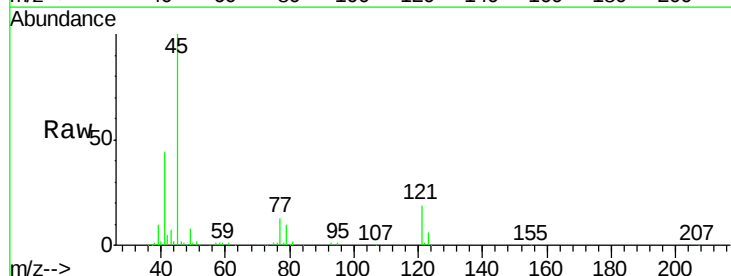
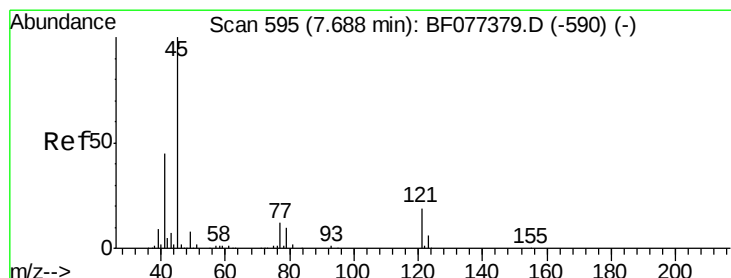
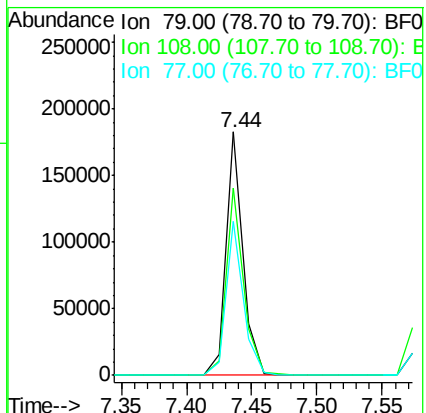
Tgt Ion: 79 Resp: 165041

Ion Ratio Lower Upper

79 100

108 76.8 58.3 87.5

77 63.2 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.72 ng

RT: 7.62 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

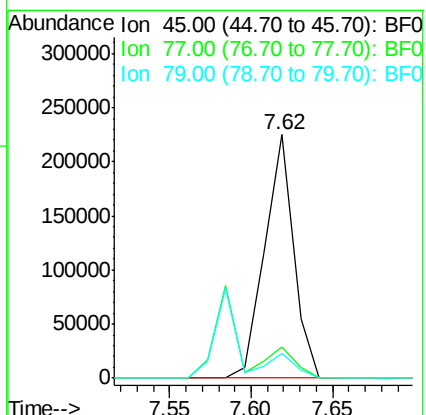
Tgt Ion: 45 Resp: 279275

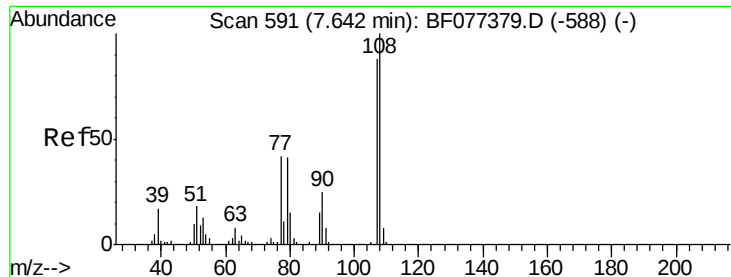
Ion Ratio Lower Upper

45 100

77 13.1 0.0 34.6

79 10.4 0.0 31.5

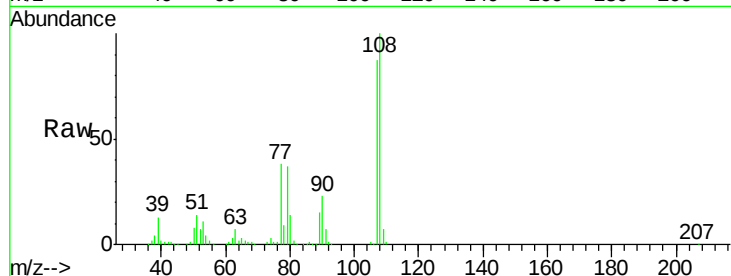




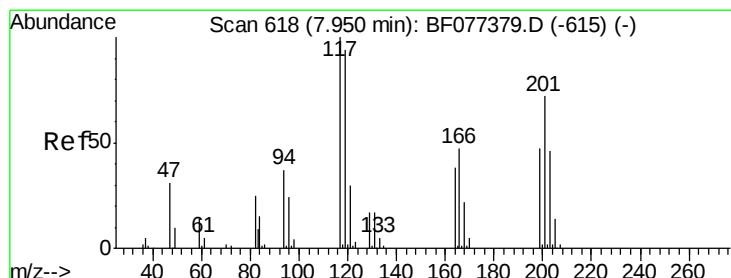
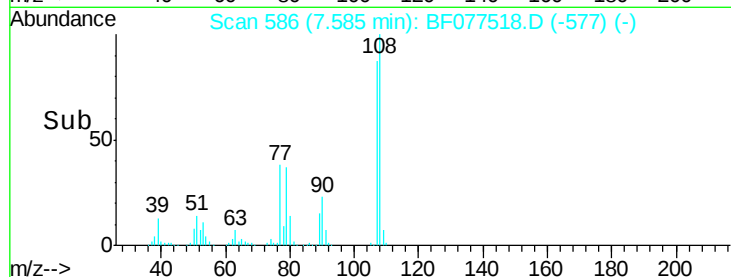
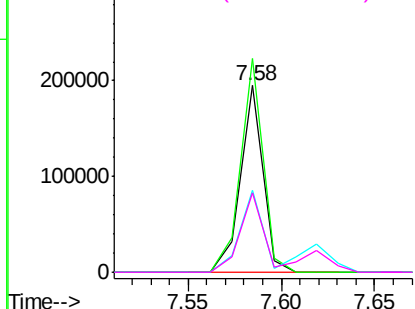
#17
2-Methylphenol
Concen: 30.74 ng
RT: 7.58 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Instrument :
BNA_F
ClientSampleId :
1121-20MSD

Tgt Ion:107 Resp: 164414
Ion Ratio Lower Upper
107 100
108 114.5 91.2 136.8
77 43.8 33.6 50.4
79 42.4 32.1 48.1

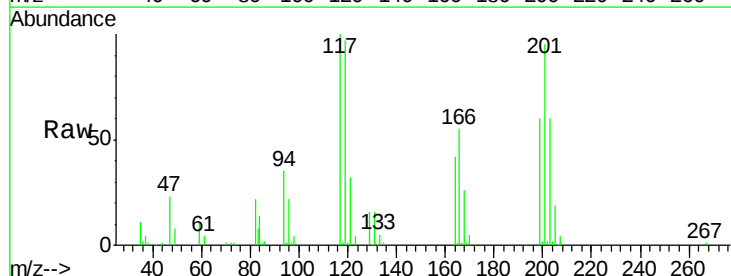


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

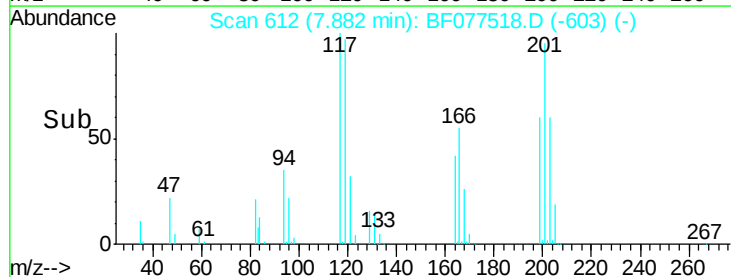
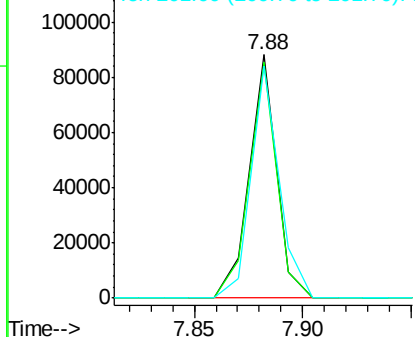


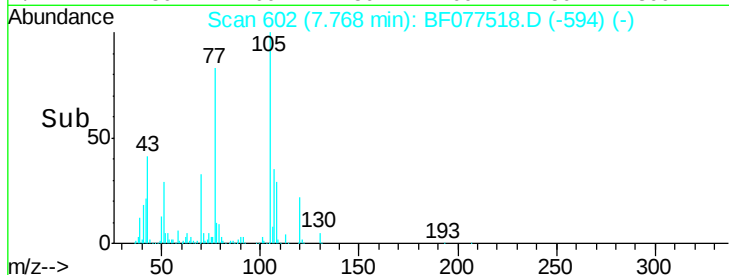
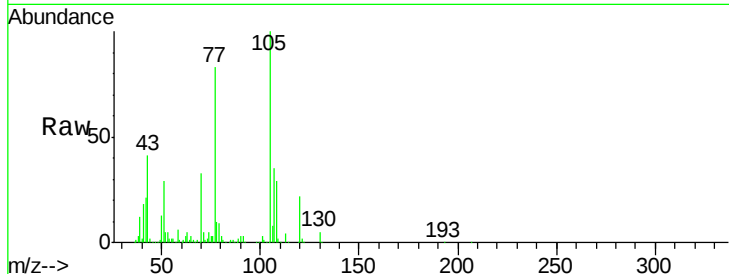
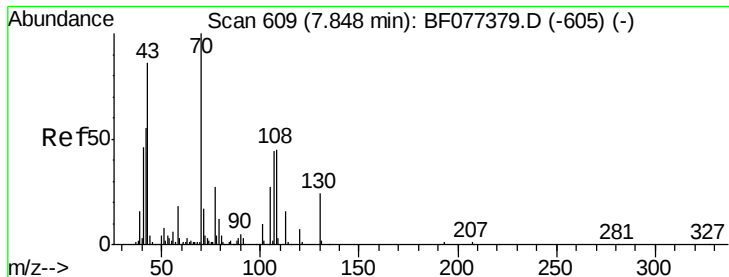
#18
Hexachloroethane
Concen: 30.38 ng
RT: 7.88 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Tgt Ion:117 Resp: 76910
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.8
201 95.1 90.6 136.0



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

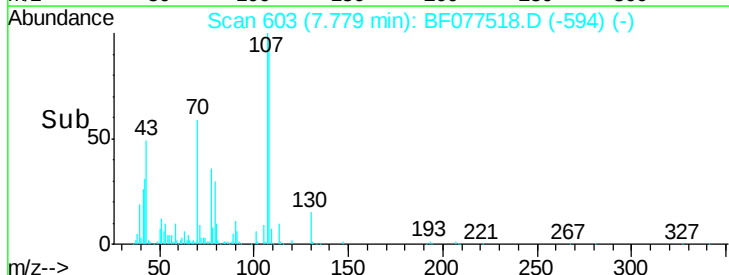
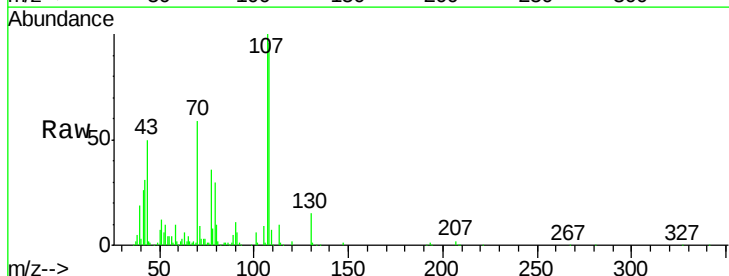
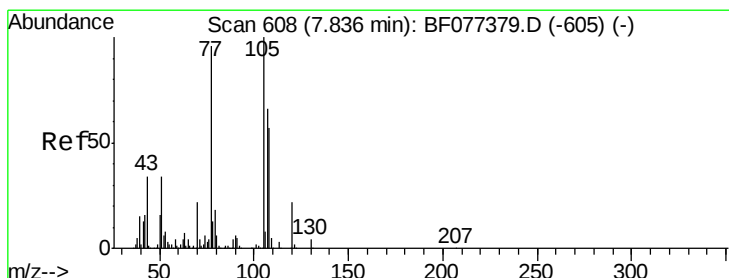
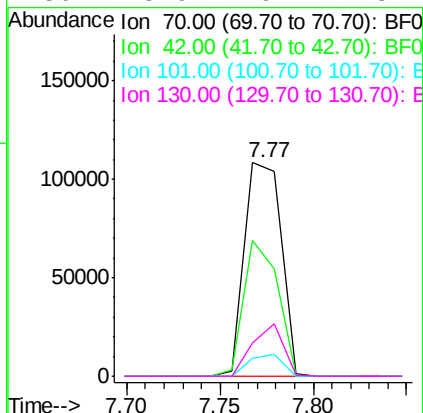




#19
n-Nitroso-di-n-propylamine
Concen: 31.32 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

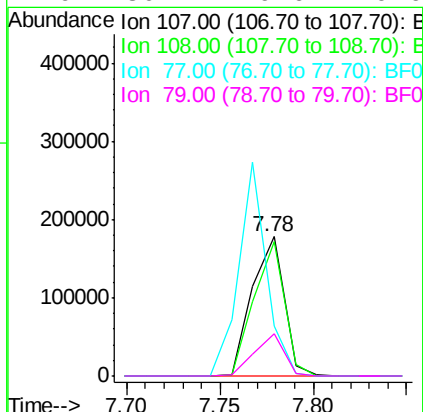
Instrument :
BNA_F
ClientSampleId :
1121-20MSD

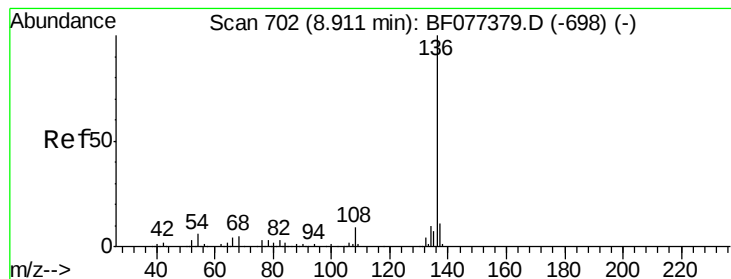
Tgt Ion: 70 Resp: 148355
Ion Ratio Lower Upper
70 100
42 63.4 48.3 72.5
101 8.2 7.5 11.3
130 15.9 16.7 25.1#



#20
3+4-Methylphenols
Concen: 30.00 ng
RT: 7.78 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Tgt Ion: 107 Resp: 211343
Ion Ratio Lower Upper
107 100
108 96.2 76.8 116.8
77 35.8 65.8 105.8#
79 30.1 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.84 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

Tgt Ion:136 Resp: 400282

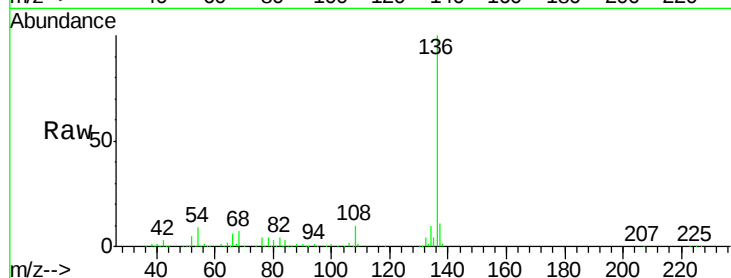
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 9.4 6.2 9.4#

68 7.0 5.0 7.6

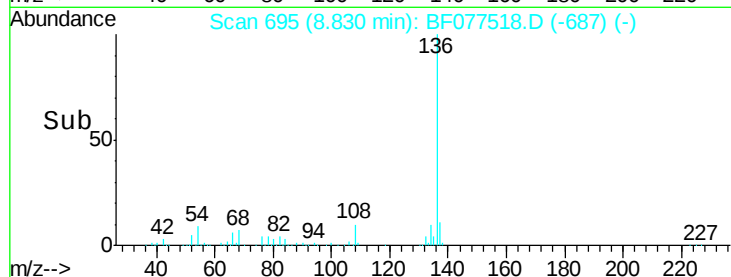


Abundance Ion 136.00 (135.70 to 136.70): E

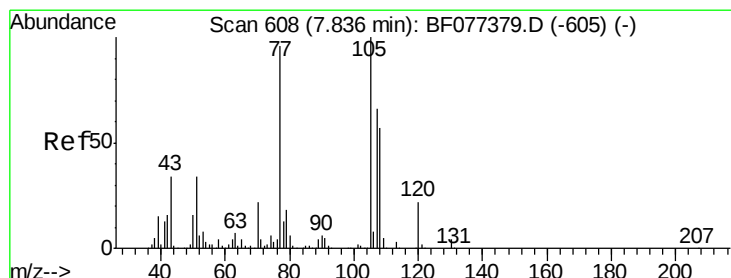
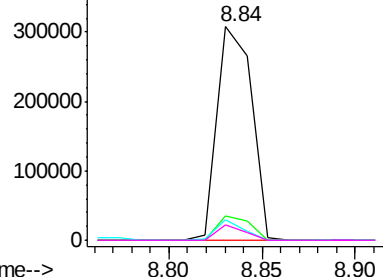
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 31.04 ng

RT: 7.77 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Tgt Ion:105 Resp: 292280

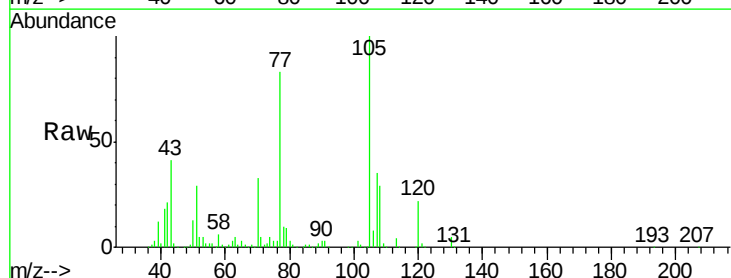
Ion Ratio Lower Upper

105 100

71 5.4 1.7 2.5#

51 28.8 30.7 46.1#

120 22.0 16.7 25.1

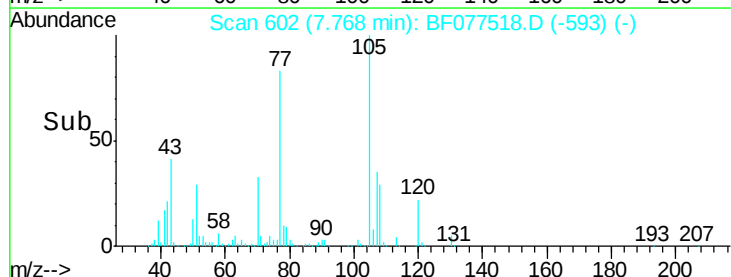


Abundance Ion 105.00 (104.70 to 105.70): E

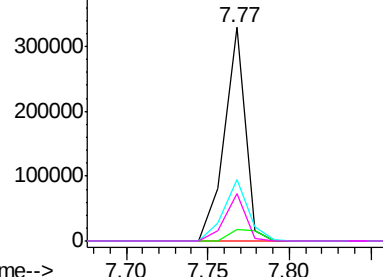
Ion 71.00 (70.70 to 71.70): BF0

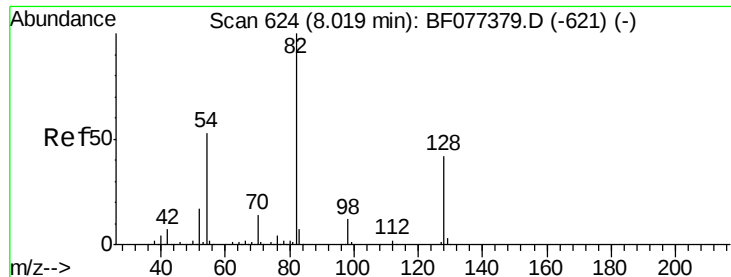
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

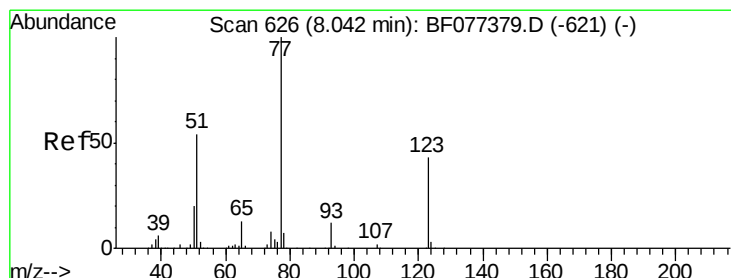
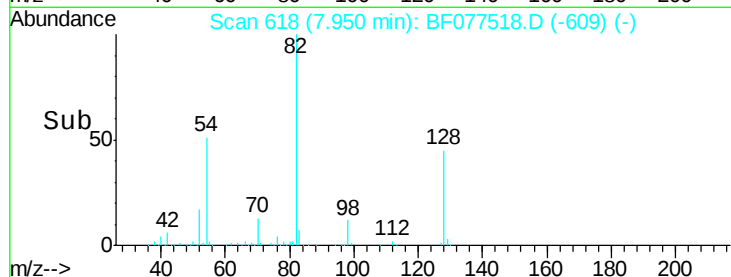
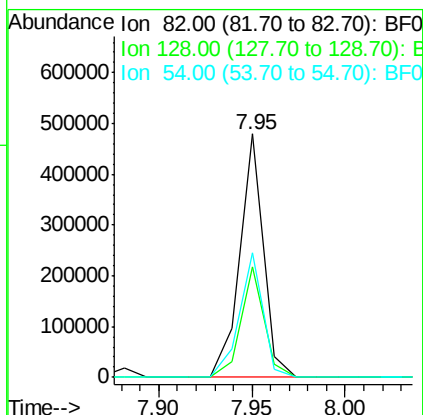
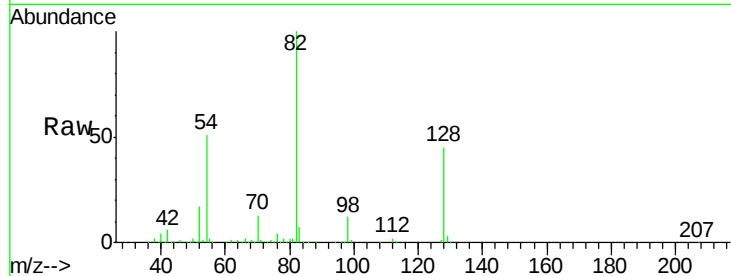




#23
 Nitrobenzene-d5
 Concen: 65.85 ng
 RT: 7.95 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

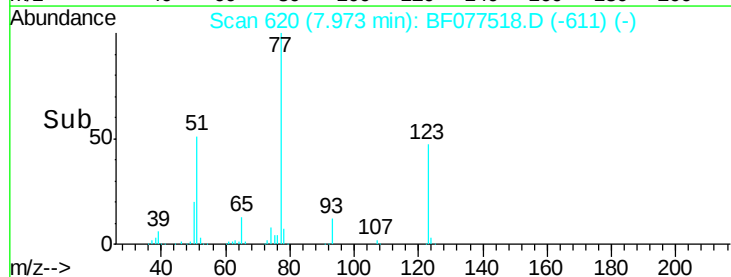
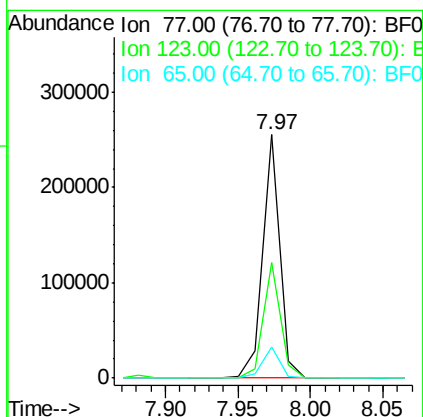
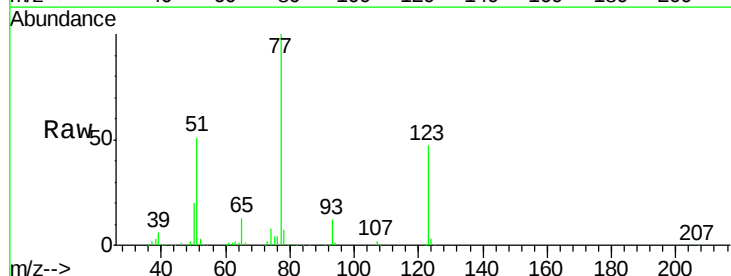
Instrument :
 BNA_F
 ClientSampleId :
 1121-20MSD

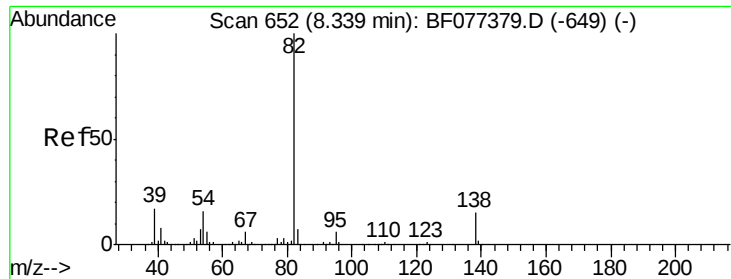
Tgt Ion: 82 Resp: 423873
 Ion Ratio Lower Upper
 82 100
 128 45.4 43.8 65.8
 54 51.0 36.7 55.1



#24
 Nitrobenzene
 Concen: 30.82 ng
 RT: 7.97 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

Tgt Ion: 77 Resp: 208703
 Ion Ratio Lower Upper
 77 100
 123 47.4 45.9 68.9
 65 12.7 9.5 14.3





#25

Isophorone

Concen: 30.34 ng

RT: 8.27 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

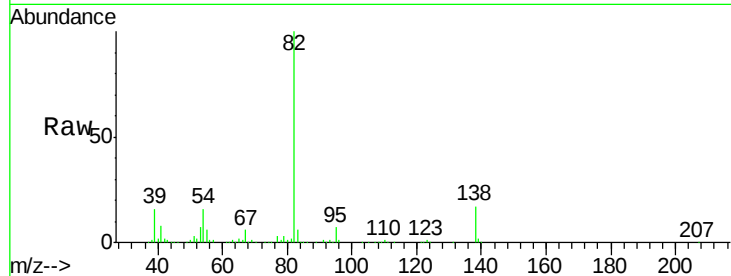
Tgt Ion: 82 Resp: 387455

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

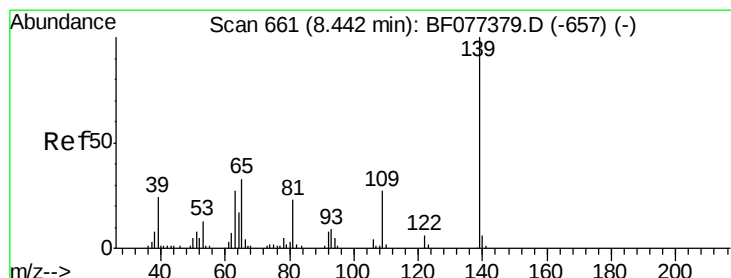
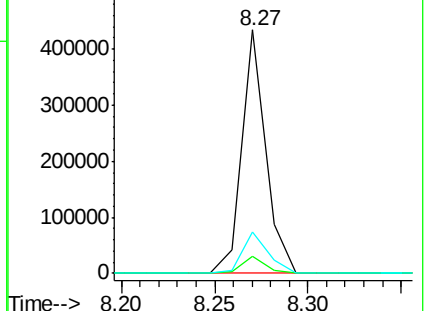
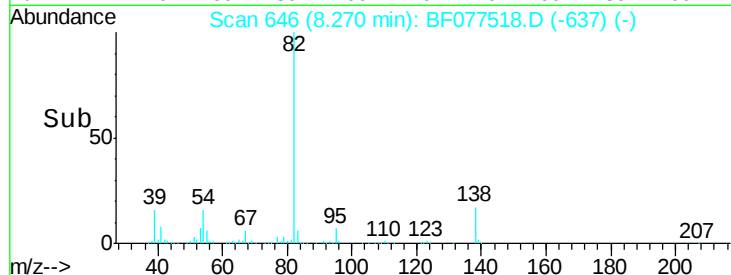
138 17.2 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF077518.D (-637) (-)

Ion 95.00 (94.70 to 95.70): BF077518.D (-637) (-)

Ion 138.00 (137.70 to 138.70): BF077518.D (-637) (-)



#26

2-Nitrophenol

Concen: 34.29 ng

RT: 8.37 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

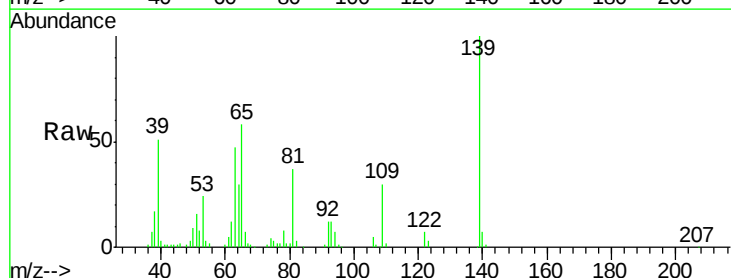
Tgt Ion: 139 Resp: 95172

Ion Ratio Lower Upper

139 100

109 30.5 22.6 34.0

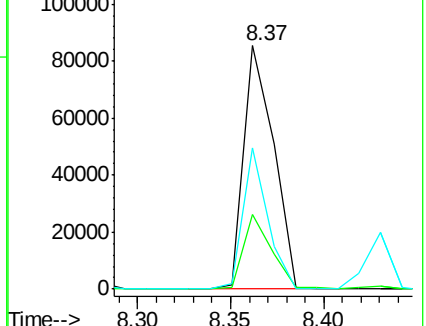
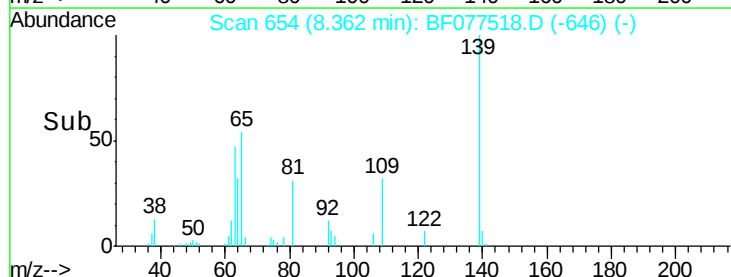
65 57.8 36.4 54.6#

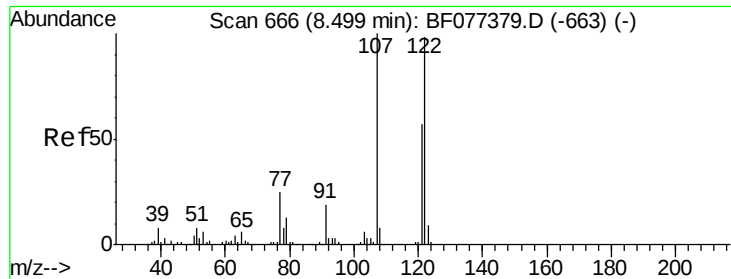


Abundance Ion 139.00 (138.70 to 139.70): BF077518.D (-646) (-)

Ion 109.00 (108.70 to 109.70): BF077518.D (-646) (-)

Ion 65.00 (64.70 to 65.70): BF077518.D (-646) (-)

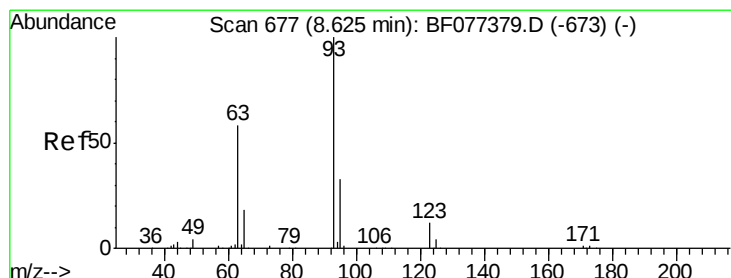
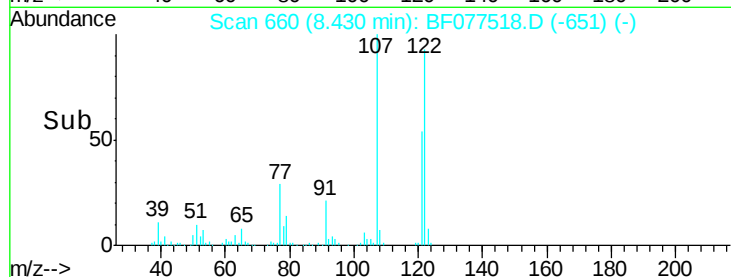
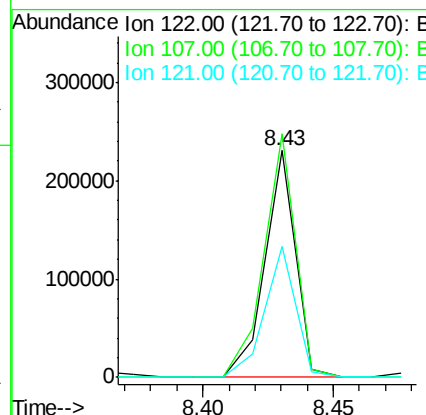
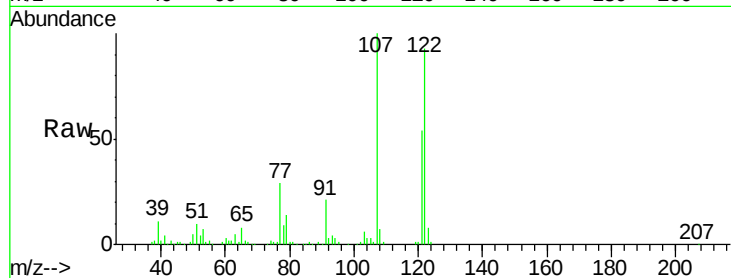




#27
 2,4-Dimethylphenol
 Concen: 30.67 ng
 RT: 8.43 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

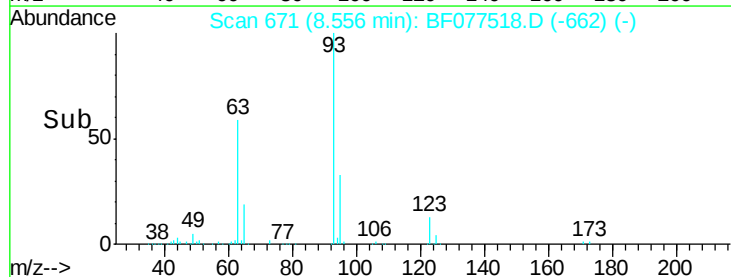
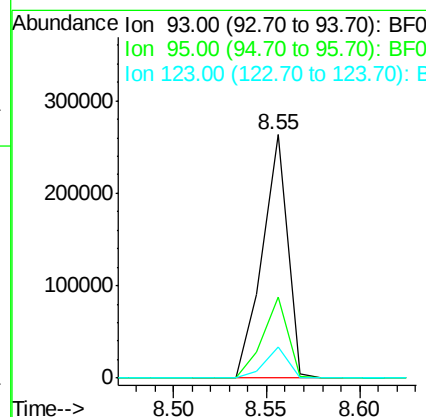
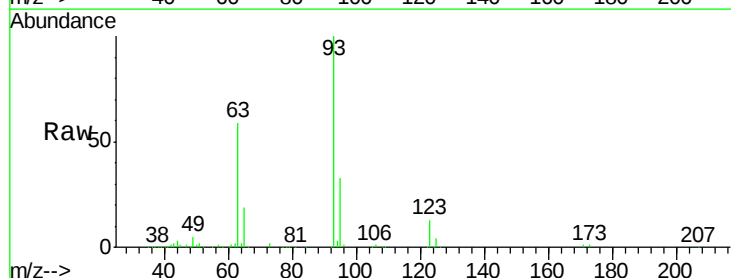
Instrument :
 BNA_F
 ClientSampleId :
 1121-20MSD

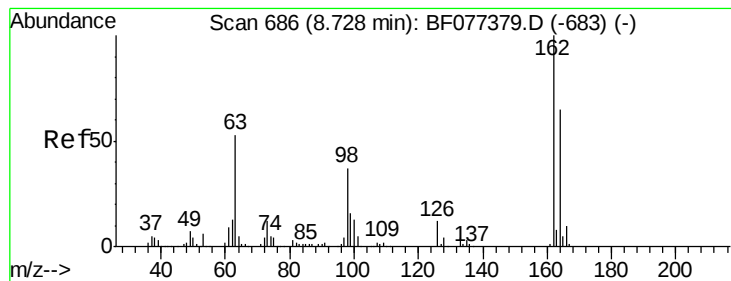
Tgt Ion:122 Resp: 190456
 Ion Ratio Lower Upper
 122 100
 107 107.5 86.6 130.0
 121 58.0 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.53 ng
 RT: 8.55 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

Tgt Ion: 93 Resp: 246271
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.4 39.6
 123 12.7 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 30.58 ng

RT: 8.66 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

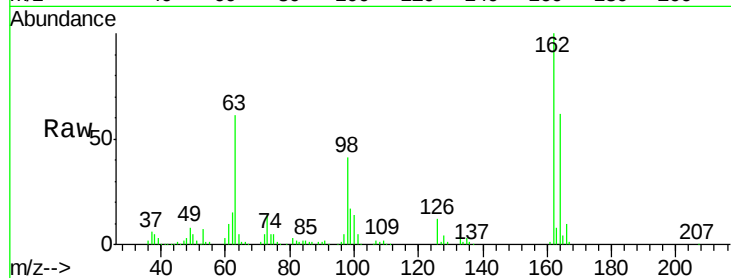
Tgt Ion:162 Resp: 178271

Ion Ratio Lower Upper

162 100

164 62.0 46.4 86.4

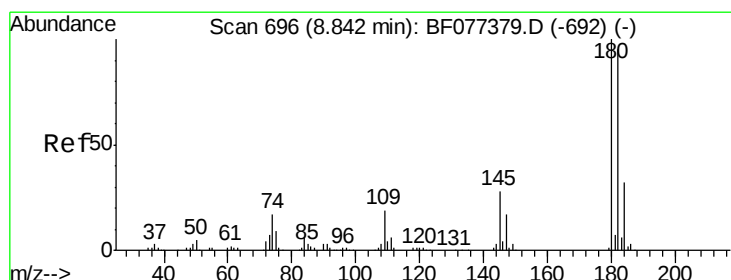
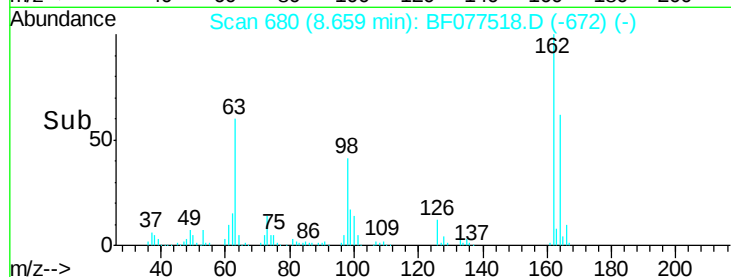
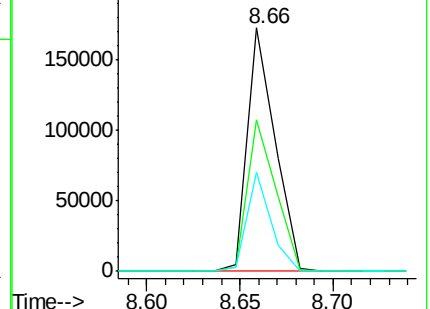
98 40.8 6.9 46.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 28.49 ng

RT: 8.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

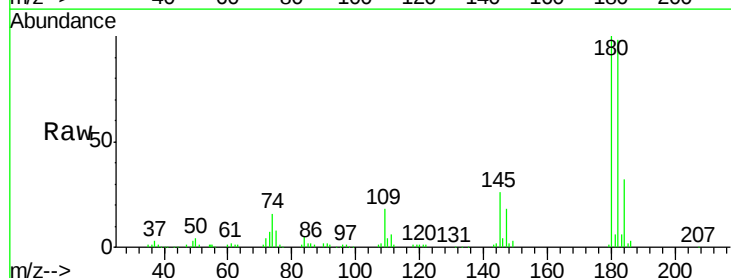
Tgt Ion:180 Resp: 182587

Ion Ratio Lower Upper

180 100

182 98.2 76.2 114.4

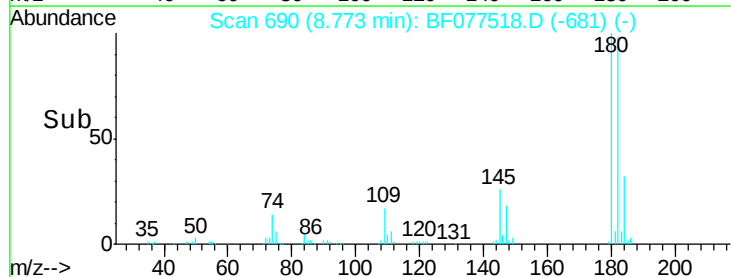
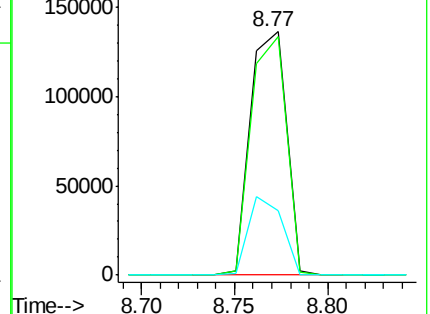
145 26.4 24.5 36.7

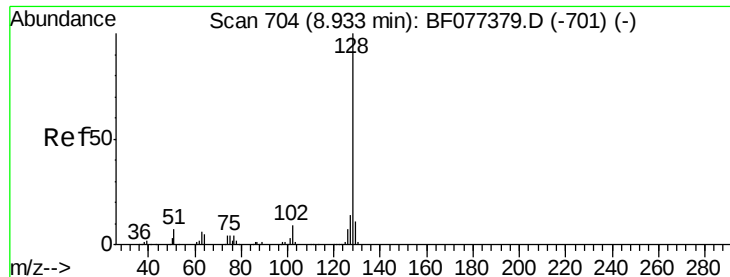


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

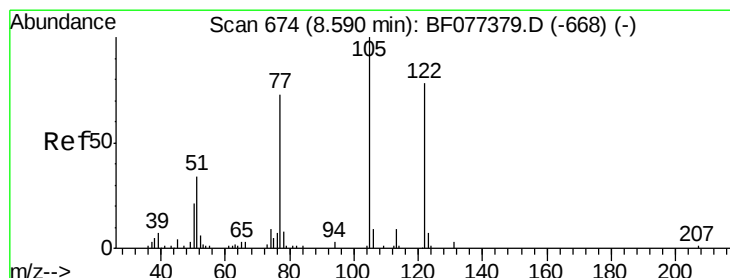
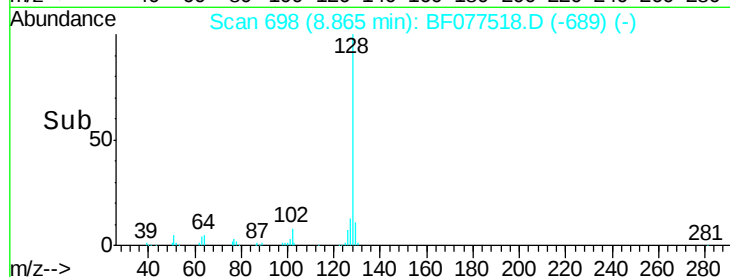
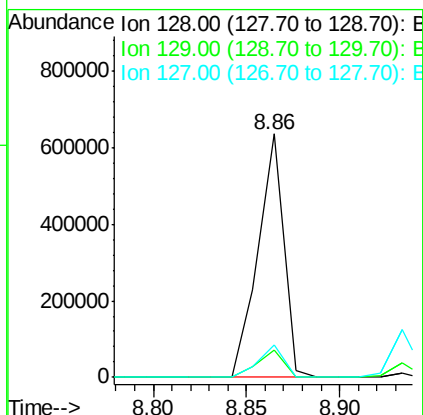
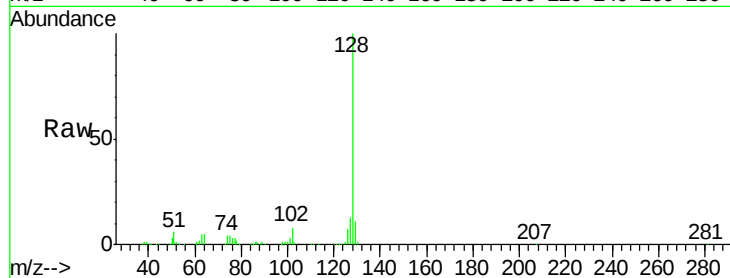




#31
Naphthalene
Concen: 30.29 ng
RT: 8.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

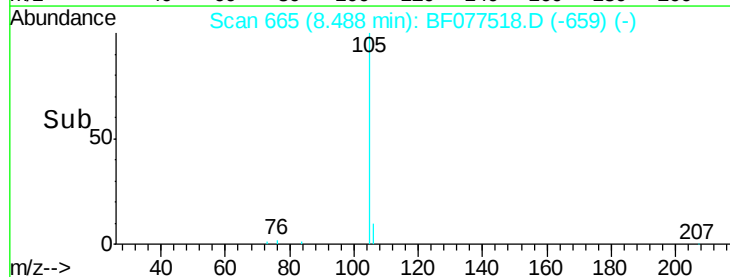
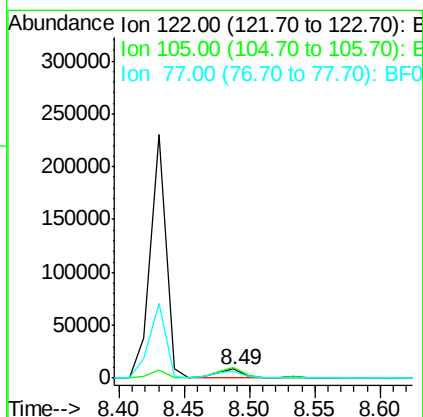
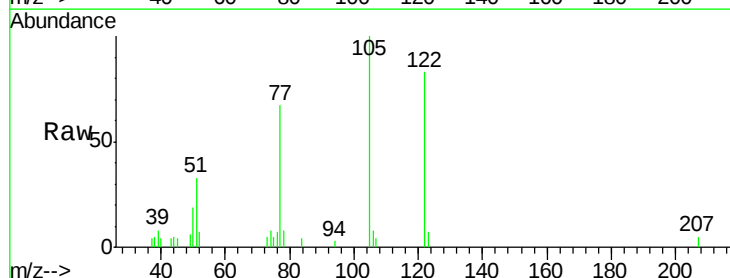
Instrument :
BNA_F
ClientSampleId :
1121-20MSD

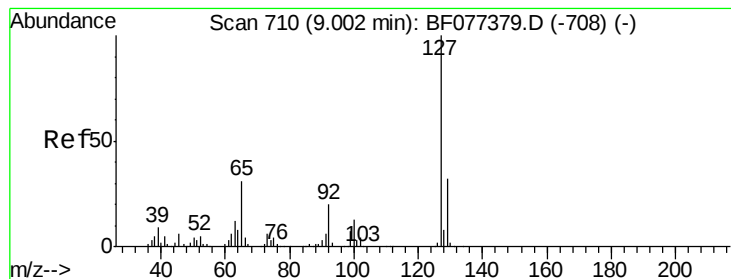
Tgt Ion:128 Resp: 606261
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 3.70 ng
RT: 8.49 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Tgt Ion:122 Resp: 11171
Ion Ratio Lower Upper
122 100
105 120.3 100.3 140.3
77 80.7 68.7 108.7





#33

4-Chloroaniline

Concen: 12.24 ng

RT: 8.93 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

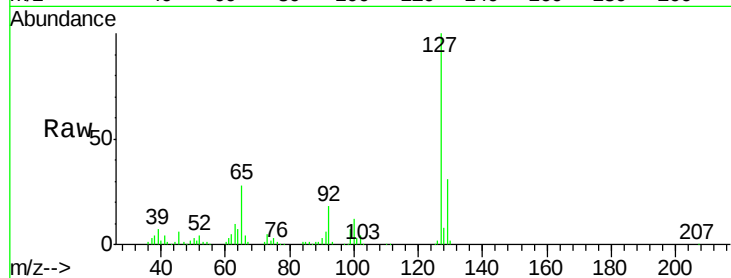
Instrument :

BNA_F

ClientSampleId :

1121-20MSD

Tgt Ion:	127	Resp:	108945
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.9	40.3
65	27.6	16.7	25.1#
92	17.7	12.5	18.7

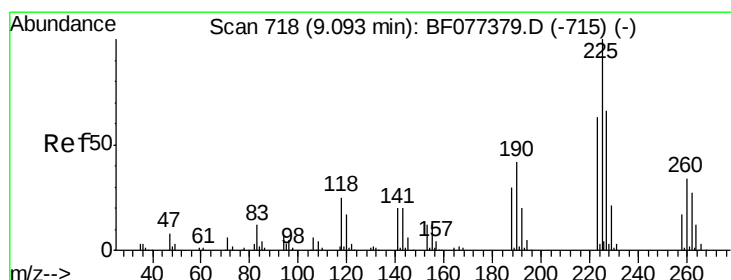
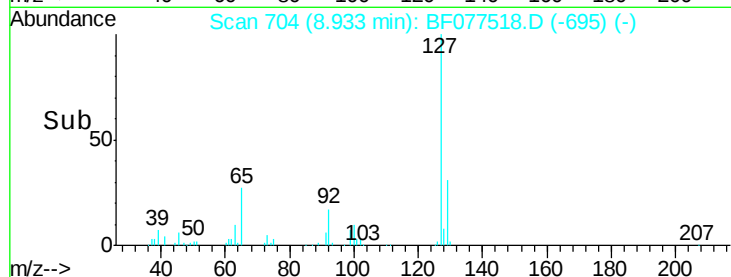
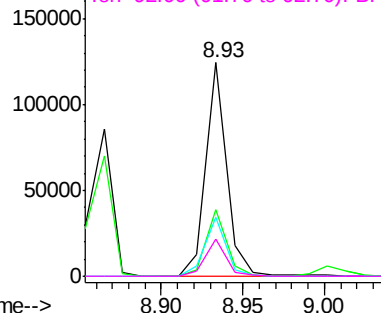


Abundance Ion 127.00 (126.70 to 127.70): E

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: 28.97 ng

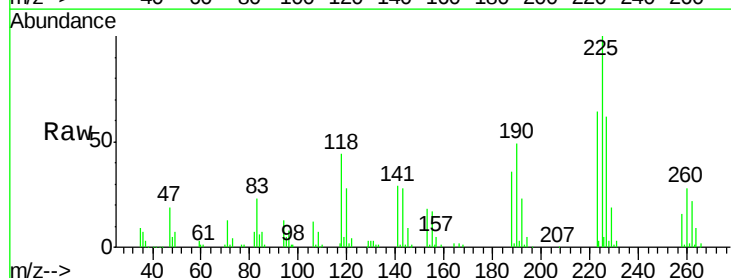
RT: 9.02 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

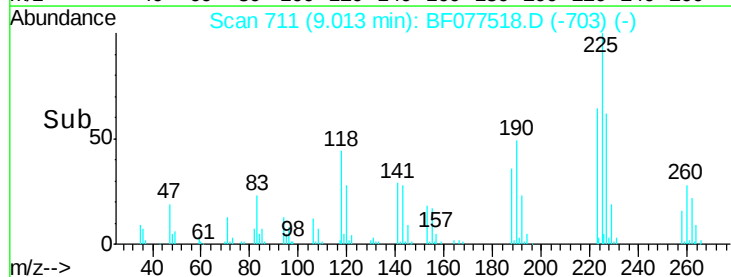
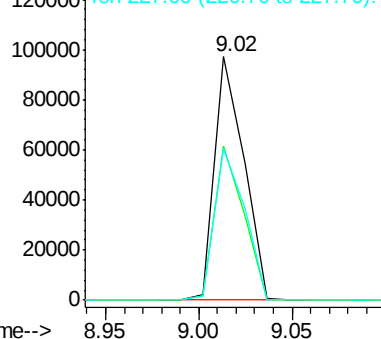
Tgt Ion:	225	Resp:	106000
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.5	74.3
227	62.4	50.5	75.7

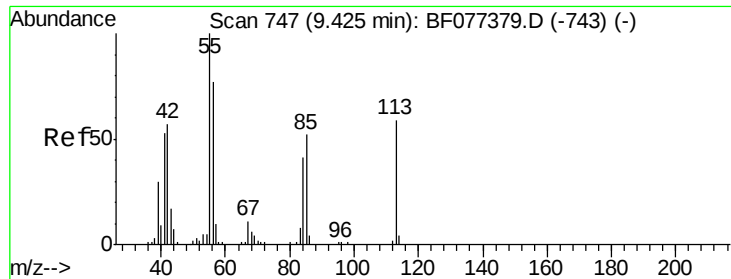


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

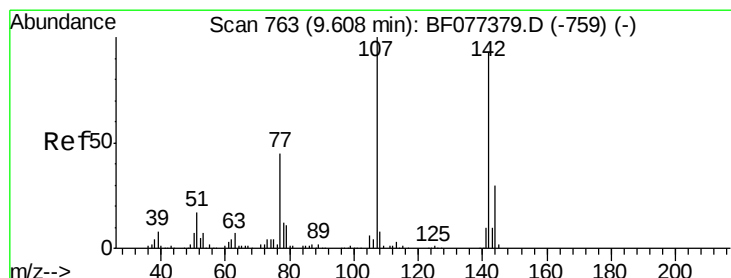
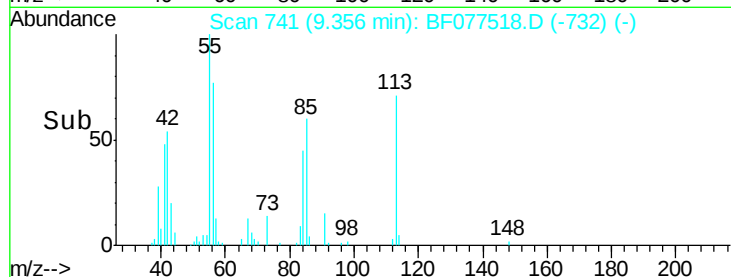
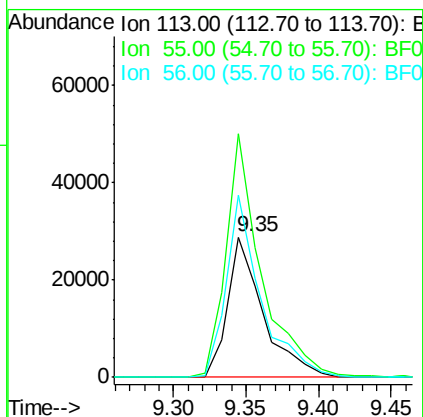
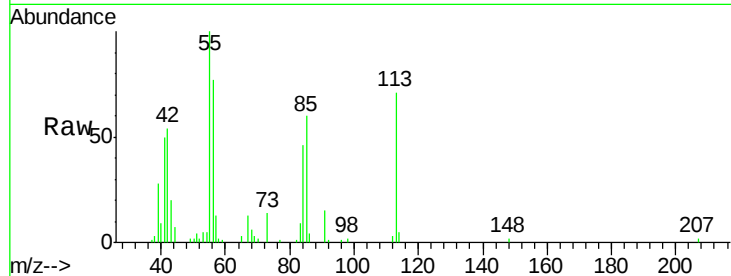




#35
 Caprolactam
 Concen: 27.63 ng
 RT: 9.35 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

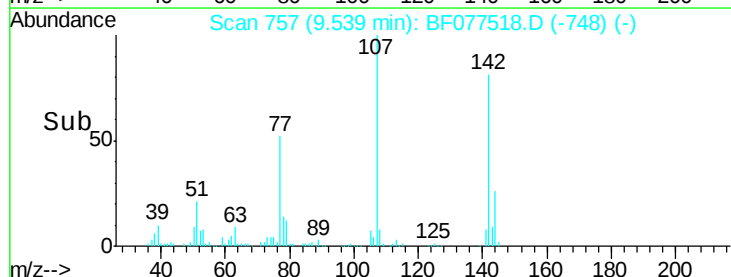
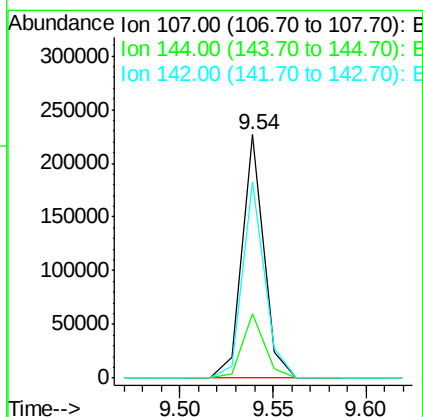
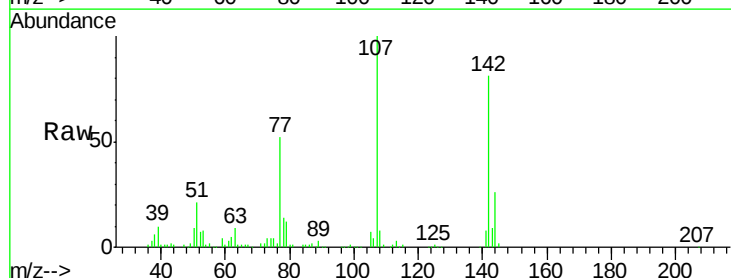
Instrument :
 BNA_F
 ClientSampleId :
 1121-20MSD

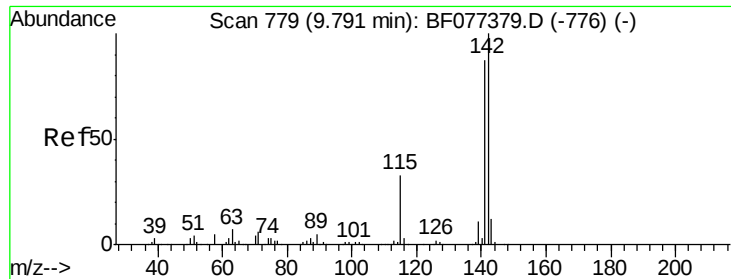
Tgt Ion:113 Resp: 49178
 Ion Ratio Lower Upper
 113 100
 55 141.7 154.6 194.6#
 56 108.9 114.0 154.0#



#36
 4-Chloro-3-methylphenol
 Concen: 31.72 ng
 RT: 9.54 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

Tgt Ion:107 Resp: 185923
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.1 31.7
 142 80.7 65.3 97.9

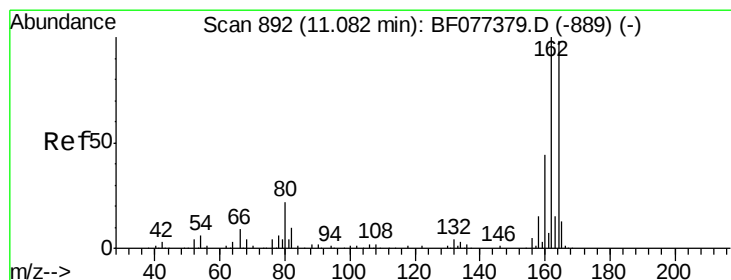
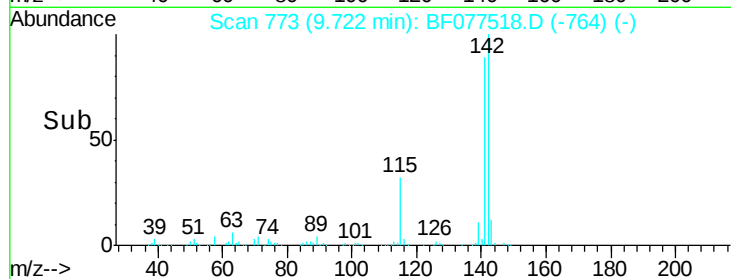
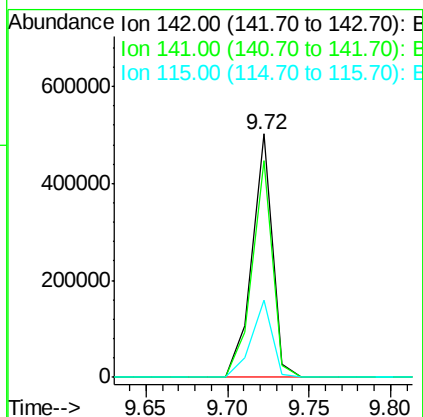
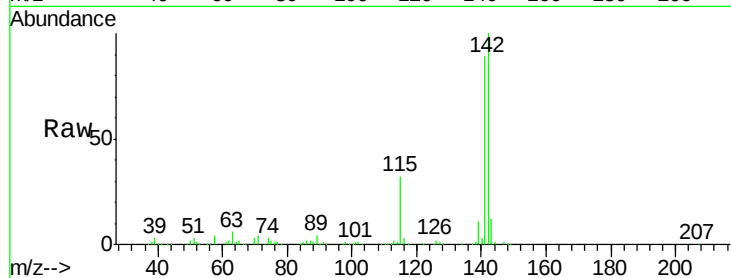




#37
 2-Methylnaphthalene
 Concen: 30.76 ng
 RT: 9.72 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

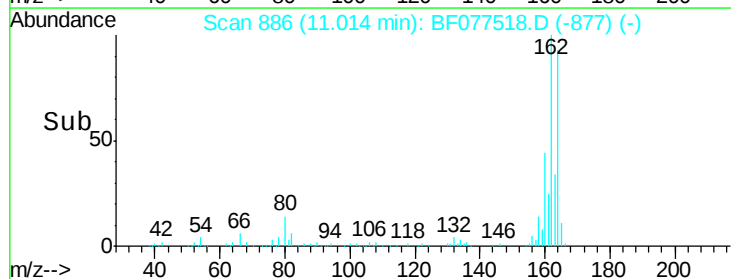
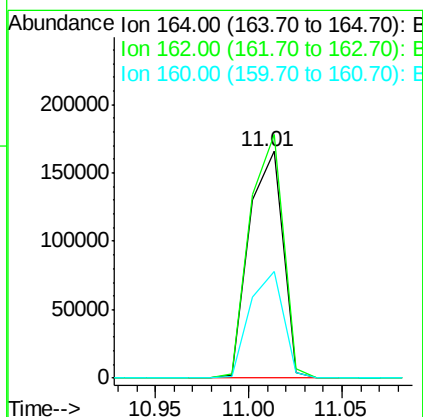
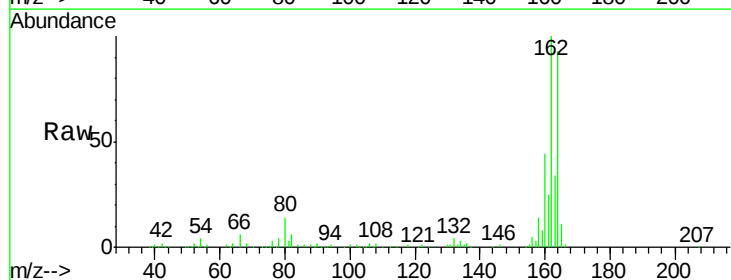
Instrument :
 BNA_F
 ClientSampleId :
 1121-20MSD

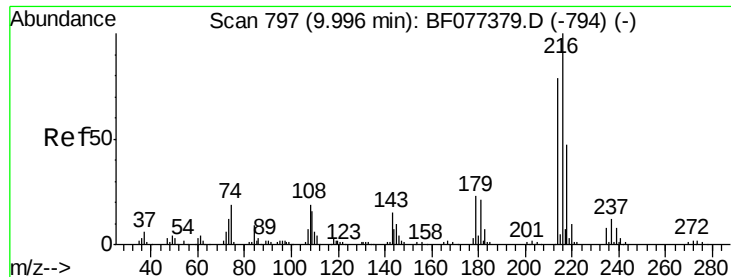
Tgt Ion:142 Resp: 437296
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.7 106.1
 115 32.0 24.2 36.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

Tgt Ion:164 Resp: 207317
 Ion Ratio Lower Upper
 164 100
 162 107.5 83.2 124.8
 160 47.2 34.6 52.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.16 ng

RT: 9.93 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

Tgt Ion:216 Resp: 197266

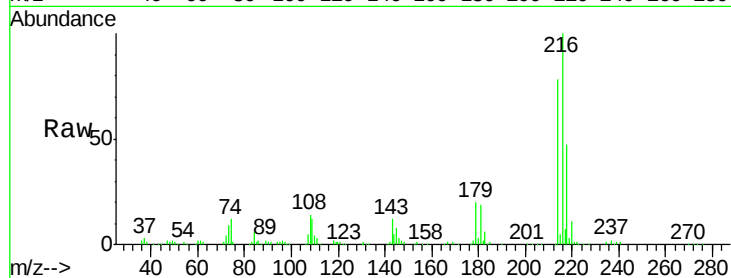
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 21.2 16.6 25.0

108 20.8 14.2 21.4

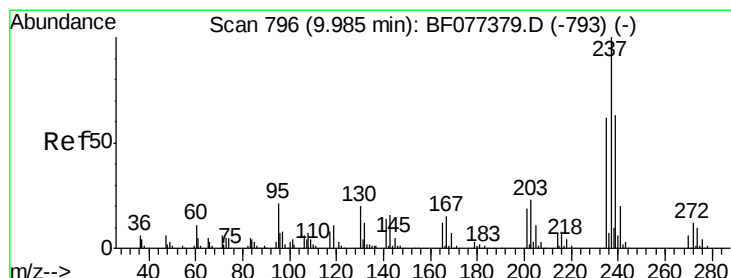
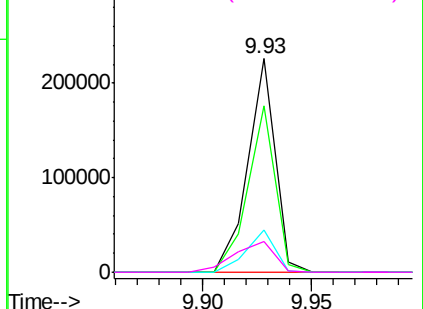
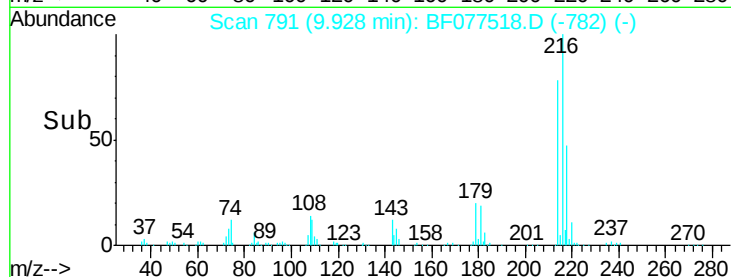


Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.90 ng

RT: 9.91 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

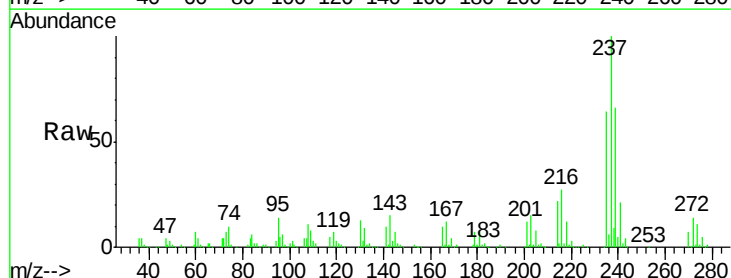
Tgt Ion:237 Resp: 187882

Ion Ratio Lower Upper

237 100

235 63.5 41.0 81.0

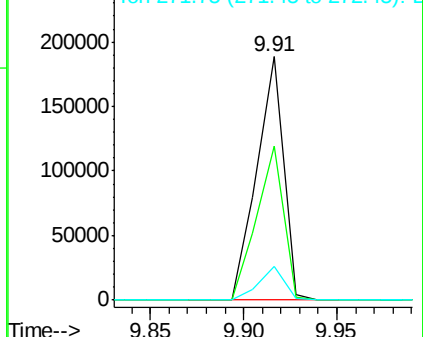
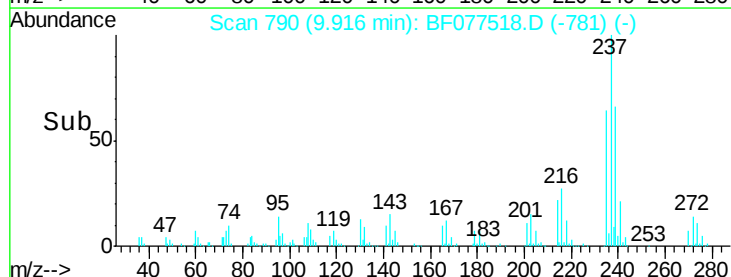
272 13.9 0.0 34.3

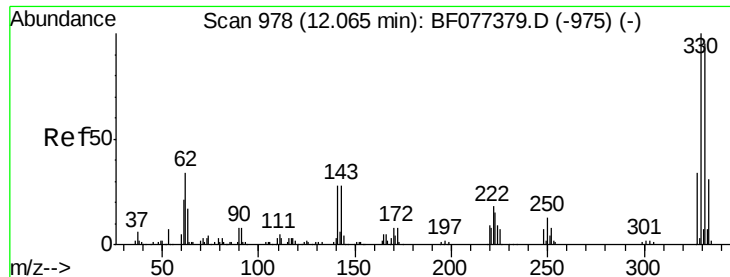


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

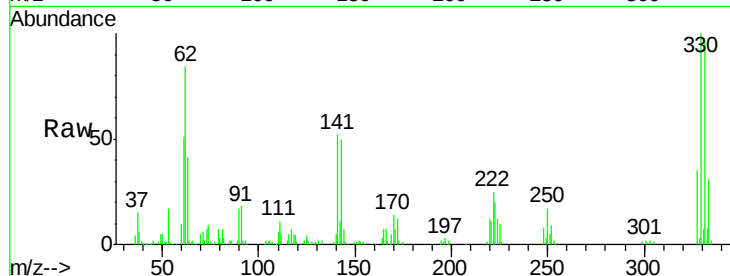




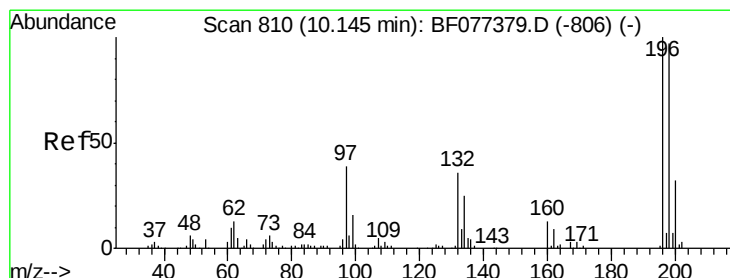
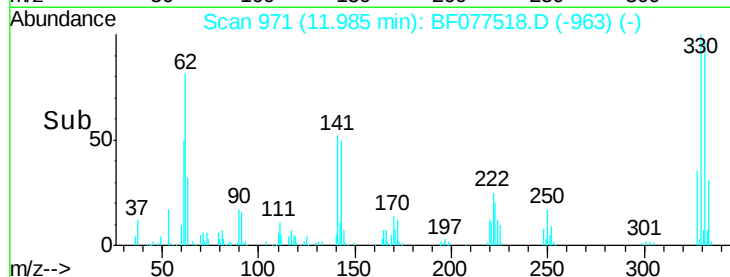
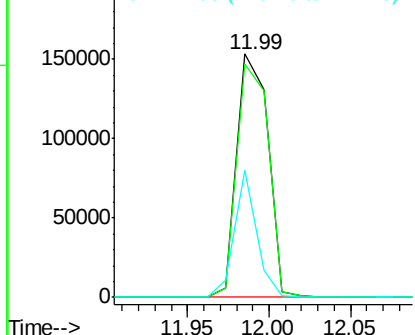
#41
 2,4,6-Tribromophenol
 Concen: 101.78 ng
 RT: 11.99 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :
 1121-20MSD

Tgt Ion:330 Resp: 203183
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 36.7 28.8 43.2

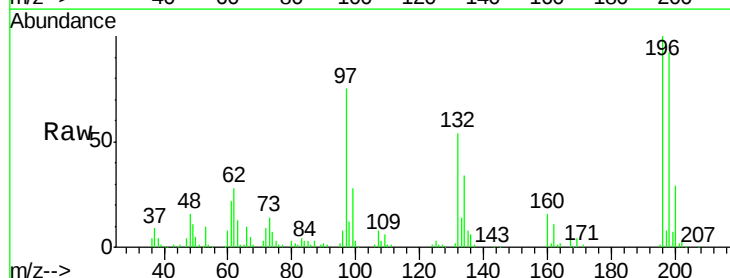


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

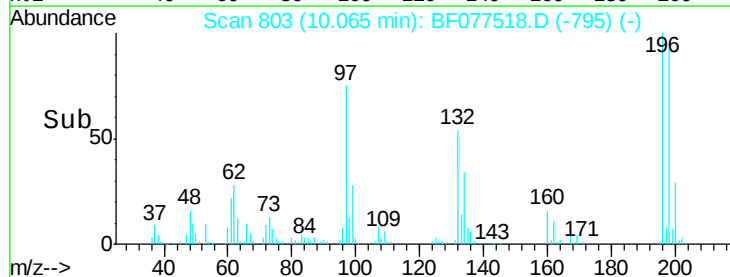
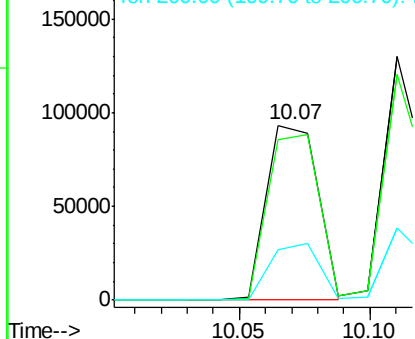


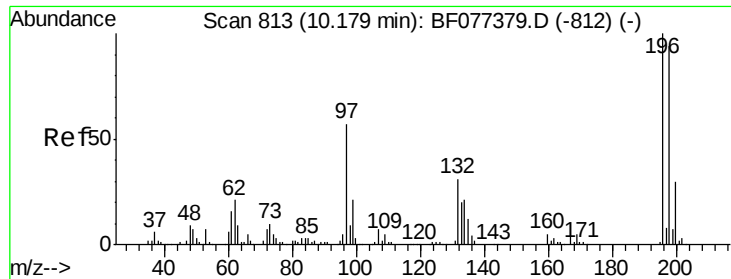
#42
 2,4,6-Trichlorophenol
 Concen: 32.48 ng
 RT: 10.07 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

Tgt Ion:196 Resp: 127940
 Ion Ratio Lower Upper
 196 100
 198 91.7 75.8 113.8
 200 28.7 24.2 36.4



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

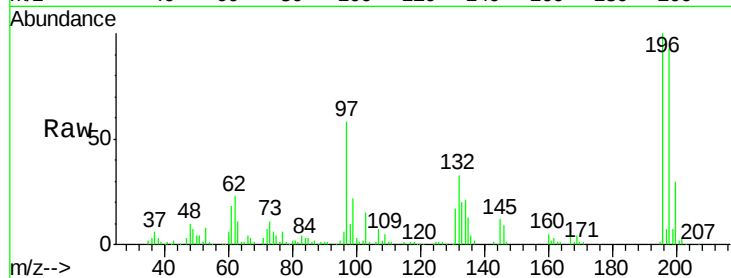




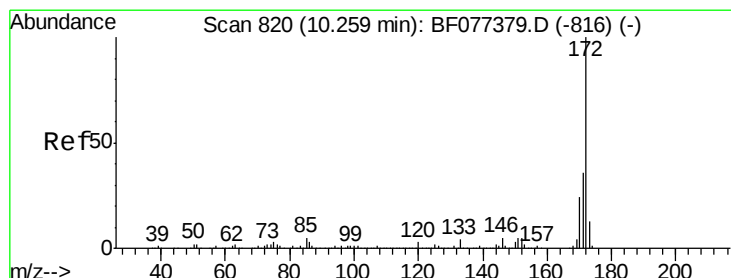
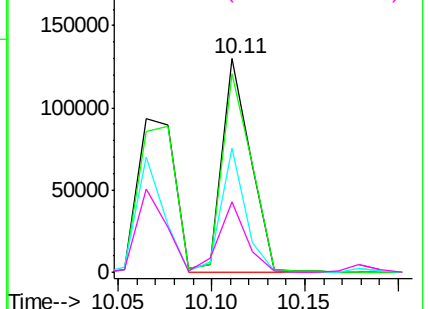
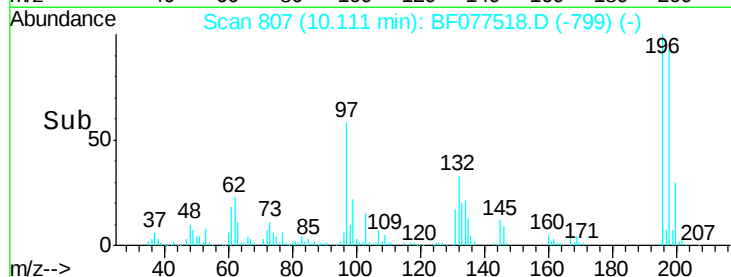
#43
 2,4,5-Trichlorophenol
 Concen: 32.76 ng
 RT: 10.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :
 1121-20MSD

Tgt Ion:196 Resp: 138016
 Ion Ratio Lower Upper
 196 100
 198 92.7 77.2 115.8
 97 58.3 27.7 41.5#
 132 33.1 18.0 27.0#

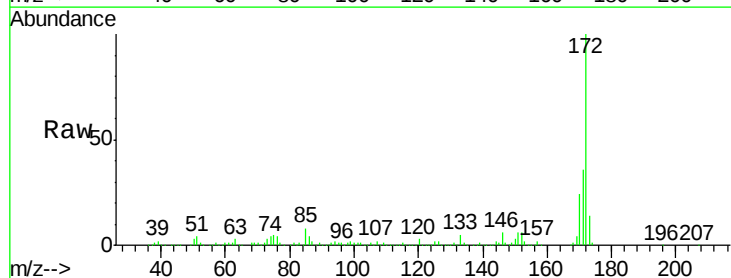


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

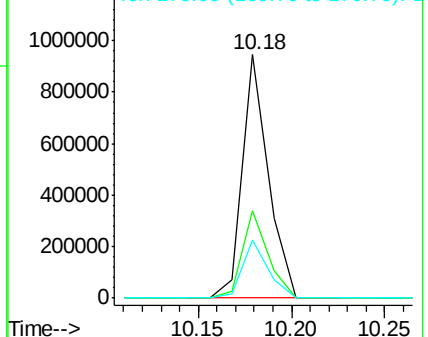
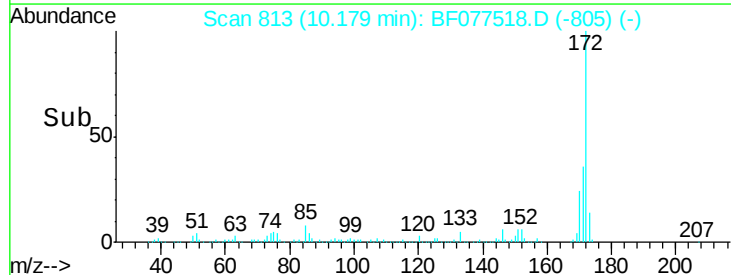


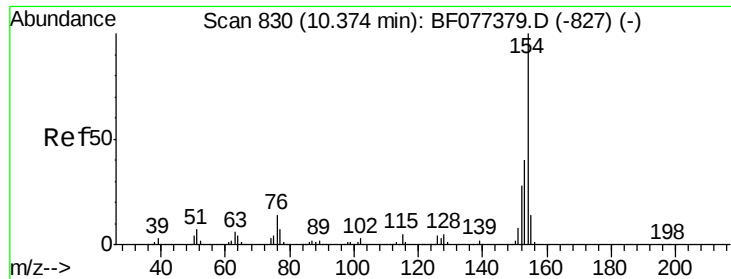
#44
 2-Fluorobiphenyl
 Concen: 68.41 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

Tgt Ion:172 Resp: 909573
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 23.9 19.4 29.2



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

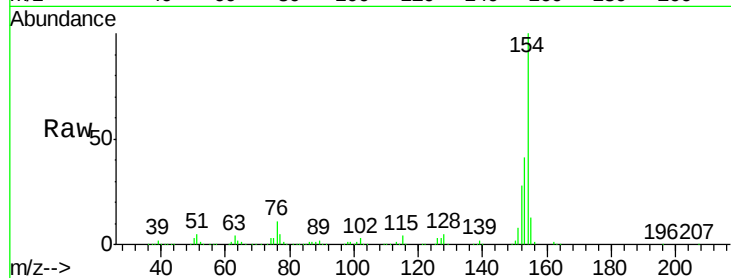




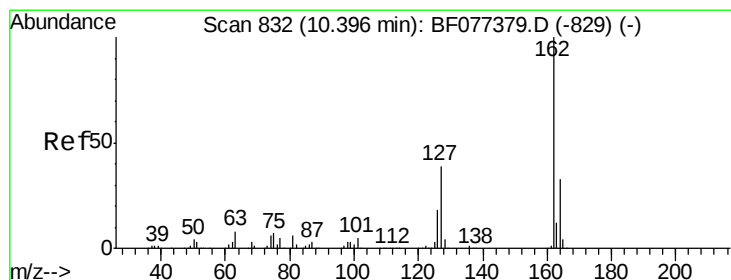
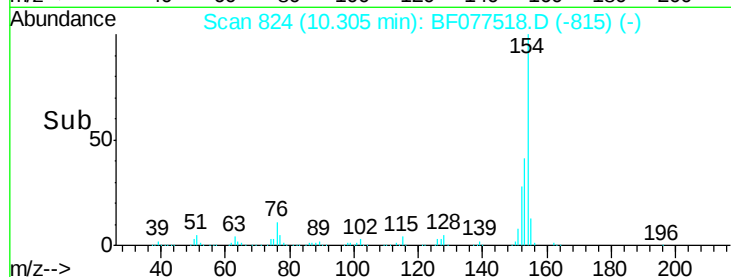
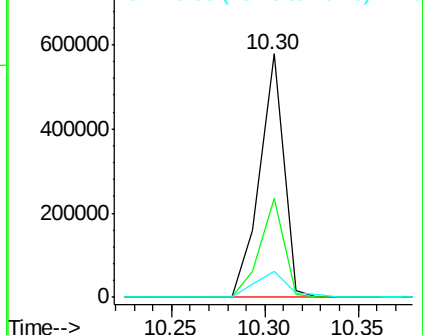
#45
 1,1'-Biphenyl
 Concen: 32.96 ng
 RT: 10.30 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :
 1121-20MSD

Tgt Ion:	154	Resp:	517691
Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.2	60.2
76	10.7	0.0	29.4

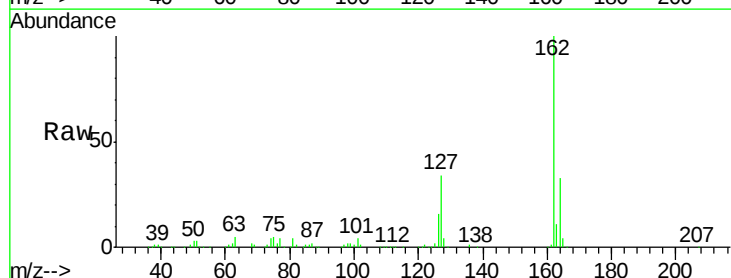


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

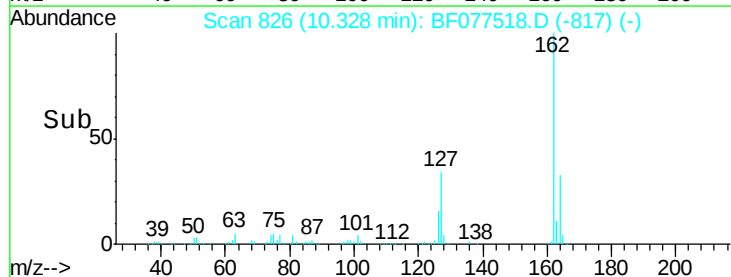
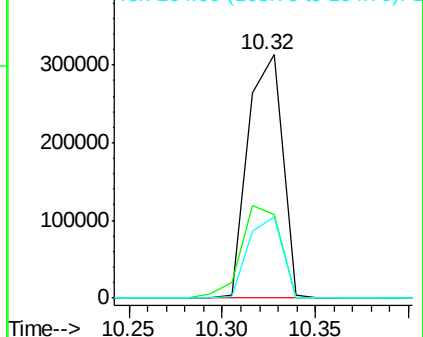


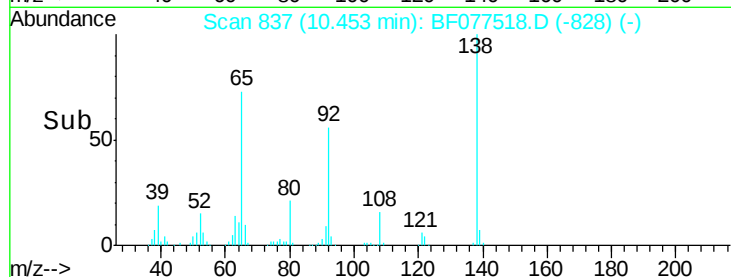
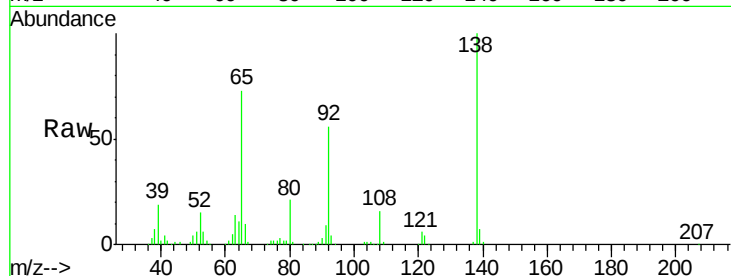
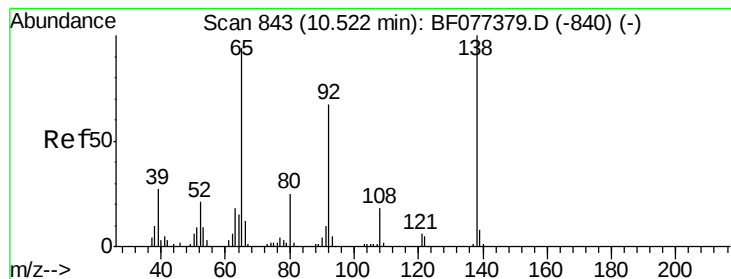
#46
 2-Chloronaphthalene
 Concen: 32.62 ng
 RT: 10.32 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

Tgt Ion:	162	Resp:	401770
Ion	Ratio	Lower	Upper
162	100		
127	34.3	33.3	49.9
164	33.4	26.2	39.4



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





#47

2-Nitroaniline

Concen: 36.84 ng

RT: 10.45 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

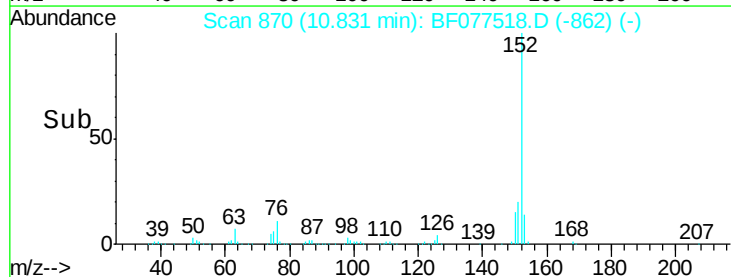
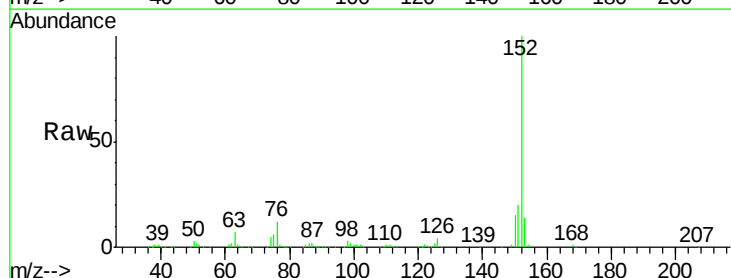
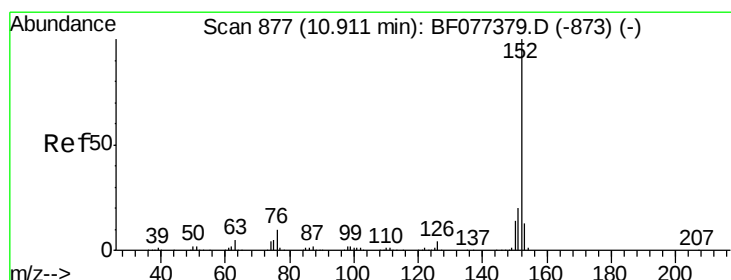
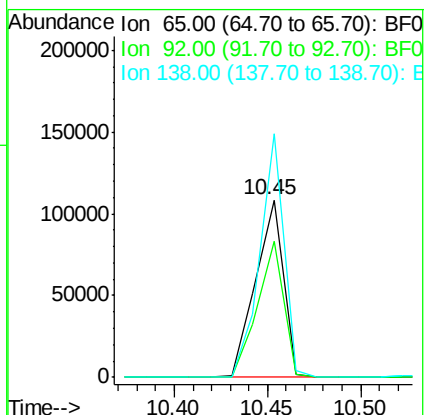
Tgt Ion: 65 Resp: 111696

Ion Ratio Lower Upper

65 100

92 77.0 52.4 78.6

138 137.1 73.4 110.0#



#48

Acenaphthylene

Concen: 32.06 ng

RT: 10.83 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

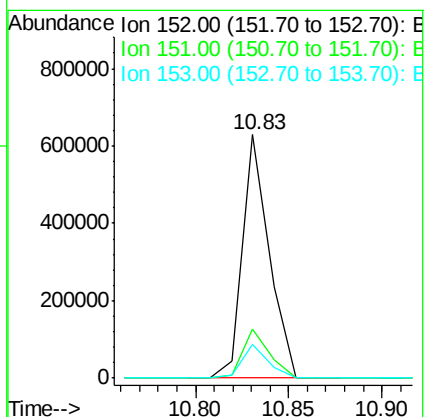
Tgt Ion: 152 Resp: 625108

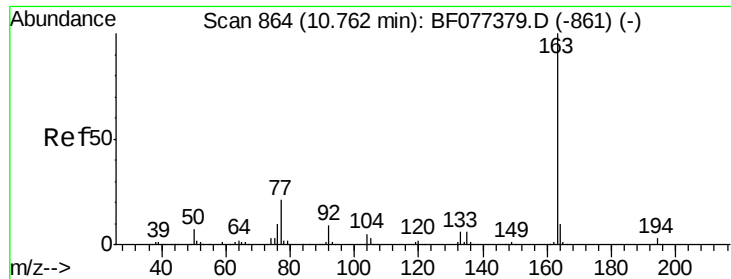
Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.8 10.9 16.3

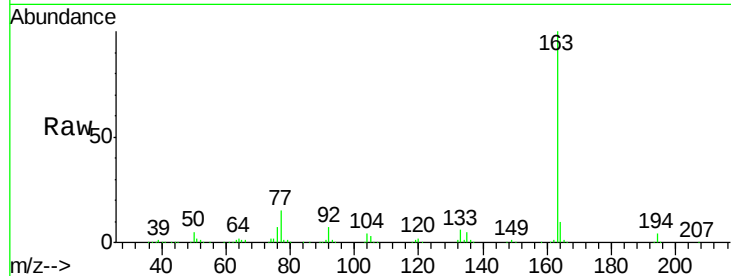




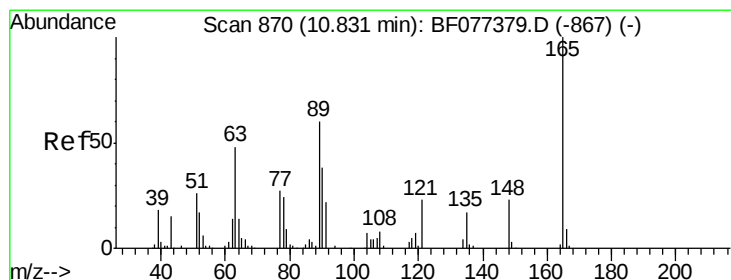
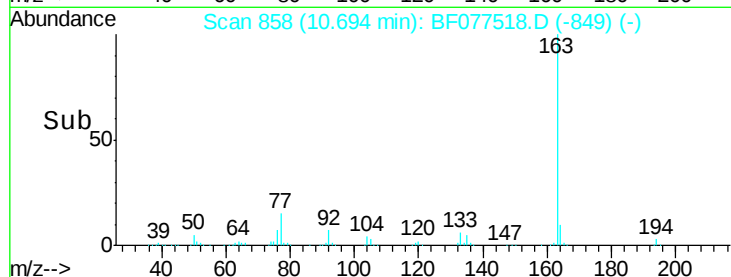
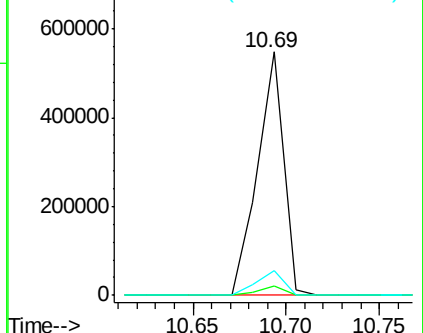
#49
Dimethylphthalate
Concen: 36.30 ng
RT: 10.69 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Instrument :
BNA_F
ClientSampleId :
1121-20MSD

Tgt Ion:163 Resp: 529016
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.9 8.6 13.0

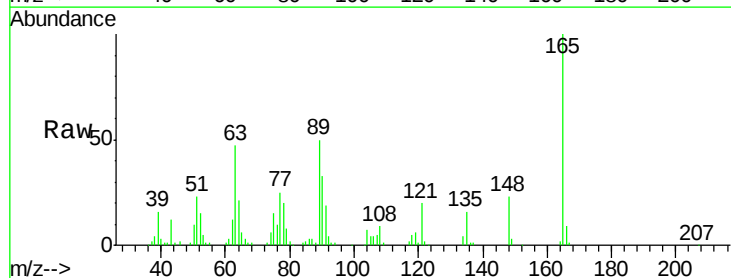


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

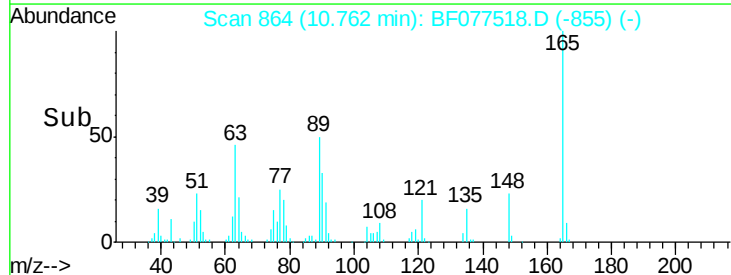
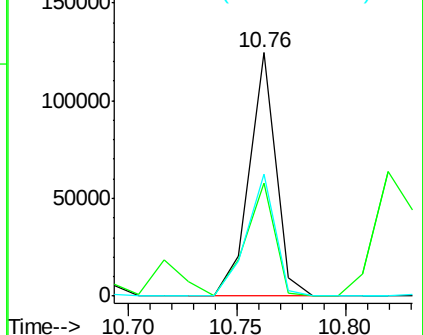


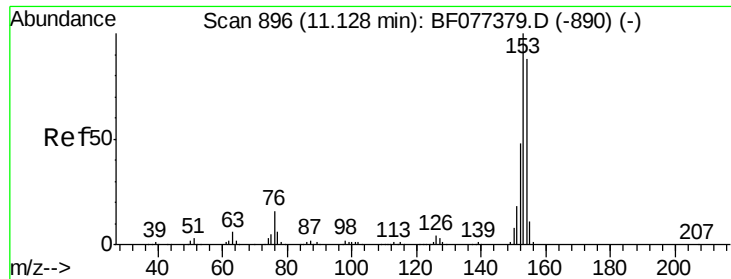
#50
2,6-Dinitrotoluene
Concen: 36.30 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Tgt Ion:165 Resp: 106078
Ion Ratio Lower Upper
165 100
63 46.5 25.2 37.8#
89 50.1 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

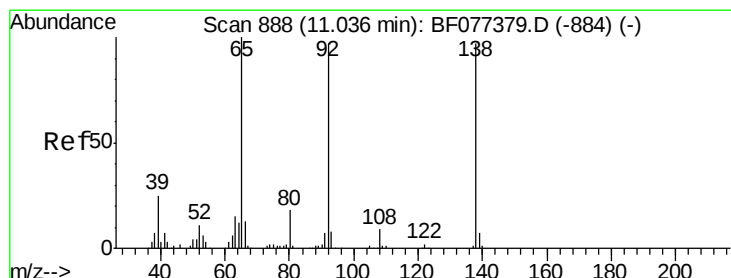
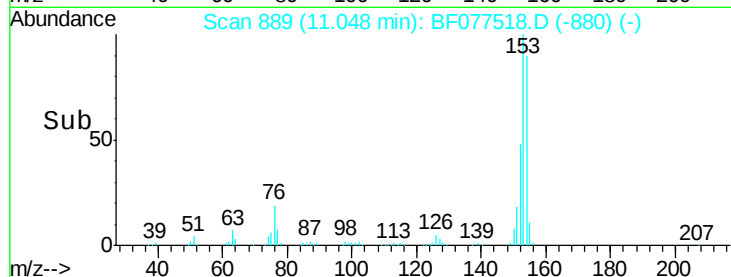
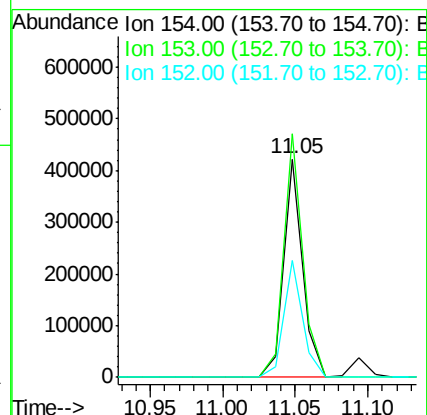
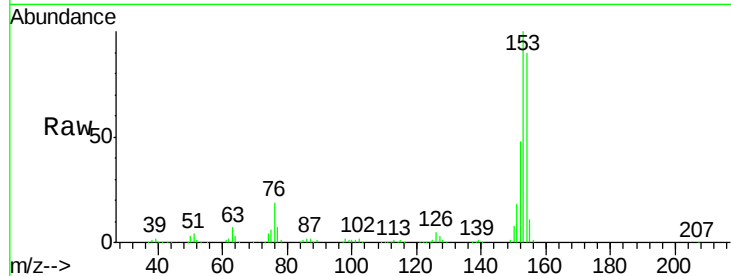




#51
Acenaphthene
Concen: 32.79 ng
RT: 11.05 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

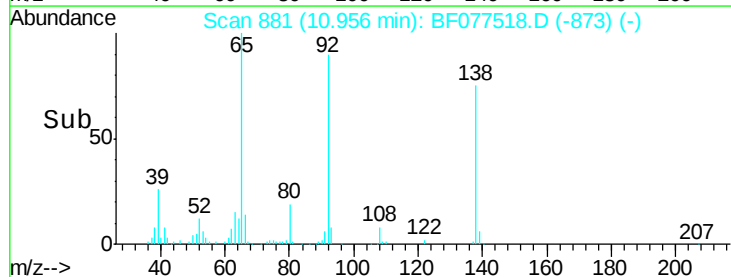
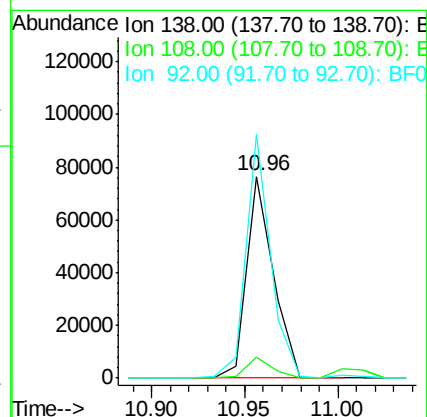
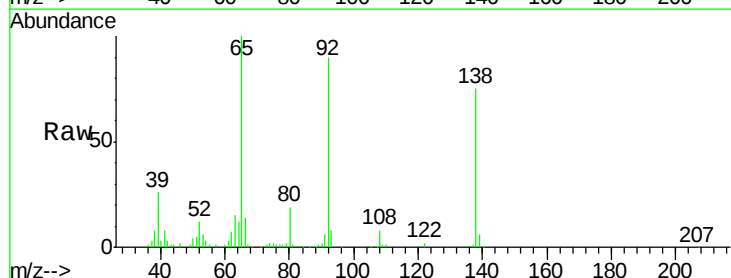
Instrument :
BNA_F
ClientSampleId :
1121-20MSD

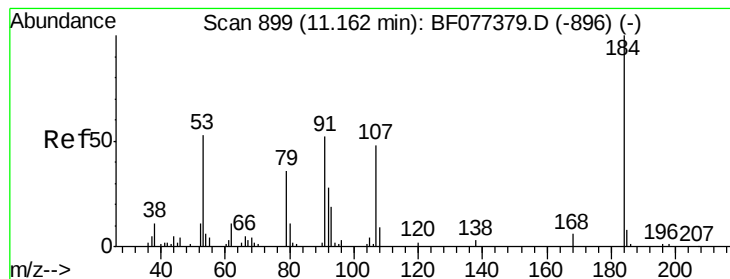
Tgt Ion:154 Resp: 381550
Ion Ratio Lower Upper
154 100
153 111.5 90.5 135.7
152 53.4 43.5 65.3



#52
3-Nitroaniline
Concen: 22.51 ng
RT: 10.96 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Tgt Ion:138 Resp: 75861
Ion Ratio Lower Upper
138 100
108 10.3 7.8 11.8
92 120.6 90.6 135.8





#53

2,4-Dinitrophenol

Concen: 57.76 ng

RT: 11.09 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

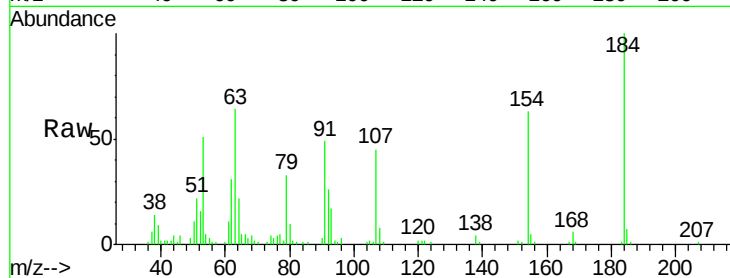
Tgt Ion:184 Resp: 51362

Ion Ratio Lower Upper

184 100

63 63.8 29.5 44.3#

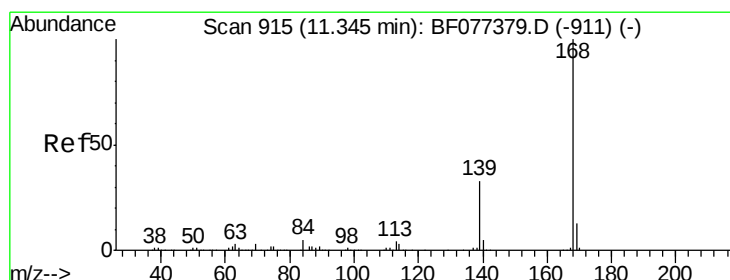
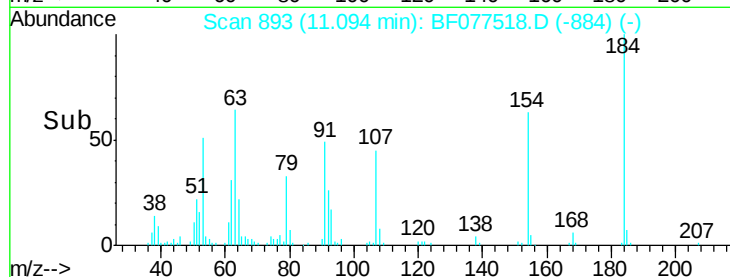
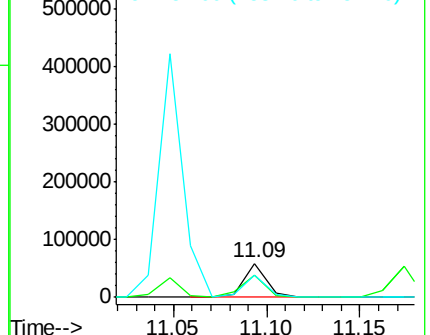
154 63.0 43.2 64.8



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: 32.36 ng

RT: 11.26 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

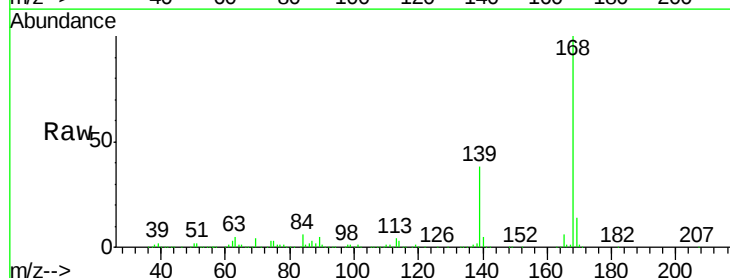
Tgt Ion:168 Resp: 581407

Ion Ratio Lower Upper

168 100

139 37.9 29.3 43.9

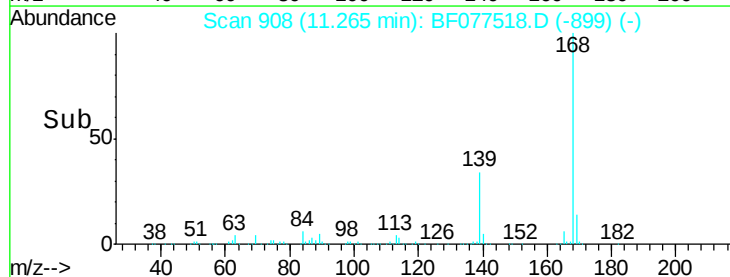
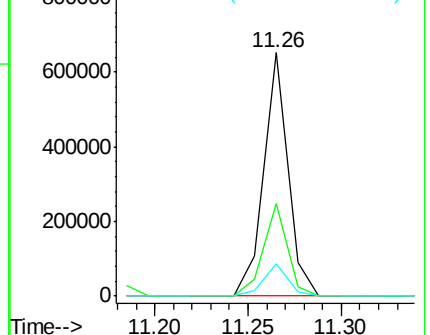
169 13.5 10.9 16.3

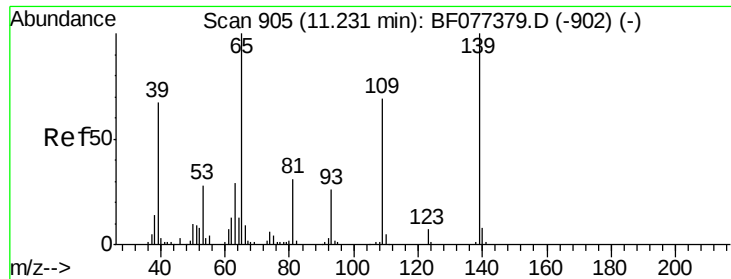


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

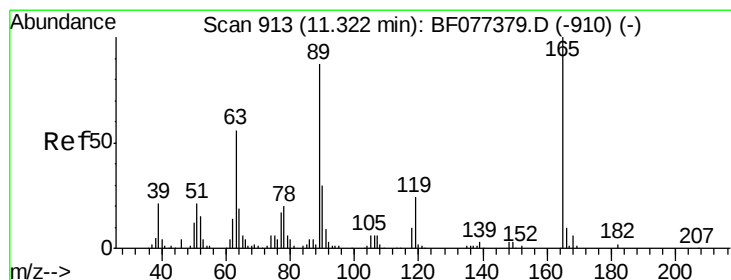
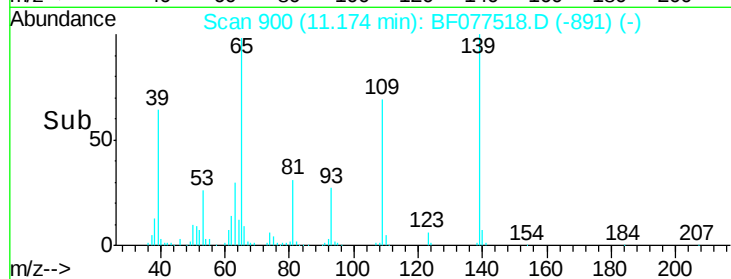
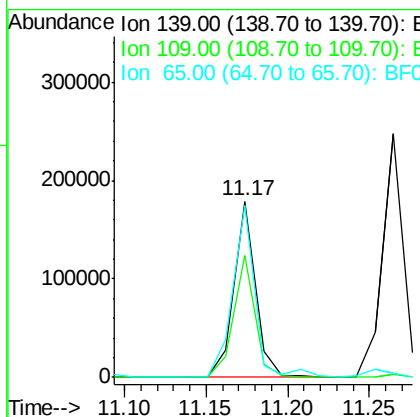
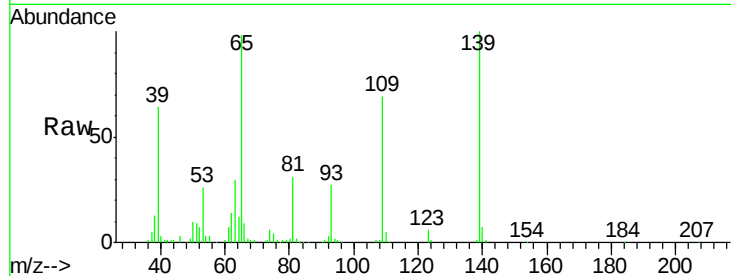




#55
4-Nitrophenol
Concen: 60.22 ng
RT: 11.17 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

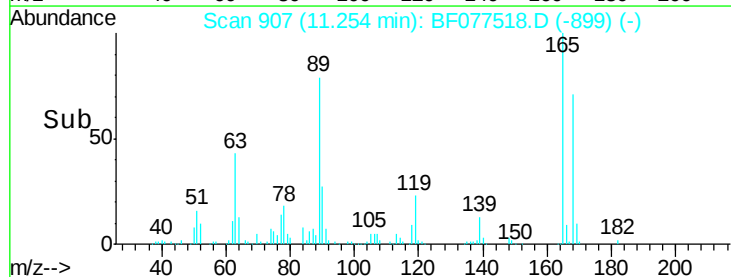
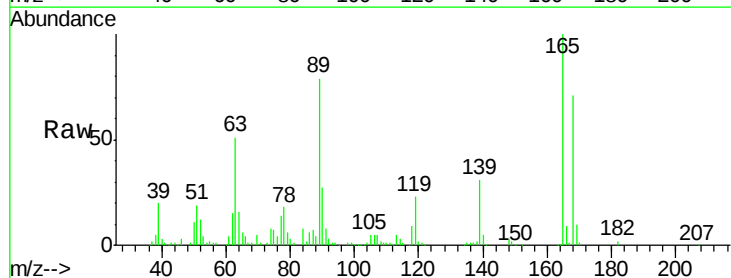
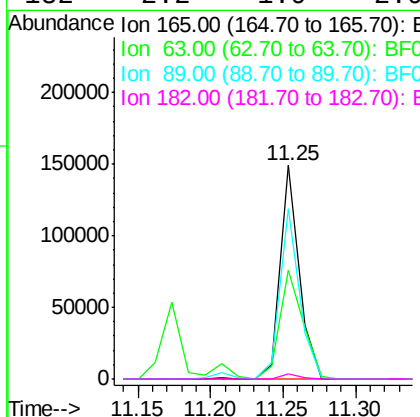
Instrument :
BNA_F
ClientSampleId :
1121-20MSD

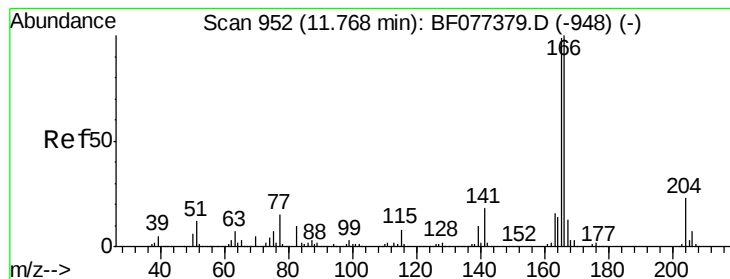
Tgt Ion:139 Resp: 163193
Ion Ratio Lower Upper
139 100
109 69.0 36.2 76.2
65 97.5 40.3 80.3#



#56
2,4-Dinitrotoluene
Concen: 34.40 ng
RT: 11.25 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Tgt Ion:165 Resp: 135836
Ion Ratio Lower Upper
165 100
63 51.0 29.8 44.8#
89 79.5 48.5 72.7#
182 2.2 1.9 2.9





#57

Fluorene

Concen: 32.89 ng

RT: 11.69 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

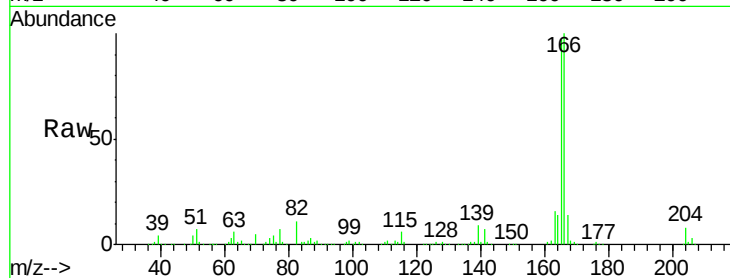
Tgt Ion:166 Resp: 472499

Ion Ratio Lower Upper

166 100

165 97.1 77.6 116.4

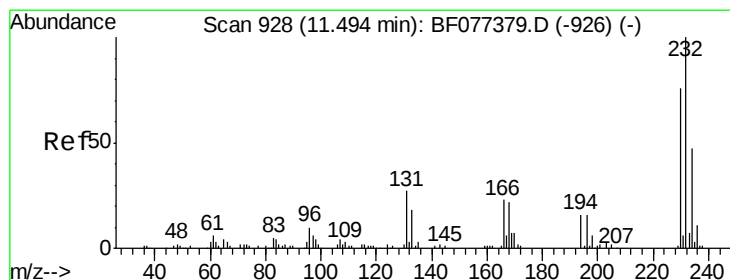
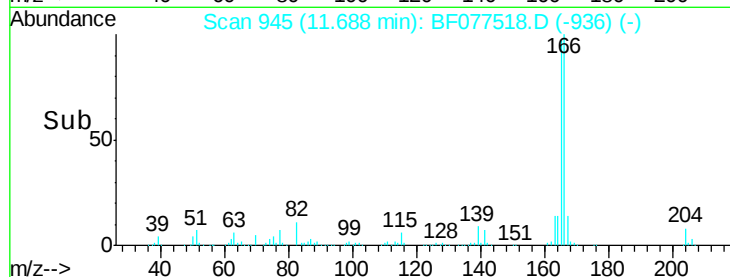
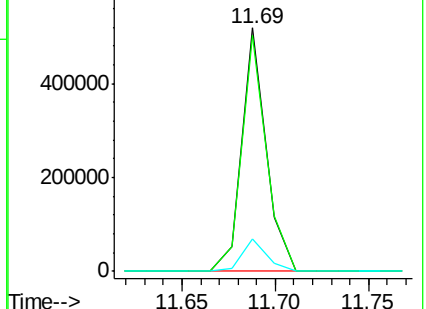
167 13.5 10.6 16.0



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: 34.63 ng

RT: 11.42 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Tgt Ion:232 Resp: 117284

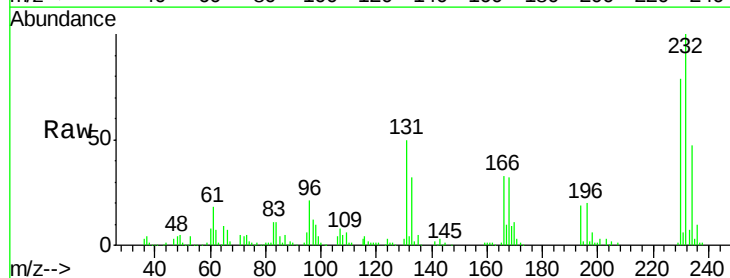
Ion Ratio Lower Upper

232 100

131 46.2 34.2 51.2

130 2.5 1.8 2.6

166 31.7 24.3 36.5

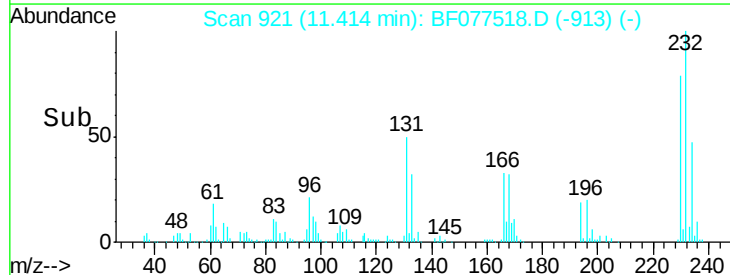
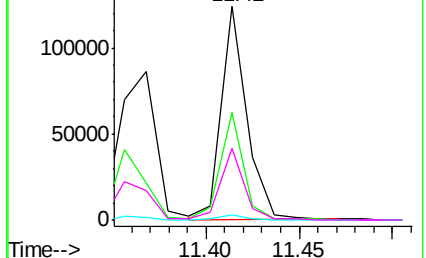


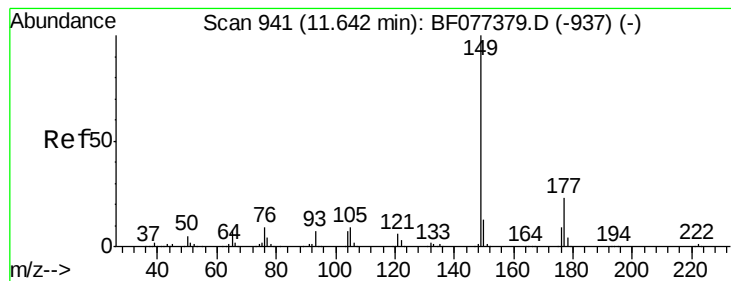
Abundance Ion 232.00 (231.70 to 232.70): E

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: 34.37 ng

RT: 11.57 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

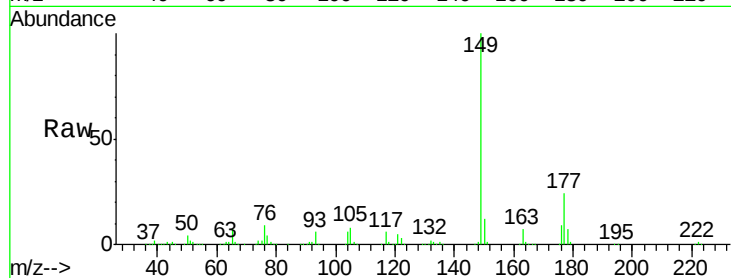
Tgt Ion:149 Resp: 493799

Ion Ratio Lower Upper

149 100

177 24.2 17.2 25.8

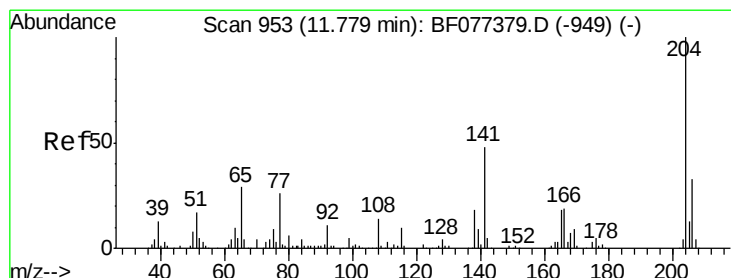
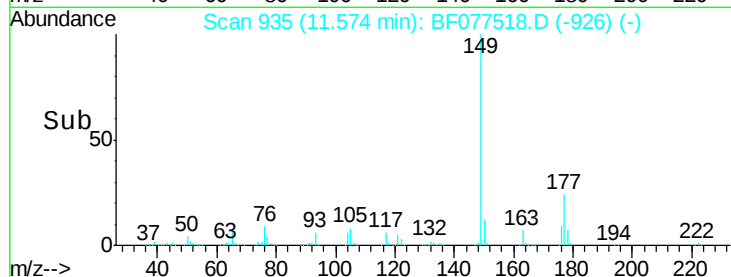
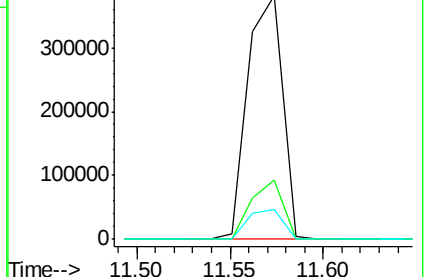
150 12.3 10.5 15.7



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: 32.96 ng

RT: 11.70 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

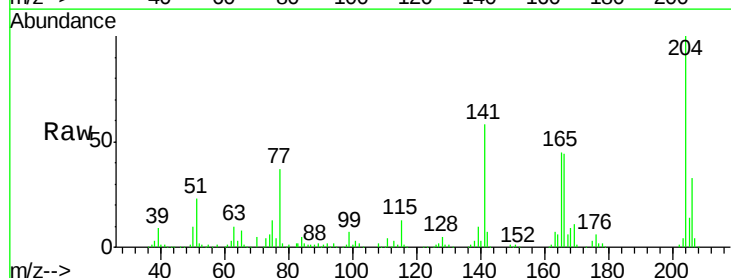
Tgt Ion:204 Resp: 228108

Ion Ratio Lower Upper

204 100

206 33.0 25.9 38.9

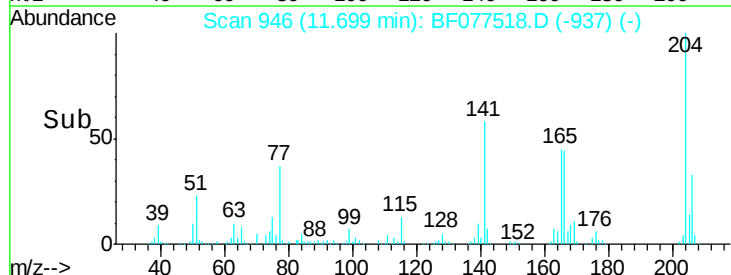
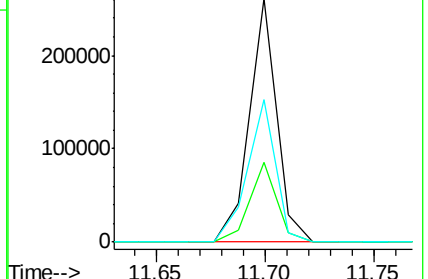
141 58.3 43.6 65.4

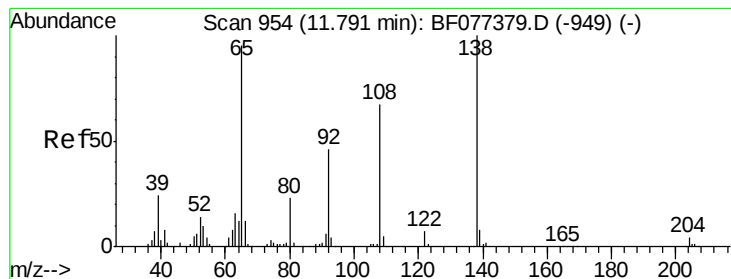


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.02 ng

RT: 11.71 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

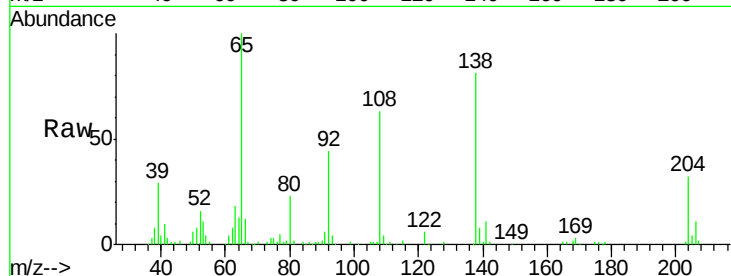
Tgt Ion:138 Resp: 103403

Ion Ratio Lower Upper

138 100

92 55.0 32.8 72.8

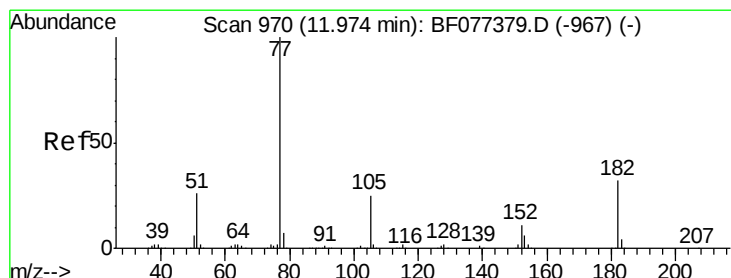
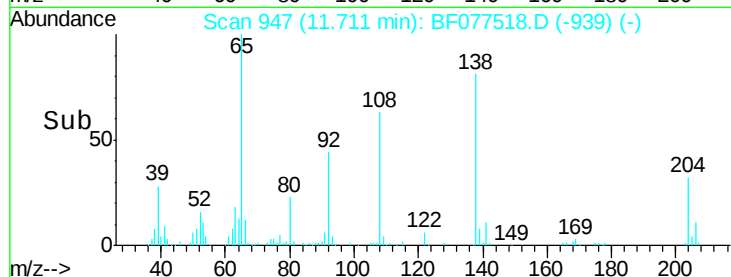
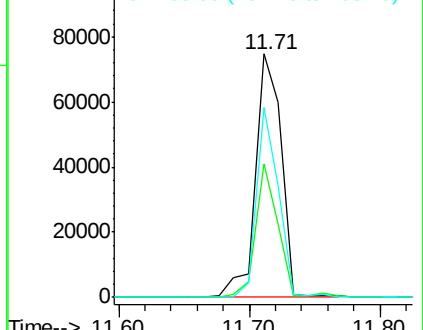
108 78.1 52.1 92.1



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: 34.35 ng

RT: 11.89 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Tgt Ion: 77 Resp: 468152

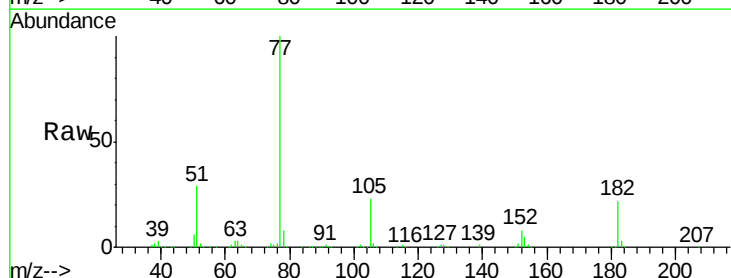
Ion Ratio Lower Upper

77 100

182 21.6 4.9 44.9

105 22.6 3.3 43.3

51 29.1 8.9 48.9

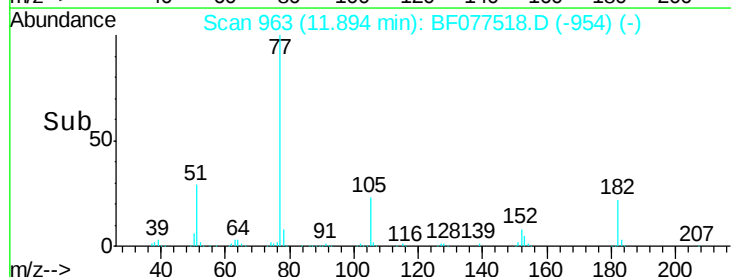
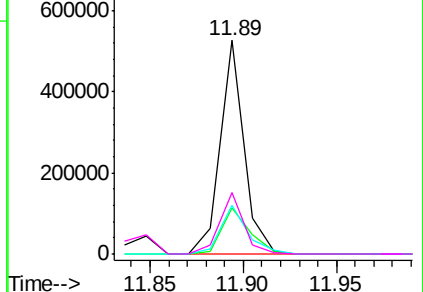


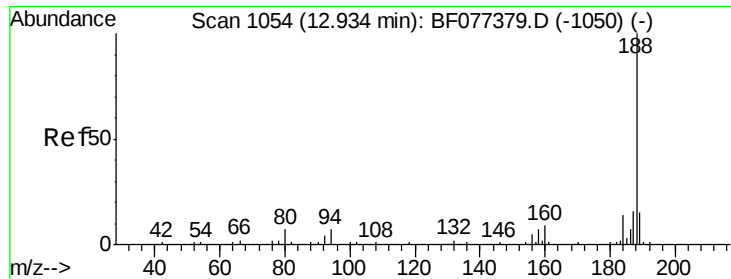
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

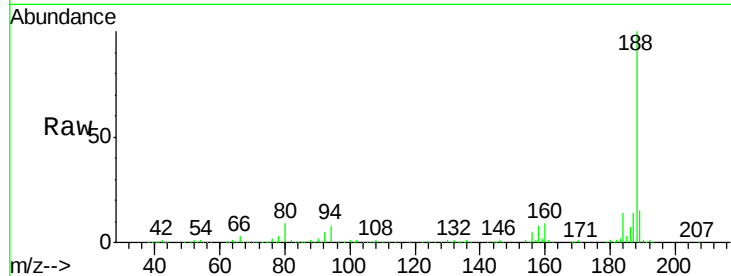




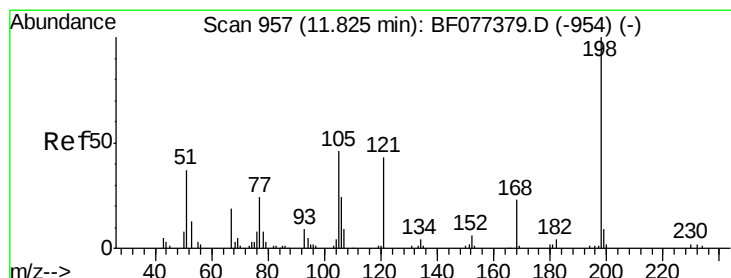
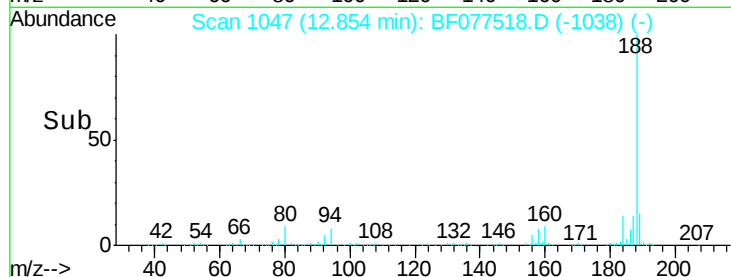
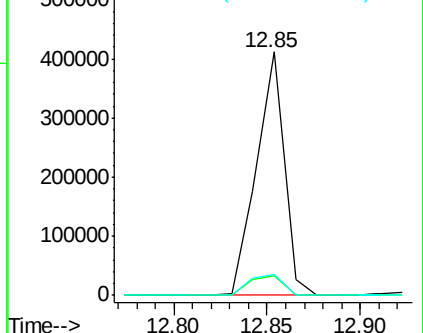
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Instrument :
BNA_F
ClientSampleId :
1121-20MSD

Tgt Ion:188 Resp: 423153
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.6 8.0 12.0

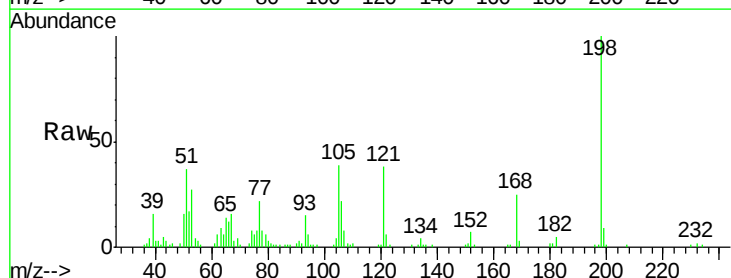


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

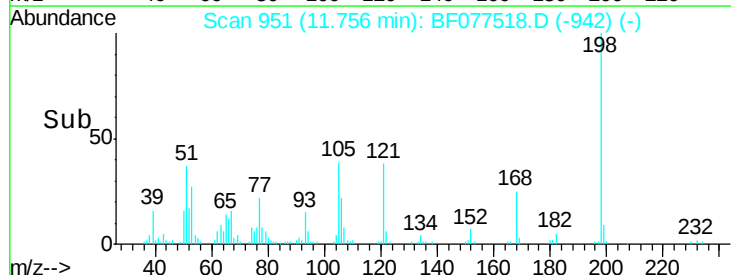
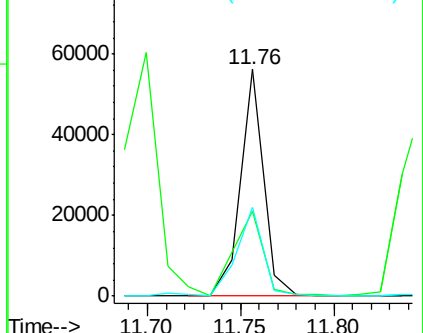


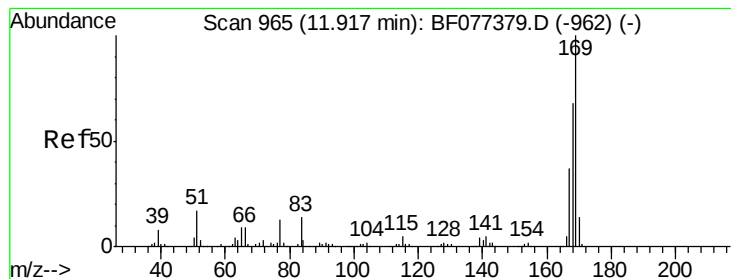
#64
4,6-Dinitro-2-methylphenol
Concen: 30.27 ng
RT: 11.76 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Tgt Ion:198 Resp: 48596
Ion Ratio Lower Upper
198 100
51 37.2 2.7 42.7
105 39.3 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: 29.96 ng

RT: 11.85 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

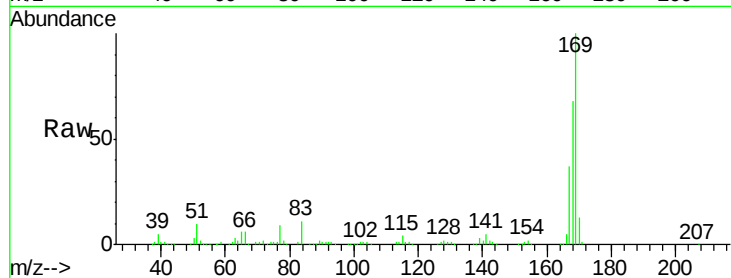
Tgt Ion:169 Resp: 420664

Ion Ratio Lower Upper

169 100

168 67.8 53.0 79.6

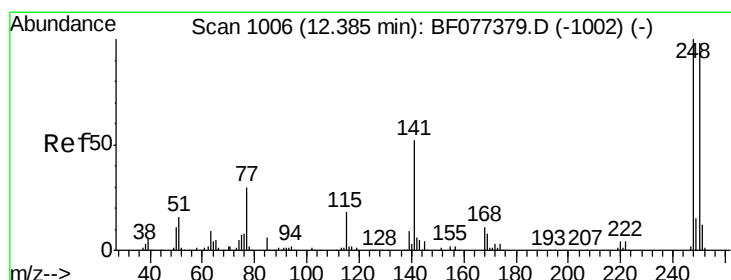
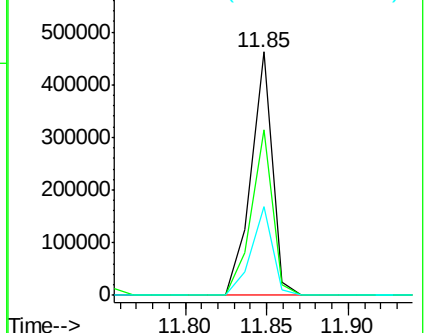
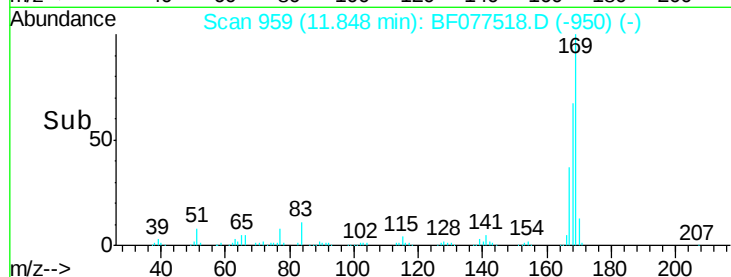
167 36.7 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 28.51 ng

RT: 12.31 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

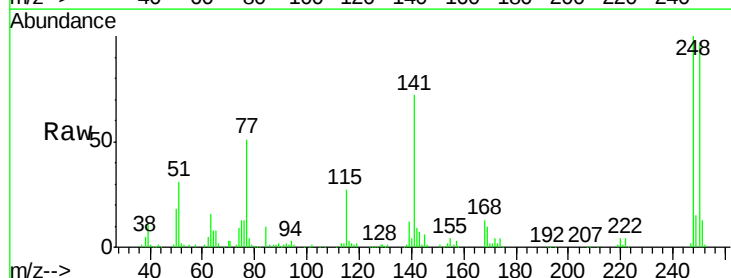
Tgt Ion:248 Resp: 141254

Ion Ratio Lower Upper

248 100

250 97.0 78.0 117.0

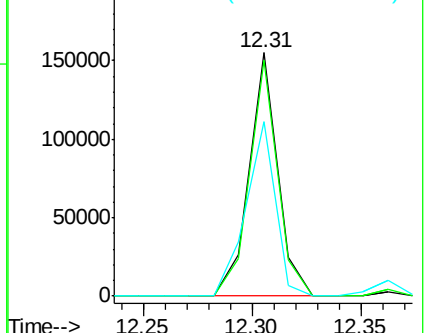
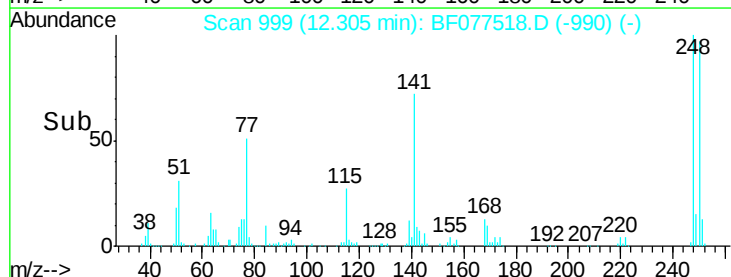
141 71.9 54.1 81.1

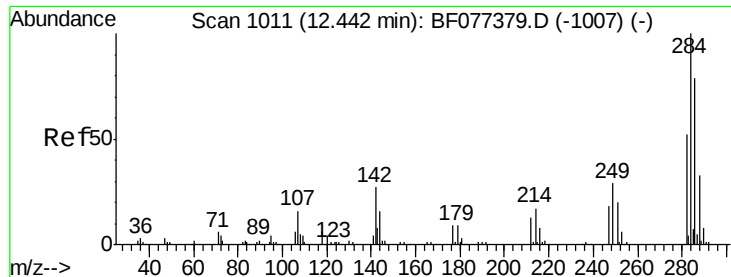


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

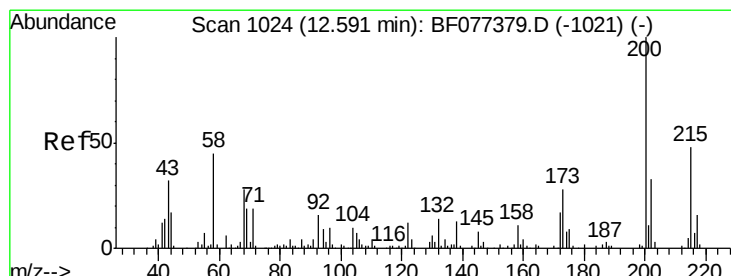
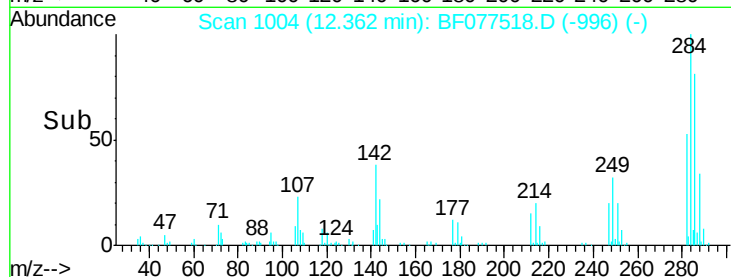
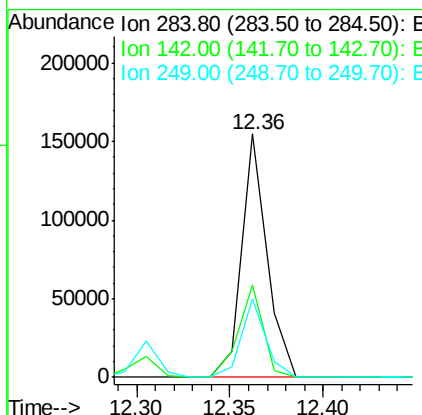
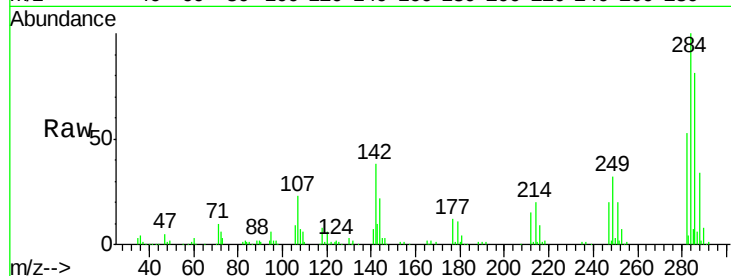




#67
Hexachlorobenzene
Concen: 27.39 ng
RT: 12.36 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

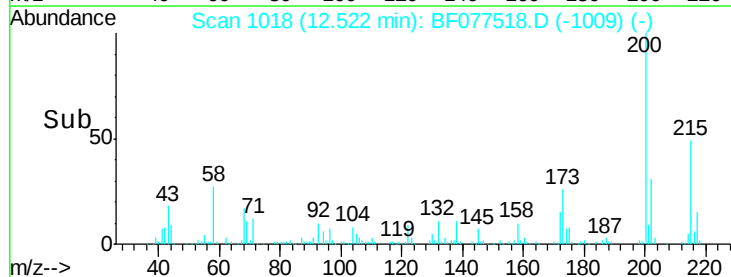
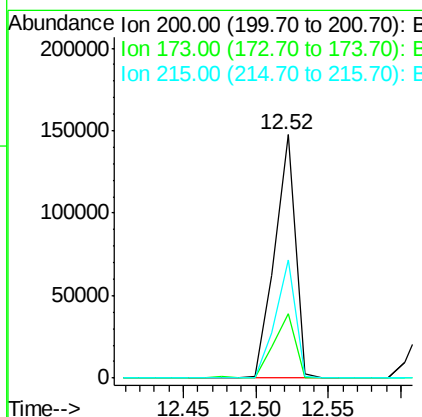
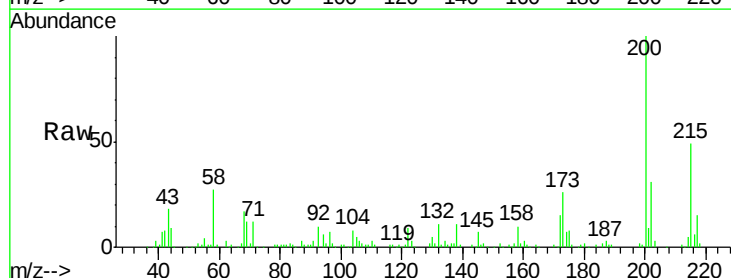
Instrument :
BNA_F
ClientSampleId :
1121-20MSD

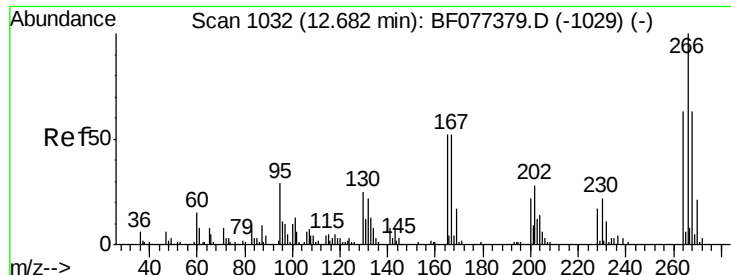
Tgt Ion:284 Resp: 145692
Ion Ratio Lower Upper
284 100
142 38.1 31.6 47.4
249 32.4 27.0 40.4



#68
Atrazine
Concen: 32.10 ng
RT: 12.52 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Tgt Ion:200 Resp: 146522
Ion Ratio Lower Upper
200 100
173 26.5 9.6 49.6
215 48.5 24.4 64.4

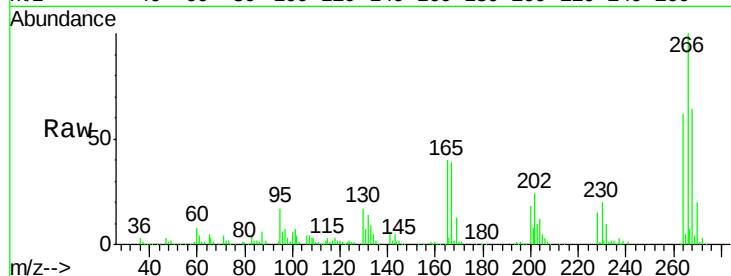




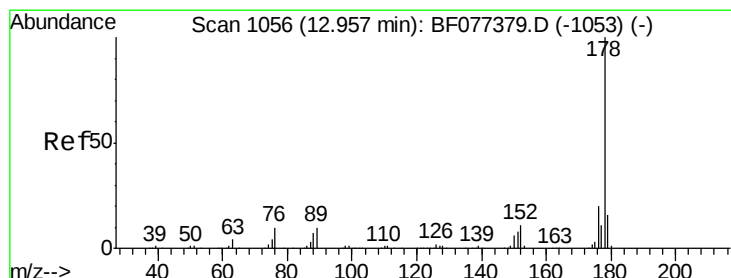
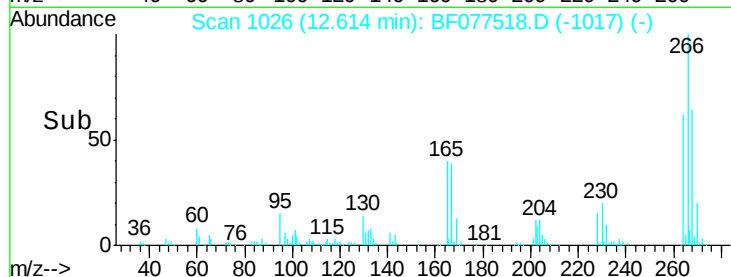
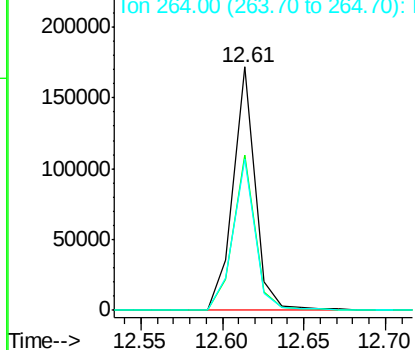
#69
 Pentachlorophenol
 Concen: 57.64 ng
 RT: 12.61 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :
 1121-20MSD

Tgt Ion:266 Resp: 161114
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.2 76.8
 264 62.2 50.7 76.1

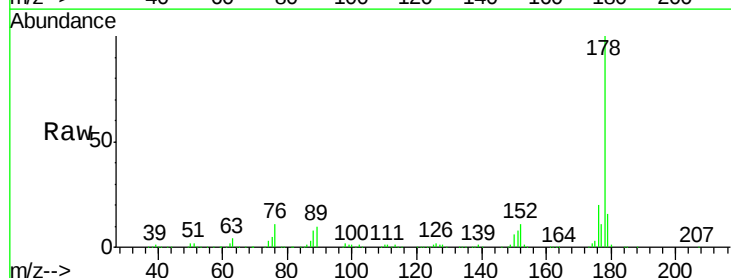


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

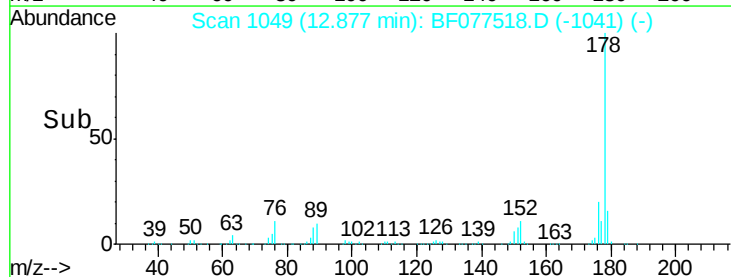
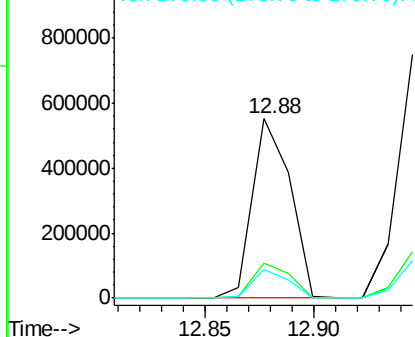


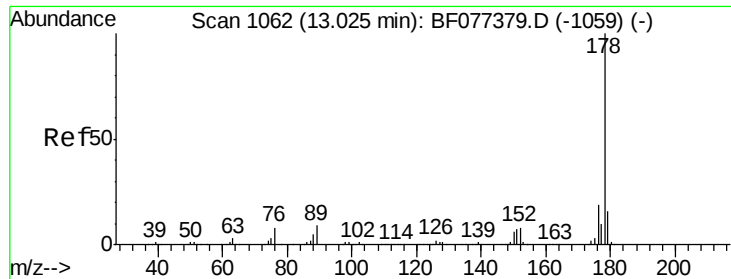
#70
 Phenanthrene
 Concen: 27.33 ng
 RT: 12.88 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

Tgt Ion:178 Resp: 670368
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 16.3 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: 27.94 ng

RT: 12.94 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

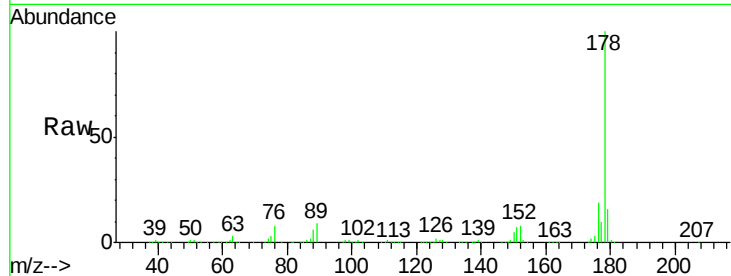
Tgt Ion:178 Resp: 680124

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

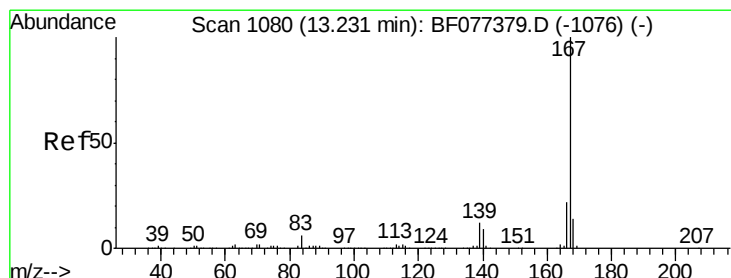
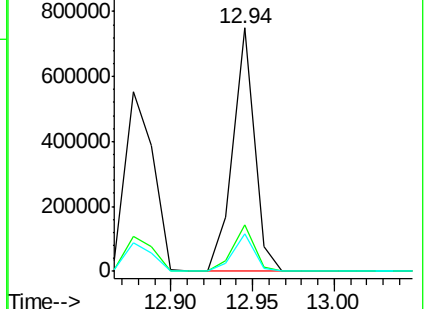
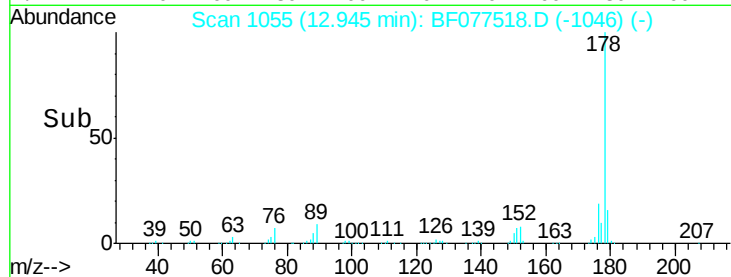
179 15.5 12.9 19.3



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: 28.27 ng

RT: 13.15 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

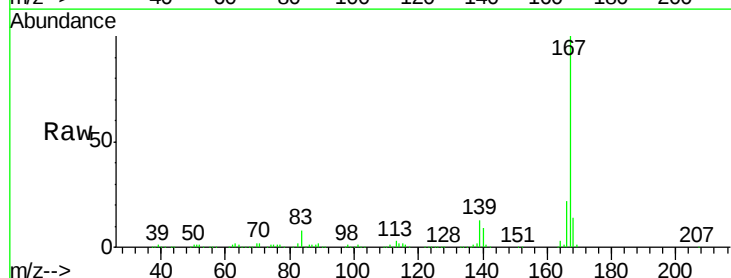
Tgt Ion:167 Resp: 654236

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

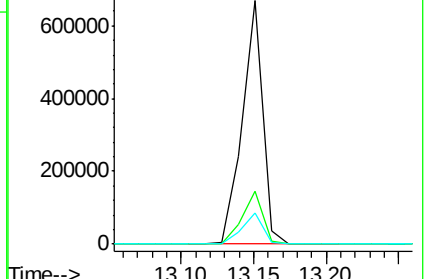
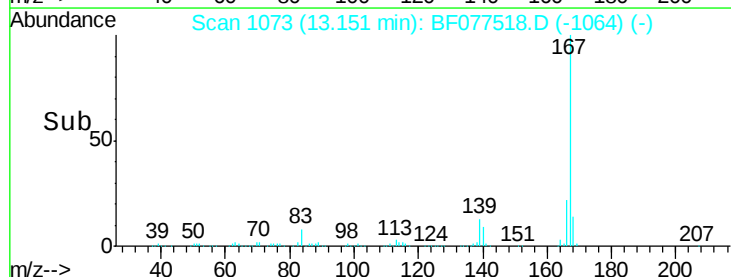
139 12.7 9.9 14.9

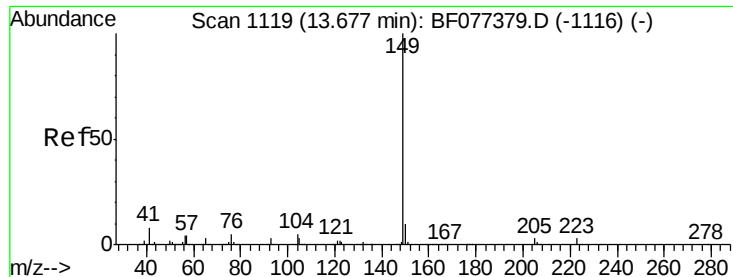


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 30.09 ng

RT: 13.60 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

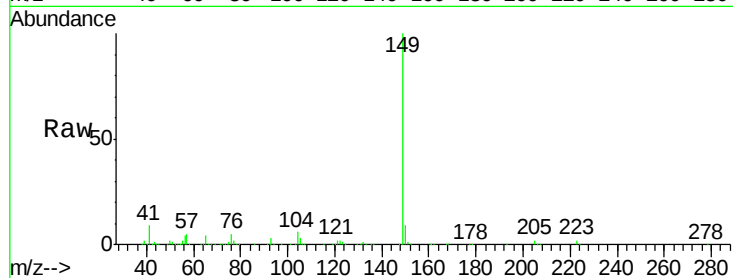
Tgt Ion:149 Resp: 817738

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

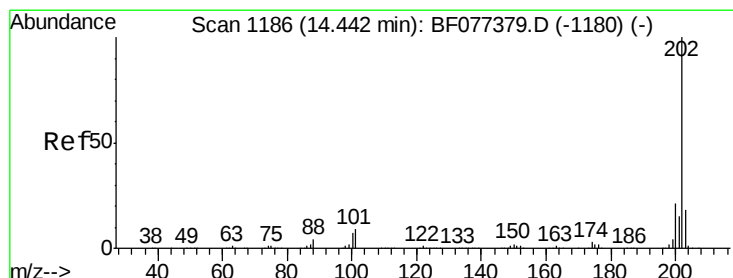
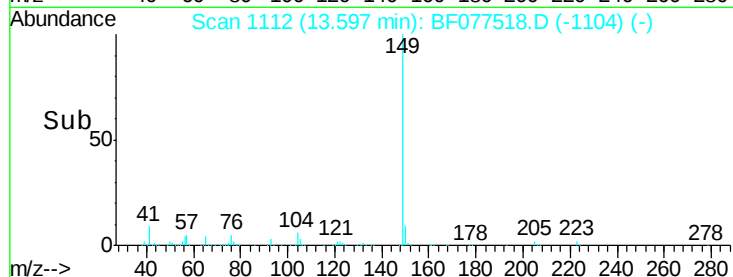
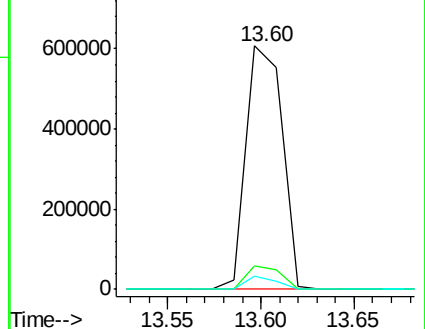
104 5.5 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 27.32 ng

RT: 14.36 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

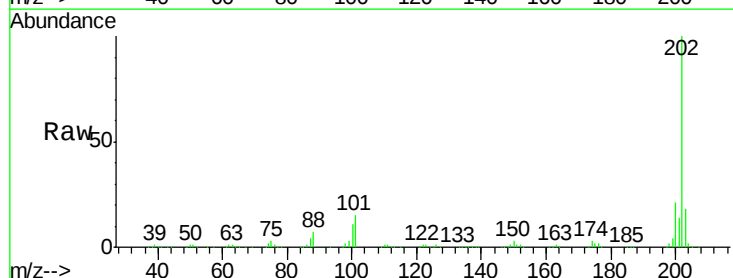
Tgt Ion:202 Resp: 731916

Ion Ratio Lower Upper

202 100

101 14.6 0.0 30.8

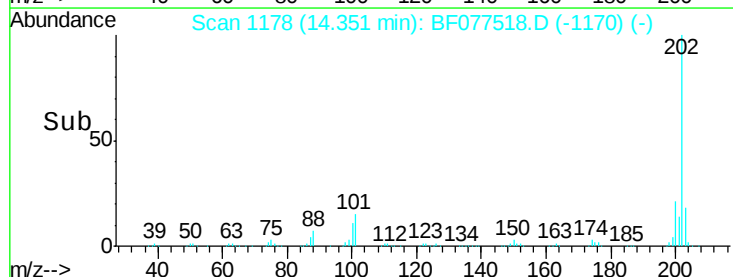
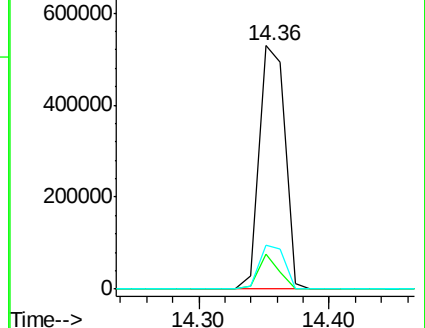
203 18.0 0.0 37.7

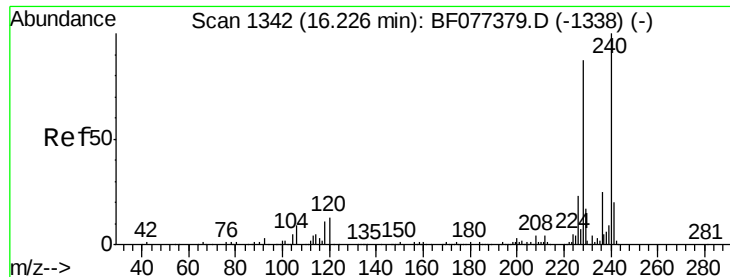


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

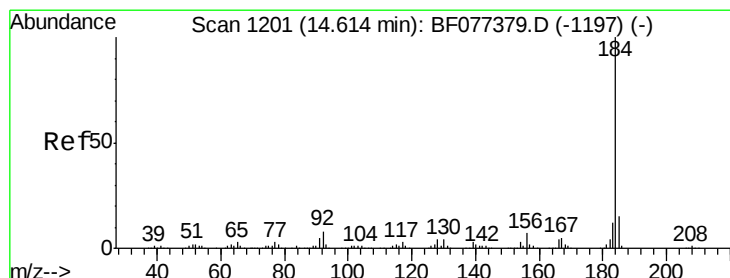
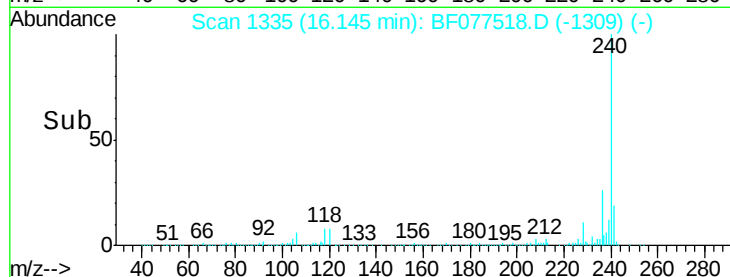
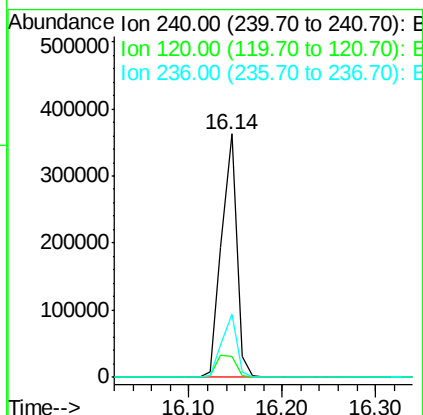
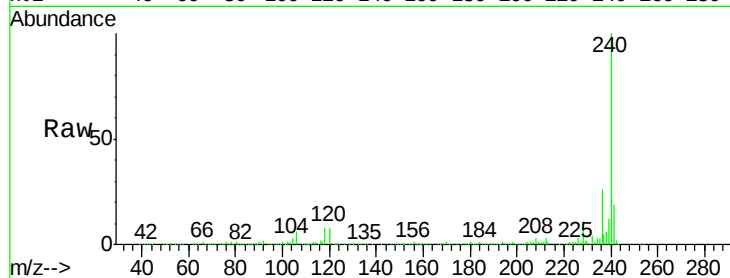




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.14 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

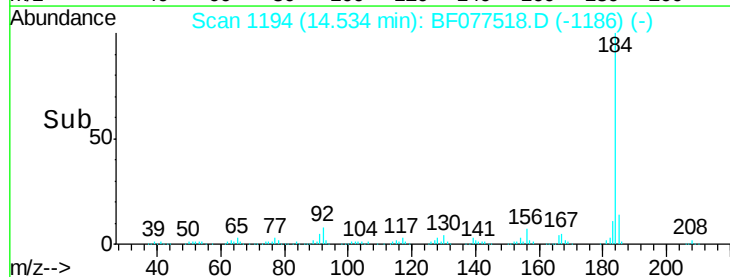
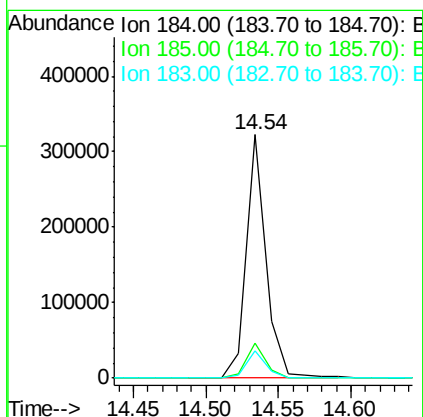
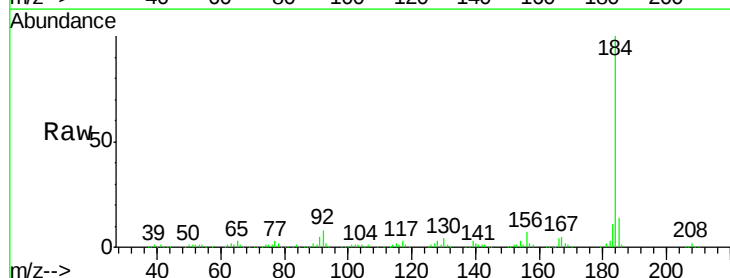
Instrument :
BNA_F
ClientSampleId :
1121-20MSD

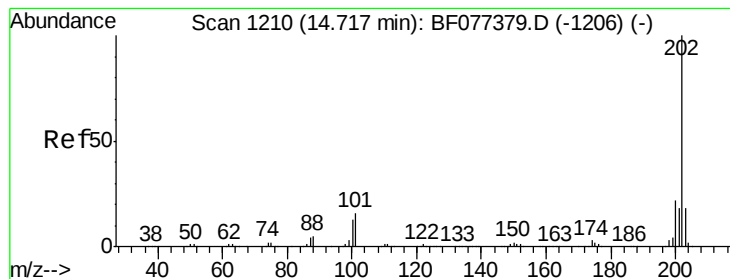
Tgt Ion:240 Resp: 412459
Ion Ratio Lower Upper
240 100
120 8.3 8.8 13.2#
236 26.1 20.7 31.1



#76
Benzidine
Concen: 21.80 ng
RT: 14.54 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Tgt Ion:184 Resp: 303721
Ion Ratio Lower Upper
184 100
185 14.2 12.6 18.8
183 11.4 9.3 13.9





#77

Pyrene

Concen: 29.44 ng

RT: 14.64 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

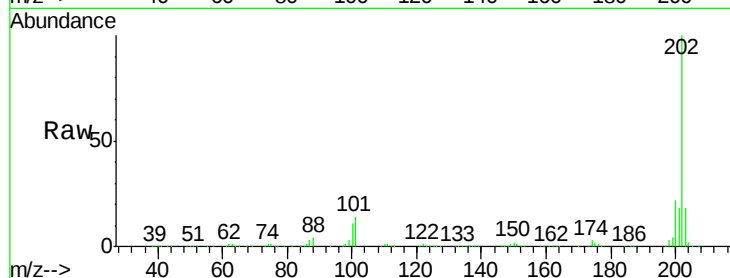
BNA_F

ClientSampleId :

1121-20MSD

Tgt Ion: 202 Resp: 742876

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.1	25.7
203	18.1	14.2	21.2

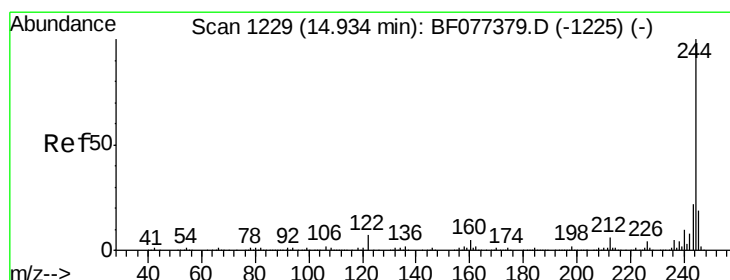
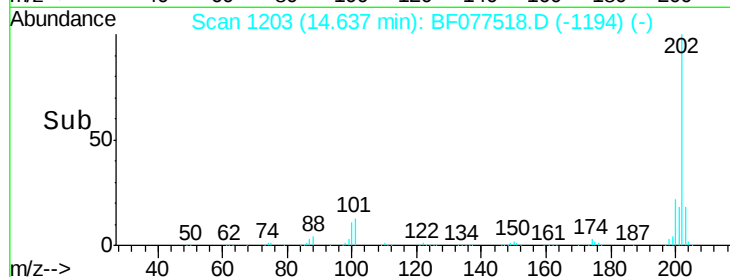
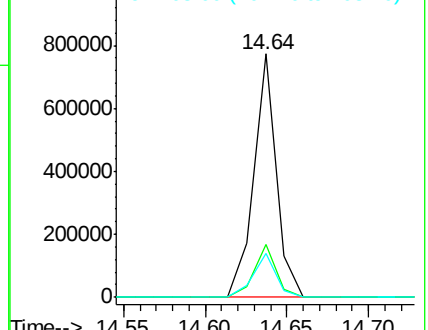


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 61.25 ng

RT: 14.85 min Scan# 1221

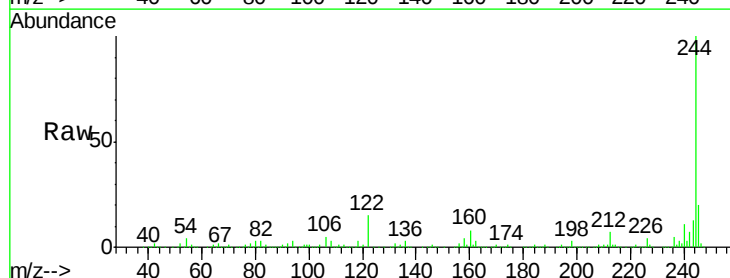
Delta R.T. -0.00 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Tgt Ion: 244 Resp: 1080654

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.2	7.8
122	15.2	7.8	11.8

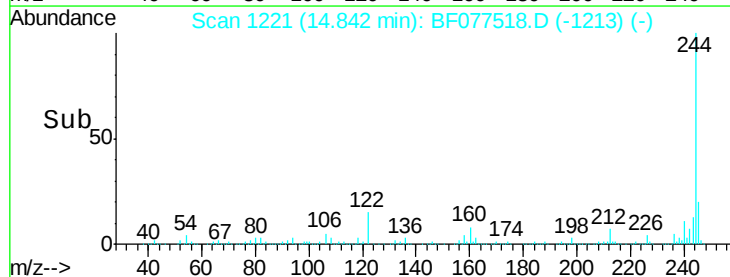
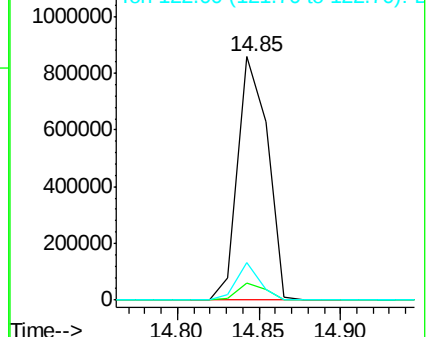


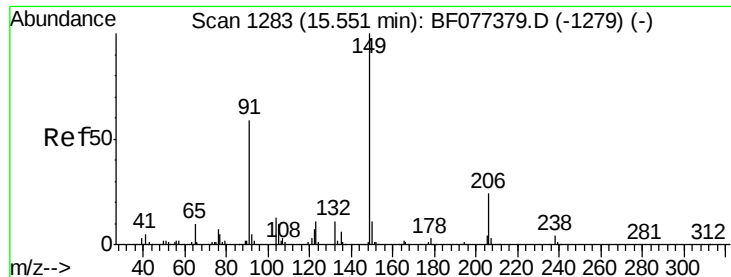
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

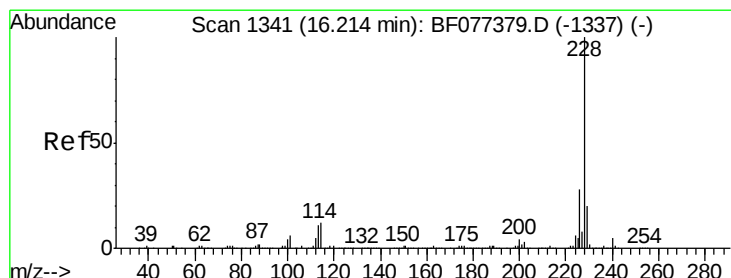
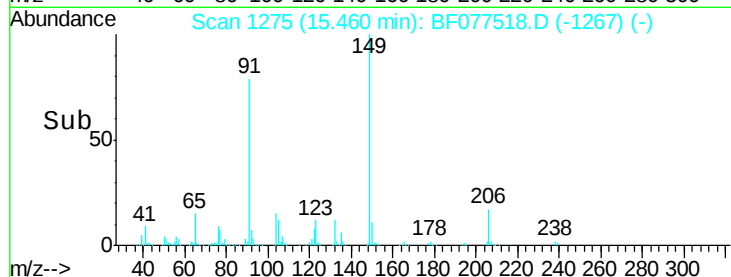
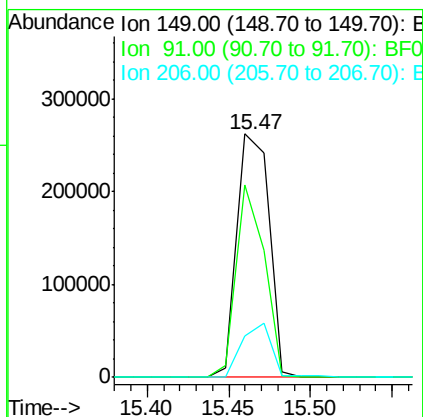
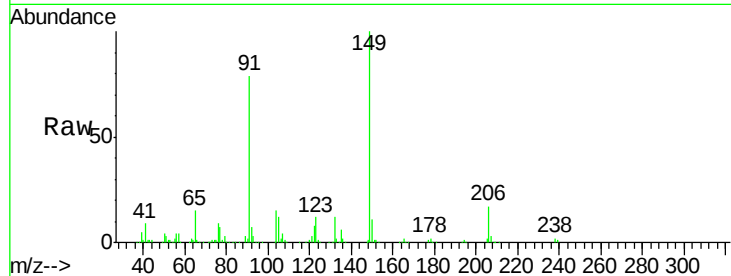




#79
Butylbenzylphthalate
Concen: 34.43 ng
RT: 15.47 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

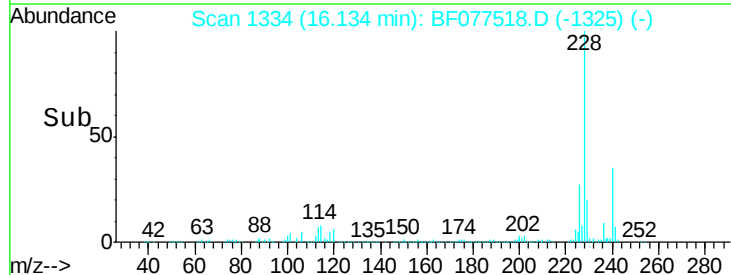
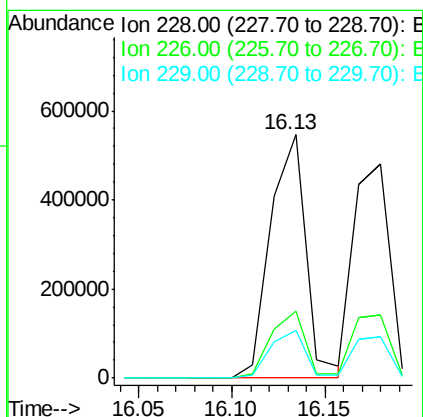
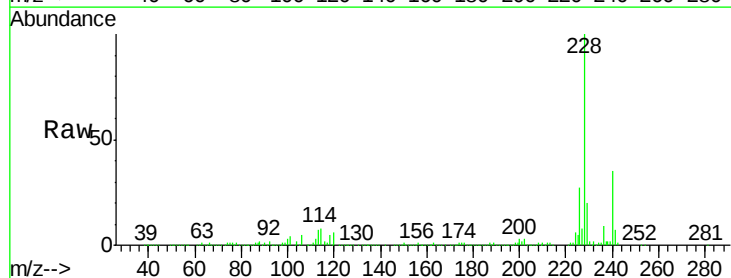
Instrument :
BNA_F
ClientSampleId :
1121-20MSD

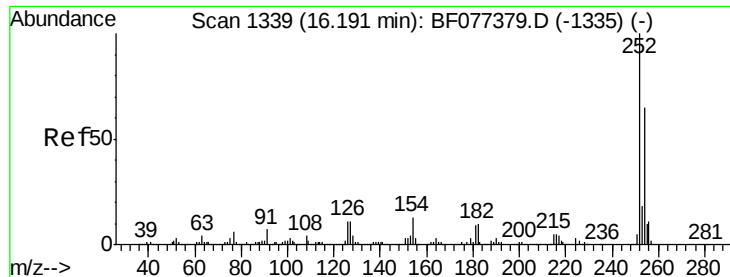
Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.2	51.2	76.8#
206	17.0	17.8	26.8#



#80
Benzo(a)anthracene
Concen: 29.89 ng
RT: 16.13 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.0	33.0
229	19.6	15.8	23.8

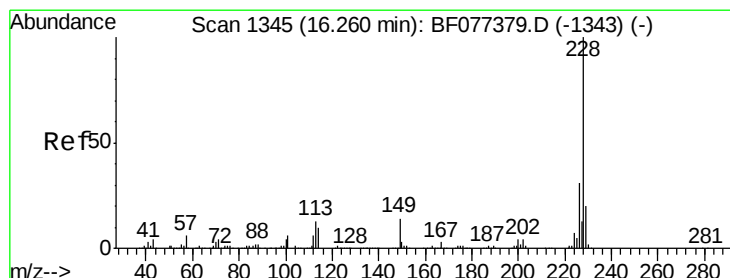
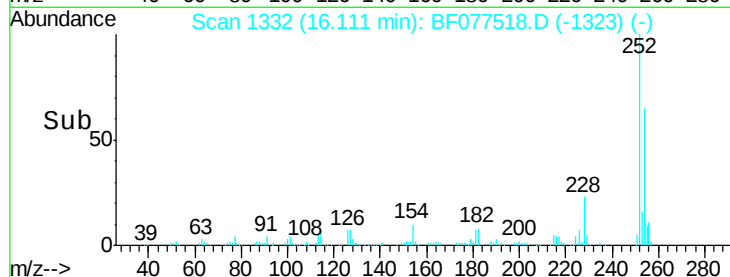
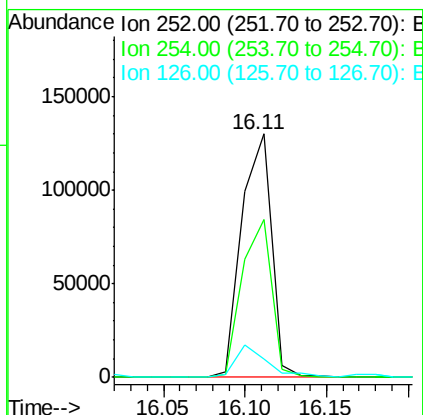
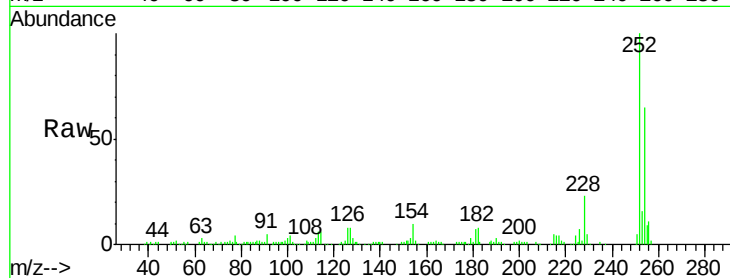




#81
 3,3'-Dichlorobenzidine
 Concen: 18.69 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

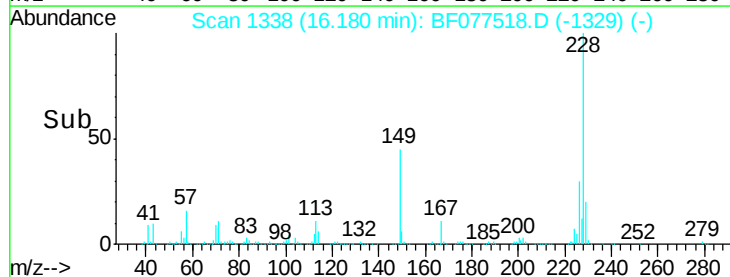
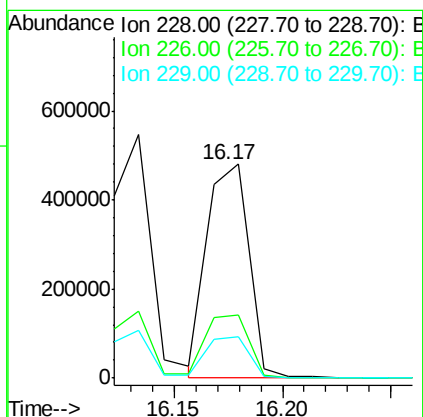
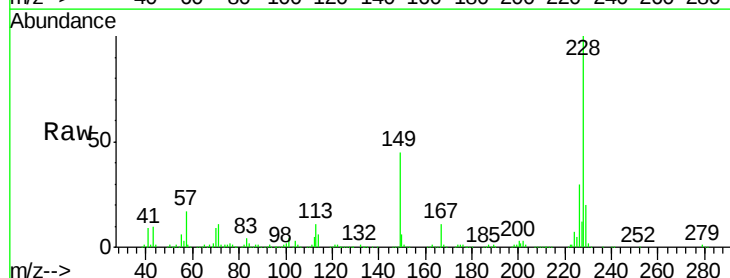
Instrument :
 BNA_F
 ClientSampleId :
 1121-20MSD

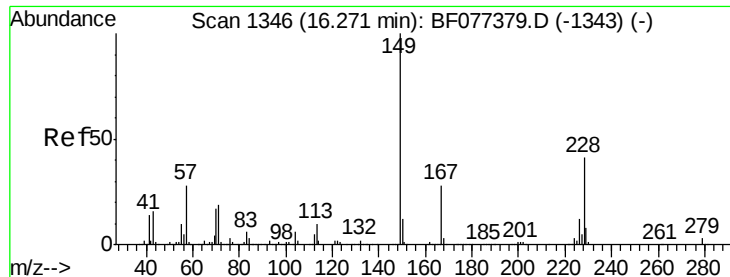
Tgt Ion:252 Resp: 165561
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.9 79.3
 126 7.6 7.3 10.9



#82
 Chrysene
 Concen: 28.29 ng
 RT: 16.17 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

Tgt Ion:228 Resp: 642182
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.9 37.3
 229 19.6 16.4 24.6

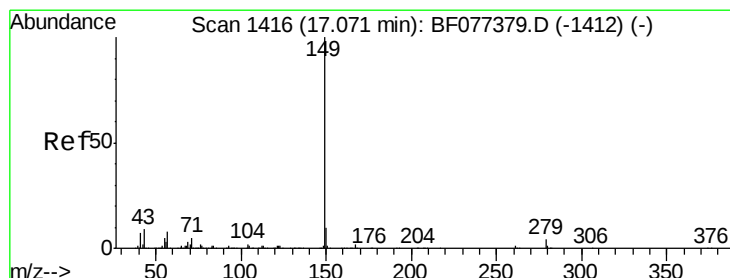
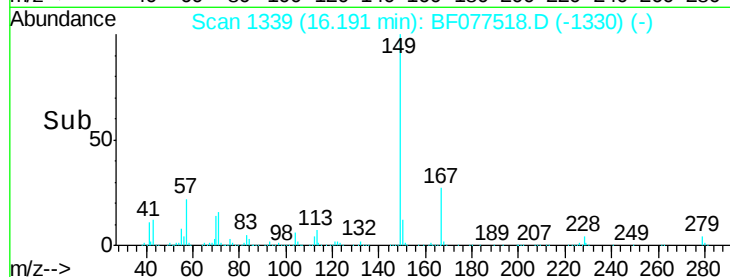
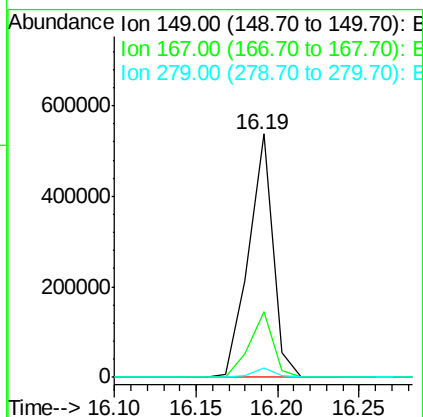
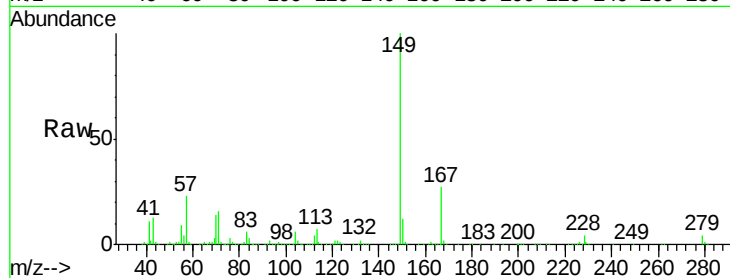




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.44 ng
 RT: 16.19 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

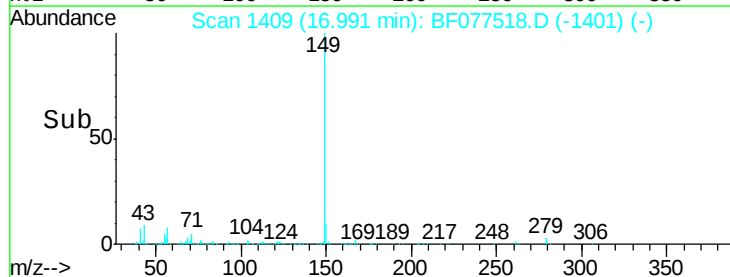
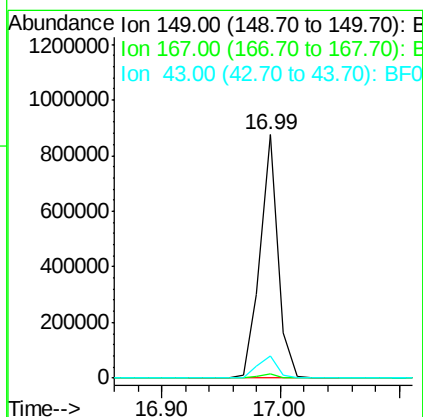
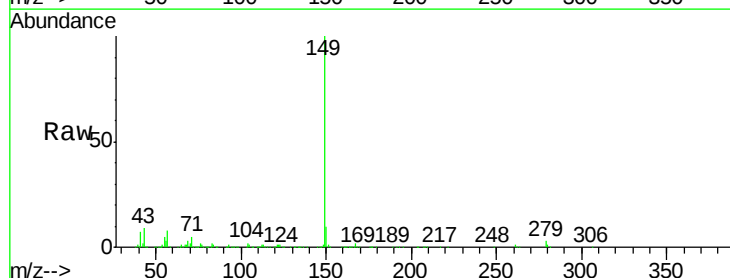
Instrument :
 BNA_F
 ClientSampleId :
 1121-20MSD

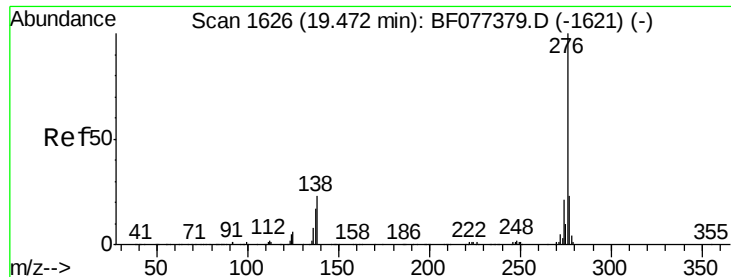
Tgt Ion:149 Resp: 556591
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.8 34.2
 279 3.7 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 33.56 ng
 RT: 16.99 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

Tgt Ion:149 Resp: 932572
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.6 8.1 12.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 29.55 ng

RT: 19.35 min Scan# 1615

Delta R.T. -0.02 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

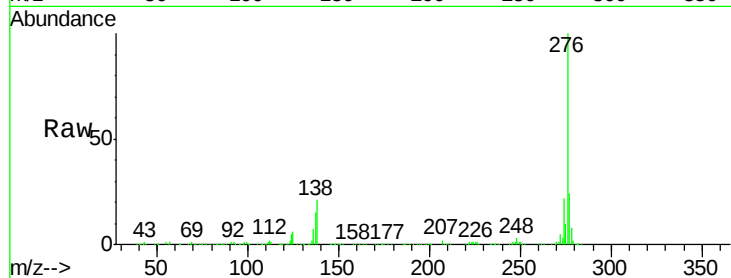
Tgt Ion:276 Resp: 764798

Ion Ratio Lower Upper

276 100

138 27.3 21.2 31.8

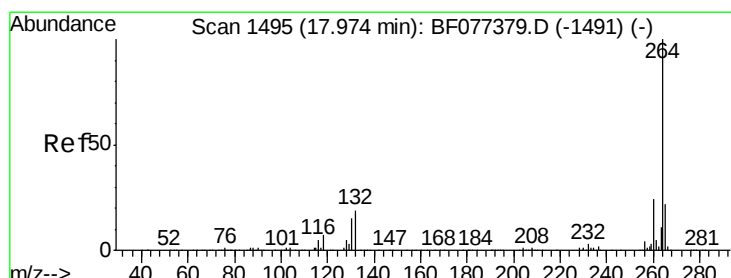
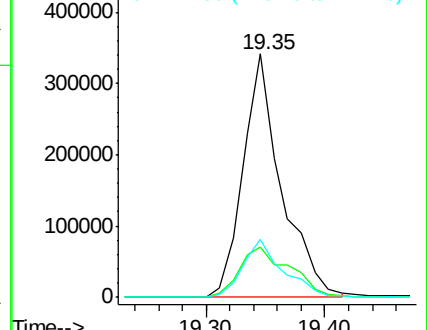
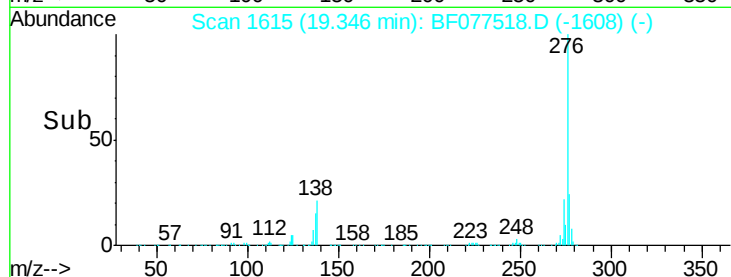
277 25.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.89 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

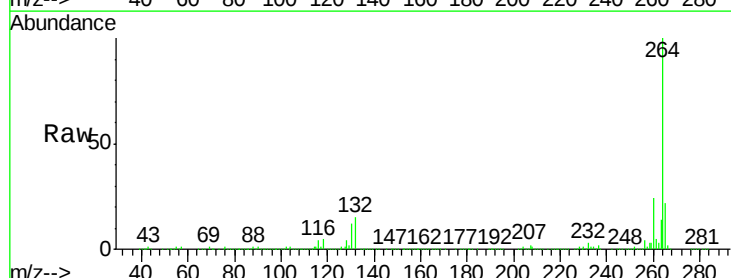
Tgt Ion:264 Resp: 408221

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

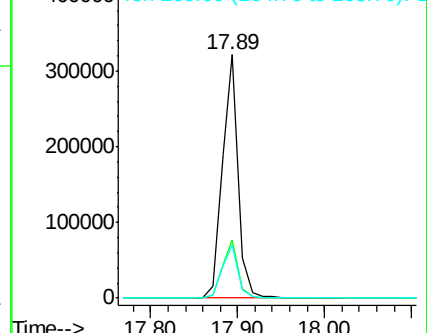
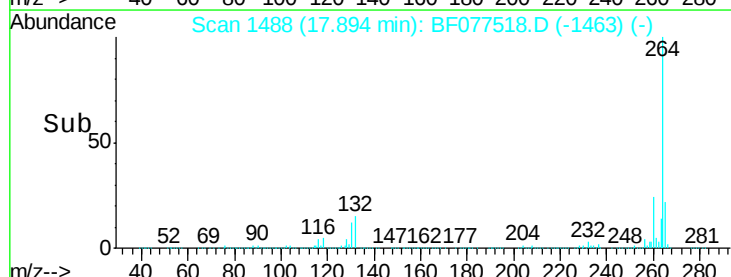
265 21.8 16.8 25.2

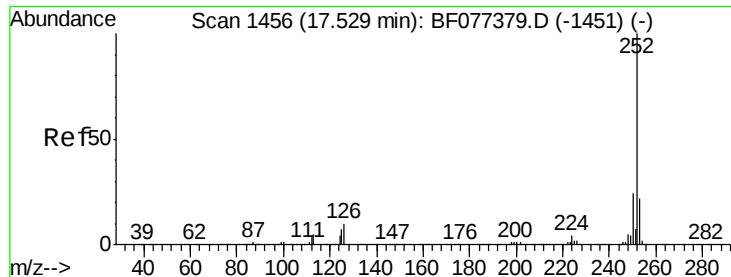


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

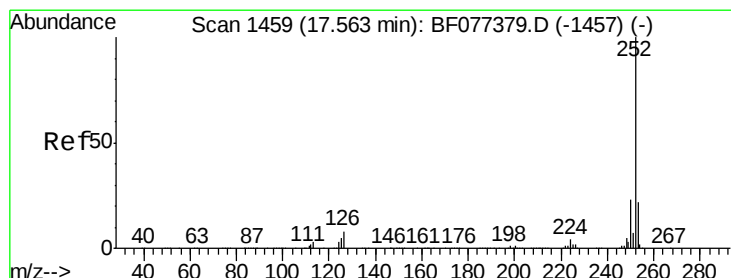
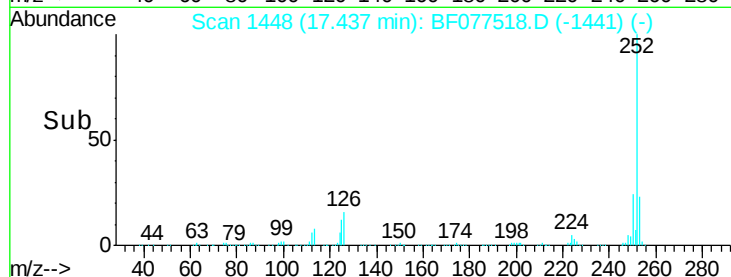
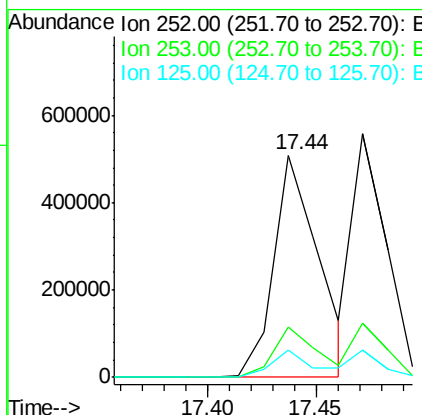
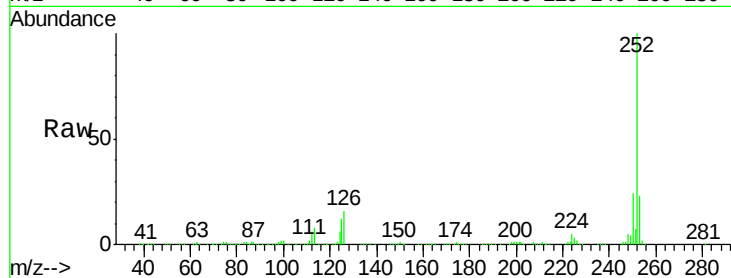




#87
Benzo(b)fluoranthene
Concen: 30.93 ng
RT: 17.44 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

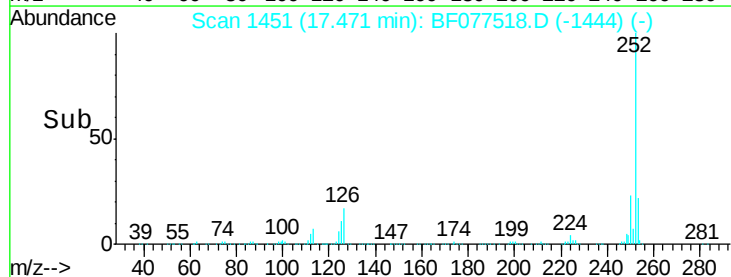
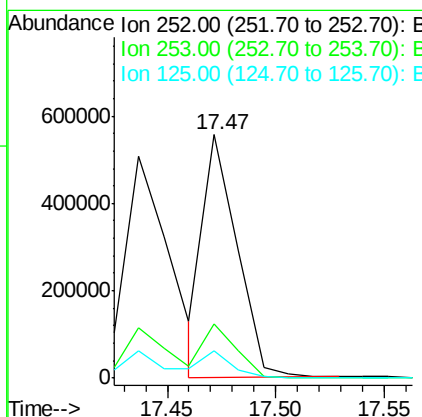
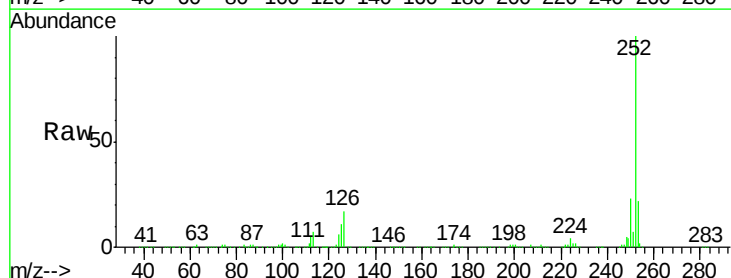
Instrument :
BNA_F
ClientSampleId :
1121-20MSD

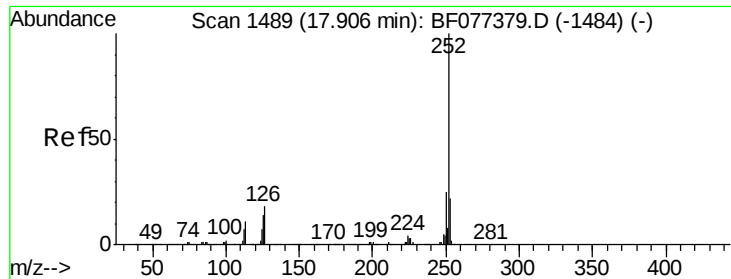
Tgt Ion:252 Resp: 734278
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 12.4 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 25.72 ng
RT: 17.47 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF077518.D
Acq: 27 Feb 2015 21:25

Tgt Ion:252 Resp: 598456
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 11.3 10.1 15.1





#89

Benzo(a)pyrene

Concen: 29.18 ng

RT: 17.83 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

Instrument :

BNA_F

ClientSampleId :

1121-20MSD

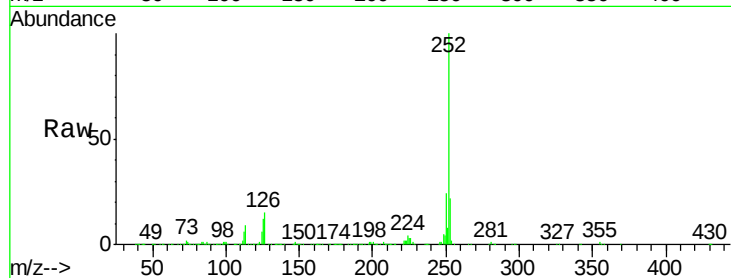
Tgt Ion:252 Resp: 659711

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

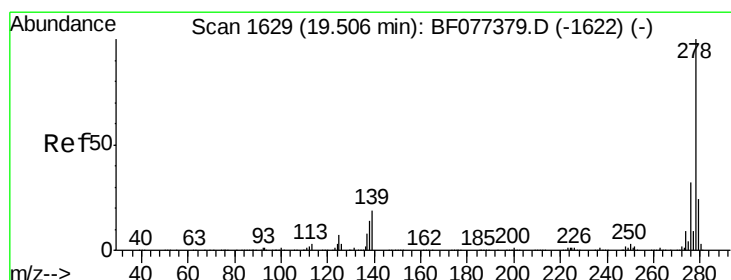
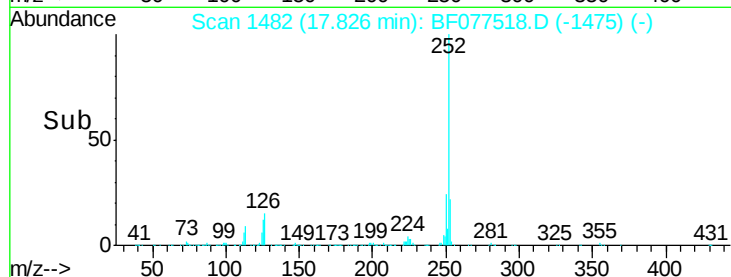
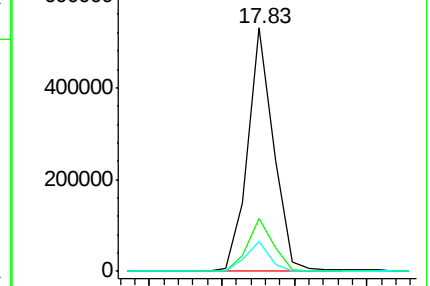
125 12.2 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 29.76 ng

RT: 19.37 min Scan# 1618

Delta R.T. -0.02 min

Lab File: BF077518.D

Acq: 27 Feb 2015 21:25

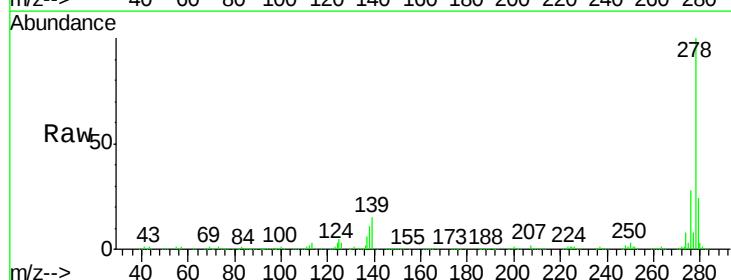
Tgt Ion:278 Resp: 641748

Ion Ratio Lower Upper

278 100

139 14.6 14.3 21.5

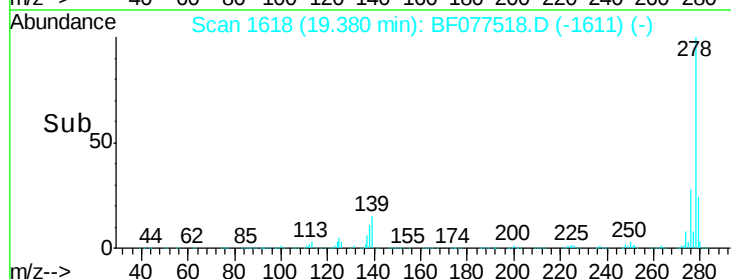
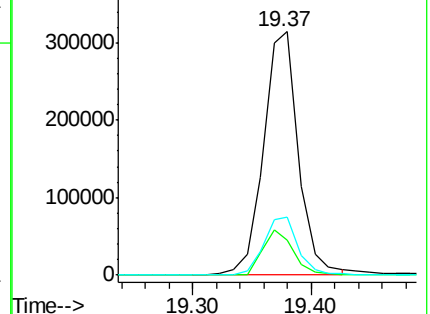
279 24.0 19.0 28.6

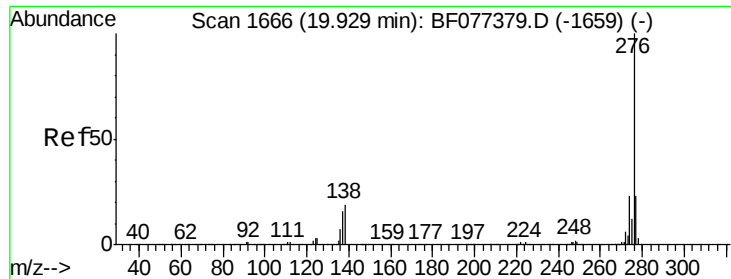


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 29.33 ng
 RT: 19.77 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: BF077518.D
 Acq: 27 Feb 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :
 1121-20MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	25.4	20.5	30.7

