

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
 Data File : BF077392.D
 Acq On : 20 Feb 2015 20:08
 Operator : TP/IZ
 Sample : PB81820BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81820BS

Quant Time: Feb 21 01:34:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 20 23:55:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	78190	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	321117	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	170848	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	354956	20.00	ng	0.00
75) Chrysene-d12	16.23	240	358325	20.00	ng	0.00
86) Perylene-d12	18.01	264	340480	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	513180	109.57	ng	0.00
7) Phenol-d6	6.88	99	627486	104.20	ng	0.00
23) Nitrobenzene-d5	8.02	82	366807	71.03	ng	0.00
41) 2,4,6-Tribromophenol	12.07	330	196136	119.23	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	904816	82.58	ng	0.00
78) Terphenyl-d14	14.92	244	1137799	74.23	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	53207	26.77	ng	99
3) Pyridine	3.06	79	140052	24.63	ng	96
4) n-Nitrosodimethylamine	2.98	42	77331	31.28	ng	95
6) Aniline	6.91	93	147252	17.69	ng	94
8) 2-Chlorophenol	7.06	128	187186	33.88	ng	94
10) Phenol	6.90	94	227217	31.80	ng	96
11) bis(2-Chloroethyl)ether	7.01	93	165985	32.33	ng	88
12) 1,3-Dichlorobenzene	7.25	146	194919	32.40	ng	96
13) 1,4-Dichlorobenzene	7.36	146	200792	32.81	ng	98
14) 1,2-Dichlorobenzene	7.54	146	189192	32.49	ng	97
15) Benzyl Alcohol	7.50	79	156094	34.10	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.69	45	248479	33.86	ng	96
17) 2-Methylphenol	7.64	107	147593	34.18	ng	95
18) Hexachloroethane	7.95	117	66719	32.64	ng	# 79
19) n-Nitroso-di-n-propylamine	7.85	70	132820	34.73	ng	# 89
20) 3+4-Methylphenols	7.84	107	194972	34.28	ng	# 68
22) Acetophenone	7.84	105	263660	34.91	ng	# 93
24) Nitrobenzene	8.04	77	186392	34.31	ng	# 84
25) Isophorone	8.34	82	345411	33.71	ng	94
26) 2-Nitrophenol	8.44	139	76795	34.49	ng	# 87
27) 2,4-Dimethylphenol	8.50	122	168806	33.88	ng	96
28) bis(2-Chloroethoxy)methane	8.62	93	220694	34.10	ng	98
29) 2,4-Dichlorophenol	8.73	162	165087	35.30	ng	92
30) 1,2,4-Trichlorobenzene	8.84	180	172226	33.50	ng	98
31) Naphthalene	8.93	128	566485	35.28	ng	99
32) Benzoic acid	8.59	122	85108	35.16	ng	99
33) 4-Chloroaniline	9.00	127	132555	18.57	ng	# 91
34) Hexachlorobutadiene	9.09	225	101698	34.65	ng	100
35) Caprolactam	9.42	113	52454	36.74	ng	90
36) 4-Chloro-3-methylphenol	9.61	107	174879	37.20	ng	95
37) 2-Methylnaphthalene	9.79	142	385521	33.81	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.00	216	179367	36.59	ng	98
40) Hexachlorocyclopentadiene	9.98	237	187105	71.18	ng	96
42) 2,4,6-Trichlorophenol	10.15	196	125373	38.62	ng	99

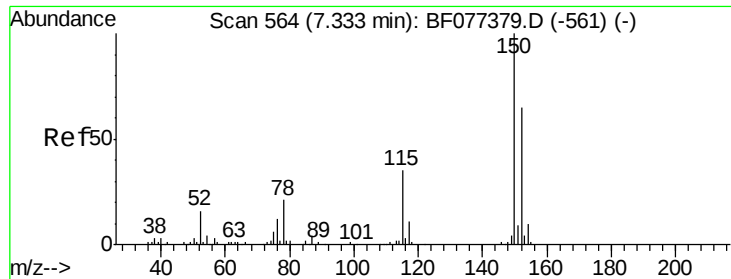
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
 Data File : BF077392.D
 Acq On : 20 Feb 2015 20:08
 Operator : TP/IZ
 Sample : PB81820BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81820BS

Quant Time: Feb 21 01:34:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 20 23:55:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.18	196	130044	37.46	ng	# 82
45) 1,1'-Biphenyl	10.37	154	470914	36.38	ng	97
46) 2-Chloronaphthalene	10.40	162	386036	38.03	ng	98
47) 2-Nitroaniline	10.52	65	103629	41.47	ng	88
48) Acenaphthylene	10.91	152	627511	39.05	ng	99
49) Dimethylphthalate	10.76	163	473761	39.45	ng	98
50) 2,6-Dinitrotoluene	10.83	165	96400	40.03	ng	# 66
51) Acenaphthene	11.13	154	368089	38.38	ng	99
52) 3-Nitroaniline	11.04	138	75721	27.27	ng	81
53) 2,4-Dinitrophenol	11.16	184	51333	70.05	ng	# 66
54) Dibenzofuran	11.35	168	576466	38.93	ng	95
55) 4-Nitrophenol	11.24	139	174749	78.24	ng	100
56) 2,4-Dinitrotoluene	11.32	165	130769	40.18	ng	# 68
57) Fluorene	11.77	166	463187	39.13	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.49	232	111284	39.88	ng	99
59) Diethylphthalate	11.64	149	481948	40.71	ng	98
60) 4-Chlorophenyl-phenylether	11.78	204	219462	38.48	ng	93
61) 4-Nitroaniline	11.79	138	101813	38.26	ng	90
62) Azobenzene	11.97	77	433354	38.58	ng	92
64) 4,6-Dinitro-2-methylphenol	11.83	198	40265	29.94	ng	# 60
65) n-Nitrosodiphenylamine	11.92	169	392420	33.32	ng	100
66) 4-Bromophenyl-phenylether	12.39	248	142657	34.32	ng	# 90
67) Hexachlorobenzene	12.44	284	145956	32.72	ng	# 88
68) Atrazine	12.59	200	134155	35.04	ng	97
69) Pentachlorophenol	12.68	266	163093	69.55	ng	99
70) Phenanthrene	12.96	178	682051	33.15	ng	99
71) Anthracene	13.03	178	714898	35.02	ng	99
72) Carbazole	13.23	167	649231	33.45	ng	98
73) Di-n-butylphthalate	13.68	149	811281	35.59	ng	99
74) Fluoranthene	14.44	202	785372	34.95	ng	97
76) Benzidine	14.61	184	364002	30.07	ng	99
77) Pyrene	14.72	202	768262	35.05	ng	99
79) Butylbenzylphthalate	15.55	149	362346	40.18	ng	89
80) Benzo(a)anthracene	16.21	228	743355	35.40	ng	100
81) 3,3'-Dichlorobenzidine	16.19	252	165836	21.55	ng	# 97
82) Chrysene	16.26	228	668259	33.89	ng	100
83) Bis(2-ethylhexyl)phthalate	16.27	149	526542	36.41	ng	# 96
84) Di-n-octyl phthalate	17.08	149	894918	37.07	ng	99
85) Indeno(1,2,3-cd)pyrene	19.52	276	757171m	33.68	ng	
87) Benzo(b)fluoranthene	17.55	252	799959	40.40	ng	# 97
88) Benzo(k)fluoranthene	17.59	252	574705m	29.62	ng	
89) Benzo(a)pyrene	17.95	252	672337	35.65	ng	99
90) Dibenzo(a,h)anthracene	19.55	278	627777	34.91	ng	98
91) Benzo(g,h,i)perylene	19.96	276	632055	34.82	ng	95

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

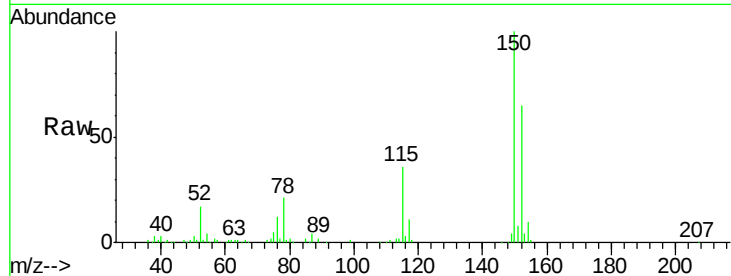


#1

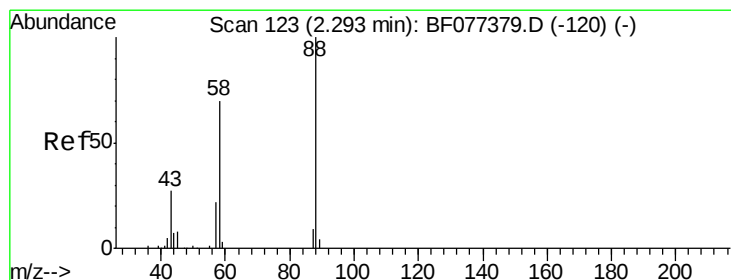
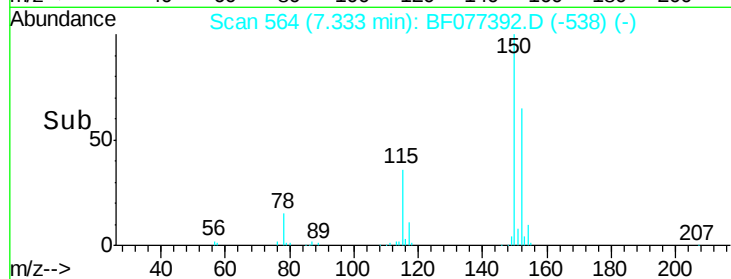
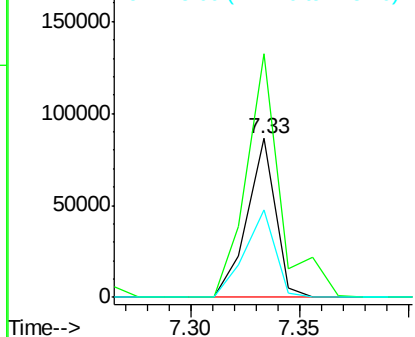
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

Instrument :
BNA_F
ClientSampleId :
PB81820BS

Tgt Ion:152 Resp: 78190
Ion Ratio Lower Upper
152 100
150 153.4 124.0 186.0
115 55.5 49.4 74.2



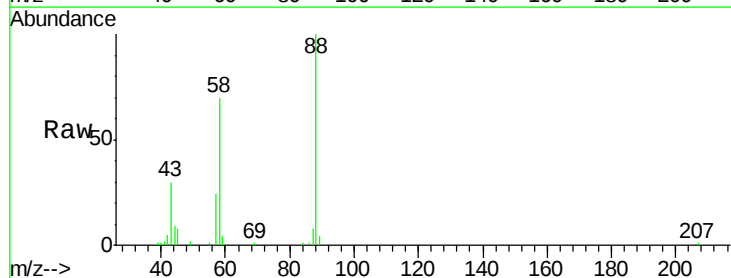
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



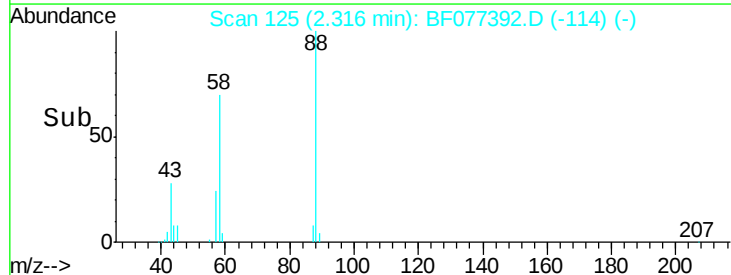
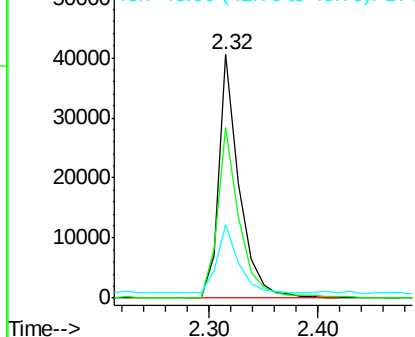
#2

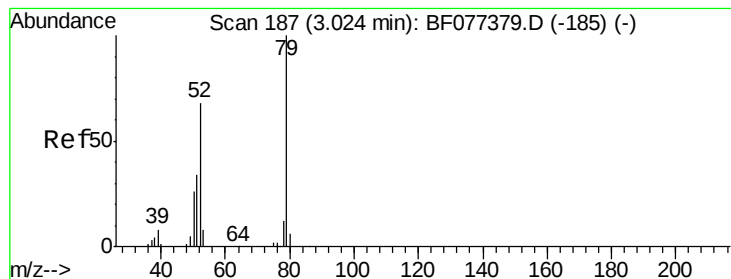
1,4-Dioxane
Concen: 26.77 ng
RT: 2.32 min Scan# 125
Delta R.T. 0.02 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

Tgt Ion: 88 Resp: 53207
Ion Ratio Lower Upper
88 100
58 76.3 62.1 93.1
43 29.4 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: 24.63 ng

RT: 3.06 min Scan# 190

Delta R.T. 0.03 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

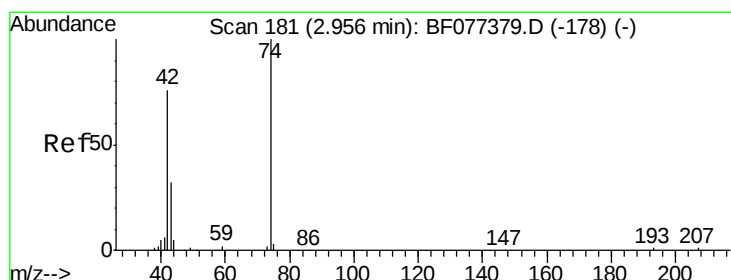
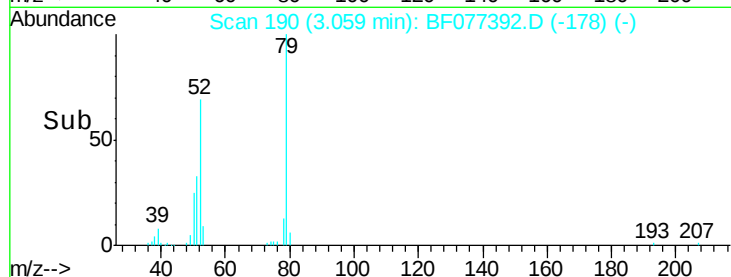
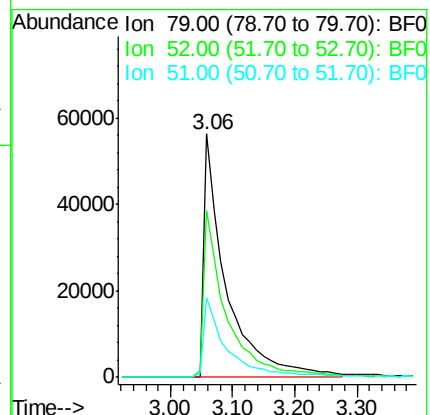
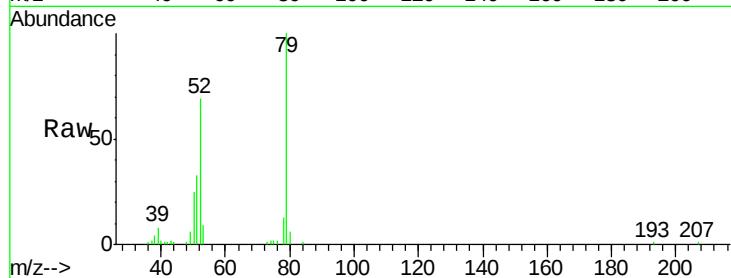
Tgt Ion: 79 Resp: 140052

Ion Ratio Lower Upper

79 100

52 68.8 57.7 86.5

51 32.8 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 31.28 ng

RT: 2.98 min Scan# 183

Delta R.T. 0.02 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

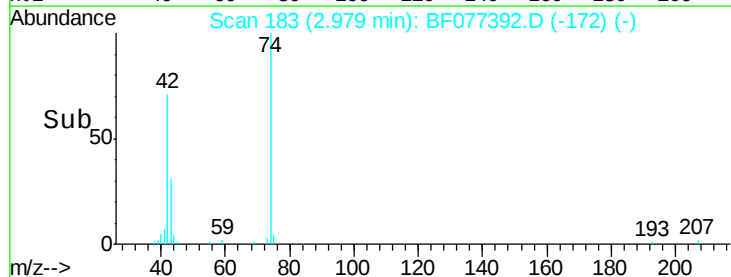
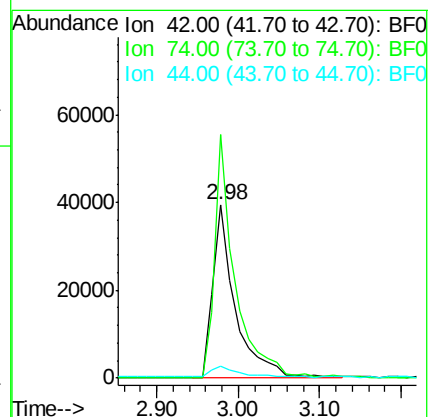
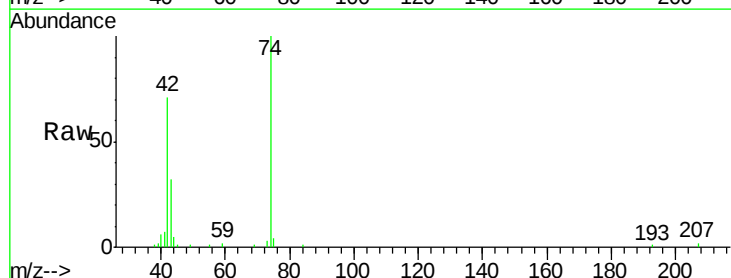
Tgt Ion: 42 Resp: 77331

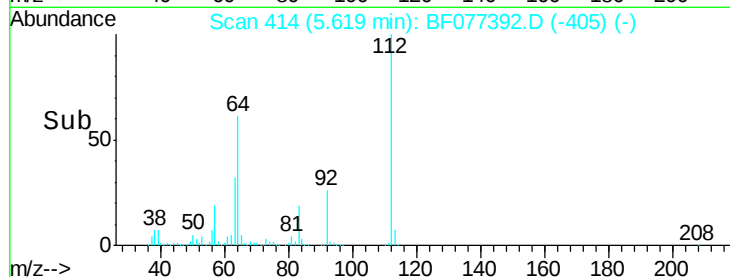
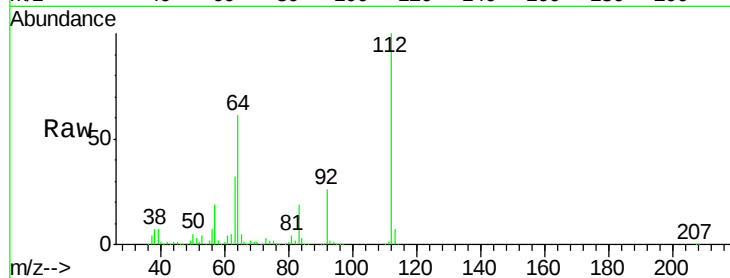
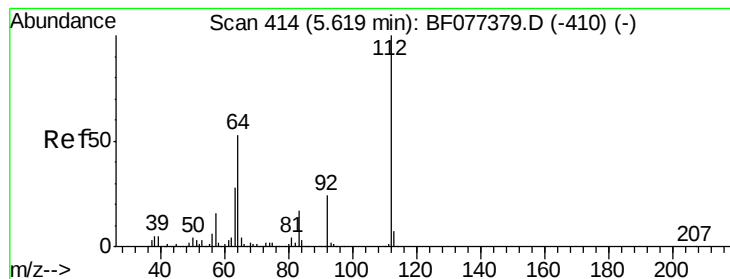
Ion Ratio Lower Upper

42 100

74 140.1 107.1 160.7

44 7.2 6.7 10.1





#5

2-Fluorophenol

Concen: 109.57 ng

RT: 5.62 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

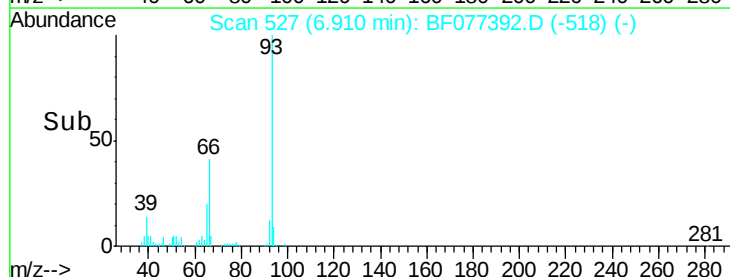
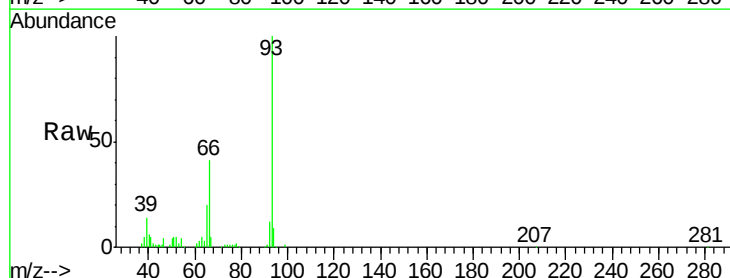
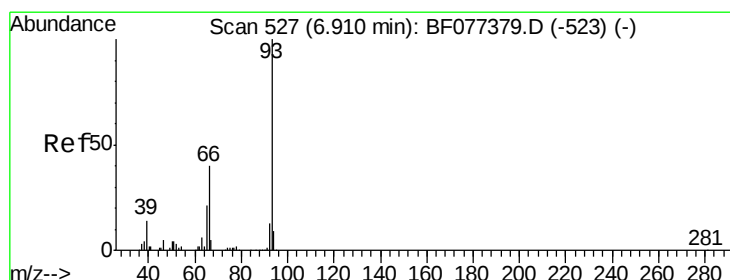
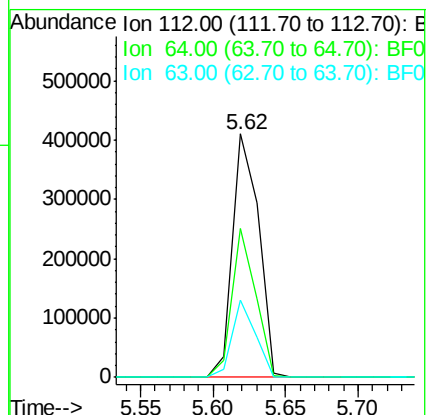
Tgt Ion: 112 Resp: 513180

Ion Ratio Lower Upper

112 100

64 61.1 48.5 72.7

63 31.6 25.0 37.4



#6

Aniline

Concen: 17.69 ng

RT: 6.91 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

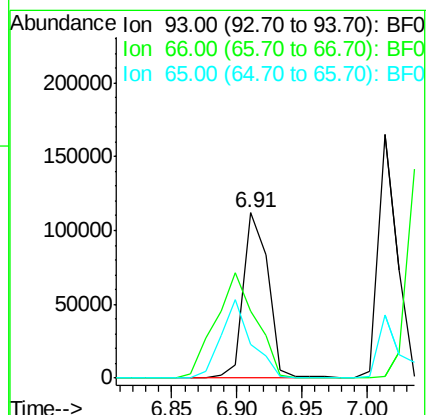
Tgt Ion: 93 Resp: 147252

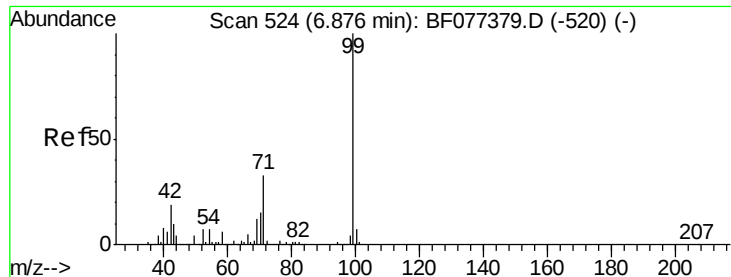
Ion Ratio Lower Upper

93 100

66 40.6 29.1 43.7

65 20.1 14.6 22.0





#7

Phenol-d6

Concen: 104.20 ng

RT: 6.88 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

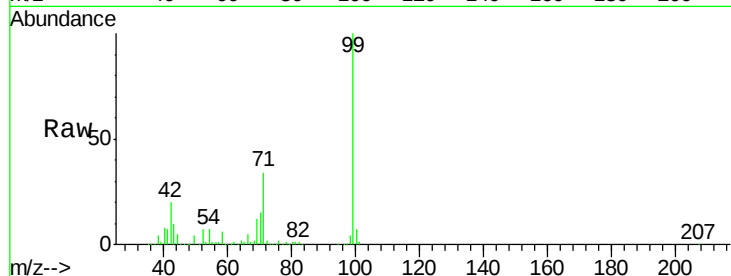
Tgt Ion: 99 Resp: 627486

Ion Ratio Lower Upper

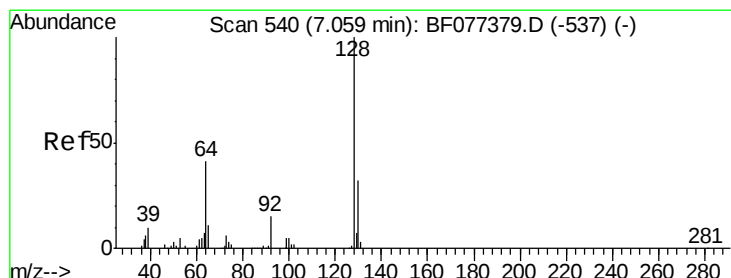
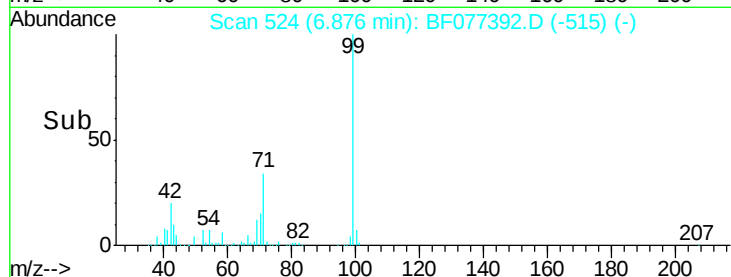
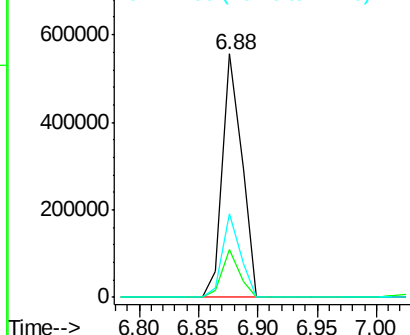
99 100

42 19.8 16.2 24.4

71 34.2 26.7 40.1



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



#8

2-Chlorophenol

Concen: 33.88 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

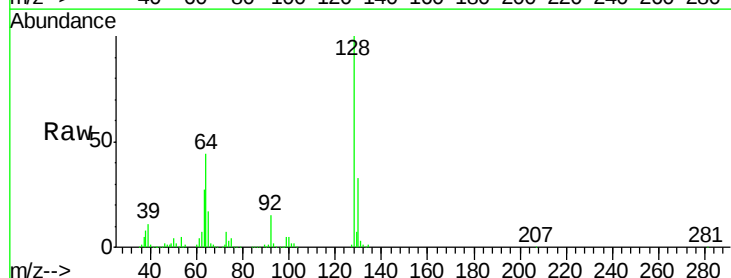
Tgt Ion: 128 Resp: 187186

Ion Ratio Lower Upper

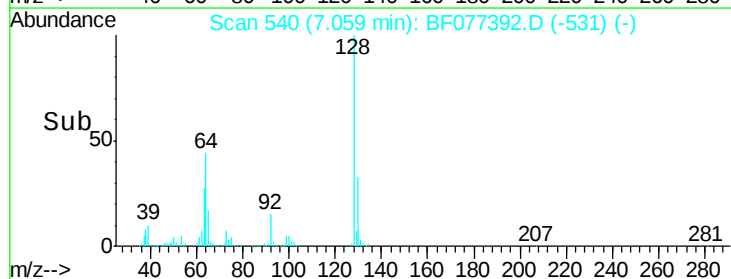
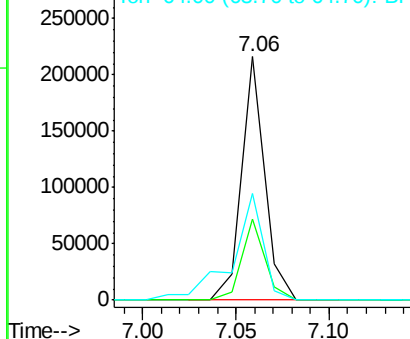
128 100

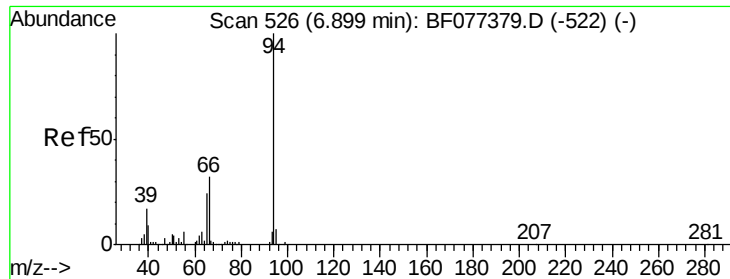
130 33.2 12.0 52.0

64 43.7 29.2 69.2



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





#10

Phenol

Concen: 31.80 ng

RT: 6.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

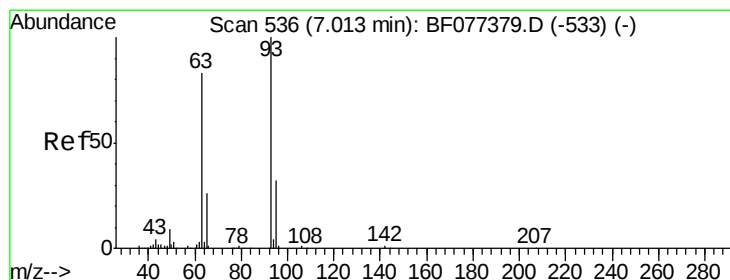
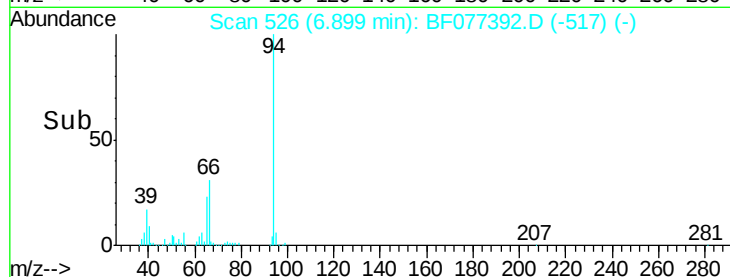
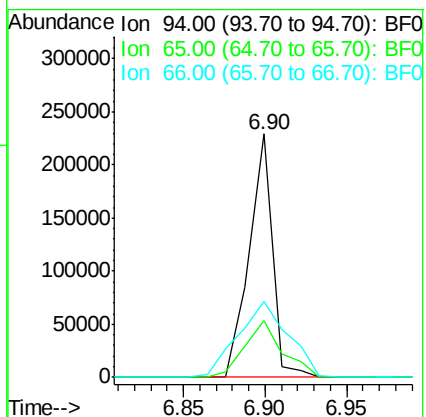
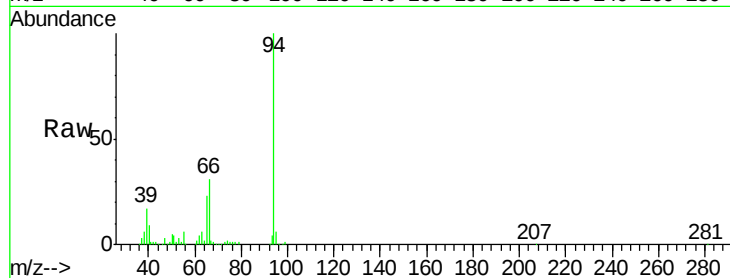
Tgt Ion: 94 Resp: 227217

Ion Ratio Lower Upper

94 100

65 23.3 5.7 45.7

66 31.2 13.6 53.6



#11

bis(2-Chloroethyl)ether

Concen: 32.33 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

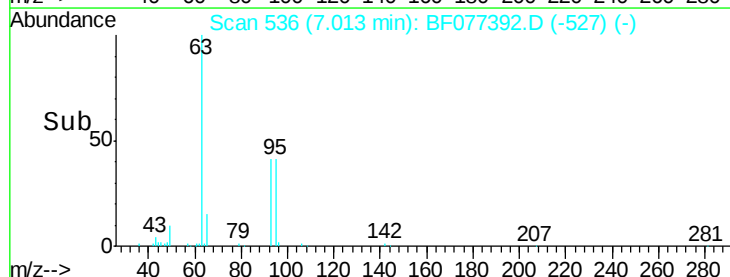
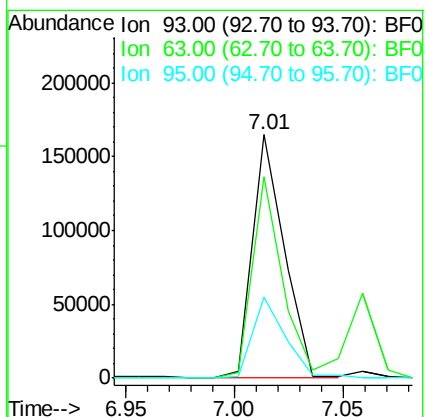
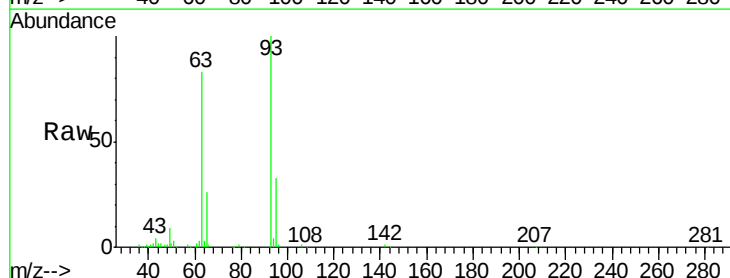
Tgt Ion: 93 Resp: 165985

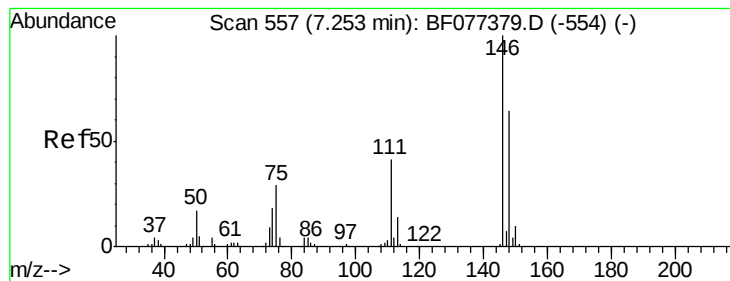
Ion Ratio Lower Upper

93 100

63 82.8 48.7 88.7

95 33.0 13.6 53.6





#12

1,3-Dichlorobenzene

Concen: 32.40 ng

RT: 7.25 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

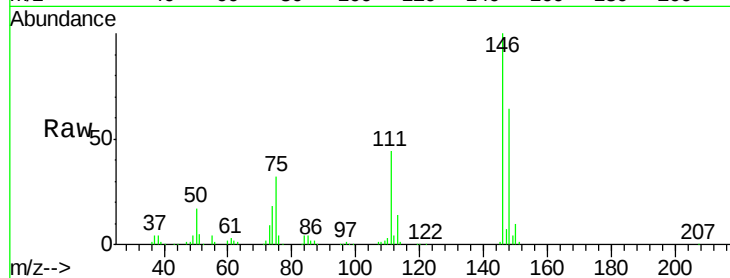
Tgt Ion:146 Resp: 194919

Ion Ratio Lower Upper

146 100

148 64.2 49.8 74.8

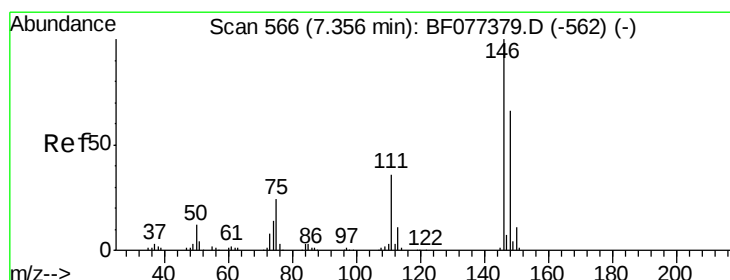
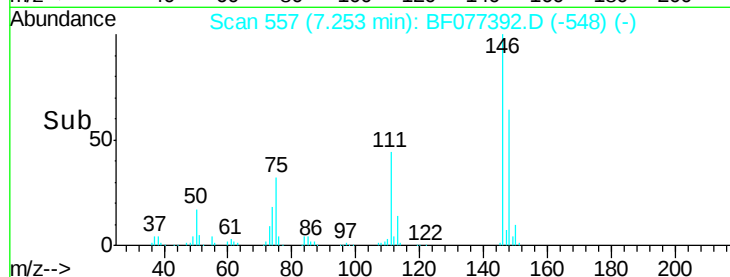
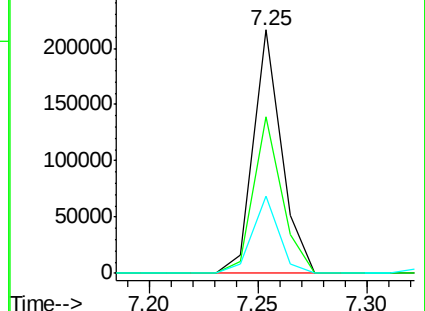
75 31.8 28.2 42.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 32.81 ng

RT: 7.36 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

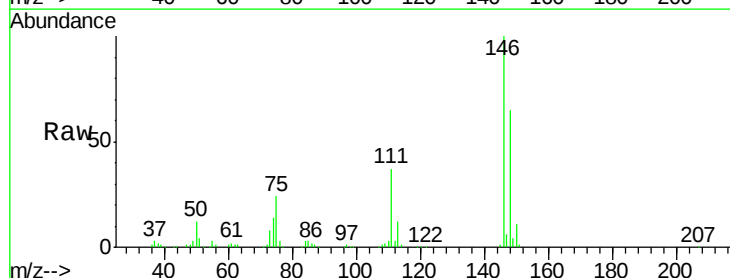
Tgt Ion:146 Resp: 200792

Ion Ratio Lower Upper

146 100

148 65.2 52.0 78.0

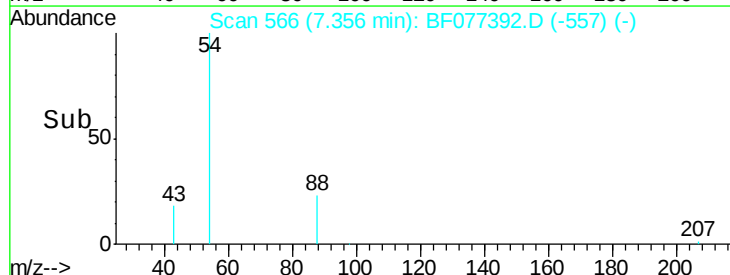
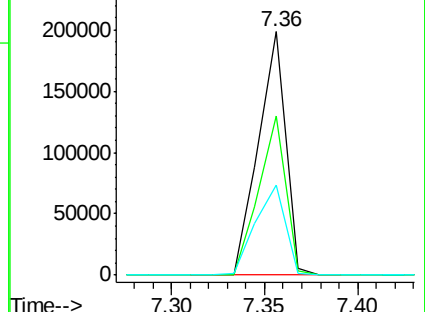
111 36.8 31.9 47.9

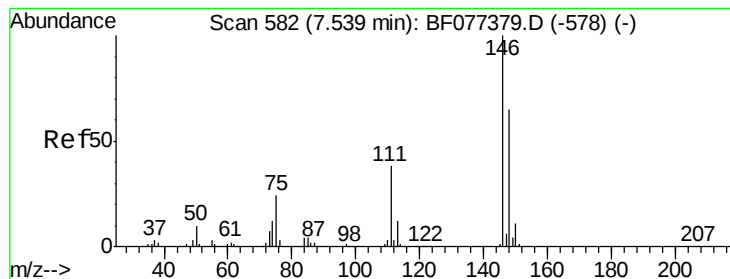


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 32.49 ng

RT: 7.54 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

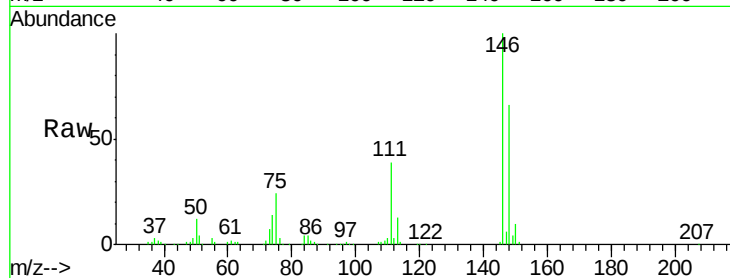
Tgt Ion: 146 Resp: 189192

Ion Ratio Lower Upper

146 100

148 66.1 51.6 77.4

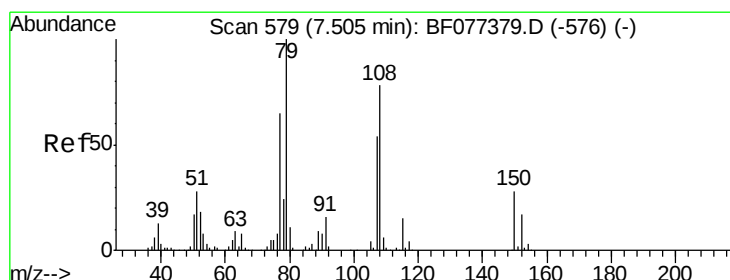
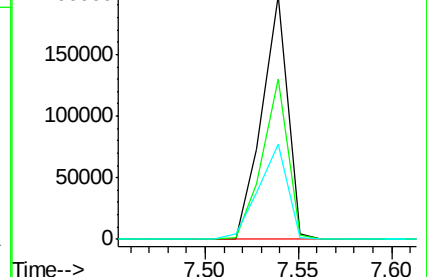
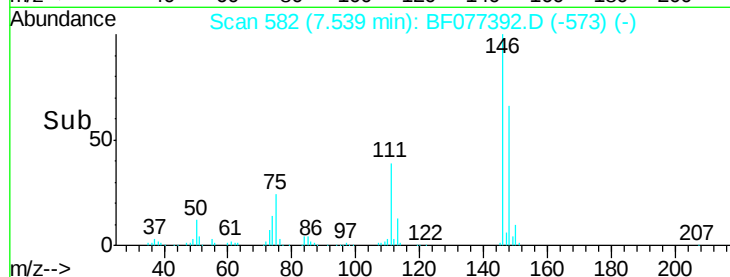
111 39.2 34.2 51.2



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: 34.10 ng

RT: 7.50 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

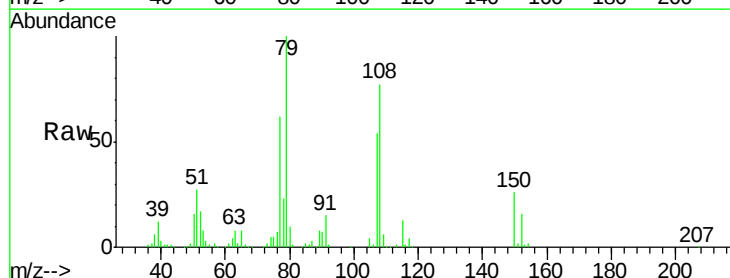
Tgt Ion: 79 Resp: 156094

Ion Ratio Lower Upper

79 100

108 77.5 58.3 87.5

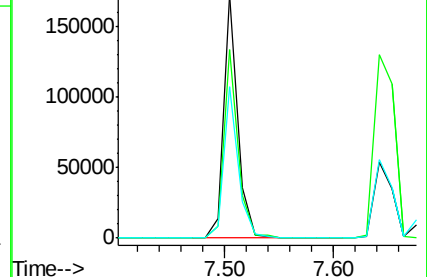
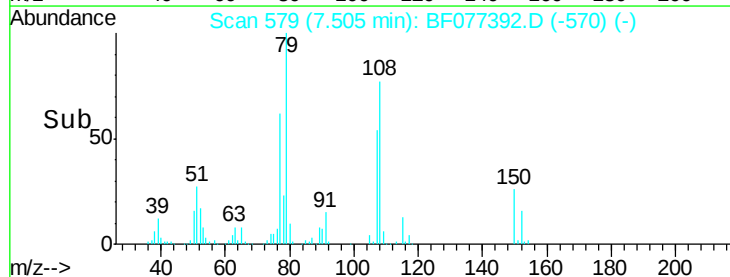
77 62.2 51.3 76.9

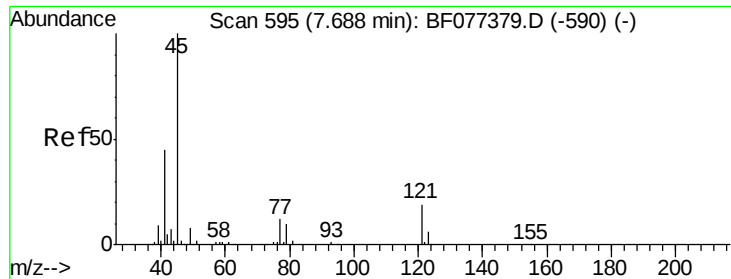


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

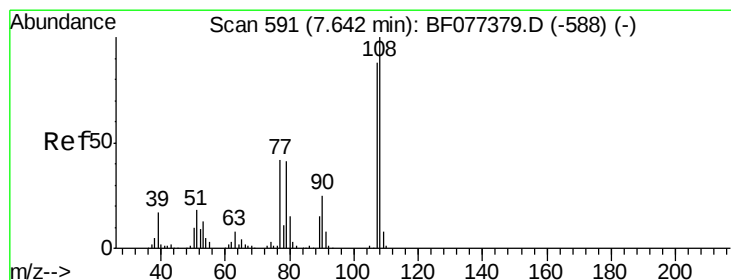
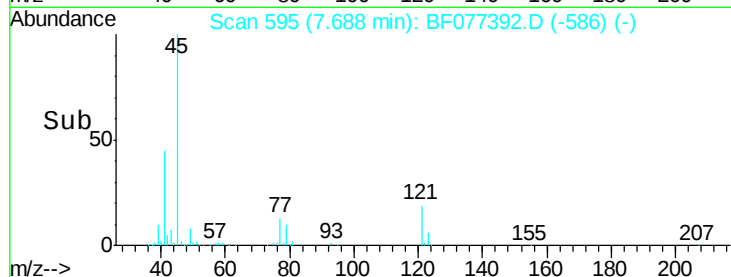
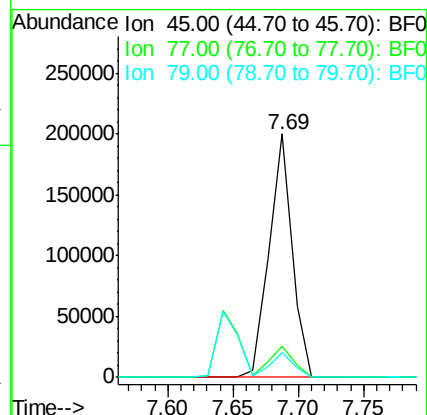
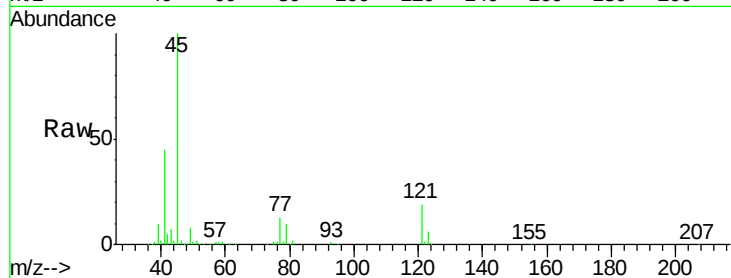




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 33.86 ng
 RT: 7.69 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

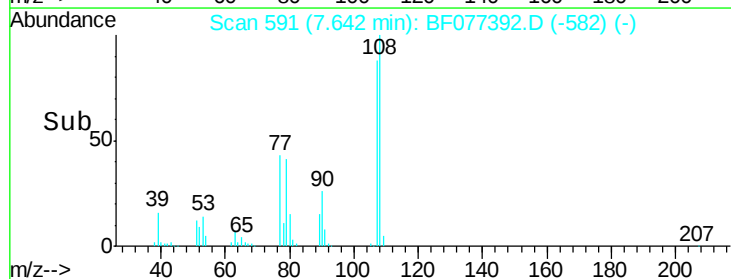
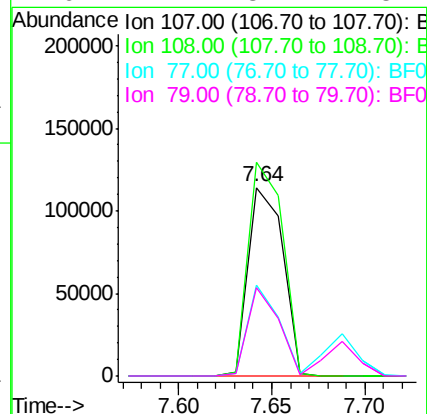
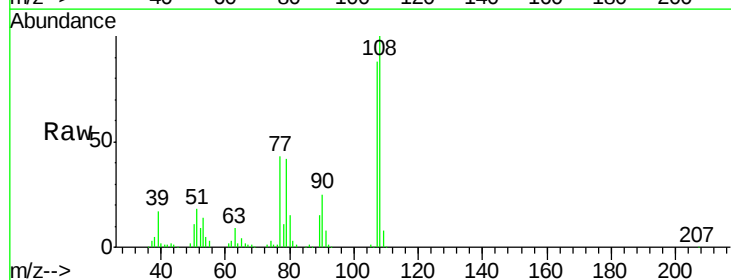
Instrument :
 BNA_F
 ClientSampleId :
 PB81820BS

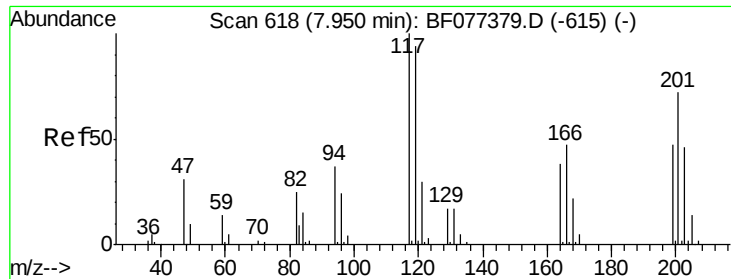
Tgt Ion: 45 Resp: 248479
 Ion Ratio Lower Upper
 45 100
 77 12.7 0.0 34.6
 79 10.3 0.0 31.5



#17
 2-Methylphenol
 Concen: 34.18 ng
 RT: 7.64 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

Tgt Ion: 107 Resp: 147593
 Ion Ratio Lower Upper
 107 100
 108 113.3 91.2 136.8
 77 48.4 33.6 50.4
 79 47.1 32.1 48.1

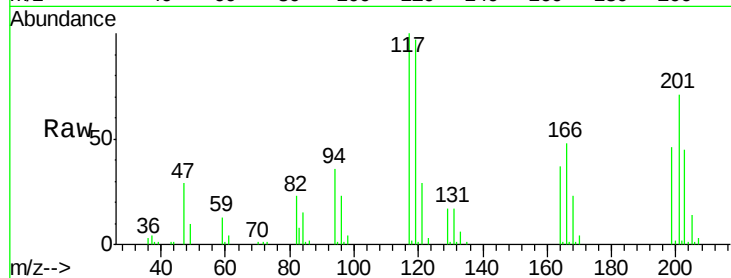




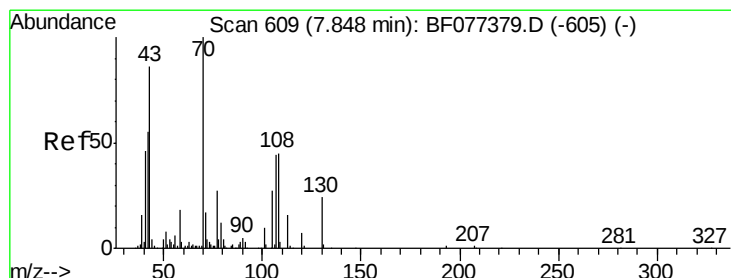
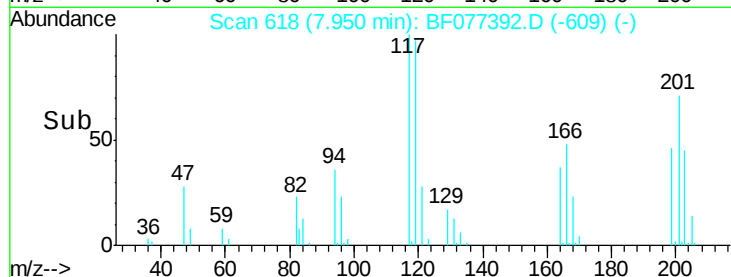
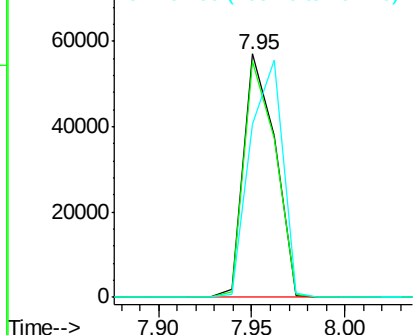
#18
Hexachloroethane
Concen: 32.64 ng
RT: 7.95 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

Instrument :
BNA_F
ClientSampleId :
PB81820BS

Tgt Ion: 117 Resp: 66719
Ion Ratio Lower Upper
117 100
119 96.8 77.8 116.8
201 70.9 90.6 136.0#

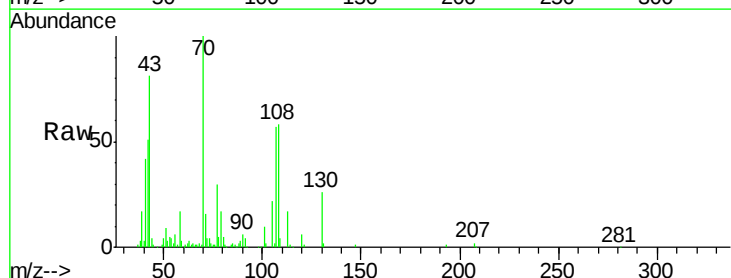


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

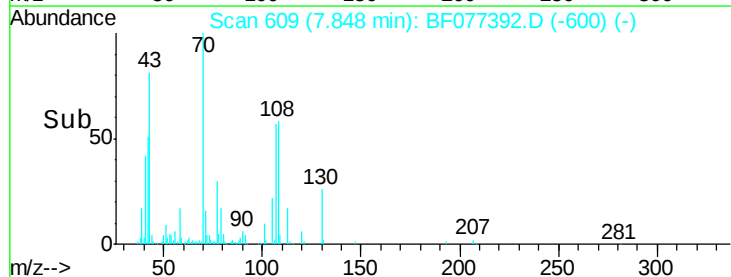
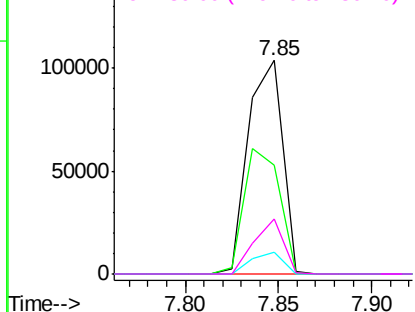


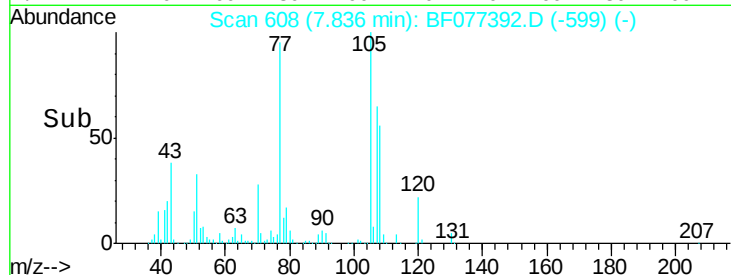
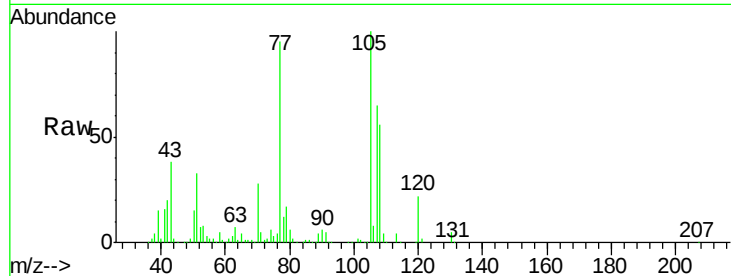
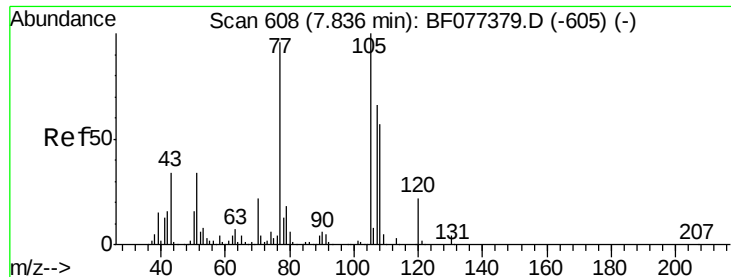
#19
n-Nitroso-di-n-propylamine
Concen: 34.73 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

Tgt Ion: 70 Resp: 132820
Ion Ratio Lower Upper
70 100
42 50.7 48.3 72.5
101 10.4 7.5 11.3
130 25.9 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

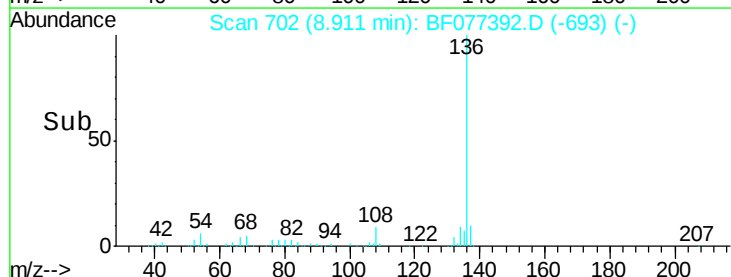
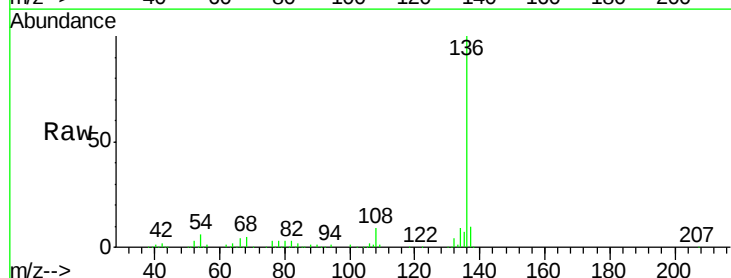
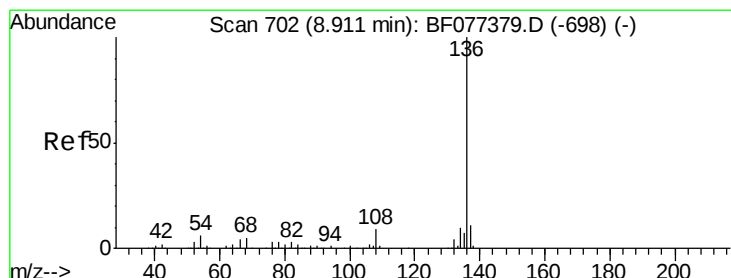
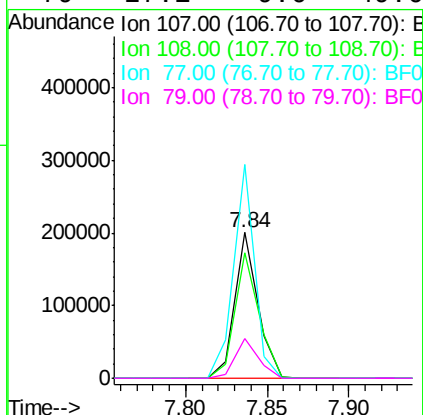




#20
3+4-Methylphenols
Concen: 34.28 ng
RT: 7.84 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

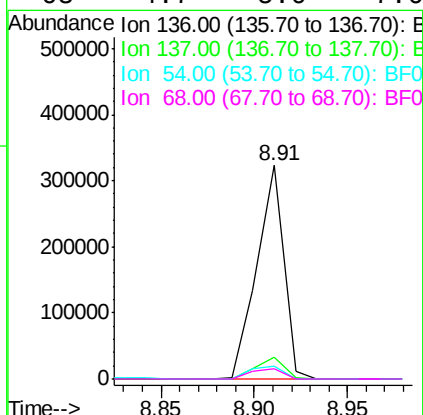
Instrument :
BNA_F
ClientSampled :
PB81820BS

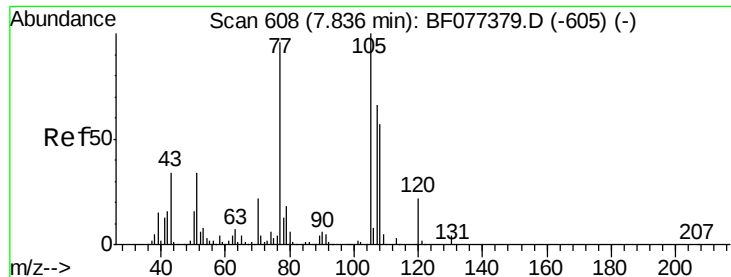
Tgt Ion:107 Resp: 194972
Ion Ratio Lower Upper
107 100
108 86.5 76.8 116.8
77 146.8 65.8 105.8#
79 27.1 9.6 49.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.91 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

Tgt Ion:136 Resp: 321117
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 5.8 6.2 9.4#
68 4.7 5.0 7.6#





#22

Acetophenone

Concen: 34.91 ng

RT: 7.84 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

Tgt Ion: 105 Resp: 263660

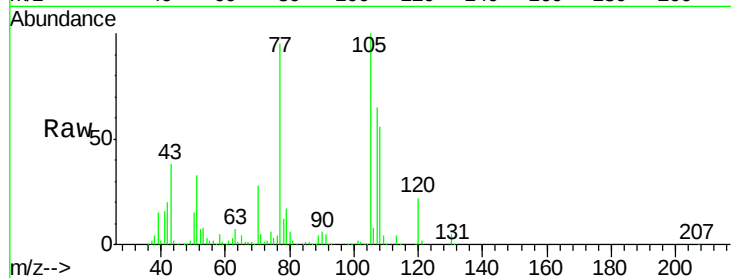
Ion Ratio Lower Upper

105 100

71 4.9 1.7 2.5#

51 32.9 30.7 46.1

120 22.2 16.7 25.1

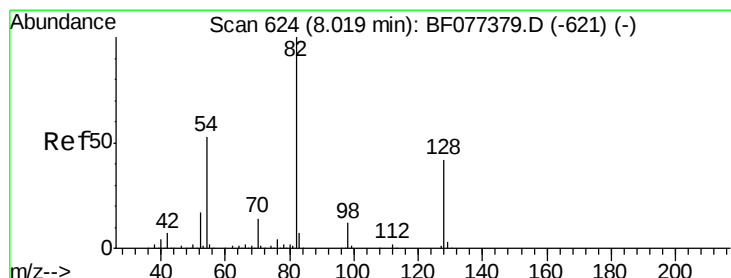
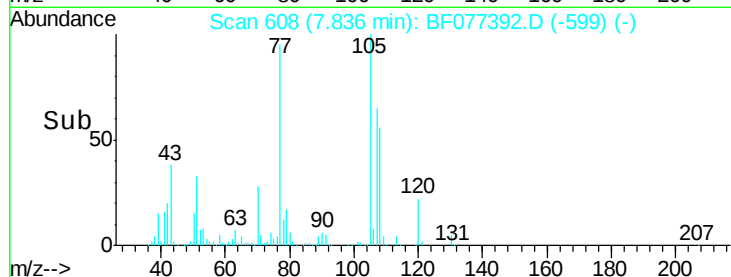
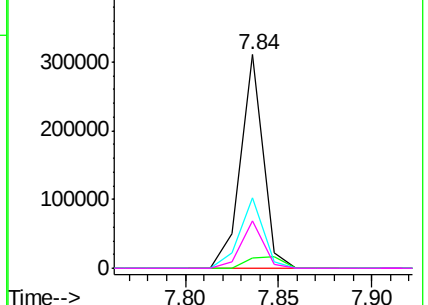


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 71.03 ng

RT: 8.02 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

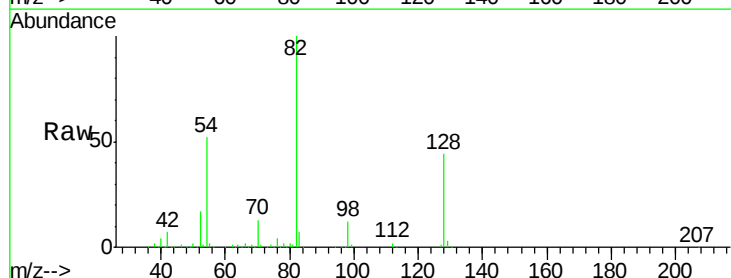
Tgt Ion: 82 Resp: 366807

Ion Ratio Lower Upper

82 100

128 43.7 43.8 65.8#

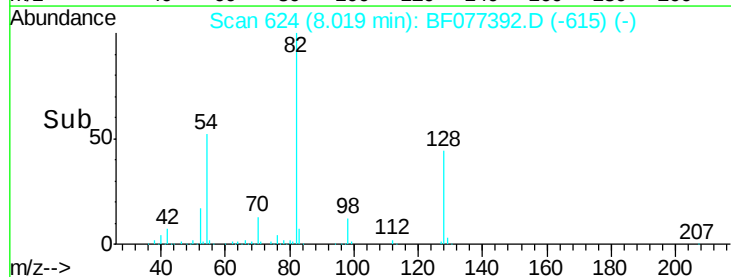
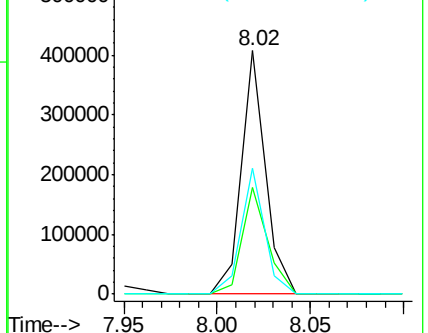
54 51.5 36.7 55.1

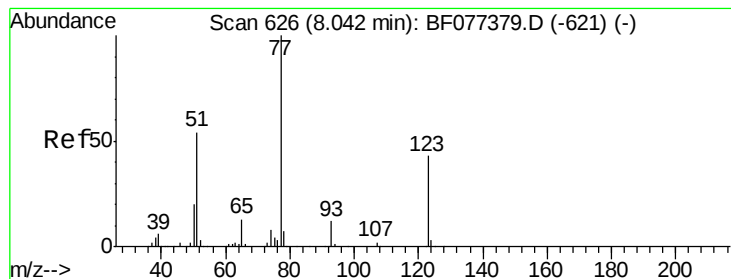


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 34.31 ng

RT: 8.04 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

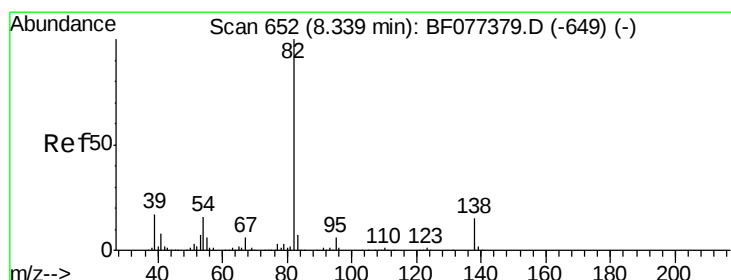
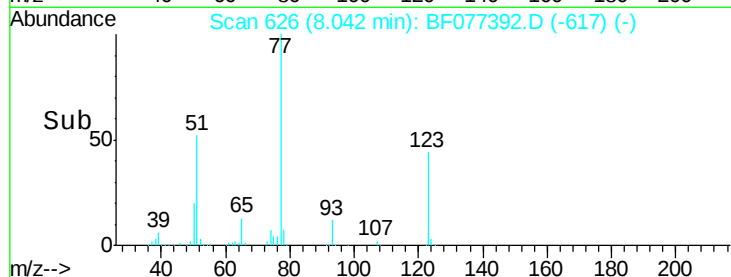
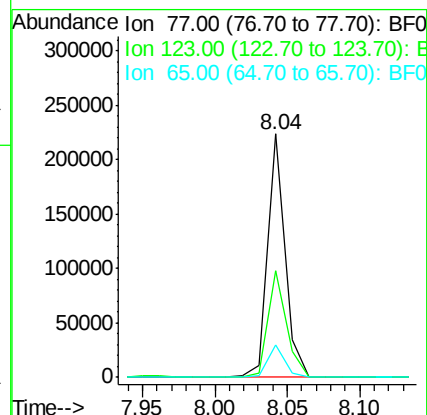
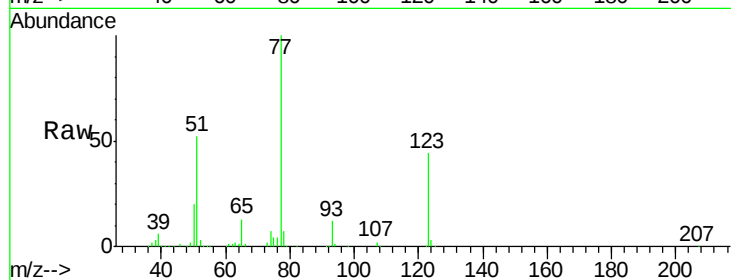
Tgt Ion: 77 Resp: 186392

Ion Ratio Lower Upper

77 100

123 44.0 45.9 68.9#

65 13.2 9.5 14.3



#25

Isophorone

Concen: 33.71 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

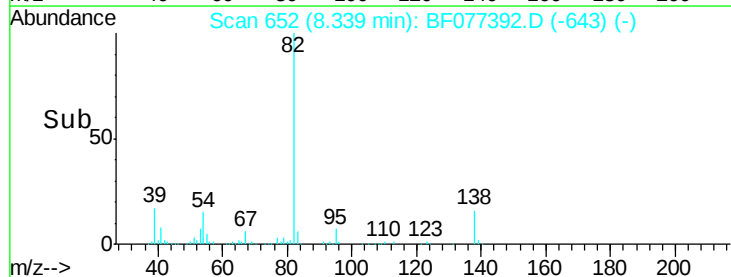
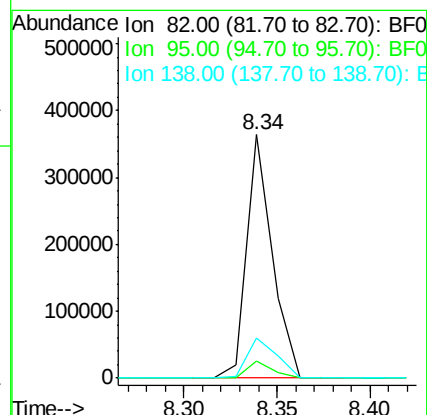
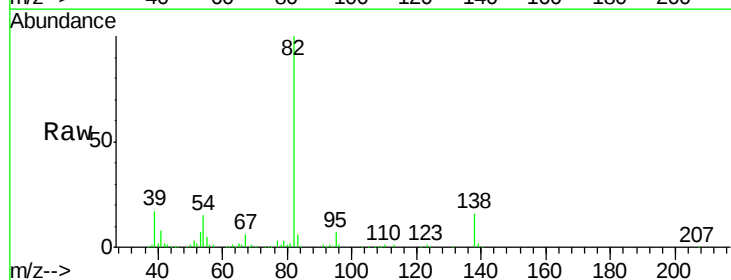
Tgt Ion: 82 Resp: 345411

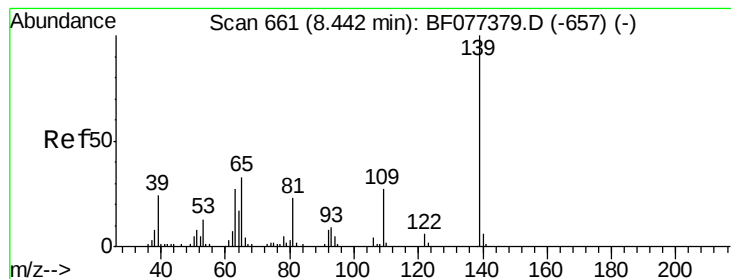
Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 16.4 16.3 24.5





#26

2-Nitrophenol

Concen: 34.49 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

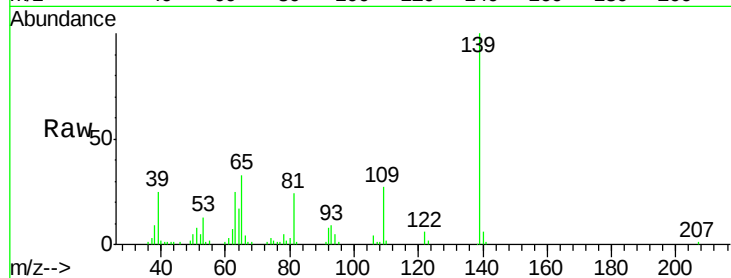
Tgt Ion:139 Resp: 76795

Ion Ratio Lower Upper

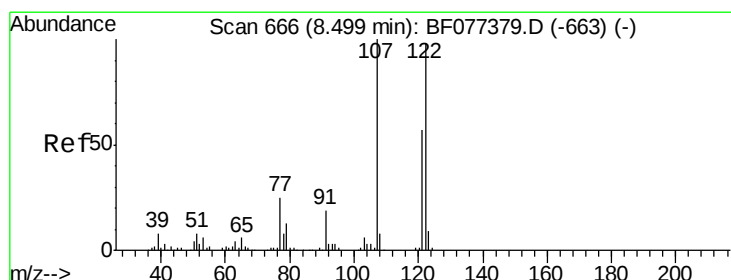
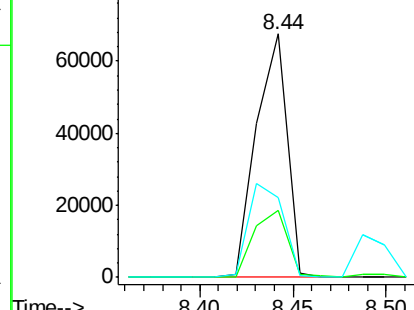
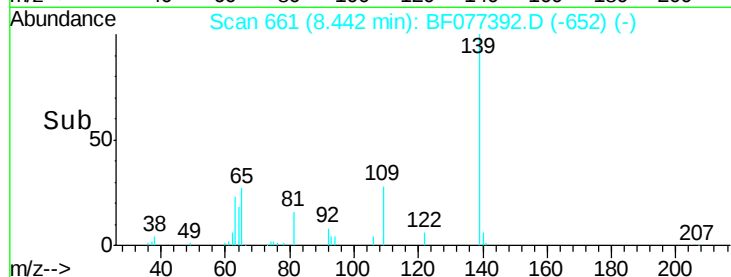
139 100

109 27.3 22.6 34.0

65 32.9 36.4 54.6#



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



#27

2,4-Dimethylphenol

Concen: 33.88 ng

RT: 8.50 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

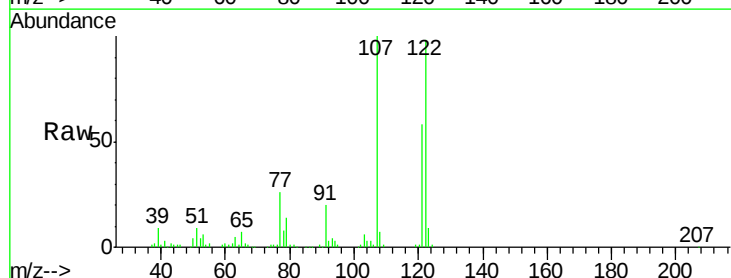
Tgt Ion:122 Resp: 168806

Ion Ratio Lower Upper

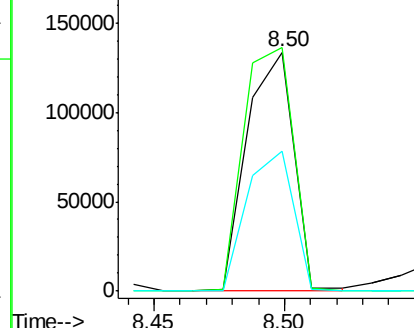
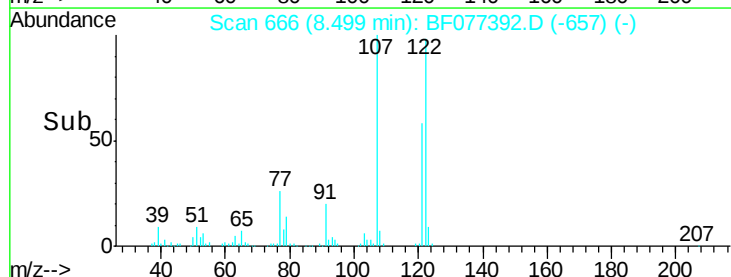
122 100

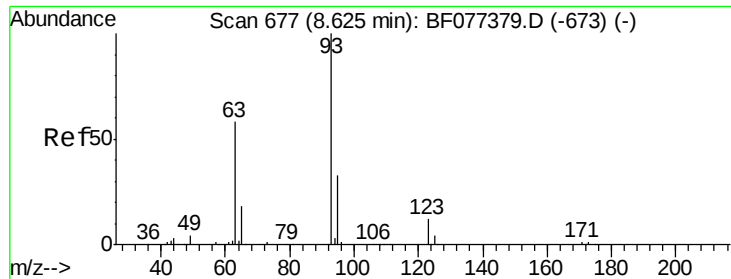
107 102.1 86.6 130.0

121 58.9 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

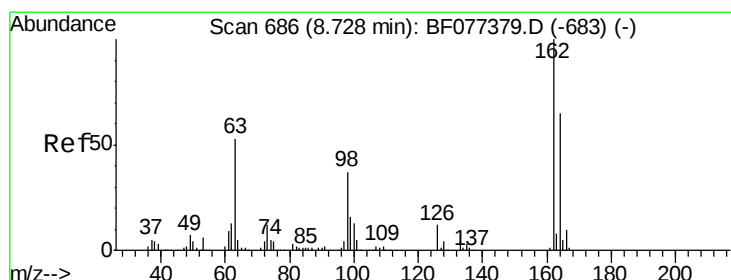
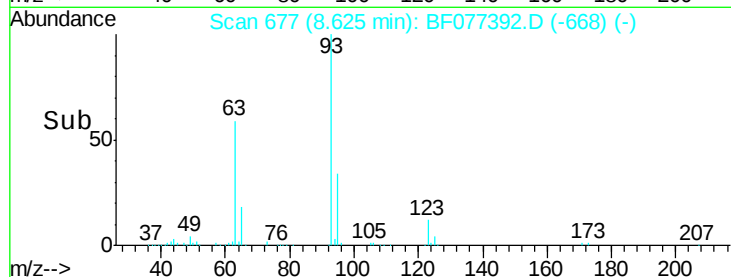
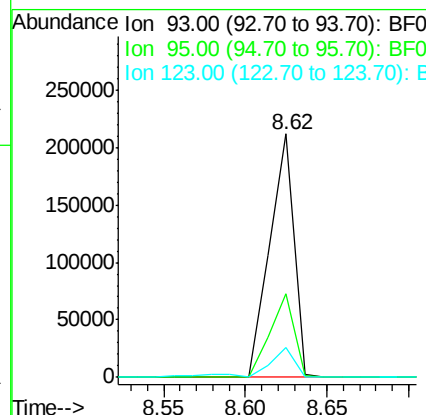
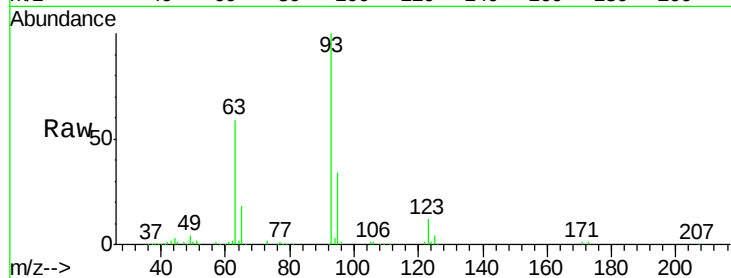




#28
bis(2-Chloroethoxy)methane
Concen: 34.10 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

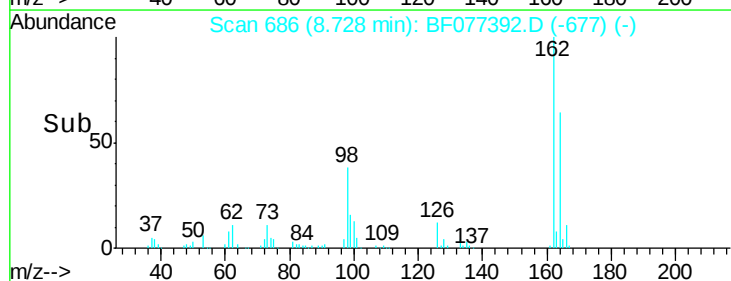
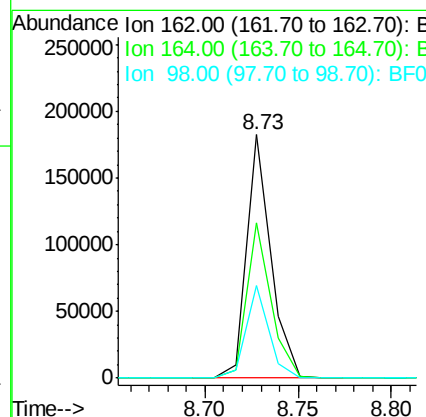
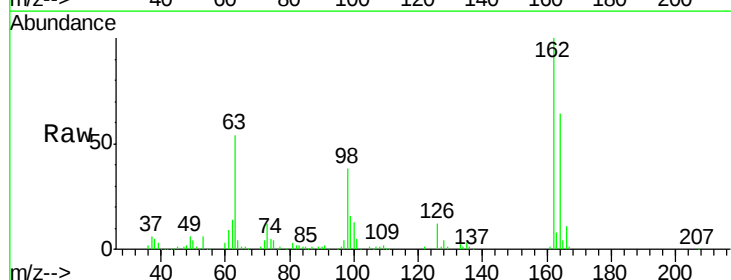
Instrument :
BNA_F
ClientSampled :
PB81820BS

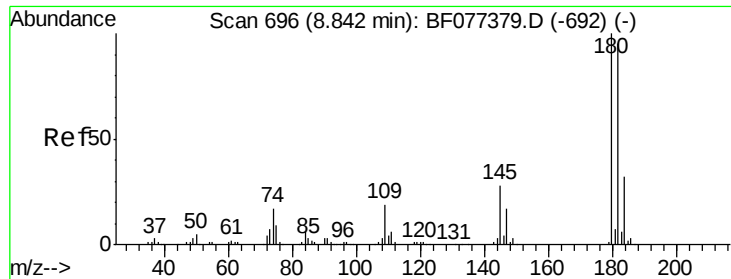
Tgt Ion: 93 Resp: 220694
Ion Ratio Lower Upper
93 100
95 34.1 26.4 39.6
123 12.4 8.7 13.1



#29
2,4-Dichlorophenol
Concen: 35.30 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

Tgt Ion: 162 Resp: 165087
Ion Ratio Lower Upper
162 100
164 63.9 46.4 86.4
98 38.2 6.9 46.9

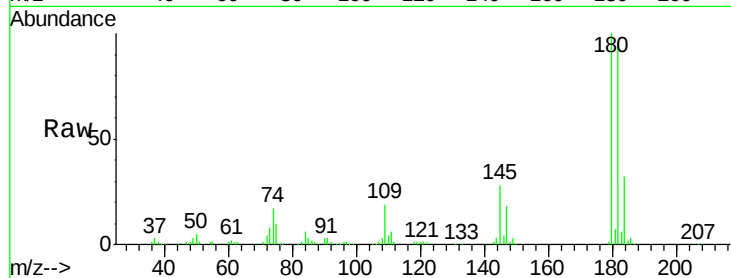




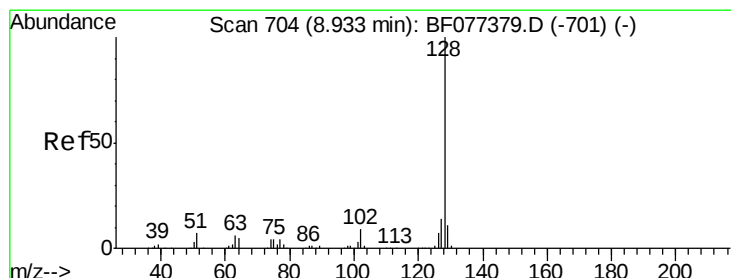
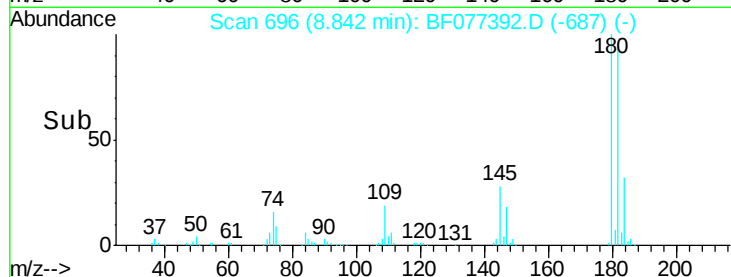
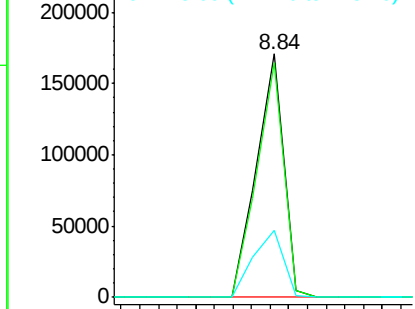
#30
1,2,4-Trichlorobenzene
Concen: 33.50 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

Instrument :
BNA_F
ClientSampleId :
PB81820BS

Tgt Ion:180 Resp: 172226
Ion Ratio Lower Upper
180 100
182 96.5 76.2 114.4
145 27.6 24.5 36.7

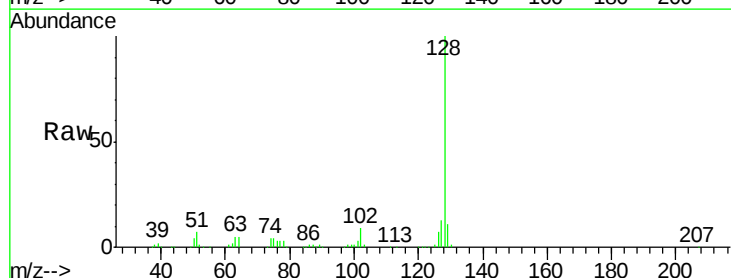


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

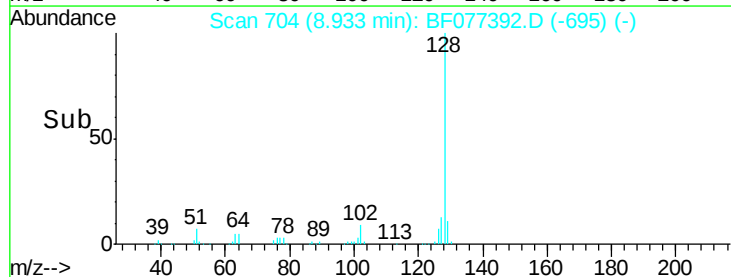
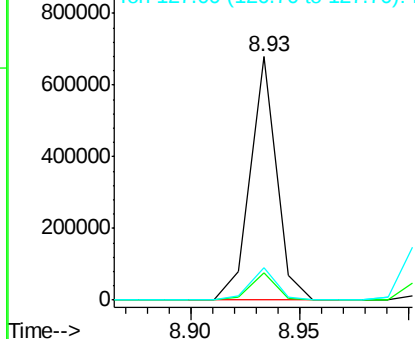


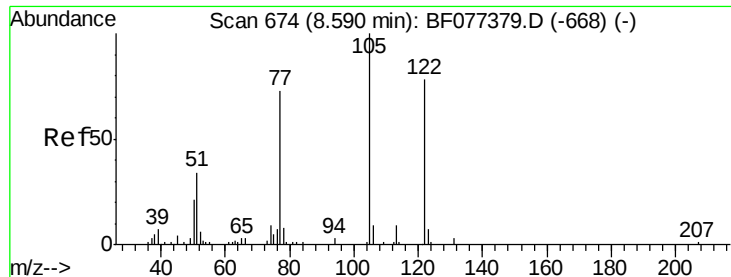
#31
Naphthalene
Concen: 35.28 ng
RT: 8.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

Tgt Ion:128 Resp: 566485
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.3 10.6 15.8



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





#32

Benzoic acid

Concen: 35.16 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

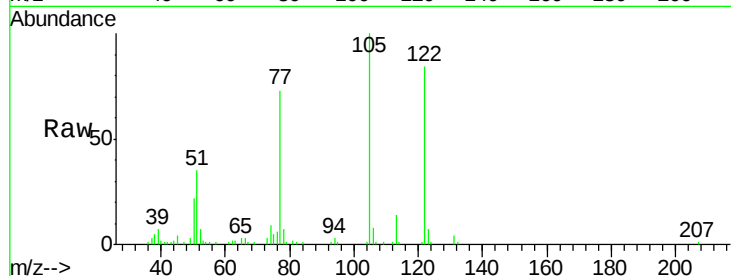
Tgt Ion:122 Resp: 85108

Ion Ratio Lower Upper

122 100

105 119.4 100.3 140.3

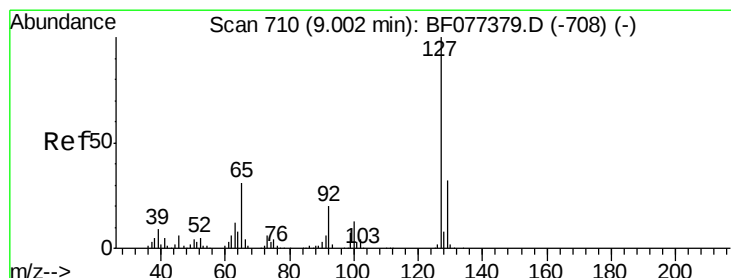
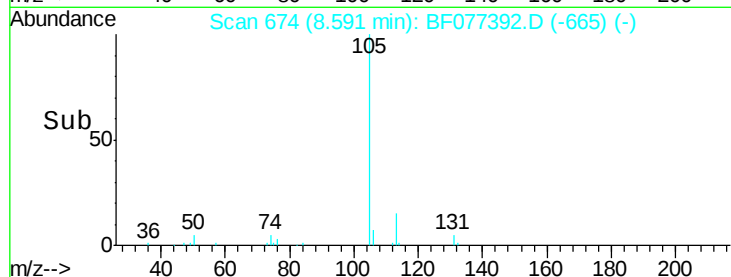
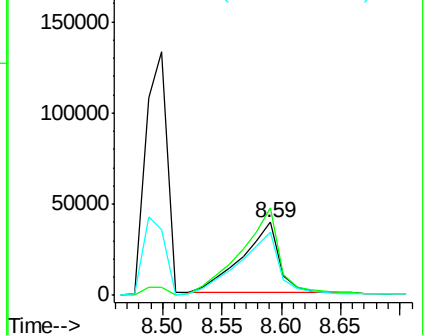
77 86.9 68.7 108.7



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: 18.57 ng

RT: 9.00 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Tgt Ion:127 Resp: 132555

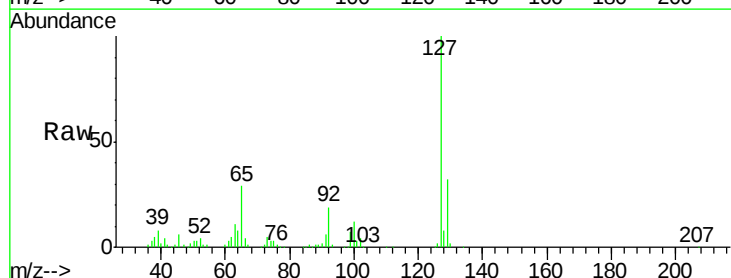
Ion Ratio Lower Upper

127 100

129 31.7 26.9 40.3

65 29.1 16.7 25.1#

92 19.0 12.5 18.7#

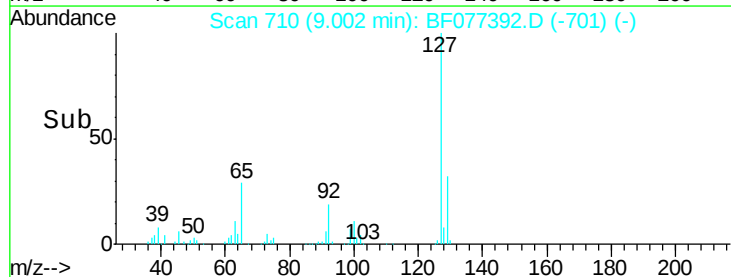
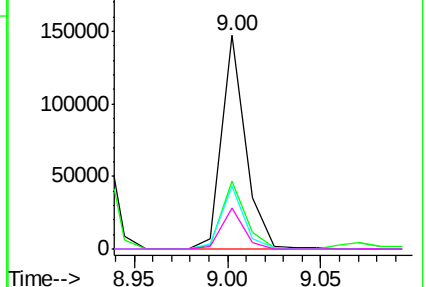


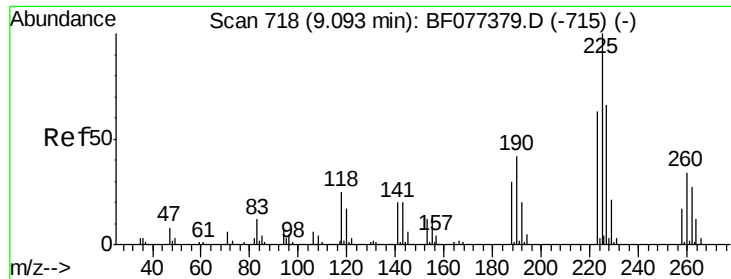
Abundance Ion 127.00 (126.70 to 127.70): E

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: 34.65 ng

RT: 9.09 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampled :

PB81820BS

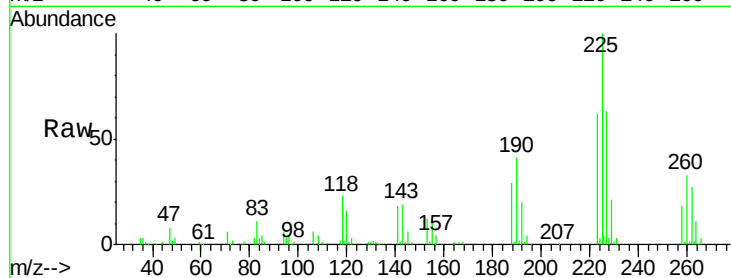
Tgt Ion: 225 Resp: 101698

Ion Ratio Lower Upper

225 100

223 62.1 49.5 74.3

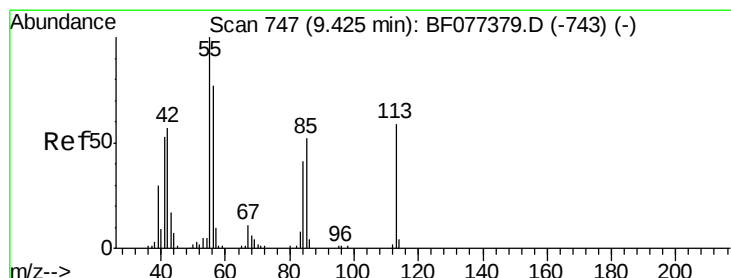
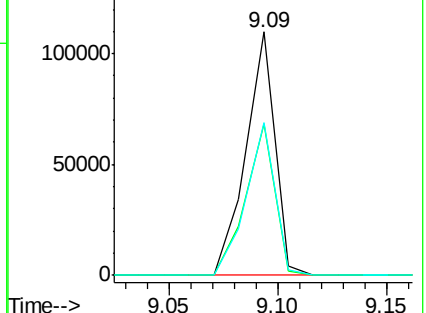
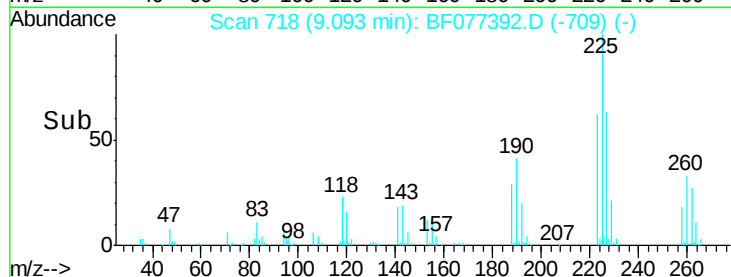
227 62.9 50.5 75.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 36.74 ng

RT: 9.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

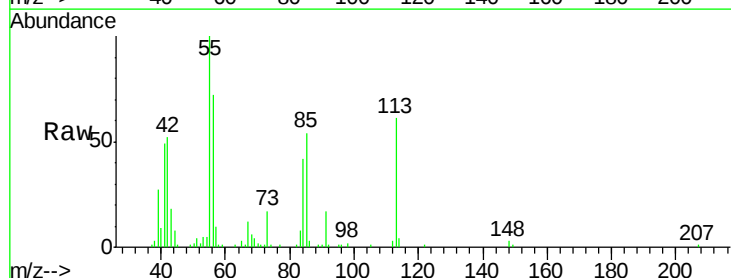
Tgt Ion: 113 Resp: 52454

Ion Ratio Lower Upper

113 100

55 164.2 154.6 194.6

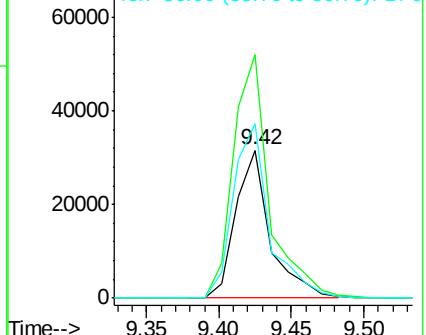
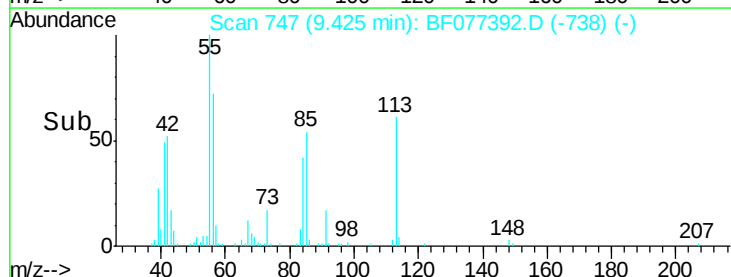
56 117.6 114.0 154.0

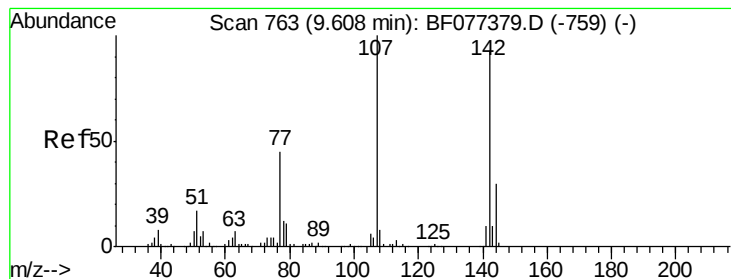


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 37.20 ng

RT: 9.61 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

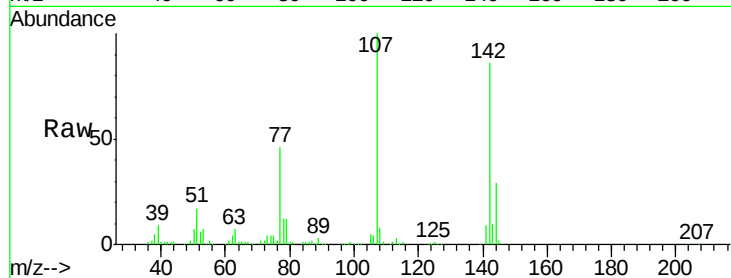
Tgt Ion:107 Resp: 174879

Ion Ratio Lower Upper

107 100

144 28.6 21.1 31.7

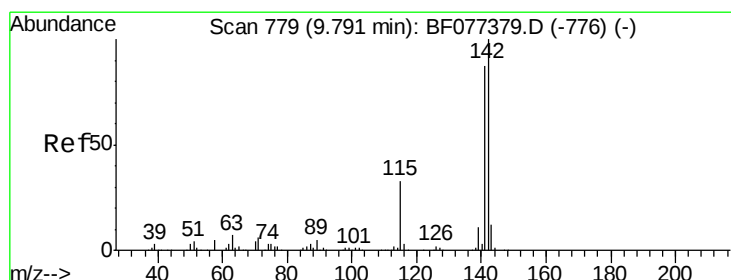
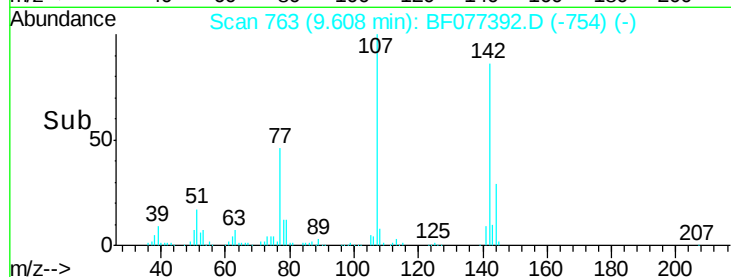
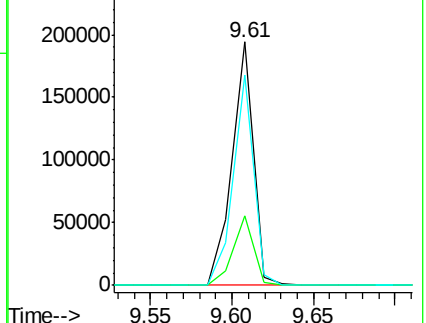
142 86.3 65.3 97.9



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: 33.81 ng

RT: 9.79 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

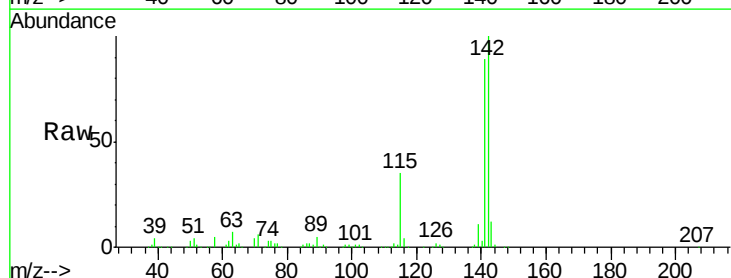
Tgt Ion:142 Resp: 385521

Ion Ratio Lower Upper

142 100

141 88.9 70.7 106.1

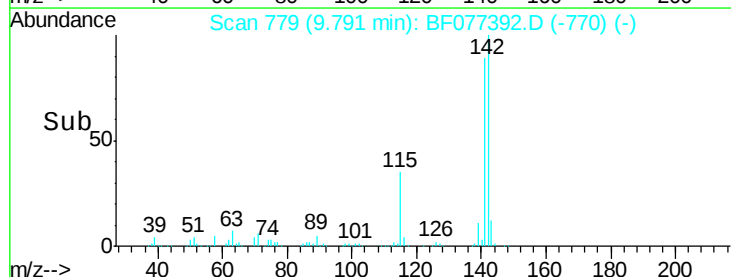
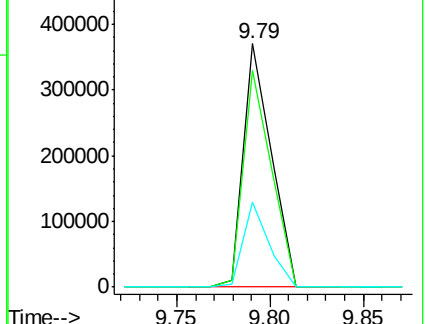
115 34.6 24.2 36.4

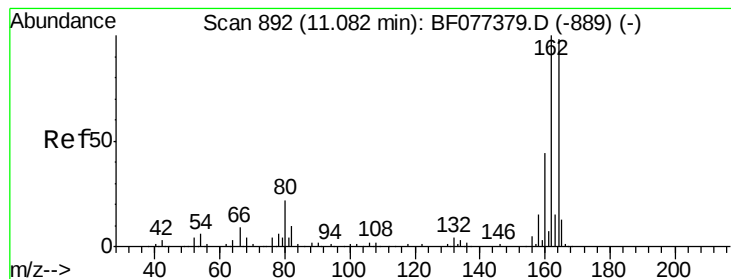


Abundance Ion 142.00 (141.70 to 142.70): E

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: 11.08 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

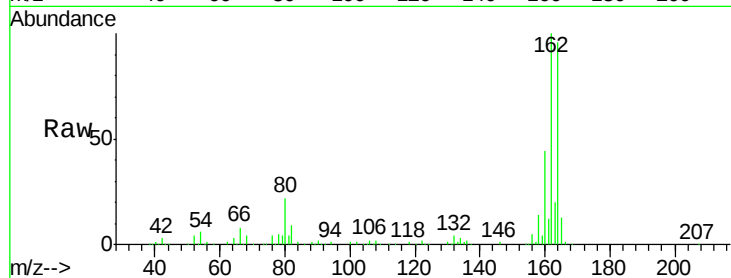
Tgt Ion:164 Resp: 170848

Ion Ratio Lower Upper

164 100

162 104.6 83.2 124.8

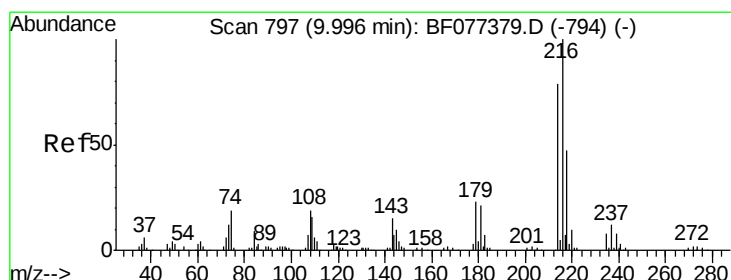
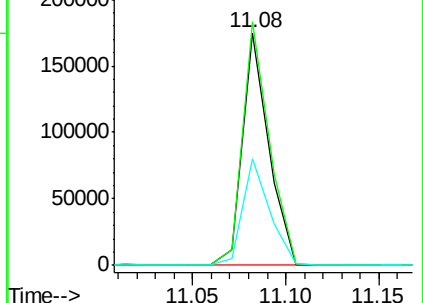
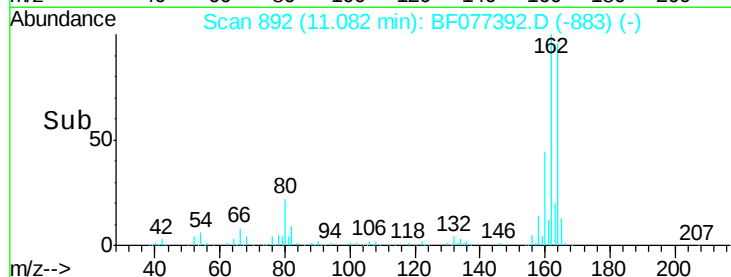
160 46.0 34.6 52.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.59 ng

RT: 10.00 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Tgt Ion:216 Resp: 179367

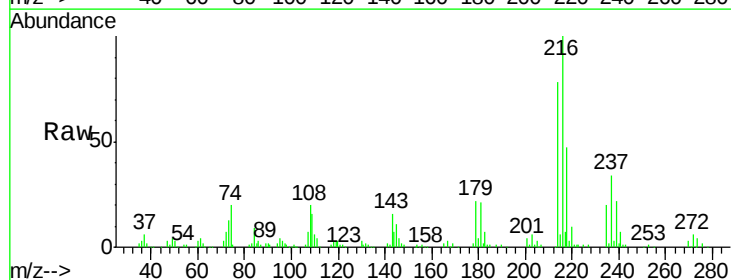
Ion Ratio Lower Upper

216 100

214 77.5 63.4 95.0

179 20.8 16.6 25.0

108 20.3 14.2 21.4

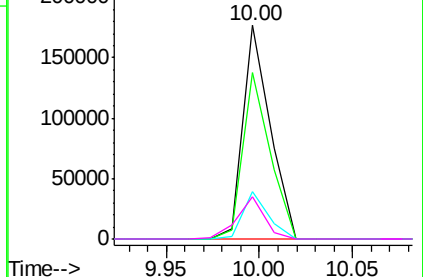
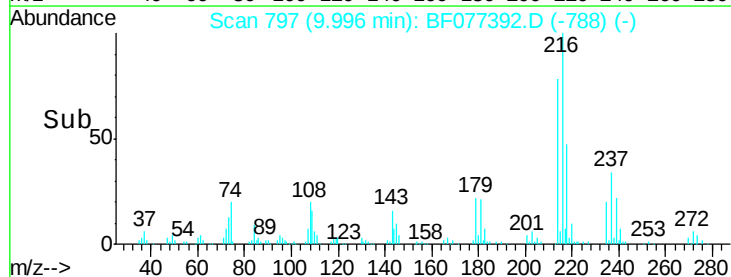


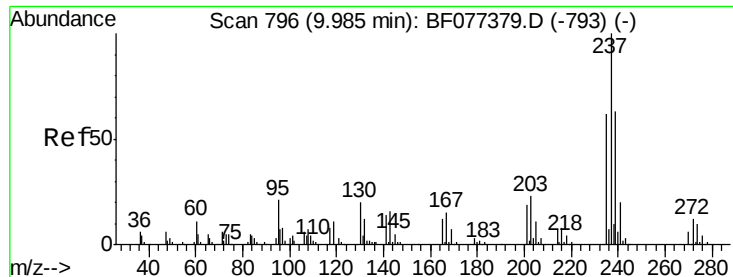
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

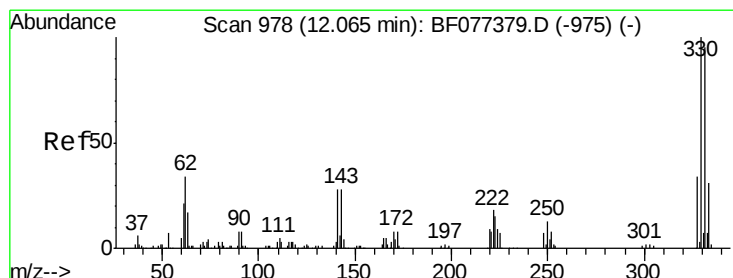
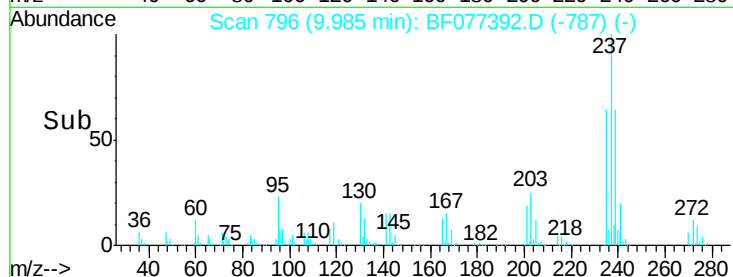
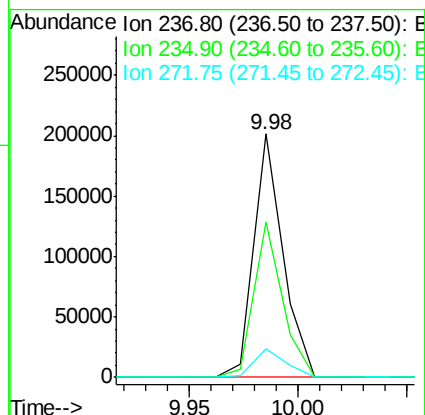
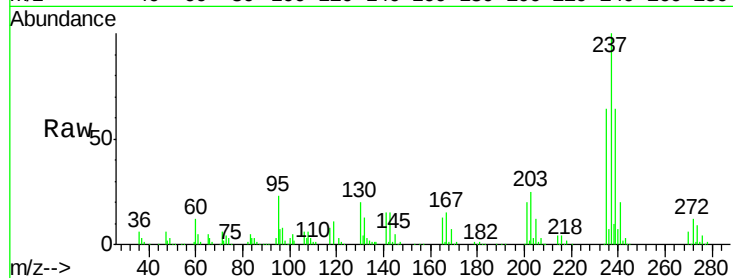




#40
Hexachlorocyclopentadiene
Concen: 71.18 ng
RT: 9.98 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

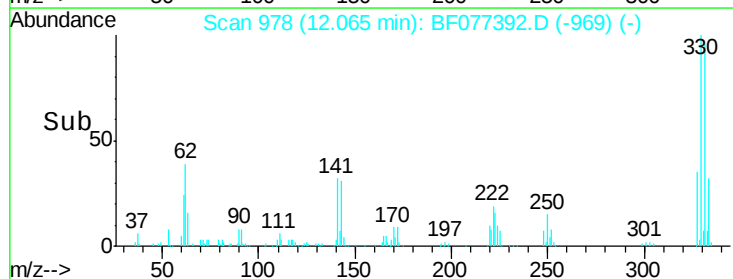
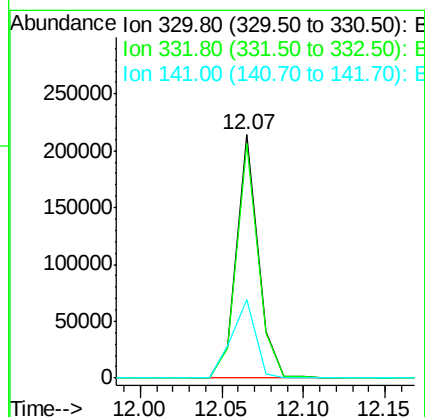
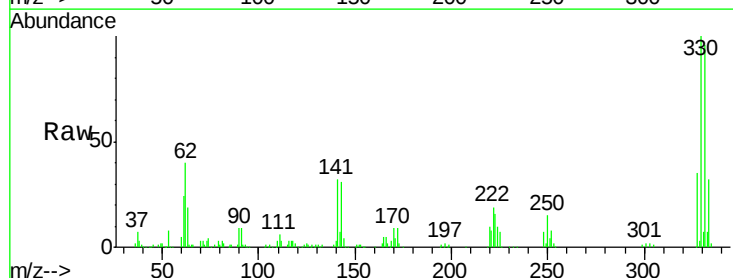
Instrument :
BNA_F
ClientSampleId :
PB81820BS

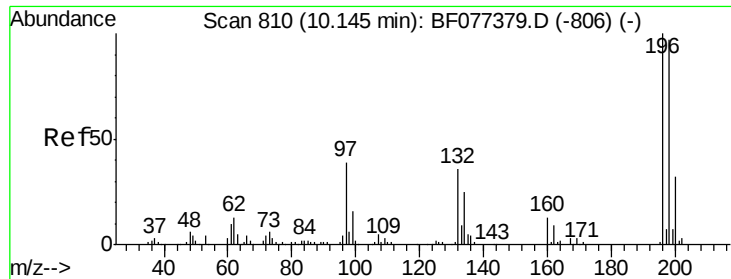
Tgt Ion:237 Resp: 187105
Ion Ratio Lower Upper
237 100
235 63.6 41.0 81.0
272 11.8 0.0 34.3



#41
2,4,6-Tribromophenol
Concen: 119.23 ng
RT: 12.07 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

Tgt Ion:330 Resp: 196136
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 36.2 28.8 43.2

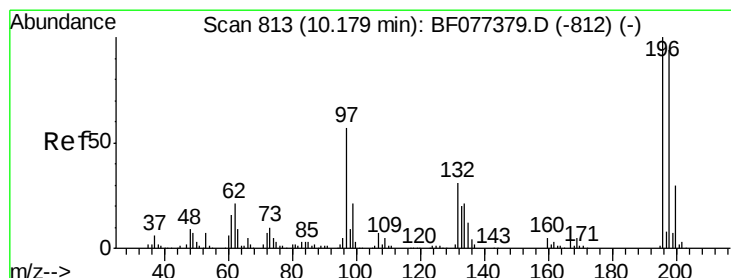
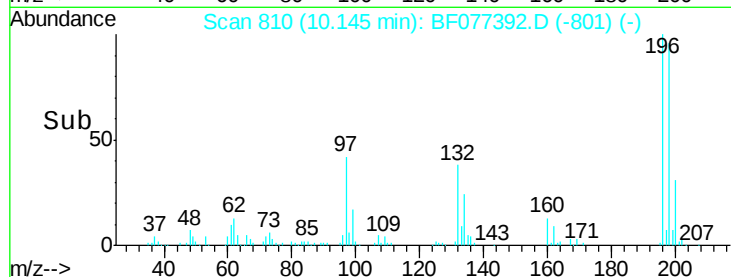
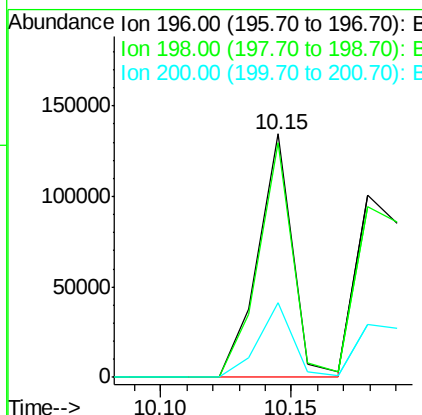
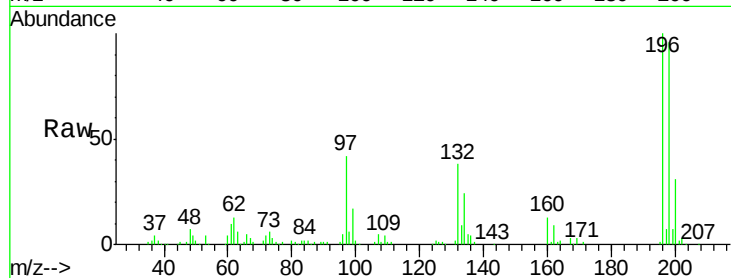




#42
 2,4,6-Trichlorophenol
 Concen: 38.62 ng
 RT: 10.15 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

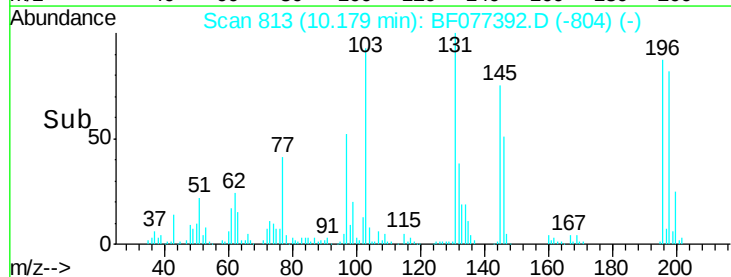
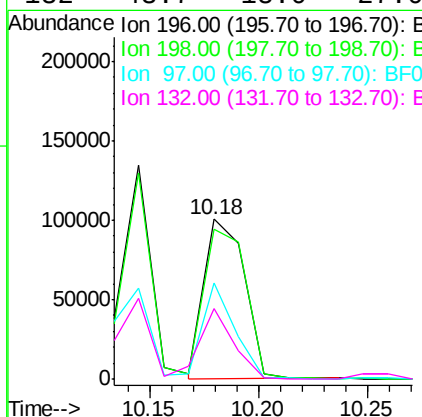
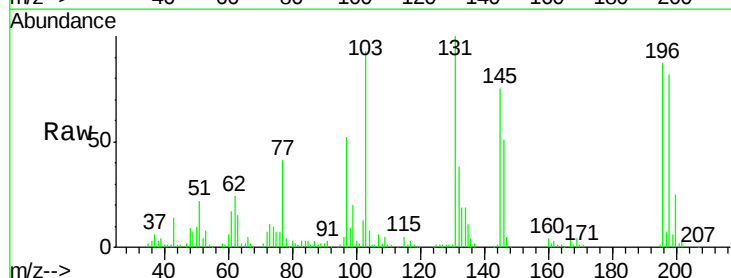
Instrument :
 BNA_F
 ClientSampleId :
 PB81820BS

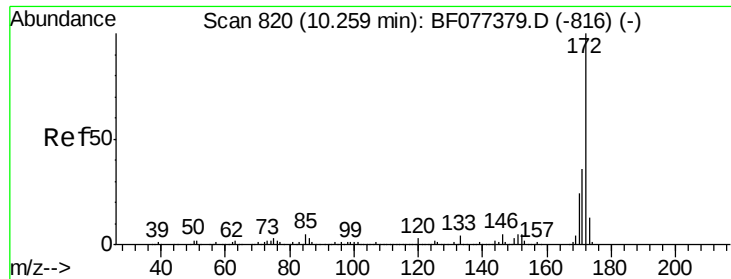
Tgt Ion:196 Resp: 125373
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.8 113.8
 200 30.6 24.2 36.4



#43
 2,4,5-Trichlorophenol
 Concen: 37.46 ng
 RT: 10.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

Tgt Ion:196 Resp: 130044
 Ion Ratio Lower Upper
 196 100
 198 93.8 77.2 115.8
 97 60.0 27.7 41.5#
 132 43.7 18.0 27.0#

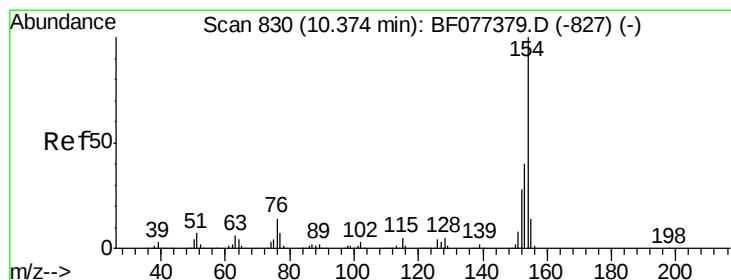
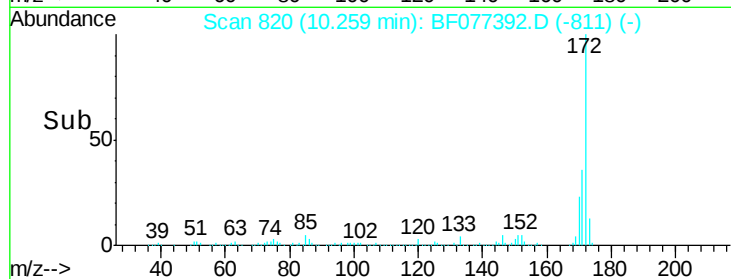
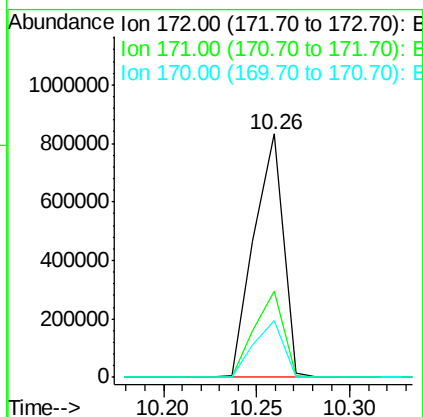
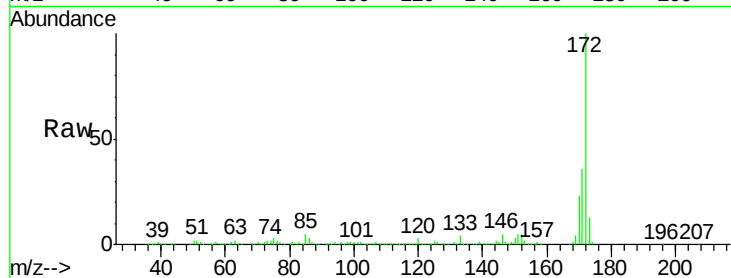




#44
 2-Fluorobiphenyl
 Concen: 82.58 ng
 RT: 10.26 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

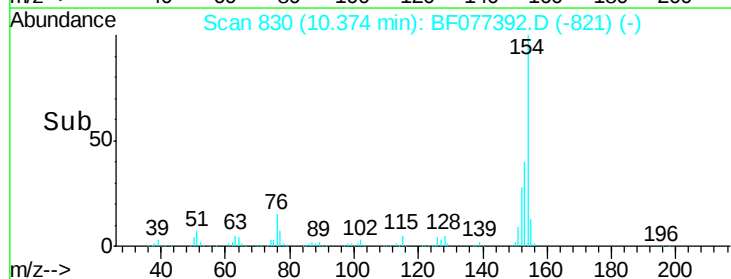
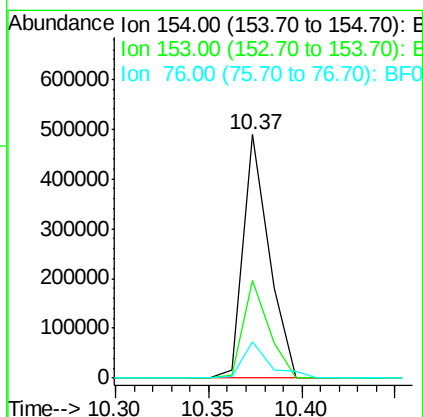
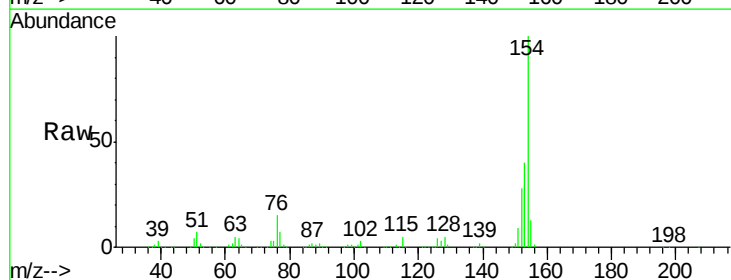
Instrument :
 BNA_F
 ClientSampled :
 PB81820BS

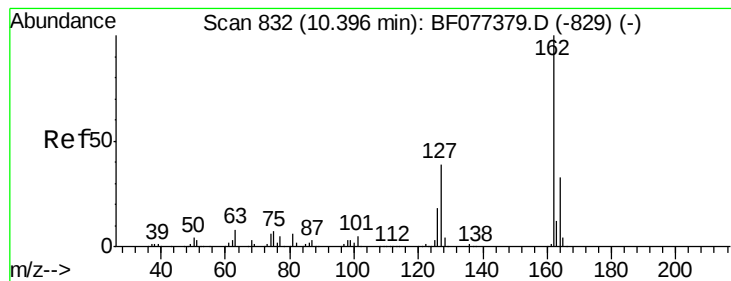
Tgt Ion:172 Resp: 904816
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.4 19.4 29.2



#45
 1,1'-Biphenyl
 Concen: 36.38 ng
 RT: 10.37 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

Tgt Ion:154 Resp: 470914
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.2 60.2
 76 14.6 0.0 29.4





#46

2-Chloronaphthalene

Concen: 38.03 ng

RT: 10.40 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

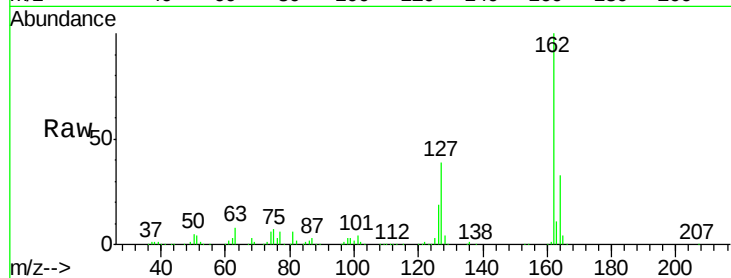
Tgt Ion: 162 Resp: 386036

Ion Ratio Lower Upper

162 100

127 39.5 33.3 49.9

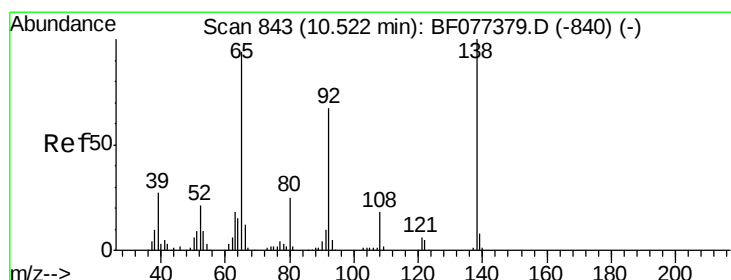
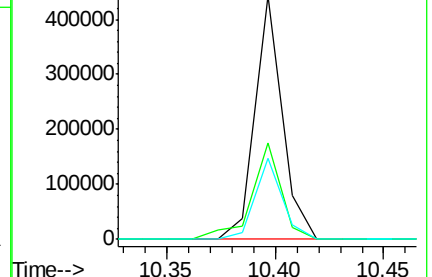
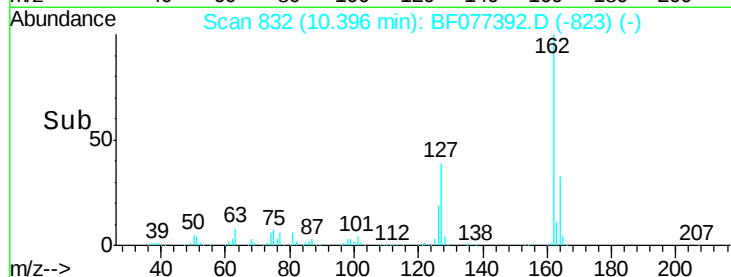
164 33.5 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 41.47 ng

RT: 10.52 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

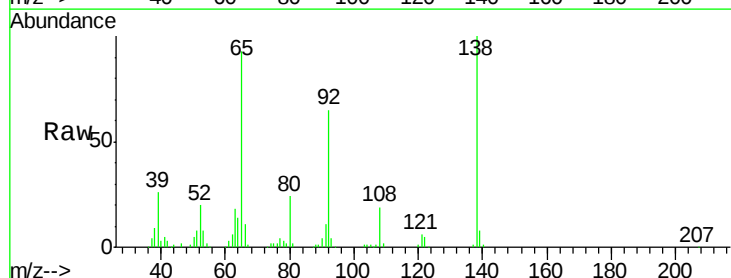
Tgt Ion: 65 Resp: 103629

Ion Ratio Lower Upper

65 100

92 70.1 52.4 78.6

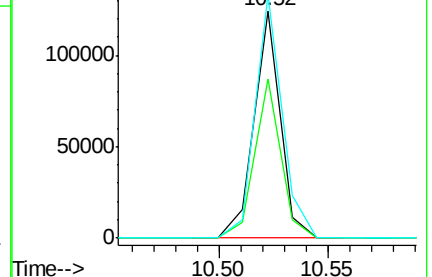
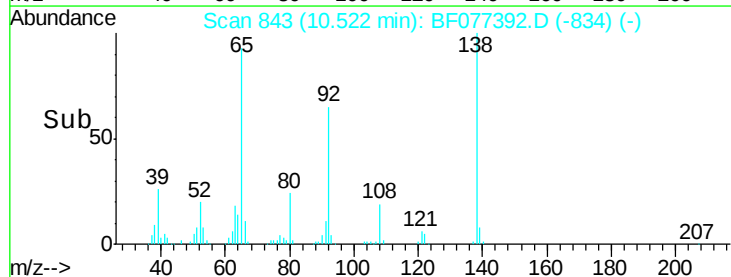
138 107.2 73.4 110.0

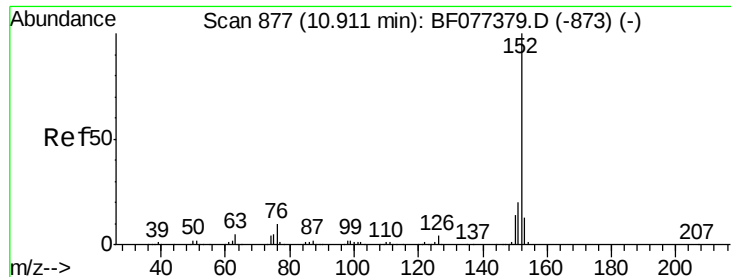


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 39.05 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

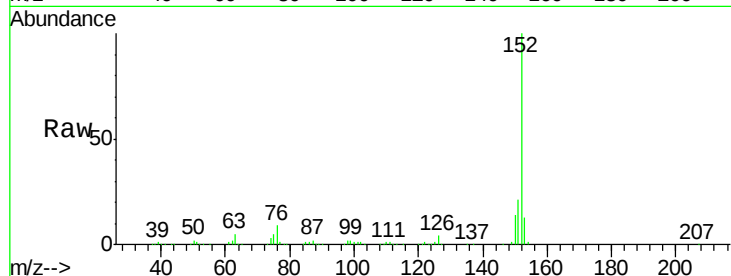
Tgt Ion:152 Resp: 627511

Ion Ratio Lower Upper

152 100

151 20.7 16.1 24.1

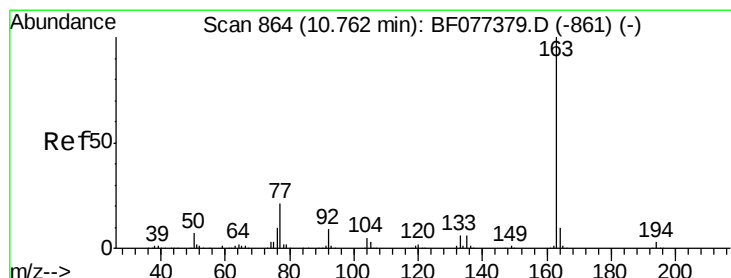
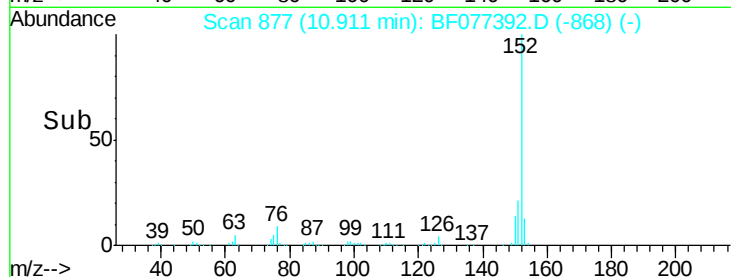
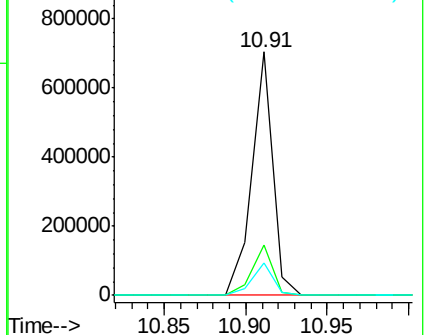
153 13.3 10.9 16.3



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: 39.45 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

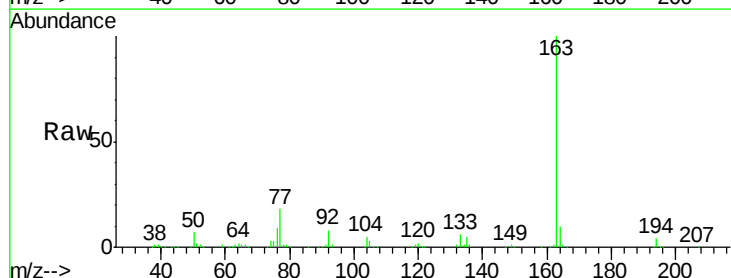
Tgt Ion:163 Resp: 473761

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

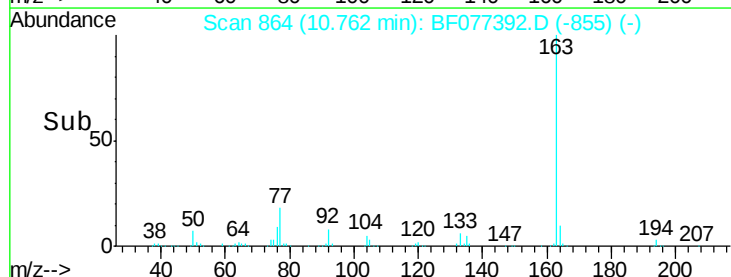
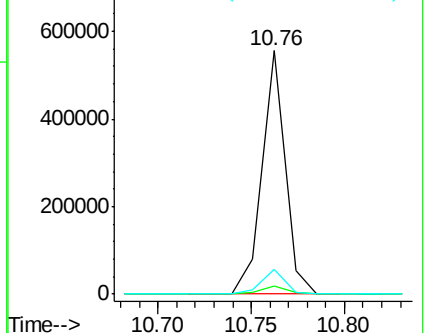
164 10.0 8.6 13.0

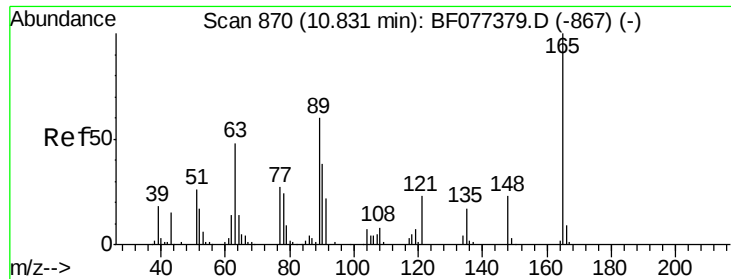


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

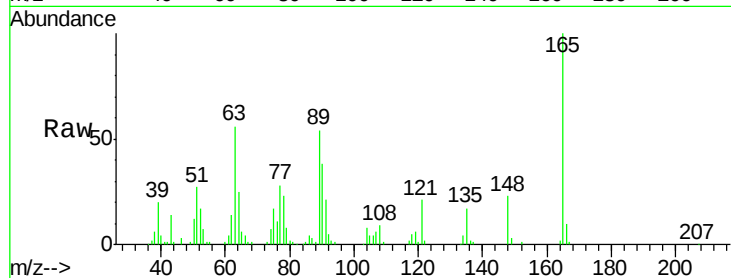




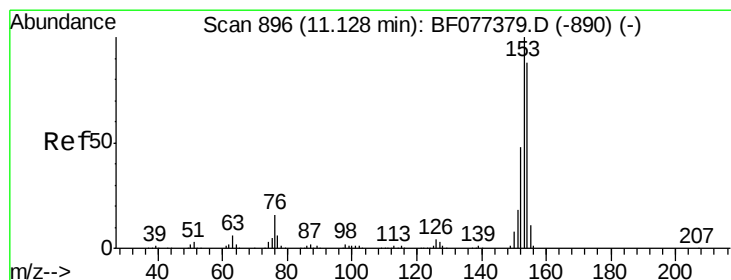
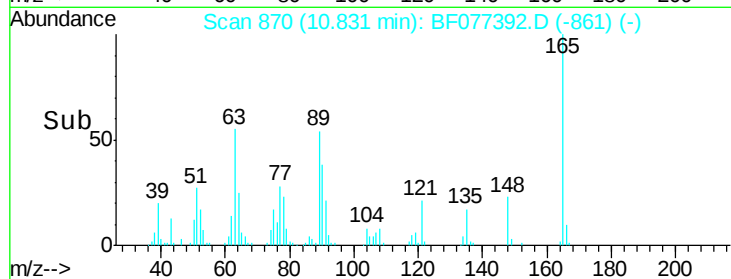
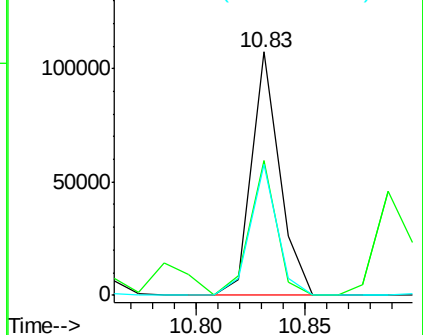
#50
2,6-Dinitrotoluene
Concen: 40.03 ng
RT: 10.83 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

Instrument :
BNA_F
ClientSampleId :
PB81820BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.6	25.2	37.8#
89	53.7	30.5	45.7#

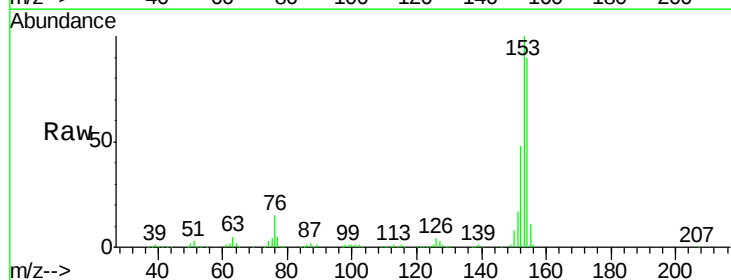


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

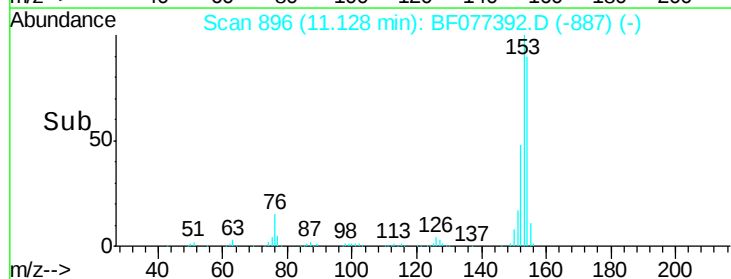
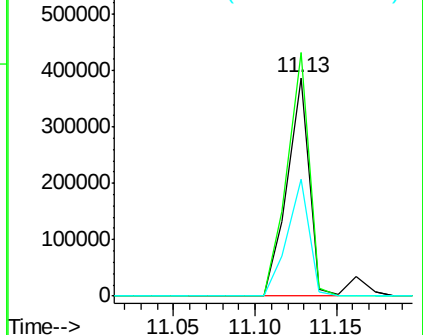


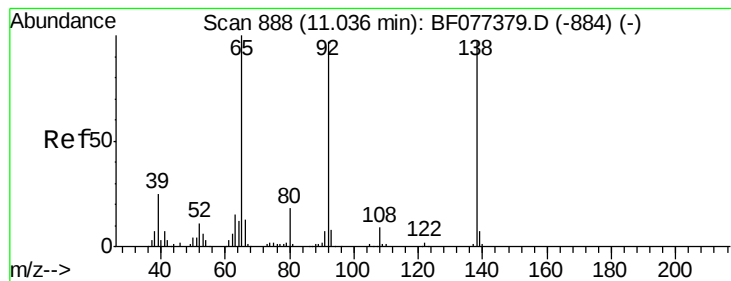
#51
Acenaphthene
Concen: 38.38 ng
RT: 11.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	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: 27.27 ng

RT: 11.04 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

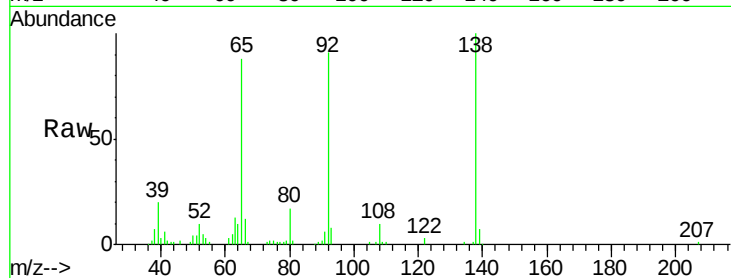
Tgt Ion:138 Resp: 75721

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.8

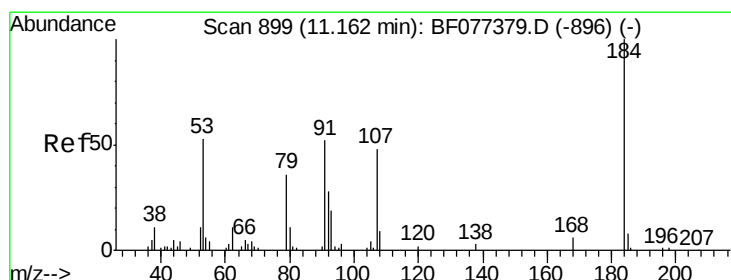
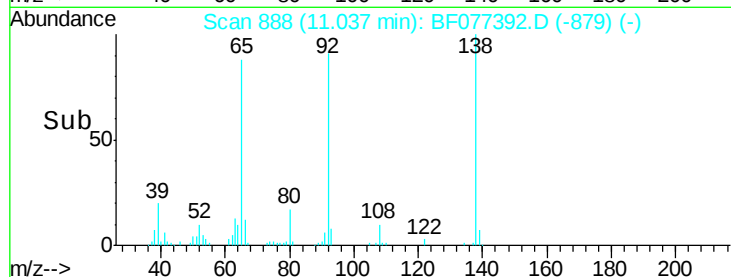
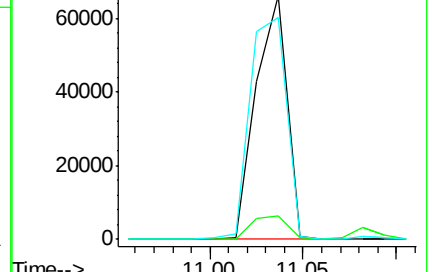
92 91.2 90.6 135.8



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: 70.05 ng

RT: 11.16 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

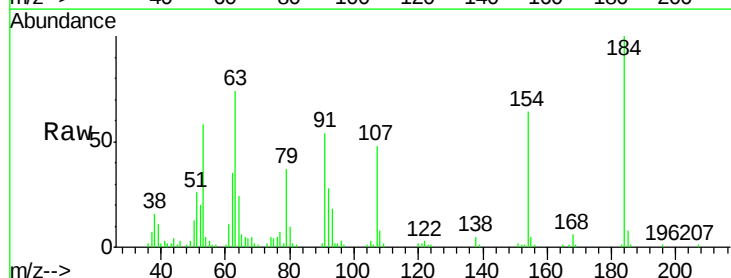
Tgt Ion:184 Resp: 51333

Ion Ratio Lower Upper

184 100

63 73.9 29.5 44.3#

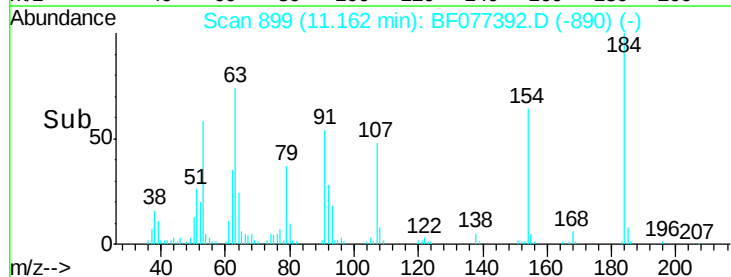
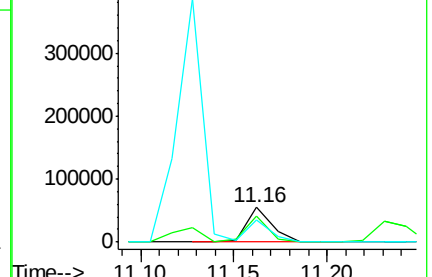
154 64.1 43.2 64.8

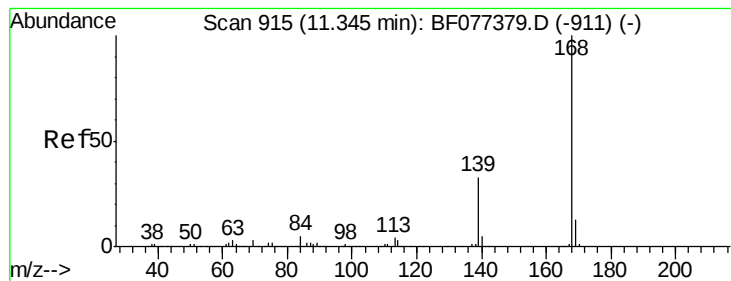


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 38.93 ng

RT: 11.35 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

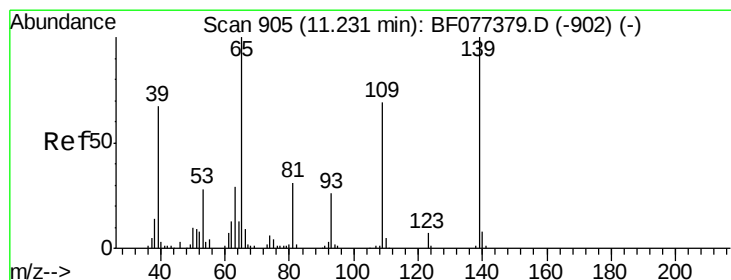
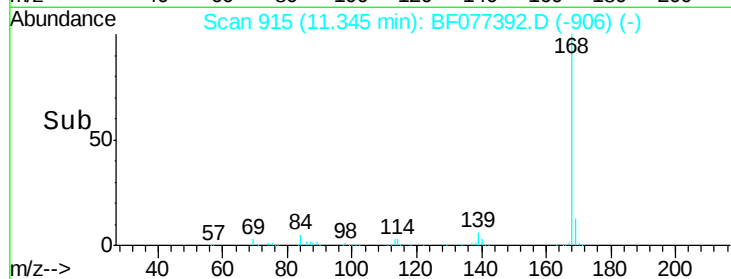
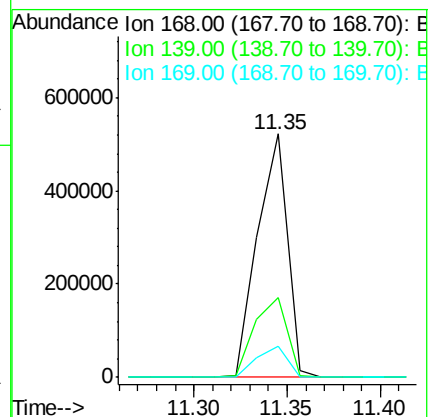
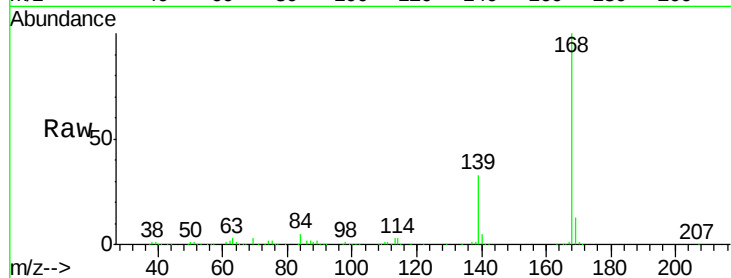
Tgt Ion:168 Resp: 576466

Ion Ratio Lower Upper

168 100

139 32.6 29.3 43.9

169 13.0 10.9 16.3



#55

4-Nitrophenol

Concen: 78.24 ng

RT: 11.24 min Scan# 906

Delta R.T. 0.01 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

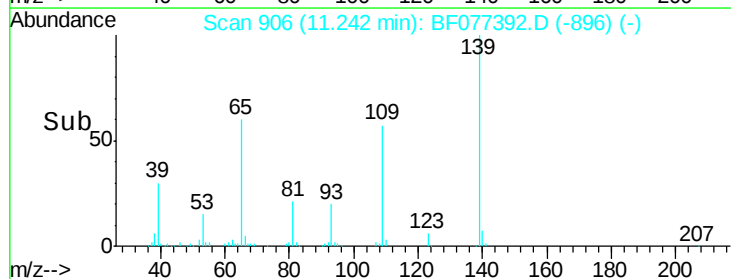
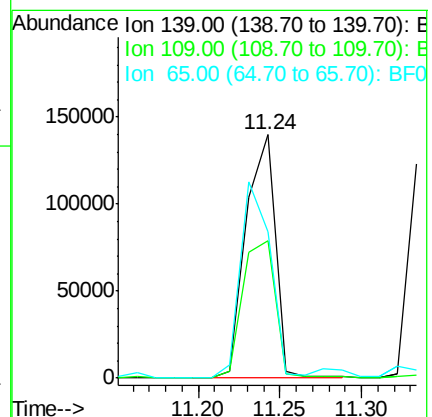
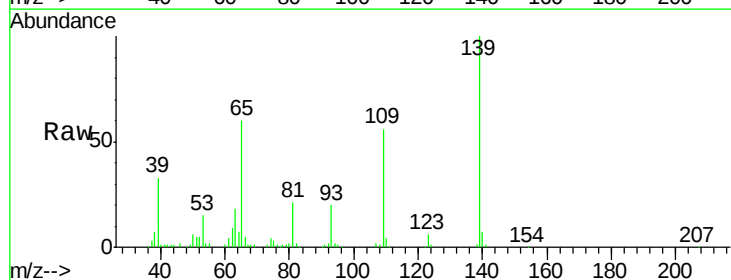
Tgt Ion:139 Resp: 174749

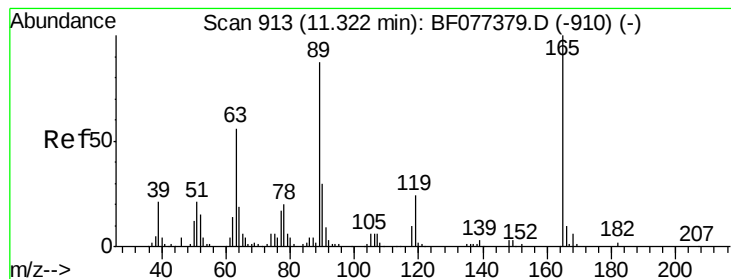
Ion Ratio Lower Upper

139 100

109 56.3 36.2 76.2

65 59.9 40.3 80.3





#56

2,4-Dinitrotoluene

Concen: 40.18 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampled :

PB81820BS

Tgt Ion:165 Resp: 130769

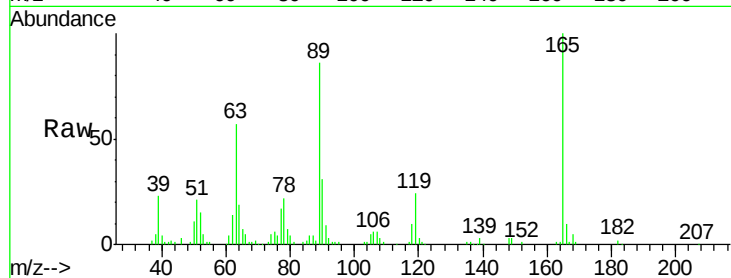
Ion Ratio Lower Upper

165 100

63 57.0 29.8 44.8#

89 85.8 48.5 72.7#

182 2.1 1.9 2.9

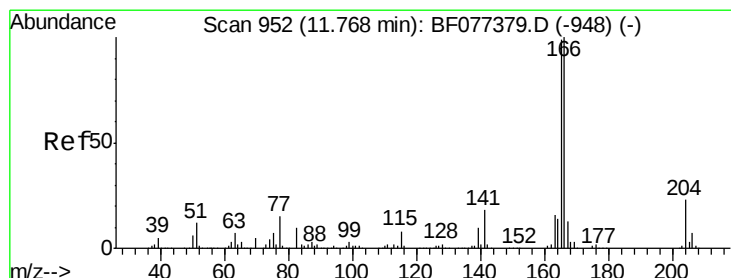
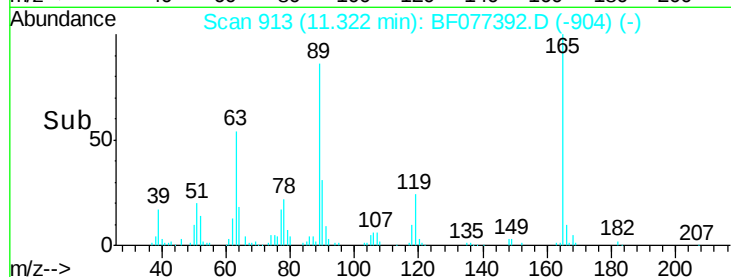
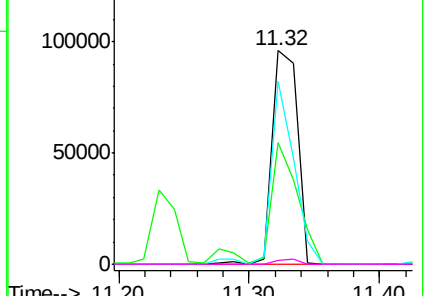


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.13 ng

RT: 11.77 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

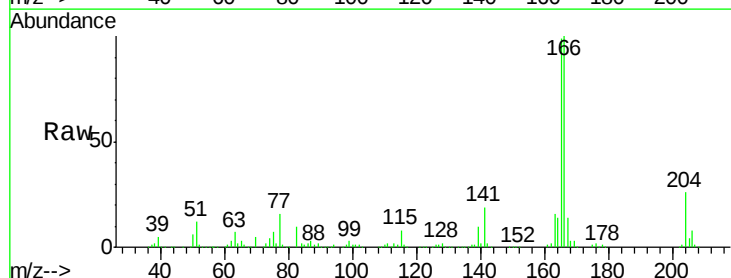
Tgt Ion:166 Resp: 463187

Ion Ratio Lower Upper

166 100

165 99.1 77.6 116.4

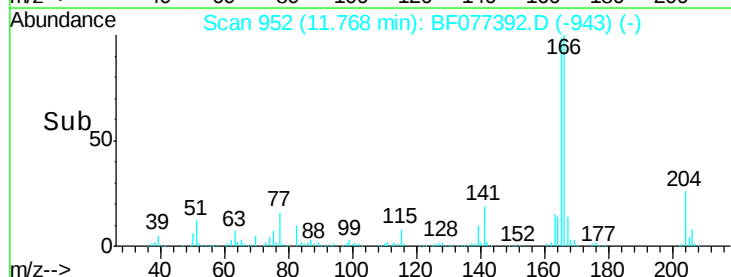
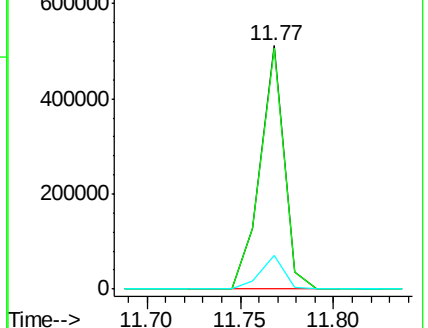
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

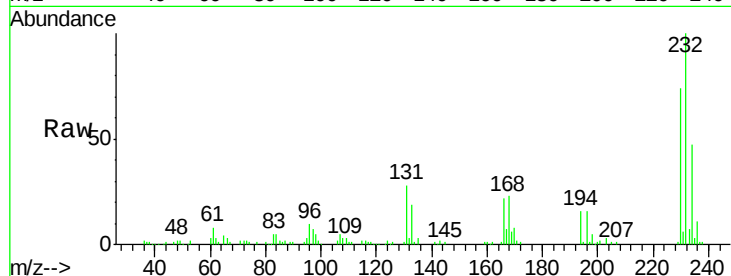




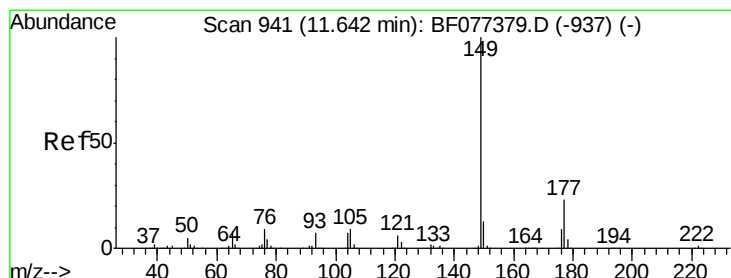
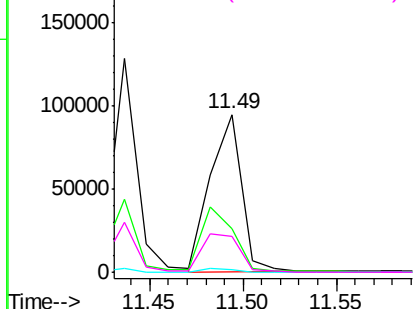
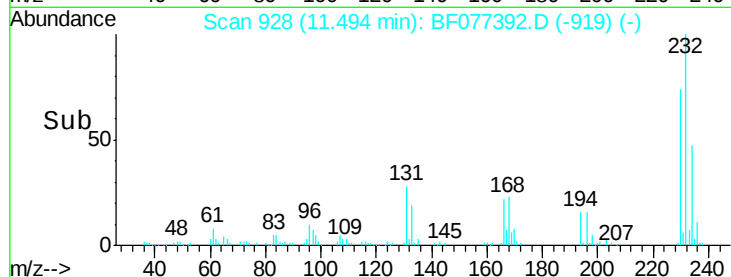
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.88 ng
 RT: 11.49 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB81820BS

Tgt Ion: 232 Resp: 111284
 Ion Ratio Lower Upper
 232 100
 131 42.5 34.2 51.2
 130 1.9 1.8 2.6
 166 29.7 24.3 36.5

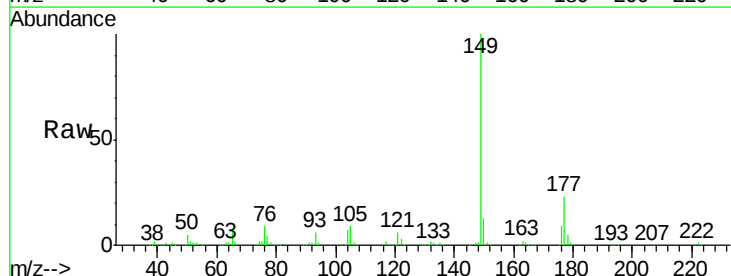


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

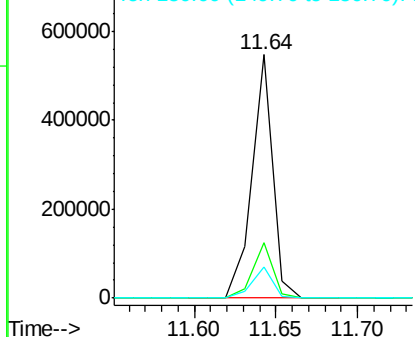
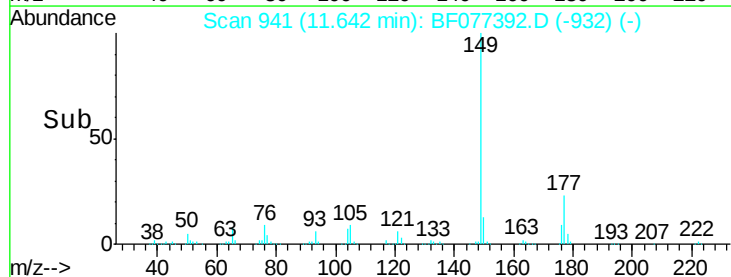


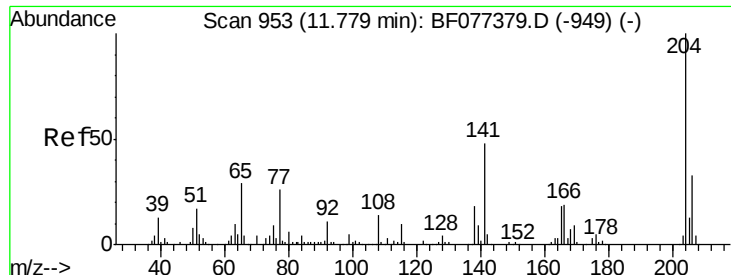
#59
 Diethylphthalate
 Concen: 40.71 ng
 RT: 11.64 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

Tgt Ion: 149 Resp: 481948
 Ion Ratio Lower Upper
 149 100
 177 22.8 17.2 25.8
 150 12.7 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

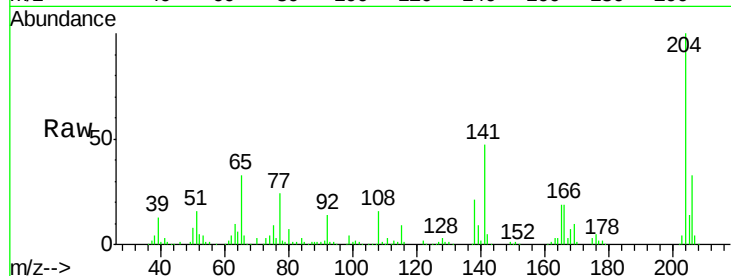




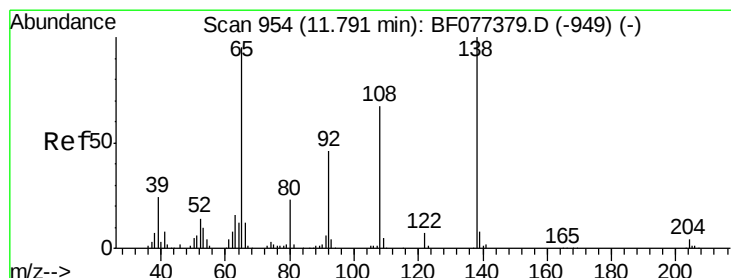
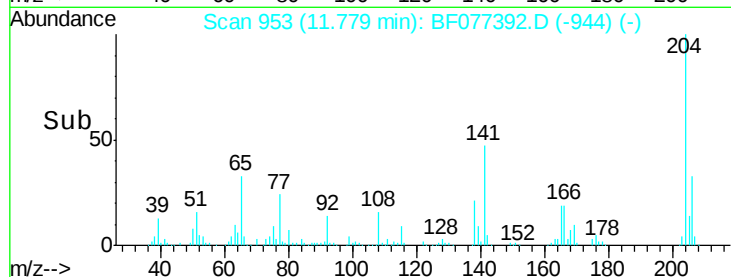
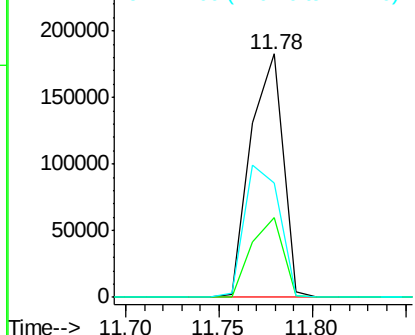
#60
 4-Chlorophenyl-phenylether
 Concen: 38.48 ng
 RT: 11.78 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB81820BS

Tgt Ion: 204 Resp: 219462
 Ion Ratio Lower Upper
 204 100
 206 32.6 25.9 38.9
 141 47.2 43.6 65.4

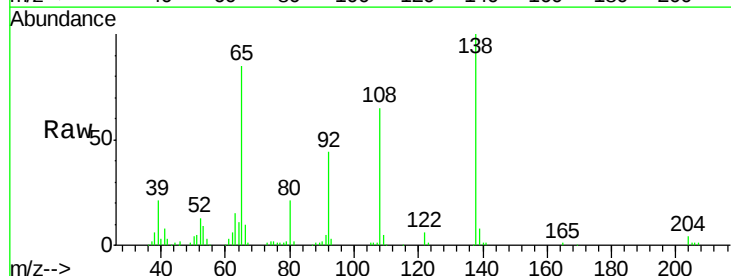


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

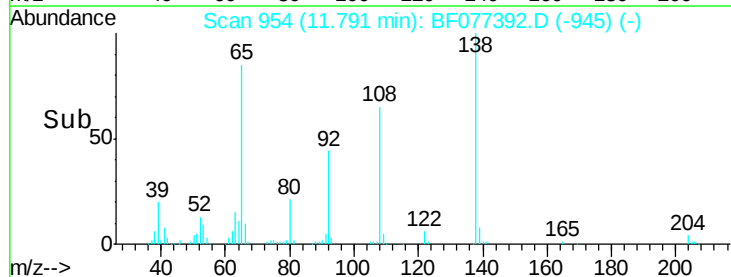
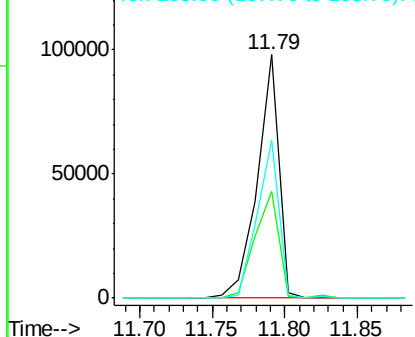


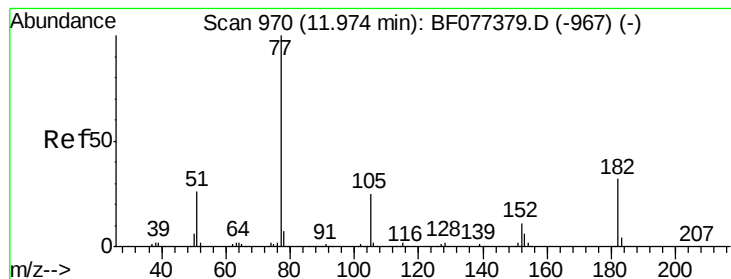
#61
 4-Nitroaniline
 Concen: 38.26 ng
 RT: 11.79 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

Tgt Ion: 138 Resp: 101813
 Ion Ratio Lower Upper
 138 100
 92 44.0 32.8 72.8
 108 64.9 52.1 92.1



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





#62

Azobenzene

Concen: 38.58 ng

RT: 11.97 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

Tgt Ion: 77 Resp: 433354

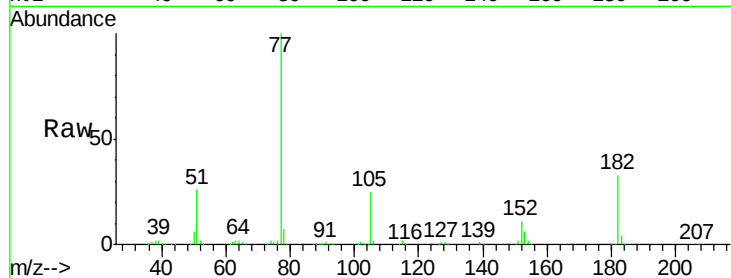
Ion Ratio Lower Upper

77 100

182 32.7 4.9 44.9

105 24.9 3.3 43.3

51 26.2 8.9 48.9

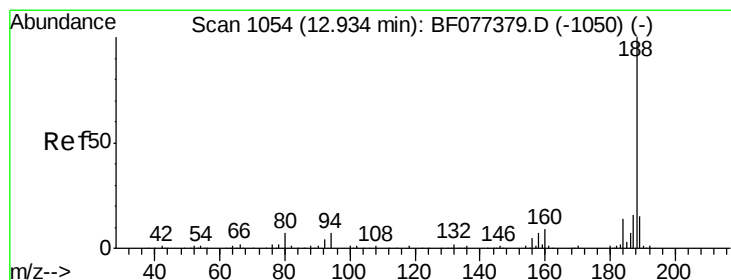
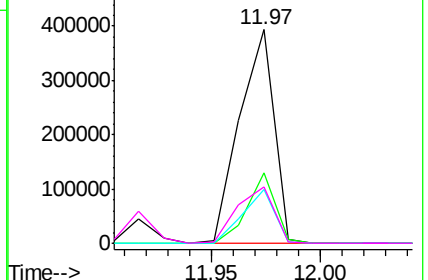
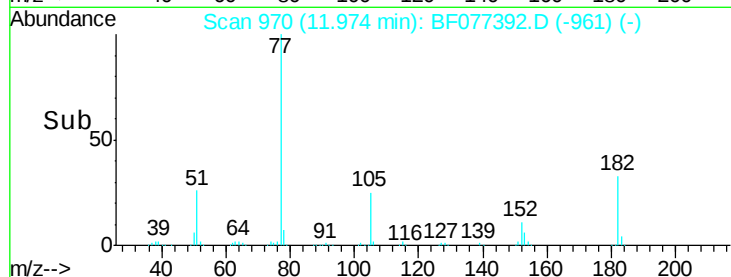


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.93 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

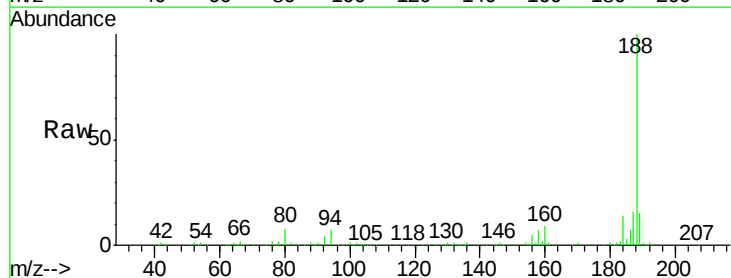
Tgt Ion: 188 Resp: 354956

Ion Ratio Lower Upper

188 100

94 7.5 7.4 11.2

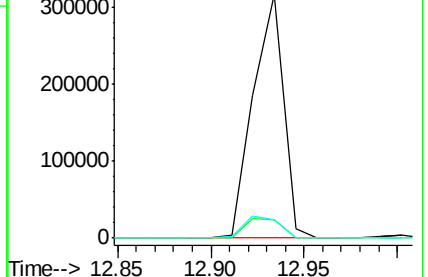
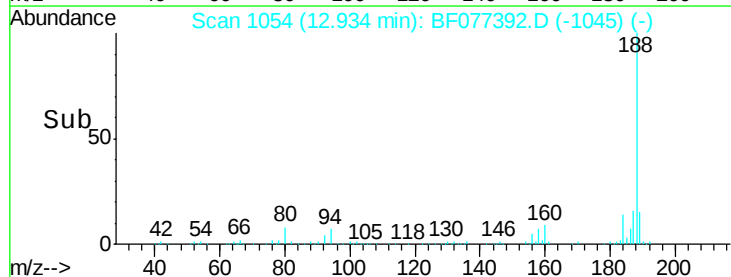
80 7.6 8.0 12.0#

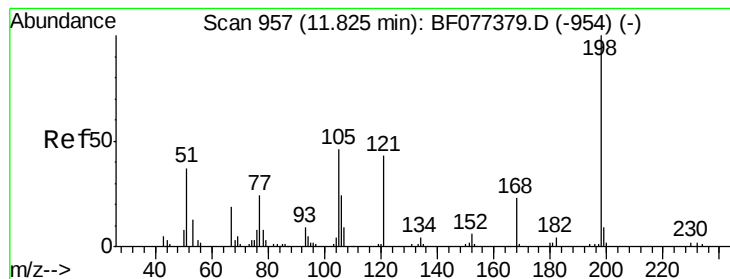


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 29.94 ng

RT: 11.83 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

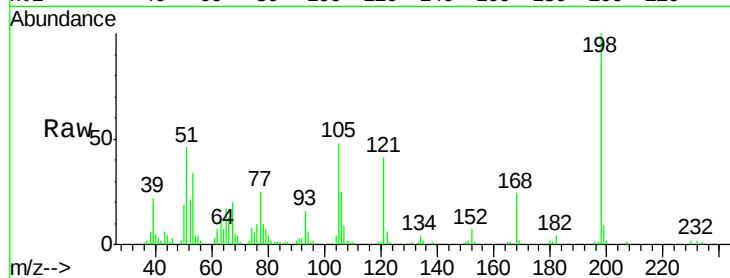
Tgt Ion:198 Resp: 40265

Ion Ratio Lower Upper

198 100

51 46.3 2.7 42.7#

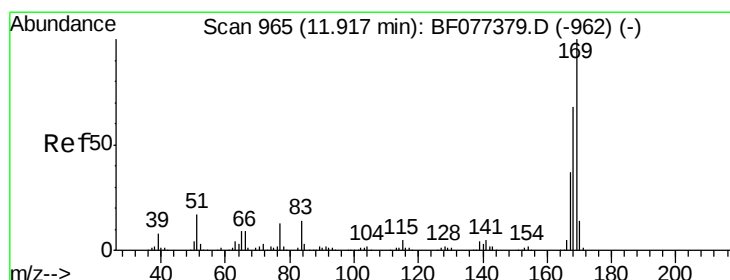
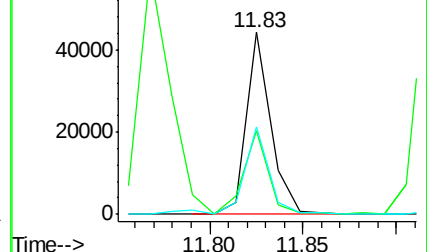
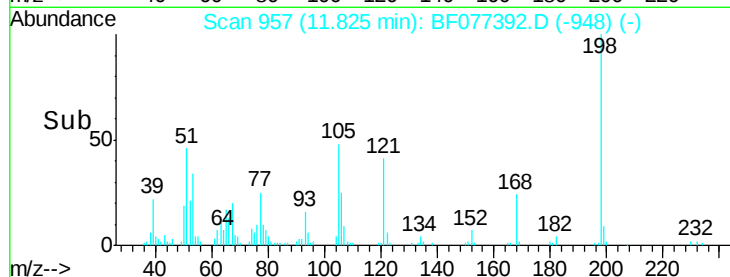
105 47.8 10.0 50.0



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: 33.32 ng

RT: 11.92 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

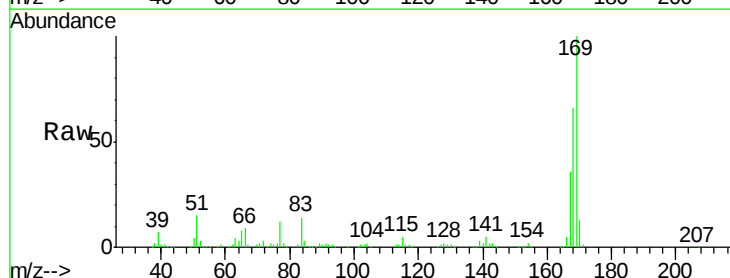
Tgt Ion:169 Resp: 392420

Ion Ratio Lower Upper

169 100

168 66.4 53.0 79.6

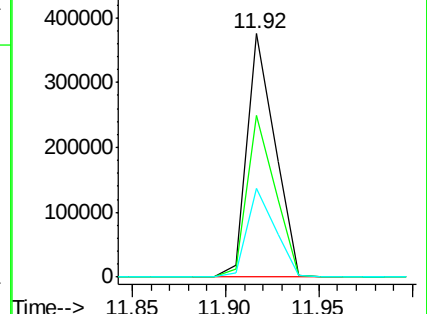
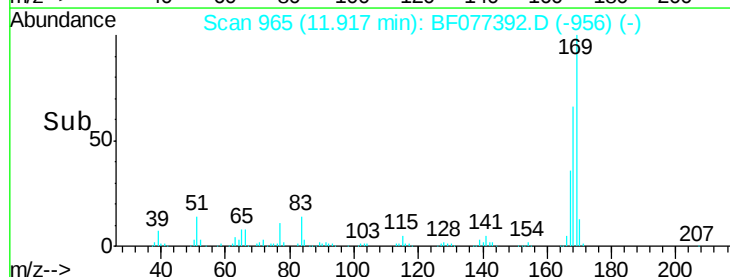
167 36.3 29.5 44.3

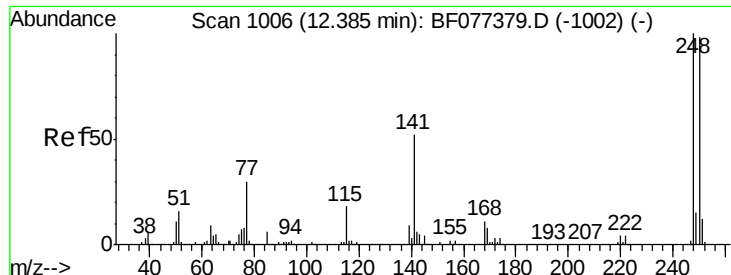


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

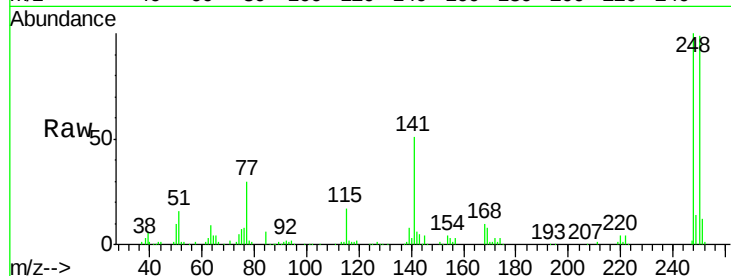




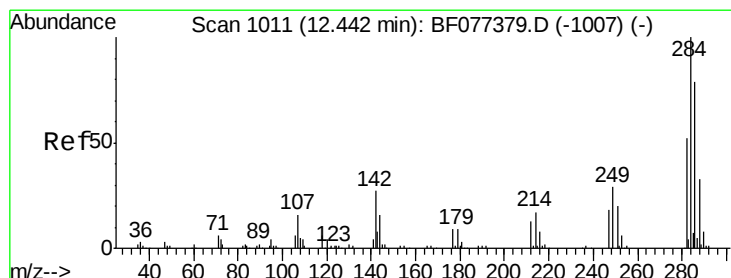
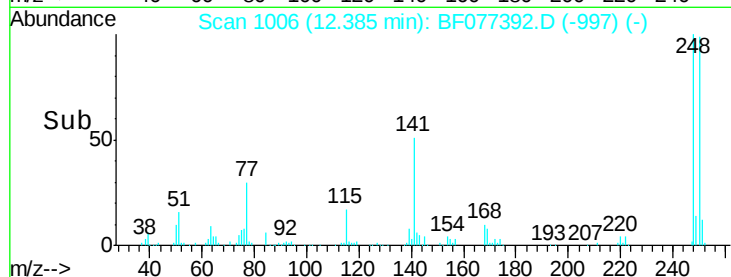
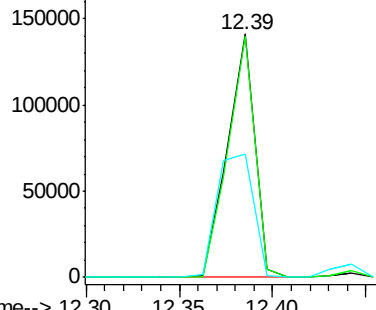
#66
 4-Bromophenyl-phenylether
 Concen: 34.32 ng
 RT: 12.39 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB81820BS

Tgt Ion:248 Resp: 142657
 Ion Ratio Lower Upper
 248 100
 250 99.0 78.0 117.0
 141 50.5 54.1 81.1#

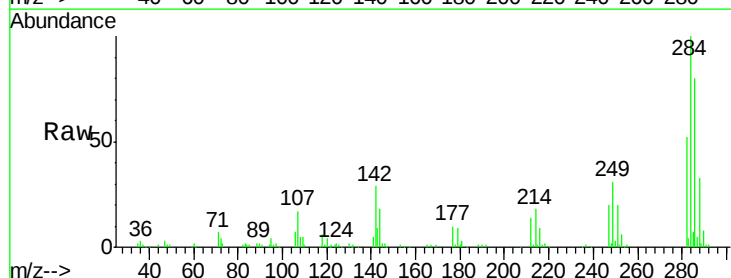


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

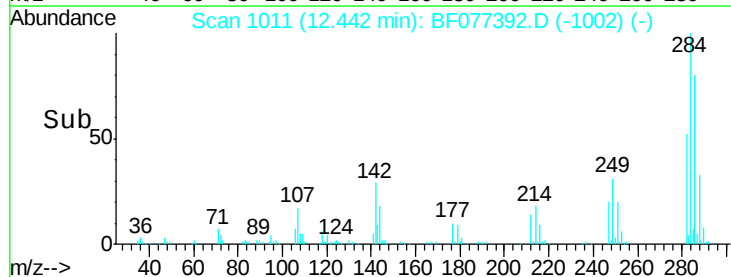
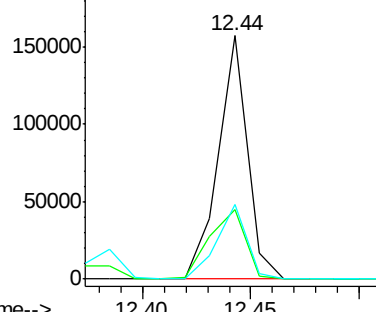


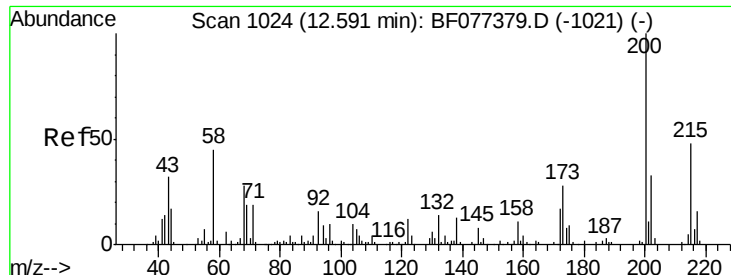
#67
 Hexachlorobenzene
 Concen: 32.72 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

Tgt Ion:284 Resp: 145956
 Ion Ratio Lower Upper
 284 100
 142 28.6 31.6 47.4#
 249 30.6 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

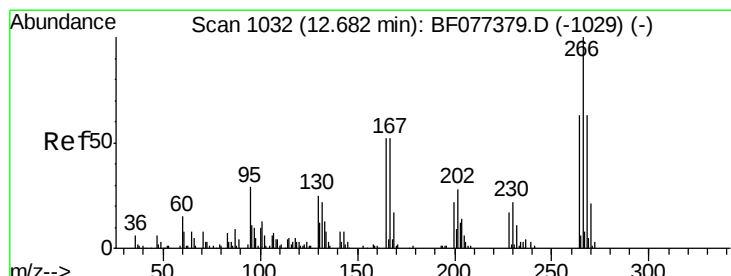
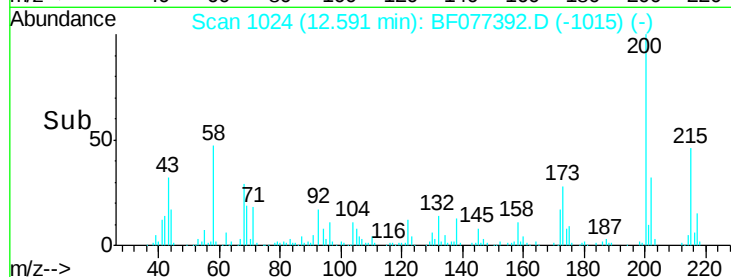
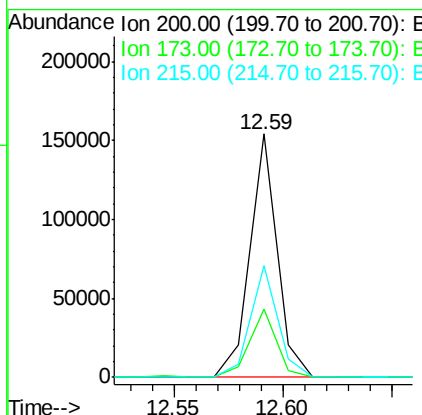
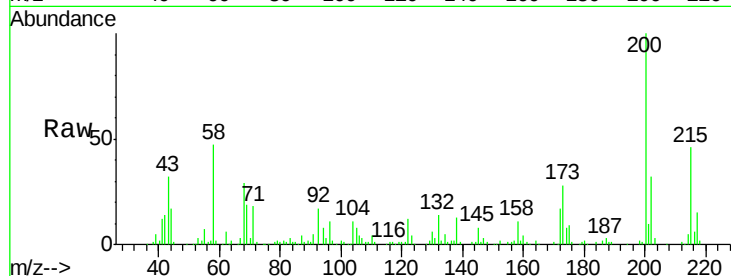




#68
Atrazine
Concen: 35.04 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

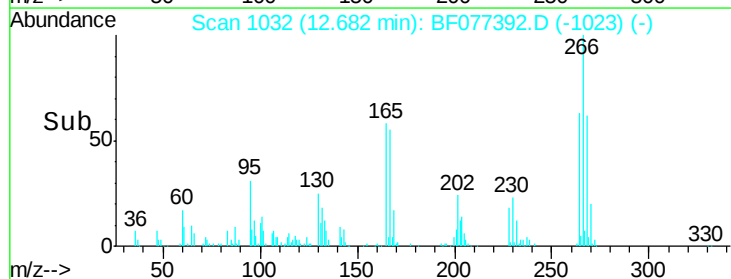
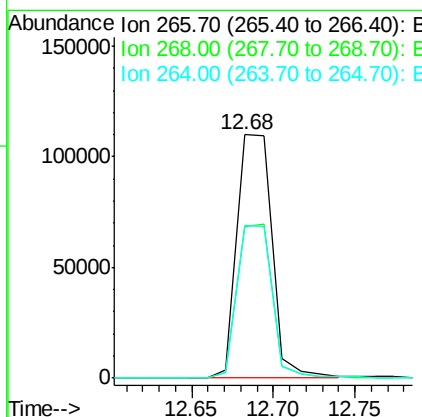
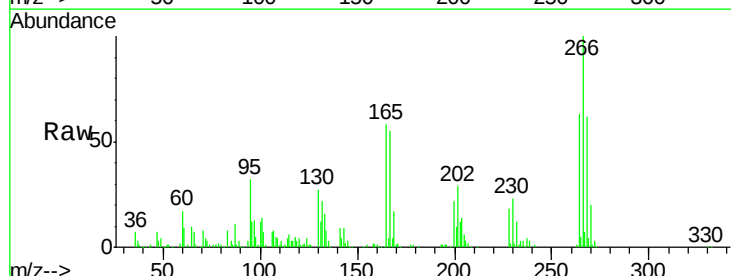
Instrument :
BNA_F
ClientSampleId :
PB81820BS

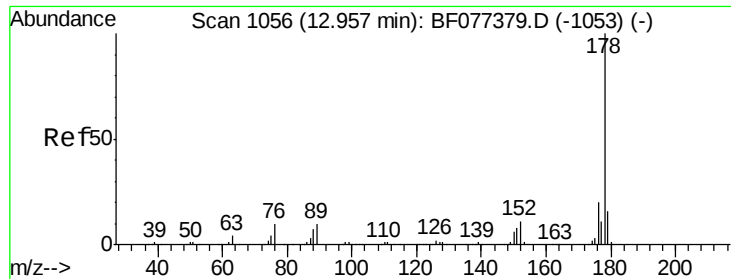
Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.0	9.6	49.6
215	46.0	24.4	64.4



#69
Pentachlorophenol
Concen: 69.55 ng
RT: 12.68 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.2	76.8
264	62.8	50.7	76.1





#70

Phenanthrene

Concen: 33.15 ng

RT: 12.96 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

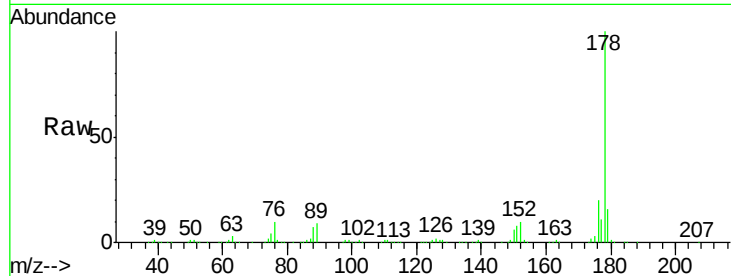
Tgt Ion:178 Resp: 682051

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

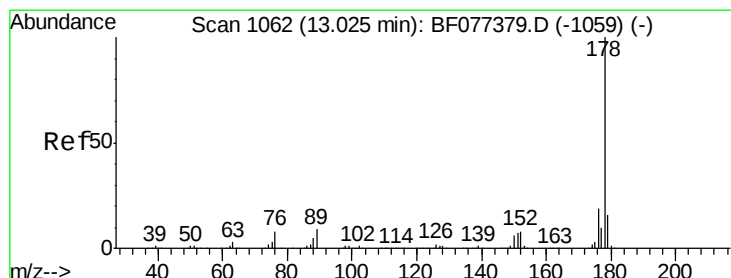
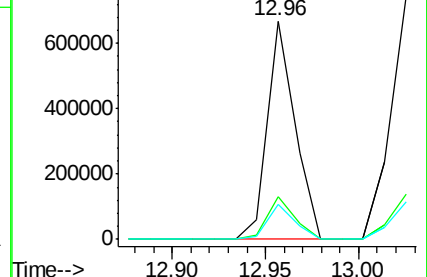
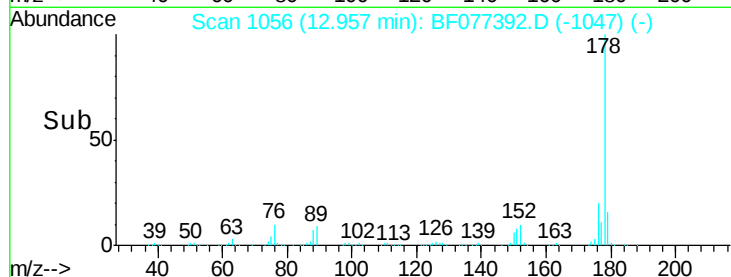
179 16.0 12.2 18.2



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: 35.02 ng

RT: 13.03 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

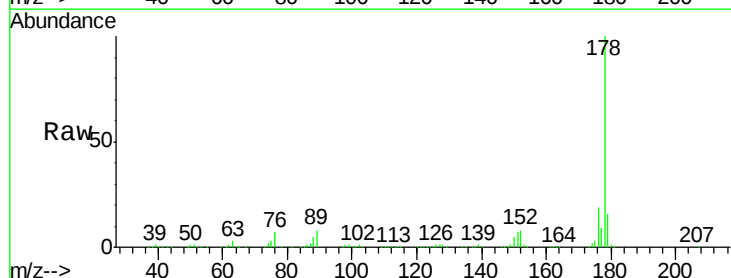
Tgt Ion:178 Resp: 714898

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

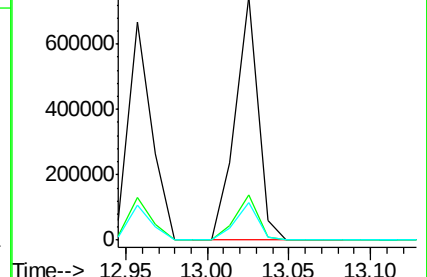
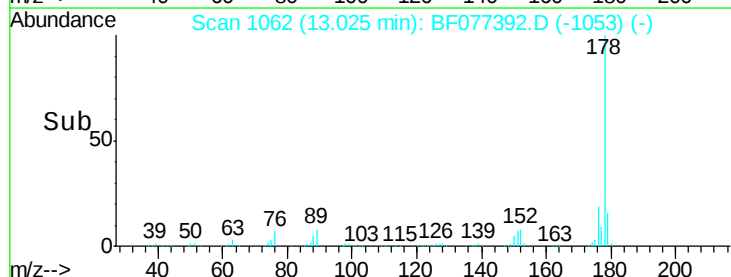
179 15.7 12.9 19.3

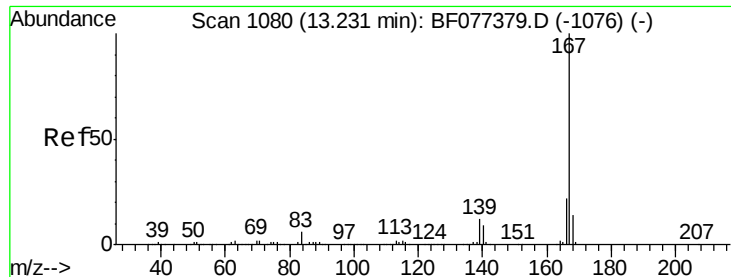


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

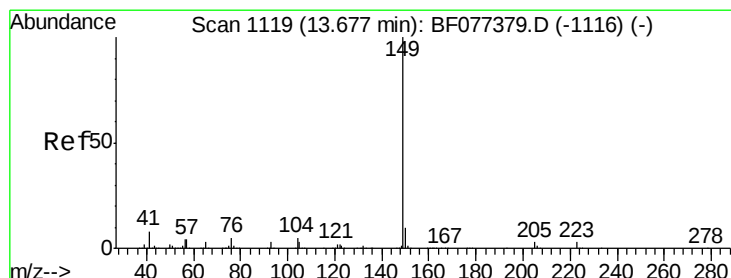
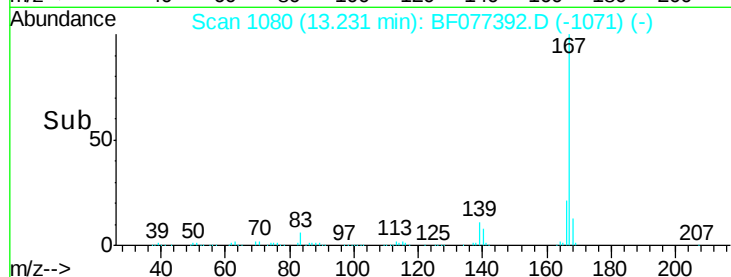
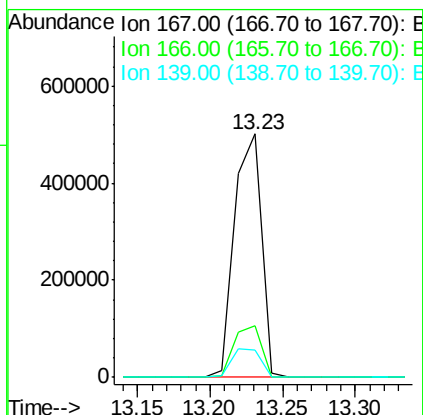
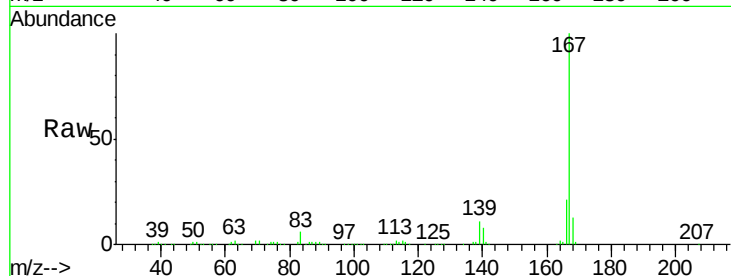




#72
 Carbazole
 Concen: 33.45 ng
 RT: 13.23 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

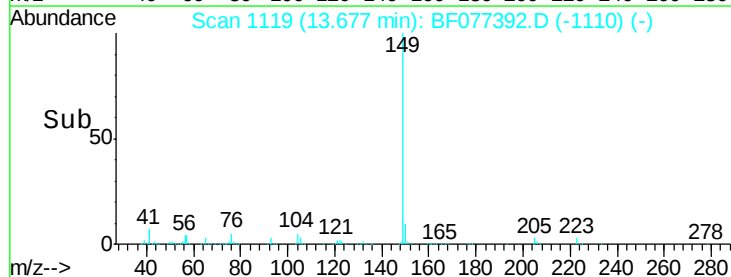
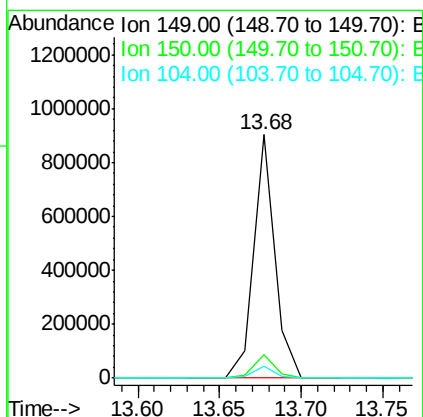
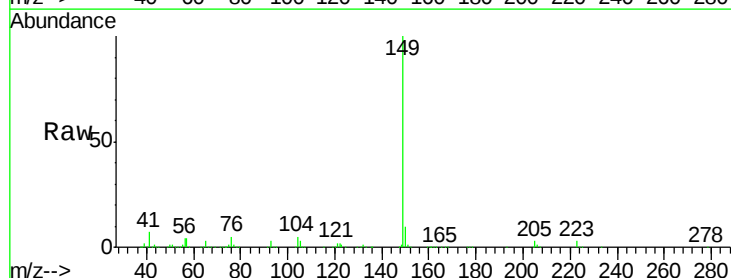
Instrument :
 BNA_F
 ClientSampleId :
 PB81820BS

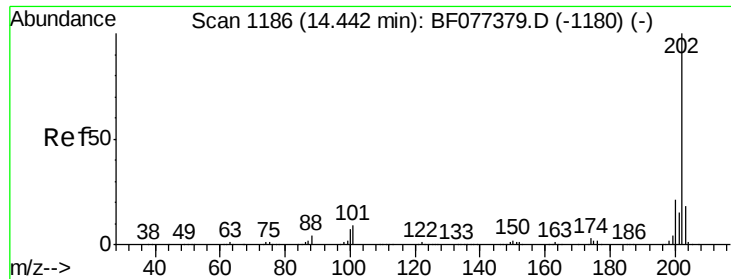
Tgt Ion:167 Resp: 649231
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 11.1 9.9 14.9



#73
 Di-n-butylphthalate
 Concen: 35.59 ng
 RT: 13.68 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

Tgt Ion:149 Resp: 811281
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.8 4.1 6.1

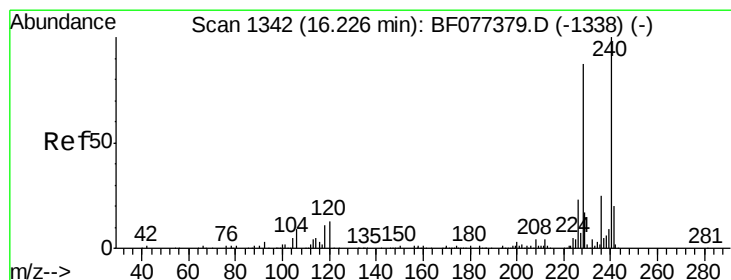
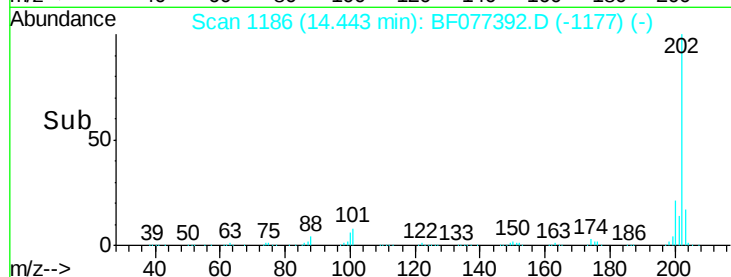
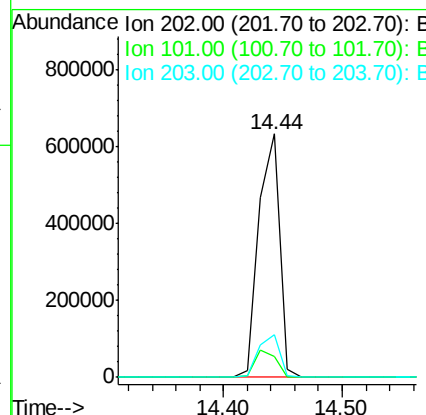
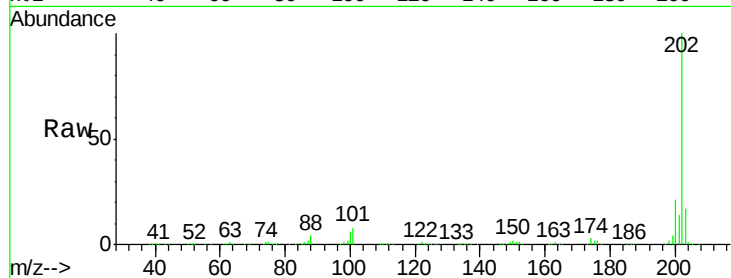




#74
 Fluoranthene
 Concen: 34.95 ng
 RT: 14.44 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

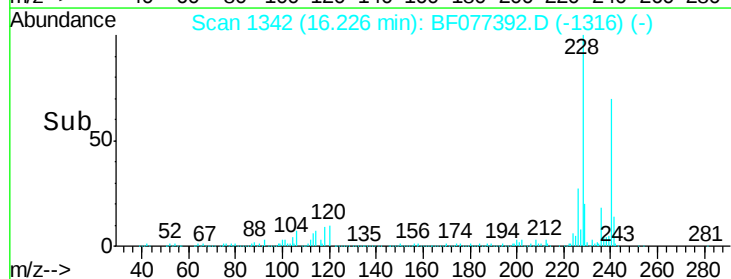
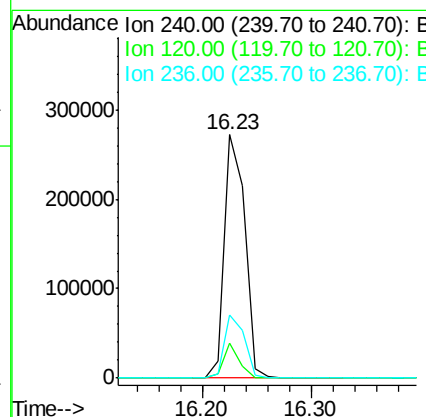
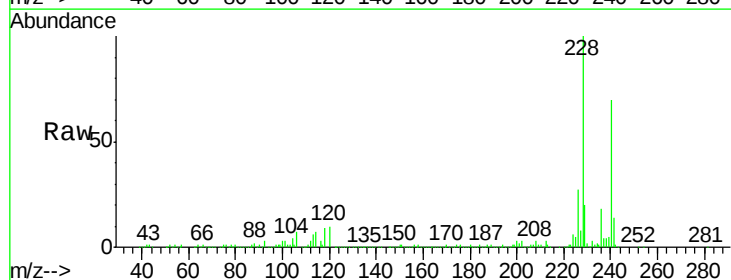
Instrument :
 BNA_F
 ClientSampleId :
 PB81820BS

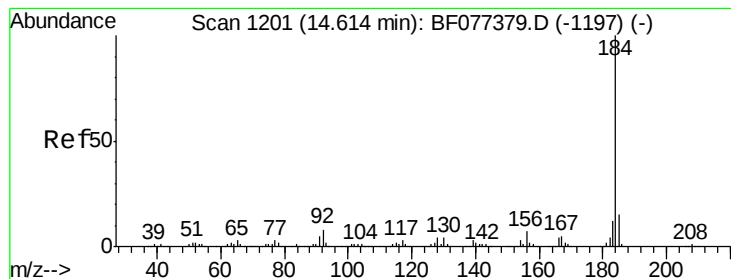
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.8
203	17.3	0.0	37.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.23 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	8.8	13.2#
236	25.9	20.7	31.1





#76

Benzidine

Concen: 30.07 ng

RT: 14.61 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

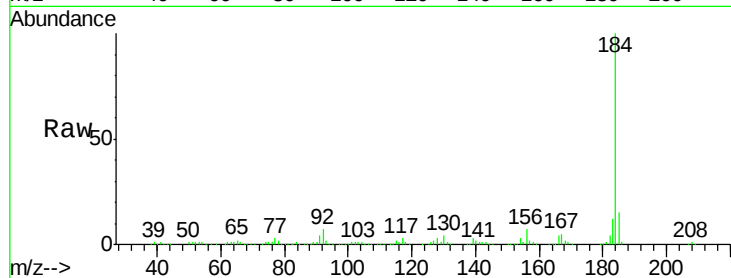
Tgt Ion:184 Resp: 364002

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

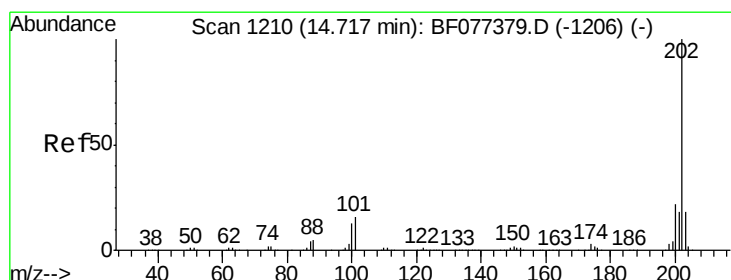
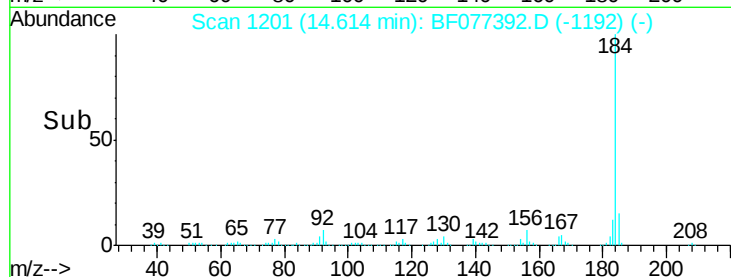
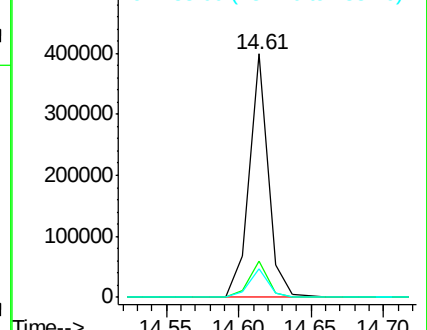
183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 35.05 ng

RT: 14.72 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

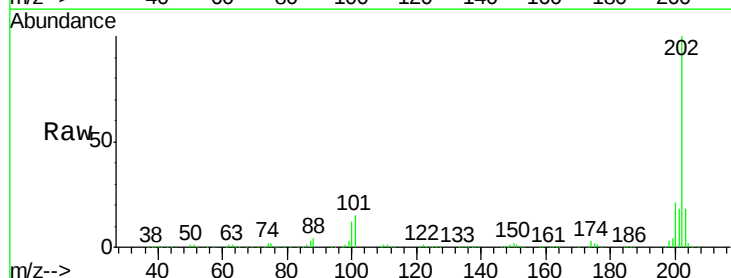
Tgt Ion:202 Resp: 768262

Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

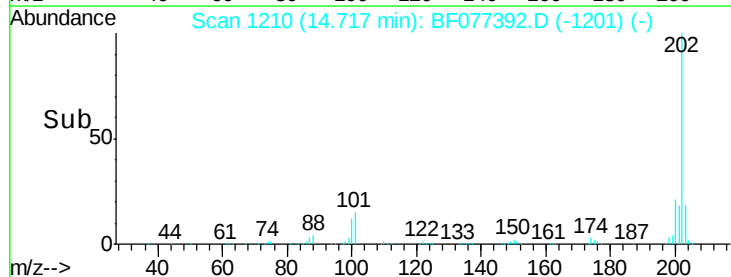
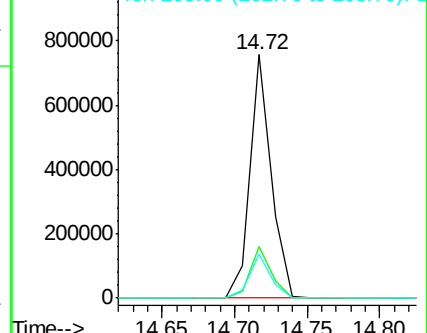
203 18.3 14.2 21.2

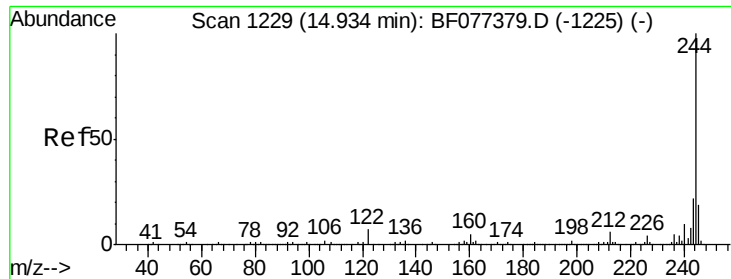


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

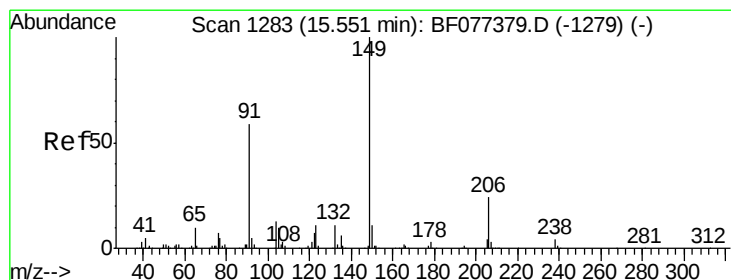
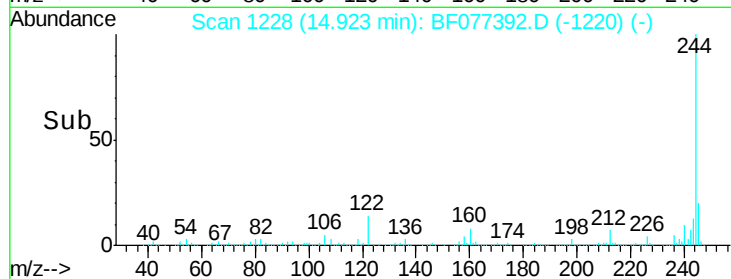
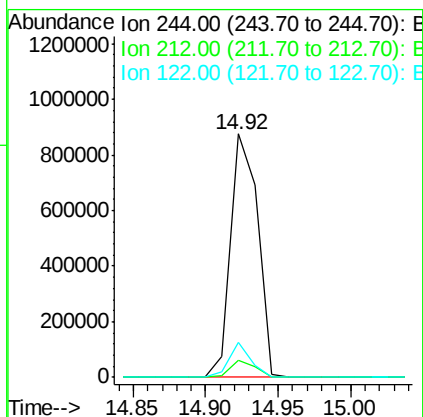
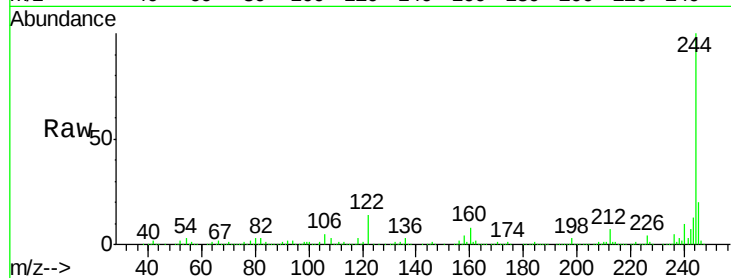




#78
 Terphenyl-d14
 Concen: 74.23 ng
 RT: 14.92 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

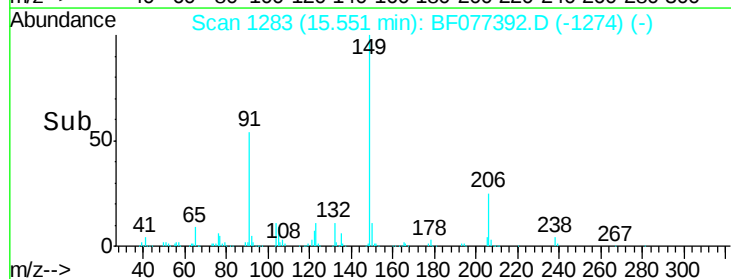
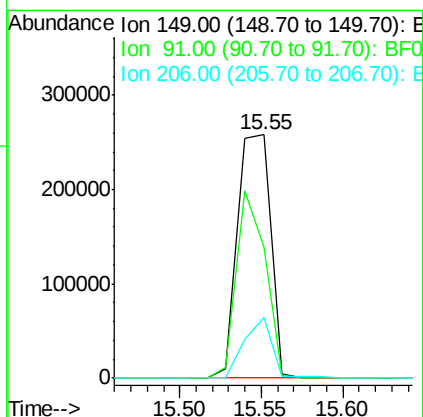
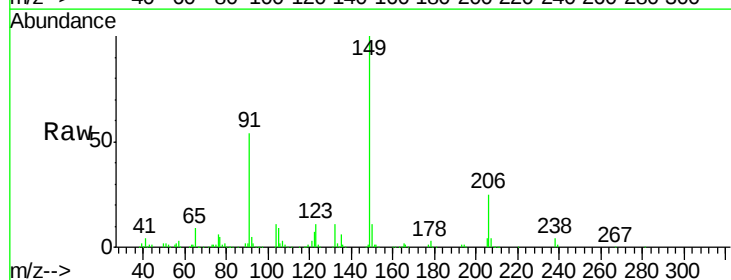
Instrument :
 BNA_F
 ClientSampleId :
 PB81820BS

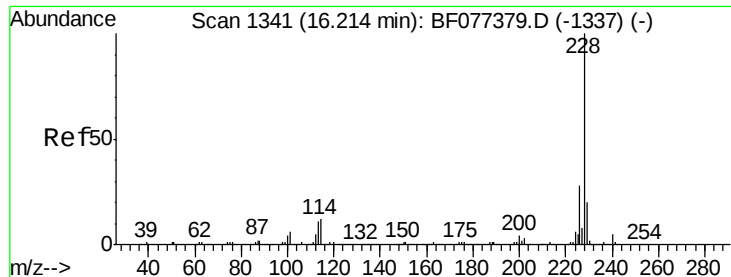
Tgt Ion:244 Resp: 1137799
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.2 7.8
 122 14.2 7.8 11.8#



#79
 Butylbenzylphthalate
 Concen: 40.18 ng
 RT: 15.55 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BF077392.D
 Acq: 20 Feb 2015 20:08

Tgt Ion:149 Resp: 362346
 Ion Ratio Lower Upper
 149 100
 91 53.9 51.2 76.8
 206 24.7 17.8 26.8





#80

Benzo(a)anthracene

Concen: 35.40 ng

RT: 16.21 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

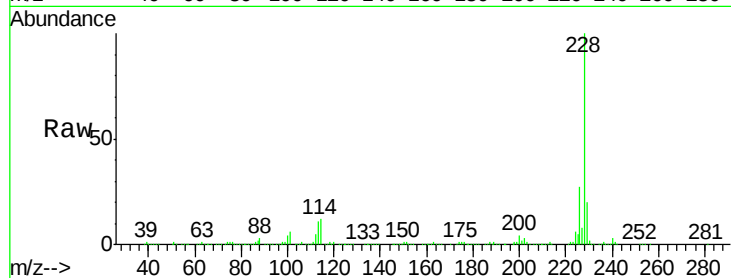
Tgt Ion: 228 Resp: 743355

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

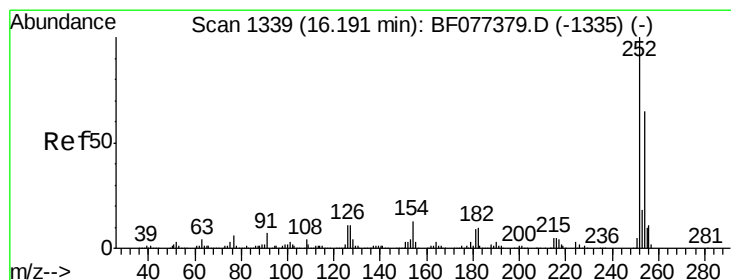
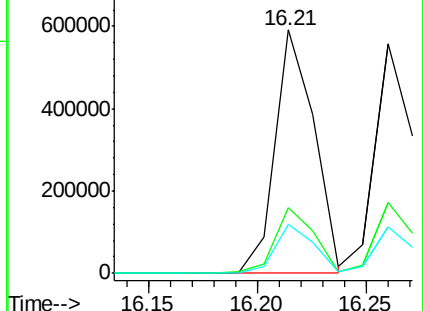
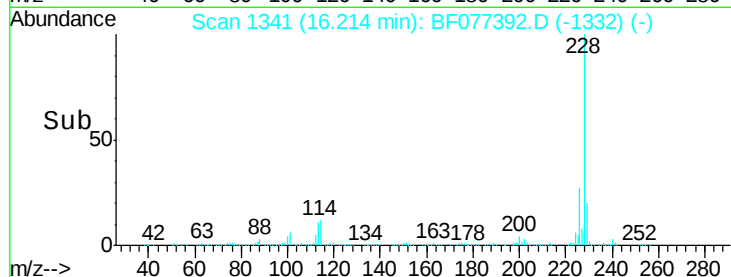
229 20.0 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 21.55 ng

RT: 16.19 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

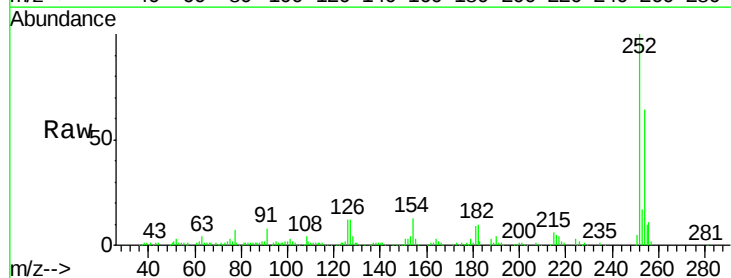
Tgt Ion: 252 Resp: 165836

Ion Ratio Lower Upper

252 100

254 64.4 52.9 79.3

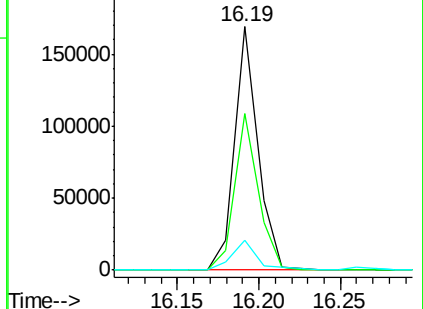
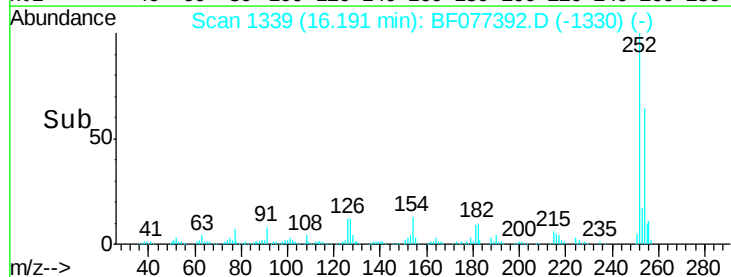
126 12.5 7.3 10.9#

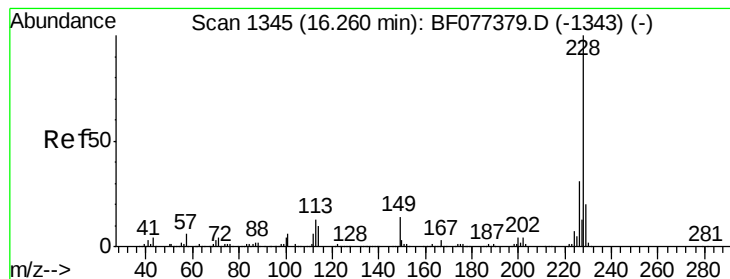


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 33.89 ng

RT: 16.26 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

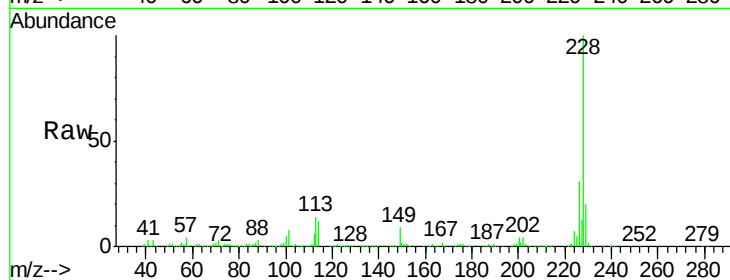
Tgt Ion:228 Resp: 668259

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

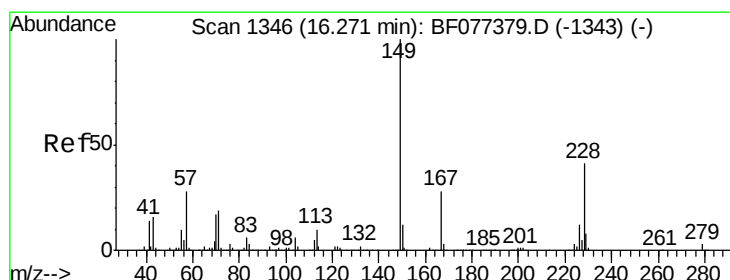
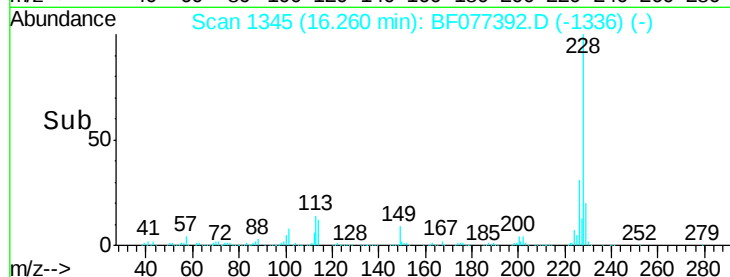
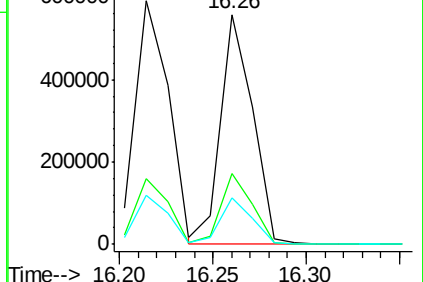
229 20.5 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 36.41 ng

RT: 16.27 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

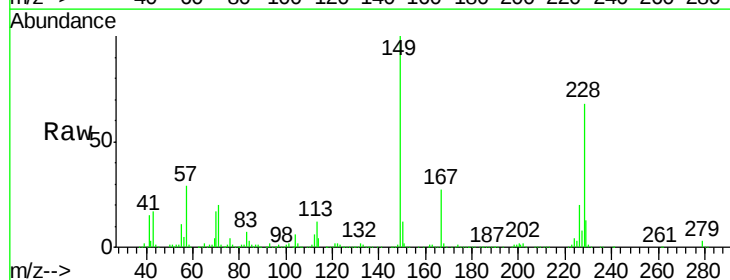
Tgt Ion:149 Resp: 526542

Ion Ratio Lower Upper

149 100

167 26.5 22.8 34.2

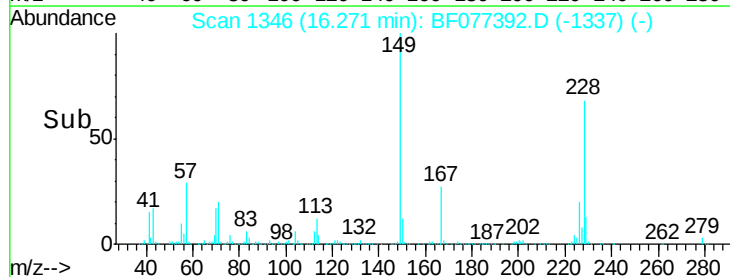
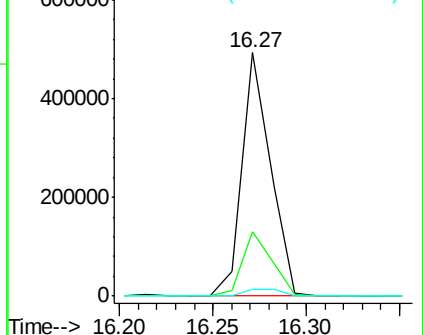
279 2.8 3.8 5.6#

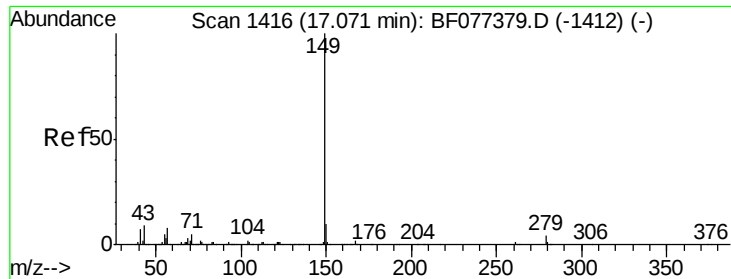


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 37.07 ng

RT: 17.08 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

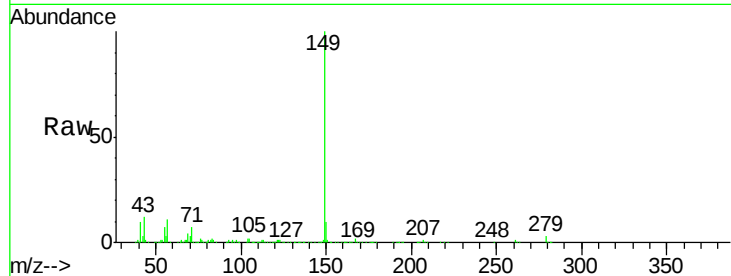
Tgt Ion:149 Resp: 894918

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

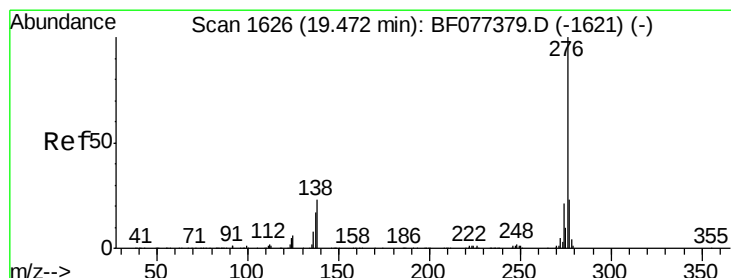
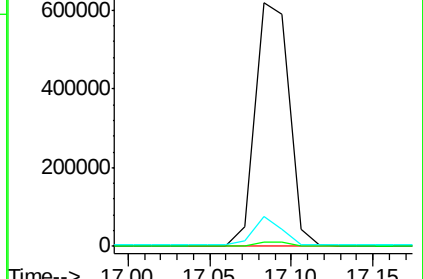
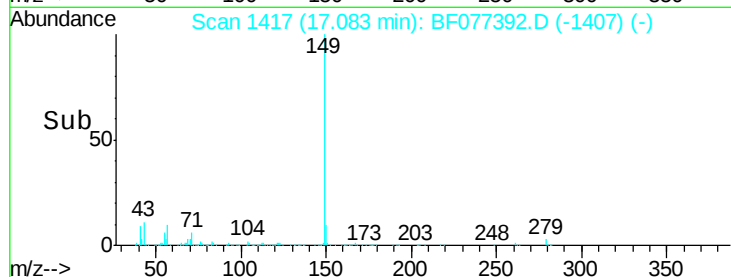
43 9.7 8.1 12.1



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: 33.68 ng m

RT: 19.52 min Scan# 1630

Delta R.T. 0.05 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

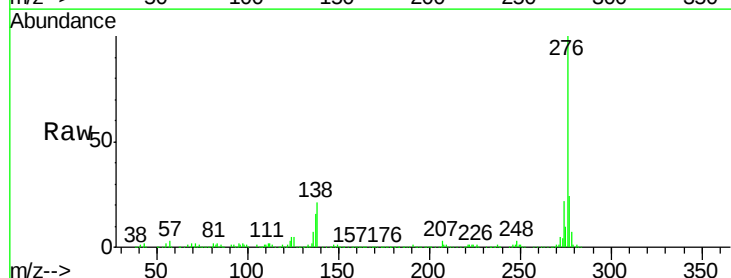
Tgt Ion:276 Resp: 757171

Ion Ratio Lower Upper

276 100

138 17.7 21.2 31.8#

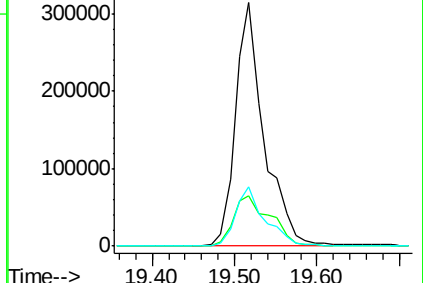
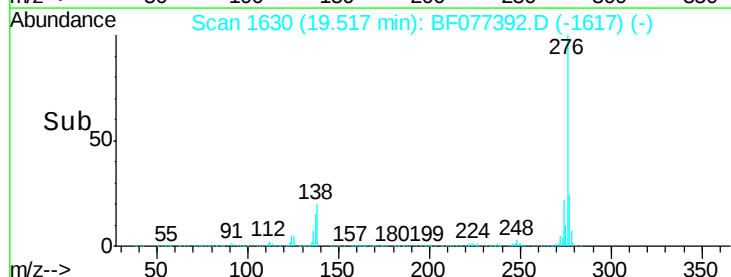
277 18.4 20.0 30.0#

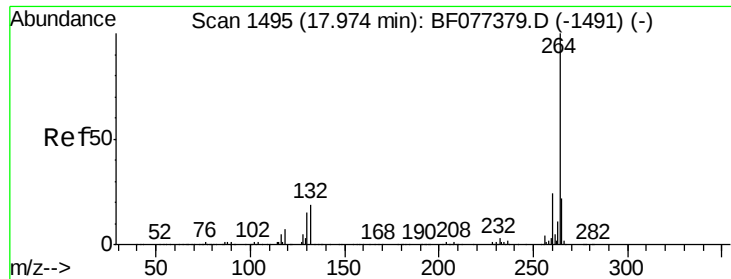


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

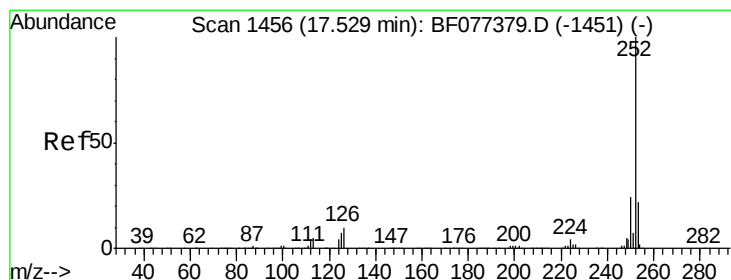
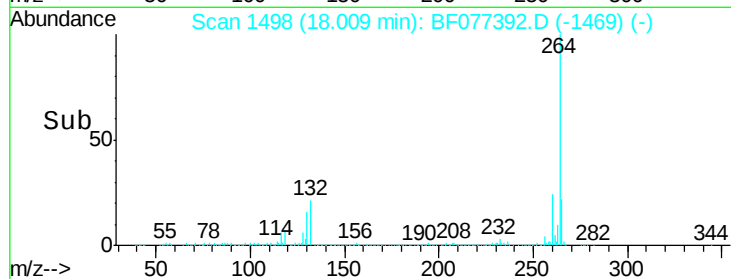
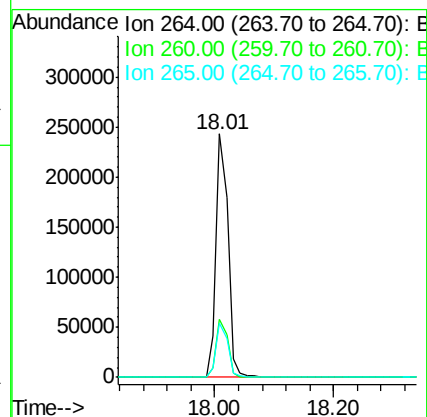
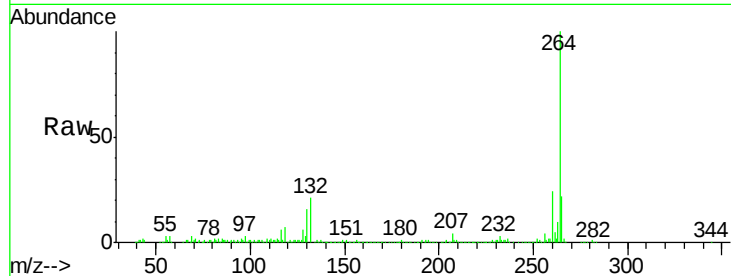




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.01 min Scan# 1498
Delta R.T. 0.03 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

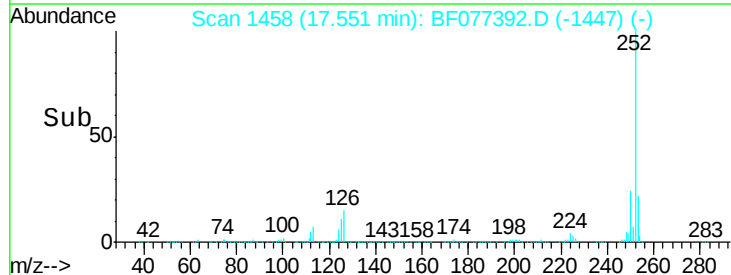
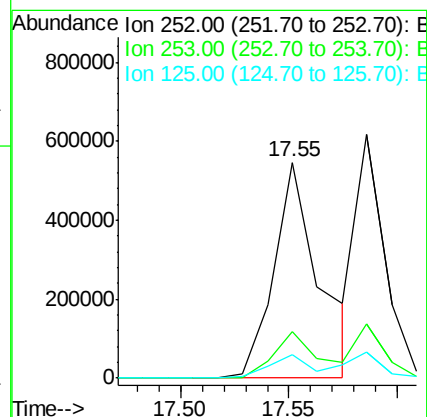
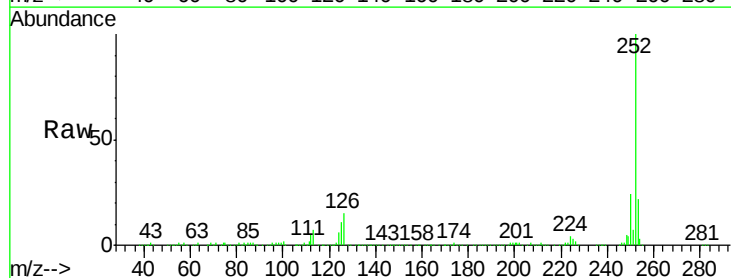
Instrument :
BNA_F
ClientSampleId :
PB81820BS

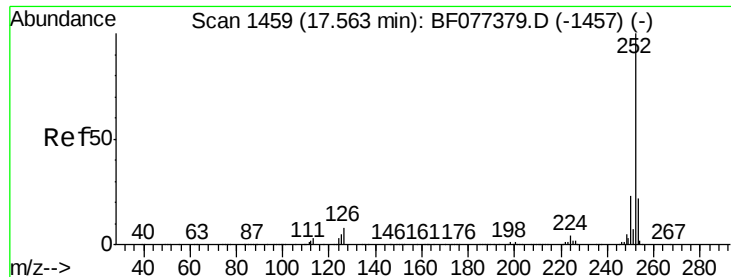
Tgt Ion: 264 Resp: 340480
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 22.0 16.8 25.2



#87
Benzo(b)fluoranthene
Concen: 40.40 ng
RT: 17.55 min Scan# 1458
Delta R.T. 0.02 min
Lab File: BF077392.D
Acq: 20 Feb 2015 20:08

Tgt Ion: 252 Resp: 799959
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 11.0 5.4 8.2#





#88

Benzo(k)fluoranthene

Concen: 29.62 ng m

RT: 17.59 min Scan# 1461

Delta R.T. 0.02 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

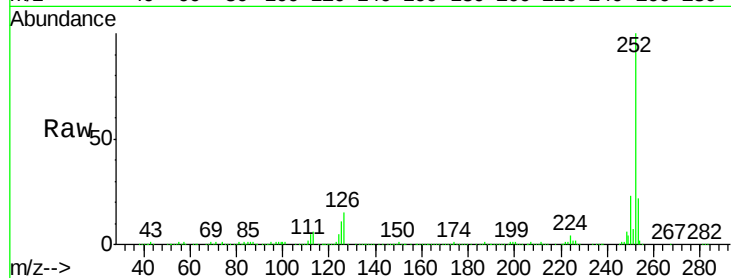
Tgt Ion:252 Resp: 574705

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

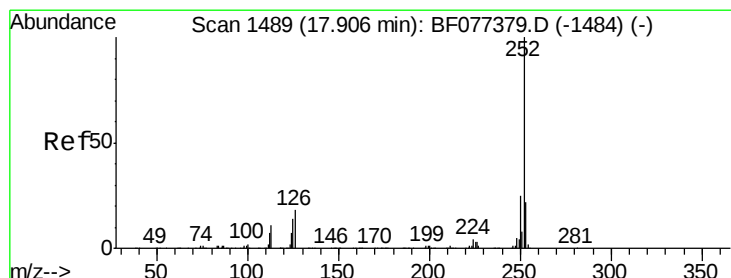
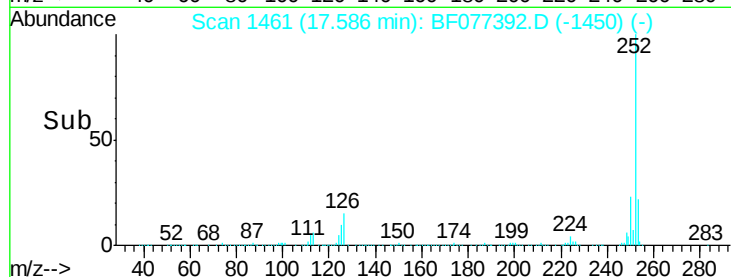
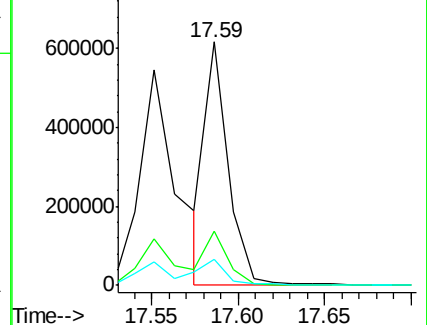
125 10.5 10.1 15.1



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: 35.65 ng

RT: 17.95 min Scan# 1493

Delta R.T. 0.05 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

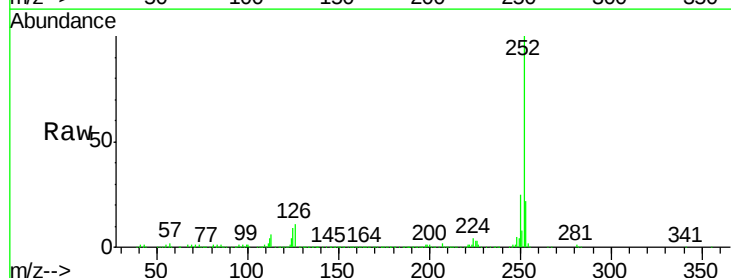
Tgt Ion:252 Resp: 672337

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

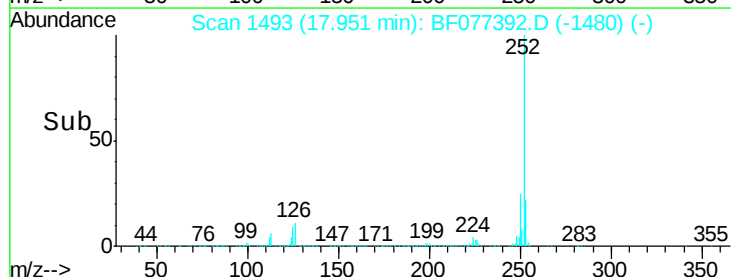
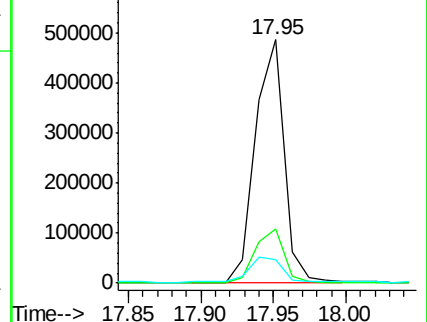
125 9.4 8.3 12.5

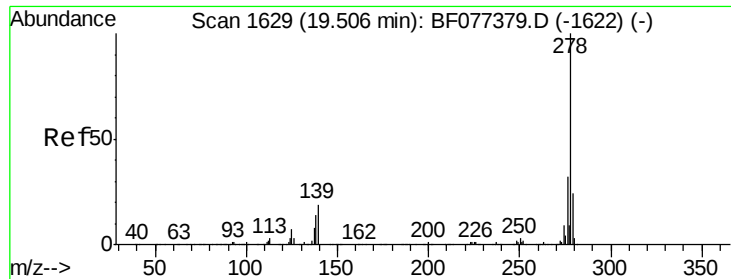


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 34.91 ng

RT: 19.55 min Scan# 1633

Delta R.T. 0.05 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB81820BS

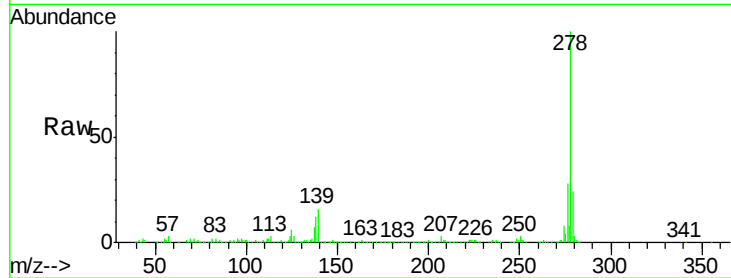
Tgt Ion:278 Resp: 627777

Ion Ratio Lower Upper

278 100

139 15.8 14.3 21.5

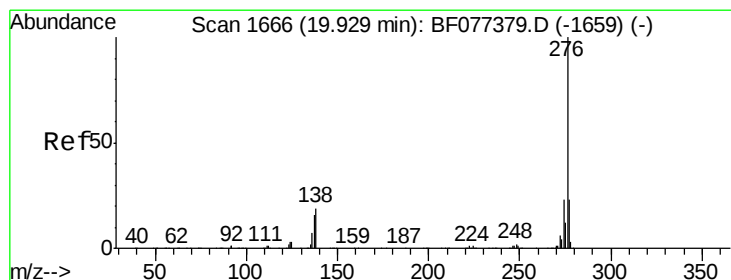
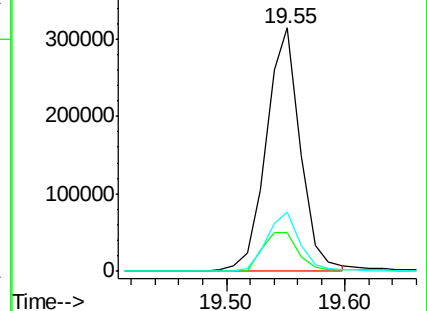
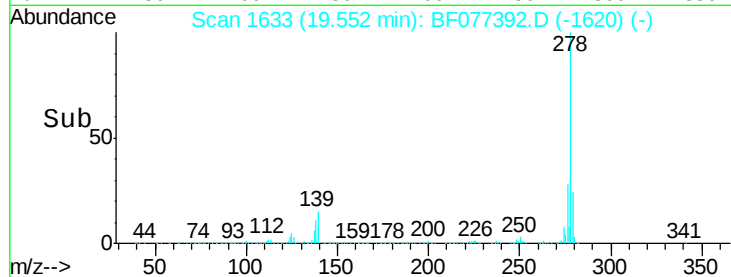
279 24.2 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 34.82 ng

RT: 19.96 min Scan# 1669

Delta R.T. 0.03 min

Lab File: BF077392.D

Acq: 20 Feb 2015 20:08

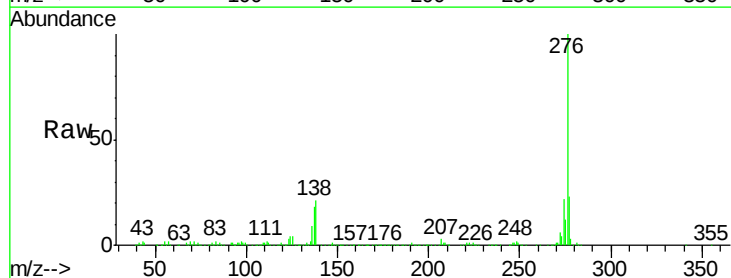
Tgt Ion:276 Resp: 632055

Ion Ratio Lower Upper

276 100

277 23.0 18.9 28.3

138 21.4 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

