

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
 Data File : BF077419.D
 Acq On : 24 Feb 2015 16:01
 Operator : IZ / TP
 Sample : PB81839BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81839BS

Quant Time: Feb 25 01:12:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 25 00:25:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	48739	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	199712	20.00	ng	-0.01
38) Acenaphthene-d10	11.05	164	101883	20.00	ng	-0.01
63) Phenanthrene-d10	12.90	188	198114	20.00	ng	0.00
75) Chrysene-d12	16.20	240	220505	20.00	ng	-0.02
86) Perylene-d12	18.00	264	222479	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	331933	113.70	ng	0.00
7) Phenol-d6	6.85	99	405570	108.04	ng	-0.01
23) Nitrobenzene-d5	8.00	82	242118	75.39	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	113583	115.78	ng	-0.01
44) 2-Fluorobiphenyl	10.22	172	529130	80.98	ng	0.00
78) Terphenyl-d14	14.89	244	645367	68.42	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	35438	28.60	ng	94
3) Pyridine	2.99	79	106496	30.05	ng	95
4) n-Nitrosodimethylamine	2.91	42	52628	34.15	ng	97
6) Aniline	6.89	93	74564	14.37	ng	99
8) 2-Chlorophenol	7.02	128	120484	34.98	ng	97
10) Phenol	6.86	94	139710	31.37	ng	88
11) bis(2-Chloroethyl)ether	6.99	93	112698	35.21	ng	97
12) 1,3-Dichlorobenzene	7.23	146	126478	33.72	ng	# 88
13) 1,4-Dichlorobenzene	7.32	146	131699	34.52	ng	98
14) 1,2-Dichlorobenzene	7.50	146	124150	34.21	ng	99
15) Benzyl Alcohol	7.48	79	98960	34.68	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.66	45	152694	33.38	ng	99
17) 2-Methylphenol	7.62	107	93728	34.82	ng	97
18) Hexachloroethane	7.93	117	43143	33.86	ng	98
19) n-Nitroso-di-n-propylamine	7.81	70	81469	34.18	ng	99
20) 3+4-Methylphenols	7.81	107	124672	35.16	ng	94
22) Acetophenone	7.80	105	159607	33.97	ng	# 95
24) Nitrobenzene	8.02	77	120294	35.60	ng	97
25) Isophorone	8.32	82	223247	35.04	ng	98
26) 2-Nitrophenol	8.41	139	55600	40.15	ng	99
27) 2,4-Dimethylphenol	8.46	122	102657	33.13	ng	97
28) bis(2-Chloroethoxy)methane	8.59	93	131827	32.75	ng	98
29) 2,4-Dichlorophenol	8.70	162	107029	36.80	ng	94
30) 1,2,4-Trichlorobenzene	8.81	180	107352	33.57	ng	97
31) Naphthalene	8.91	128	344618	34.51	ng	99
32) Benzoic acid	8.57	122	60744	40.34	ng	96
33) 4-Chloroaniline	8.98	127	63675	14.34	ng	97
34) Hexachlorobutadiene	9.06	225	61261	33.56	ng	98
35) Caprolactam	9.40	113	32337	36.42	ng	# 75
36) 4-Chloro-3-methylphenol	9.57	107	102803	35.16	ng	90
37) 2-Methylnaphthalene	9.77	142	244033	34.41	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.97	216	110563	37.82	ng	98
40) Hexachlorocyclopentadiene	9.96	237	107160	68.36	ng	99
42) 2,4,6-Trichlorophenol	10.11	196	76687	39.61	ng	99

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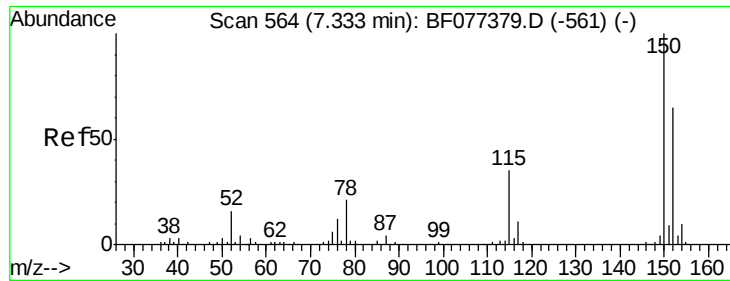
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	10.16	196	83242	40.21	ng	# 92
45) 1,1'-Biphenyl	10.35	154	288776	37.41	ng	99
46) 2-Chloronaphthalene	10.36	162	228742	37.79	ng	99
47) 2-Nitroaniline	10.49	65	62523	41.96	ng	98
48) Acenaphthylene	10.88	152	368109	38.41	ng	100
49) Dimethylphthalate	10.73	163	264689	36.96	ng	99
50) 2,6-Dinitrotoluene	10.81	165	56243	39.16	ng	99
51) Acenaphthene	11.09	154	225674	39.46	ng	99
52) 3-Nitroaniline	11.00	138	42365	25.59	ng	94
53) 2,4-Dinitrophenol	11.14	184	35873	82.09	ng	98
54) Dibenzofuran	11.31	168	339130	38.41	ng	98
55) 4-Nitrophenol	11.21	139	99015	74.34	ng	# 64
56) 2,4-Dinitrotoluene	11.30	165	83458	43.00	ng	98
57) Fluorene	11.73	166	275508	39.03	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.46	232	69369	41.68	ng	99
59) Diethylphthalate	11.61	149	261782	37.08	ng	99
60) 4-Chlorophenyl-phenylether	11.75	204	125445	36.88	ng	97
61) 4-Nitroaniline	11.76	138	56676	35.71	ng	96
62) Azobenzene	11.94	77	250141	37.34	ng	96
64) 4,6-Dinitro-2-methylphenol	11.80	198	25100	33.01	ng	95
65) n-Nitrosodiphenylamine	11.89	169	232467	35.36	ng	99
66) 4-Bromophenyl-phenylether	12.35	248	77763	33.52	ng	96
67) Hexachlorobenzene	12.41	284	86217	34.62	ng	92
68) Atrazine	12.56	200	71491	33.45	ng	99
69) Pentachlorophenol	12.66	266	97761	74.70	ng	99
70) Phenanthrene	12.92	178	395764	34.47	ng	99
71) Anthracene	12.99	178	415431	36.46	ng	99
72) Carbazole	13.20	167	395702	36.52	ng	99
73) Di-n-butylphthalate	13.64	149	410870	32.29	ng	99
74) Fluoranthene	14.41	202	452326	36.06	ng	96
76) Benzidine	14.58	184	188303	25.28	ng	97
77) Pyrene	14.68	202	471695	34.97	ng	100
79) Butylbenzylphthalate	15.52	149	186880	33.68	ng	97
80) Benzo(a)anthracene	16.19	228	449765	34.80	ng	99
81) 3,3'-Dichlorobenzidine	16.17	252	98162	20.73	ng	96
82) Chrysene	16.24	228	436668	35.98	ng	98
83) Bis(2-ethylhexyl)phthalate	16.25	149	261455	29.38	ng	# 96
84) Di-n-octyl phthalate	17.07	149	453477	30.52	ng	98
85) Indeno(1,2,3-cd)pyrene	19.48	276	492432	35.59	ng	100
87) Benzo(b)fluoranthene	17.53	252	484084	37.42	ng	# 96
88) Benzo(k)fluoranthene	17.56	252	416809	32.87	ng	98
89) Benzo(a)pyrene	17.93	252	446576	36.24	ng	99
90) Dibenzo(a,h)anthracene	19.52	278	422751	35.98	ng	97
91) Benzo(g,h,i)perylene	19.92	276	445874	37.59	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.30 min Scan# 561

Delta R.T. -0.00 min

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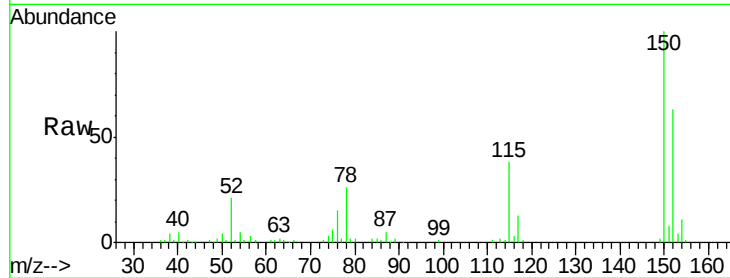
Tgt Ion:152 Resp: 48739

Ion Ratio Lower Upper

152 100

150 159.4 124.0 186.0

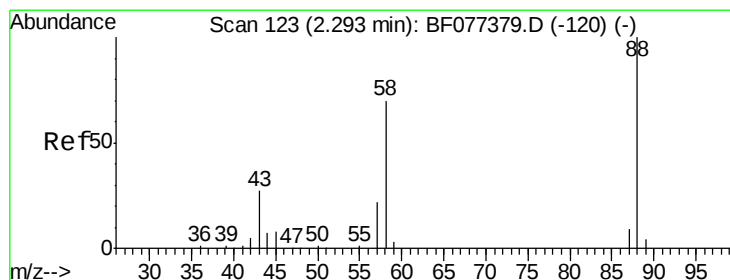
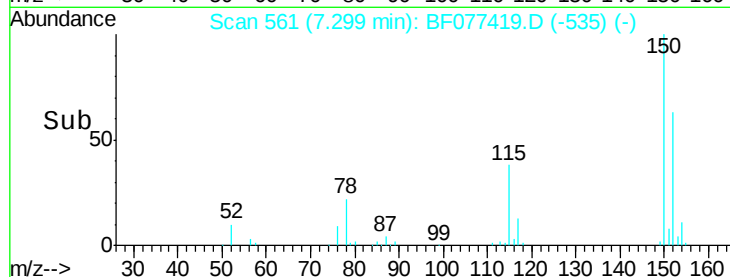
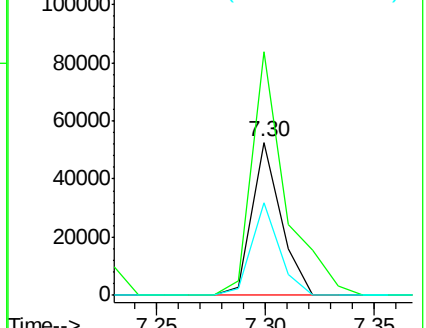
115 61.0 49.4 74.2



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: 28.60 ng

RT: 2.26 min Scan# 120

Delta R.T. 0.02 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

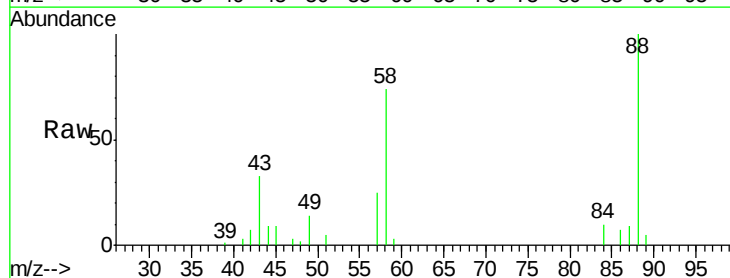
Tgt Ion: 88 Resp: 35438

Ion Ratio Lower Upper

88 100

58 71.3 62.1 93.1

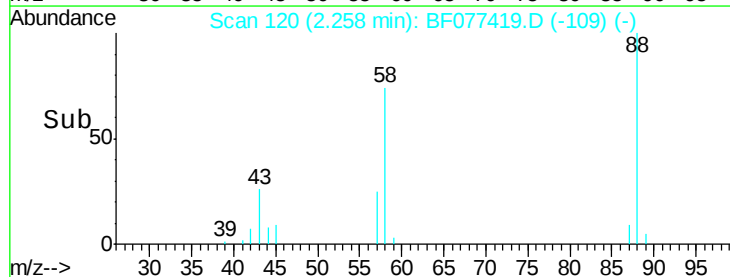
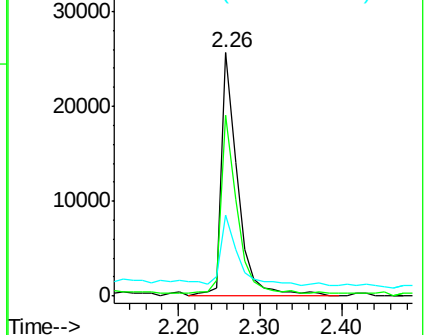
43 28.8 24.0 36.0

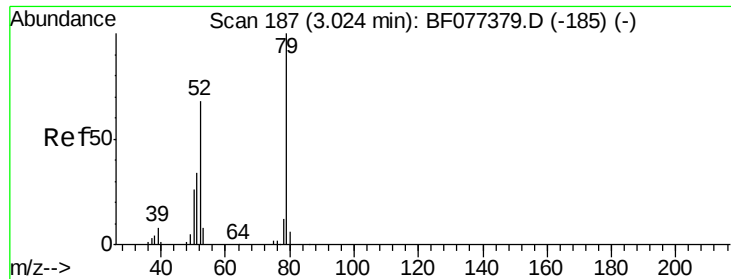


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.05 ng

RT: 2.99 min Scan# 184

Delta R.T. 0.02 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

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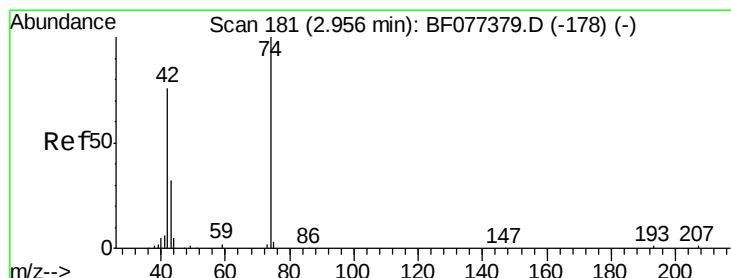
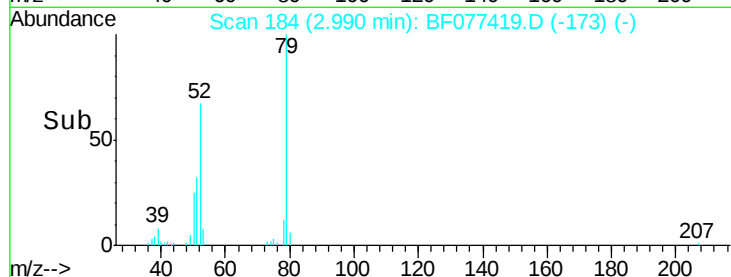
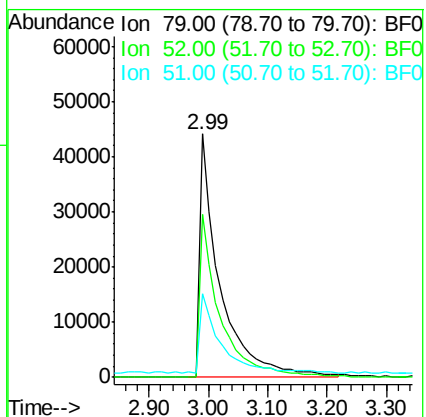
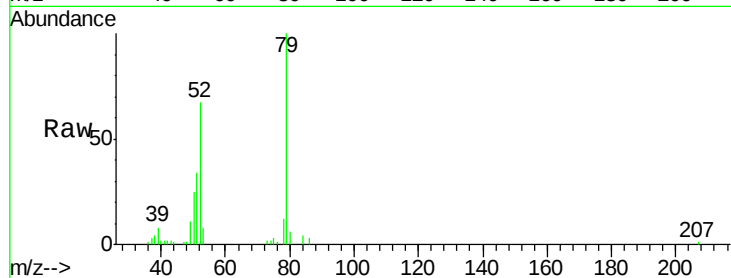
Tgt Ion: 79 Resp: 106496

Ion Ratio Lower Upper

79 100

52 66.9 57.7 86.5

51 34.3 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 34.15 ng

RT: 2.91 min Scan# 177

Delta R.T. 0.01 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

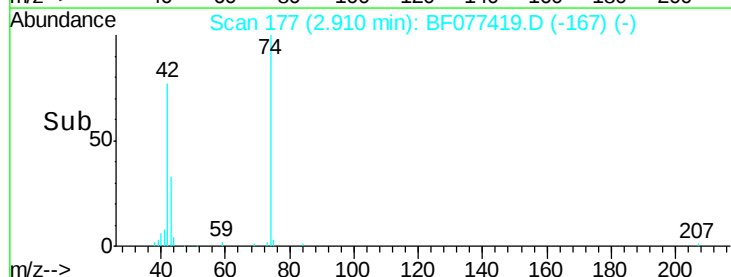
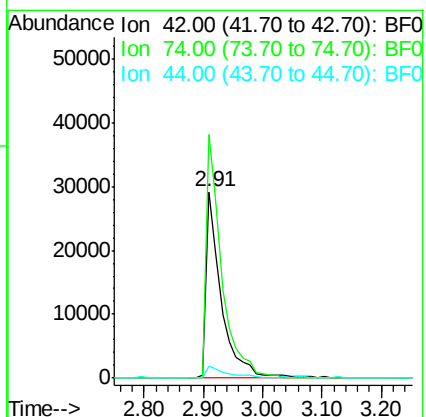
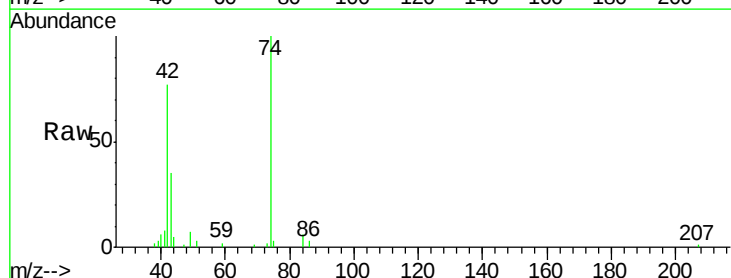
Tgt Ion: 42 Resp: 52628

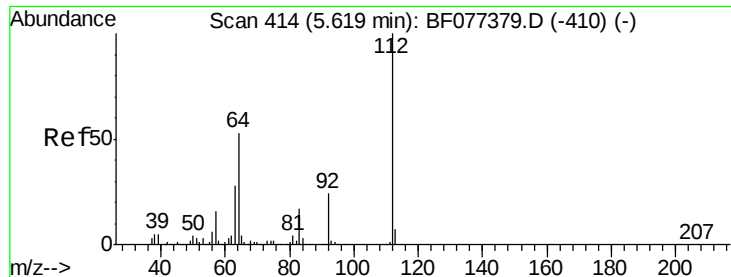
Ion Ratio Lower Upper

42 100

74 130.6 107.1 160.7

44 6.7 6.7 10.1





#5

2-Fluorophenol

Concen: 113.70 ng

RT: 5.60 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

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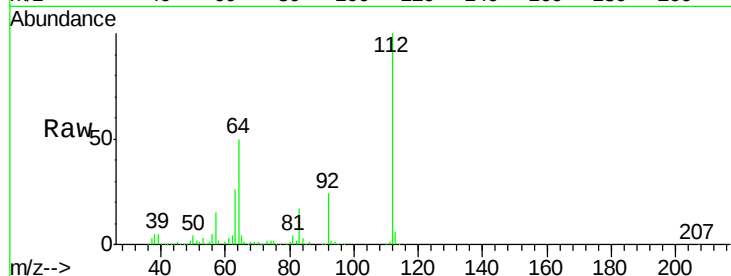
Tgt Ion: 112 Resp: 331933

Ion Ratio Lower Upper

112 100

64 50.4 48.5 72.7

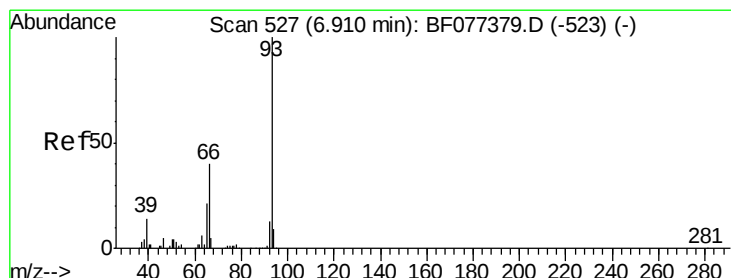
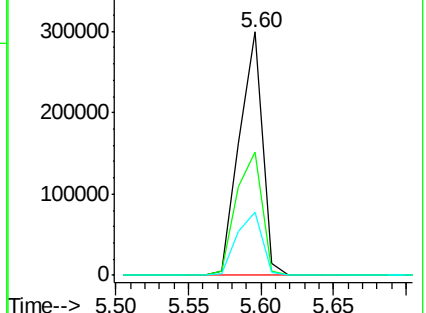
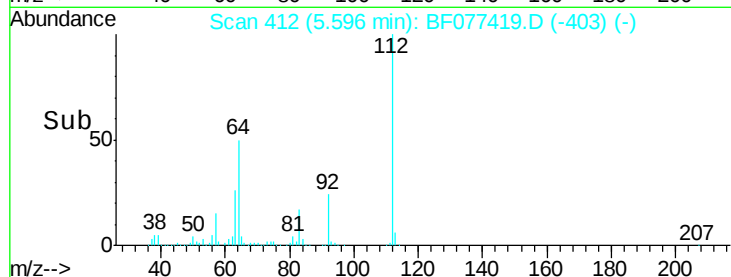
63 26.2 25.0 37.4



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: 14.37 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

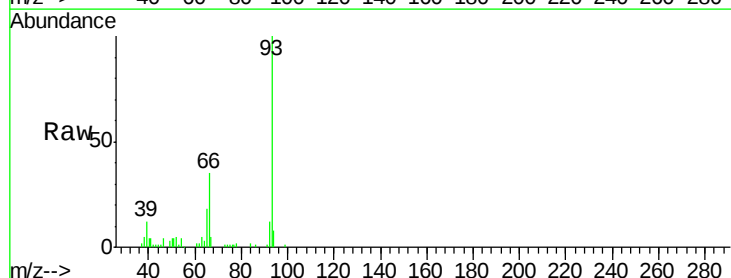
Tgt Ion: 93 Resp: 74564

Ion Ratio Lower Upper

93 100

66 35.3 29.1 43.7

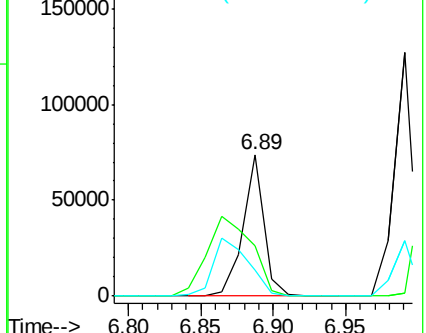
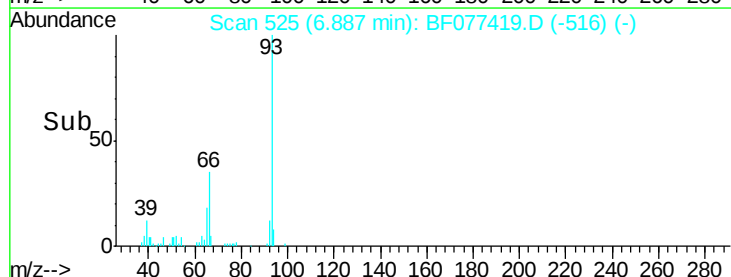
65 18.5 14.6 22.0

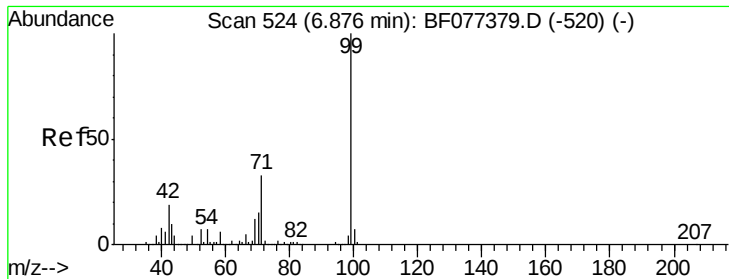


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.04 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

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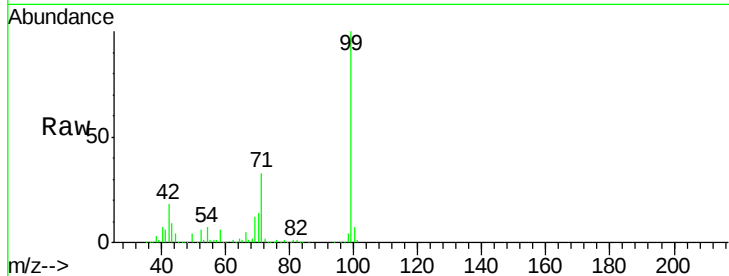
Tgt Ion: 99 Resp: 405570

Ion Ratio Lower Upper

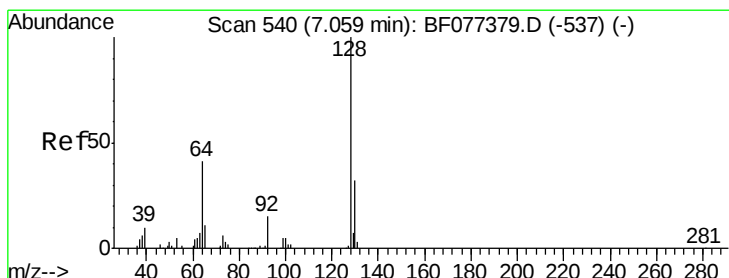
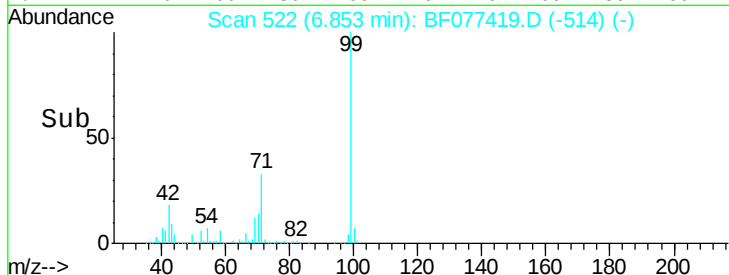
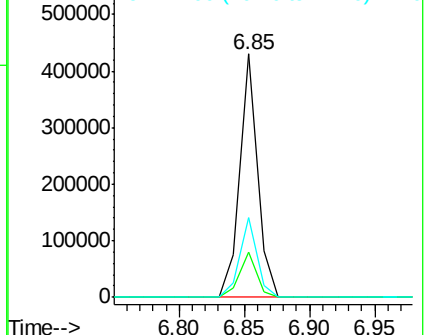
99 100

42 18.4 16.2 24.4

71 32.8 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: 34.98 ng

RT: 7.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

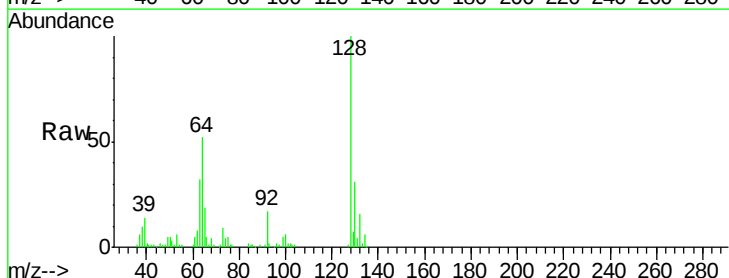
Tgt Ion: 128 Resp: 120484

Ion Ratio Lower Upper

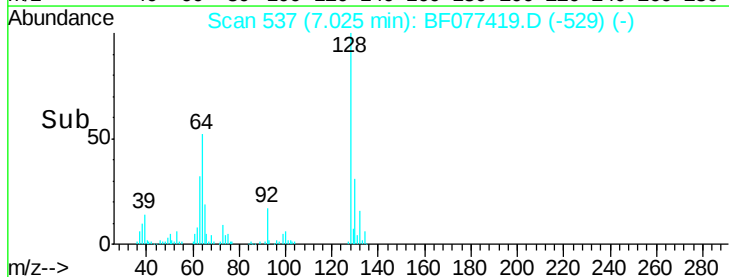
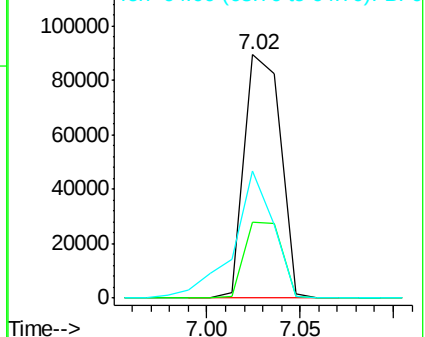
128 100

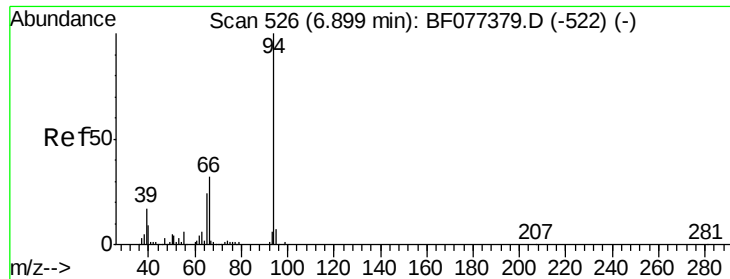
130 31.4 12.0 52.0

64 52.5 29.2 69.2



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





#10

Phenol

Concen: 31.37 ng

RT: 6.86 min Scan# 523

Delta R.T. -0.01 min

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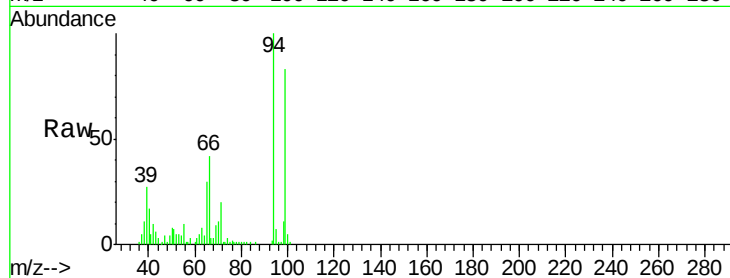
Tgt Ion: 94 Resp: 139710

Ion Ratio Lower Upper

94 100

65 30.4 5.7 45.7

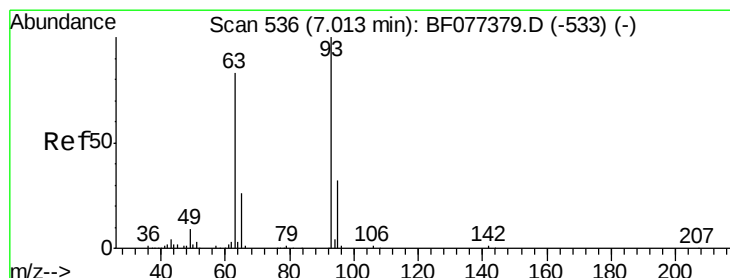
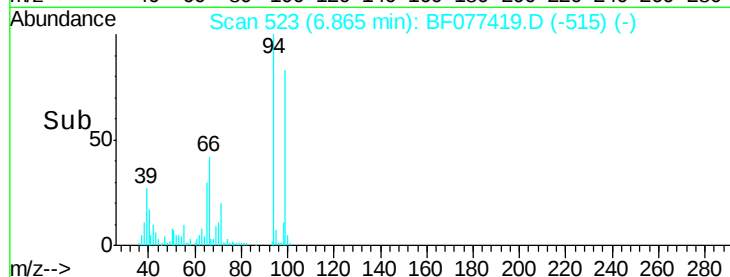
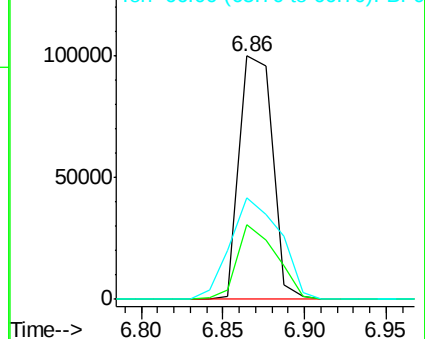
66 41.9 13.6 53.6



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 35.21 ng

RT: 6.99 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

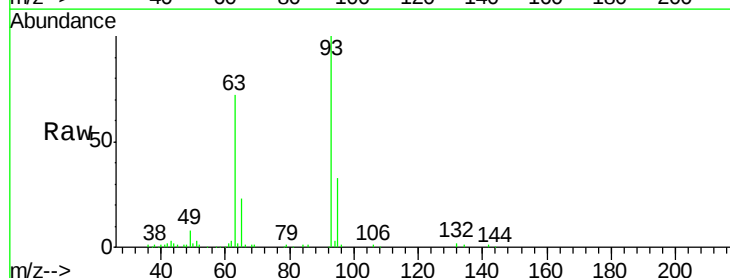
Tgt Ion: 93 Resp: 112698

Ion Ratio Lower Upper

93 100

63 71.9 48.7 88.7

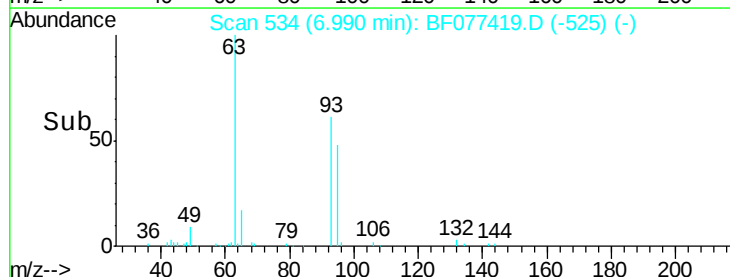
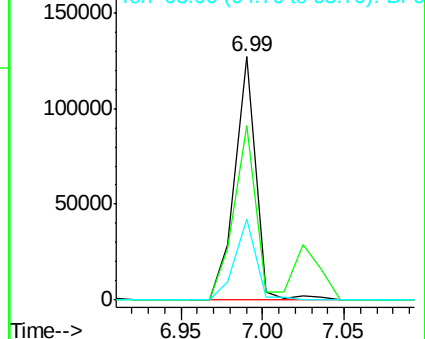
95 33.3 13.6 53.6

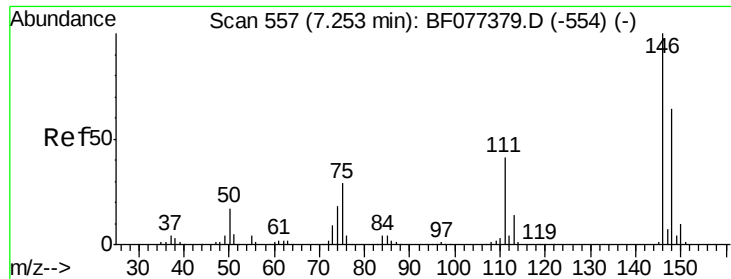


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

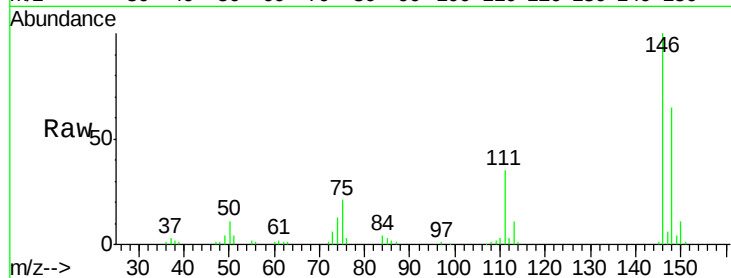




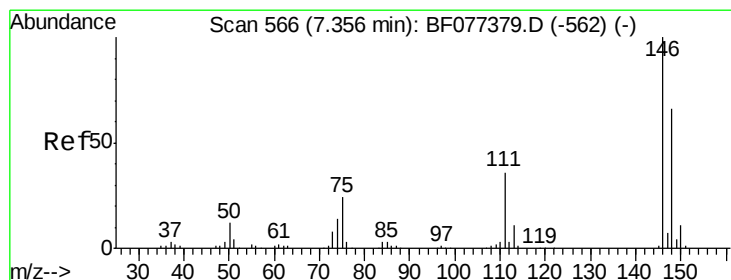
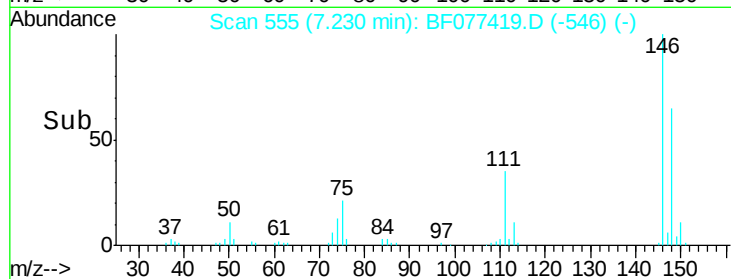
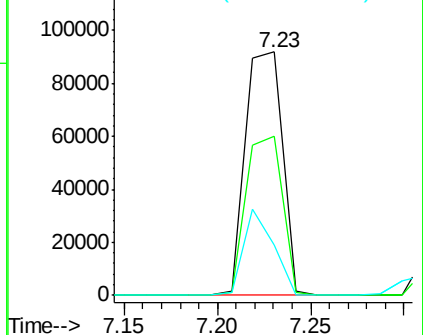
#12
 1,3-Dichlorobenzene
 Concen: 33.72 ng
 RT: 7.23 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB81839BS

Tgt Ion:146 Resp: 126478
 Ion Ratio Lower Upper
 146 100
 148 65.5 49.8 74.8
 75 20.7 28.2 42.4#

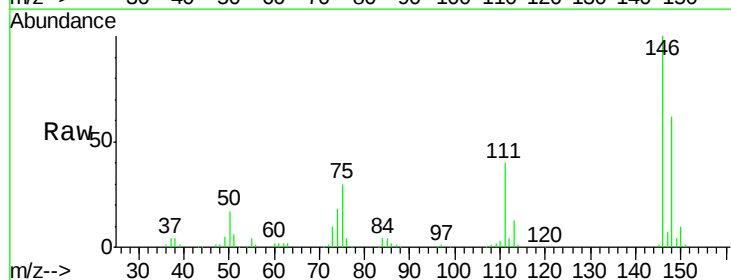


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

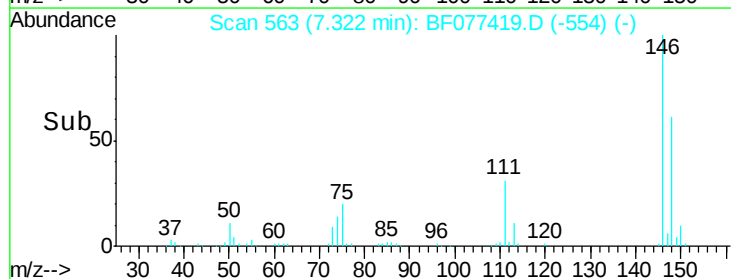
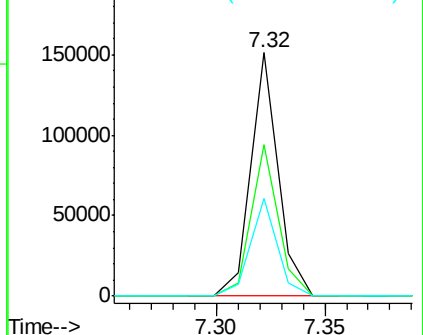


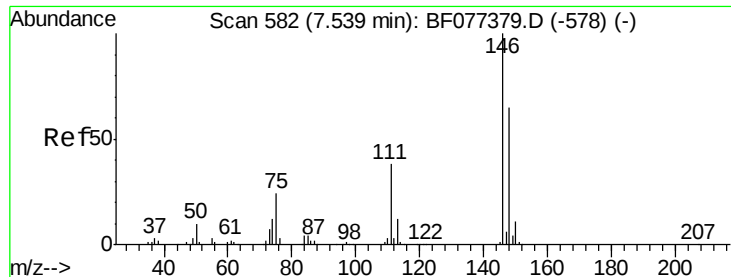
#13
 1,4-Dichlorobenzene
 Concen: 34.52 ng
 RT: 7.32 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Tgt Ion:146 Resp: 131699
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.0 78.0
 111 40.3 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: 34.21 ng

RT: 7.50 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB81839BS

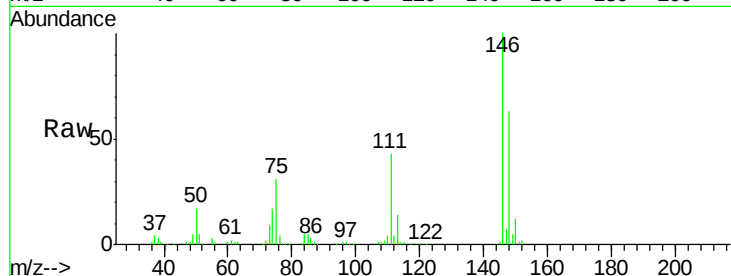
Tgt Ion:146 Resp: 124150

Ion Ratio Lower Upper

146 100

148 62.7 51.6 77.4

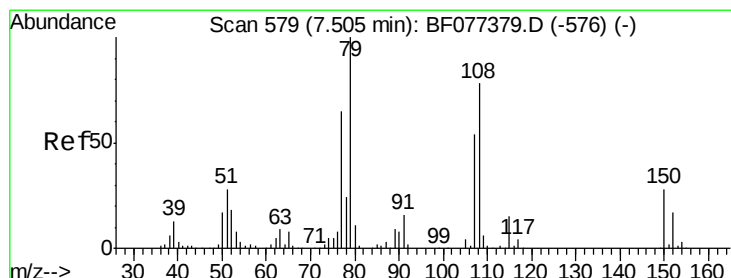
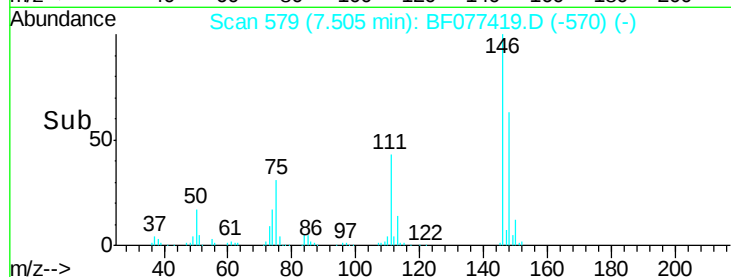
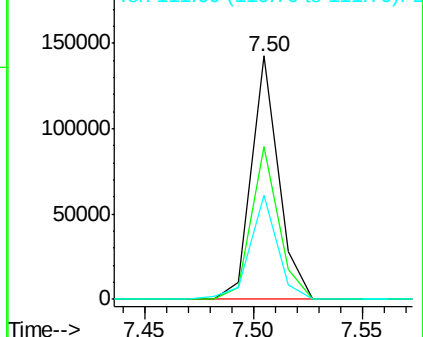
111 42.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 34.68 ng

RT: 7.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

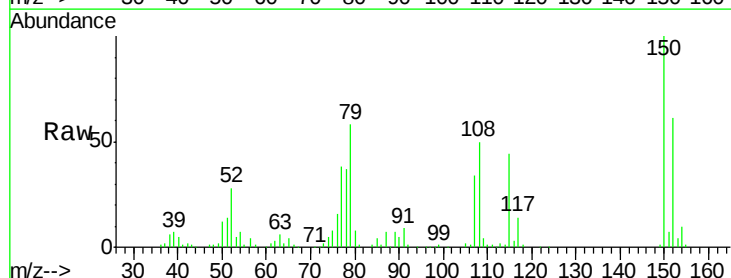
Tgt Ion: 79 Resp: 98960

Ion Ratio Lower Upper

79 100

108 85.9 58.3 87.5

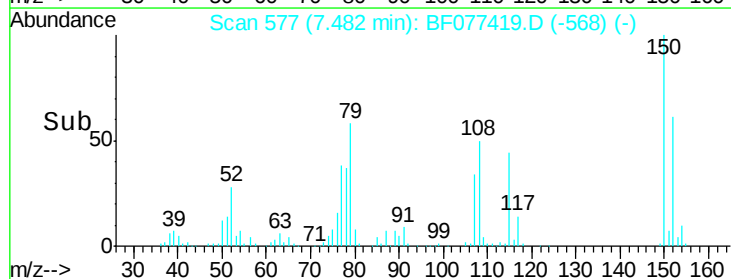
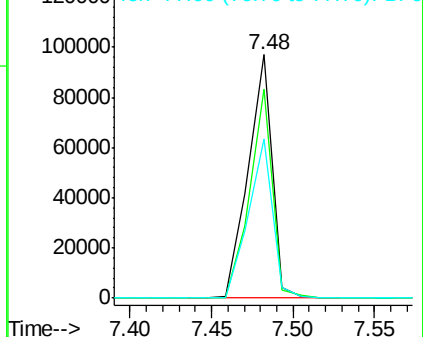
77 65.1 51.3 76.9

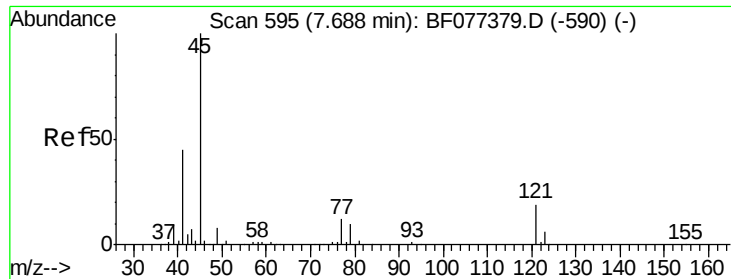


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

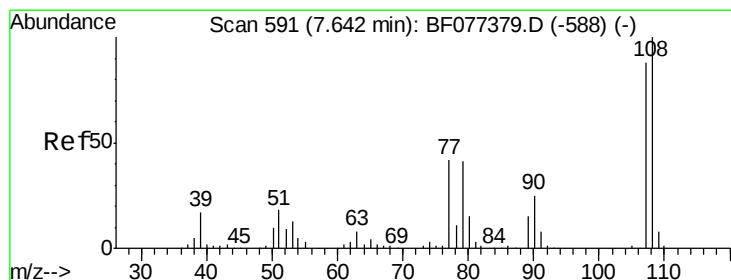
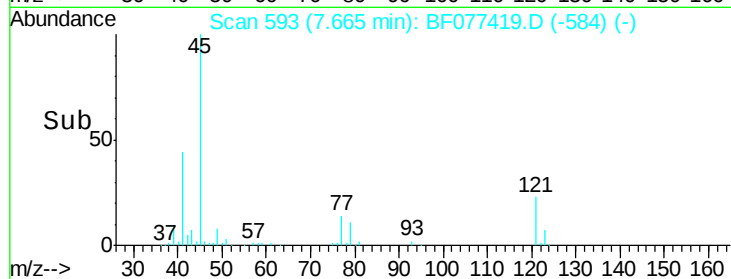
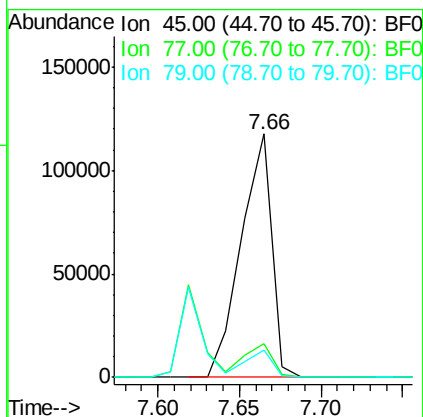
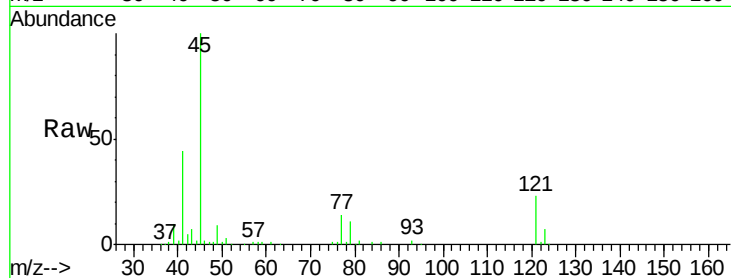




#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.38 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

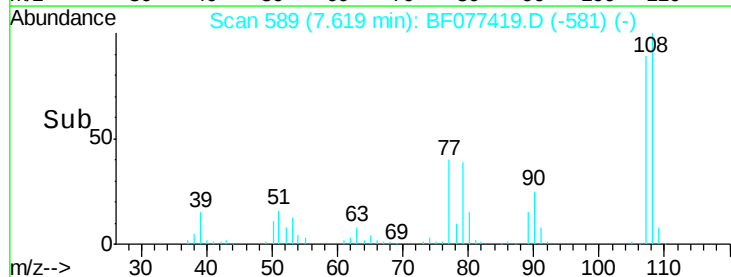
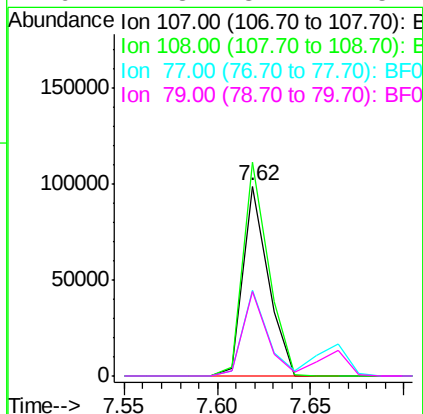
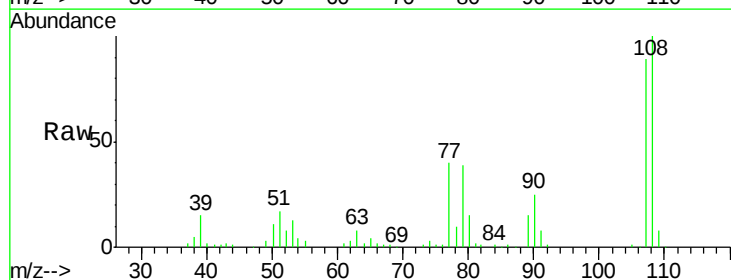
Instrument :
BNA_F
ClientSampleId :
PB81839BS

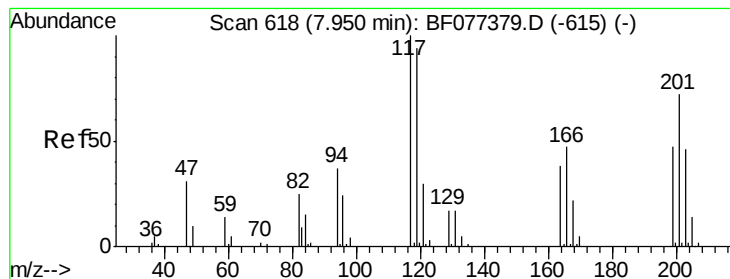
Tgt Ion: 45 Resp: 152694
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.6
79 11.2 0.0 31.5



#17
2-Methylphenol
Concen: 34.82 ng
RT: 7.62 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Tgt Ion: 107 Resp: 93728
Ion Ratio Lower Upper
107 100
108 112.5 91.2 136.8
77 45.4 33.6 50.4
79 44.3 32.1 48.1





#18

Hexachloroethane

Concen: 33.86 ng

RT: 7.93 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB81839BS

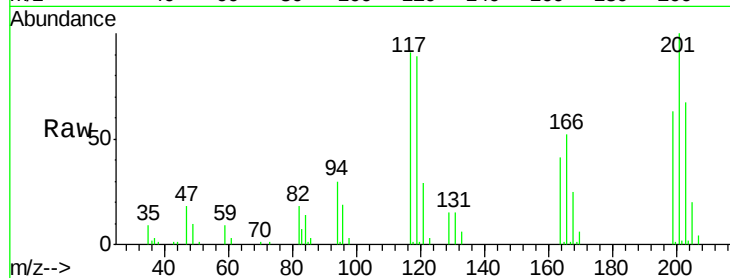
Tgt Ion: 117 Resp: 43143

Ion Ratio Lower Upper

117 100

119 98.0 77.8 116.8

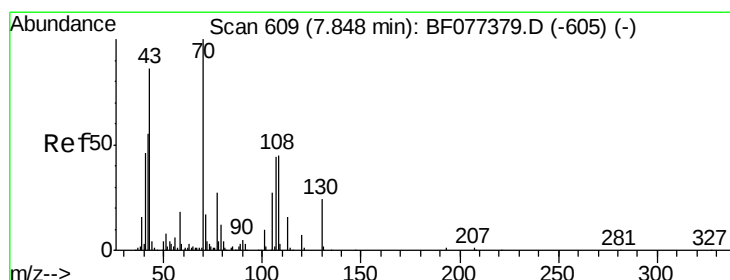
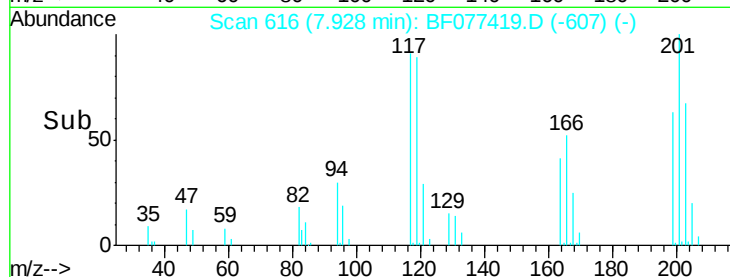
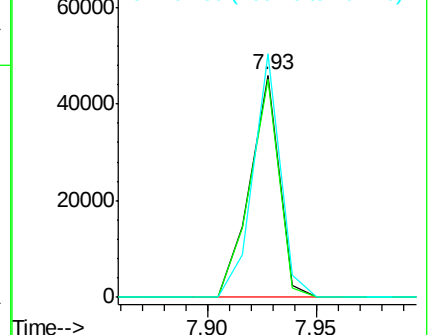
201 109.5 90.6 136.0



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: 34.18 ng

RT: 7.81 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Tgt Ion: 70 Resp: 81469

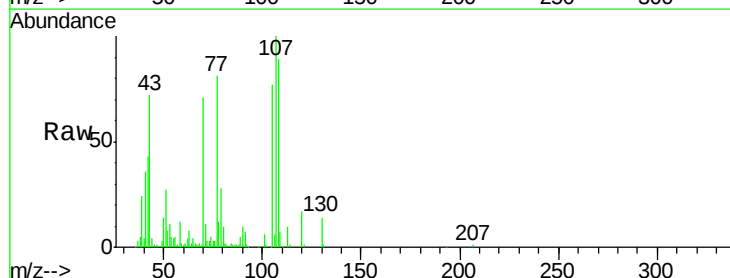
Ion Ratio Lower Upper

70 100

42 60.6 48.3 72.5

101 8.9 7.5 11.3

130 20.2 16.7 25.1

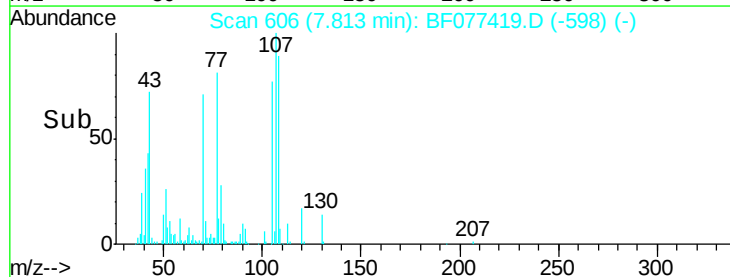
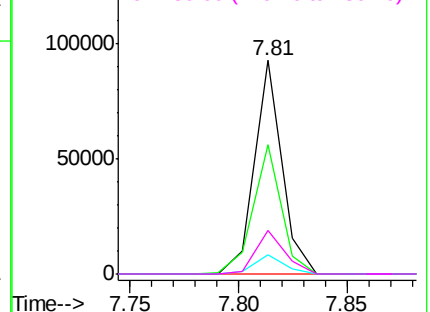


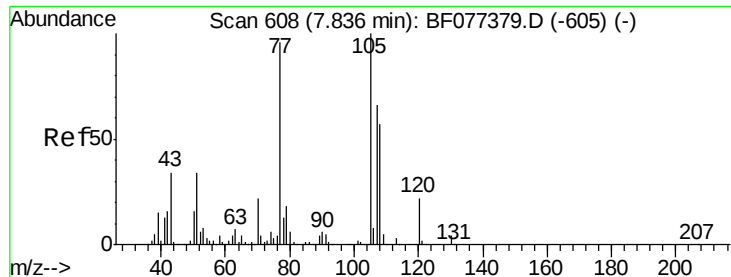
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 35.16 ng

RT: 7.81 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB81839BS

Tgt Ion:107 Resp: 124672

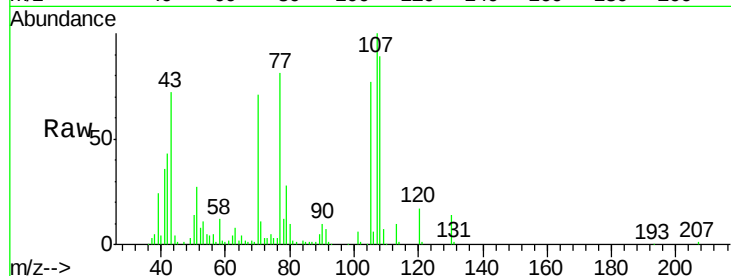
Ion Ratio Lower Upper

107 100

108 89.4 76.8 116.8

77 80.8 65.8 105.8

79 28.0 9.6 49.6



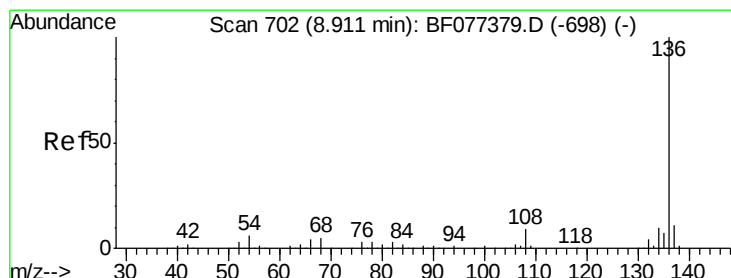
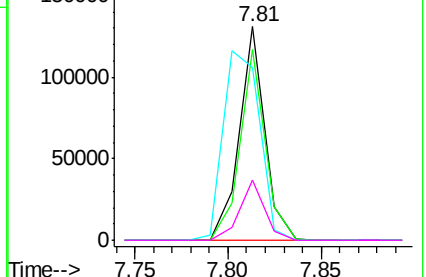
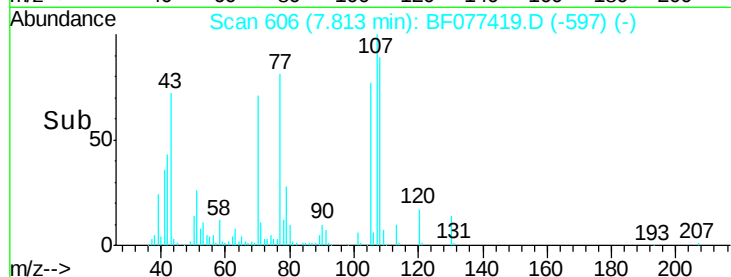
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Tgt Ion:136 Resp: 199712

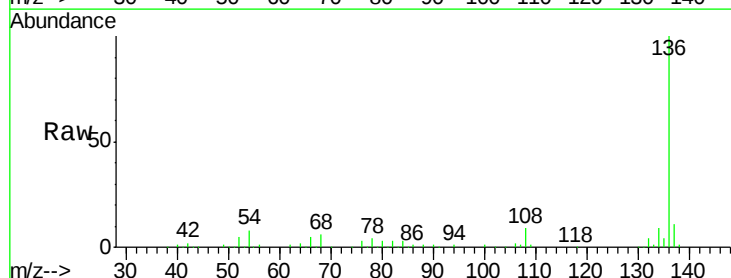
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 8.0 6.2 9.4

68 6.1 5.0 7.6



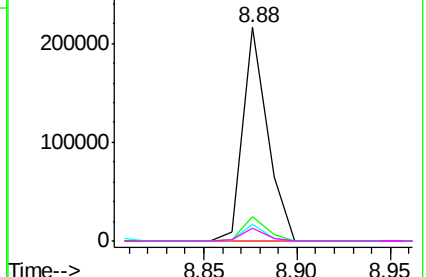
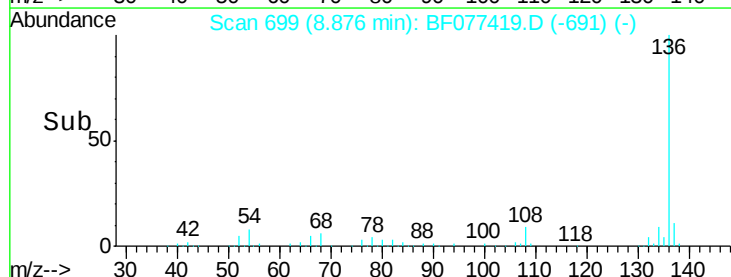
Abundance Ion 136.00 (135.70 to 136.70): E

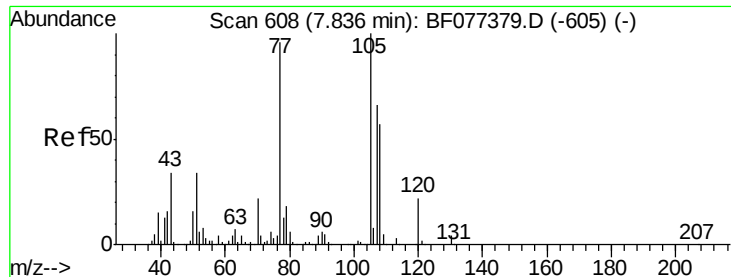
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->





#22

Acetophenone

Concen: 33.97 ng

RT: 7.80 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB81839BS

Tgt Ion: 105 Resp: 159607

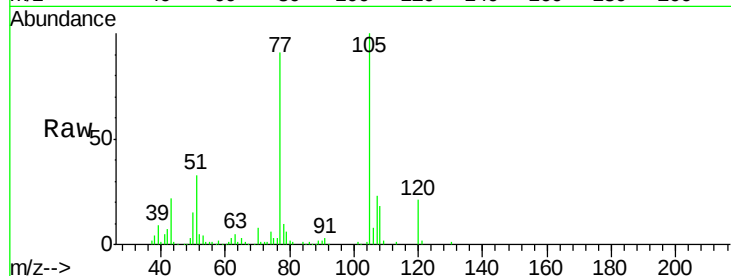
Ion Ratio Lower Upper

105 100

71 1.4 1.7 2.5#

51 33.5 30.7 46.1

120 20.7 16.7 25.1

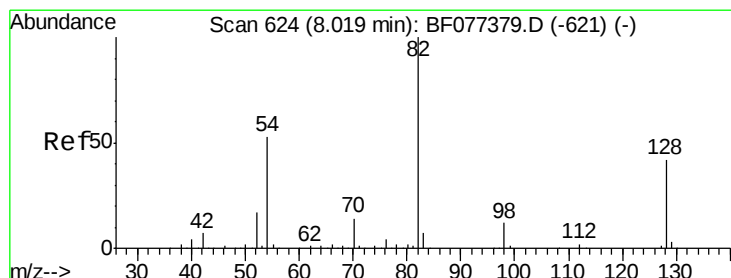
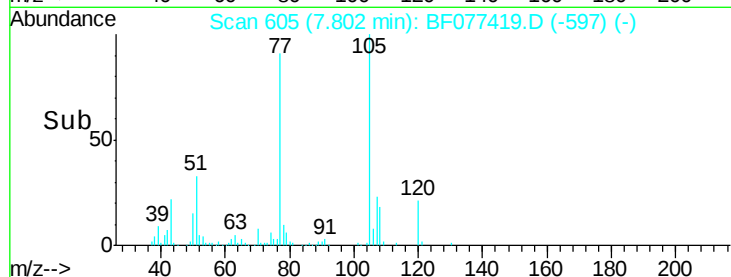
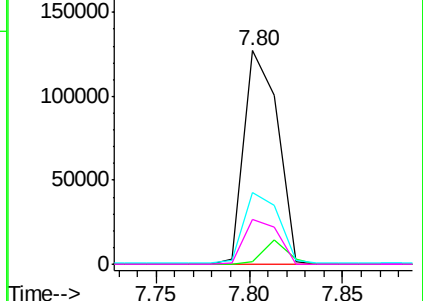


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 75.39 ng

RT: 8.00 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

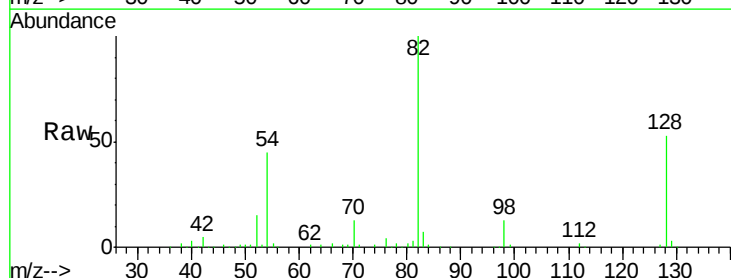
Tgt Ion: 82 Resp: 242118

Ion Ratio Lower Upper

82 100

128 53.1 43.8 65.8

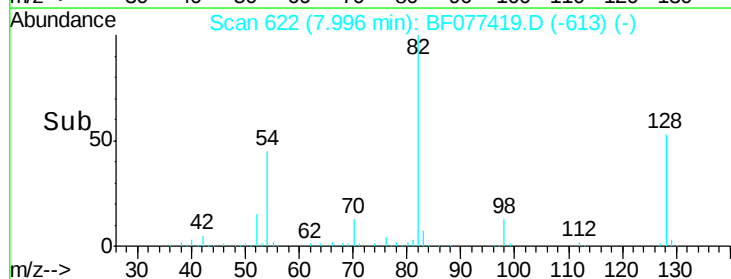
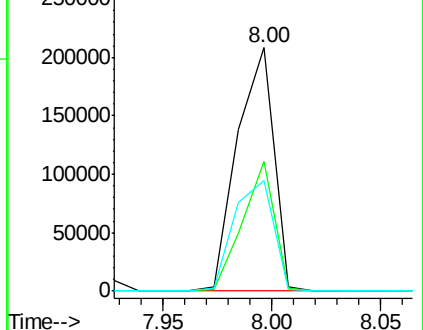
54 45.2 36.7 55.1

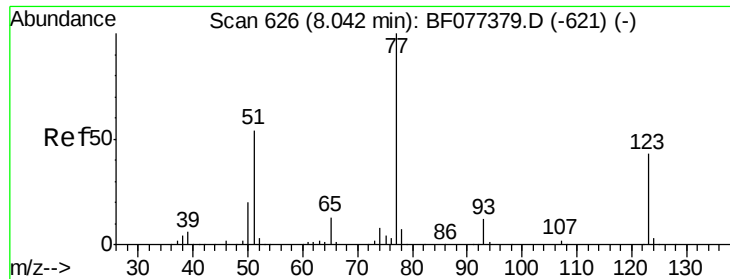


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

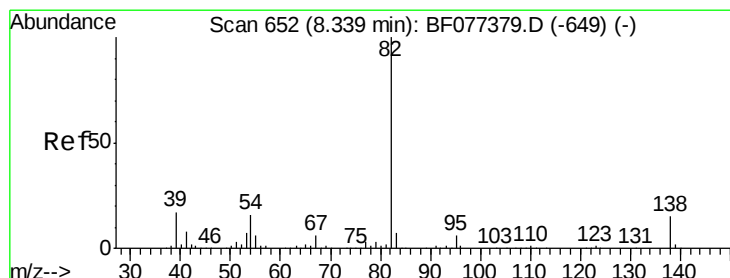
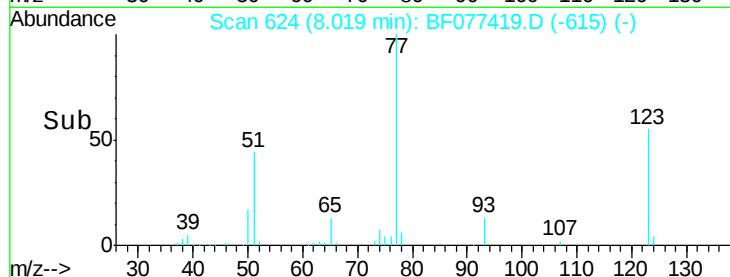
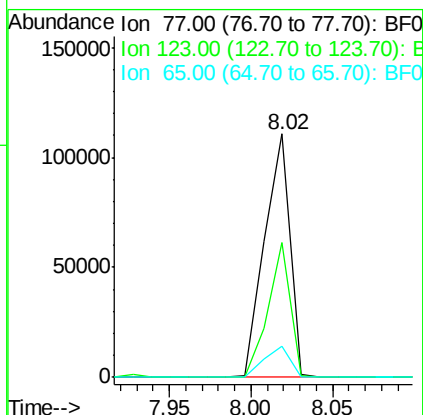
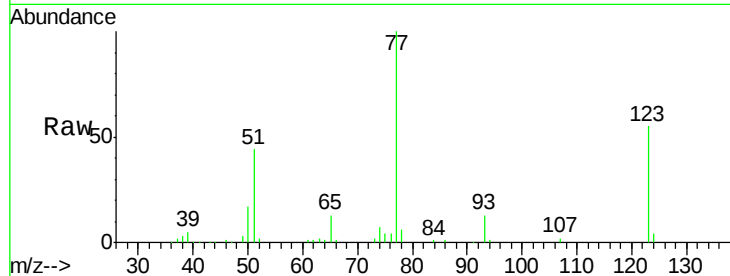




#24
Nitrobenzene
Concen: 35.60 ng
RT: 8.02 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

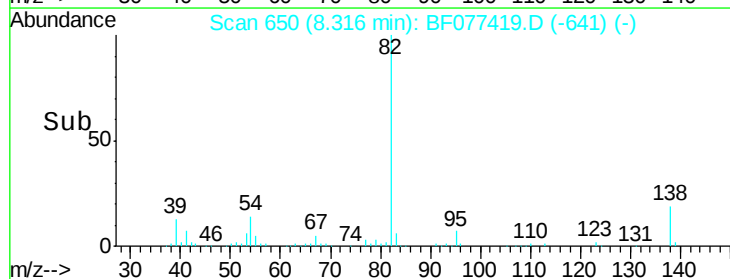
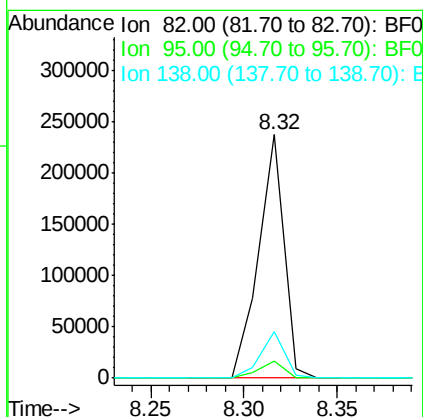
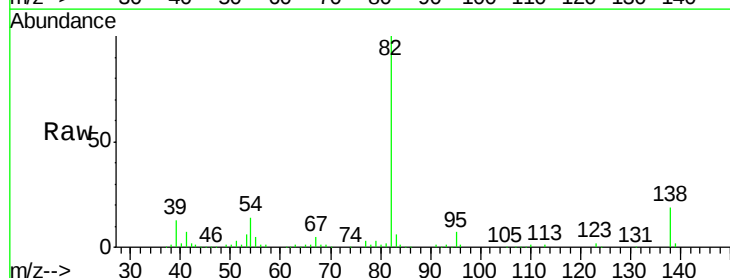
Instrument :
BNA_F
ClientSampleId :
PB81839BS

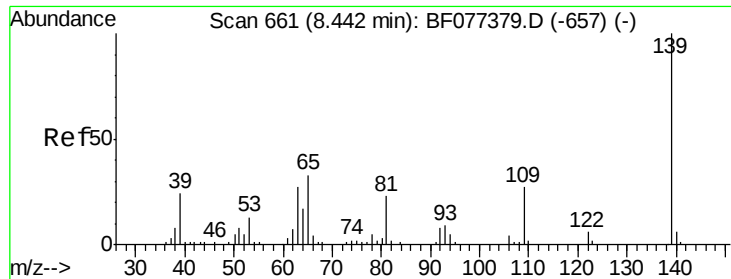
Tgt Ion: 77 Resp: 120294
Ion Ratio Lower Upper
77 100
123 55.4 45.9 68.9
65 12.6 9.5 14.3



#25
Isophorone
Concen: 35.04 ng
RT: 8.32 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Tgt Ion: 82 Resp: 223247
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 19.3 16.3 24.5

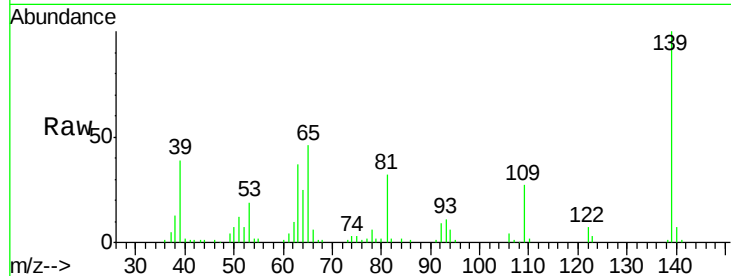




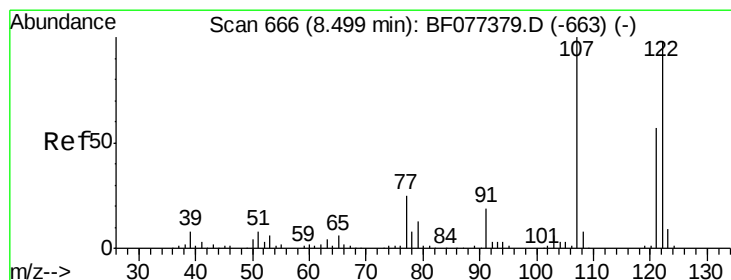
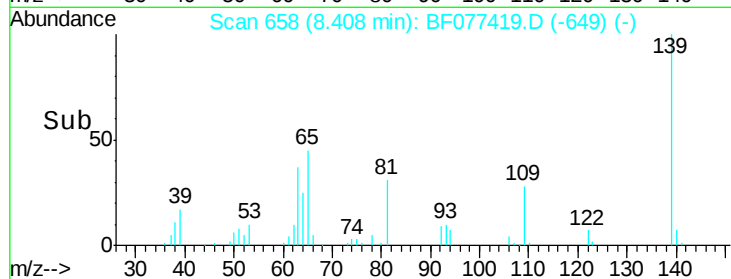
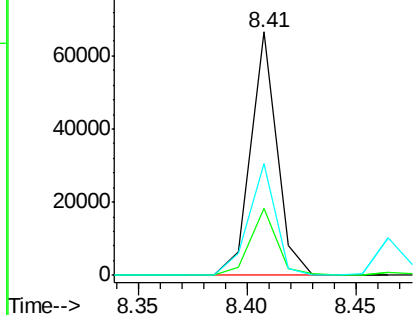
#26
 2-Nitrophenol
 Concen: 40.15 ng
 RT: 8.41 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB81839BS

Tgt Ion:139 Resp: 55600
 Ion Ratio Lower Upper
 139 100
 109 27.4 22.6 34.0
 65 45.7 36.4 54.6

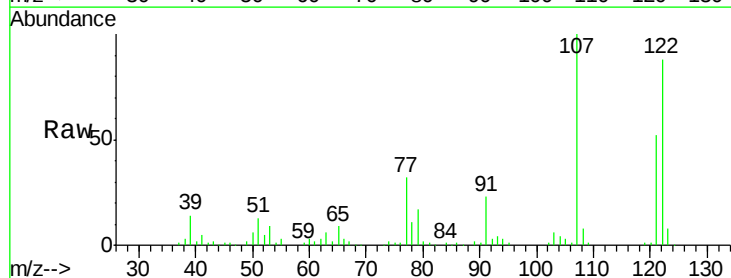


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

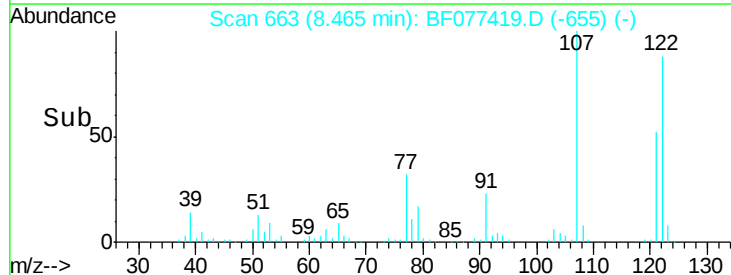
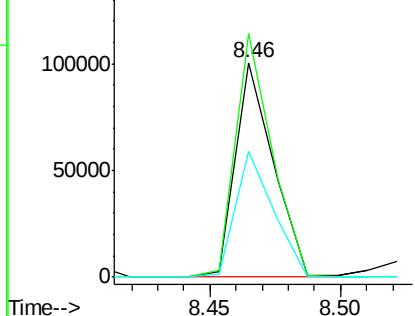


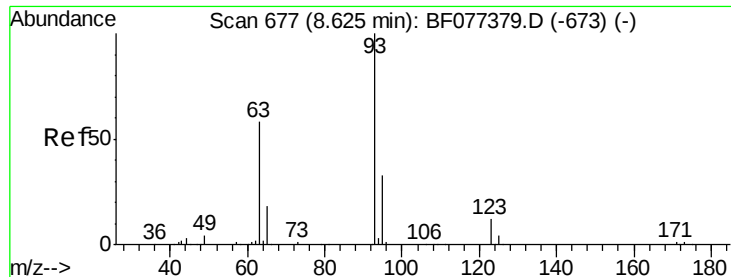
#27
 2,4-Dimethylphenol
 Concen: 33.13 ng
 RT: 8.46 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Tgt Ion:122 Resp: 102657
 Ion Ratio Lower Upper
 122 100
 107 113.7 86.6 130.0
 121 58.8 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

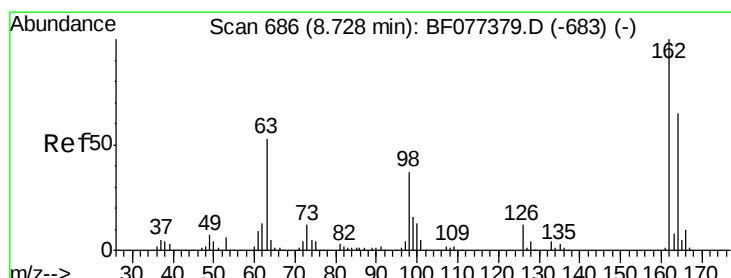
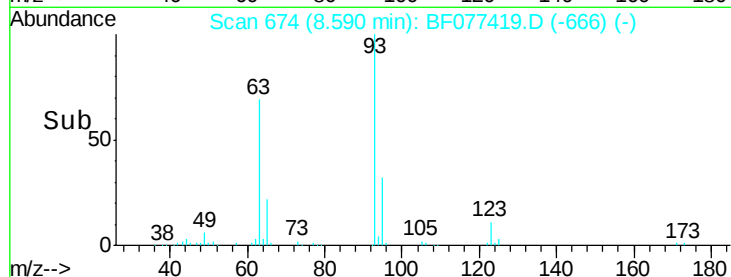
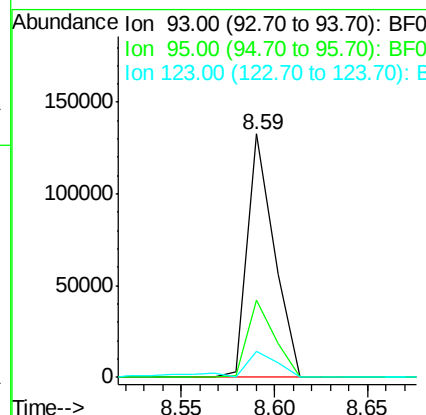
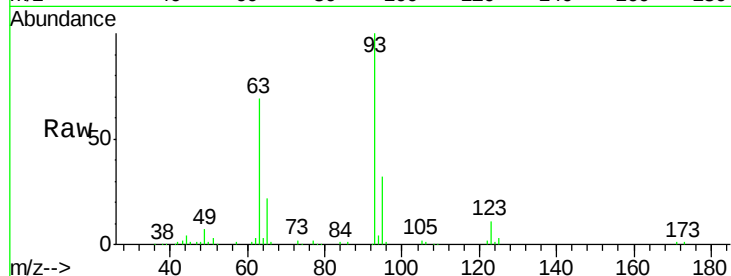




#28
bis(2-Chloroethoxy)methane
Concen: 32.75 ng
RT: 8.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

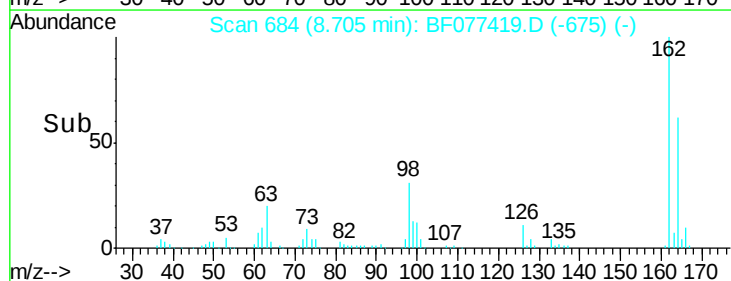
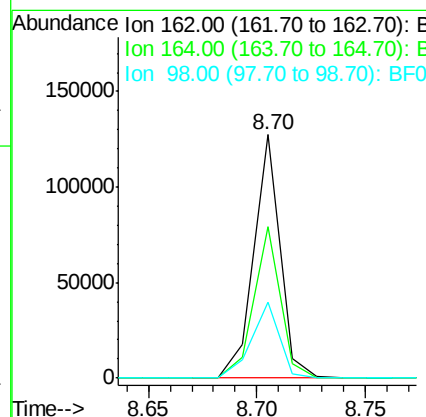
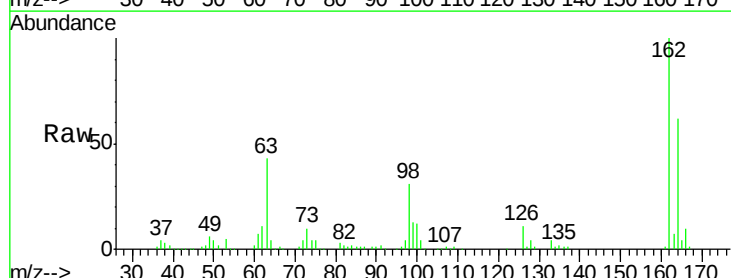
Instrument :
BNA_F
ClientSampleId :
PB81839BS

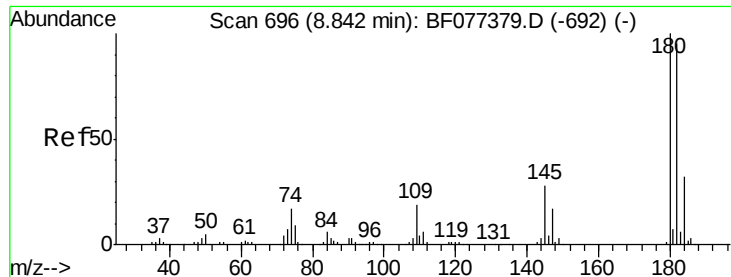
Tgt Ion: 93 Resp: 131827
Ion Ratio Lower Upper
93 100
95 31.7 26.4 39.6
123 10.6 8.7 13.1



#29
2,4-Dichlorophenol
Concen: 36.80 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Tgt Ion: 162 Resp: 107029
Ion Ratio Lower Upper
162 100
164 62.3 46.4 86.4
98 31.4 6.9 46.9

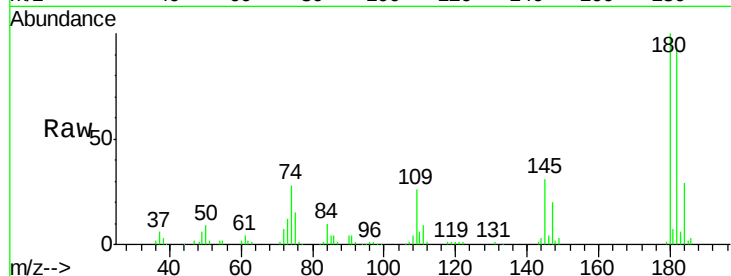




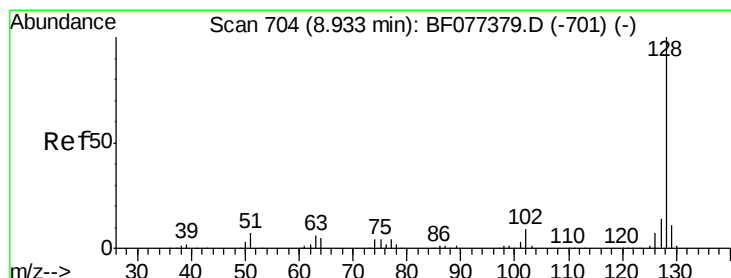
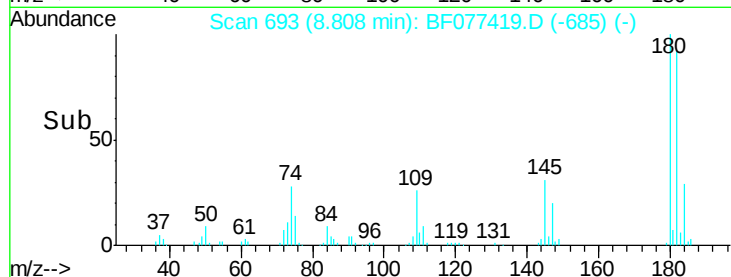
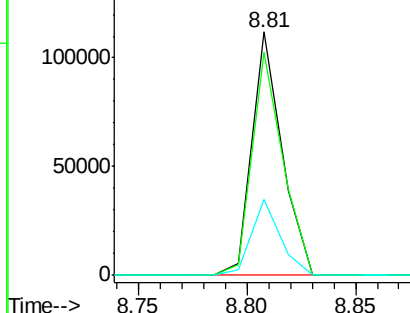
#30
 1,2,4-Trichlorobenzene
 Concen: 33.57 ng
 RT: 8.81 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB81839BS

Tgt Ion:180 Resp: 107352
 Ion Ratio Lower Upper
 180 100
 182 91.5 76.2 114.4
 145 31.3 24.5 36.7

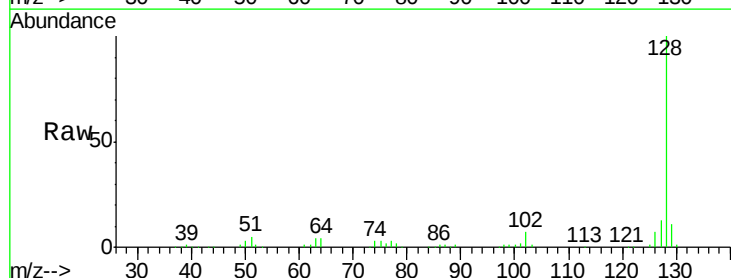


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

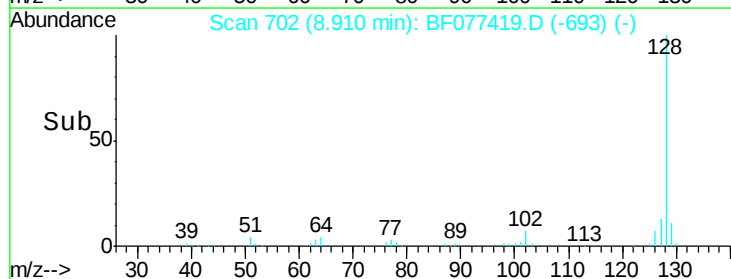
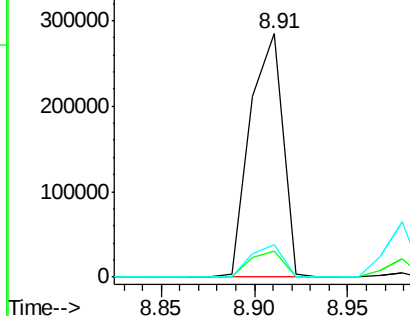


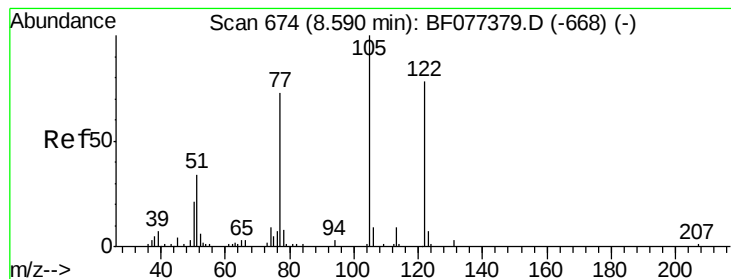
#31
 Naphthalene
 Concen: 34.51 ng
 RT: 8.91 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Tgt Ion:128 Resp: 344618
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.4 14.0
 127 13.1 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 40.34 ng

RT: 8.57 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB81839BS

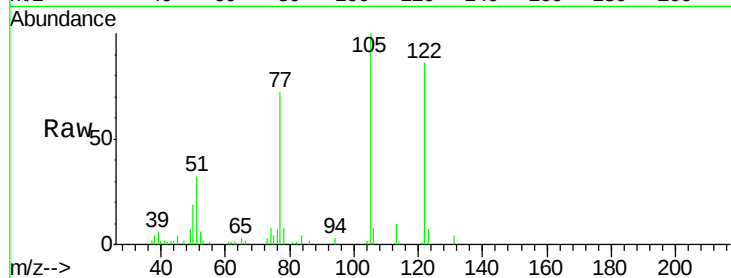
Tgt Ion:122 Resp: 60744

Ion Ratio Lower Upper

122 100

105 116.5 100.3 140.3

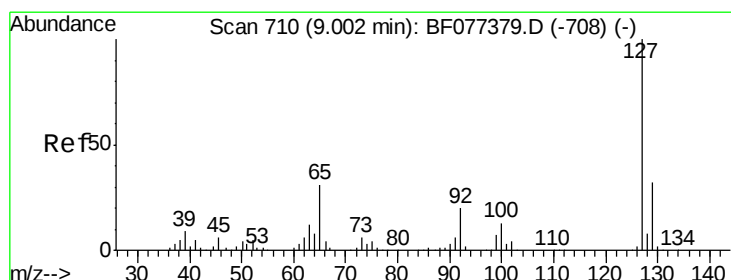
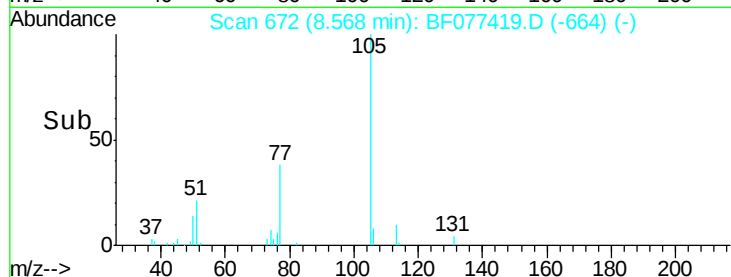
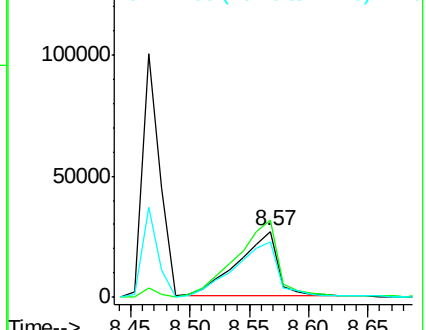
77 83.3 68.7 108.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 14.34 ng

RT: 8.98 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Tgt Ion:127 Resp: 63675

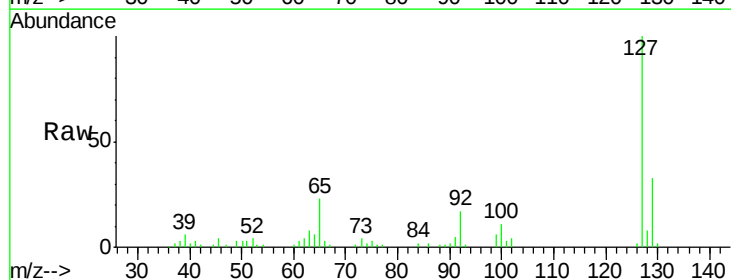
Ion Ratio Lower Upper

127 100

129 33.2 26.9 40.3

65 23.2 16.7 25.1

92 16.9 12.5 18.7

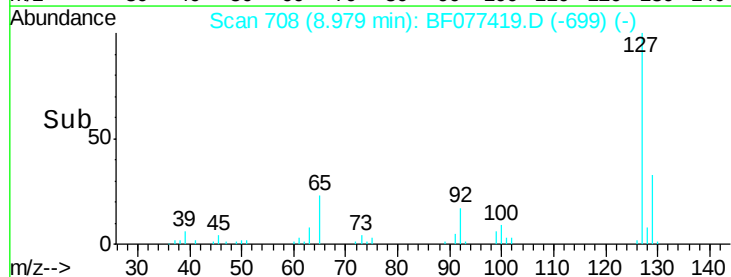
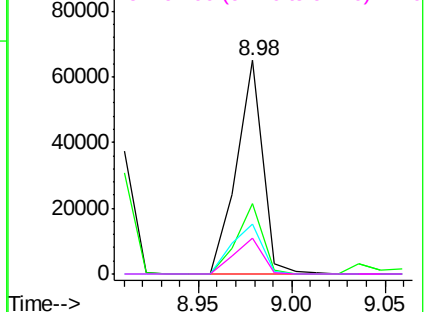


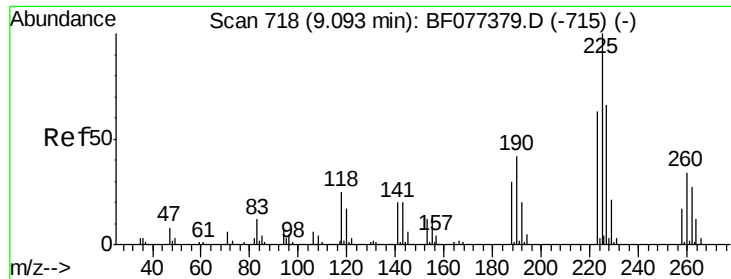
Abundance Ion 127.00 (126.70 to 127.70): E

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

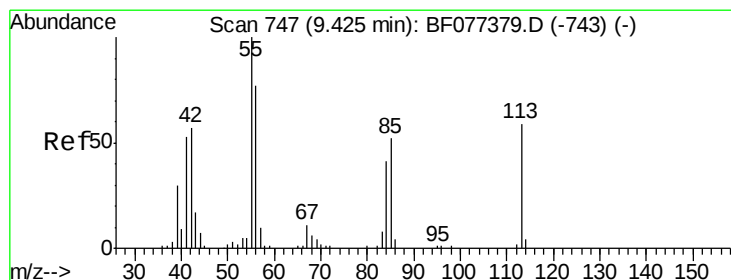
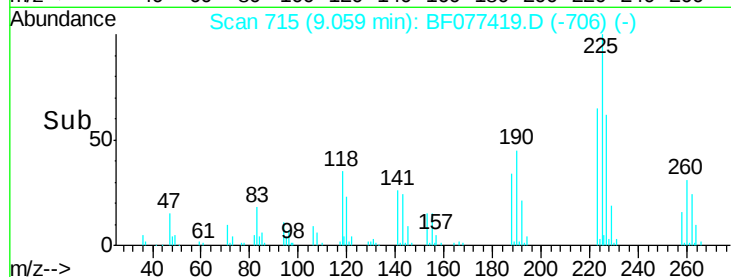
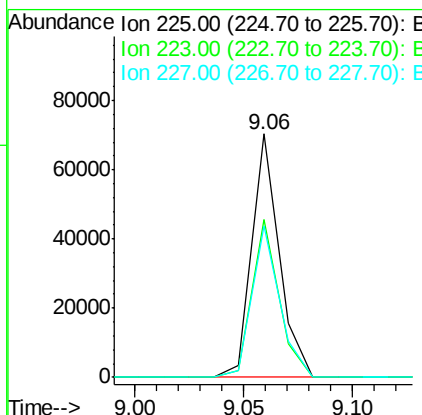
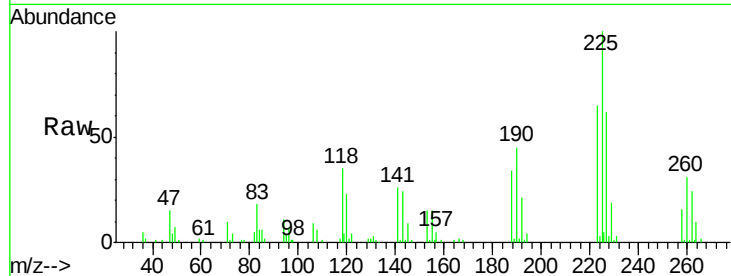




#34
Hexachlorobutadiene
Concen: 33.56 ng
RT: 9.06 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

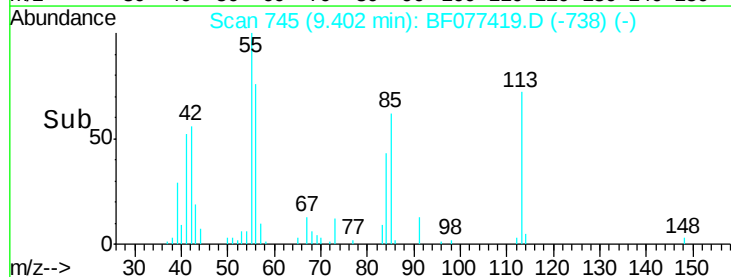
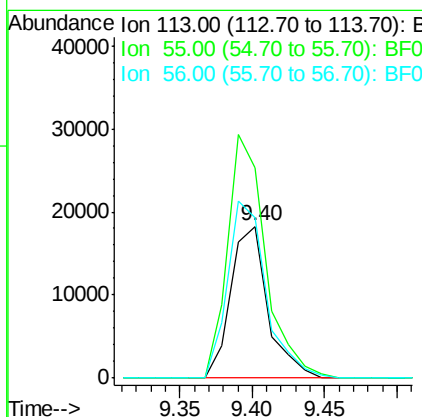
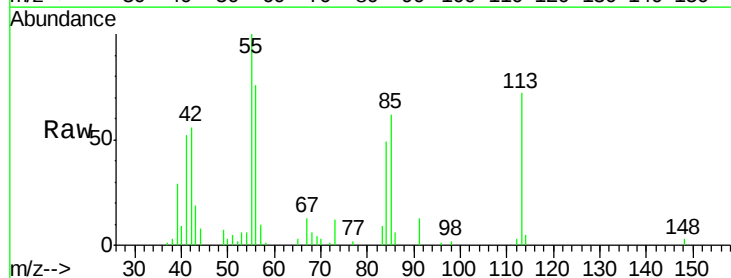
Instrument :
BNA_F
ClientSampleId :
PB81839BS

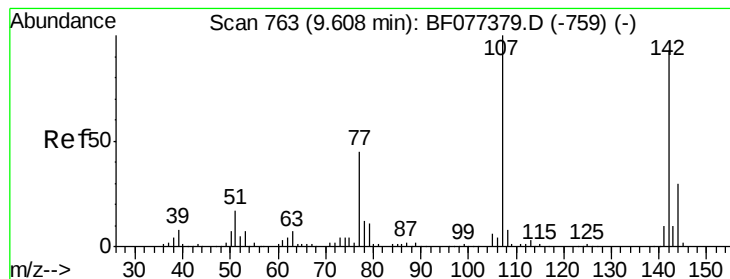
Tgt Ion: 225 Resp: 61261
Ion Ratio Lower Upper
225 100
223 64.7 49.5 74.3
227 62.1 50.5 75.7



#35
Caprolactam
Concen: 36.42 ng
RT: 9.40 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Tgt Ion: 113 Resp: 32337
Ion Ratio Lower Upper
113 100
55 138.9 154.6 194.6#
56 105.7 114.0 154.0#





#36

4-Chloro-3-methylphenol

Concen: 35.16 ng

RT: 9.57 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB81839BS

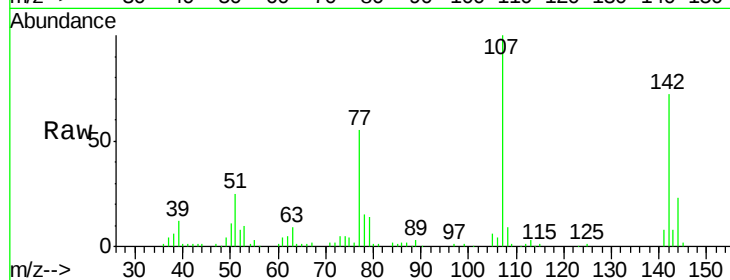
Tgt Ion:107 Resp: 102803

Ion Ratio Lower Upper

107 100

144 23.4 21.1 31.7

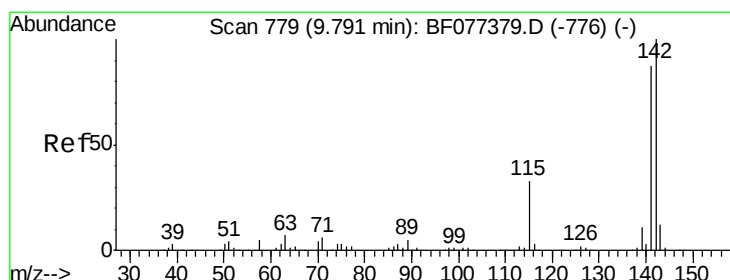
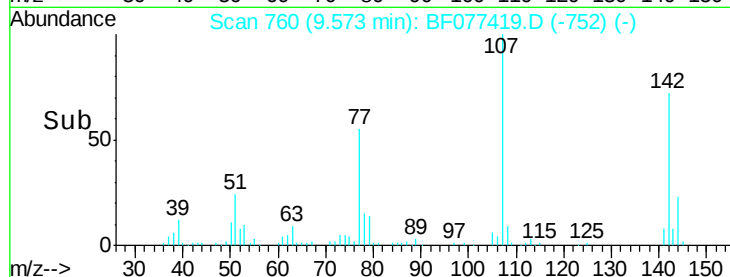
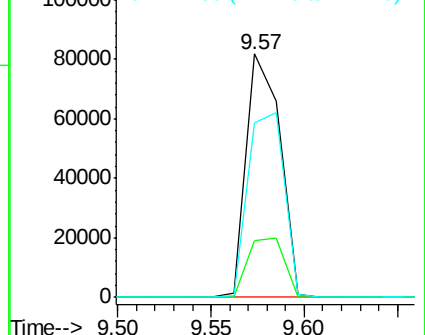
142 71.6 65.3 97.9



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 34.41 ng

RT: 9.77 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

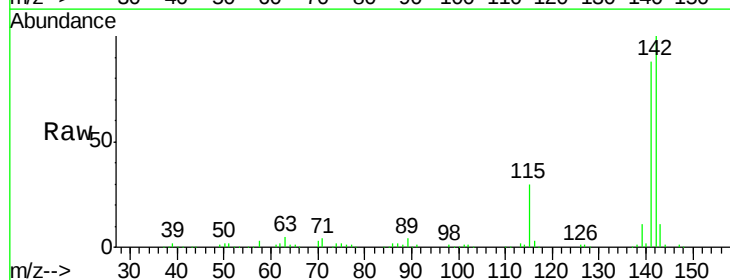
Tgt Ion:142 Resp: 244033

Ion Ratio Lower Upper

142 100

141 87.9 70.7 106.1

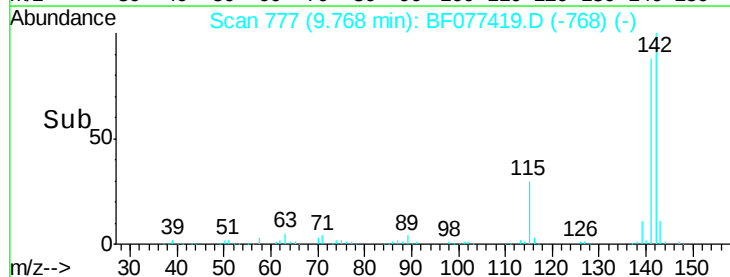
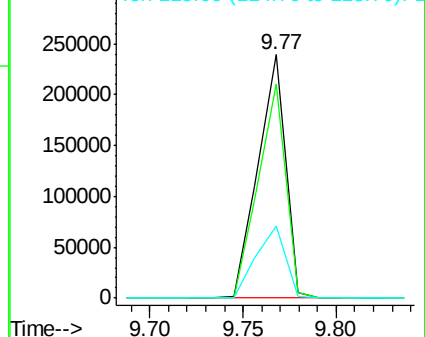
115 29.6 24.2 36.4

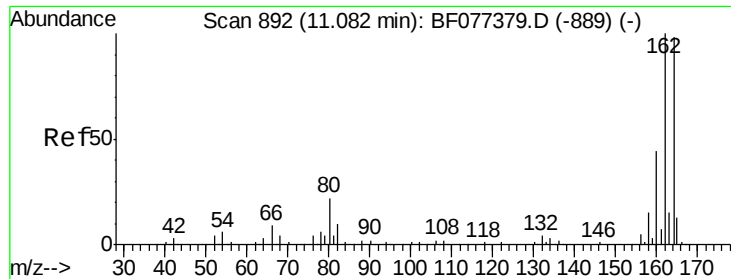


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

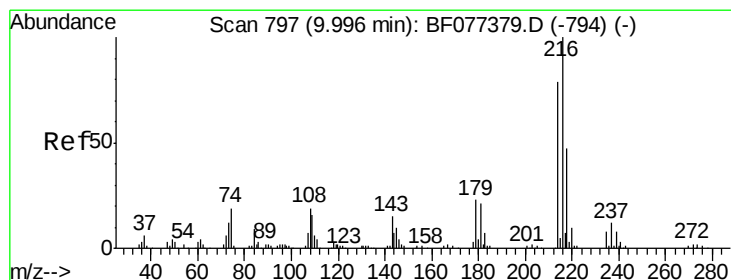
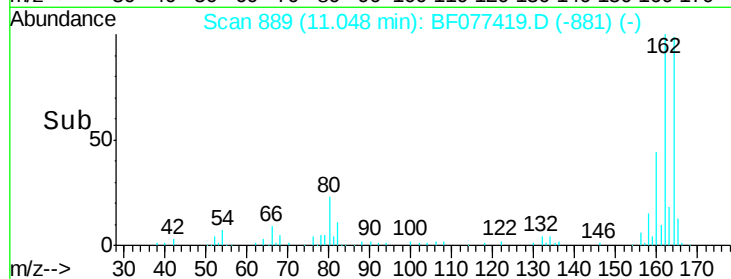
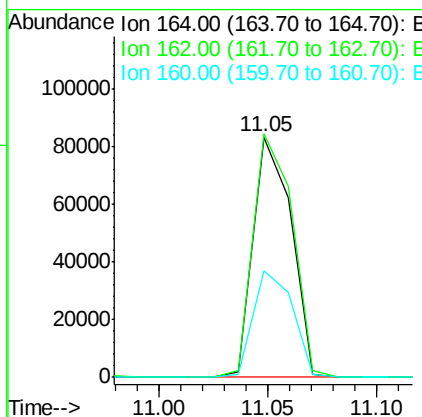
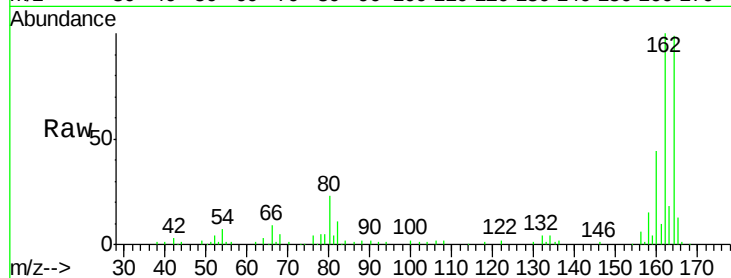




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

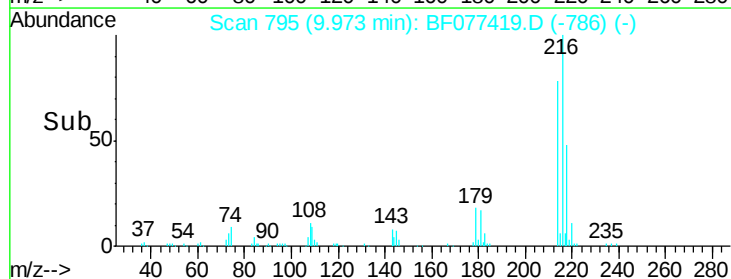
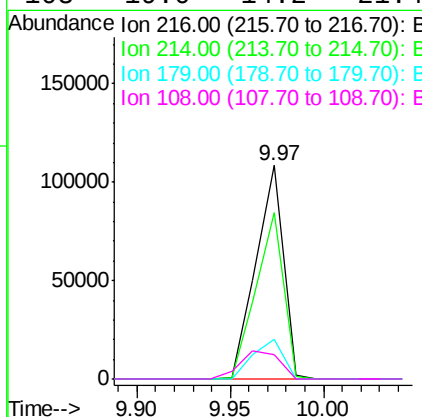
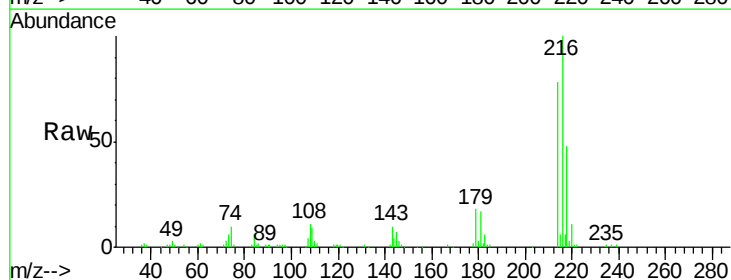
Instrument :
 BNA_F
 ClientSampled :
 PB81839BS

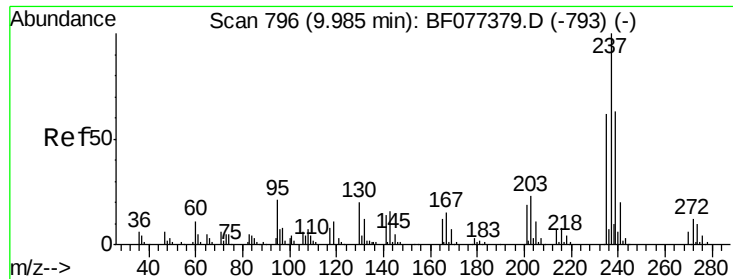
Tgt Ion:164 Resp: 101883
 Ion Ratio Lower Upper
 164 100
 162 101.4 83.2 124.8
 160 44.4 34.6 52.0



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.82 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Tgt Ion:216 Resp: 110563
 Ion Ratio Lower Upper
 216 100
 214 77.9 63.4 95.0
 179 20.3 16.6 25.0
 108 19.0 14.2 21.4

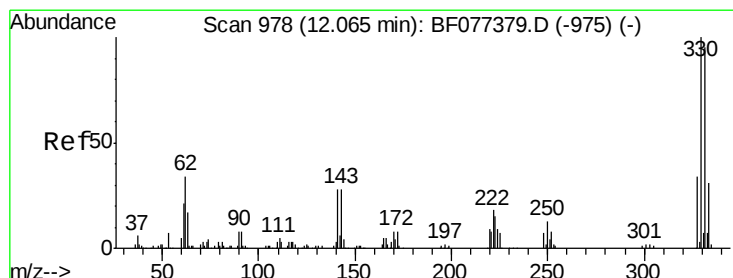
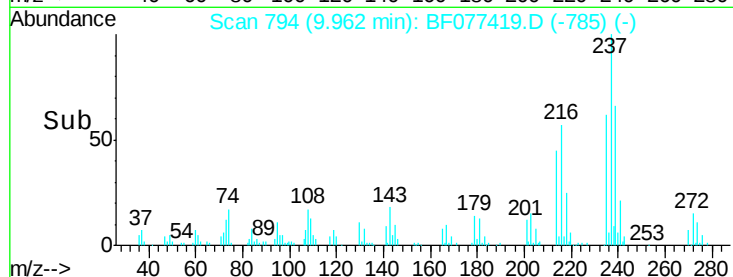
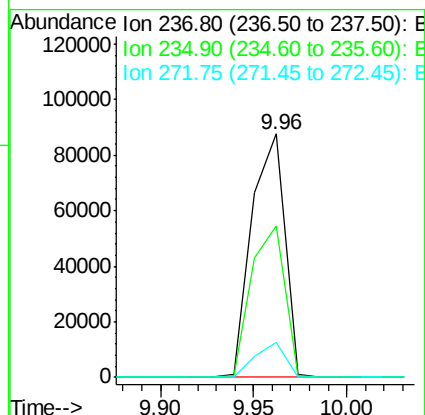
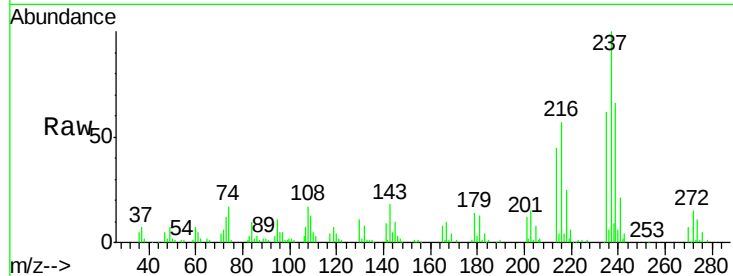




#40
Hexachlorocyclopentadiene
Concen: 68.36 ng
RT: 9.96 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

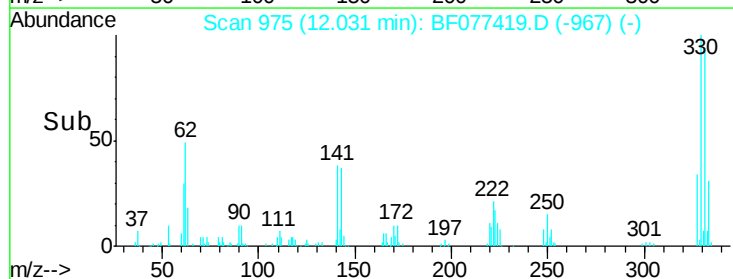
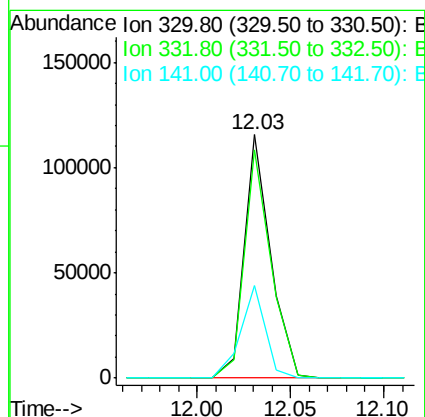
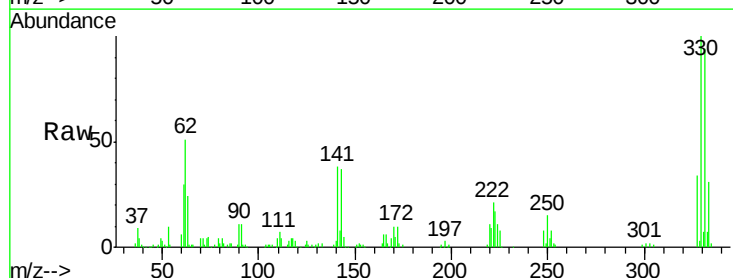
Instrument :
BNA_F
ClientSampleId :
PB81839BS

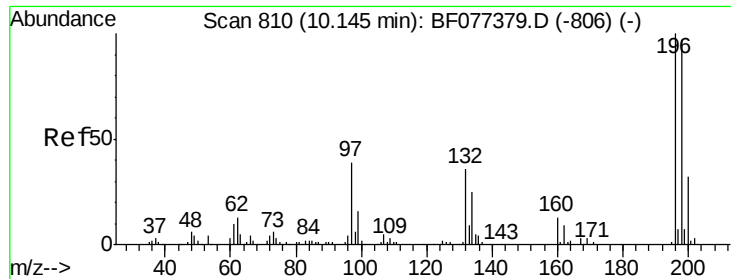
Tgt Ion: 237 Resp: 107160
Ion Ratio Lower Upper
237 100
235 62.2 41.0 81.0
272 14.5 0.0 34.3



#41
2,4,6-Tribromophenol
Concen: 115.78 ng
RT: 12.03 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Tgt Ion: 330 Resp: 113583
Ion Ratio Lower Upper
330 100
332 94.9 77.4 116.2
141 36.4 28.8 43.2

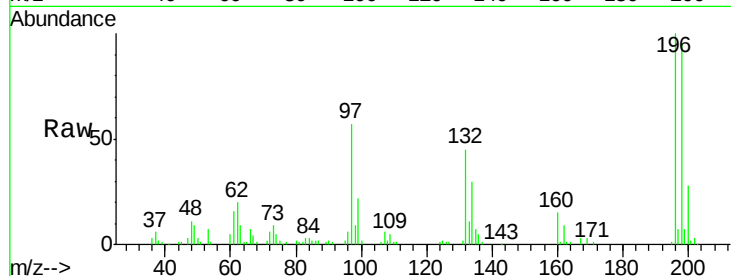




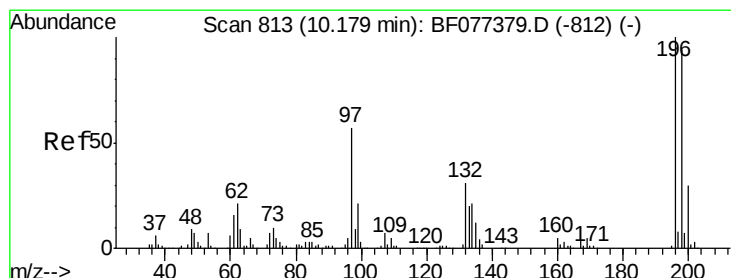
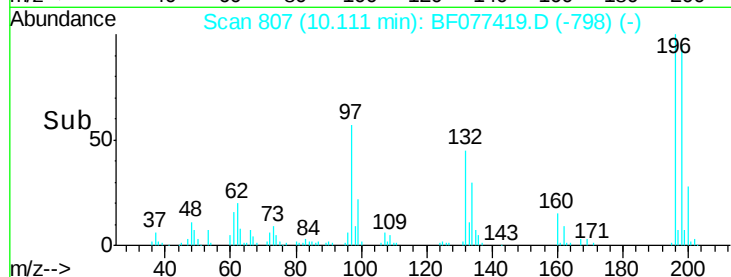
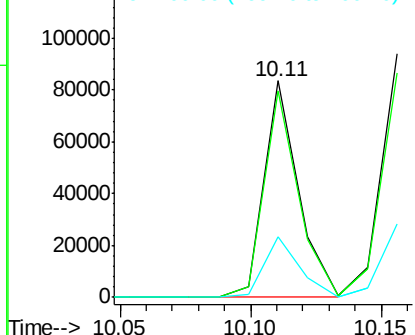
#42
 2,4,6-Trichlorophenol
 Concen: 39.61 ng
 RT: 10.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB81839BS

Tgt Ion:196 Resp: 76687
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.8 113.8
 200 28.2 24.2 36.4



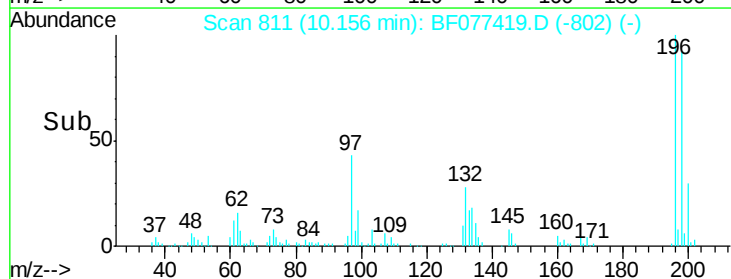
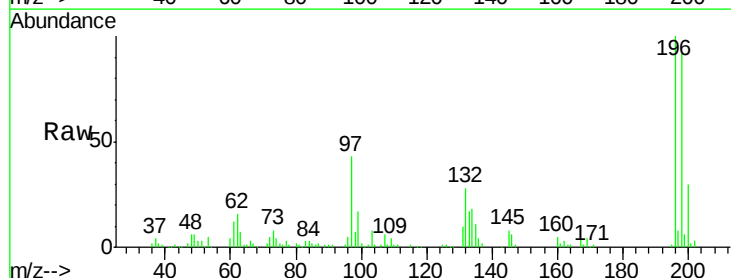
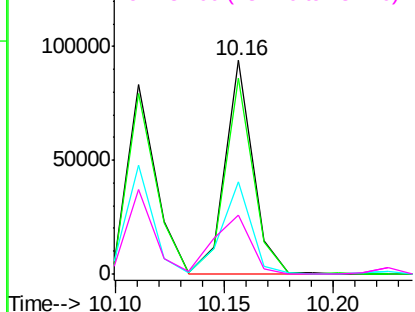
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

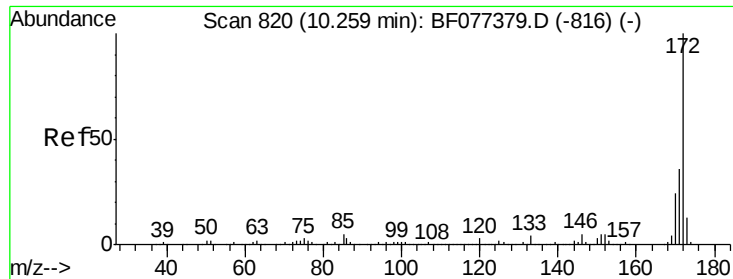


#43
 2,4,5-Trichlorophenol
 Concen: 40.21 ng
 RT: 10.16 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Tgt Ion:196 Resp: 83242
 Ion Ratio Lower Upper
 196 100
 198 91.9 77.2 115.8
 97 43.2 27.7 41.5#
 132 27.5 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

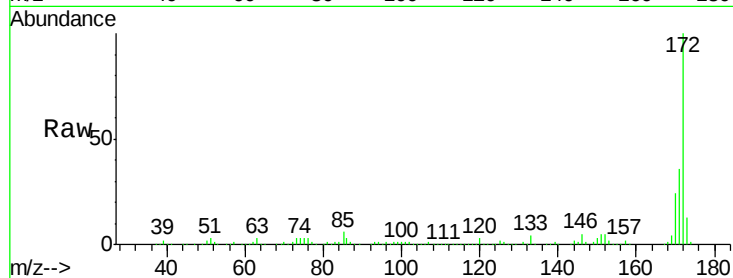




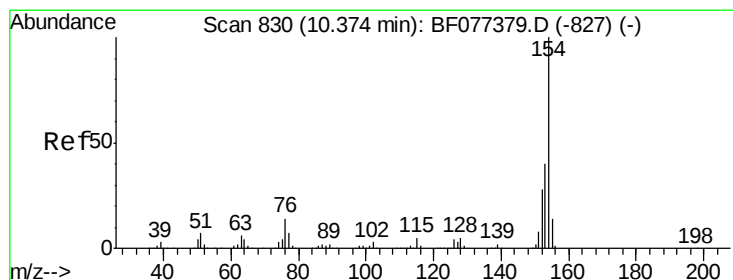
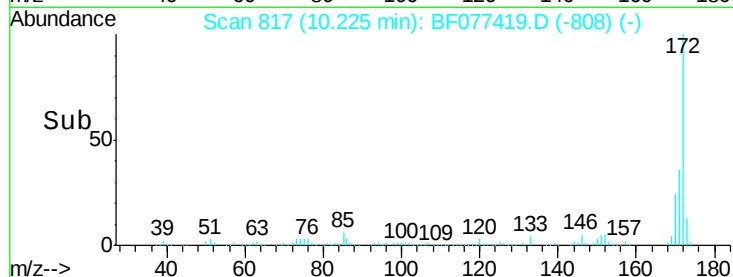
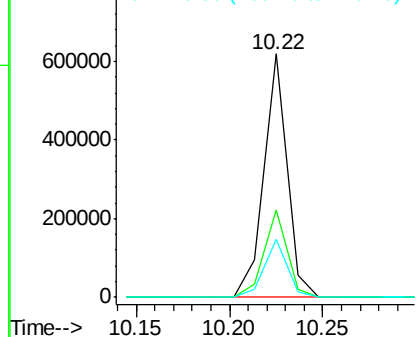
#44
 2-Fluorobiphenyl
 Concen: 80.98 ng
 RT: 10.22 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB81839BS

Tgt Ion:172 Resp: 529130
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.8 19.4 29.2

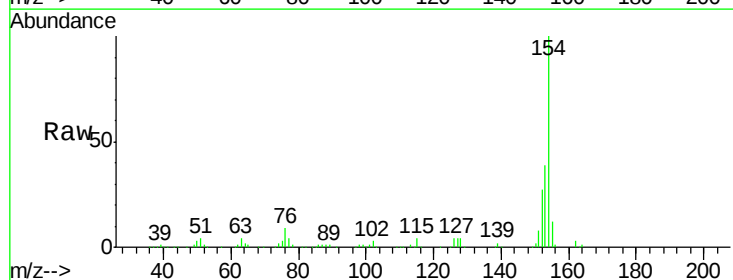


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

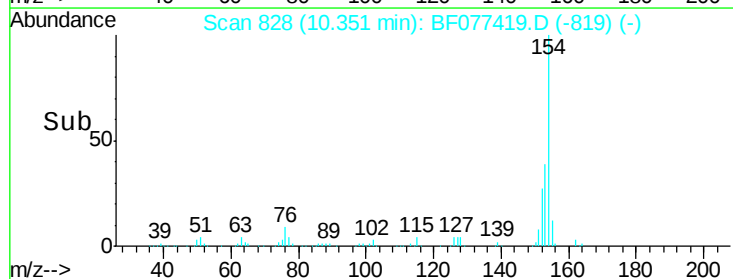
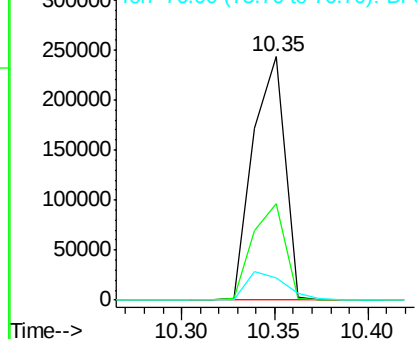


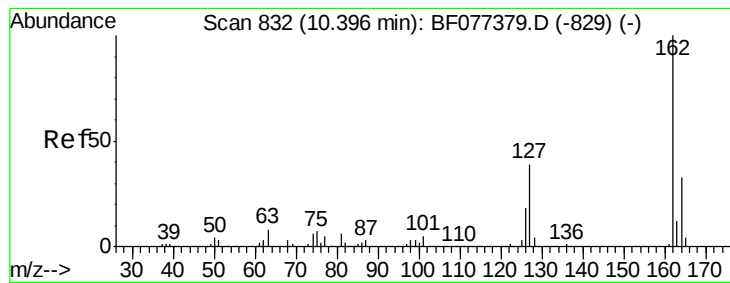
#45
 1,1'-Biphenyl
 Concen: 37.41 ng
 RT: 10.35 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Tgt Ion:154 Resp: 288776
 Ion Ratio Lower Upper
 154 100
 153 39.4 20.2 60.2
 76 9.0 0.0 29.4



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

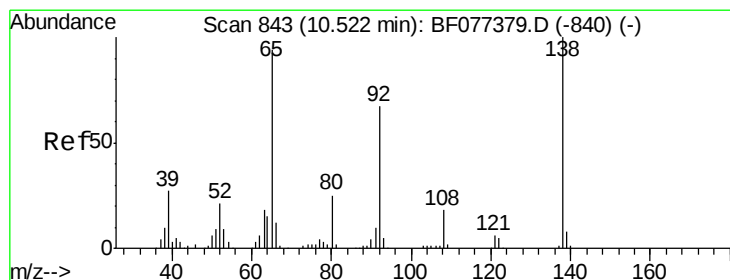
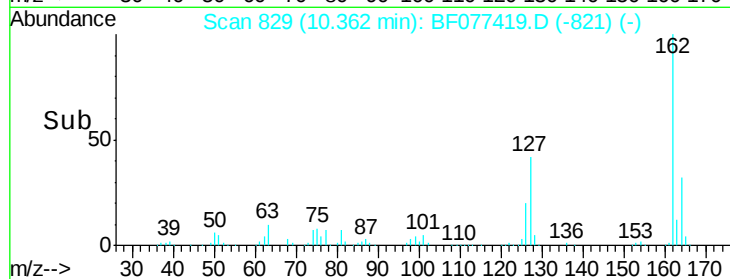
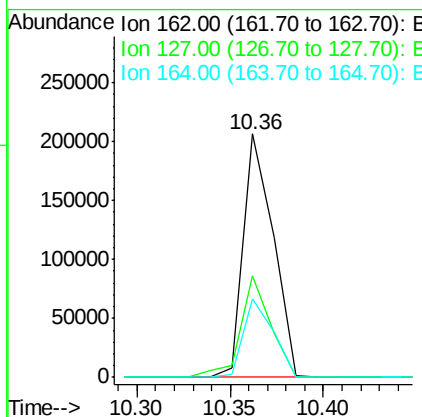
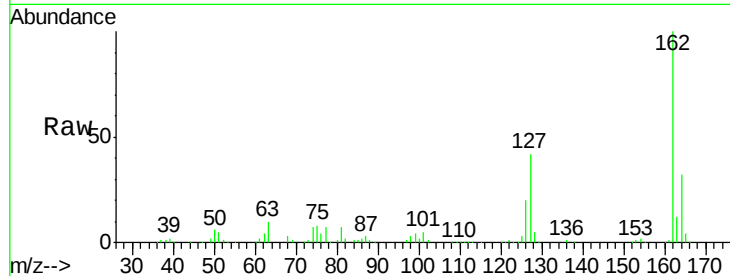




#46
 2-Chloronaphthalene
 Concen: 37.79 ng
 RT: 10.36 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

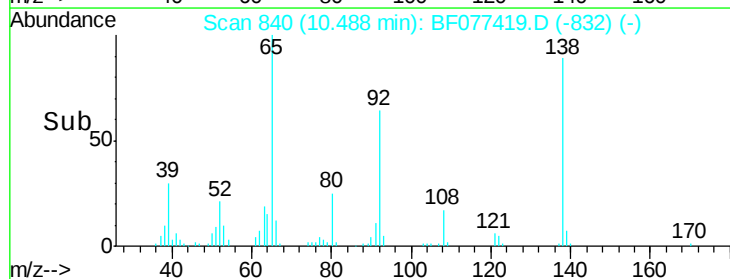
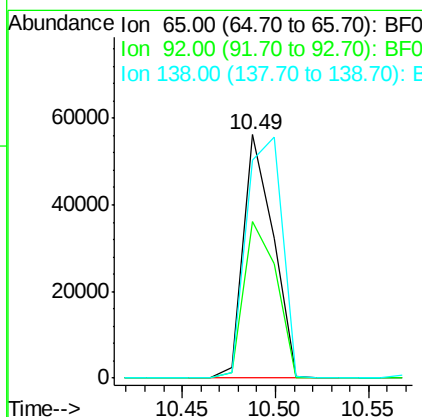
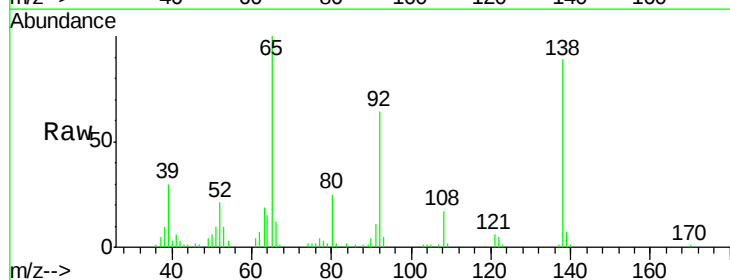
Instrument :
 BNA_F
 ClientSampleId :
 PB81839BS

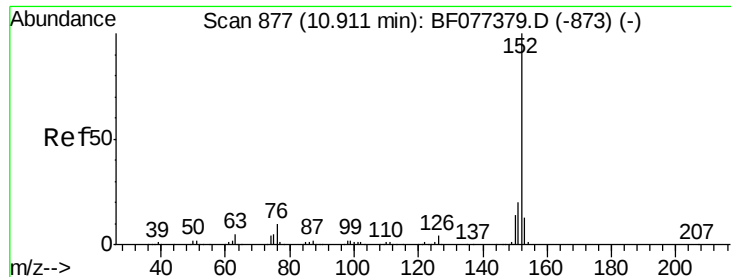
Tgt Ion: 162 Resp: 228742
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.3 49.9
 164 32.0 26.2 39.4



#47
 2-Nitroaniline
 Concen: 41.96 ng
 RT: 10.49 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Tgt Ion: 65 Resp: 62523
 Ion Ratio Lower Upper
 65 100
 92 64.3 52.4 78.6
 138 89.3 73.4 110.0





#48

Acenaphthylene

Concen: 38.41 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB81839BS

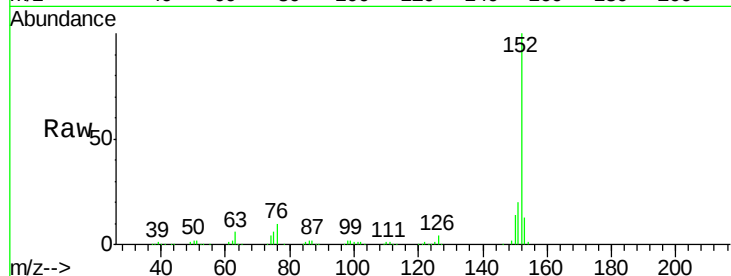
Tgt Ion:152 Resp: 368109

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

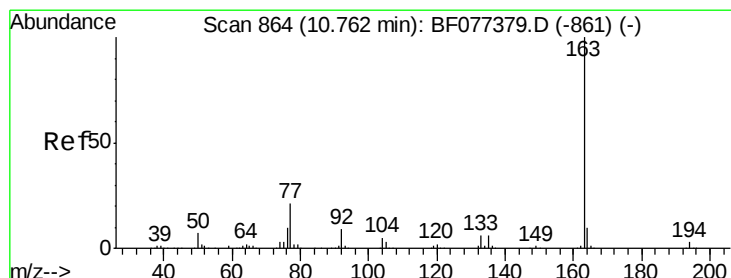
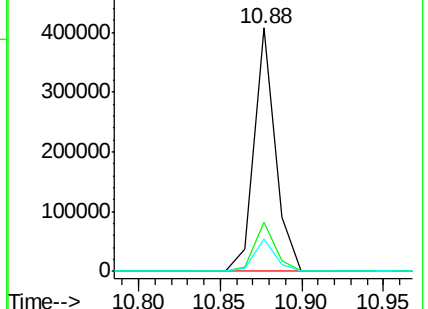
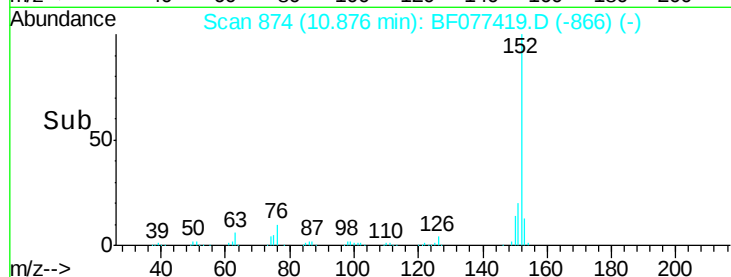
153 13.4 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 36.96 ng

RT: 10.73 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

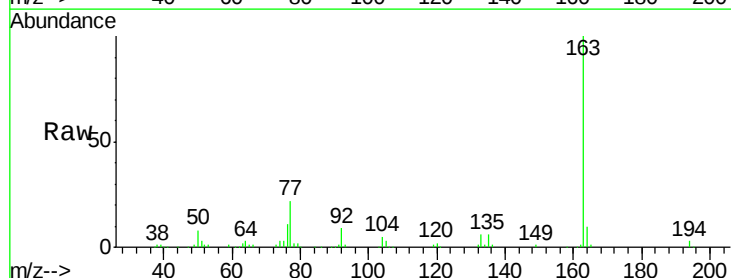
Tgt Ion:163 Resp: 264689

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

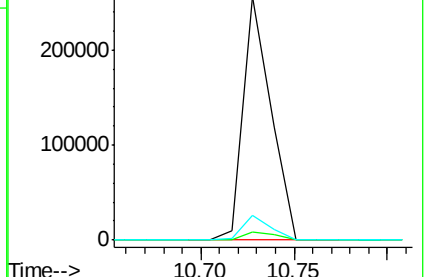
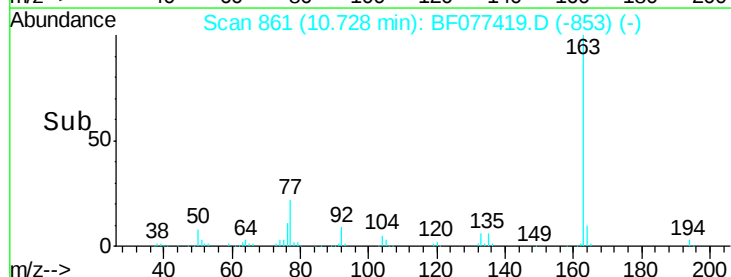
164 10.2 8.6 13.0

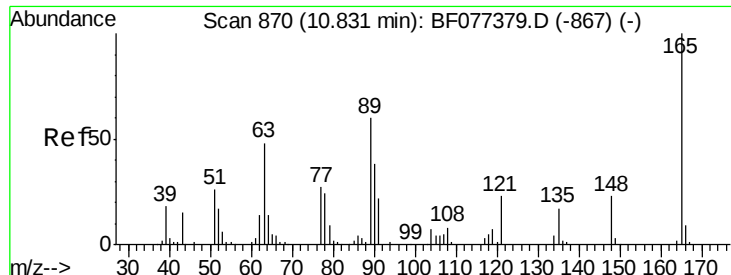


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

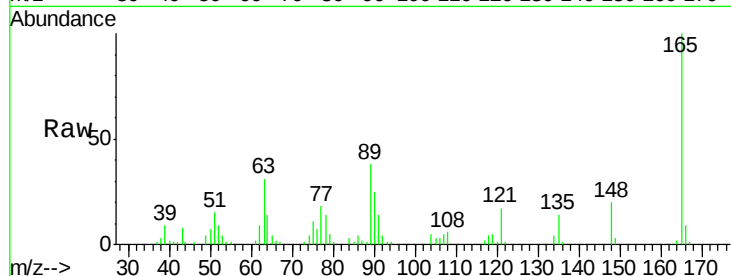




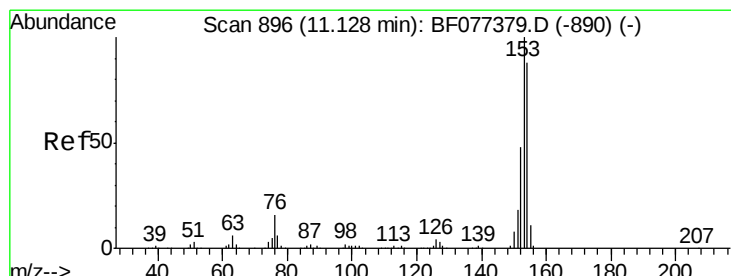
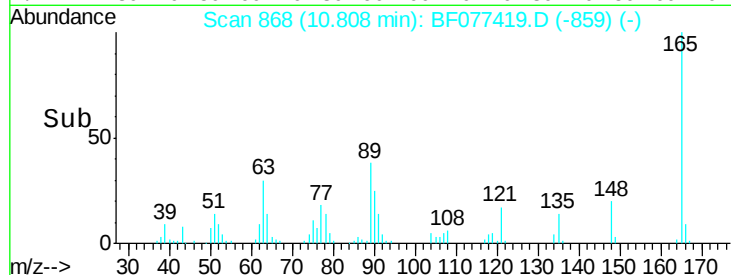
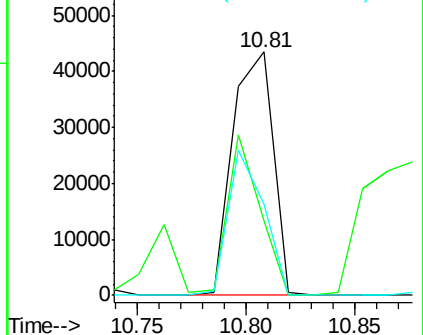
#50
2,6-Dinitrotoluene
Concen: 39.16 ng
RT: 10.81 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB81839BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.9	25.2	37.8
89	37.5	30.5	45.7

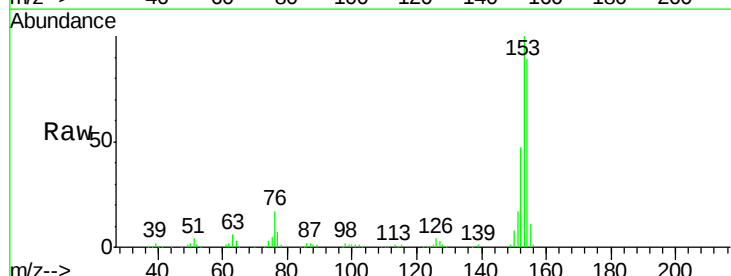


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

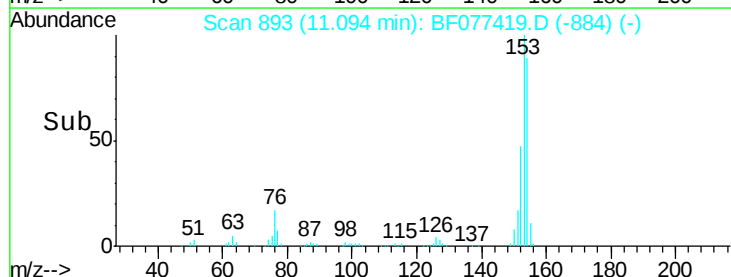
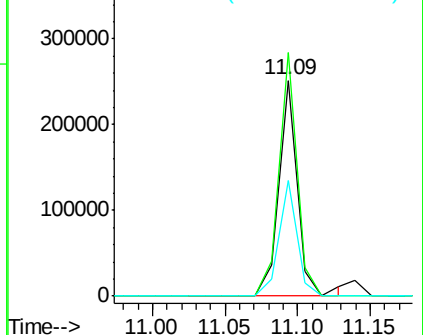


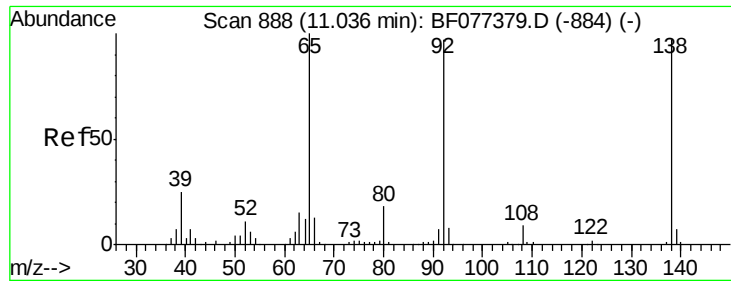
#51
Acenaphthene
Concen: 39.46 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.5	135.7
152	53.3	43.5	65.3



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

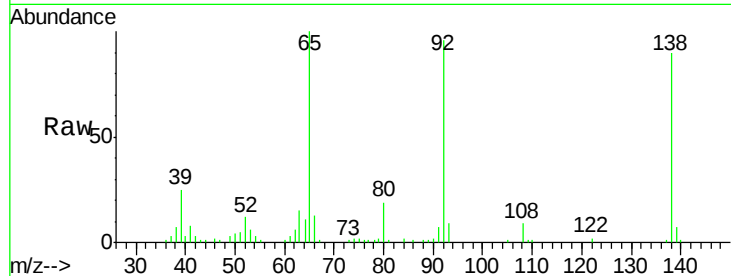




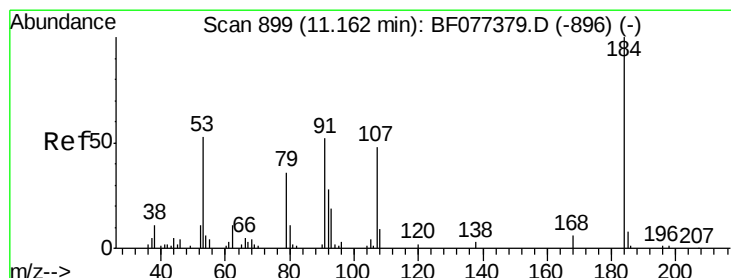
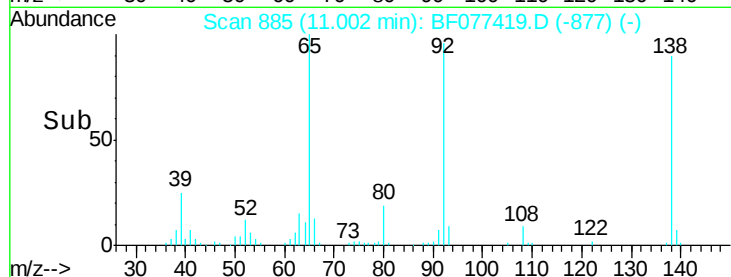
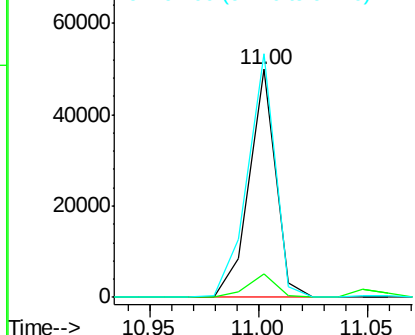
#52
3-Nitroaniline
Concen: 25.59 ng
RT: 11.00 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB81839BS

Tgt Ion:138 Resp: 42365
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.8
92 106.7 90.6 135.8

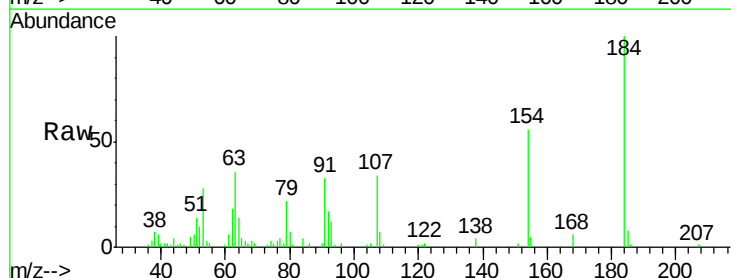


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

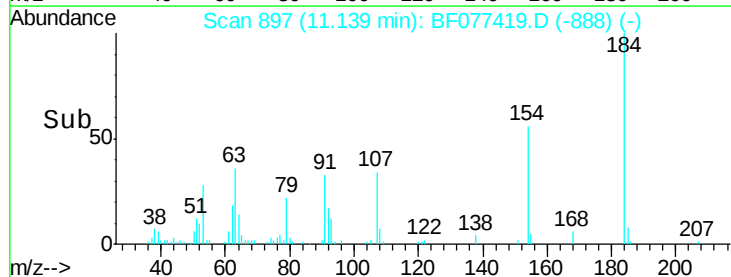
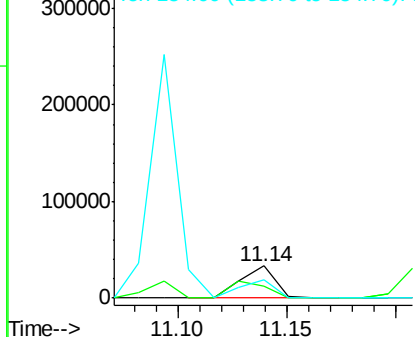


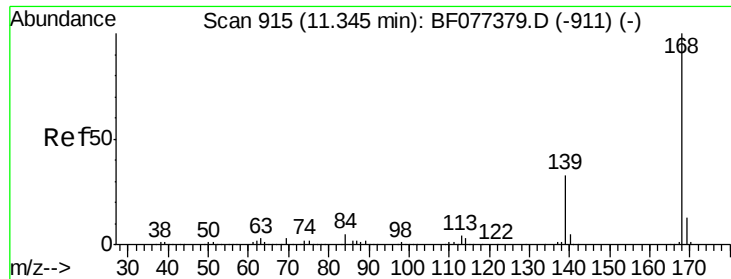
#53
2,4-Dinitrophenol
Concen: 82.09 ng
RT: 11.14 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Tgt Ion:184 Resp: 35873
Ion Ratio Lower Upper
184 100
63 36.1 29.5 44.3
154 56.3 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

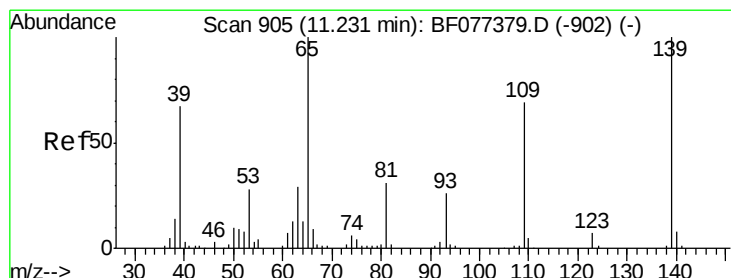
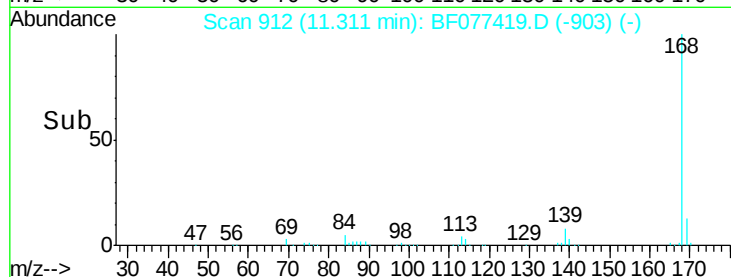
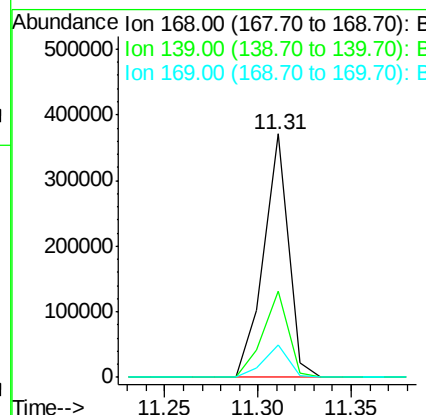
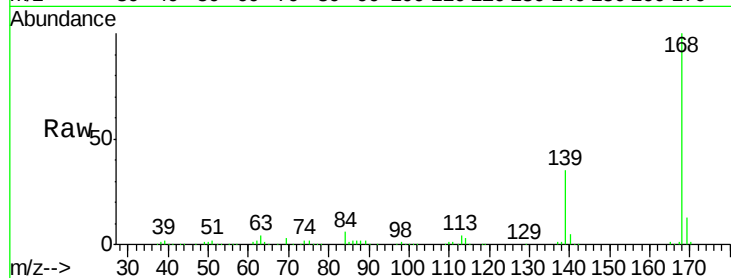




#54
Dibenzenofuran
Concen: 38.41 ng
RT: 11.31 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

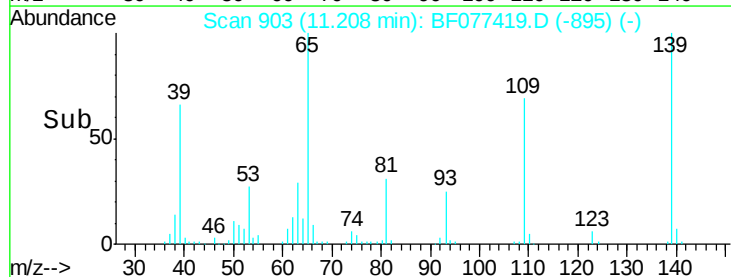
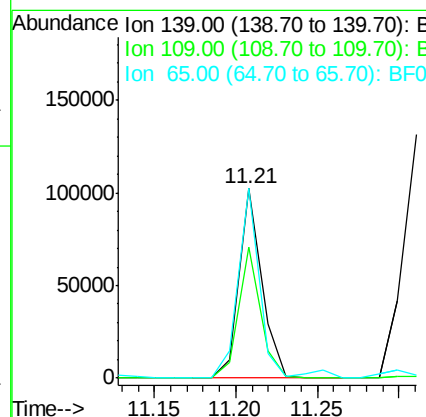
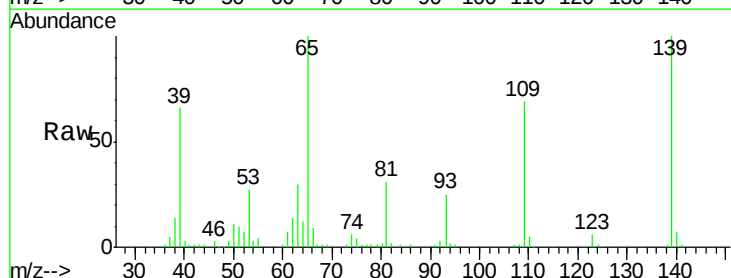
Instrument :
BNA_F
ClientSampleId :
PB81839BS

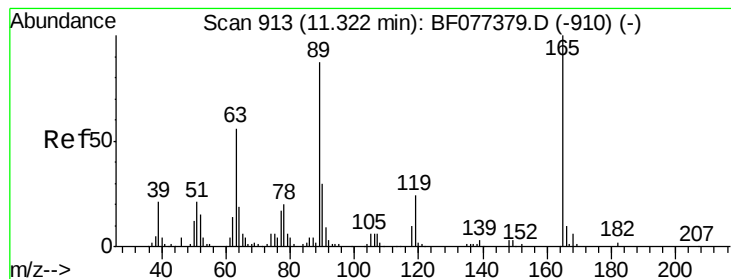
Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.4	29.3	43.9
169	13.4	10.9	16.3



#55
4-Nitrophenol
Concen: 74.34 ng
RT: 11.21 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.1	36.2	76.2
65	100.3	40.3	80.3#





#56

2,4-Dinitrotoluene

Concen: 43.00 ng

RT: 11.30 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB81839BS

Tgt Ion:165 Resp: 83458

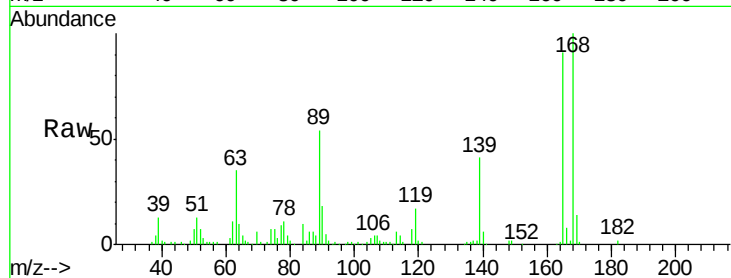
Ion Ratio Lower Upper

165 100

63 38.2 29.8 44.8

89 59.1 48.5 72.7

182 2.3 1.9 2.9

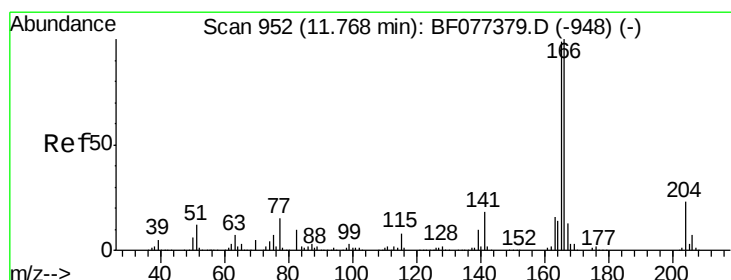
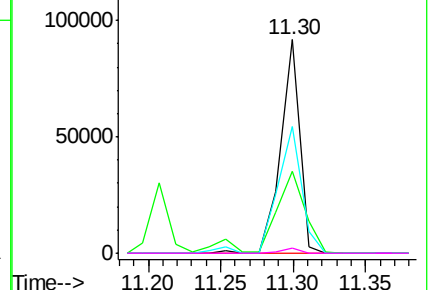
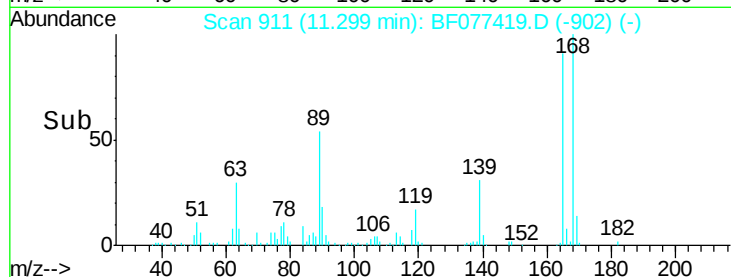


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 39.03 ng

RT: 11.73 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

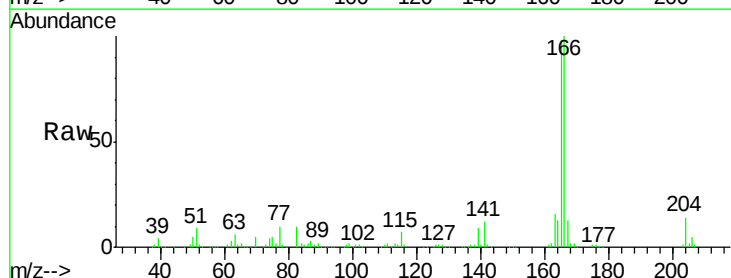
Tgt Ion:166 Resp: 275508

Ion Ratio Lower Upper

166 100

165 97.7 77.6 116.4

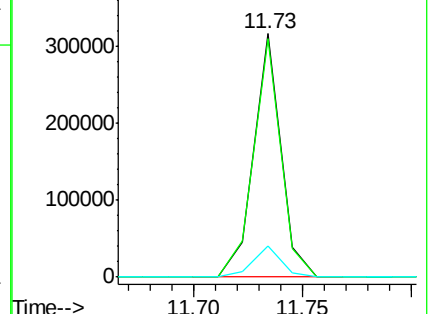
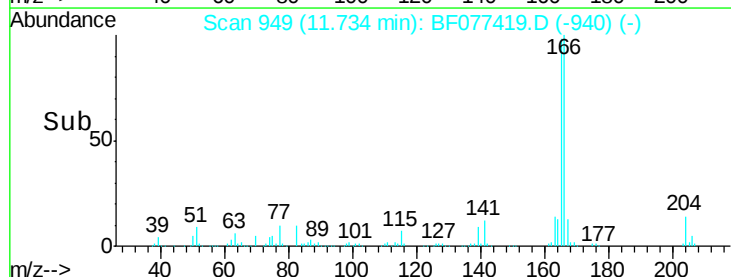
167 13.0 10.6 16.0



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

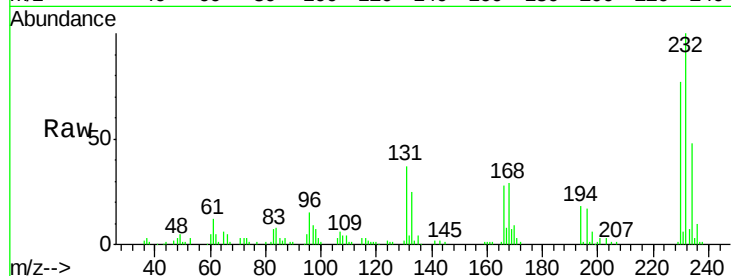




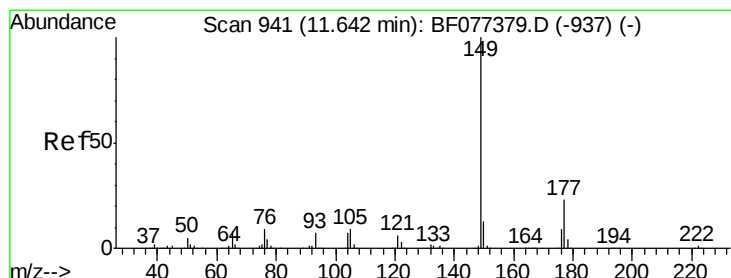
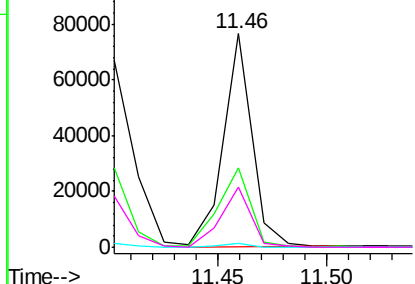
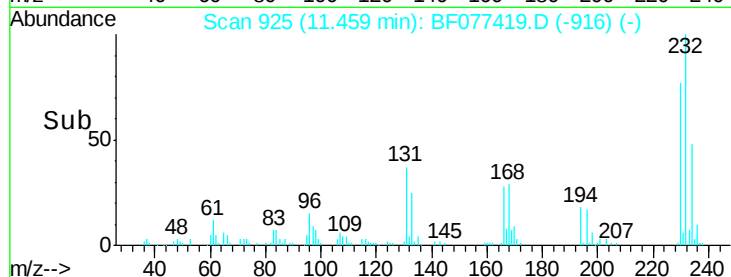
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.68 ng
 RT: 11.46 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Instrument :
 BNA_F
 ClientSampled :
 PB81839BS

Tgt Ion: 232 Resp: 69369
 Ion Ratio Lower Upper
 232 100
 131 42.3 34.2 51.2
 130 2.1 1.8 2.6
 166 30.0 24.3 36.5

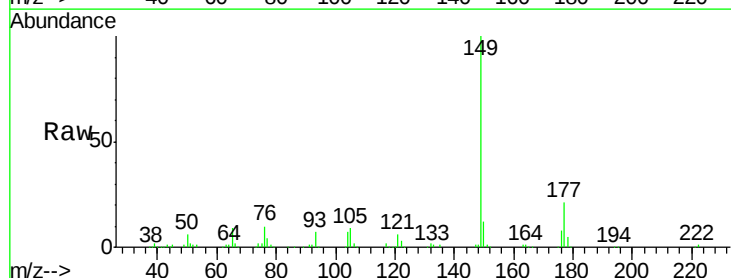


Abundance Ion 232.00 (231.70 to 232.70): E
 120000
 Ion 131.00 (130.70 to 131.70): E
 100000
 Ion 130.00 (129.70 to 130.70): E
 80000
 Ion 166.00 (165.70 to 166.70): E
 60000
 40000
 20000
 0

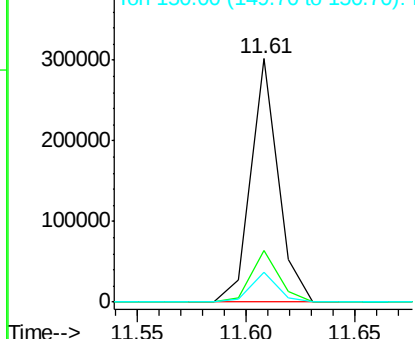
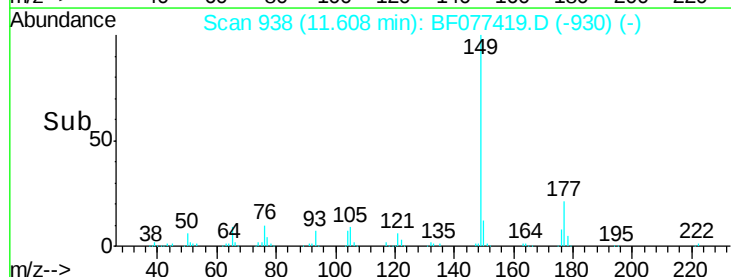


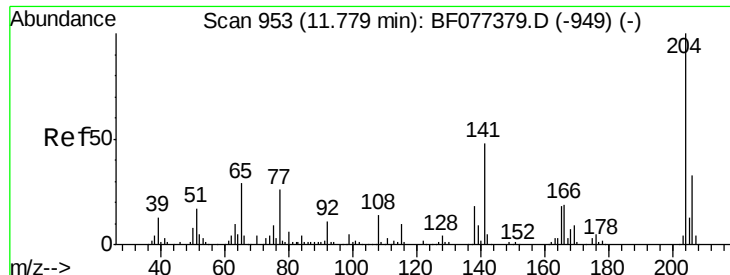
#59
 Diethylphthalate
 Concen: 37.08 ng
 RT: 11.61 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Tgt Ion: 149 Resp: 261782
 Ion Ratio Lower Upper
 149 100
 177 21.2 17.2 25.8
 150 12.3 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E
 400000
 Ion 177.00 (176.70 to 177.70): E
 300000
 Ion 150.00 (149.70 to 150.70): E
 200000
 100000
 0

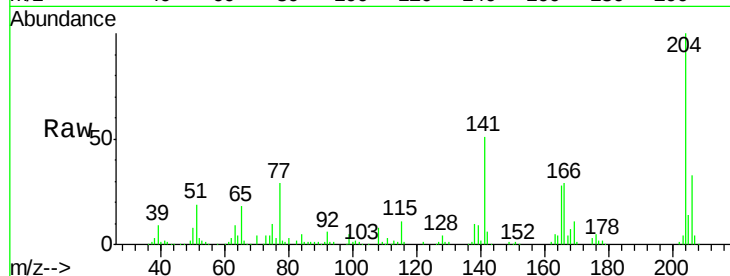




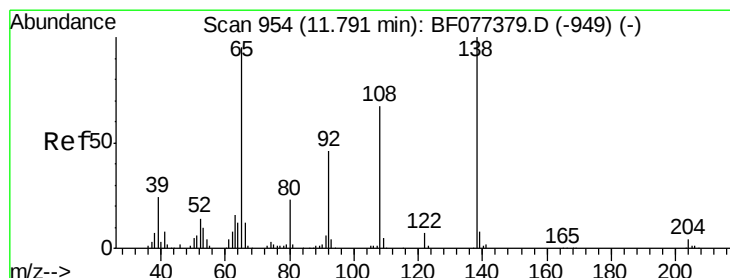
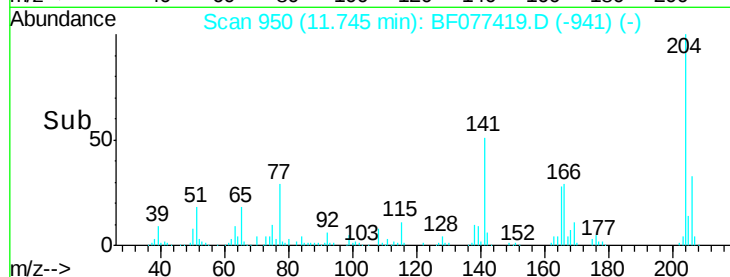
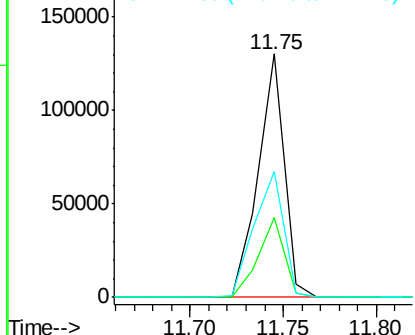
#60
 4-Chlorophenyl-phenylether
 Concen: 36.88 ng
 RT: 11.75 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB81839BS

Tgt Ion: 204 Resp: 125445
 Ion Ratio Lower Upper
 204 100
 206 32.7 25.9 38.9
 141 51.4 43.6 65.4

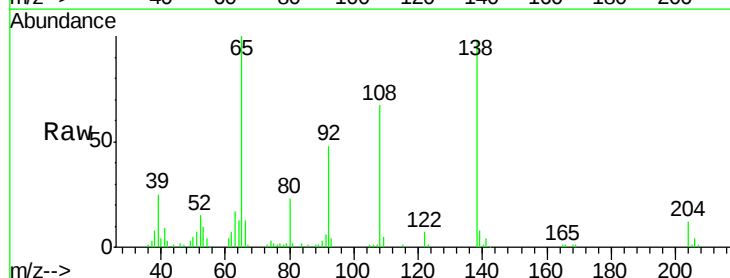


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

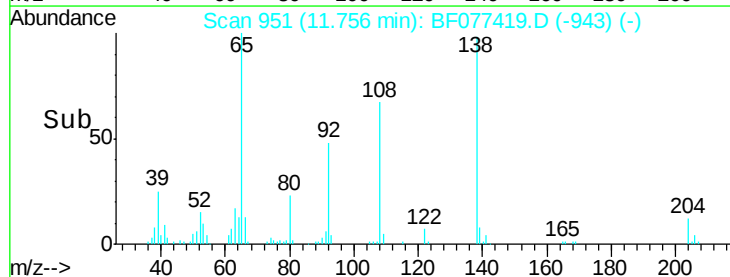
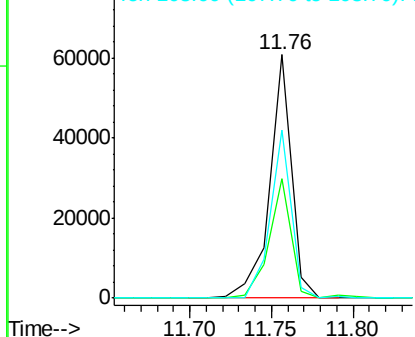


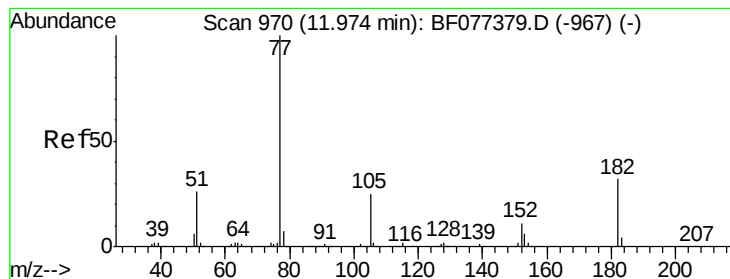
#61
 4-Nitroaniline
 Concen: 35.71 ng
 RT: 11.76 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Tgt Ion: 138 Resp: 56676
 Ion Ratio Lower Upper
 138 100
 92 49.2 32.8 72.8
 108 69.1 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: 37.34 ng

RT: 11.94 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB81839BS

Tgt Ion: 77 Resp: 250141

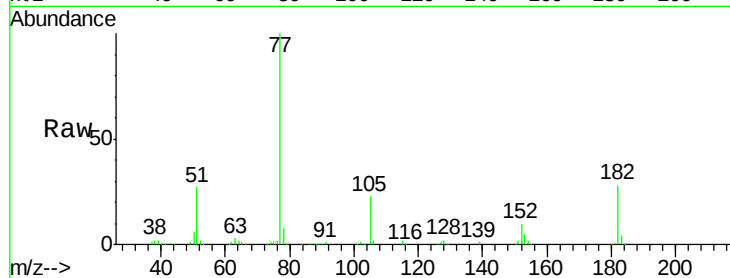
Ion Ratio Lower Upper

77 100

182 28.0 4.9 44.9

105 23.4 3.3 43.3

51 26.6 8.9 48.9

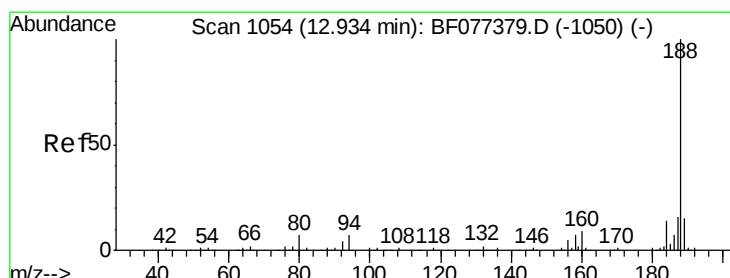
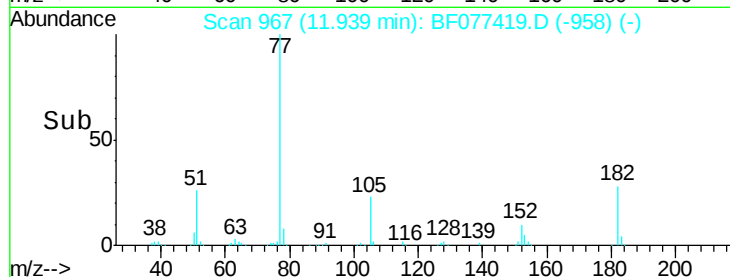
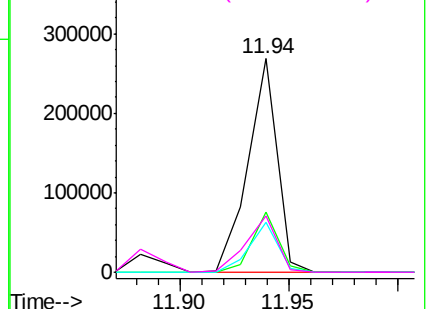


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

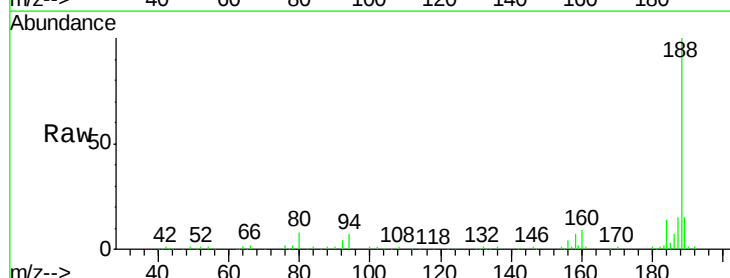
Tgt Ion: 188 Resp: 198114

Ion Ratio Lower Upper

188 100

94 7.2 7.4 11.2#

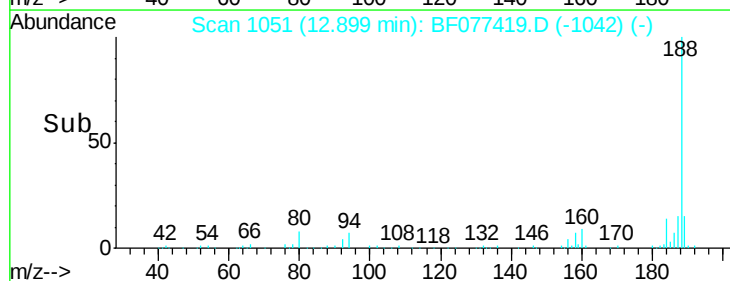
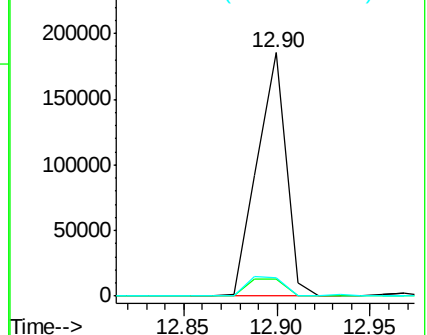
80 7.7 8.0 12.0#

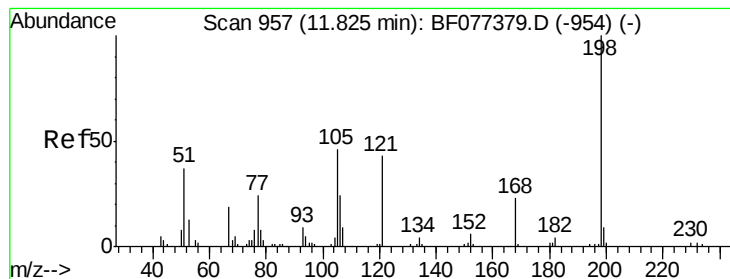


Abundance Ion 188.00 (187.70 to 188.70): E

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: 33.01 ng

RT: 11.80 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB81839BS

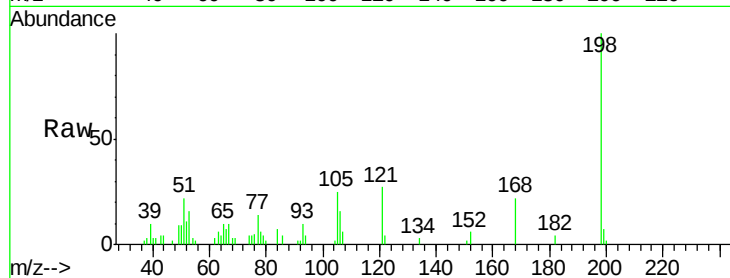
Tgt Ion:198 Resp: 25100

Ion Ratio Lower Upper

198 100

51 22.1 2.7 42.7

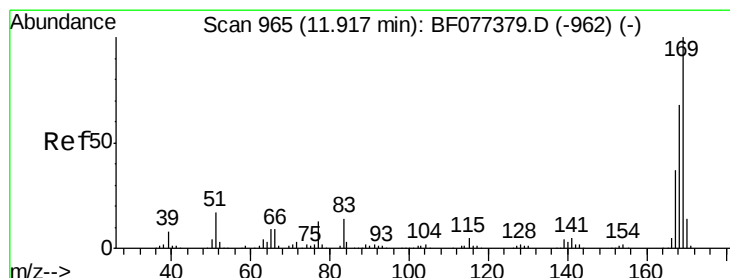
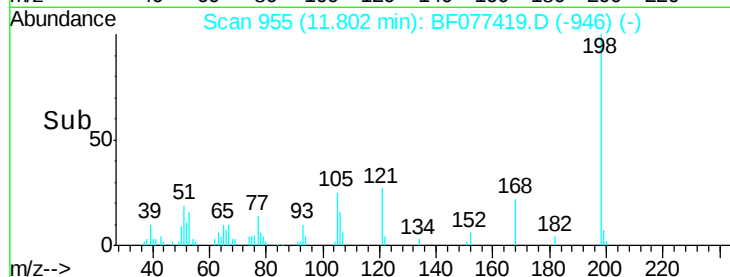
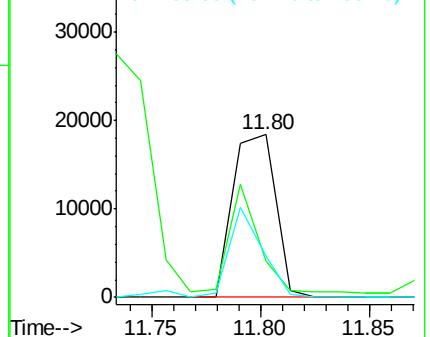
105 25.4 10.0 50.0



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: 35.36 ng

RT: 11.89 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

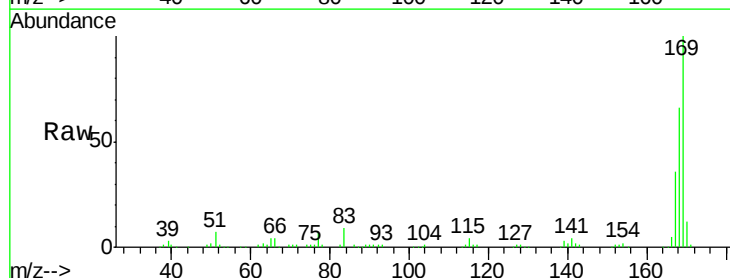
Tgt Ion:169 Resp: 232467

Ion Ratio Lower Upper

169 100

168 66.2 53.0 79.6

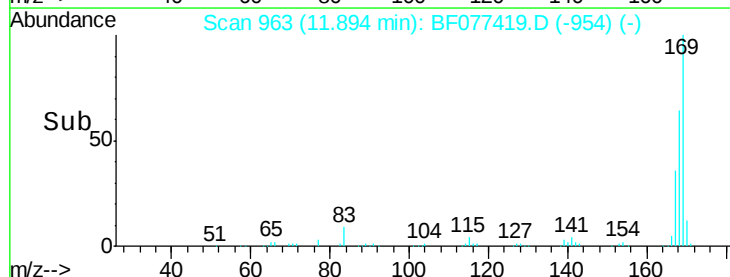
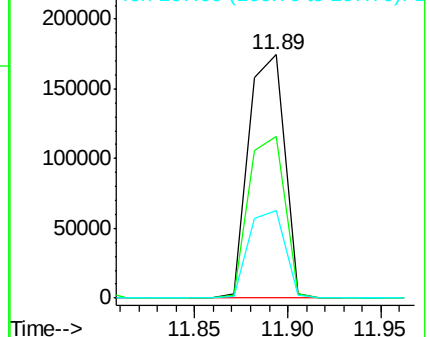
167 35.7 29.5 44.3

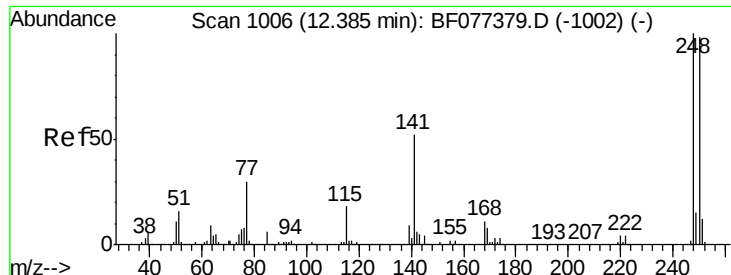


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

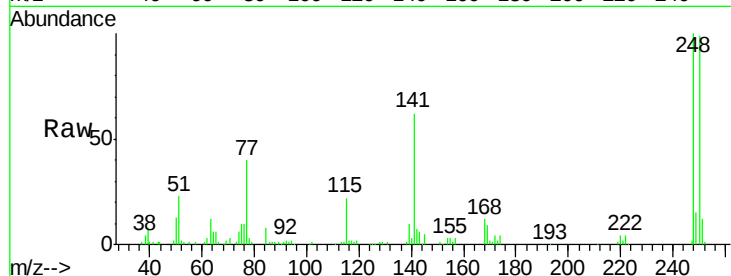




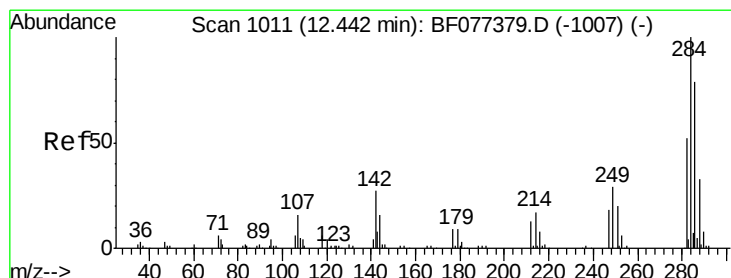
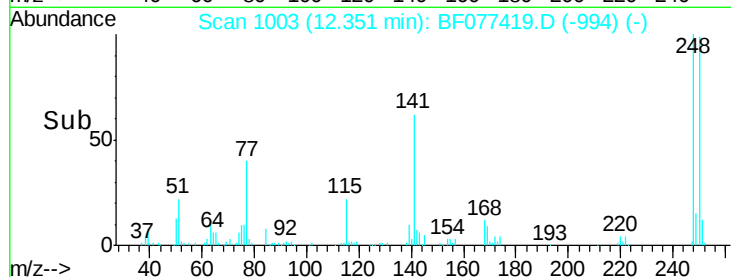
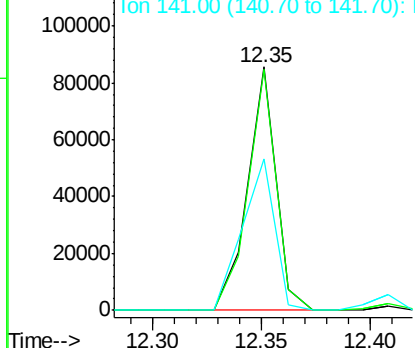
#66
 4-Bromophenyl-phenylether
 Concen: 33.52 ng
 RT: 12.35 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Instrument :
 BNA_F
 ClientSampled :
 PB81839BS

Tgt Ion: 248 Resp: 77763
 Ion Ratio Lower Upper
 248 100
 250 98.9 78.0 117.0
 141 62.0 54.1 81.1

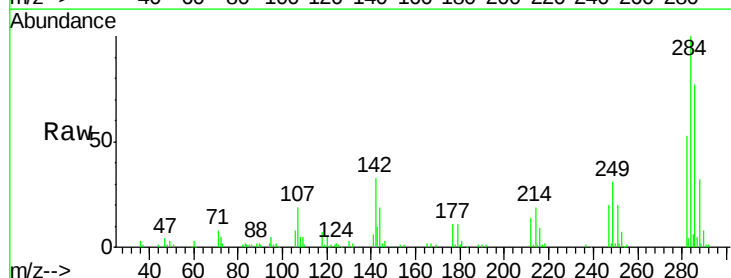


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

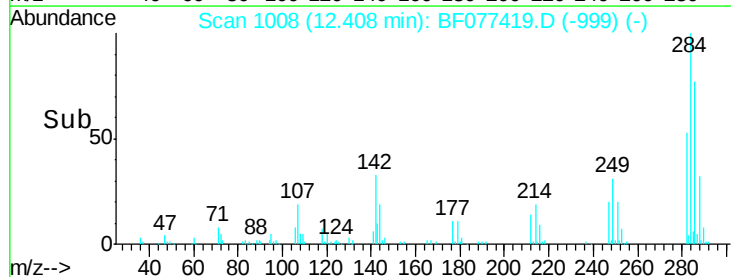
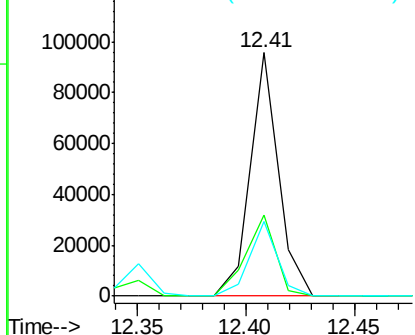


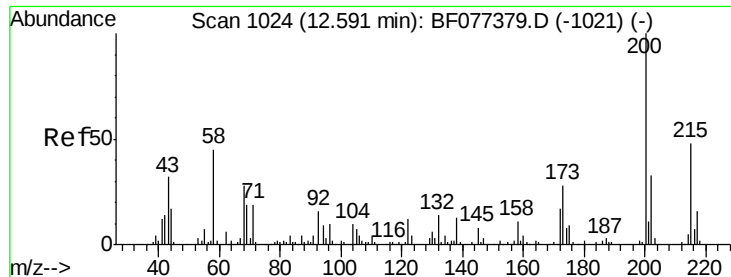
#67
 Hexachlorobenzene
 Concen: 34.62 ng
 RT: 12.41 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Tgt Ion: 284 Resp: 86217
 Ion Ratio Lower Upper
 284 100
 142 33.1 31.6 47.4
 249 30.7 27.0 40.4



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

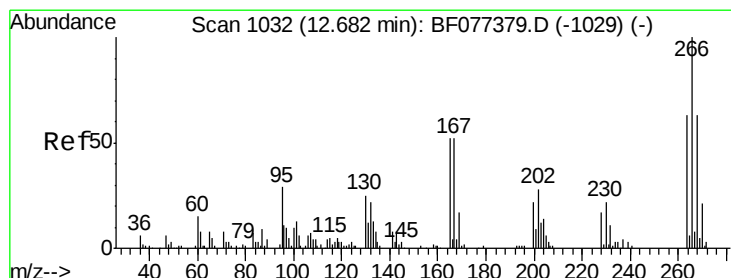
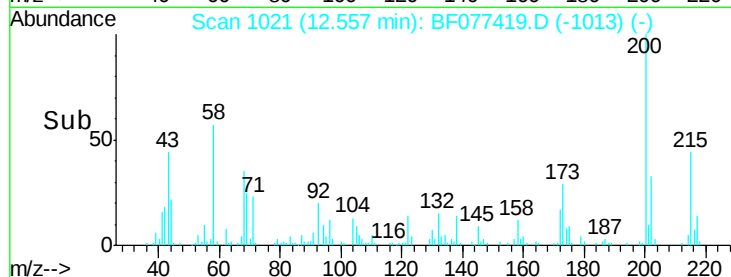
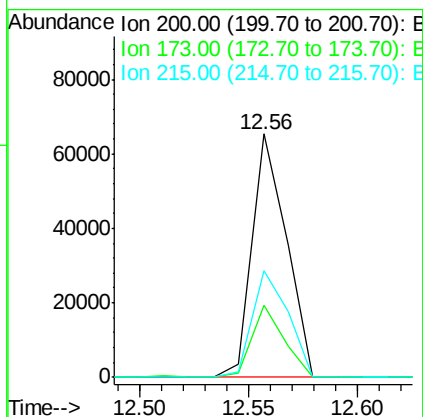
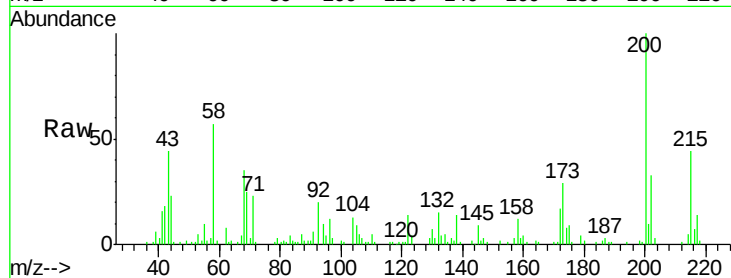




#68
 Atrazine
 Concen: 33.45 ng
 RT: 12.56 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

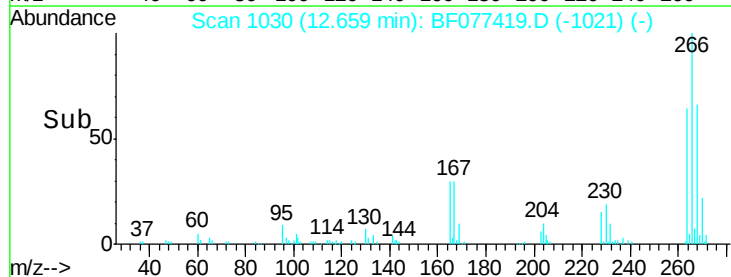
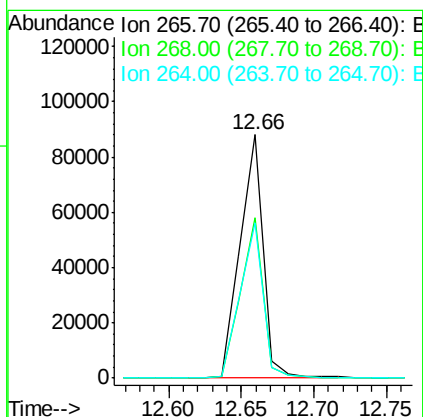
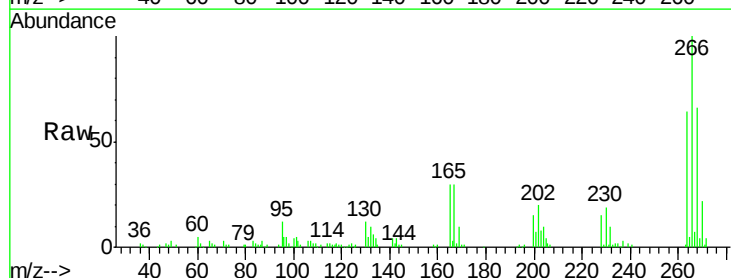
Instrument :
 BNA_F
 ClientSampleId :
 PB81839BS

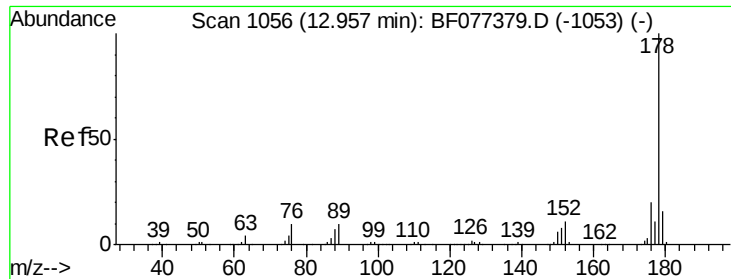
Tgt Ion:200 Resp: 71491
 Ion Ratio Lower Upper
 200 100
 173 29.4 9.6 49.6
 215 44.0 24.4 64.4



#69
 Pentachlorophenol
 Concen: 74.70 ng
 RT: 12.66 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Tgt Ion:266 Resp: 97761
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.2 76.8
 264 63.5 50.7 76.1

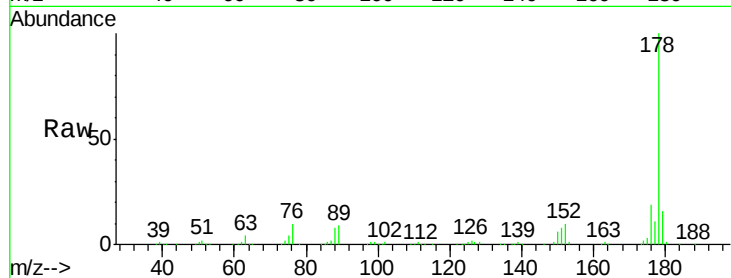




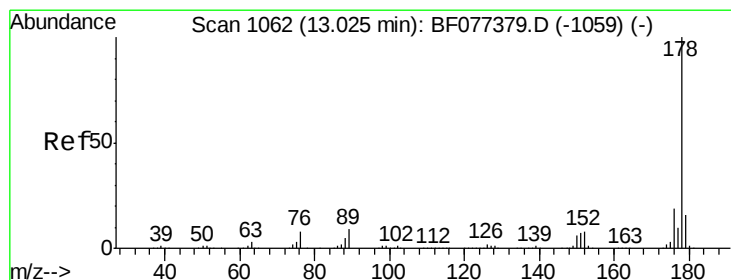
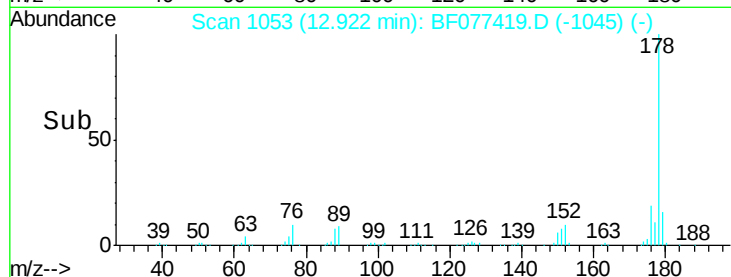
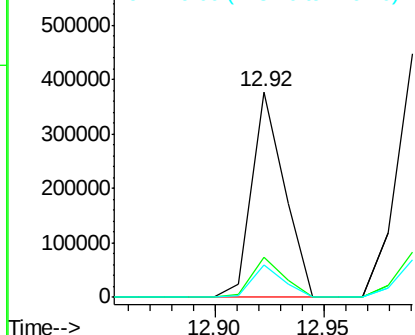
#70
Phenanthrene
Concen: 34.47 ng
RT: 12.92 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB81839BS

Tgt Ion:178 Resp: 395764
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.1 12.2 18.2

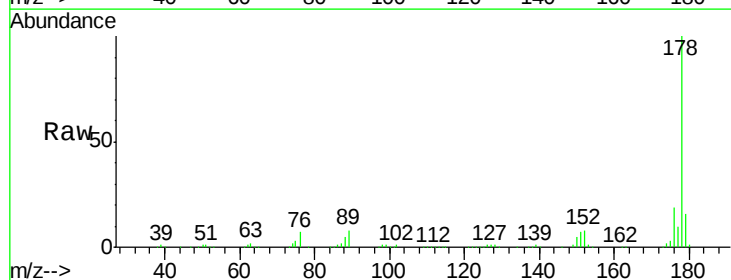


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

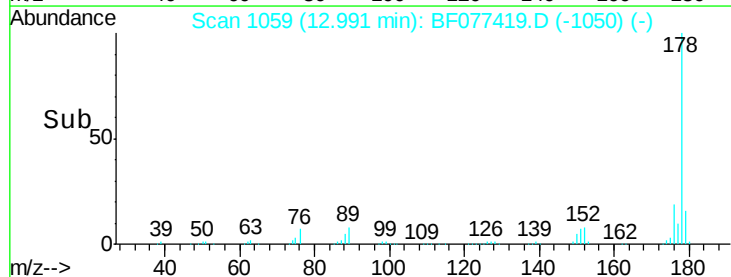
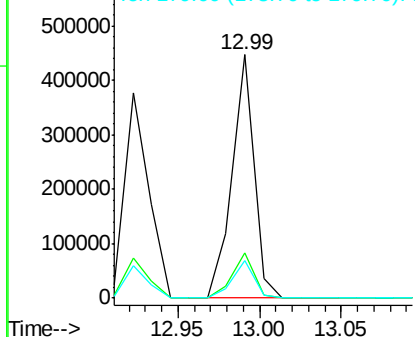


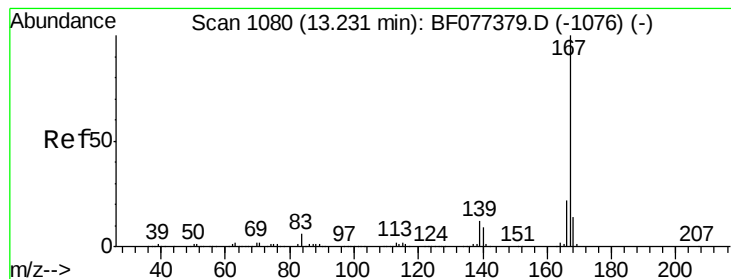
#71
Anthracene
Concen: 36.46 ng
RT: 12.99 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Tgt Ion:178 Resp: 415431
Ion Ratio Lower Upper
178 100
176 18.7 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: 36.52 ng

RT: 13.20 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB81839BS

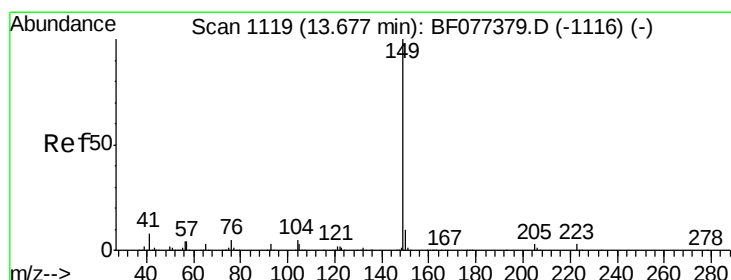
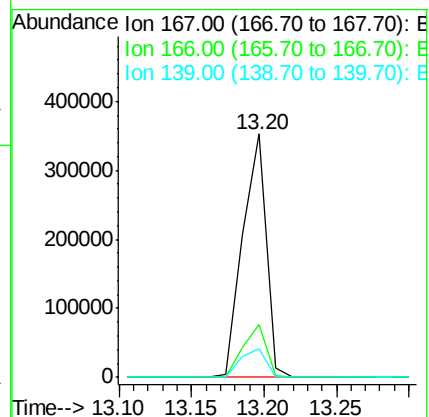
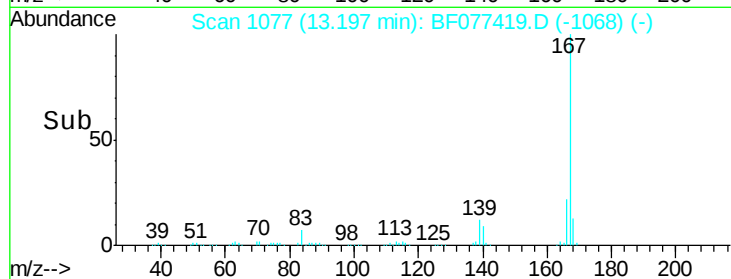
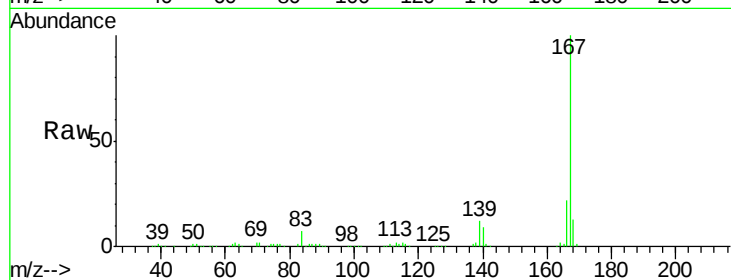
Tgt Ion:167 Resp: 395702

Ion Ratio Lower Upper

167 100

166 21.5 17.6 26.4

139 11.7 9.9 14.9



#73

Di-n-butylphthalate

Concen: 32.29 ng

RT: 13.64 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

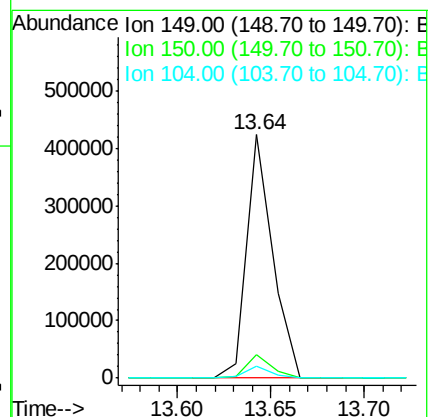
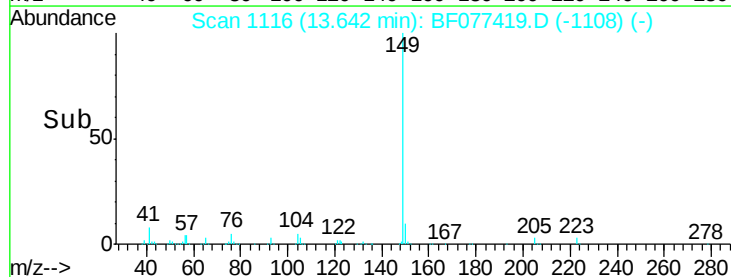
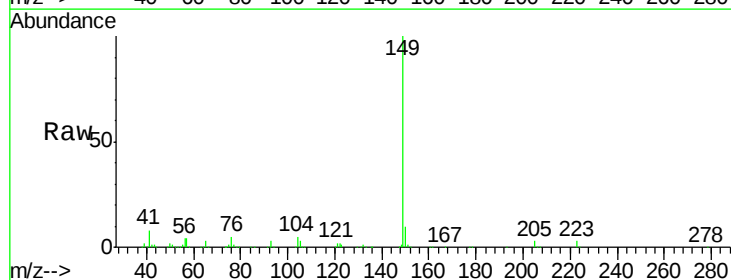
Tgt Ion:149 Resp: 410870

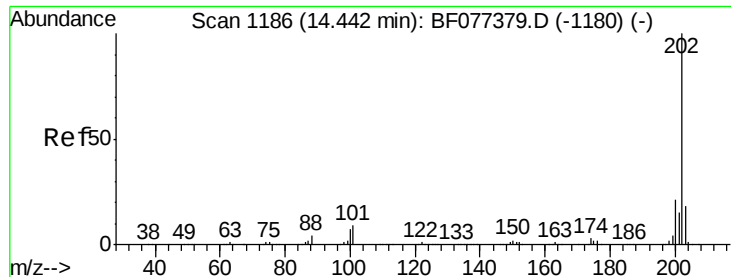
Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

104 4.7 4.1 6.1

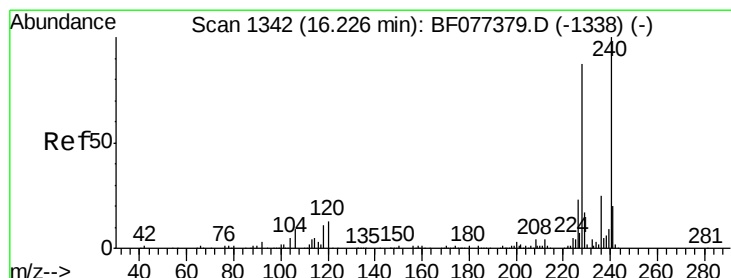
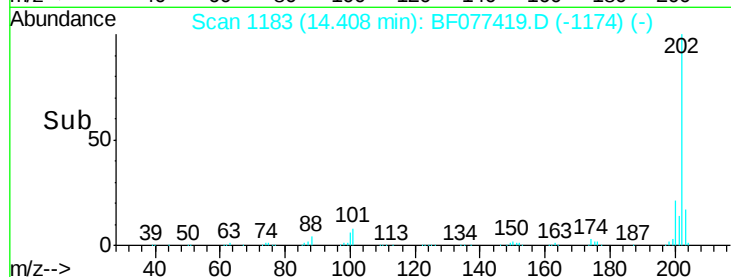
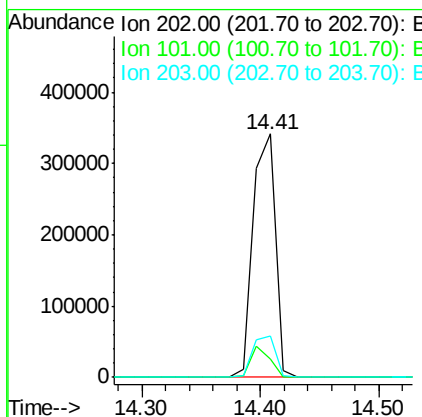
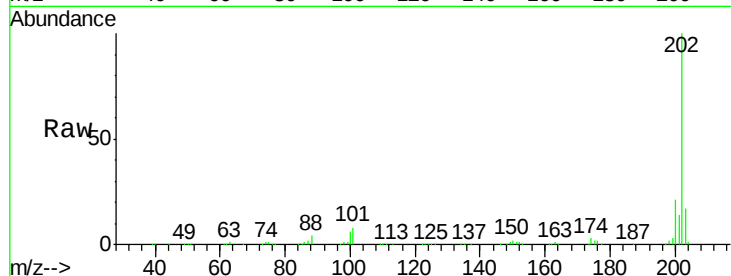




#74
 Fluoranthene
 Concen: 36.06 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

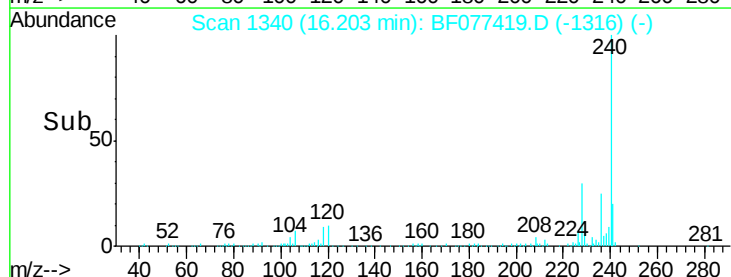
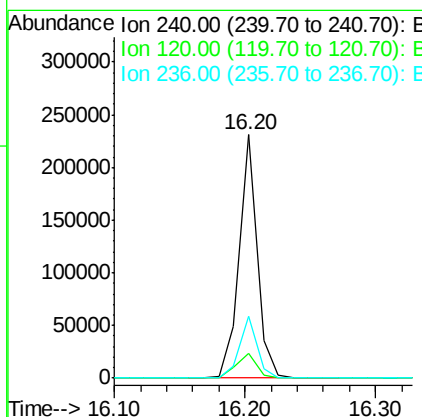
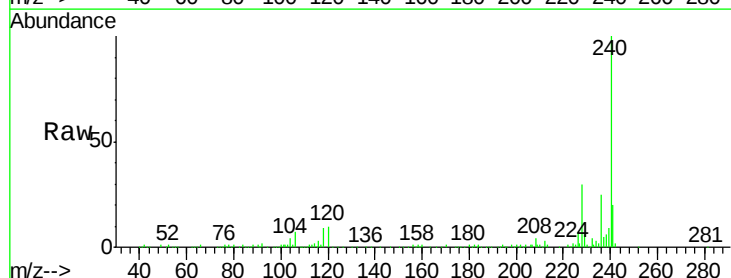
Instrument :
 BNA_F
 ClientSampleId :
 PB81839BS

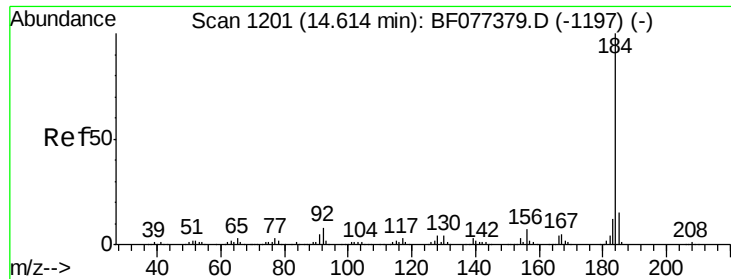
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	452326		
101	7.6	0.0	30.8	
203	17.1	0.0	37.7	



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF077419.D
 Acq: 24 Feb 2015 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	220505		
120	10.3	8.8	13.2	
236	25.4	20.7	31.1	

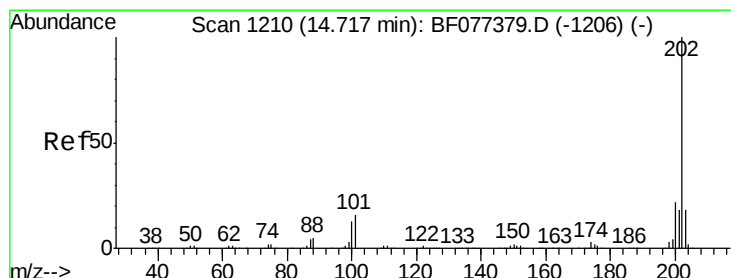
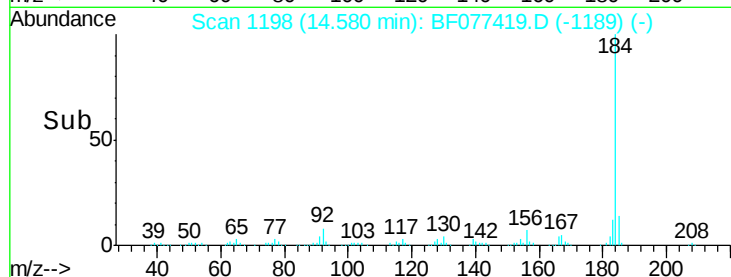
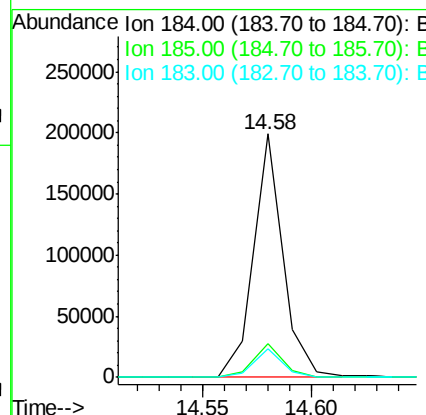
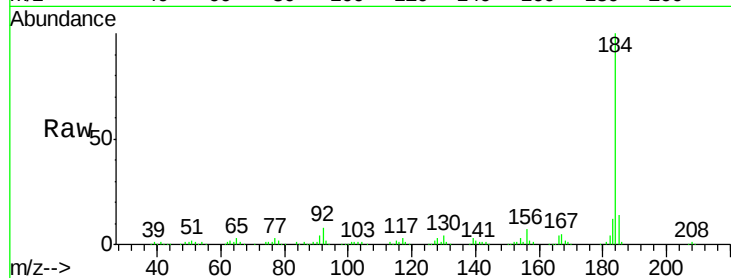




#76
Benzidine
Concen: 25.28 ng
RT: 14.58 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

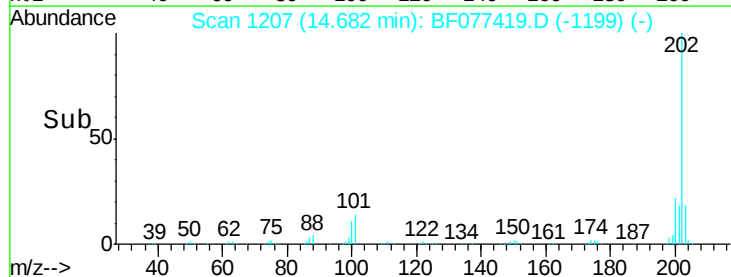
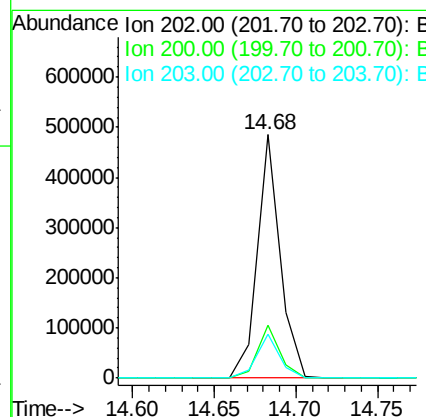
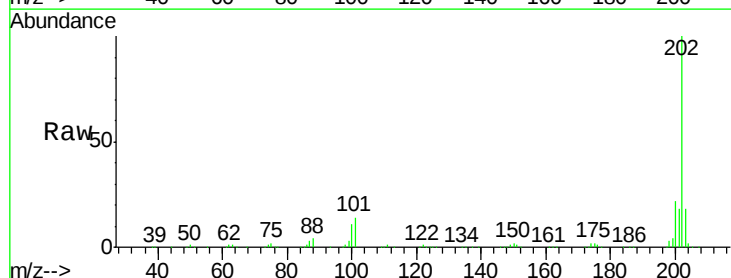
Instrument :
BNA_F
ClientSampleId :
PB81839BS

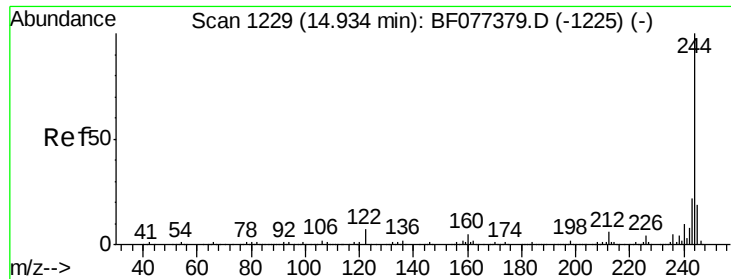
Tgt Ion:184 Resp: 188303
Ion Ratio Lower Upper
184 100
185 13.8 12.6 18.8
183 11.5 9.3 13.9



#77
Pyrene
Concen: 34.97 ng
RT: 14.68 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Tgt Ion:202 Resp: 471695
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.9 14.2 21.2





#78

Terphenyl-d14

Concen: 68.42 ng

RT: 14.89 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB81839BS

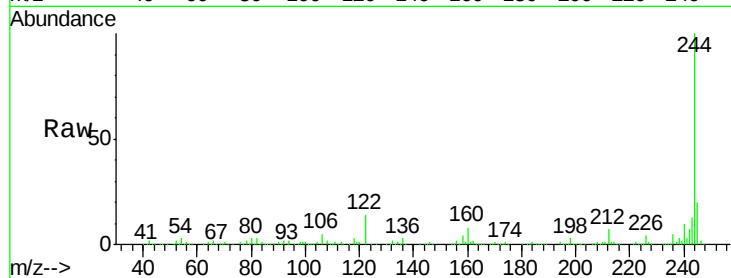
Tgt Ion:244 Resp: 645367

Ion Ratio Lower Upper

244 100

212 6.8 5.2 7.8

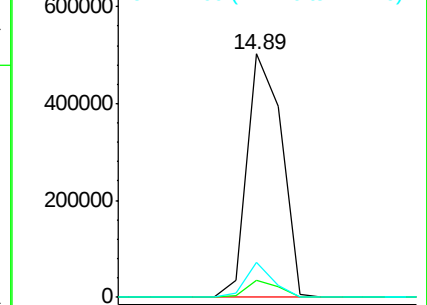
122 14.3 7.8 11.8#



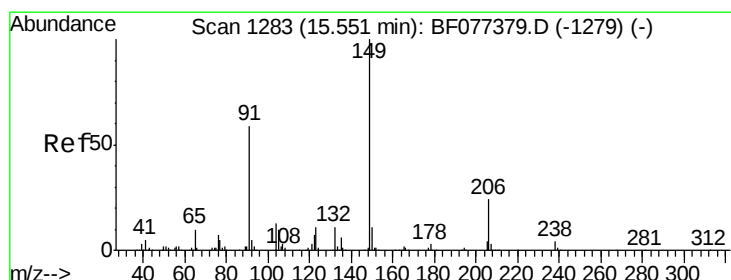
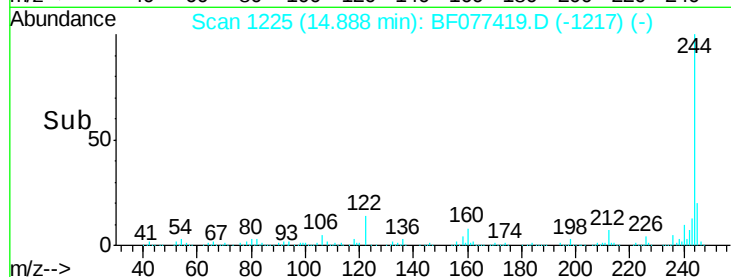
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#79

Butylbenzylphthalate

Concen: 33.68 ng

RT: 15.52 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

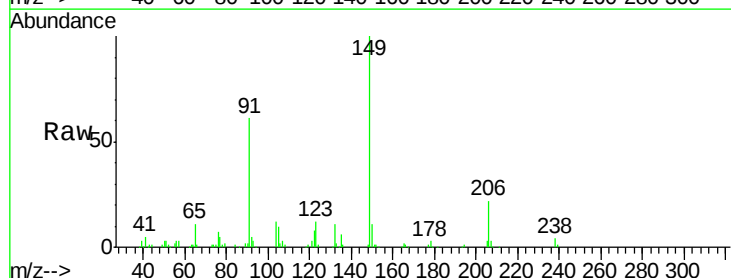
Tgt Ion:149 Resp: 186880

Ion Ratio Lower Upper

149 100

91 60.8 51.2 76.8

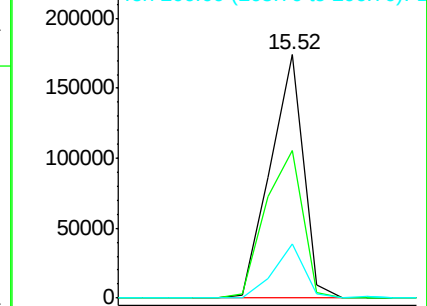
206 22.1 17.8 26.8



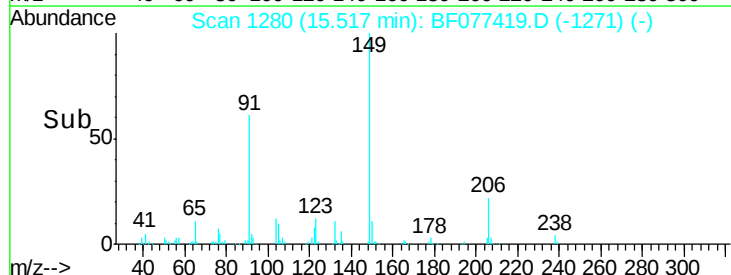
Abundance Ion 149.00 (148.70 to 149.70): E

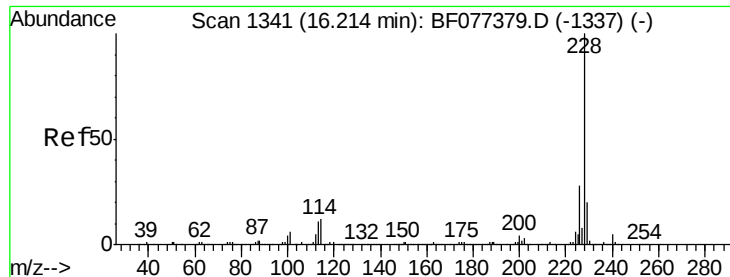
Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



Time-->





#80

Benzo(a)anthracene

Concen: 34.80 ng

RT: 16.19 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

BNA_F

ClientSampled :

PB81839BS

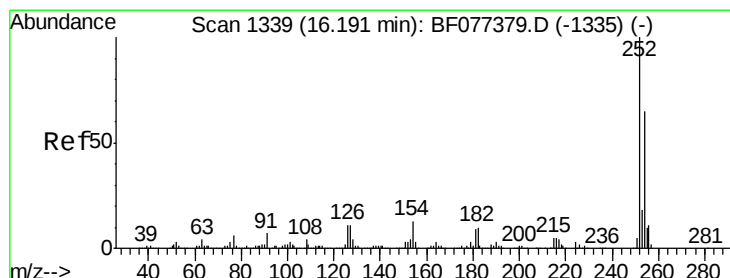
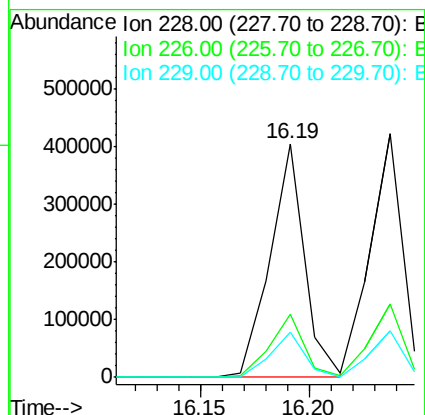
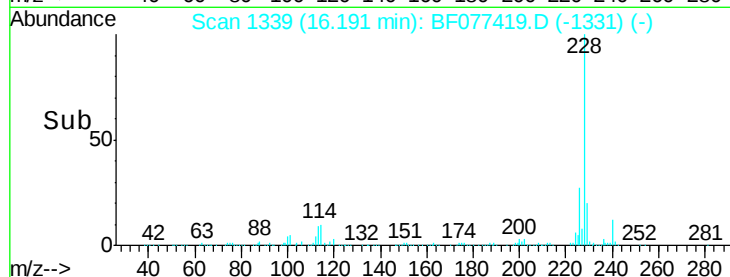
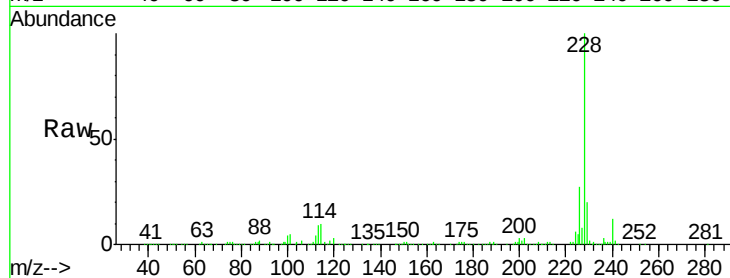
Tgt Ion:228 Resp: 449765

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

229 19.6 15.8 23.8



#81

3,3'-Dichlorobenzidine

Concen: 20.73 ng

RT: 16.17 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

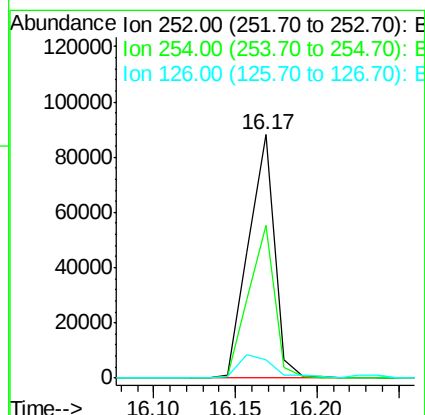
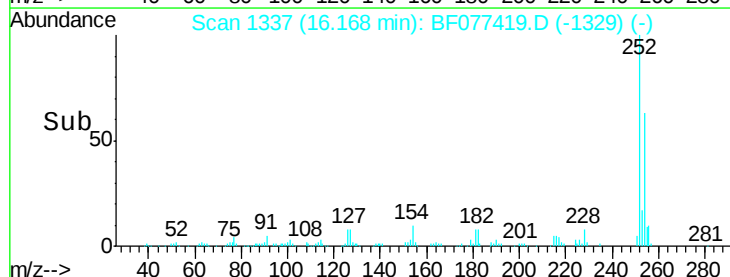
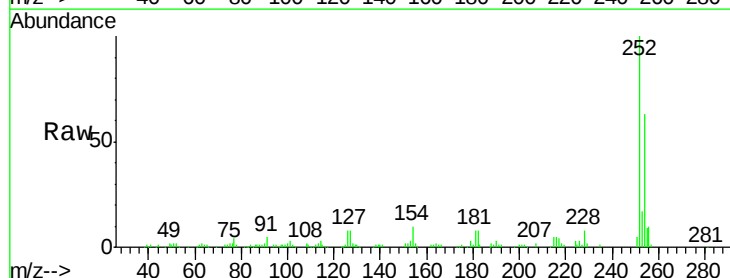
Tgt Ion:252 Resp: 98162

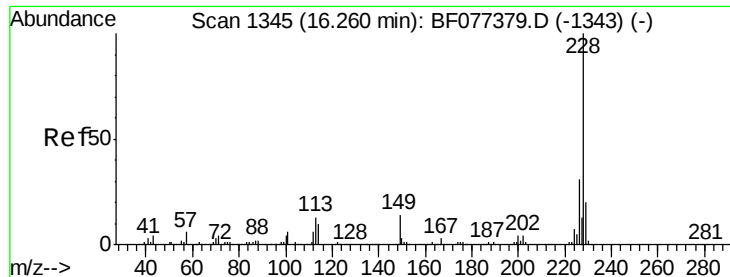
Ion Ratio Lower Upper

252 100

254 62.6 52.9 79.3

126 7.6 7.3 10.9





#82

Chrysene

Concen: 35.98 ng

RT: 16.24 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB81839BS

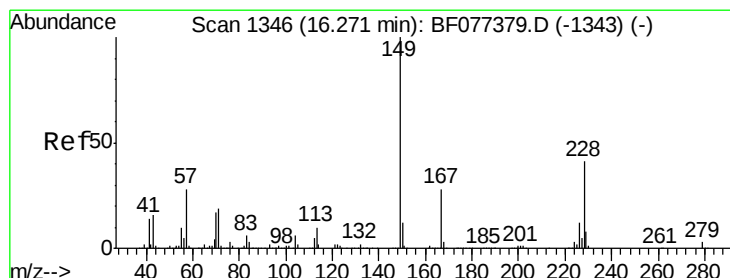
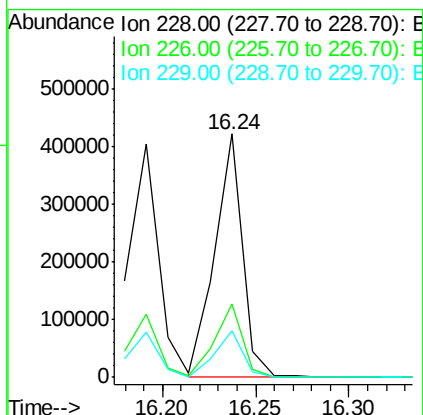
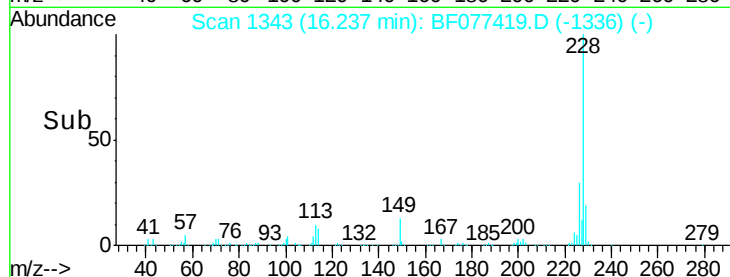
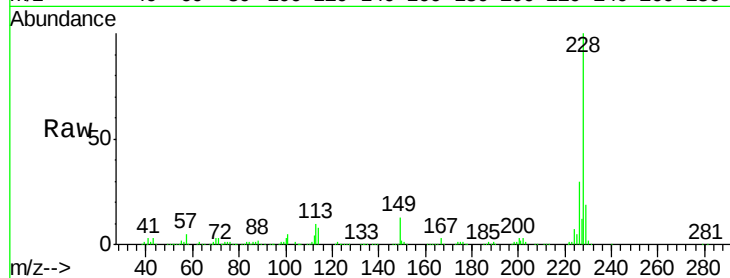
Tgt Ion:228 Resp: 436668

Ion Ratio Lower Upper

228 100

226 29.9 24.9 37.3

229 19.4 16.4 24.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 29.38 ng

RT: 16.25 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

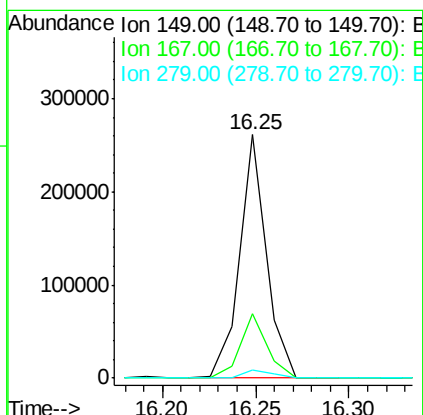
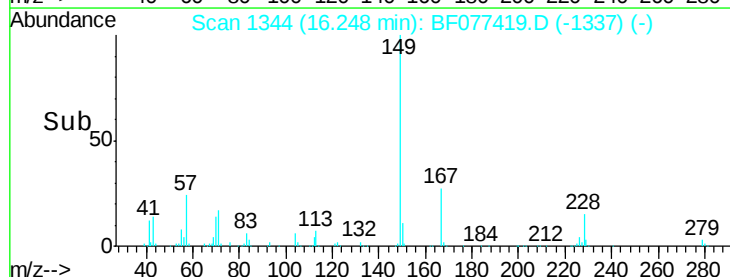
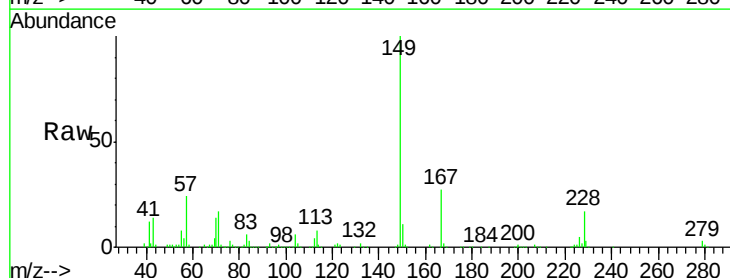
Tgt Ion:149 Resp: 261455

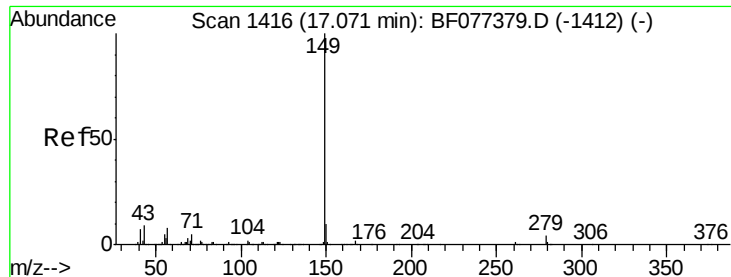
Ion Ratio Lower Upper

149 100

167 26.6 22.8 34.2

279 3.2 3.8 5.6#





#84

Di-n-octyl phthalate

Concen: 30.52 ng

RT: 17.07 min Scan# 1416

Delta R.T. -0.03 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB81839BS

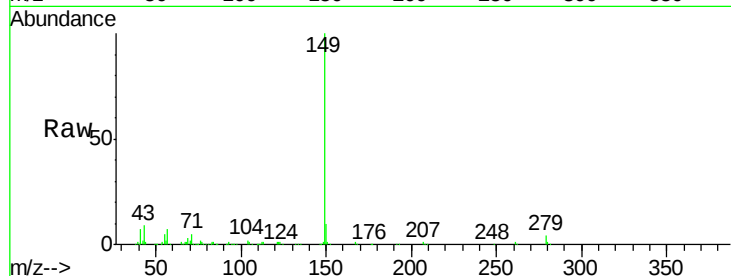
Tgt Ion:149 Resp: 453477

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

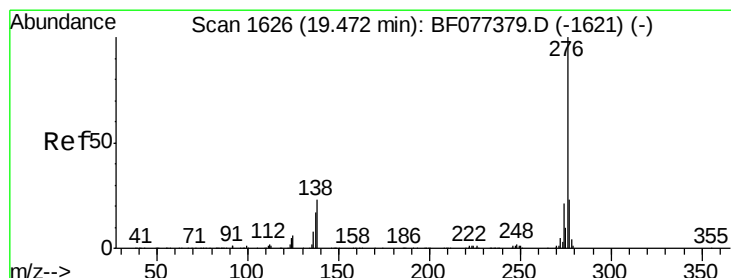
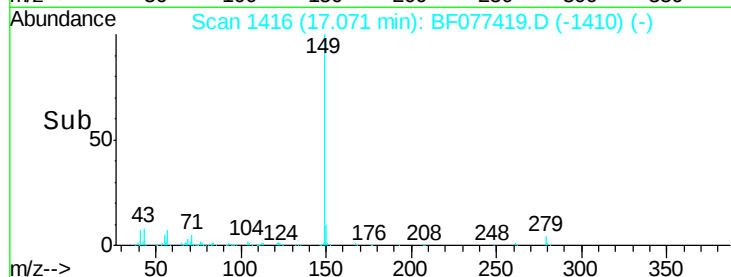
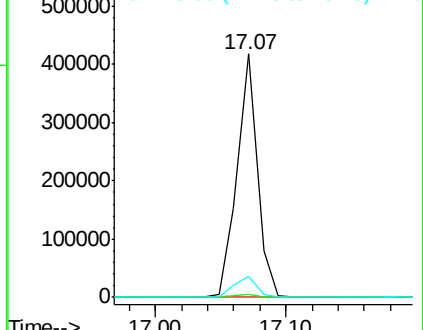
43 9.4 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 35.59 ng

RT: 19.48 min Scan# 1627

Delta R.T. -0.07 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

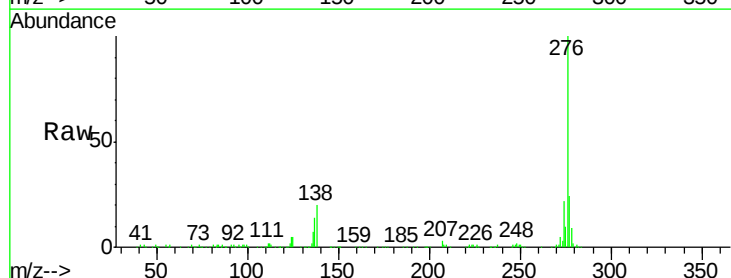
Tgt Ion:276 Resp: 492432

Ion Ratio Lower Upper

276 100

138 26.9 21.2 31.8

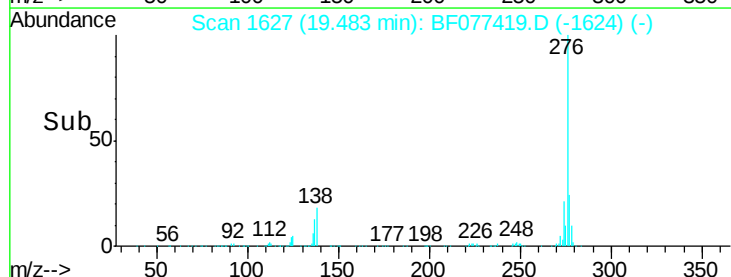
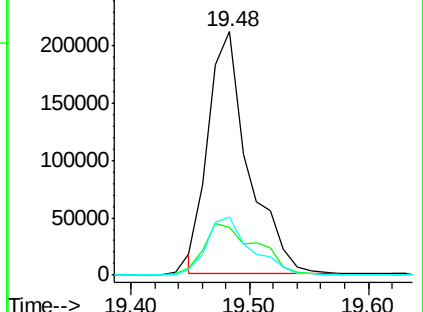
277 25.0 20.0 30.0

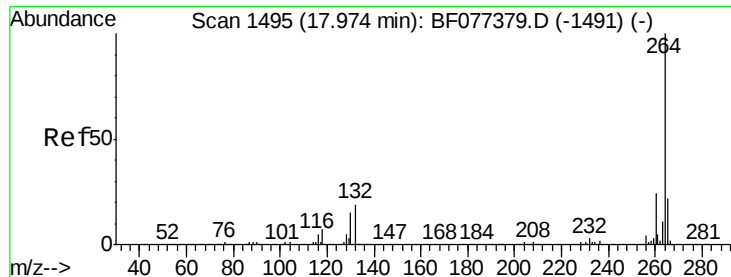


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



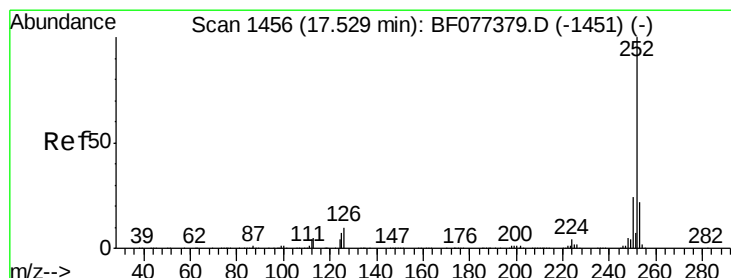
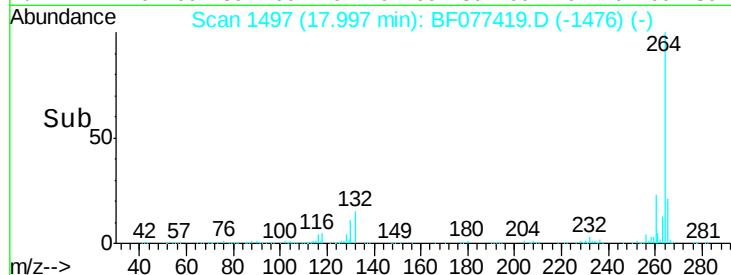
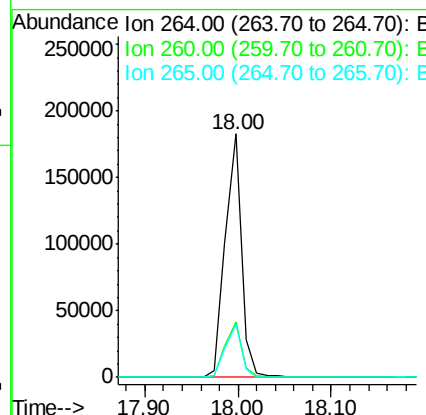
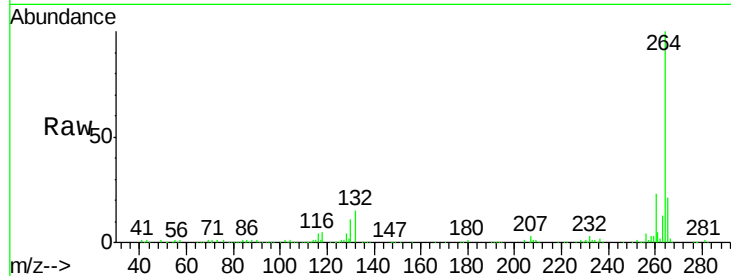


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.00 min Scan# 1497
Delta R.T. -0.06 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB81839BS

Tgt Ion: 264 Resp: 222479

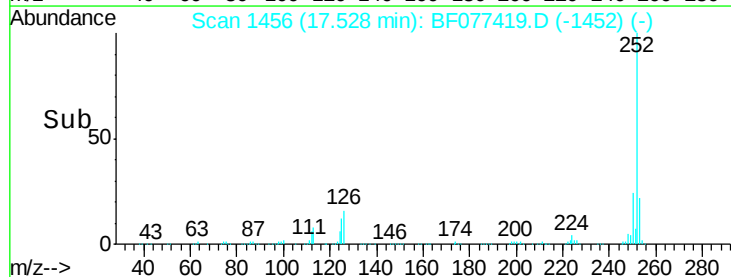
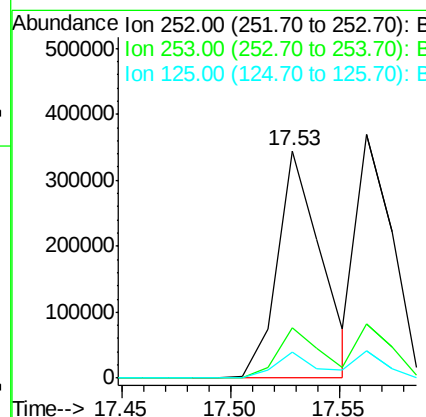
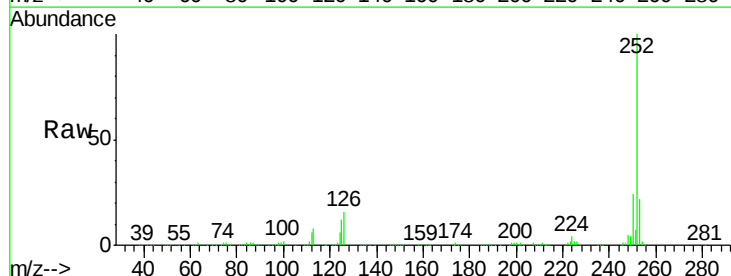
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	21.5	16.8	25.2

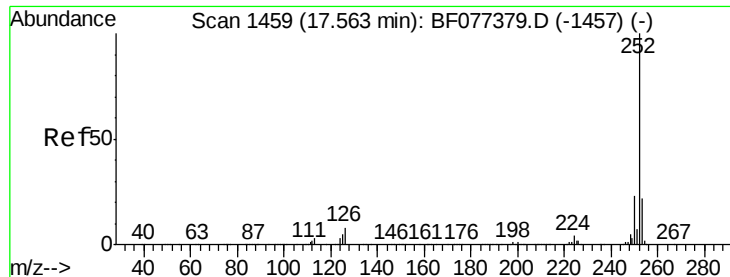


#87
Benzo(b)fluoranthene
Concen: 37.42 ng
RT: 17.53 min Scan# 1456
Delta R.T. -0.06 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Tgt Ion: 252 Resp: 484084

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	11.7	5.4	8.2





#88

Benzo(k)fluoranthene

Concen: 32.87 ng

RT: 17.56 min Scan# 1459

Delta R.T. -0.06 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB81839BS

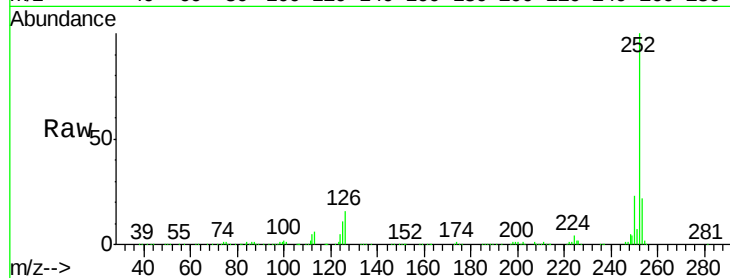
Tgt Ion:252 Resp: 416809

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

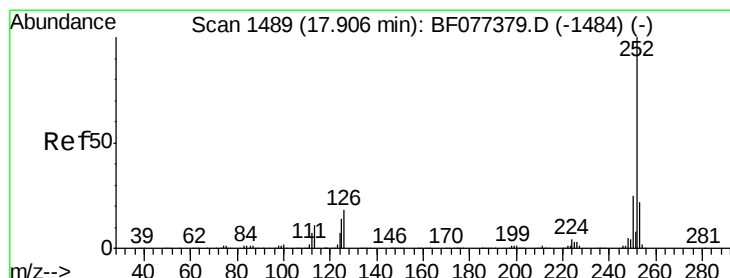
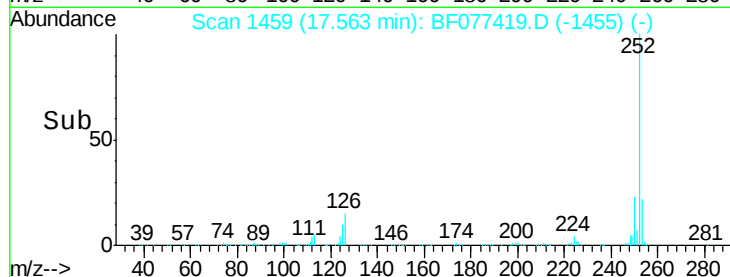
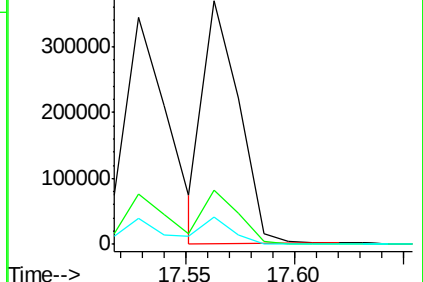
125 11.4 10.1 15.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 36.24 ng

RT: 17.93 min Scan# 1491

Delta R.T. -0.06 min

Lab File: BF077419.D

Acq: 24 Feb 2015 16:01

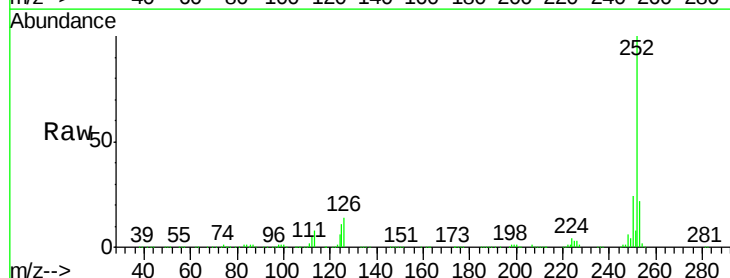
Tgt Ion:252 Resp: 446576

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

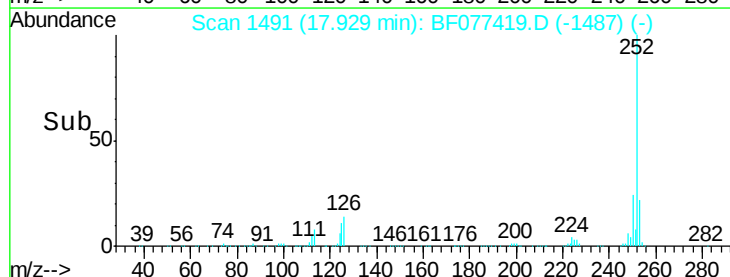
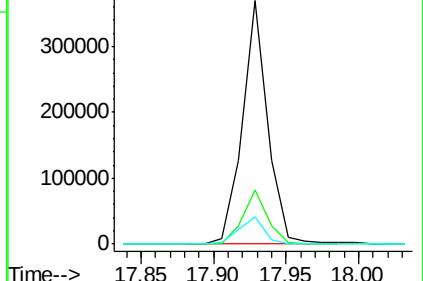
125 11.2 8.3 12.5

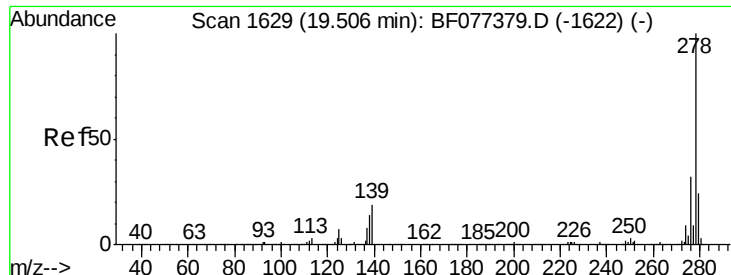


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

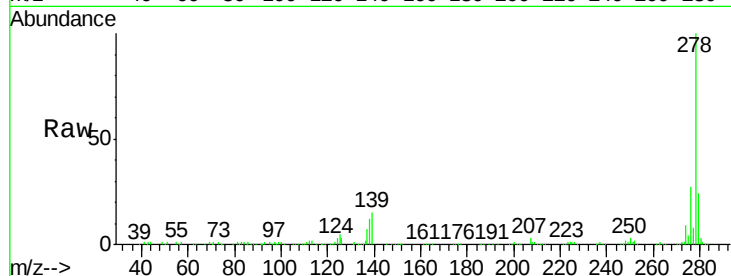




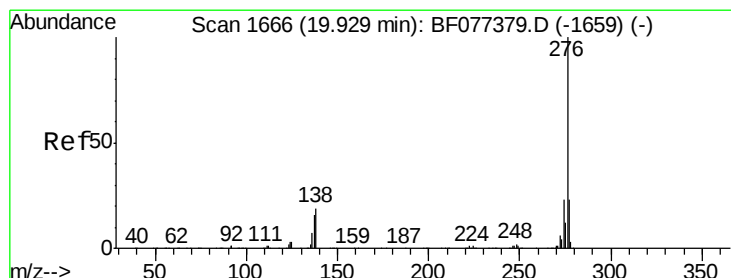
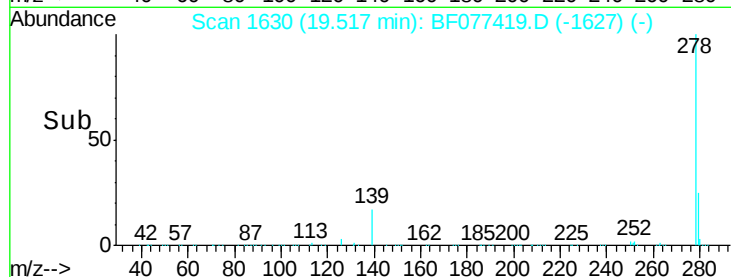
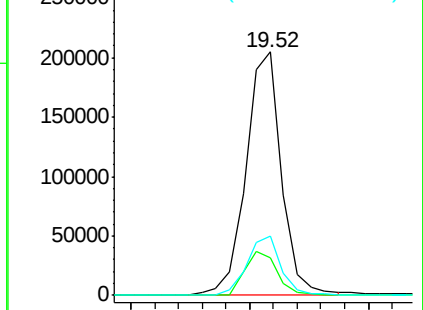
#90
Dibenzo(a,h)anthracene
Concen: 35.98 ng
RT: 19.52 min Scan# 1630
Delta R.T. -0.07 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB81839BS

Tgt Ion: 278 Resp: 422751
Ion Ratio Lower Upper
278 100
139 15.2 14.3 21.5
279 24.3 19.0 28.6

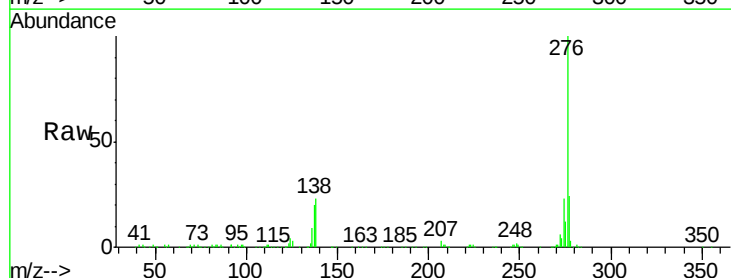


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 37.59 ng
RT: 19.92 min Scan# 1665
Delta R.T. -0.08 min
Lab File: BF077419.D
Acq: 24 Feb 2015 16:01

Tgt Ion: 276 Resp: 445874
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 23.4 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

