

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022515\
 Data File : BF077432.D
 Acq On : 25 Feb 2015 14:32
 Operator : IZ / TP
 Sample : PB81861BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Quant Time: Feb 26 03:35:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 03:18:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	75066	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	291007	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	141513	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	294014	20.00	ng	-0.01
75) Chrysene-d12	16.17	240	334671	20.00	ng	-0.01
86) Perylene-d12	17.92	264	325573	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	282691	62.87	ng	0.00
7) Phenol-d6	6.84	99	362243	62.66	ng	0.00
23) Nitrobenzene-d5	7.97	82	258829	55.31	ng	-0.01
41) 2,4,6-Tribromophenol	12.02	330	94714	69.51	ng	0.00
44) 2-Fluorobiphenyl	10.21	172	599735	66.08	ng	0.00
78) Terphenyl-d14	14.88	244	723060	50.51	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.26	88	50740	26.59	ng	94
3) Pyridine	2.99	79	145544	26.66	ng	97
4) n-Nitrosodimethylamine	2.91	42	65998	27.81	ng	97
6) Aniline	6.88	93	129021	16.15	ng	98
8) 2-Chlorophenol	7.01	128	167521	31.58	ng	98
9) Benzaldehyde	6.74	77	3947	1.12	ng	94
10) Phenol	6.85	94	199898	29.14	ng	93
11) bis(2-Chloroethyl)ether	6.98	93	144507	29.32	ng	99
12) 1,3-Dichlorobenzene	7.21	146	173718	30.08	ng	98
13) 1,4-Dichlorobenzene	7.31	146	180451	30.71	ng	100
14) 1,2-Dichlorobenzene	7.49	146	173533	31.05	ng	98
15) Benzyl Alcohol	7.47	79	130442	29.68	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	7.65	45	204838	29.07	ng	98
17) 2-Methylphenol	7.61	107	130100	31.38	ng	97
18) Hexachloroethane	7.92	117	60308	30.73	ng	93
19) n-Nitroso-di-n-propylamine	7.80	70	110401	30.07	ng	97
20) 3+4-Methylphenols	7.80	107	168974	30.94	ng	# 85
22) Acetophenone	7.79	105	215353	31.46	ng	93
24) Nitrobenzene	8.00	77	157003	31.89	ng	# 80
25) Isophorone	8.30	82	287657	30.98	ng	98
26) 2-Nitrophenol	8.40	139	77457	38.38	ng	94
27) 2,4-Dimethylphenol	8.45	122	147256	32.62	ng	98
28) bis(2-Chloroethoxy)methane	8.58	93	185589	31.64	ng	98
29) 2,4-Dichlorophenol	8.69	162	139972	33.03	ng	99
30) 1,2,4-Trichlorobenzene	8.80	180	150496	32.30	ng	99
31) Naphthalene	8.89	128	462691	31.79	ng	100
32) Benzoic acid	8.54	122	79569	36.27	ng	98
33) 4-Chloroaniline	8.97	127	96430	14.90	ng	98
34) Hexachlorobutadiene	9.05	225	85683	32.21	ng	99
35) Caprolactam	9.38	113	41960	32.43	ng	98
36) 4-Chloro-3-methylphenol	9.56	107	134261	31.51	ng	92
37) 2-Methylnaphthalene	9.74	142	317514	30.72	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.95	216	143677	35.38	ng	98
40) Hexachlorocyclopentadiene	9.94	237	165811	76.16	ng	97

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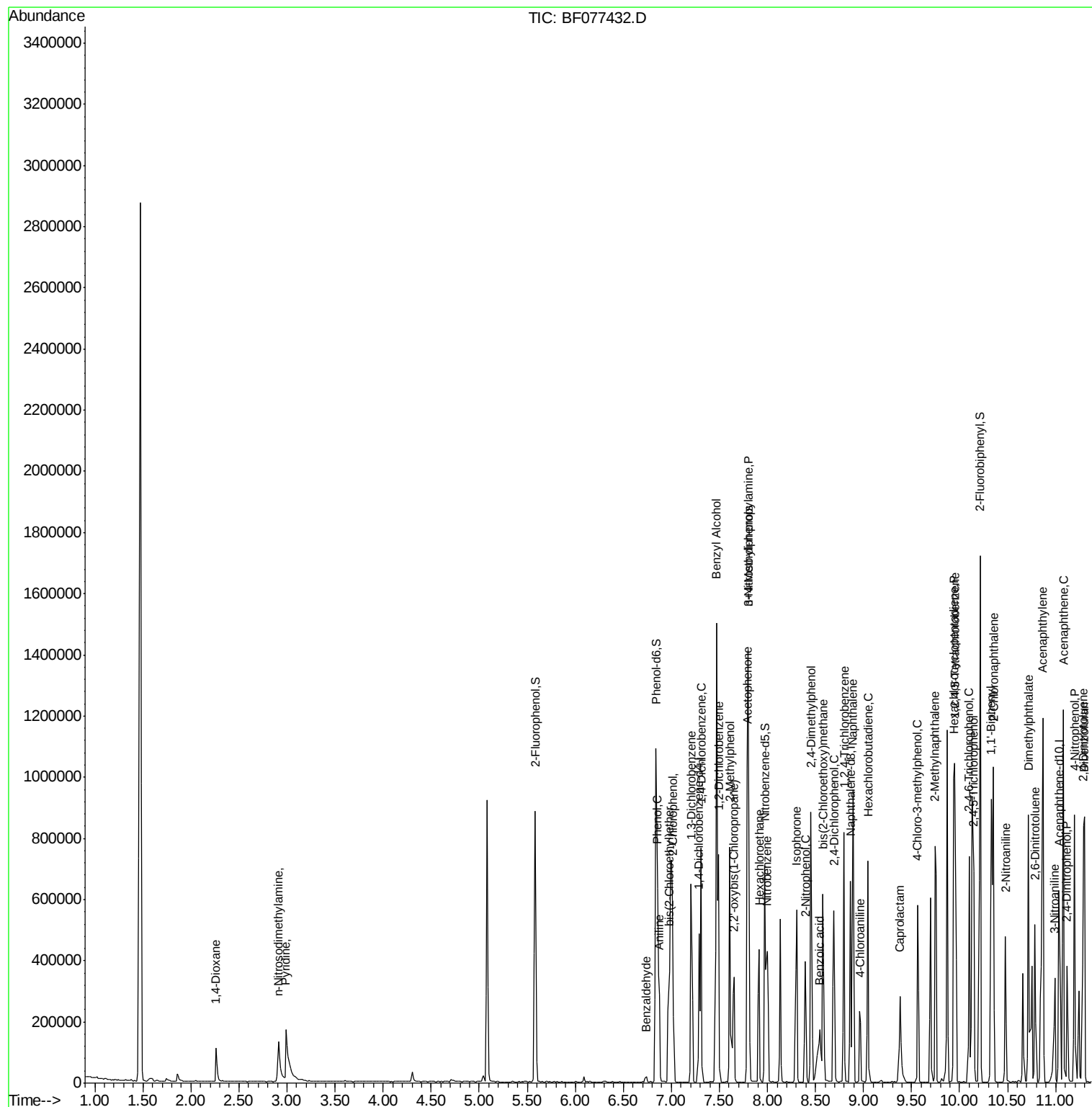
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.10	196	103220	38.39	nq	99
43) 2,4,5-Trichlorophenol	10.14	196	112569	39.15	nq	# 96
45) 1,1'-Biphenyl	10.33	154	373725	34.86	nq	96
46) 2-Chloronaphthalene	10.35	162	304152	36.17	nq	99
47) 2-Nitroaniline	10.48	65	82549	39.88	nq	96
48) Acenaphthylene	10.86	152	512069	38.47	nq	100
49) Dimethylphthalate	10.72	163	356063	35.79	nq	100
50) 2,6-Dinitrotoluene	10.78	165	76991	38.59	nq	# 46
51) Acenaphthene	11.08	154	298597	37.59	nq	99
52) 3-Nitroaniline	10.99	138	63260	27.51	nq	87
53) 2,4-Dinitrophenol	11.12	184	55834	91.98	nq	# 52
54) Dibenzofuran	11.30	168	448652	36.58	nq	95
55) 4-Nitrophenol	11.20	139	136509	73.79	nq	# 67
56) 2,4-Dinitrotoluene	11.29	165	106645	39.56	nq	96
57) Fluorene	11.72	166	370497	37.79	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.45	232	88745	38.39	nq	99
59) Diethylphthalate	11.60	149	347692	35.45	nq	98
60) 4-Chlorophenyl-phenylether	11.73	204	164187	34.75	nq	92
61) 4-Nitroaniline	11.75	138	86848	39.40	nq	89
62) Azobenzene	11.92	77	323720	34.79	nq	92
64) 4,6-Dinitro-2-methylphenol	11.78	198	38626	34.09	nq	# 52
65) n-Nitrosodiphenylamine	11.87	169	305829	31.35	nq	98
66) 4-Bromophenyl-phenylether	12.34	248	101669	29.53	nq	# 88
67) Hexachlorobenzene	12.40	284	115865	31.35	nq	# 82
68) Atrazine	12.55	200	99702	31.44	nq	96
69) Pentachlorophenol	12.64	266	129900	66.88	nq	98
70) Phenanthrene	12.91	178	556646	32.67	nq	100
71) Anthracene	12.98	178	548862	32.46	nq	99
72) Carbazole	13.17	167	515632	32.07	nq	99
73) Di-n-butylphthalate	13.63	149	557420	29.52	nq	98
74) Fluoranthene	14.39	202	615337	33.06	nq	99
76) Benzidine	14.57	184	244777	21.65	nq	97
77) Pyrene	14.67	202	659313	32.21	nq	99
79) Butylbenzylphthalate	15.49	149	260686	30.95	nq	95
80) Benzo(a)anthracene	16.16	228	625031	31.87	nq	100
81) 3,3'-Dichlorobenzidine	16.13	252	130951	18.22	nq	# 98
82) Chrysene	16.20	228	583080	31.66	nq	99
83) Bis(2-ethylhexyl)phthalate	16.21	149	356146	26.37	nq	# 96
84) Di-n-octyl phthalate	17.01	149	628163	27.86	nq	99
85) Indeno(1,2,3-cd)pyrene	19.38	276	686713	32.70	nq	100
87) Benzo(b)fluoranthene	17.46	252	666808	35.22	nq	# 96
88) Benzo(k)fluoranthene	17.49	252	566528	30.53	nq	99
89) Benzo(a)pyrene	17.85	252	599531	33.25	nq	99
90) Dibenzo(a,h)anthracene	19.41	278	571557	33.24	nq	97
91) Benzo(g,h,i)perylene	19.81	276	587143	33.83	nq	95

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

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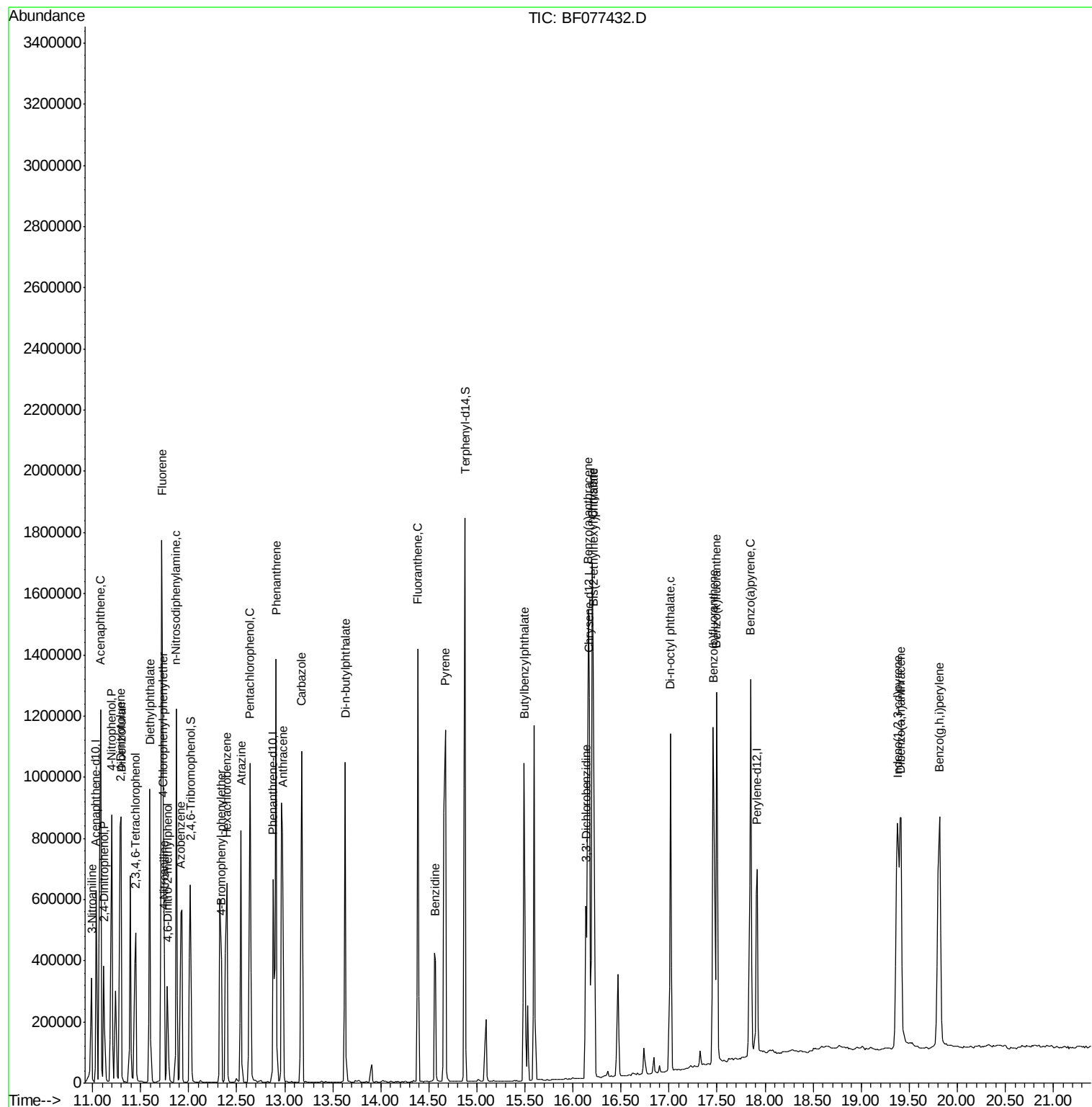
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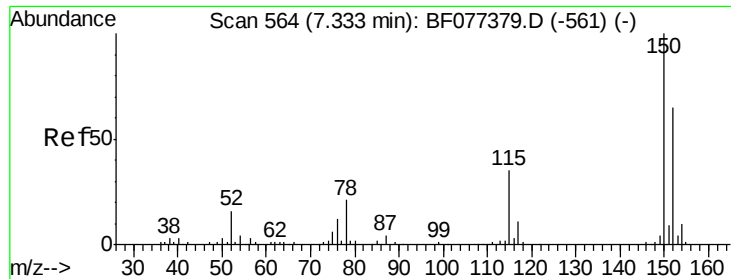


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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Instrument :

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ClientSampleId :

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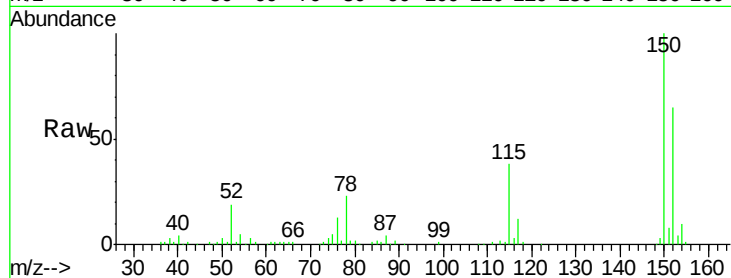
Tot Ion:152 Resp: 75066

Ion Ratio Lower Upper

152 100

150 154.4 124.0 186.0

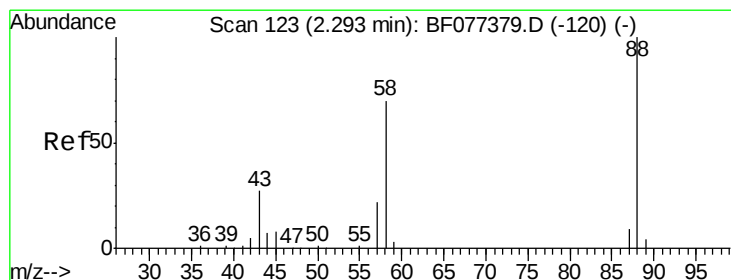
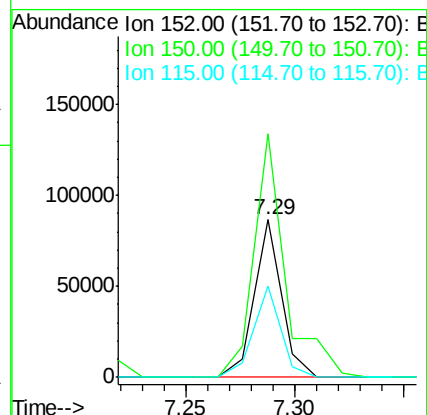
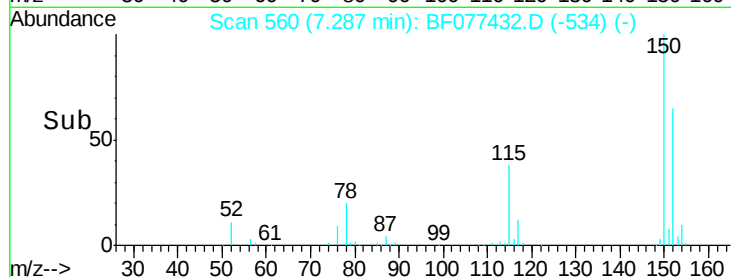
115 58.1 49.4 74.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.59 ng

RT: 2.26 min Scan# 120

Delta R.T. 0.02 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

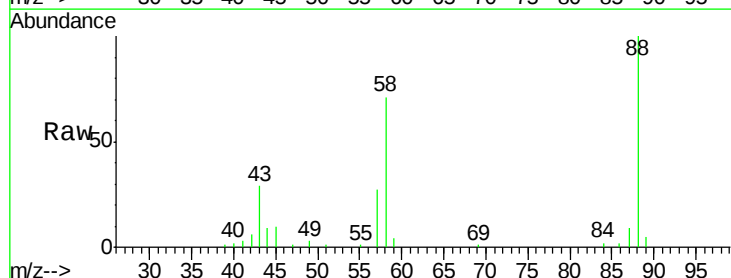
Tgt Ion: 88 Resp: 50740

Ion Ratio Lower Upper

88 100

58 72.3 62.1 93.1

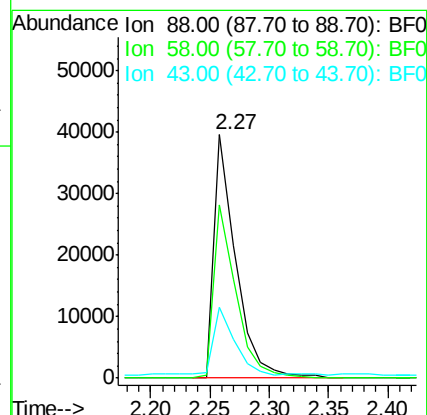
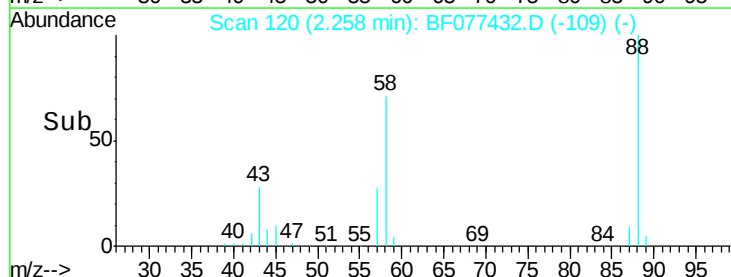
43 27.5 24.0 36.0

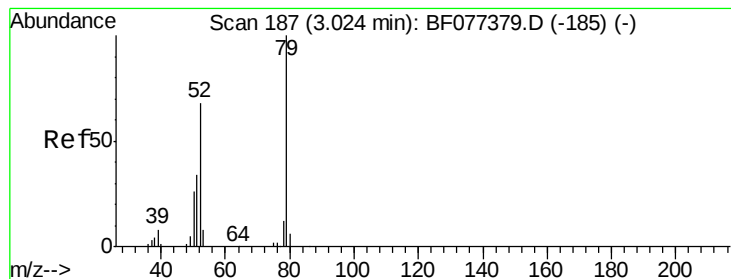


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 26.66 ng

RT: 2.99 min Scan# 184

Delta R.T. 0.03 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Instrument :

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ClientSampleId :

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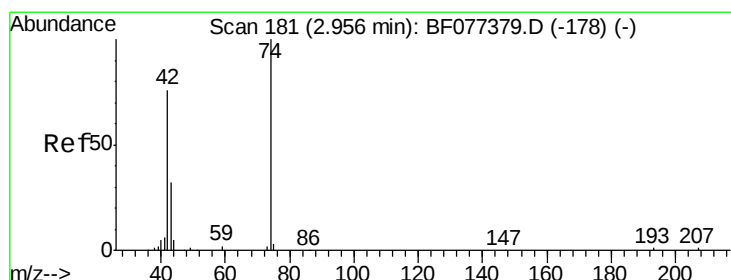
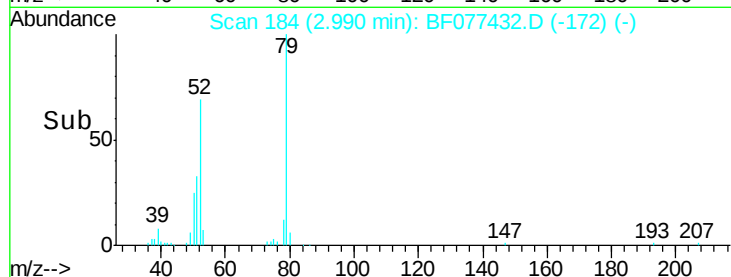
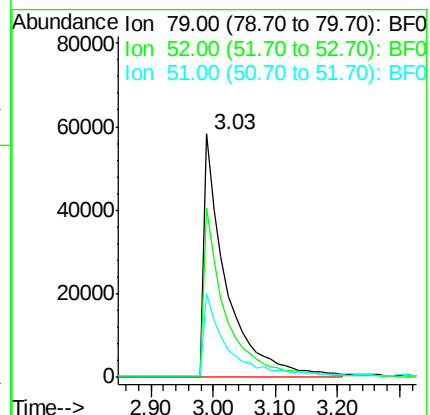
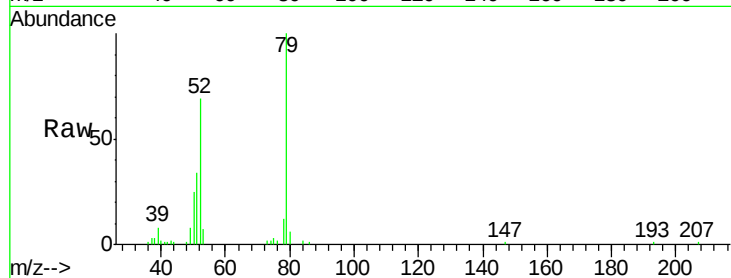
Tot Ion: 79 Resp: 145544

Ion Ratio Lower Upper

79 100

52 69.5 57.7 86.5

51 34.2 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 27.81 ng

RT: 2.91 min Scan# 177

Delta R.T. 0.02 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

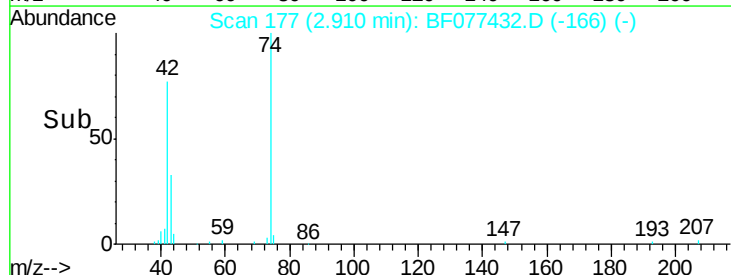
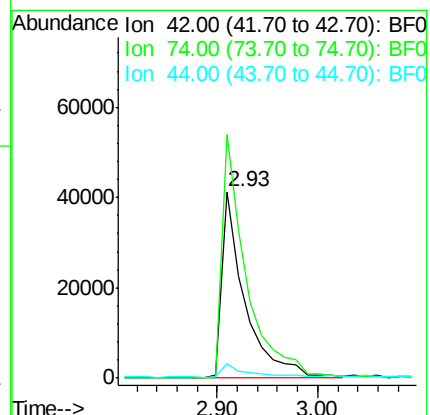
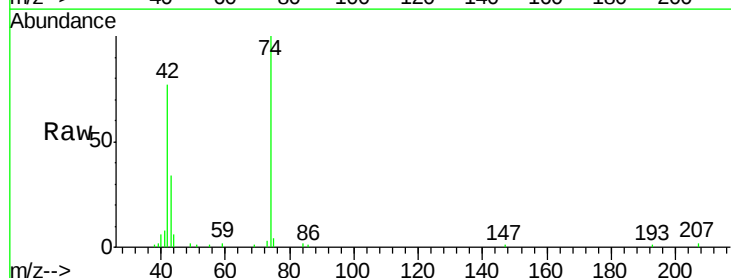
Tgt Ion: 42 Resp: 65998

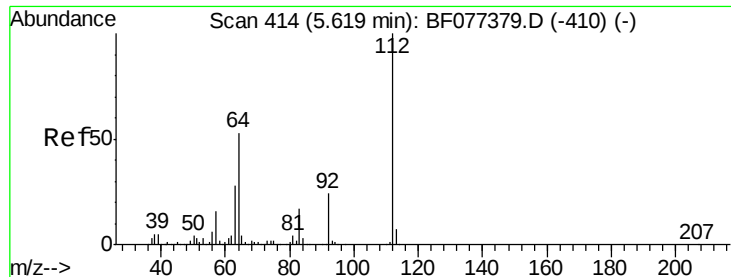
Ion Ratio Lower Upper

42 100

74 130.6 107.1 160.7

44 7.7 6.7 10.1





#5

2-Fluorophenol

Concen: 62.87 ng

RT: 5.58 min Scan# 411

Delta R.T. 0.00 min

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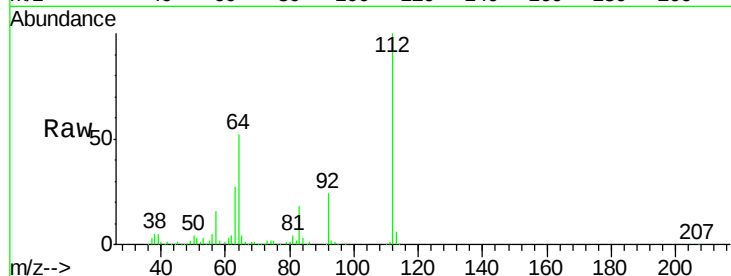
Tot Ion:112 Resp: 282691

Ion Ratio Lower Upper

112 100

64 51.8 48.5 72.7

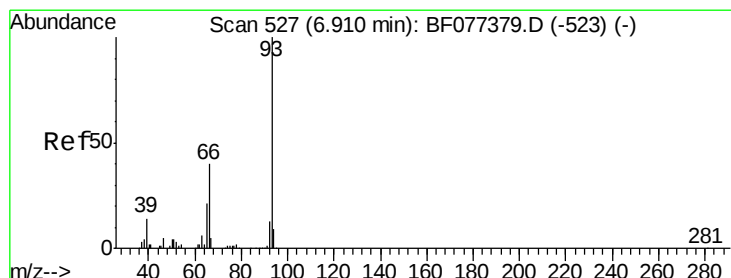
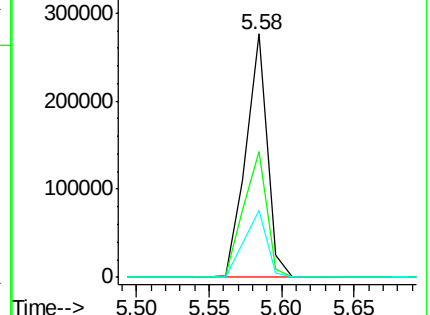
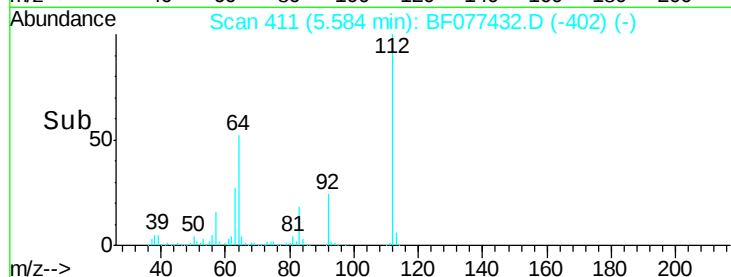
63 27.4 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.15 ng

RT: 6.88 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

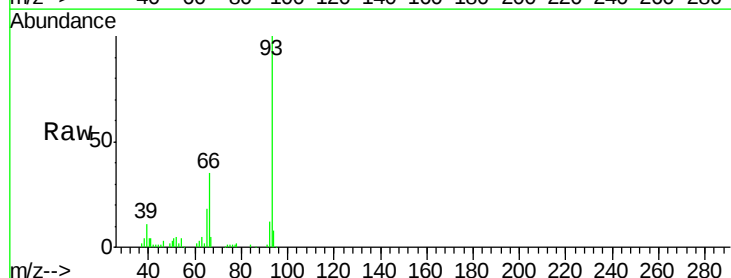
Tgt Ion: 93 Resp: 129021

Ion Ratio Lower Upper

93 100

66 34.9 29.1 43.7

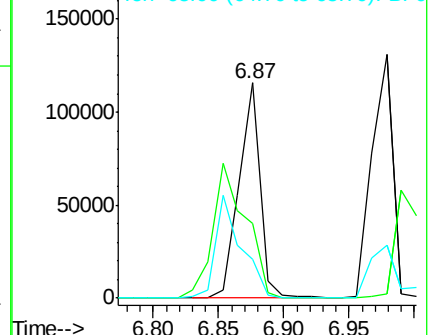
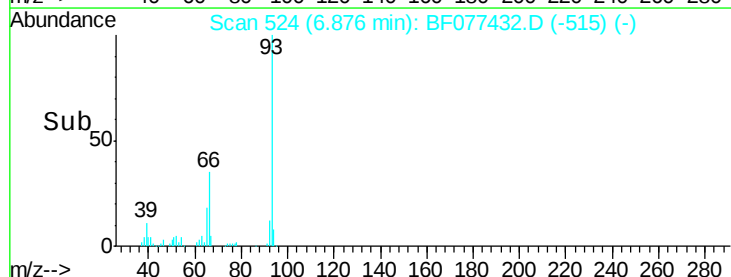
65 17.8 14.6 22.0

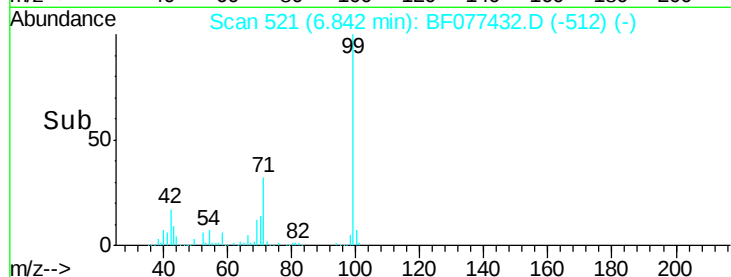
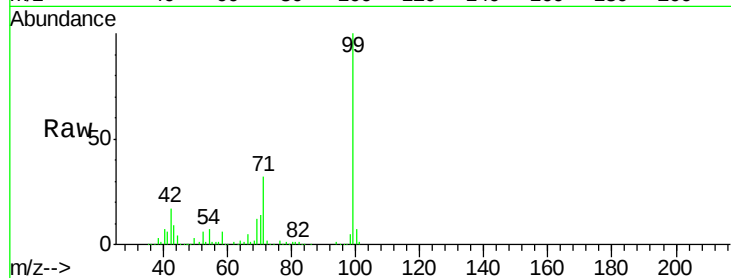
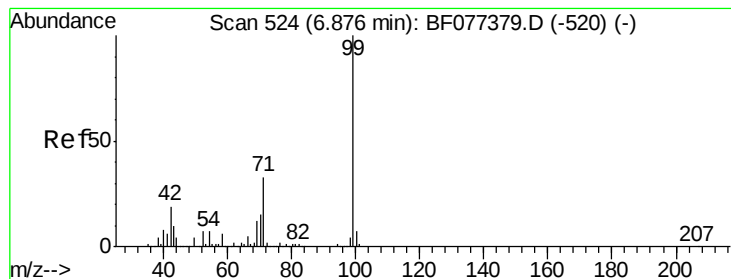


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 62.66 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

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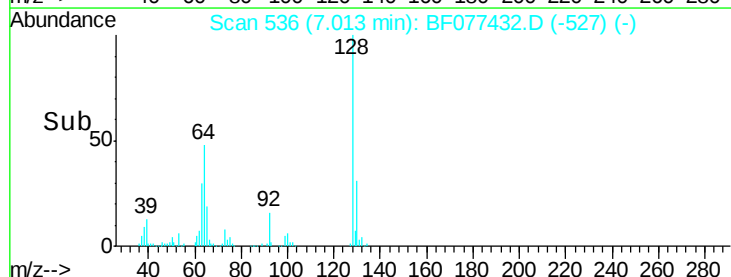
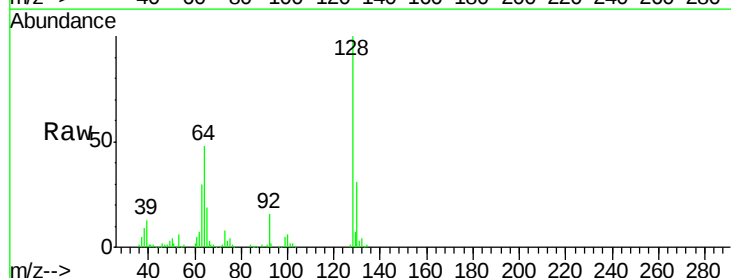
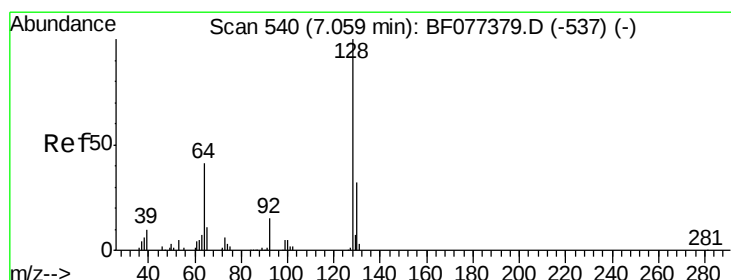
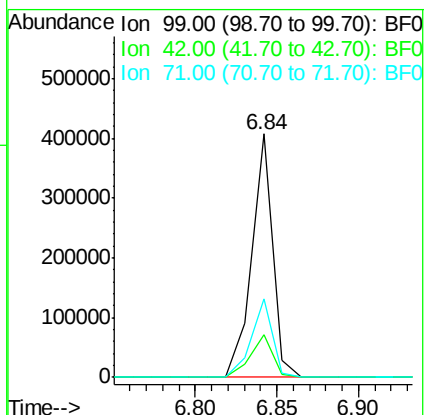
Tot Ion: 99 Resp: 362243

Ion Ratio Lower Upper

99 100

42 17.4 16.2 24.4

71 32.1 26.7 40.1



#8

2-Chlorophenol

Concen: 31.58 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

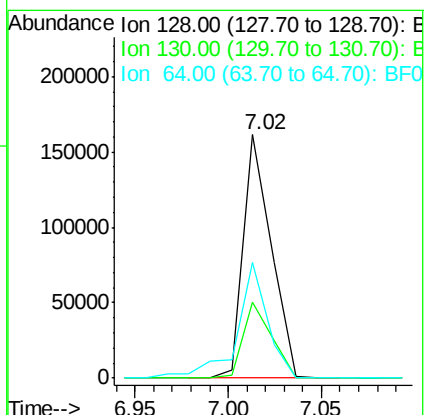
Tgt Ion: 128 Resp: 167521

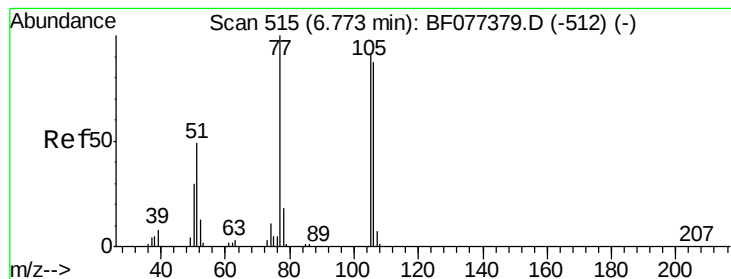
Ion Ratio Lower Upper

128 100

130 31.3 12.0 52.0

64 47.7 29.2 69.2





#9

Benzaldehyde

Concen: 1.12 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

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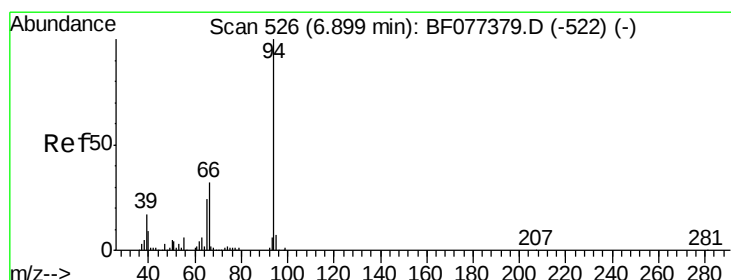
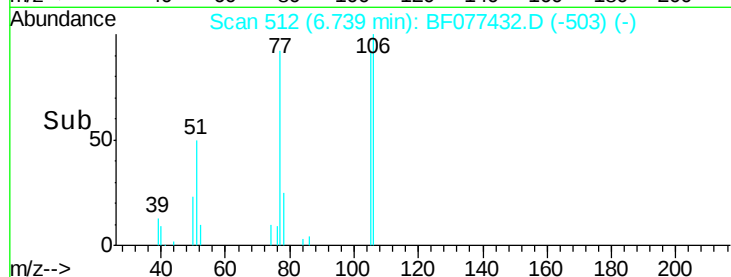
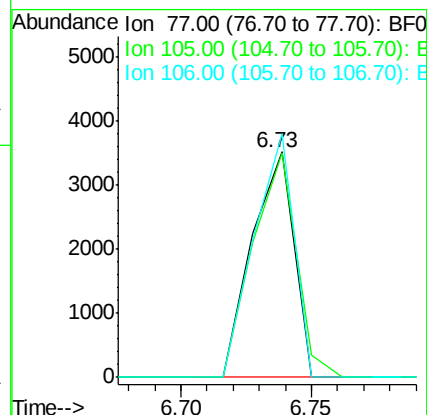
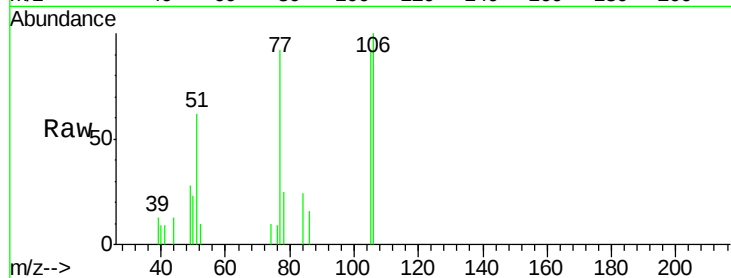
Tot Ion: 77 Resp: 3947

Ion Ratio Lower Upper

77 100

105 99.7 85.9 125.9

106 108.2 82.9 122.9



#10

Phenol

Concen: 29.14 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

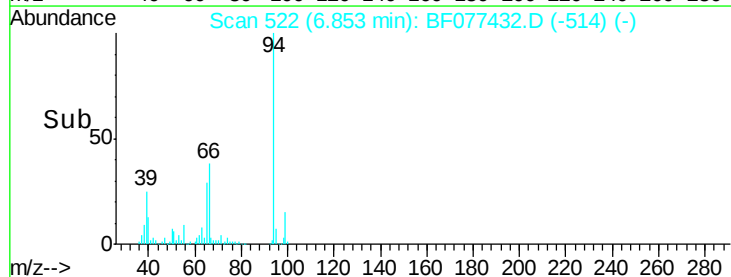
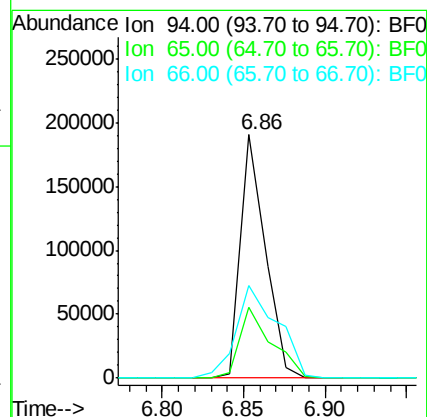
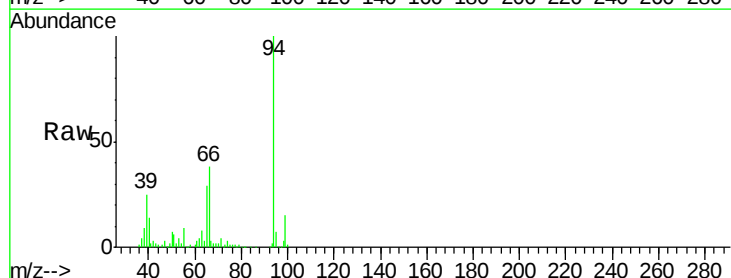
Tgt Ion: 94 Resp: 199898

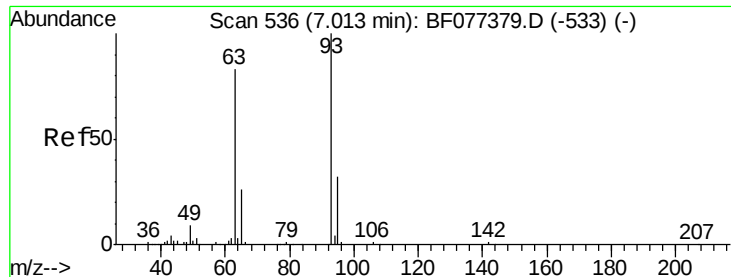
Ion Ratio Lower Upper

94 100

65 29.0 5.7 45.7

66 37.9 13.6 53.6

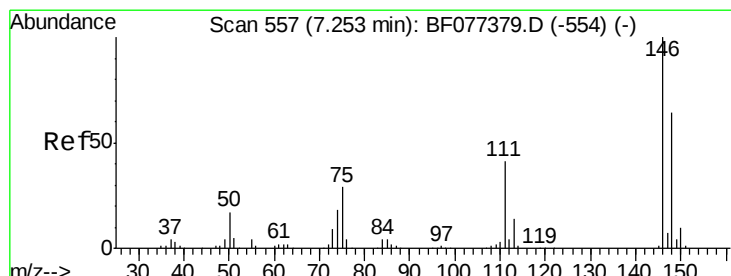
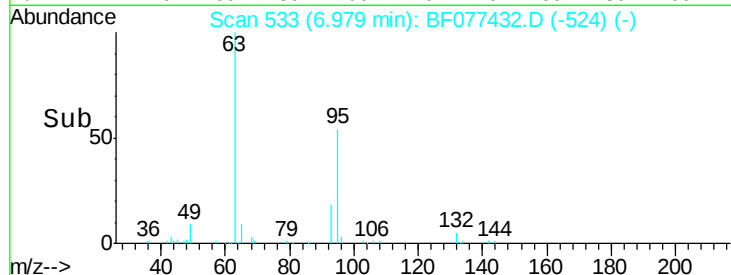
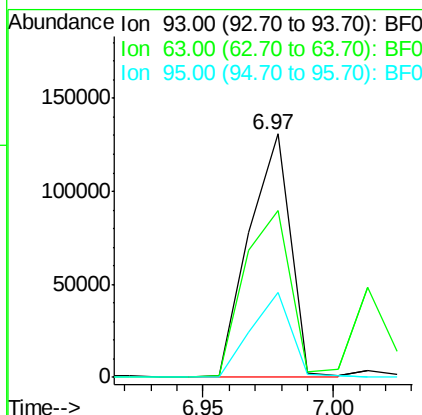
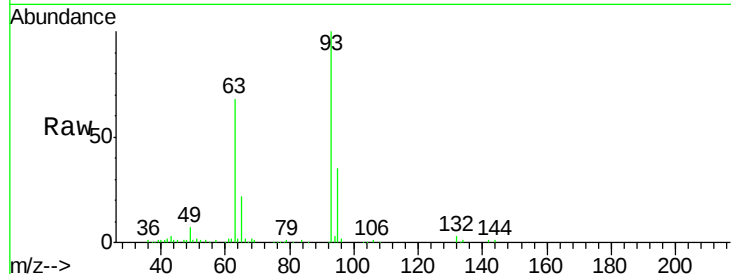




#11
bis(2-Chloroethyl)ether
Concen: 29.32 ng
RT: 6.98 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

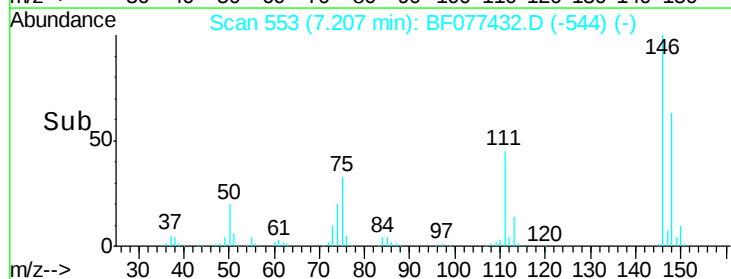
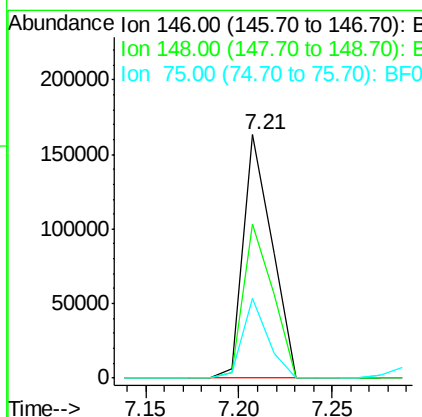
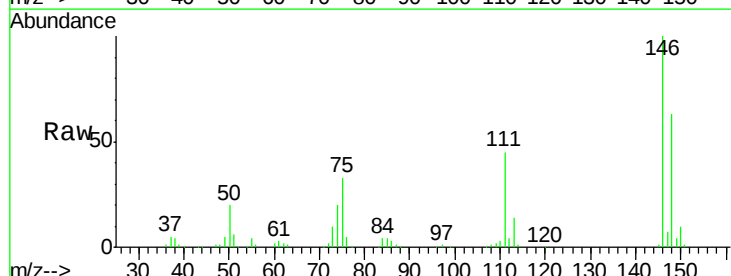
Instrument :
BNA_F
ClientSampleId :
PB81861BS

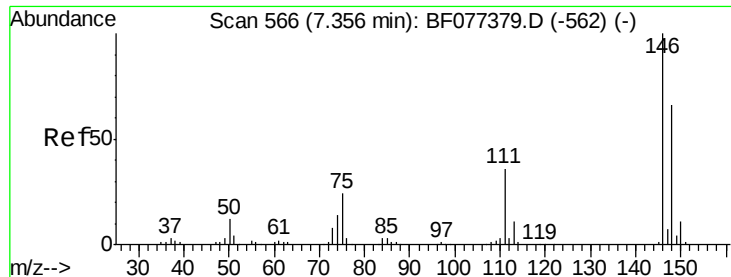
Tot Ion: 93 Resp: 144507
Ion Ratio Lower Upper
93 100
63 68.4 48.7 88.7
95 34.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 30.08 ng
RT: 7.21 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Tgt Ion: 146 Resp: 173718
Ion Ratio Lower Upper
146 100
148 63.1 49.8 74.8
75 33.0 28.2 42.4

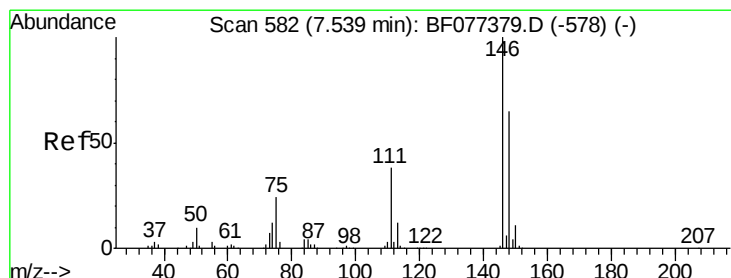
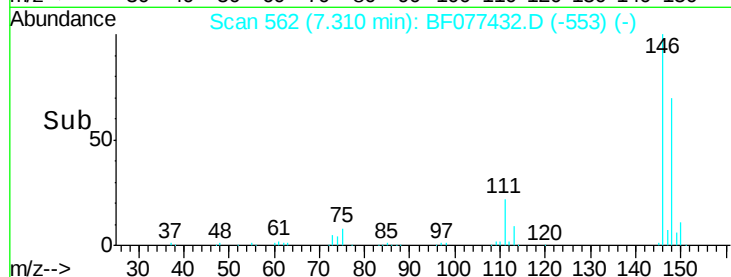
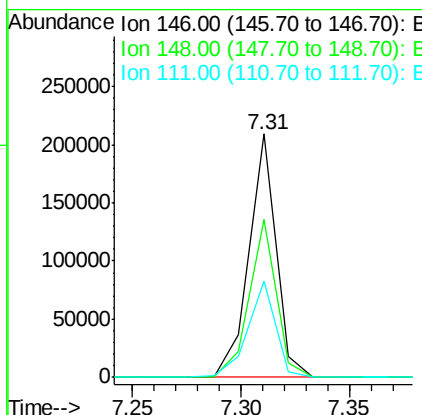
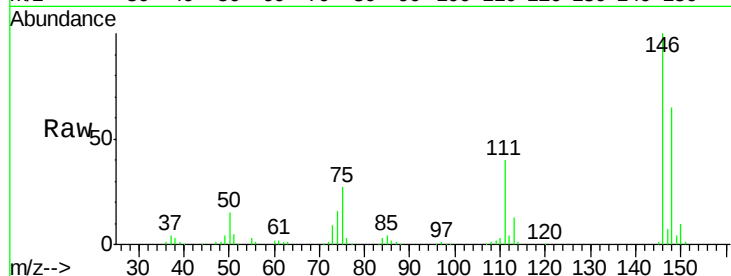




#13
 1,4-Dichlorobenzene
 Concen: 30.71 ng
 RT: 7.31 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

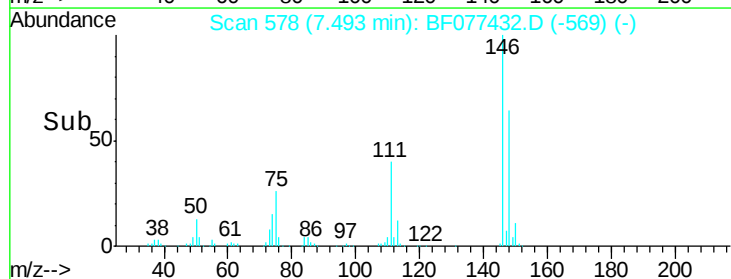
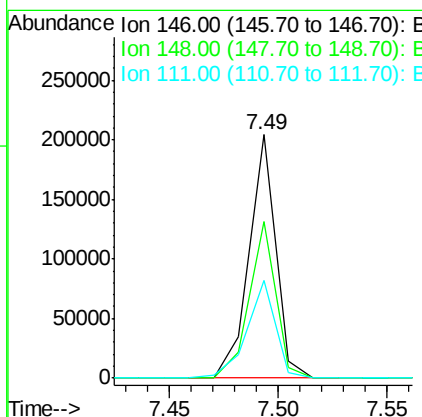
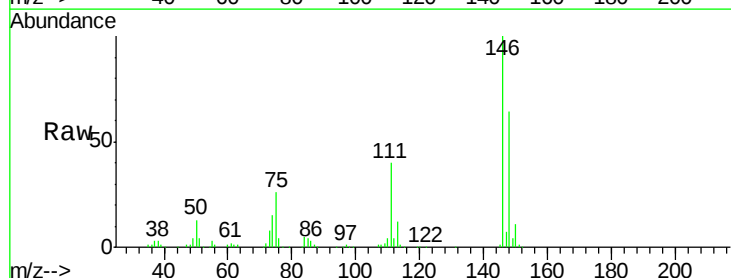
Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

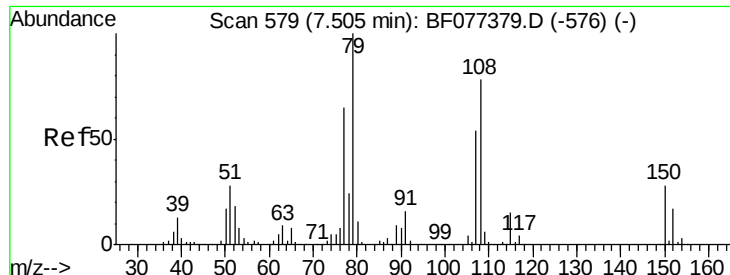
Tot Ion:146 Resp: 180451
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.0 78.0
 111 39.7 31.9 47.9



#14
 1,2-Dichlorobenzene
 Concen: 31.05 ng
 RT: 7.49 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Tgt Ion:146 Resp: 173533
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.6 77.4
 111 39.9 34.2 51.2





#15

Benzyl Alcohol

Concen: 29.68 ng

RT: 7.47 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB81861BS

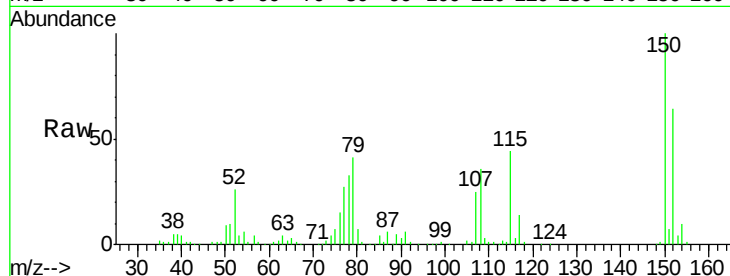
Tot Ion: 79 Resp: 130442

Ion Ratio Lower Upper

79 100

108 87.6 58.3 87.5#

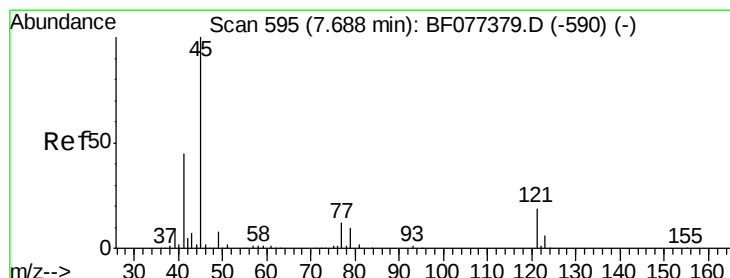
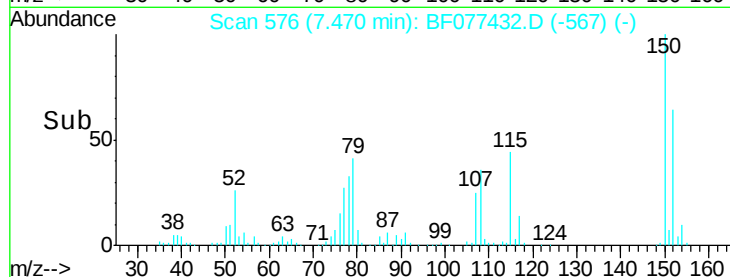
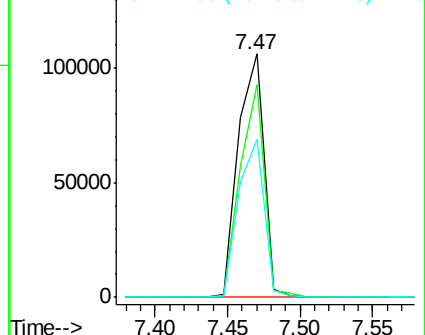
77 64.6 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.07 ng

RT: 7.65 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

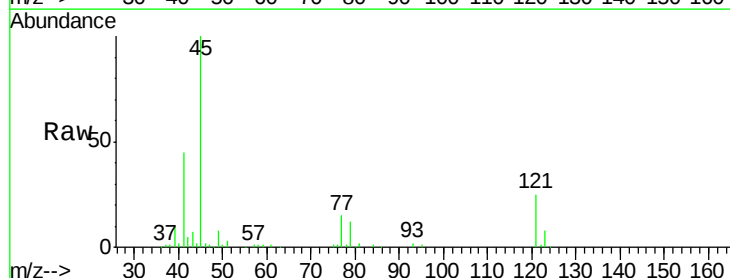
Tgt Ion: 45 Resp: 204838

Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.6

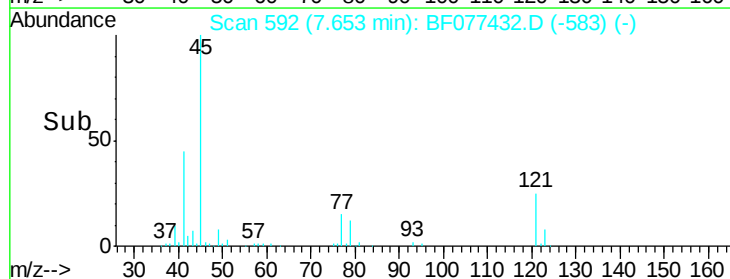
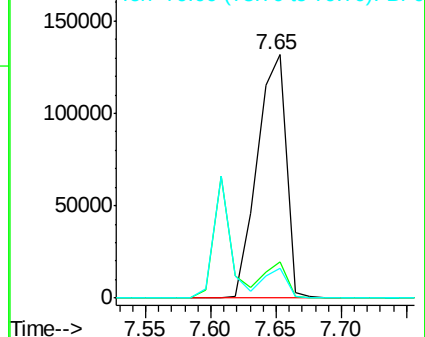
79 12.3 0.0 31.5

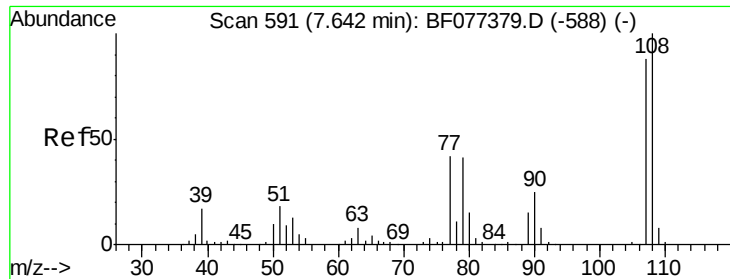


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 31.38 ng

RT: 7.61 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Instrument :

BNA_F

ClientSampleID :

PB81861BS

Tot Ion:107 Resp: 130100

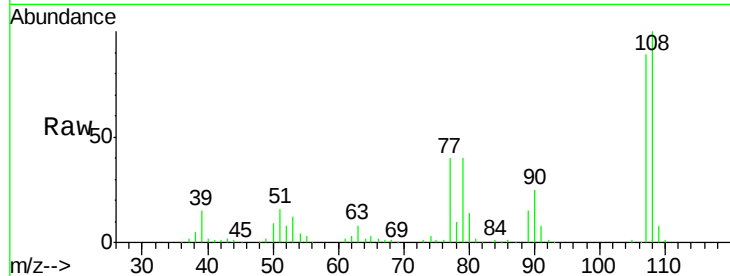
Ion Ratio Lower Upper

107 100

108 112.3 91.2 136.8

77 44.8 33.6 50.4

79 45.0 32.1 48.1

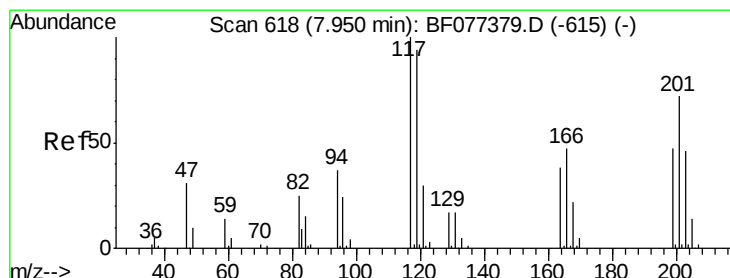
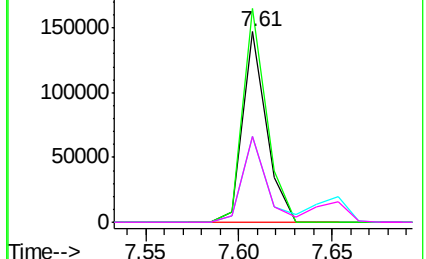
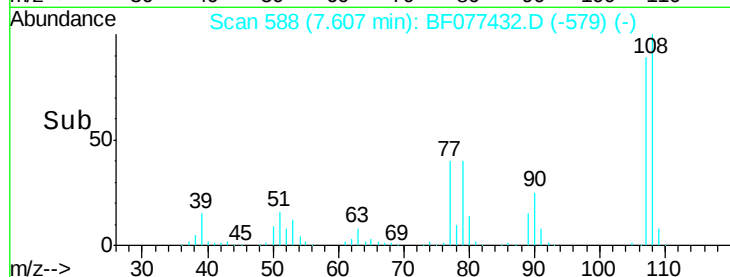


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 30.73 ng

RT: 7.92 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

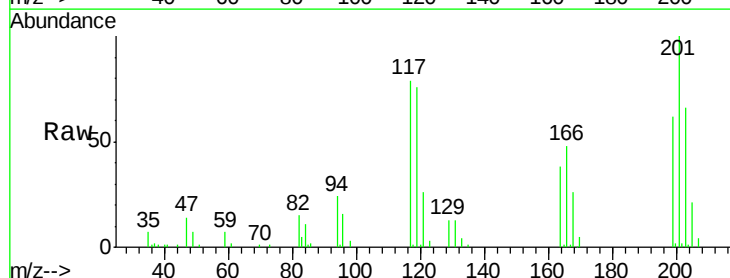
Tgt Ion:117 Resp: 60308

Ion Ratio Lower Upper

117 100

119 96.8 77.8 116.8

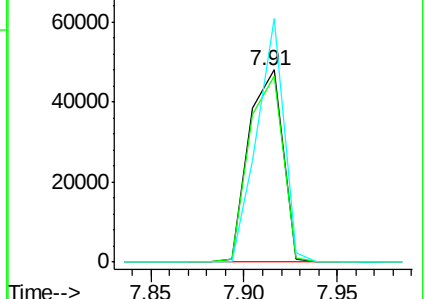
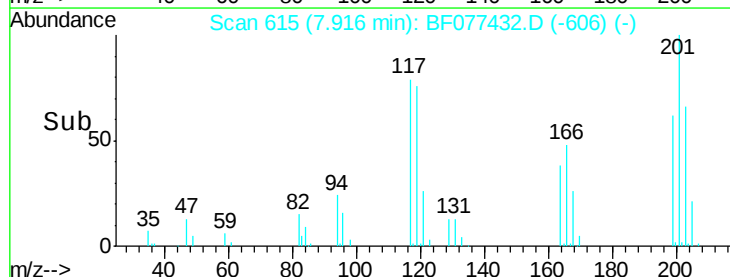
201 126.9 90.6 136.0

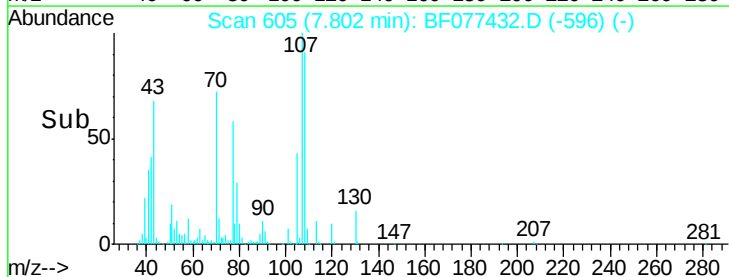
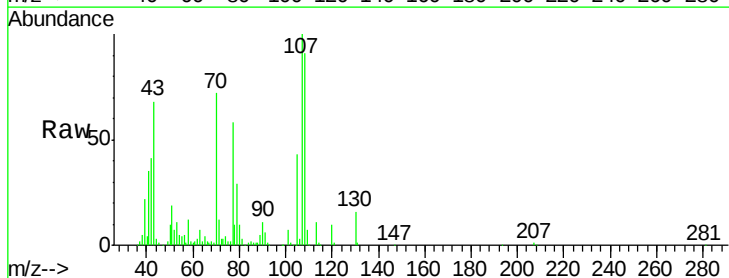
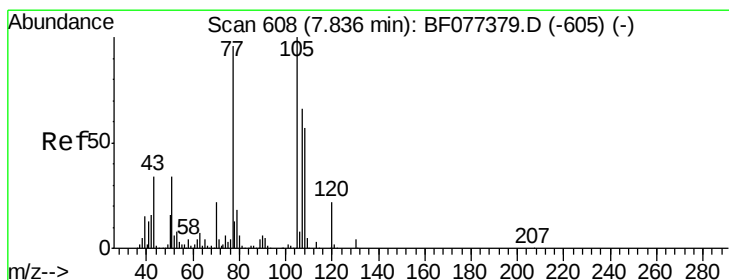
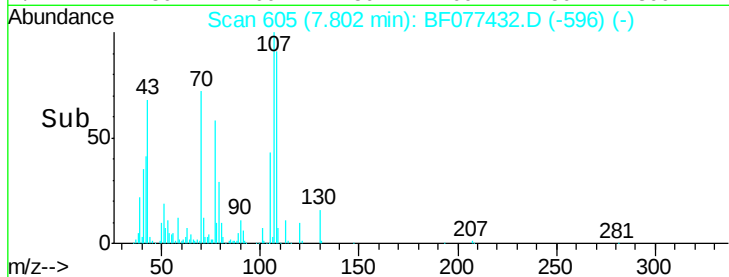
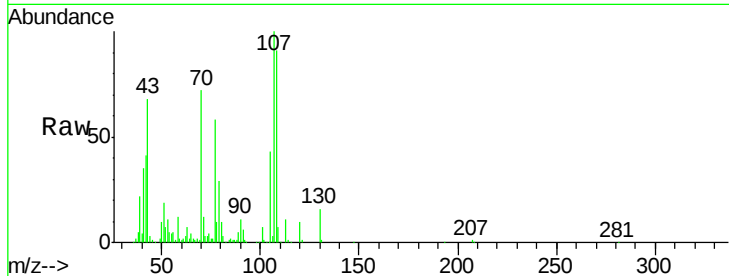
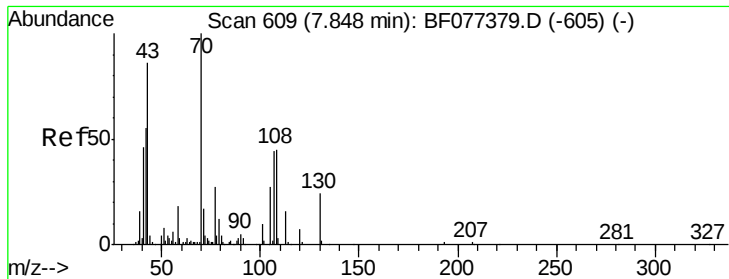


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

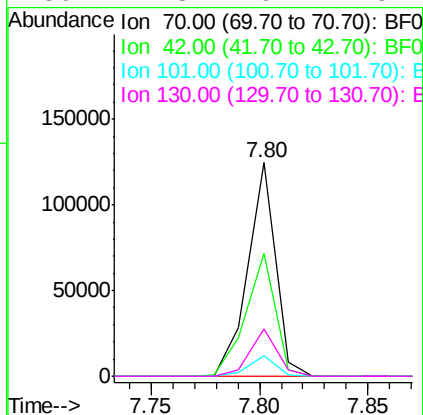




#19
n-Nitroso-di-n-propylamine
Concen: 30.07 ng
RT: 7.80 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

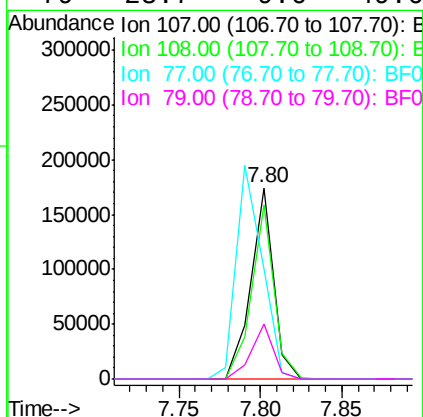
Instrument :
BNA_F
ClientSampleId :
PB81861BS

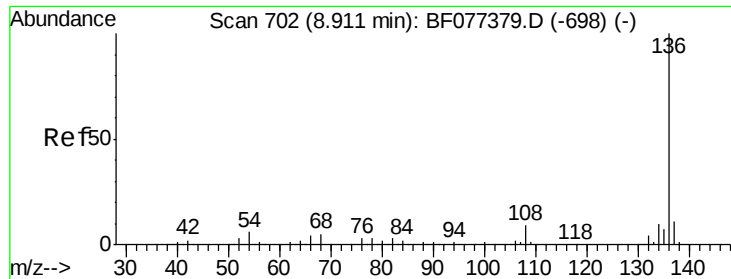
Tot Ion:	70	Resp:	110401
Ion	Ratio	Lower	Upper
70	100		
42	57.6	48.3	72.5
101	9.8	7.5	11.3
130	22.3	16.7	25.1



#20
3+4-Methylphenols
Concen: 30.94 ng
RT: 7.80 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Tgt Ion:	107	Resp:	168974
Ion	Ratio	Lower	Upper
107	100		
108	91.4	76.8	116.8
77	57.8	65.8	105.8#
79	28.7	9.6	49.6

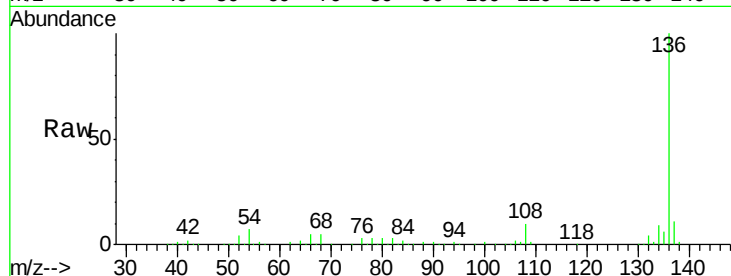




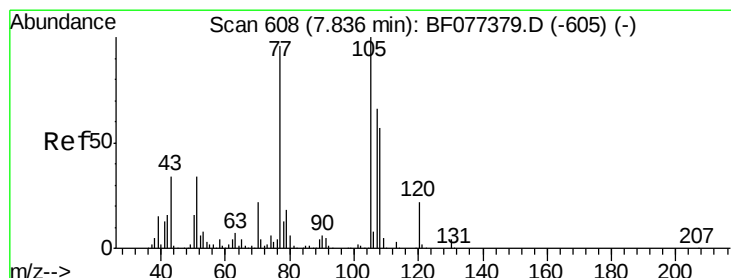
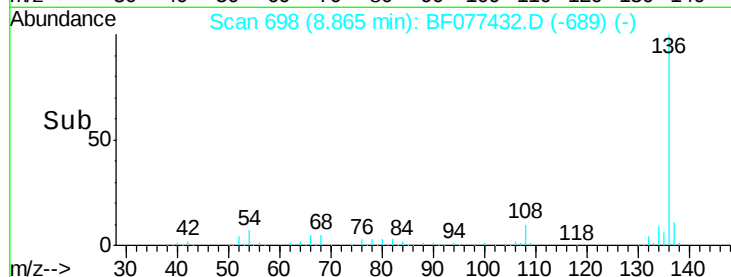
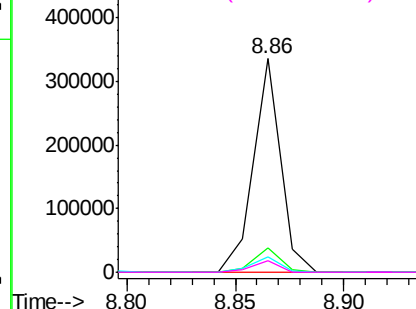
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.86 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tot Ion:136	Resp:	291007
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.6 13.0
54	6.9	6.2 9.4
68	5.3	5.0 7.6

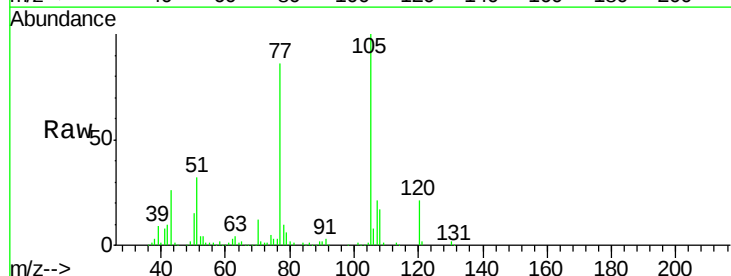


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

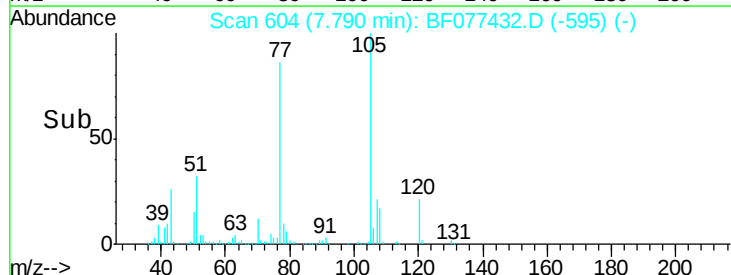
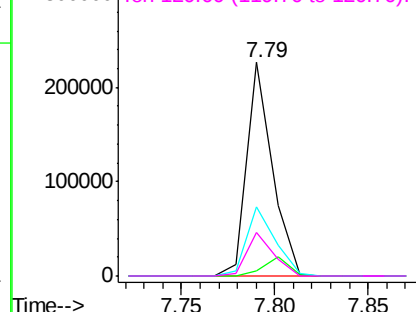


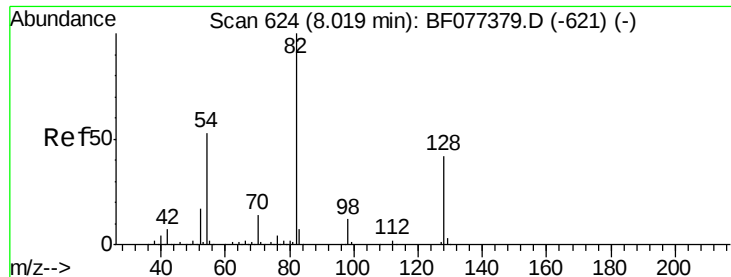
#22
Acetophenone
Concen: 31.46 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Tgt Ion:105	Resp:	215353
Ion Ratio	Lower	Upper
105	100	
71	2.3	1.7 2.5
51	32.3	30.7 46.1
120	20.7	16.7 25.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

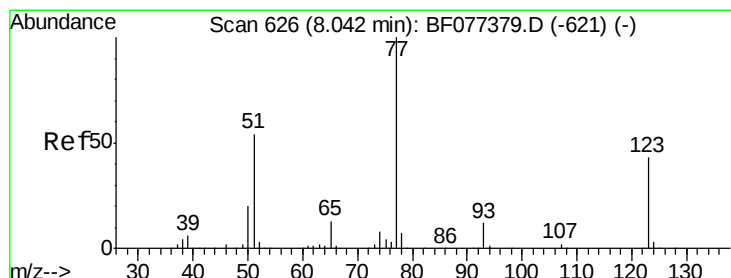
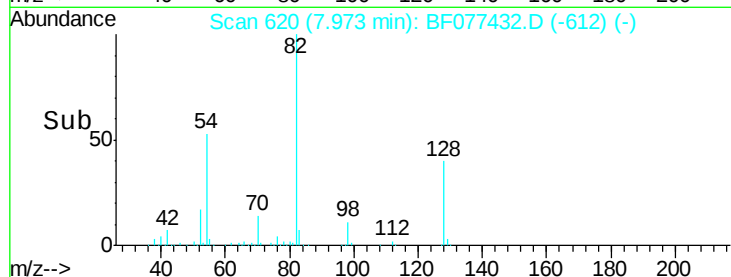
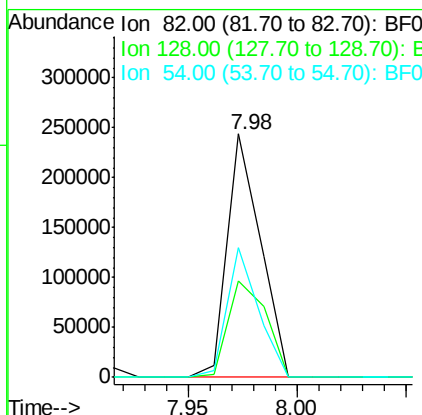
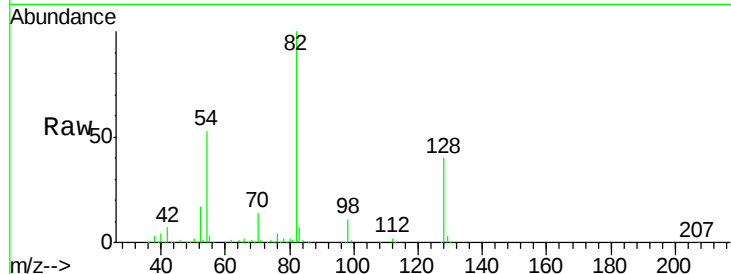




#23
 Nitrobenzene-d5
 Concen: 55.31 ng
 RT: 7.97 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

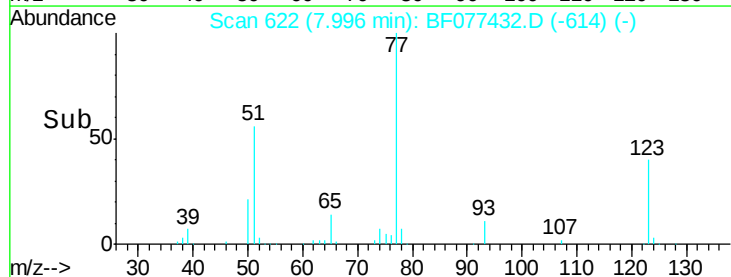
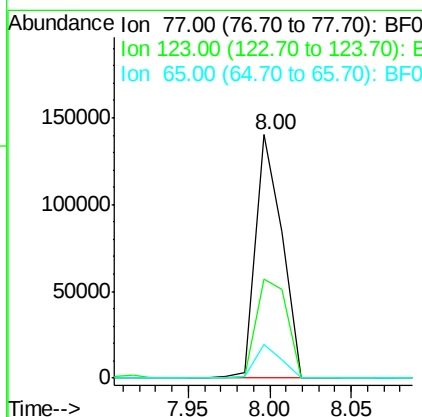
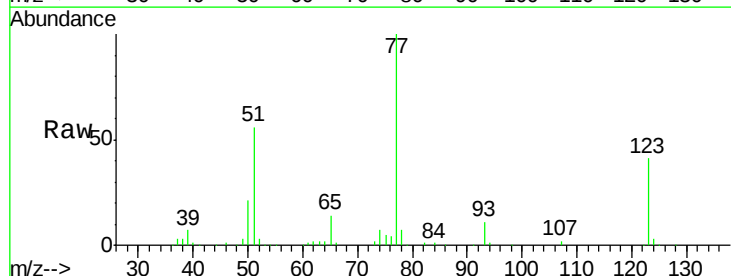
Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

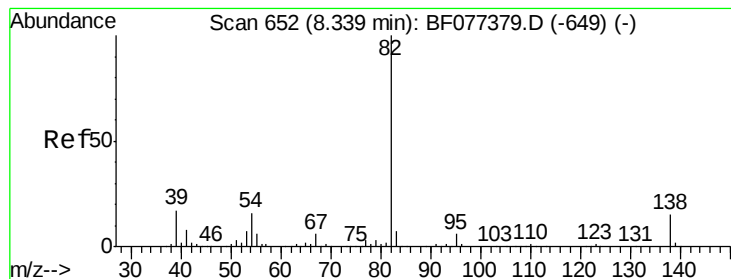
Tot Ion: 82 Resp: 258829
 Ion Ratio Lower Upper
 82 100
 128 39.8 43.8 65.8#
 54 53.0 36.7 55.1



#24
 Nitrobenzene
 Concen: 31.89 ng
 RT: 8.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Tgt Ion: 77 Resp: 157003
 Ion Ratio Lower Upper
 77 100
 123 40.5 45.9 68.9#
 65 13.6 9.5 14.3





#25

Isophorone

Concen: 30.98 ng

RT: 8.30 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB81861BS

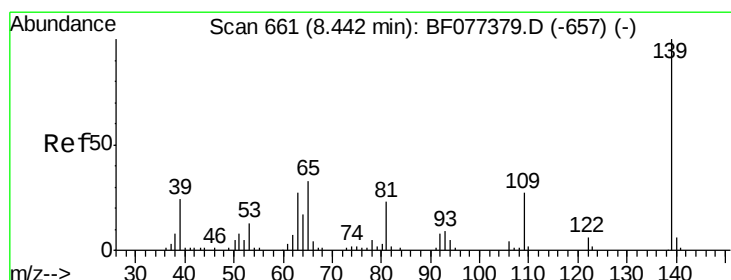
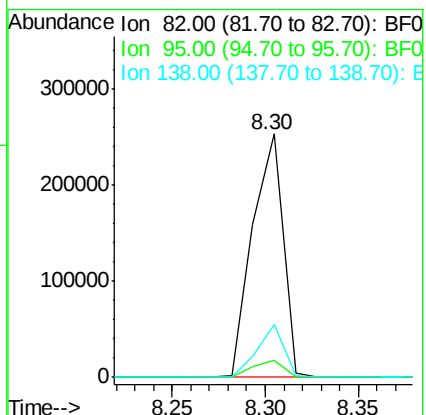
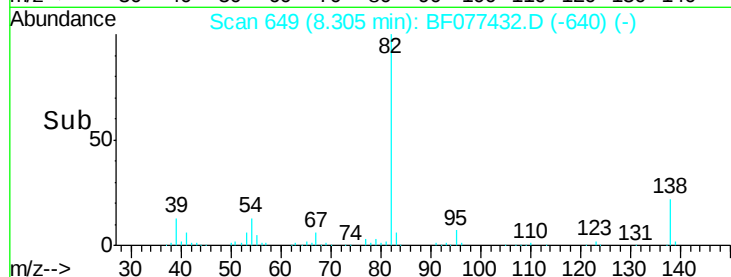
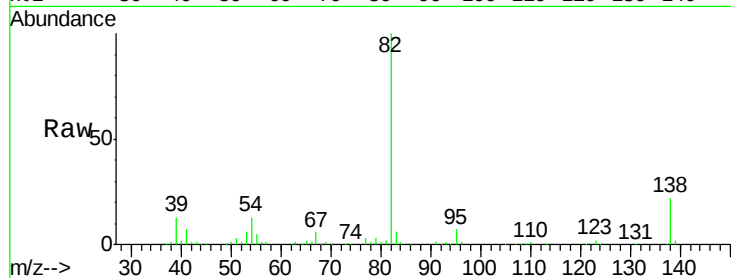
Tot Ion: 82 Resp: 287657

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 21.7 16.3 24.5



#26

2-Nitrophenol

Concen: 38.38 ng

RT: 8.40 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

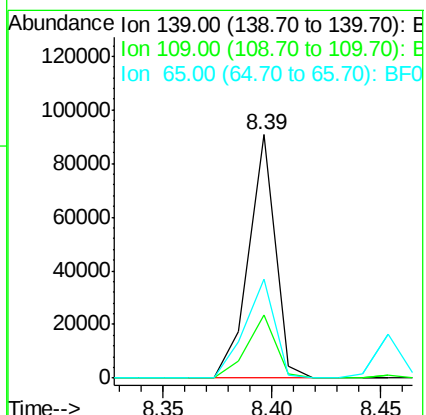
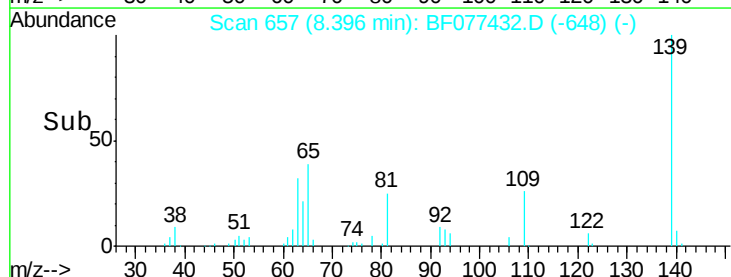
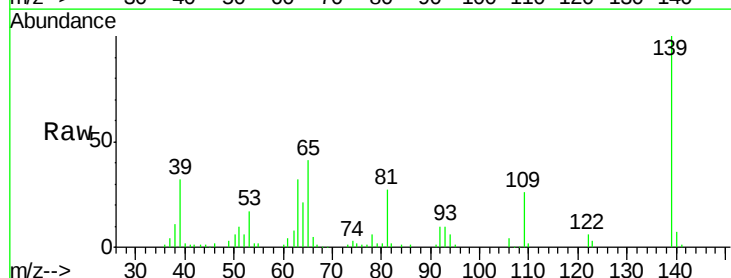
Tgt Ion: 139 Resp: 77457

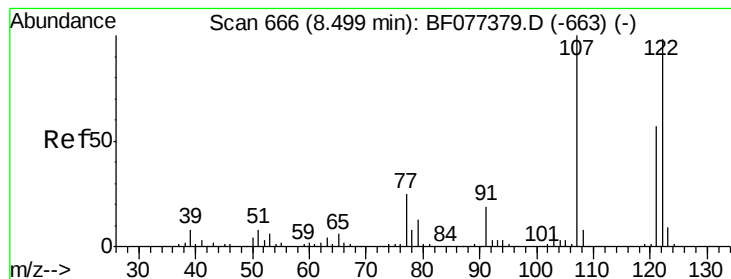
Ion Ratio Lower Upper

139 100

109 26.2 22.6 34.0

65 40.5 36.4 54.6





#27

2,4-Dimethylphenol

Concen: 32.62 ng

RT: 8.45 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB81861BS

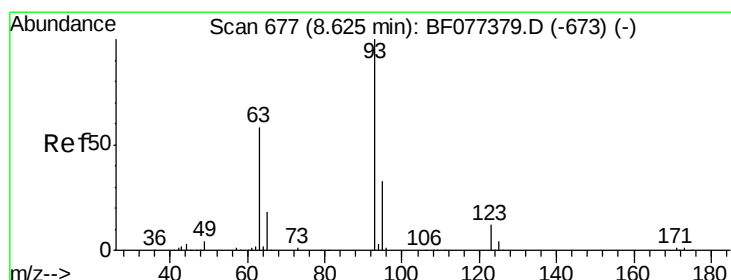
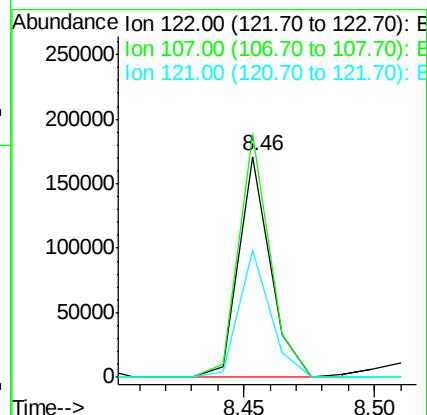
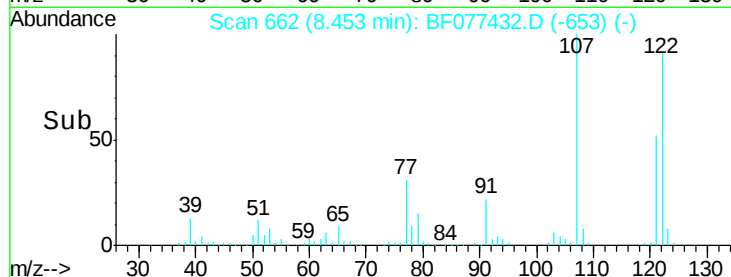
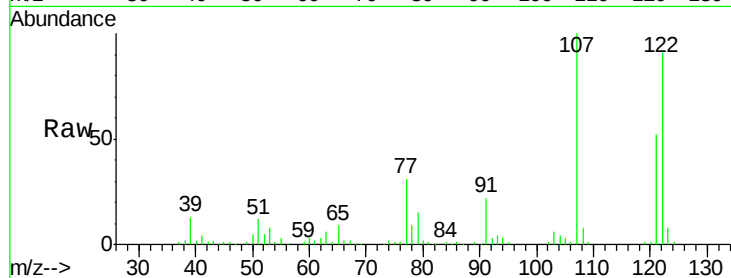
Tot Ion:122 Resp: 147256

Ion Ratio Lower Upper

122 100

107 110.3 86.6 130.0

121 57.7 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 31.64 ng

RT: 8.58 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

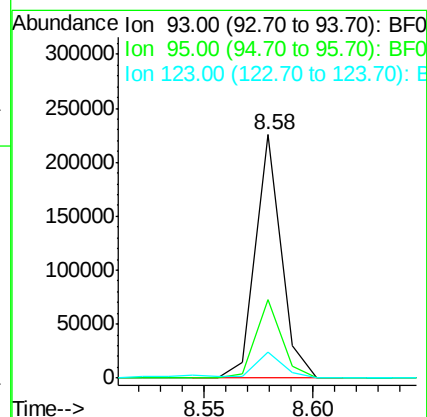
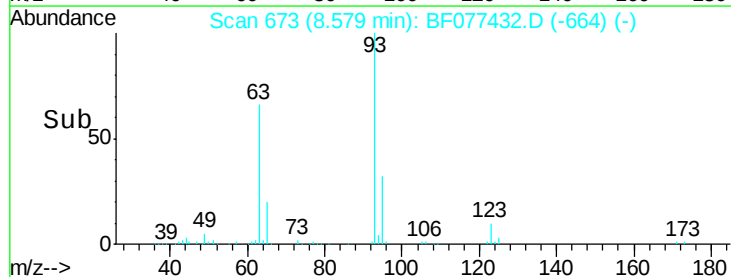
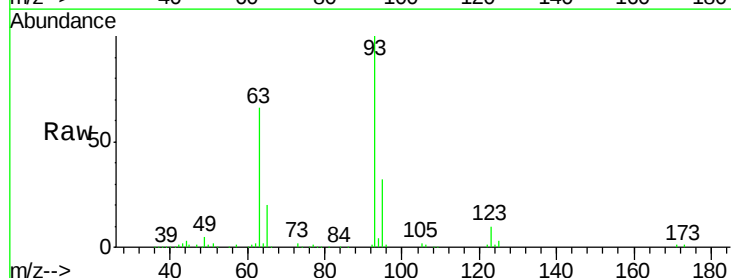
Tgt Ion: 93 Resp: 185589

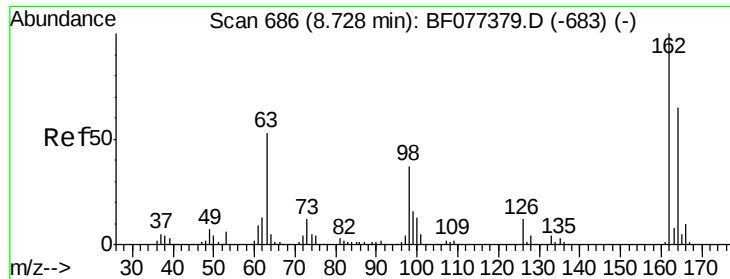
Ion Ratio Lower Upper

93 100

95 32.1 26.4 39.6

123 10.4 8.7 13.1

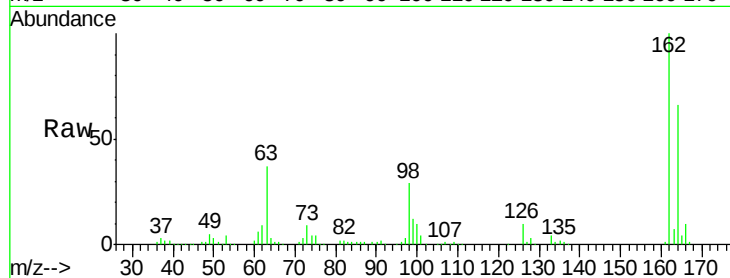




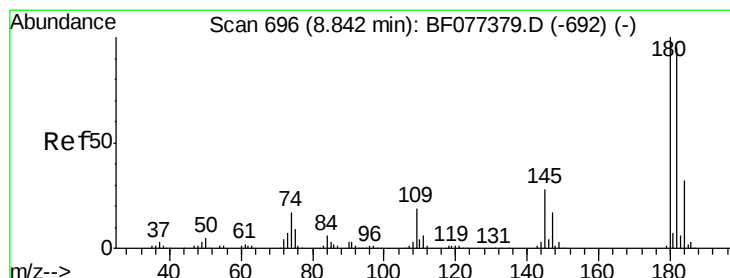
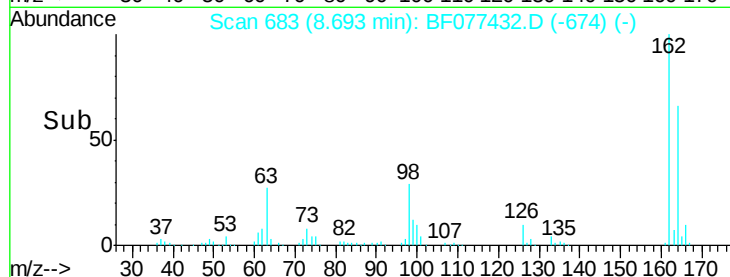
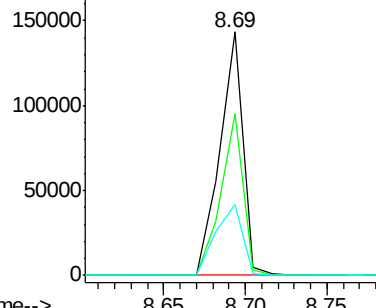
#29
 2,4-Dichlorophenol
 Concen: 33.03 ng
 RT: 8.69 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	46.4	86.4
98	28.9	6.9	46.9

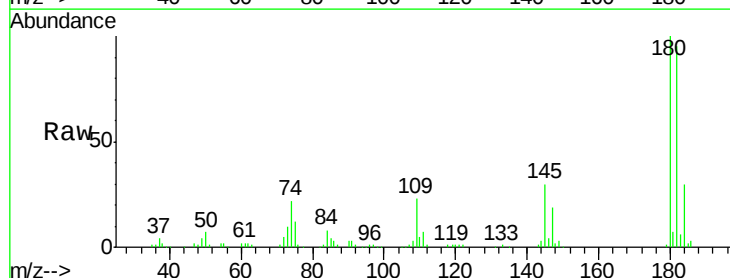


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

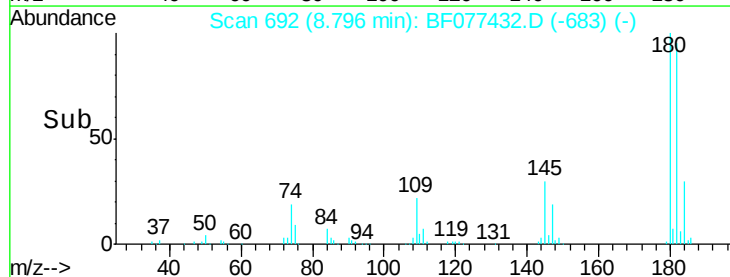
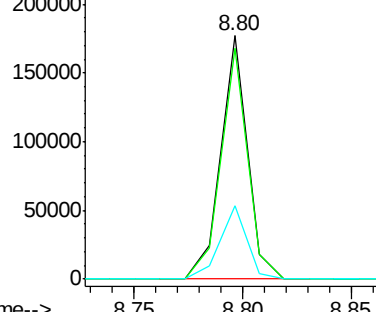


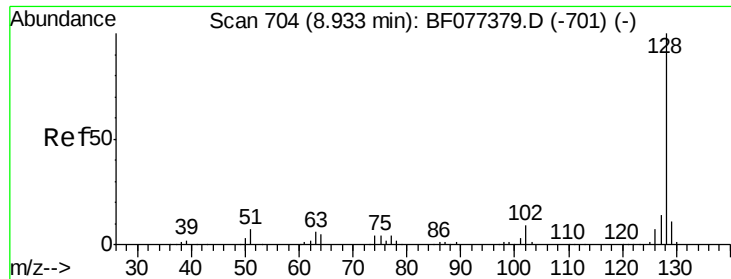
#30
 1,2,4-Trichlorobenzene
 Concen: 32.30 ng
 RT: 8.80 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.4
145	30.3	24.5	36.7



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

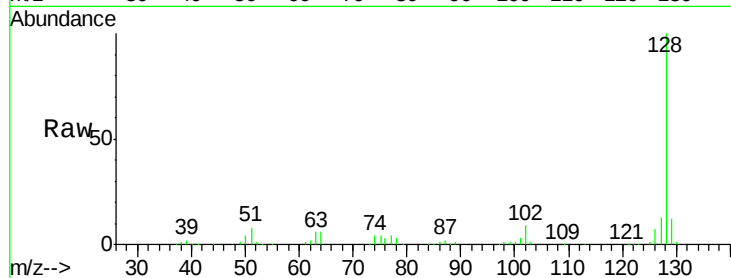




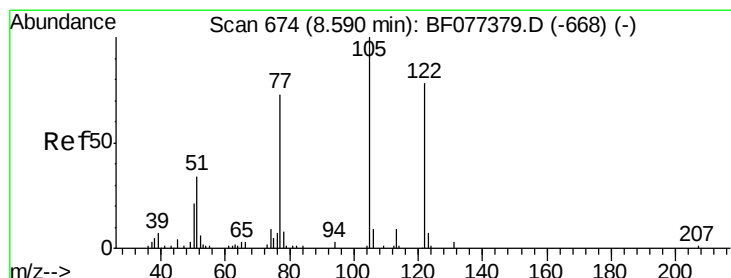
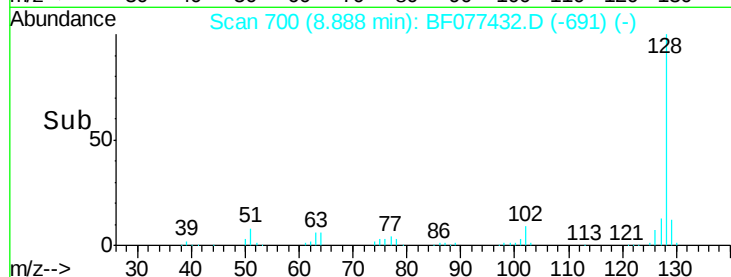
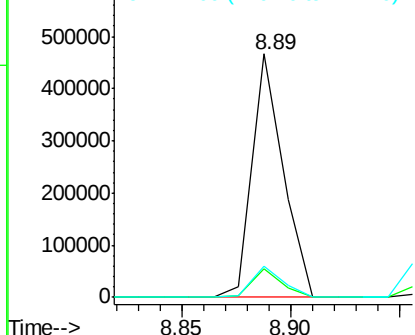
#31
Naphthalene
Concen: 31.79 ng
RT: 8.89 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tot Ion:128 Resp: 462691
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.0 10.6 15.8

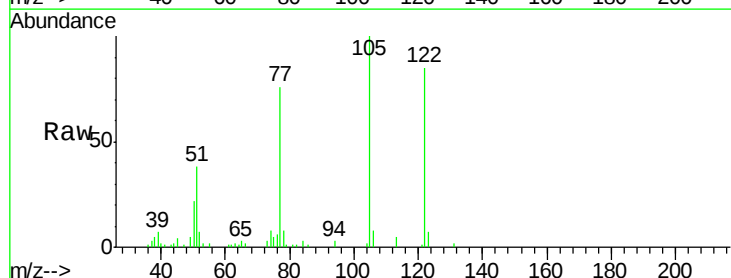


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

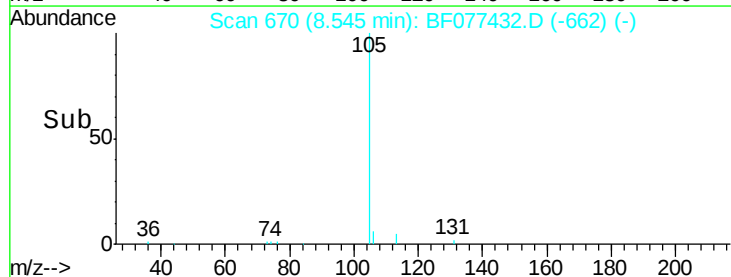
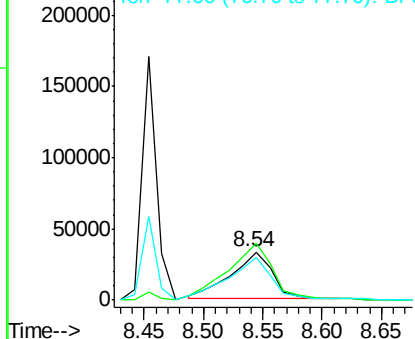


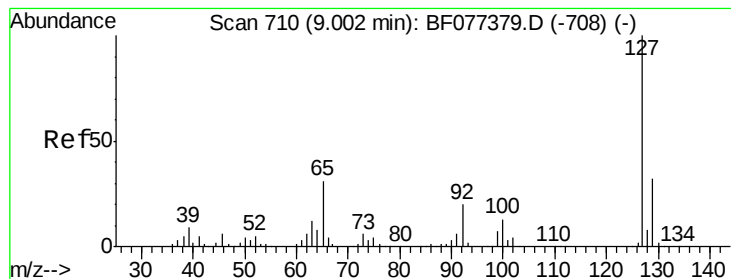
#32
Benzoic acid
Concen: 36.27 ng
RT: 8.54 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Tgt Ion:122 Resp: 79569
Ion Ratio Lower Upper
122 100
105 117.4 100.3 140.3
77 89.6 68.7 108.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 14.90 ng

RT: 8.97 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB81861BS

Tot Ion:127 Resp: 96430

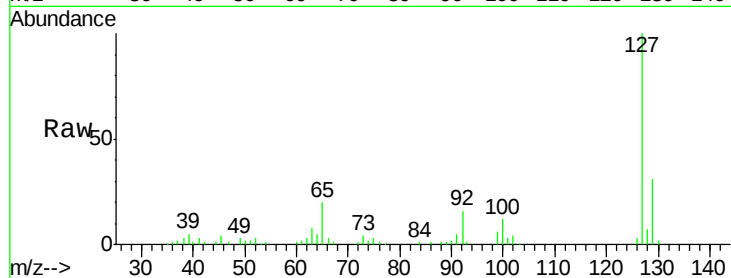
Ion Ratio Lower Upper

127 100

129 31.5 26.9 40.3

65 20.2 16.7 25.1

92 15.7 12.5 18.7

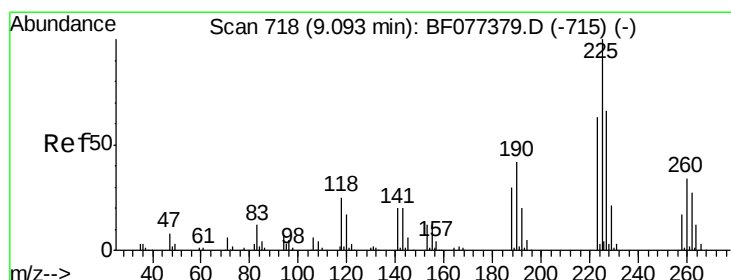
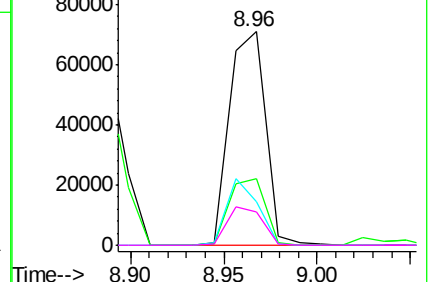
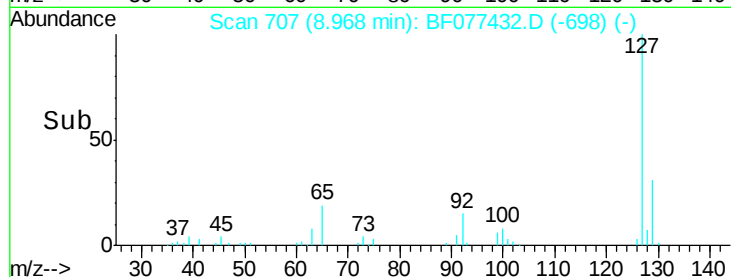


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 32.21 ng

RT: 9.05 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

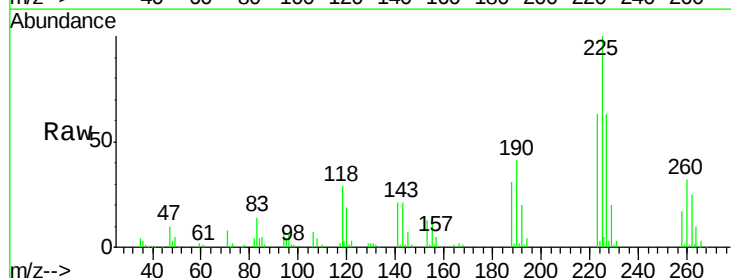
Tgt Ion:225 Resp: 85683

Ion Ratio Lower Upper

225 100

223 63.1 49.5 74.3

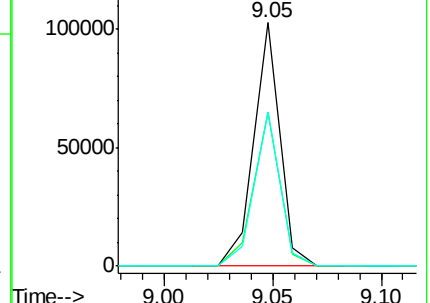
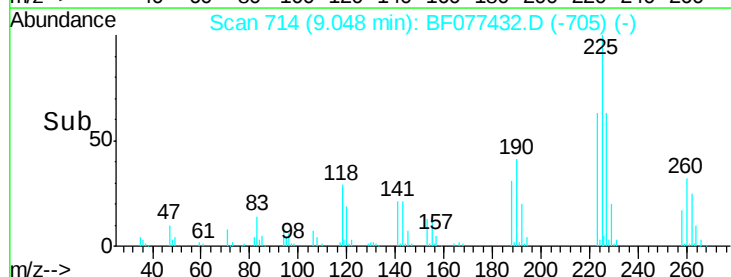
227 63.5 50.5 75.7

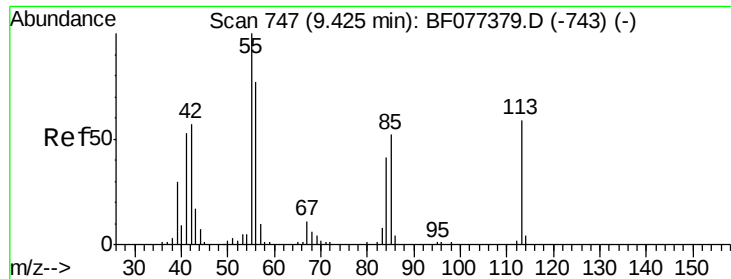


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

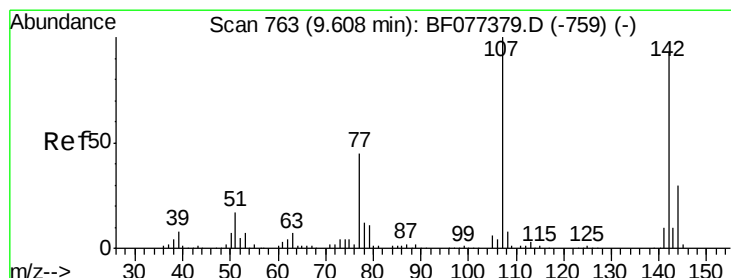
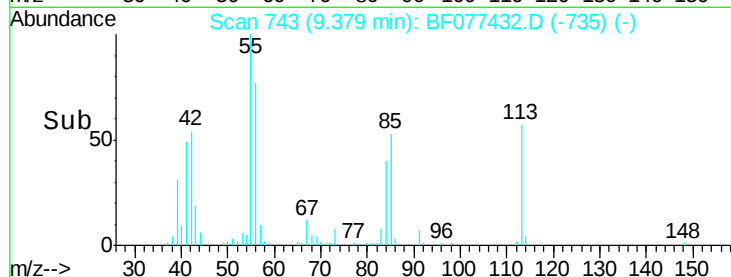
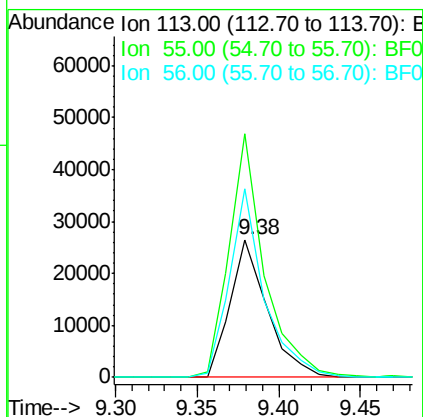
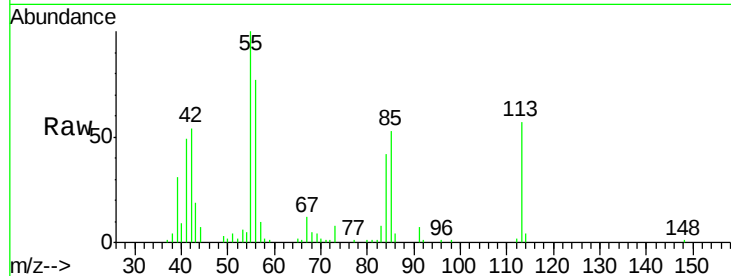




#35
Caprolactam
Concen: 32.43 ng
RT: 9.38 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

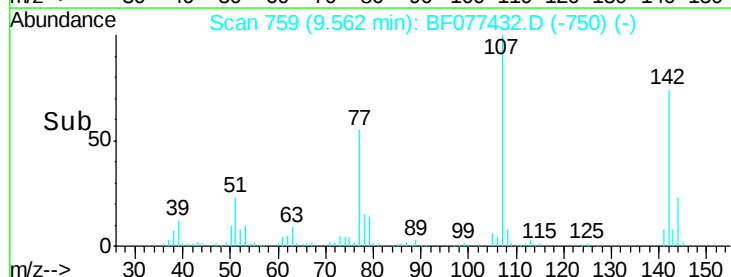
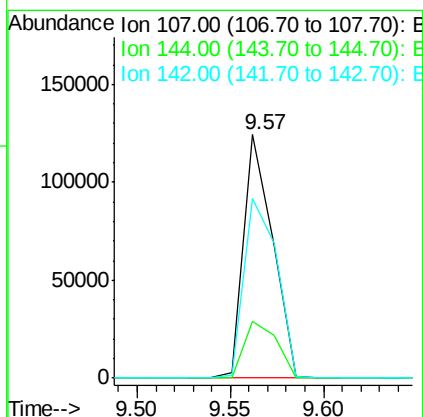
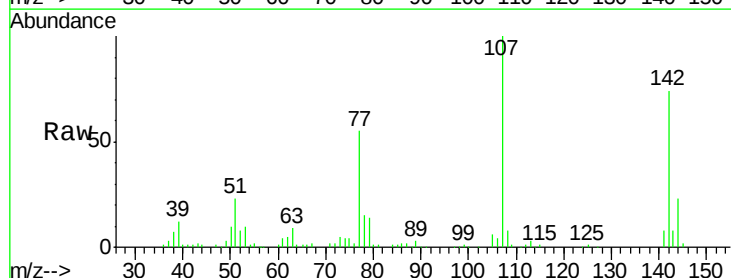
Instrument :
BNA_F
ClientSampleId :
PB81861BS

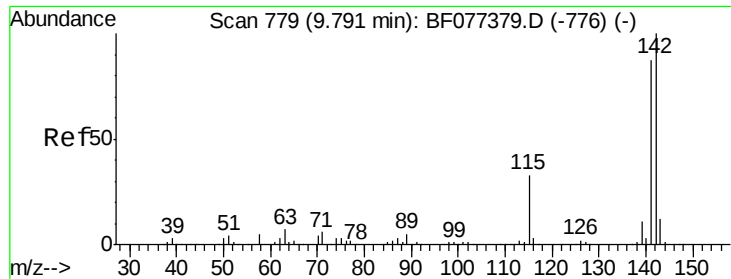
Tot Ion:113 Resp: 41960
Ion Ratio Lower Upper
113 100
55 176.8 154.6 194.6
56 136.6 114.0 154.0



#36
4-Chloro-3-methylphenol
Concen: 31.51 ng
RT: 9.56 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Tgt Ion:107 Resp: 134261
Ion Ratio Lower Upper
107 100
144 23.5 21.1 31.7
142 73.6 65.3 97.9

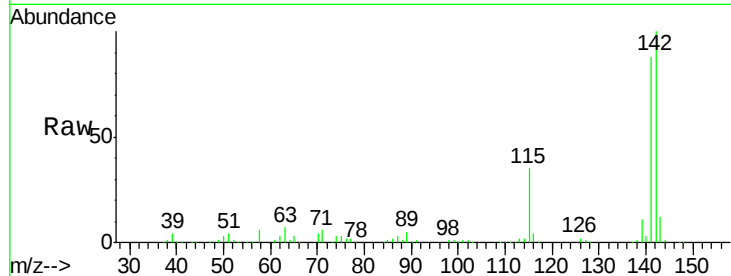




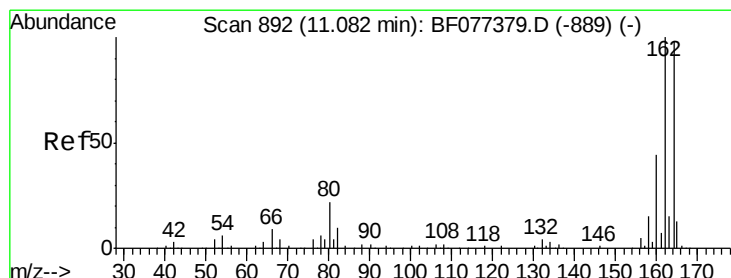
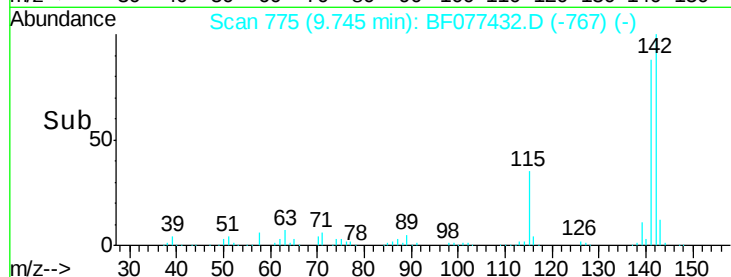
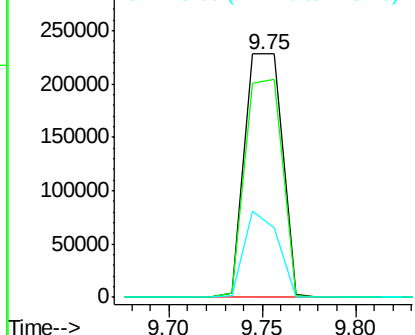
#37
 2-Methylnaphthalene
 Concen: 30.72 ng
 RT: 9.74 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Tot Ion:142 Resp: 317514
 Ion Ratio Lower Upper
 142 100
 141 88.2 70.7 106.1
 115 35.4 24.2 36.4

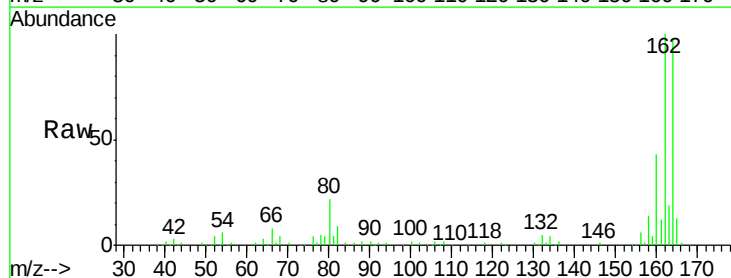


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

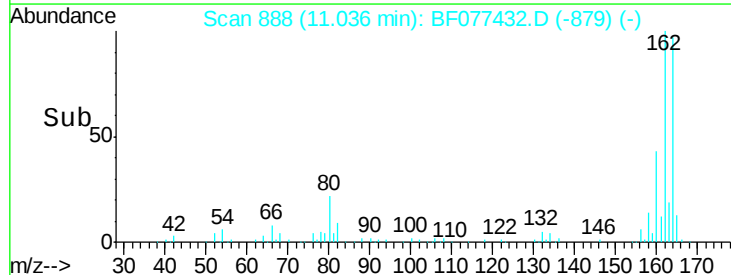
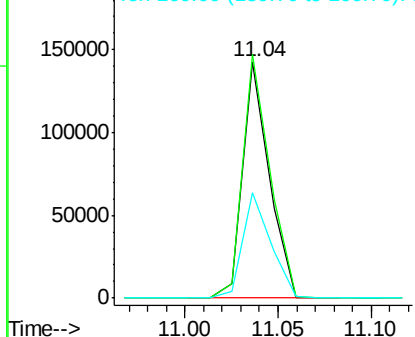


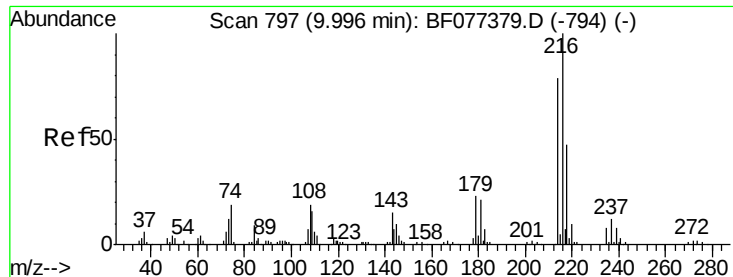
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Tgt Ion:164 Resp: 141513
 Ion Ratio Lower Upper
 164 100
 162 103.1 83.2 124.8
 160 44.8 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

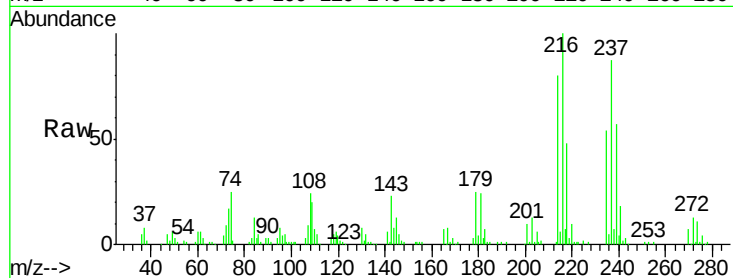




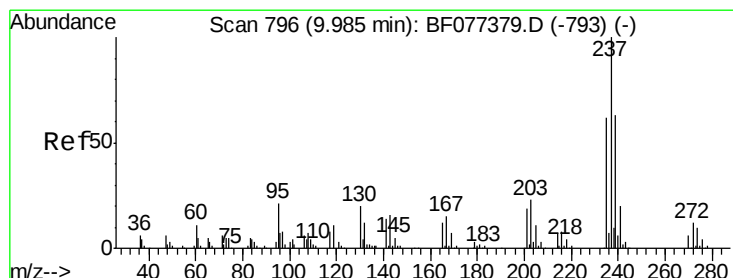
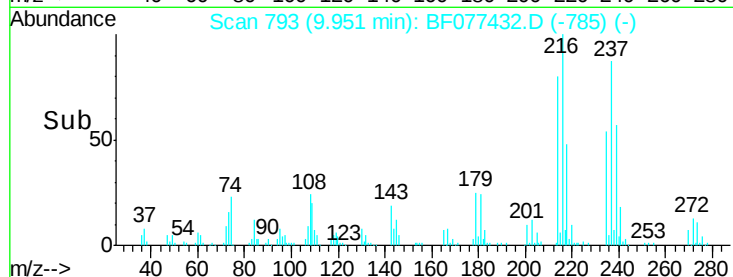
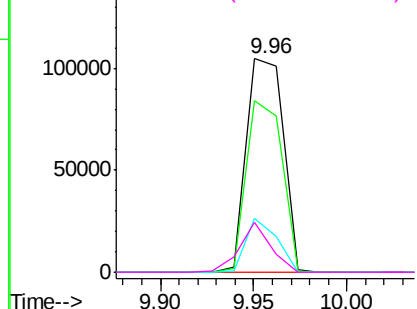
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.38 ng
 RT: 9.95 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Tot Ion:216	Resp:	143677
Ion Ratio	Lower	Upper
216	100	
214	77.9	63.4 95.0
179	21.3	16.6 25.0
108	19.9	14.2 21.4

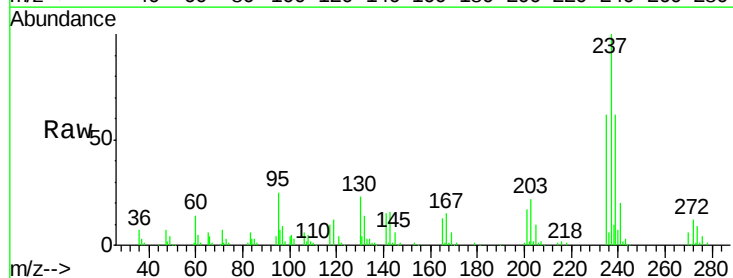


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

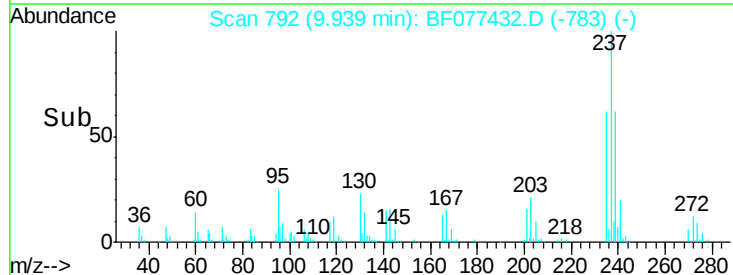
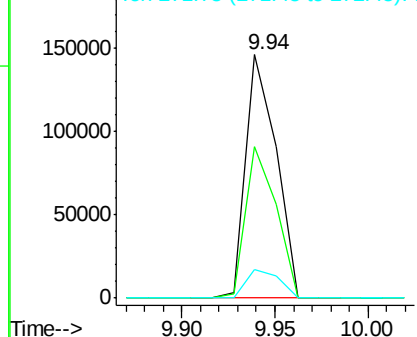


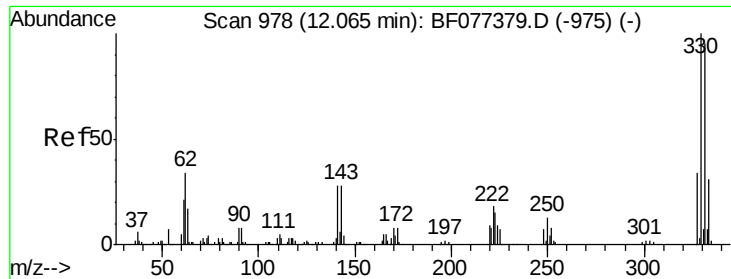
#40
 Hexachlorocyclopentadiene
 Concen: 76.16 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Tgt Ion:237	Resp:	165811
Ion Ratio	Lower	Upper
237	100	
235	62.4	41.0 81.0
272	11.8	0.0 34.3



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

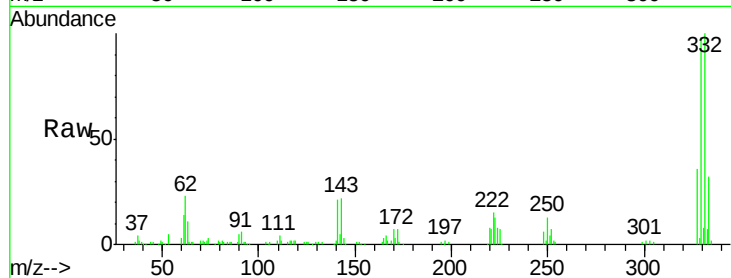




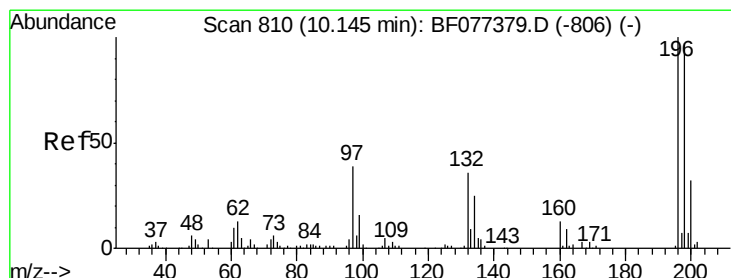
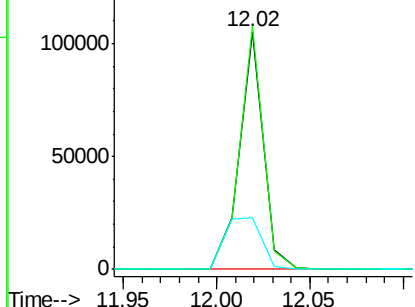
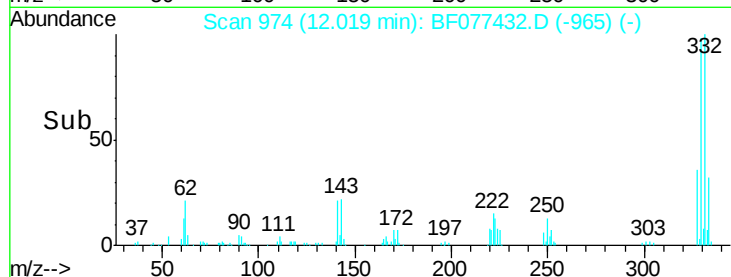
#41
 2,4,6-Tribromophenol
 Concen: 69.51 ng
 RT: 12.02 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Tot Ion:330 Resp: 94714
 Ion Ratio Lower Upper
 330 100
 332 100.8 77.4 116.2
 141 33.9 28.8 43.2

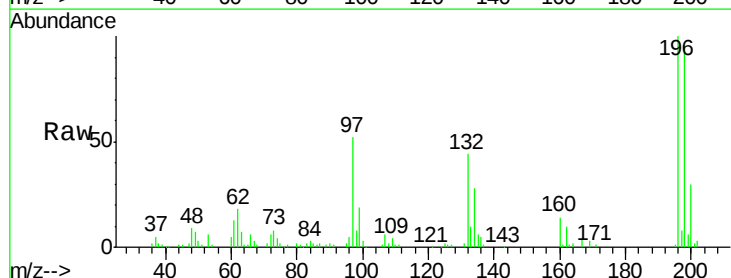


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

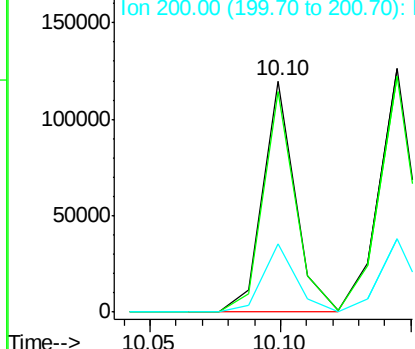
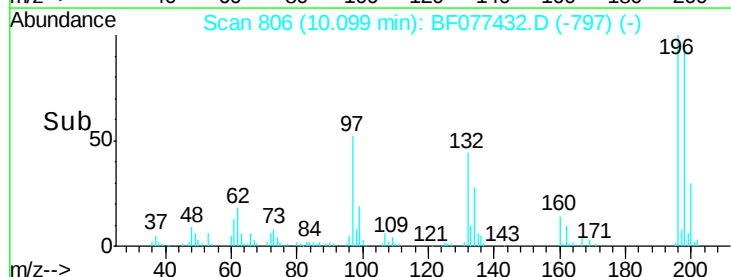


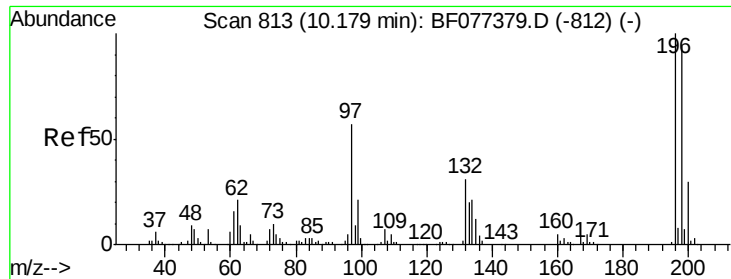
#42
 2,4,6-Trichlorophenol
 Concen: 38.39 ng
 RT: 10.10 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Tgt Ion:196 Resp: 103220
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.8 113.8
 200 29.6 24.2 36.4



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

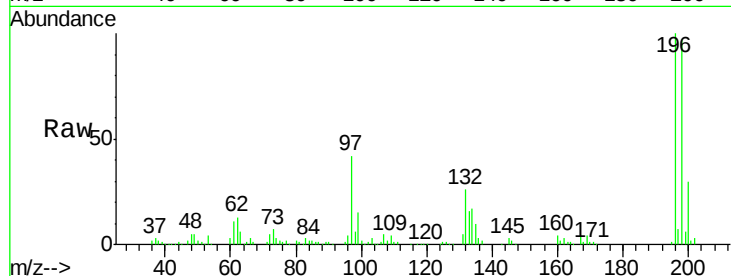




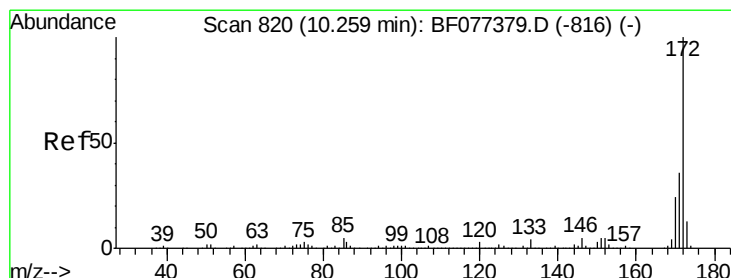
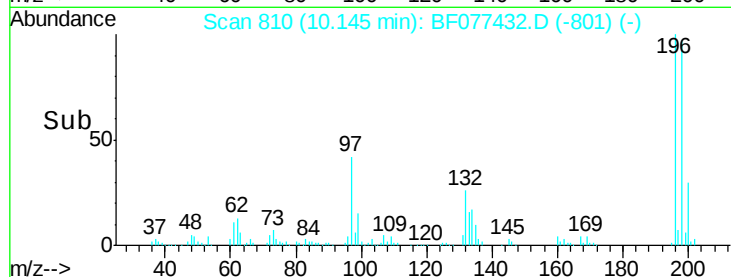
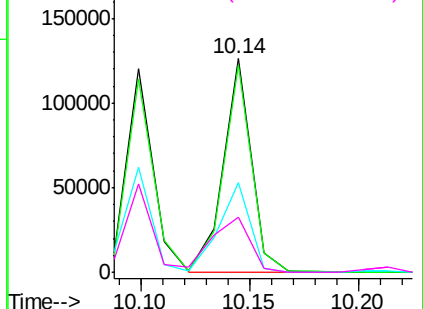
#43
2,4,5-Trichlorophenol
Concen: 39.15 ng
RT: 10.14 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tot Ion	196	Resp	112569
Ion Ratio	Lower	Upper	
196	100		
198	97.1	77.2	115.8
97	41.7	27.7	41.5#
132	25.9	18.0	27.0



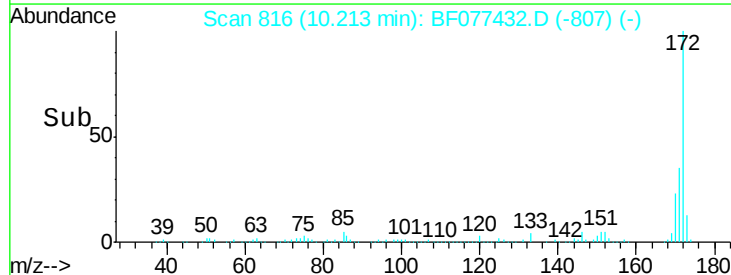
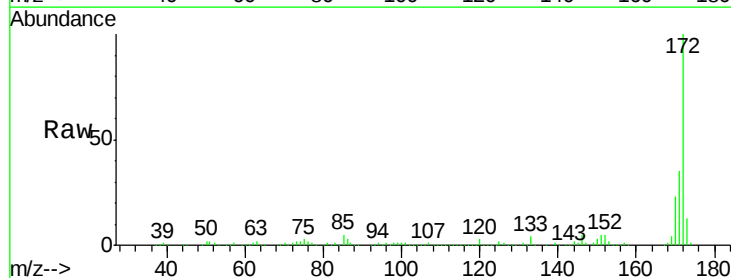
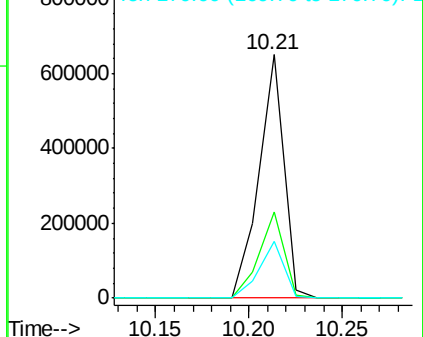
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

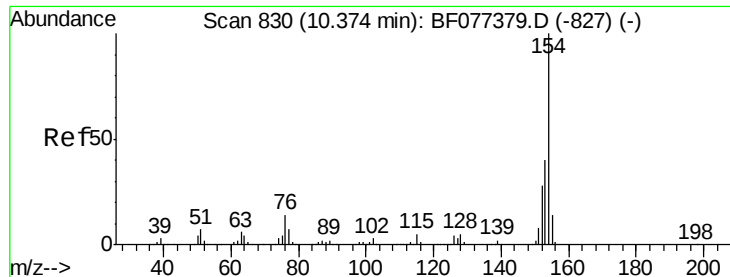


#44
2-Fluorobiphenyl
Concen: 66.08 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Tgt Ion	172	Resp	599735
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.9	43.3
170	23.2	19.4	29.2

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





#45

1,1'-Biphenyl

Concen: 34.86 ng

RT: 10.33 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB81861BS

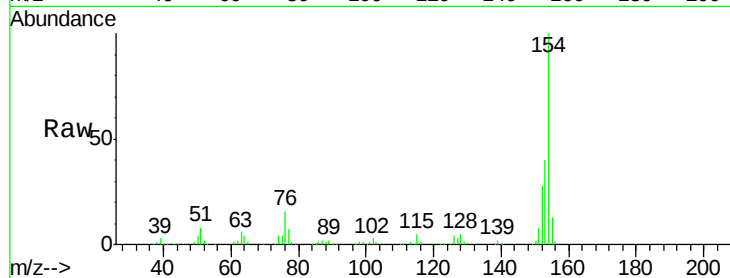
Tot Ion:154 Resp: 373725

Ion Ratio Lower Upper

154 100

153 40.0 20.2 60.2

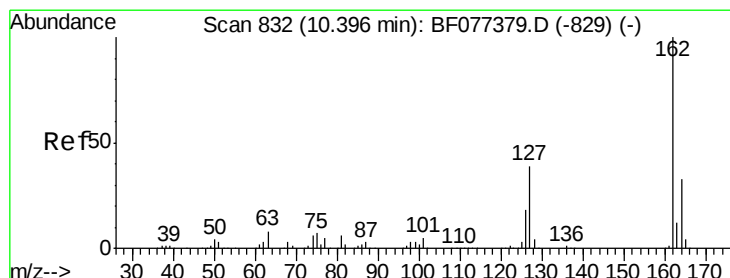
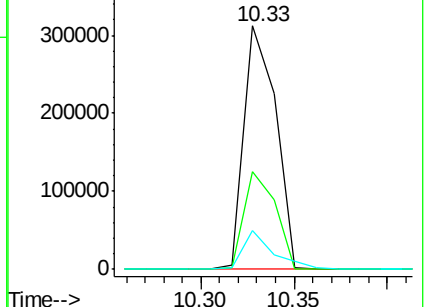
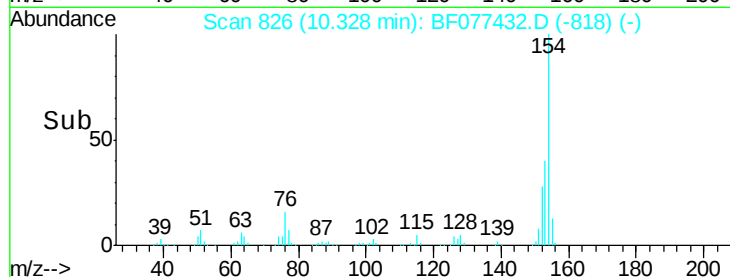
76 15.8 0.0 29.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.17 ng

RT: 10.35 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

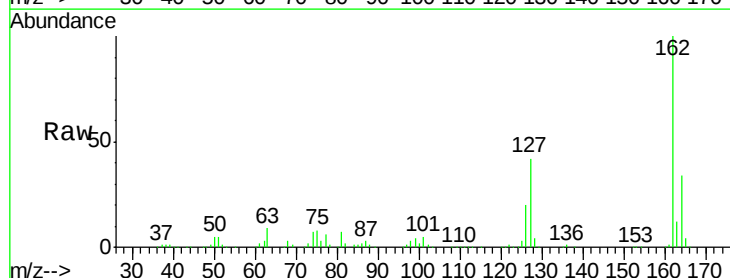
Tgt Ion:162 Resp: 304152

Ion Ratio Lower Upper

162 100

127 42.1 33.3 49.9

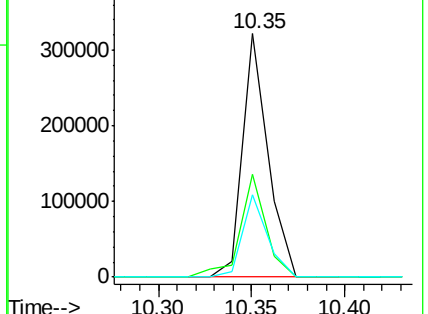
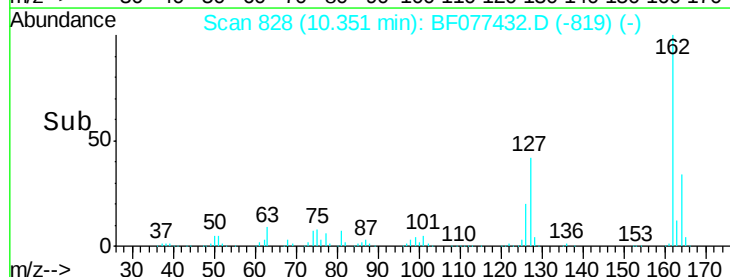
164 33.7 26.2 39.4

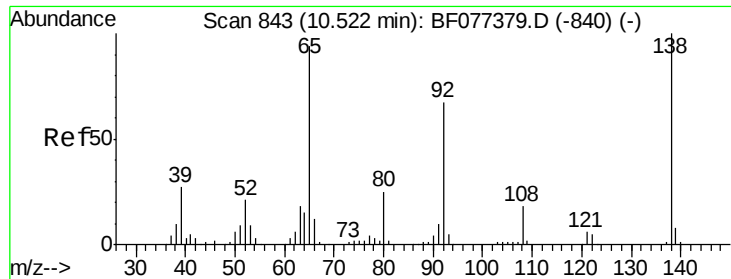


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

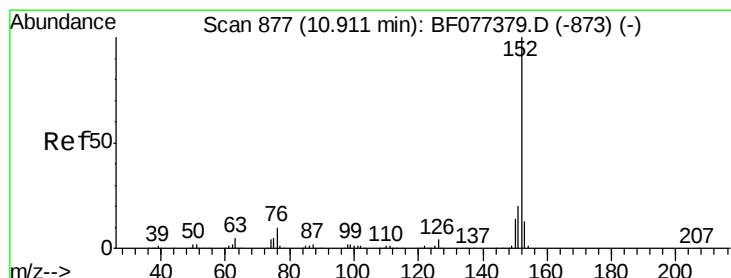
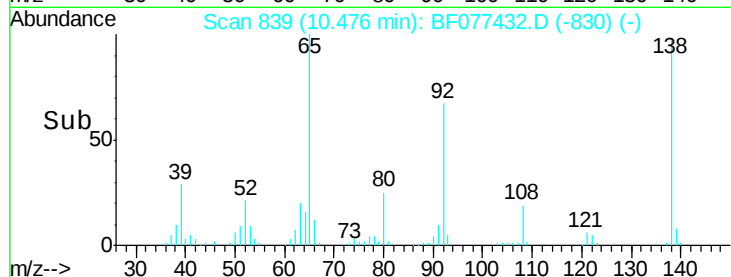
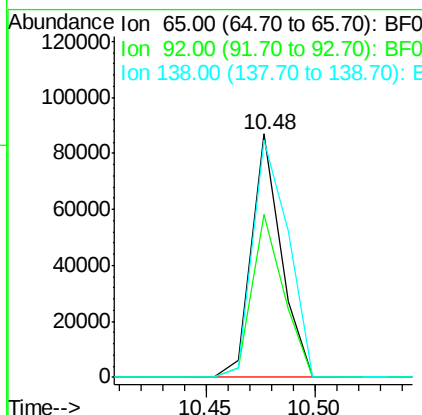
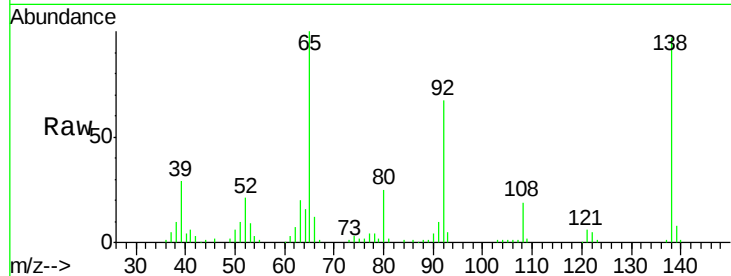




#47
2-Nitroaniline
Concen: 39.88 ng
RT: 10.48 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

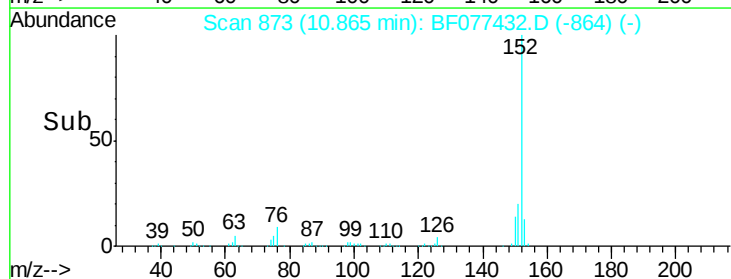
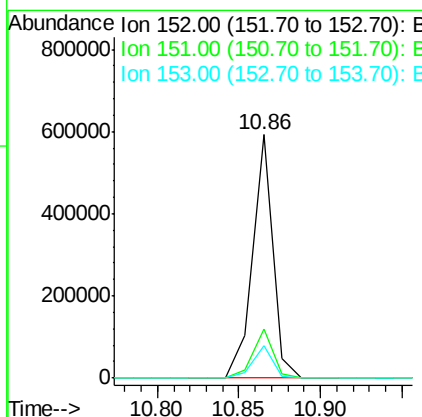
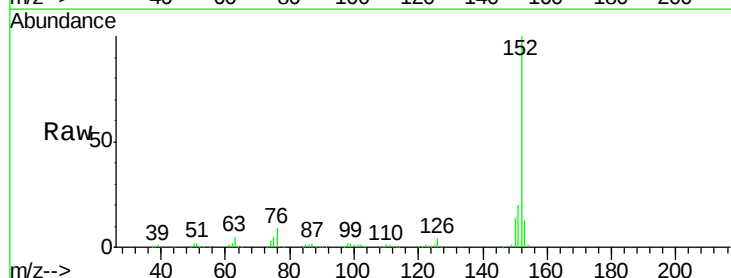
Instrument :
BNA_F
ClientSampleId :
PB81861BS

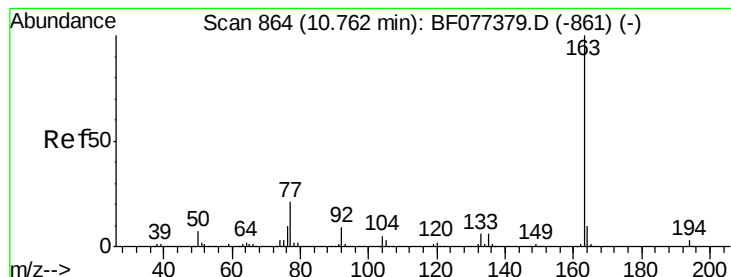
Tot Ion: 65 Resp: 82549
Ion Ratio Lower Upper
65 100
92 67.1 52.4 78.6
138 97.2 73.4 110.0



#48
Acenaphthylene
Concen: 38.47 ng
RT: 10.86 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Tgt Ion: 152 Resp: 512069
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.4 10.9 16.3





#49

Dimethylphthalate

Concen: 35.79 ng

RT: 10.72 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB81861BS

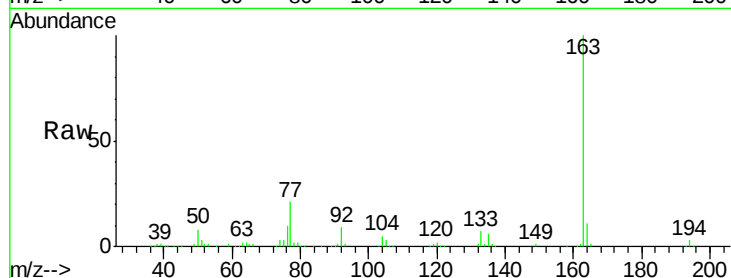
Tot Ion:163 Resp: 356063

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

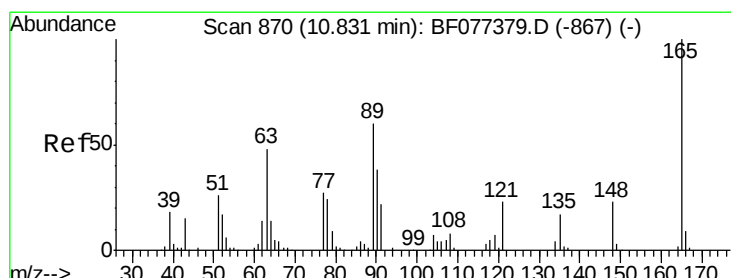
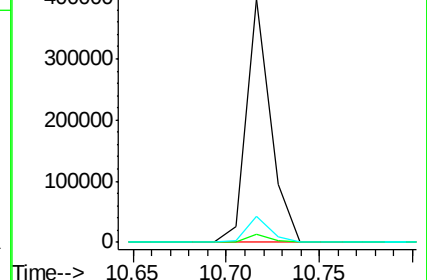
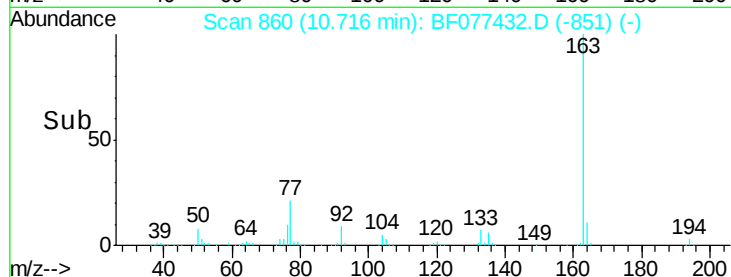
164 10.6 8.6 13.0



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: 38.59 ng

RT: 10.78 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

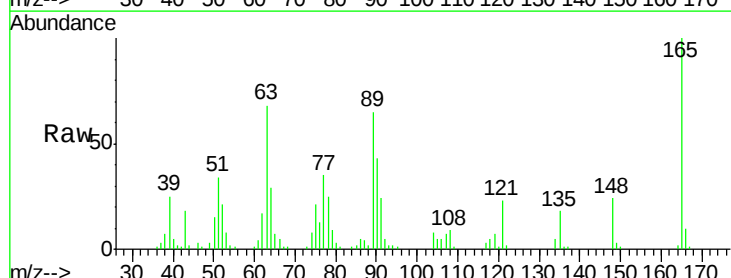
Tgt Ion:165 Resp: 76991

Ion Ratio Lower Upper

165 100

63 67.9 25.2 37.8#

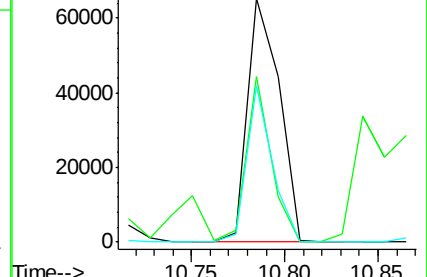
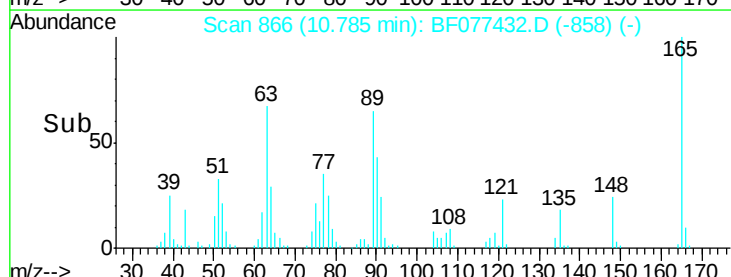
89 64.5 30.5 45.7#

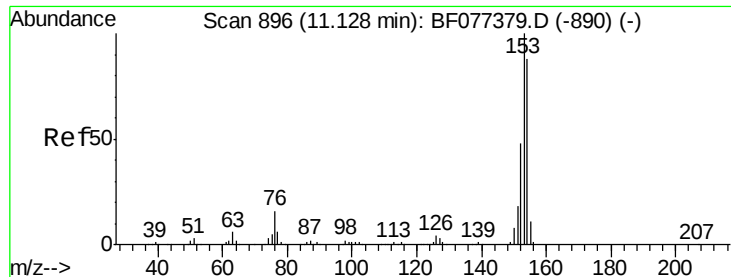


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.59 ng

RT: 11.08 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB81861BS

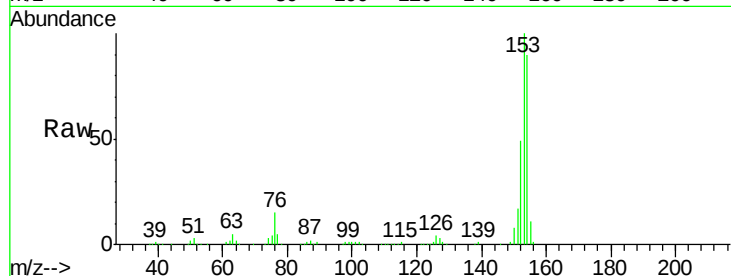
Tot Ion:154 Resp: 298597

Ion Ratio Lower Upper

154 100

153 111.5 90.5 135.7

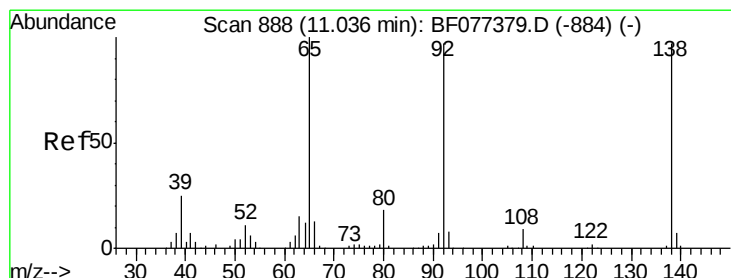
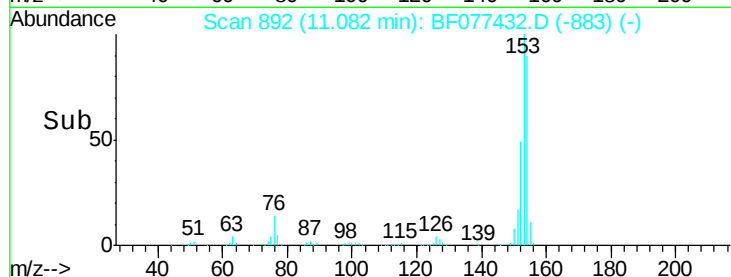
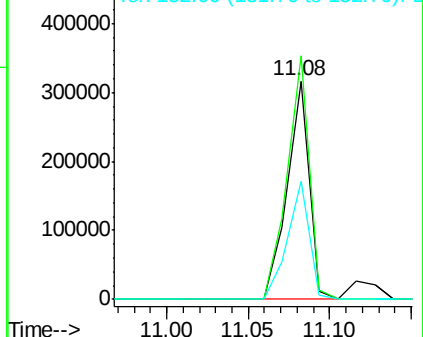
152 54.2 43.5 65.3



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: 27.51 ng

RT: 10.99 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

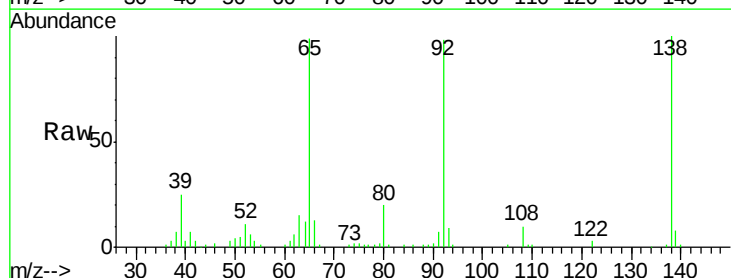
Tgt Ion:138 Resp: 63260

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.8

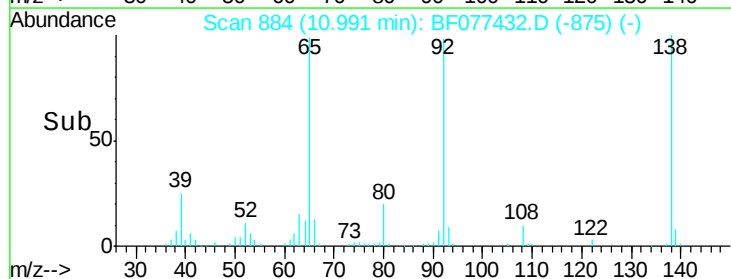
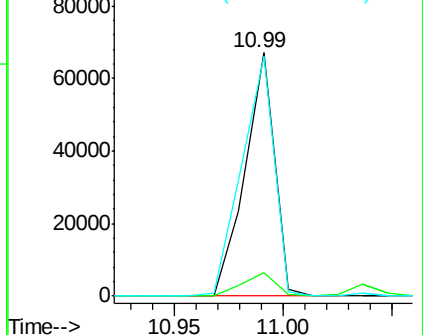
92 98.5 90.6 135.8

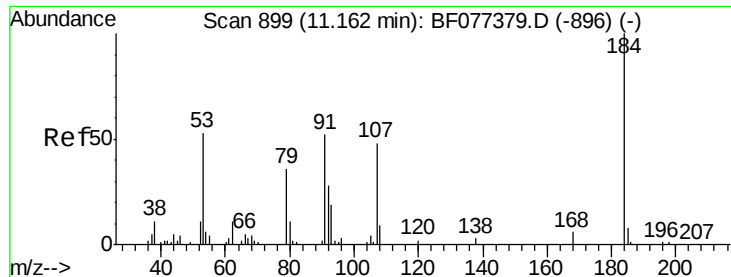


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 91.98 ng

RT: 11.12 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB81861BS

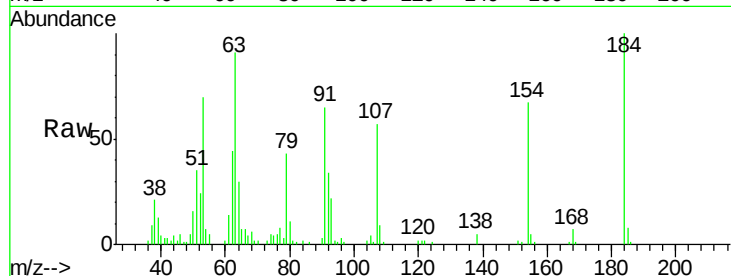
Tot Ion:184 Resp: 55834

Ion Ratio Lower Upper

184 100

63 90.6 29.5 44.3#

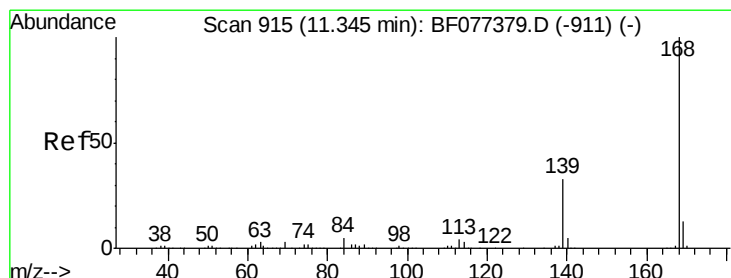
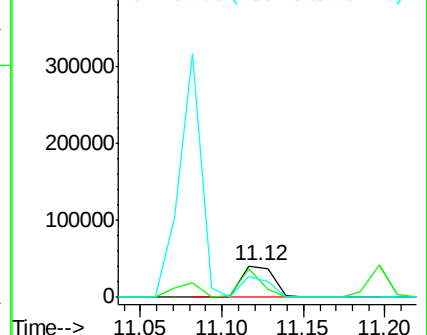
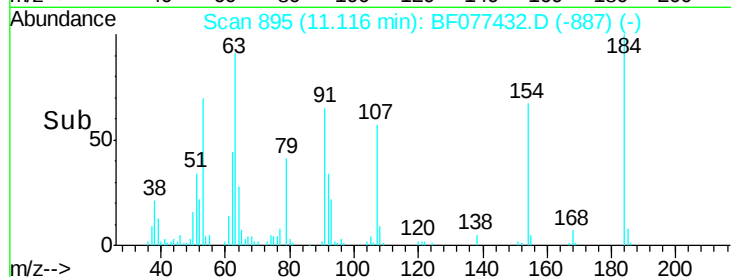
154 67.4 43.2 64.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.58 ng

RT: 11.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

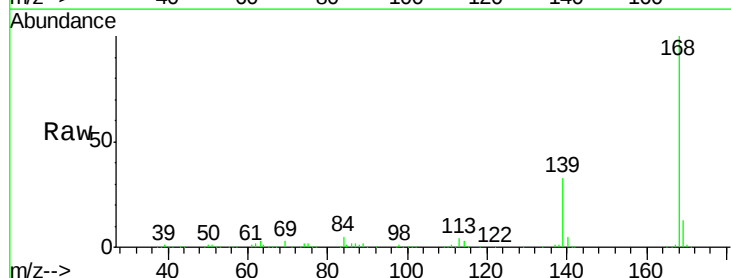
Tgt Ion:168 Resp: 448652

Ion Ratio Lower Upper

168 100

139 33.1 29.3 43.9

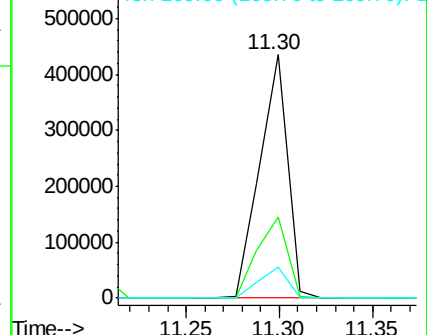
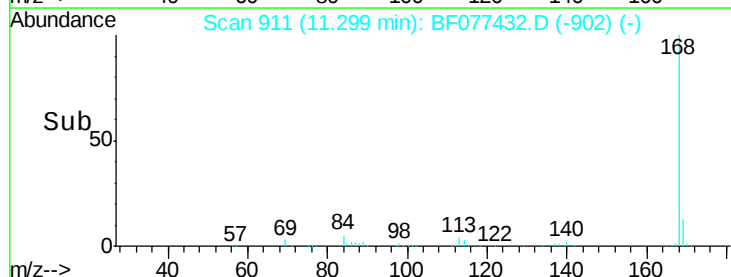
169 13.0 10.9 16.3

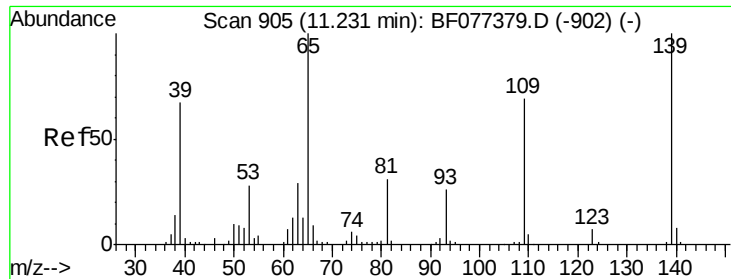


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

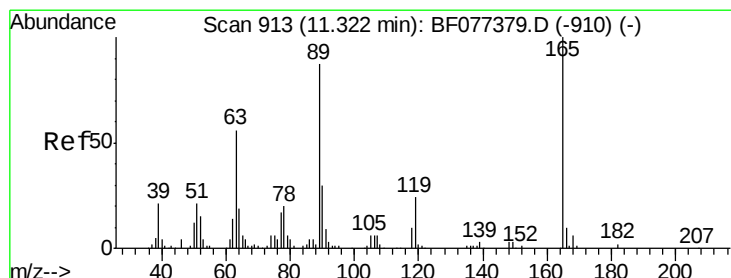
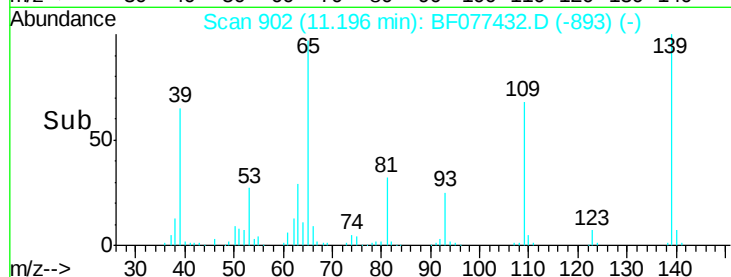
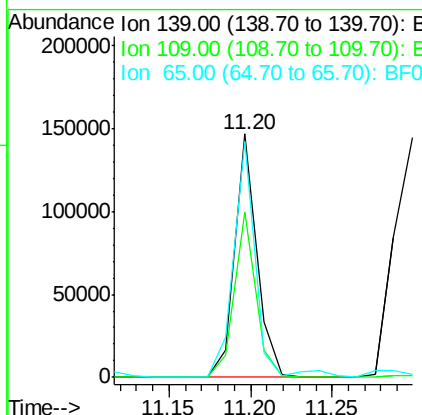
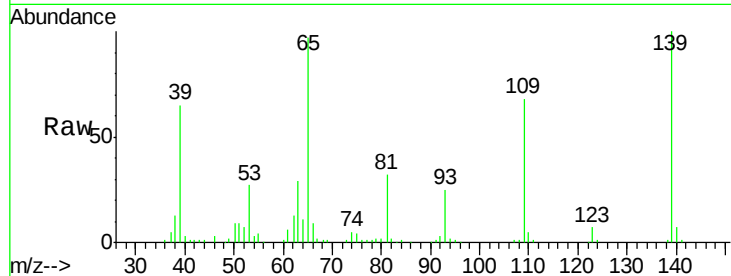




#55
4-Nitrophenol
Concen: 73.79 ng
RT: 11.20 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

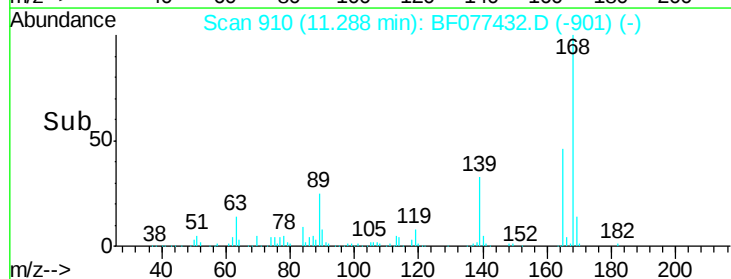
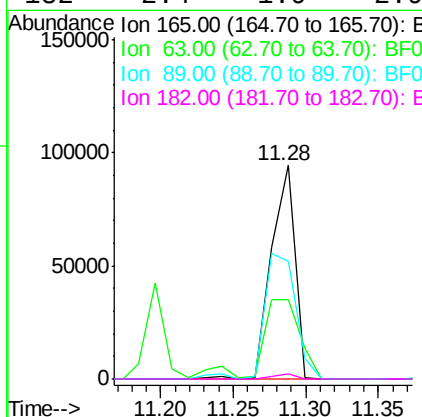
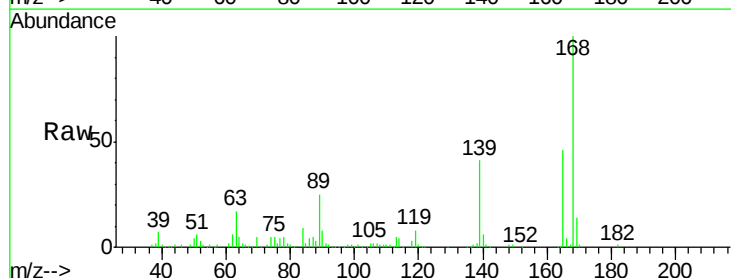
Instrument :
BNA_F
ClientSampleId :
PB81861BS

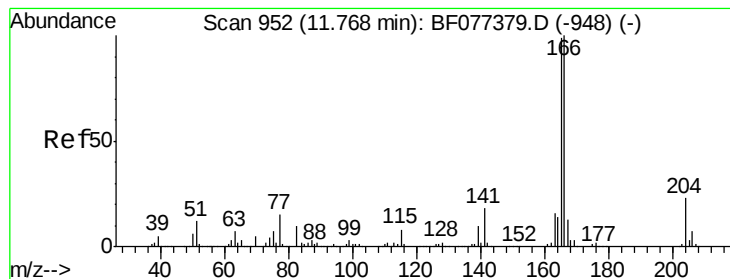
Tot Ion:139 Resp: 136509
Ion Ratio Lower Upper
139 100
109 68.2 36.2 76.2
65 97.2 40.3 80.3#



#56
2,4-Dinitrotoluene
Concen: 39.56 ng
RT: 11.29 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Tgt Ion:165 Resp: 106645
Ion Ratio Lower Upper
165 100
63 37.3 29.8 44.8
89 55.1 48.5 72.7
182 2.4 1.9 2.9





#57

Fluorene

Concen: 37.79 ng

RT: 11.72 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB81861BS

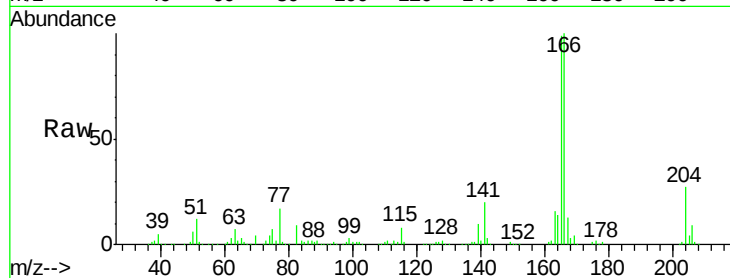
Tot Ion:166 Resp: 370497

Ion Ratio Lower Upper

166 100

165 99.1 77.6 116.4

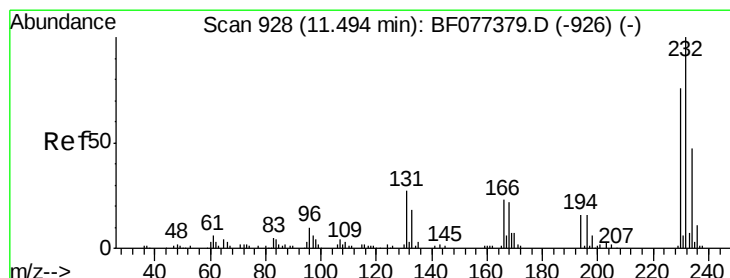
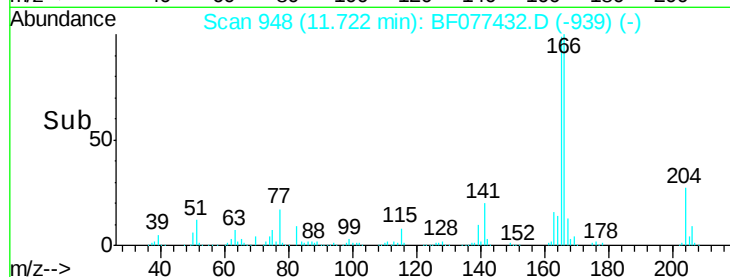
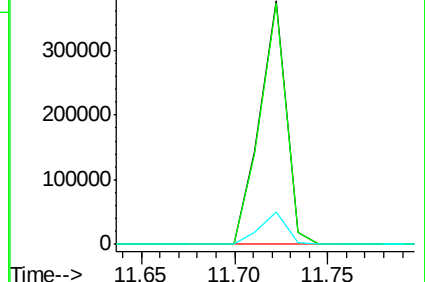
167 13.3 10.6 16.0



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: 38.39 ng

RT: 11.45 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Tgt Ion:232 Resp: 88745

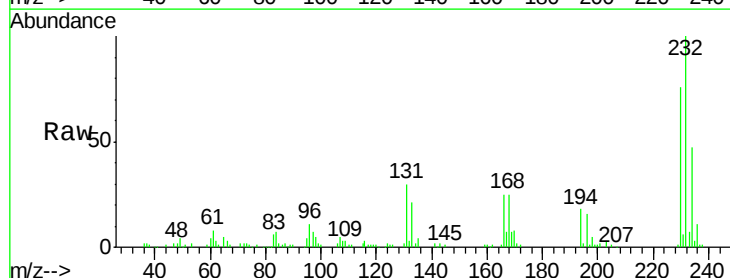
Ion Ratio Lower Upper

232 100

131 44.2 34.2 51.2

130 2.1 1.8 2.6

166 30.3 24.3 36.5

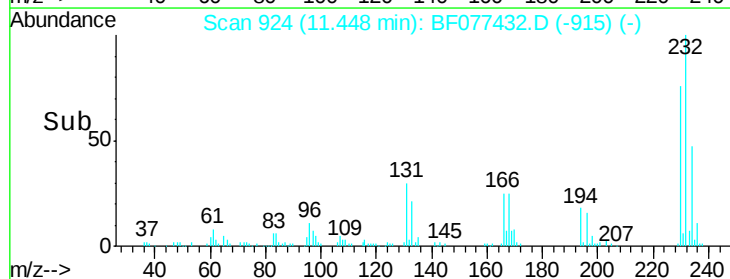
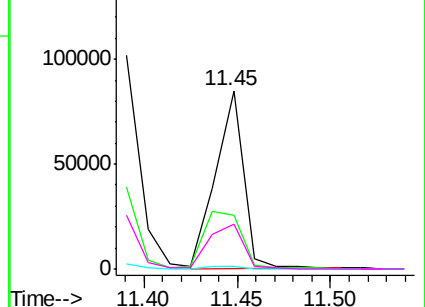


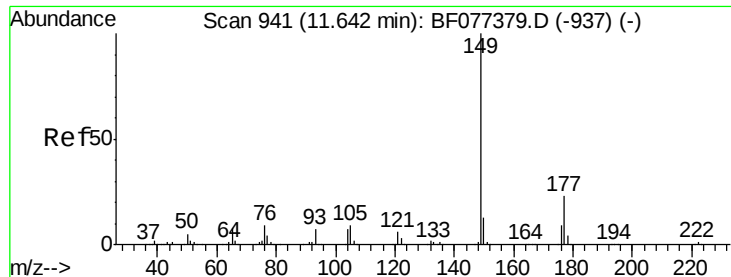
Abundance Ion 232.00 (231.70 to 232.70): E

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

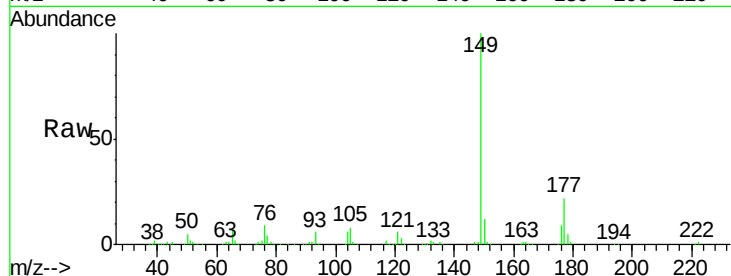




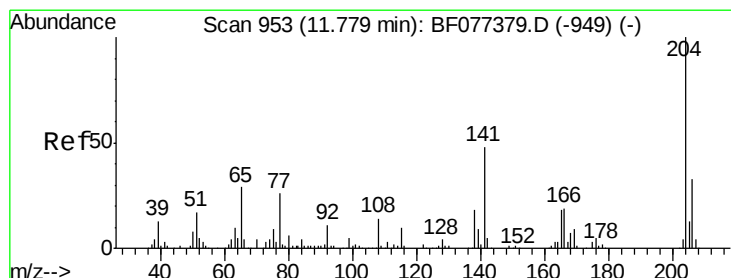
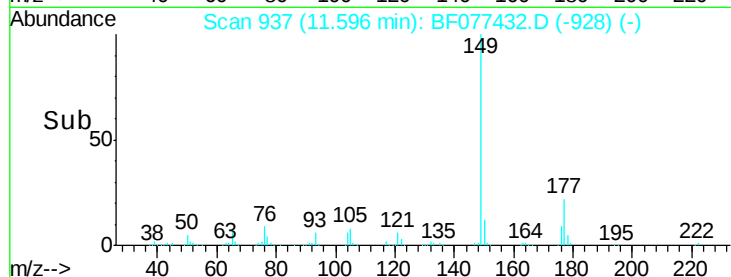
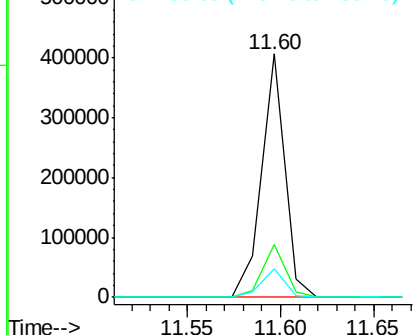
#59
Diethylphthalate
Concen: 35.45 ng
RT: 11.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tot Ion:149 Resp: 347692
Ion Ratio Lower Upper
149 100
177 21.8 17.2 25.8
150 11.7 10.5 15.7

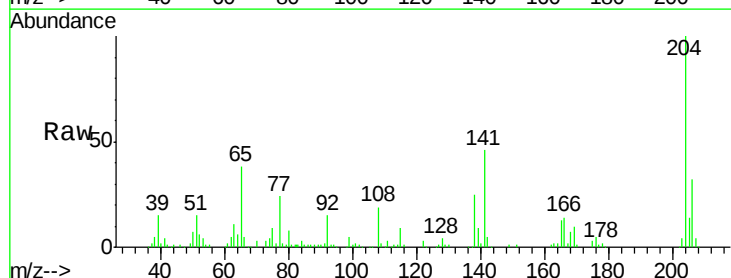


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

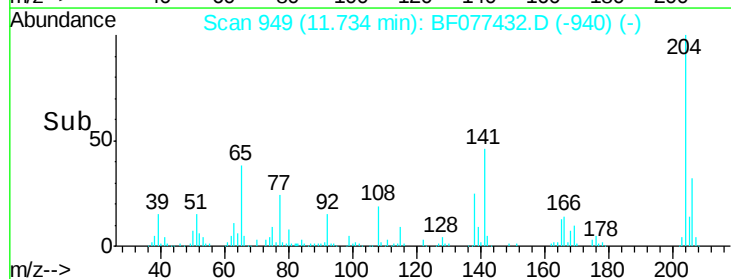
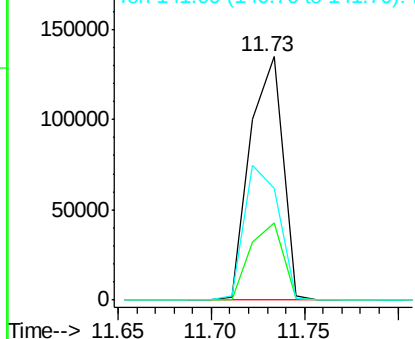


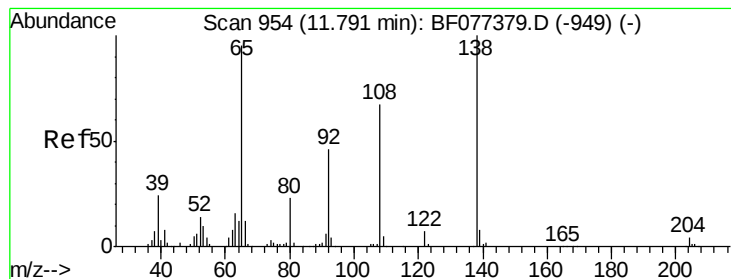
#60
4-Chlorophenyl-phenylether
Concen: 34.75 ng
RT: 11.73 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Tgt Ion:204 Resp: 164187
Ion Ratio Lower Upper
204 100
206 31.9 25.9 38.9
141 45.7 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: 39.40 ng

RT: 11.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB81861BS

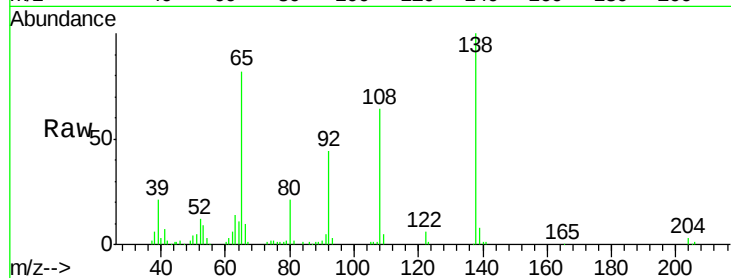
Tot Ion:138 Resp: 86848

Ion Ratio Lower Upper

138 100

92 44.2 32.8 72.8

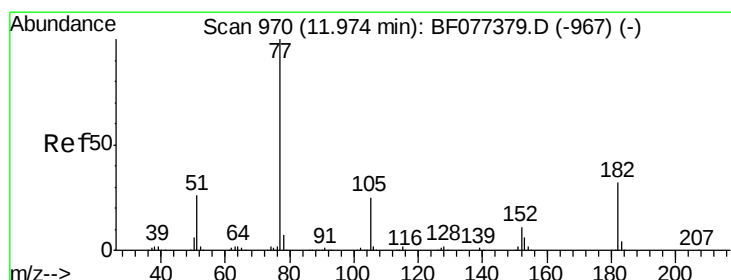
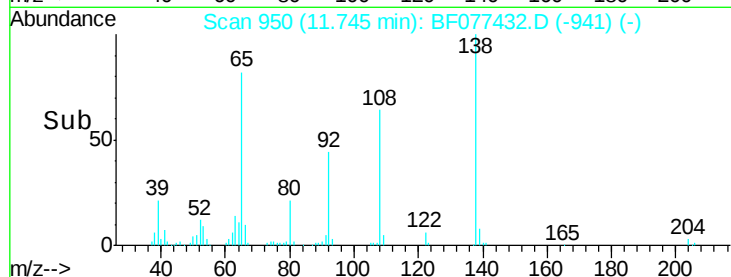
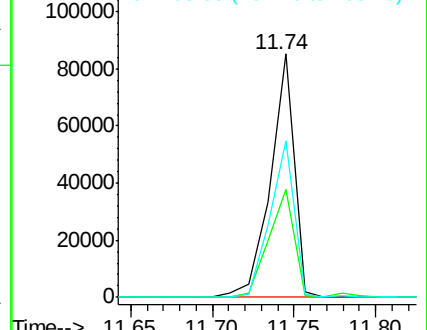
108 64.2 52.1 92.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.79 ng

RT: 11.92 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Tgt Ion: 77 Resp: 323720

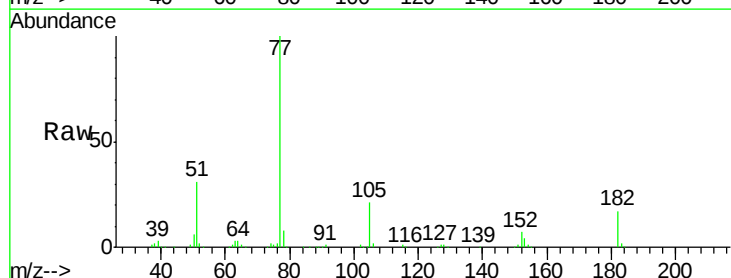
Ion Ratio Lower Upper

77 100

182 16.8 4.9 44.9

105 20.9 3.3 43.3

51 30.9 8.9 48.9

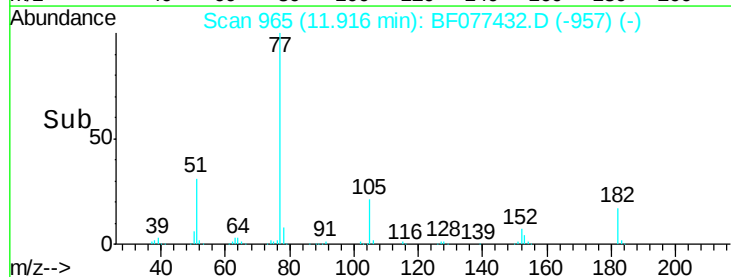
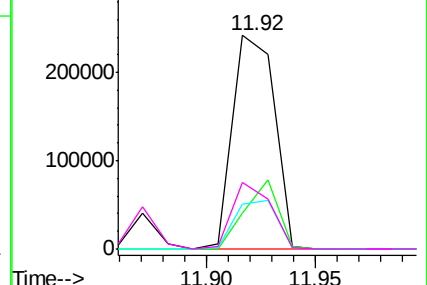


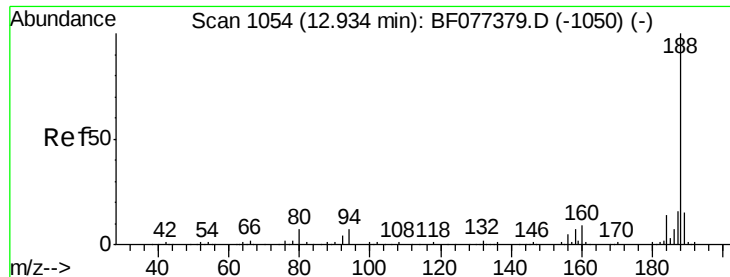
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

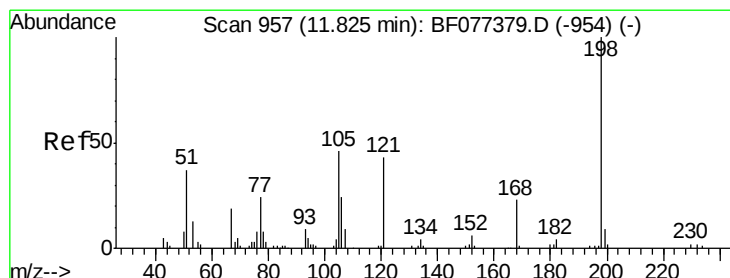
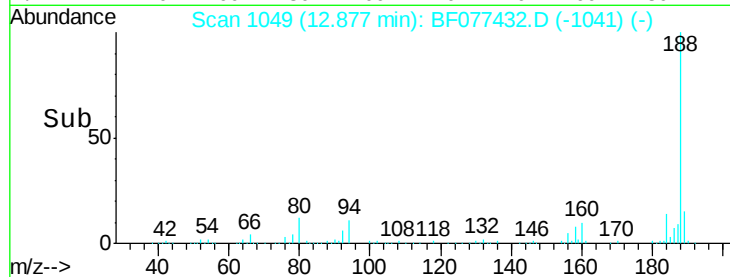
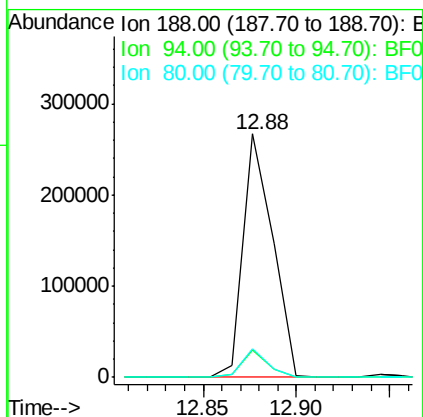
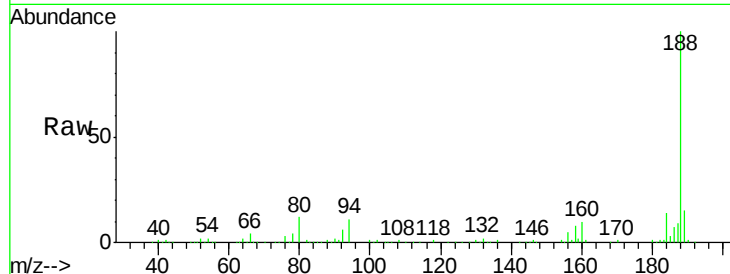




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.88 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

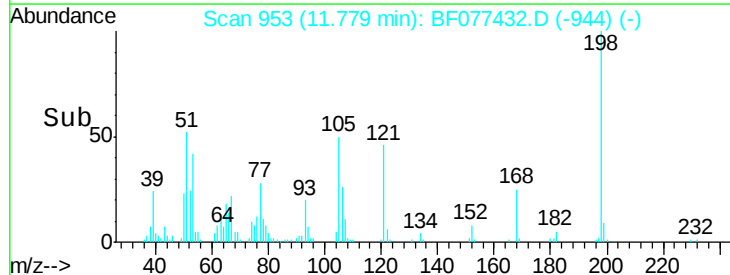
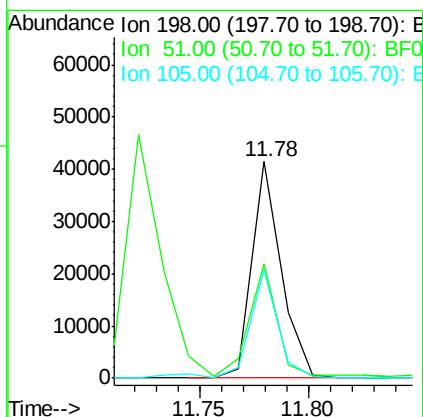
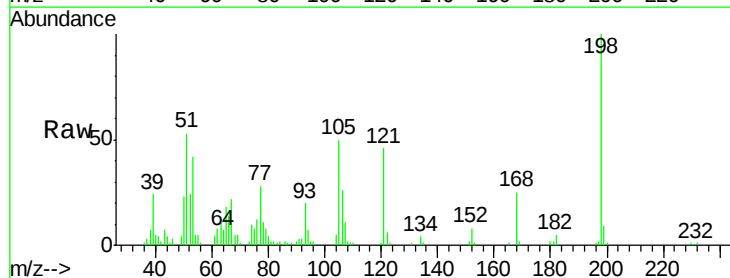
Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

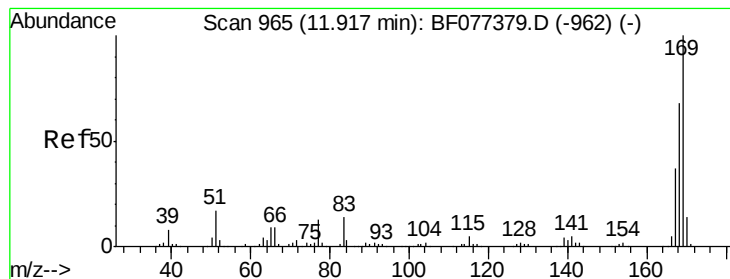
Tot Ion:188 Resp: 294014
 Ion Ratio Lower Upper
 188 100
 94 11.1 7.4 11.2
 80 11.9 8.0 12.0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.09 ng
 RT: 11.78 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Tgt Ion:198 Resp: 38626
 Ion Ratio Lower Upper
 198 100
 51 52.7 2.7 42.7#
 105 49.8 10.0 50.0

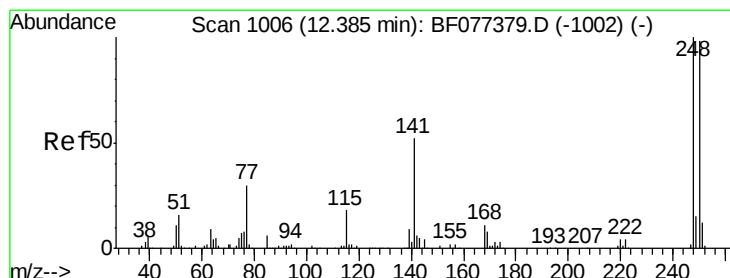
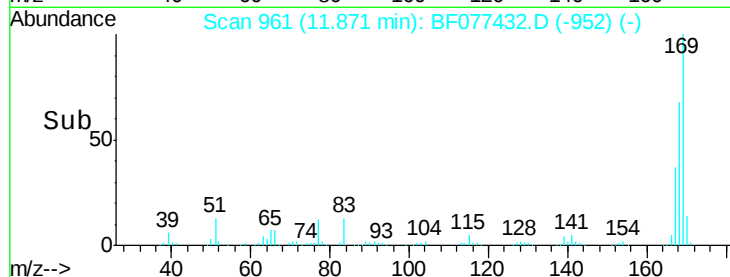
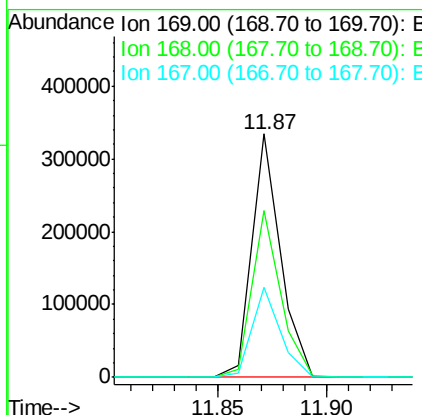
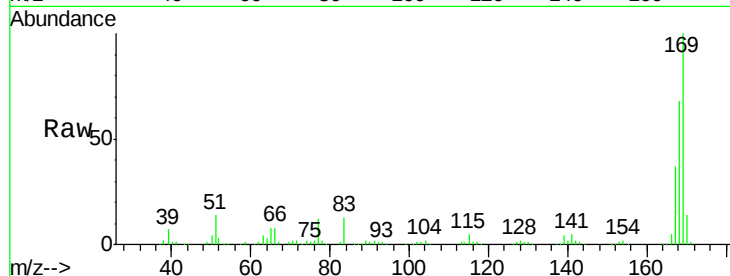




#65
 n-Nitrosodiphenylamine
 Concen: 31.35 ng
 RT: 11.87 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

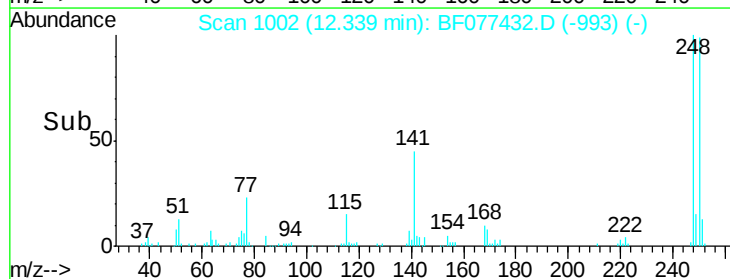
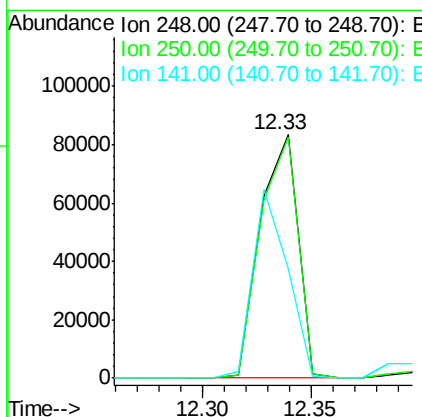
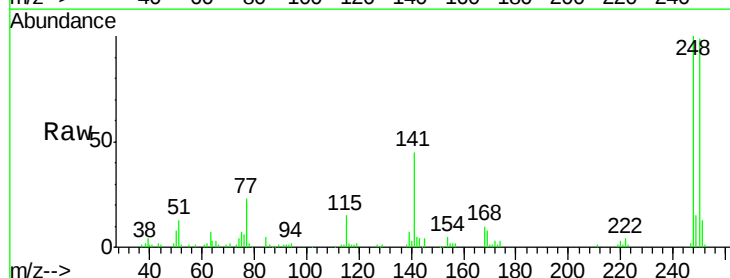
Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

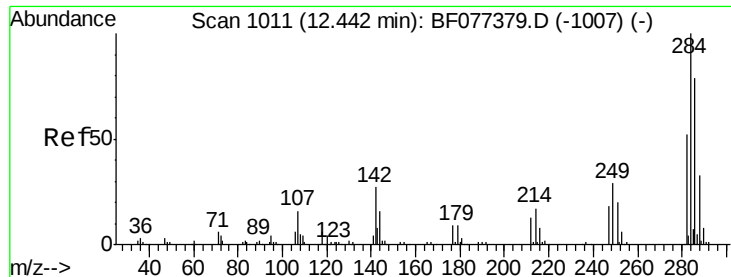
Tot Ion:169 Resp: 305829
 Ion Ratio Lower Upper
 169 100
 168 68.4 53.0 79.6
 167 37.2 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 29.53 ng
 RT: 12.34 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Tgt Ion:248 Resp: 101669
 Ion Ratio Lower Upper
 248 100
 250 99.0 78.0 117.0
 141 45.1 54.1 81.1#

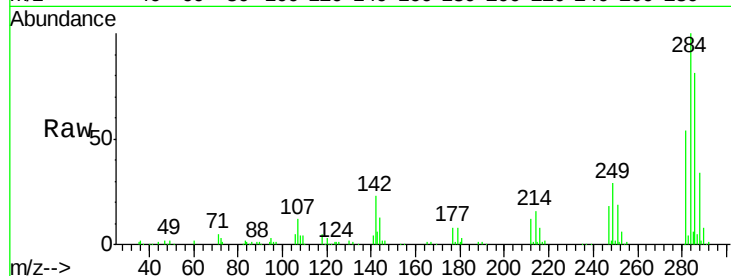




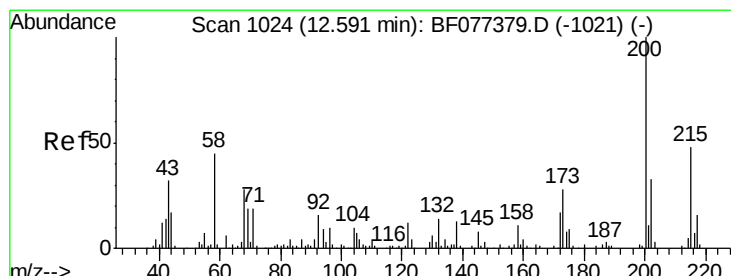
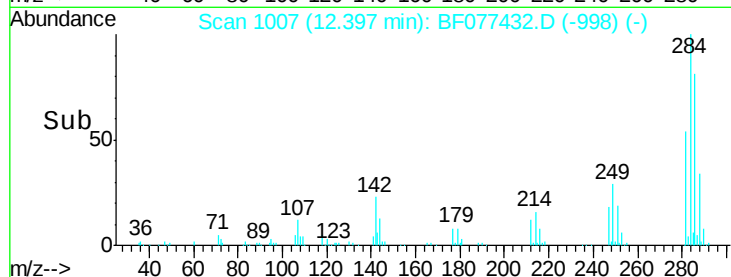
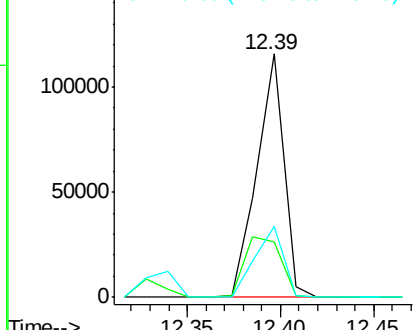
#67
Hexachlorobenzene
Concen: 31.35 ng
RT: 12.40 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tot Ion:284 Resp: 115865
Ion Ratio Lower Upper
284 100
142 22.7 31.6 47.4#
249 29.0 27.0 40.4

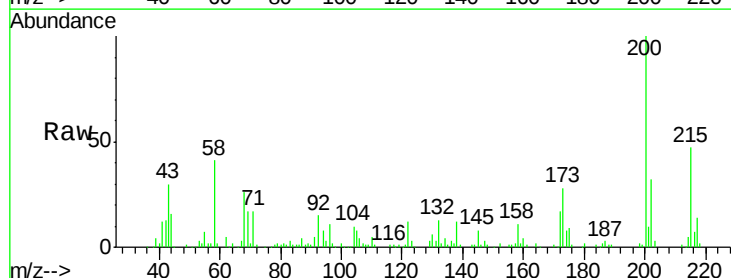


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

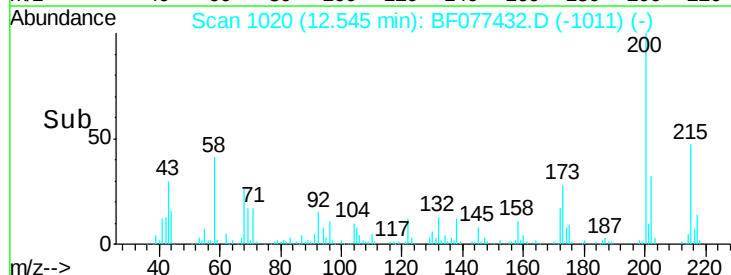
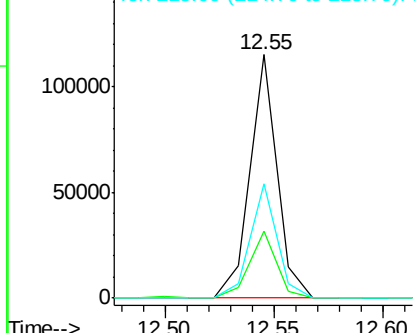


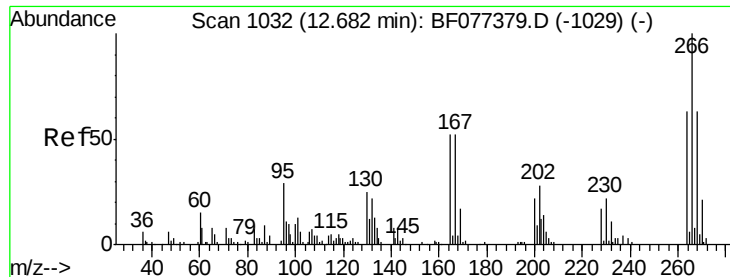
#68
Atrazine
Concen: 31.44 ng
RT: 12.55 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Tgt Ion:200 Resp: 99702
Ion Ratio Lower Upper
200 100
173 27.7 9.6 49.6
215 46.9 24.4 64.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

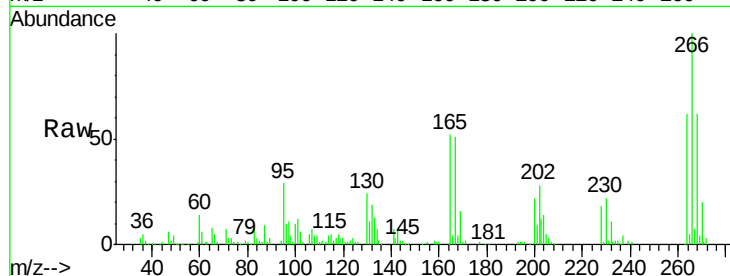




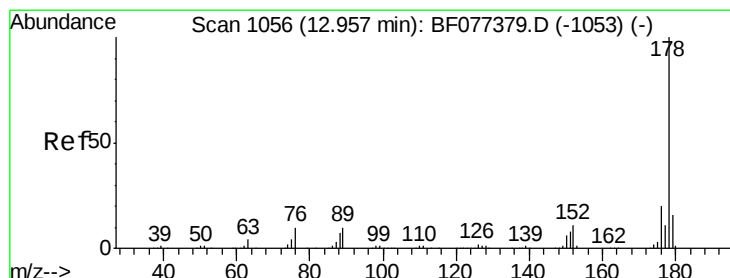
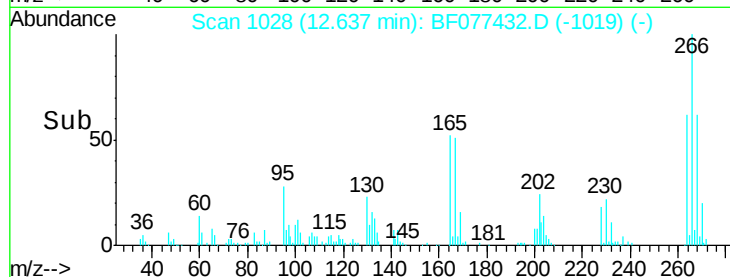
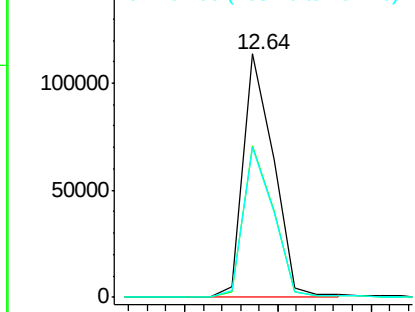
#69
 Pentachlorophenol
 Concen: 66.88 ng
 RT: 12.64 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Tot Ion:266 Resp: 129900
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.2 76.8
 264 61.8 50.7 76.1

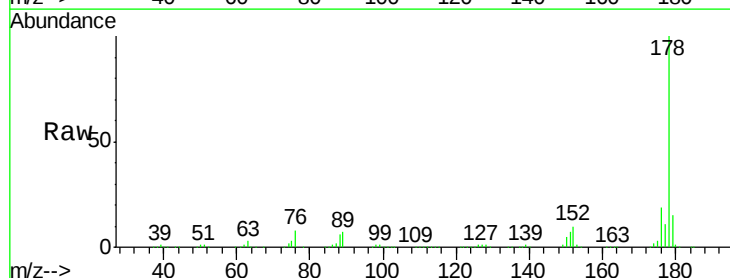


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

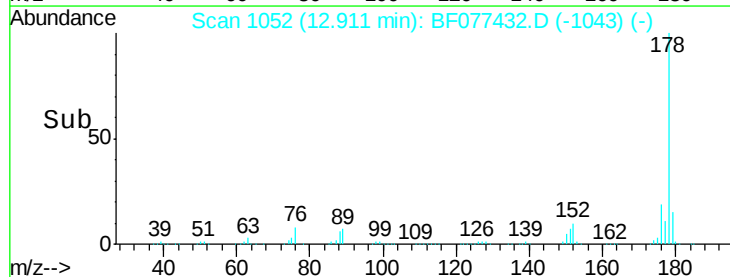
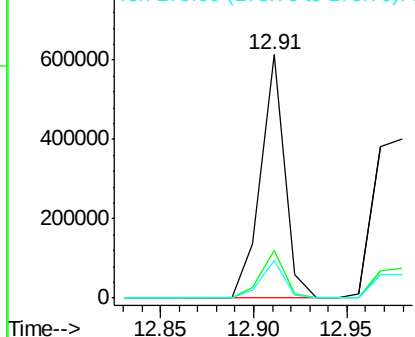


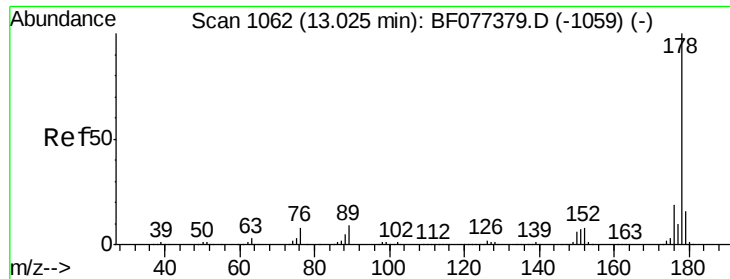
#70
 Phenanthrene
 Concen: 32.67 ng
 RT: 12.91 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Tgt Ion:178 Resp: 556646
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 15.2 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

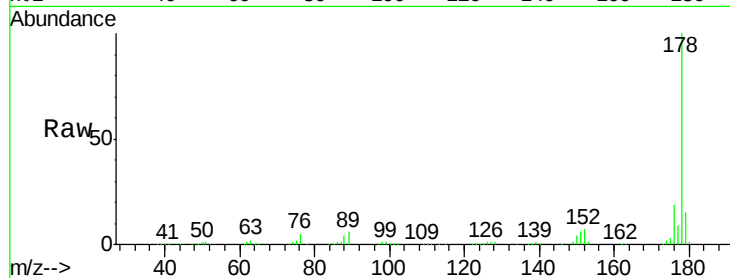




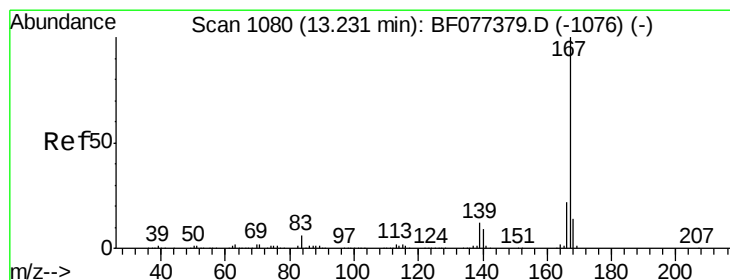
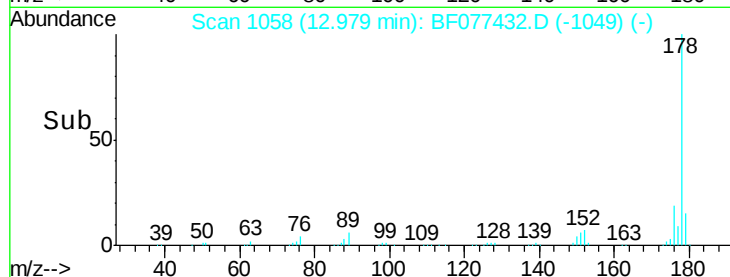
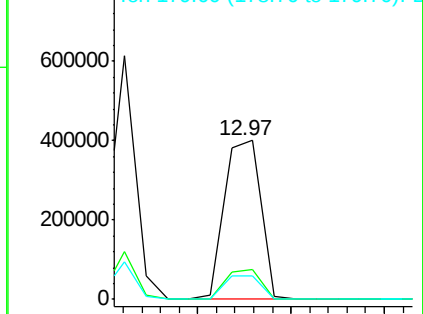
#71
 Anthracene
 Concen: 32.46 ng
 RT: 12.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Tot Ion:178 Resp: 548862
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.0
 179 15.1 12.9 19.3

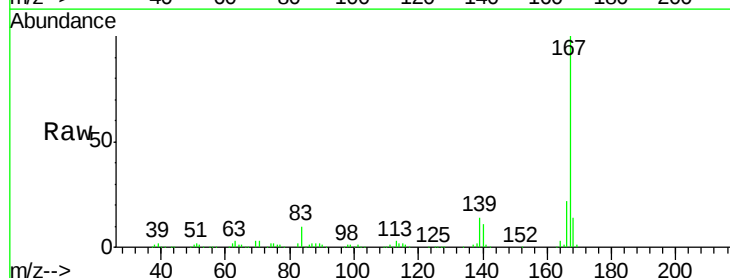


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

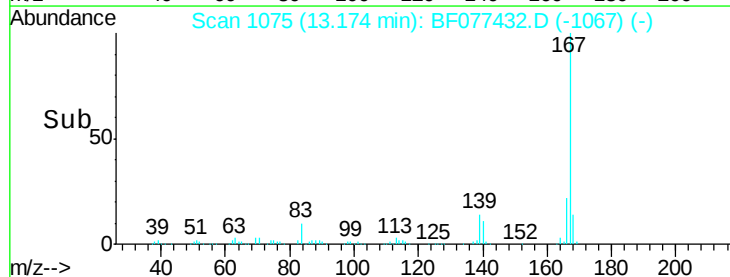
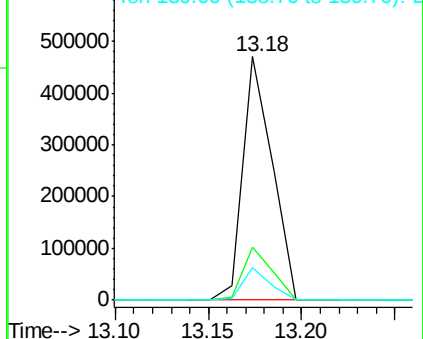


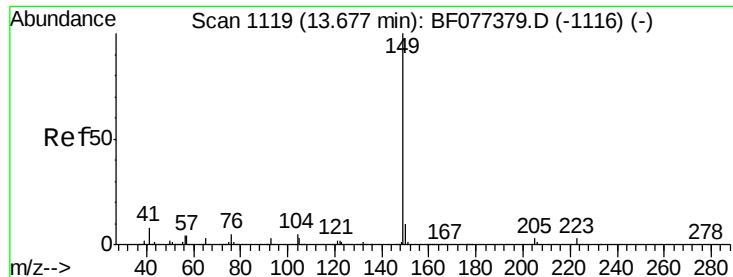
#72
 Carbazole
 Concen: 32.07 ng
 RT: 13.17 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Tgt Ion:167 Resp: 515632
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.5 9.9 14.9



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 29.52 ng

RT: 13.63 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB81861BS

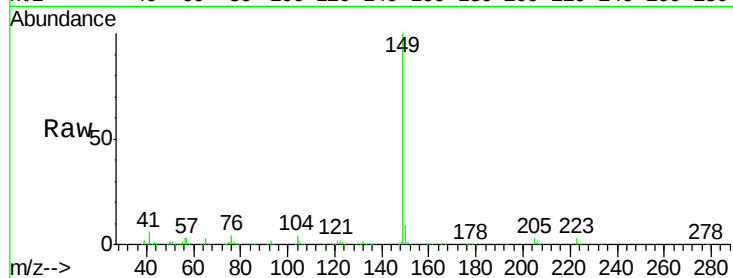
Tot Ion:149 Resp: 557420

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.8

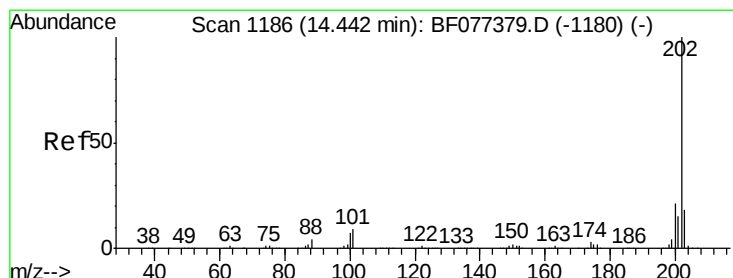
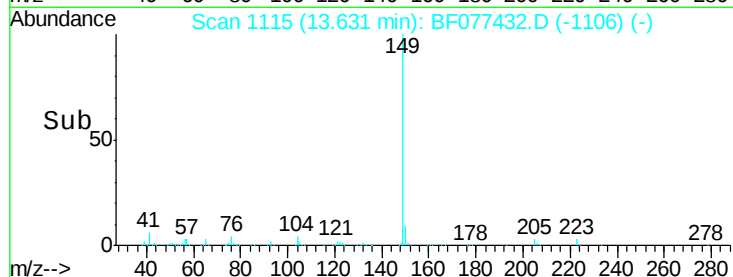
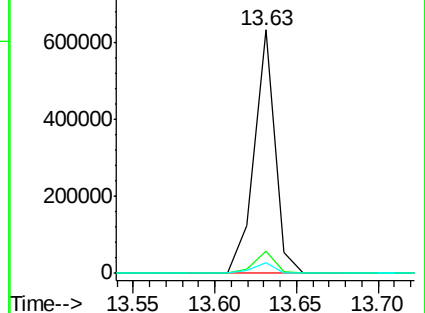
104 4.3 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.06 ng

RT: 14.39 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

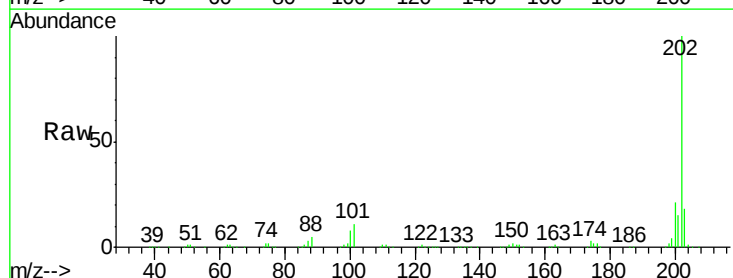
Tgt Ion:202 Resp: 615337

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.8

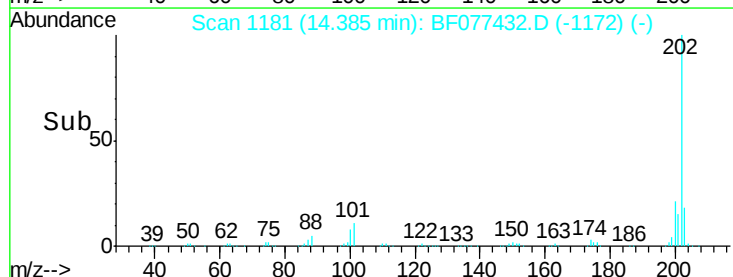
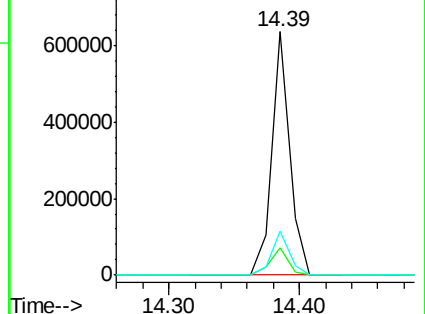
203 18.0 0.0 37.7

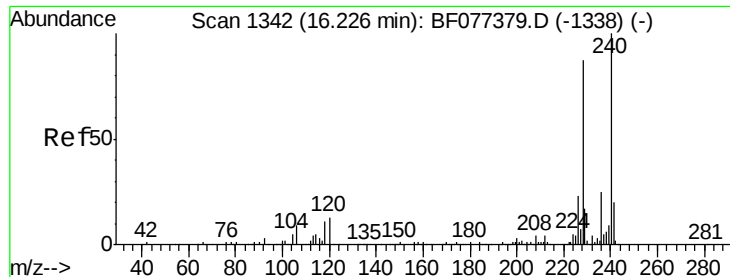


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.17 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB81861BS

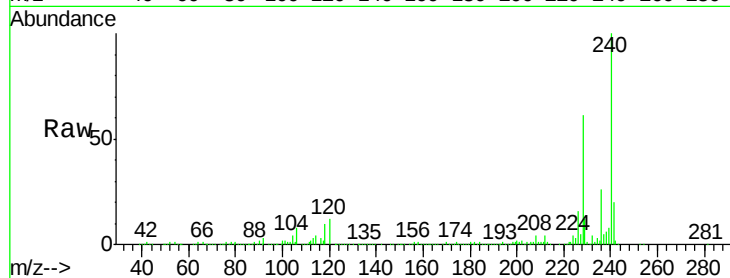
Tot Ion:240 Resp: 334671

Ion Ratio Lower Upper

240 100

120 12.0 8.8 13.2

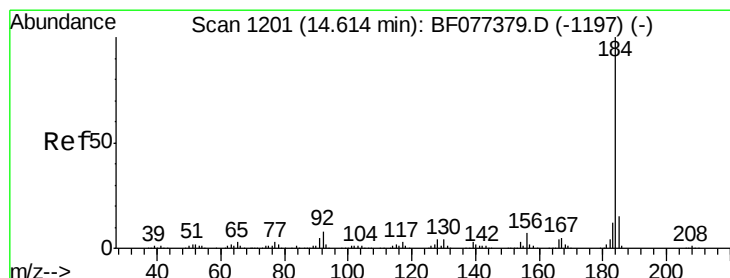
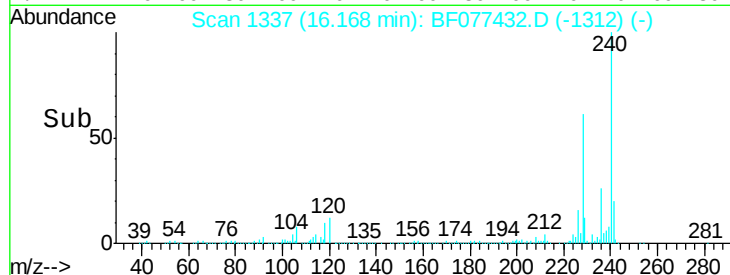
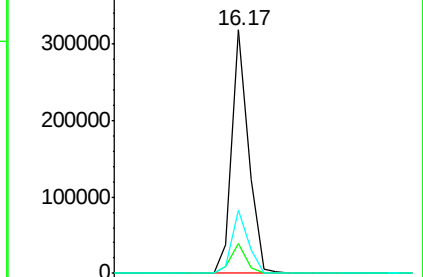
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.65 ng

RT: 14.57 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

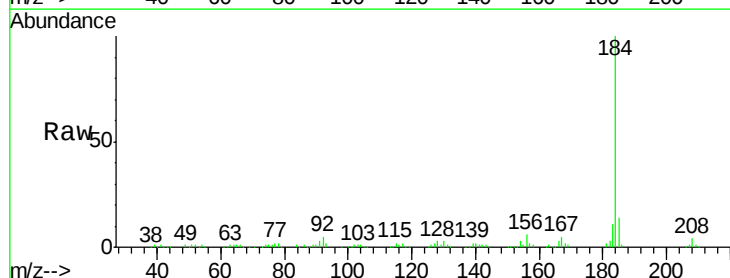
Tgt Ion:184 Resp: 244777

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

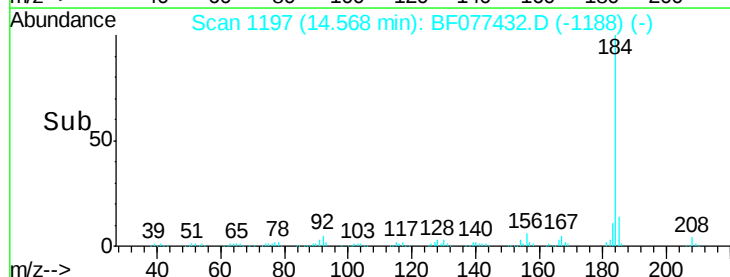
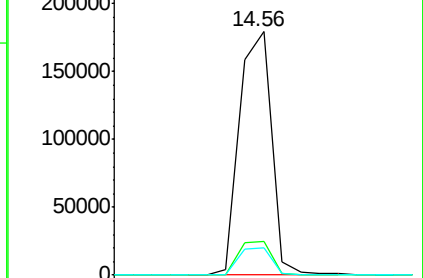
183 11.4 9.3 13.9

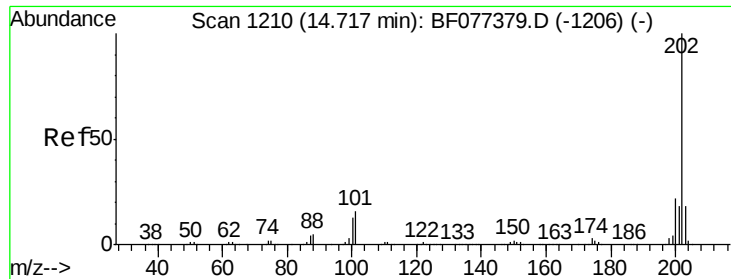


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

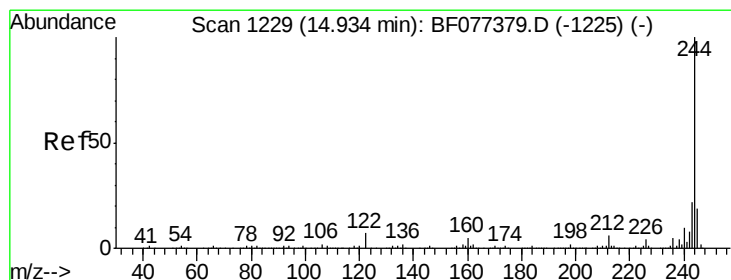
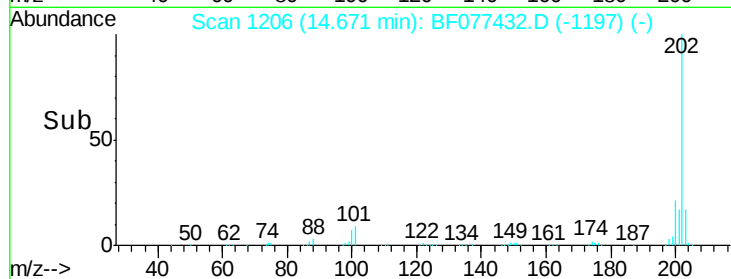
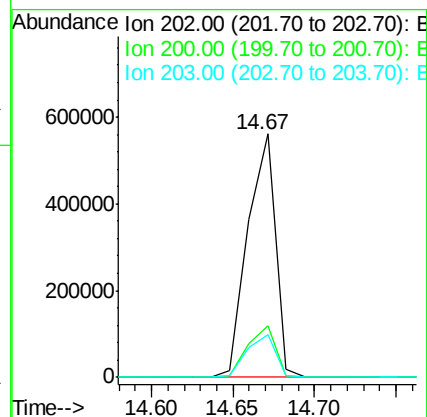
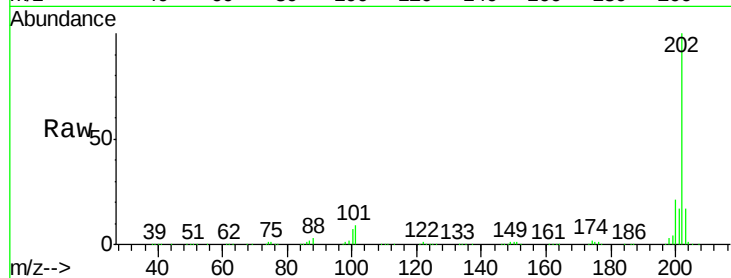




#77
Pvrene
Concen: 32.21 ng
RT: 14.67 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

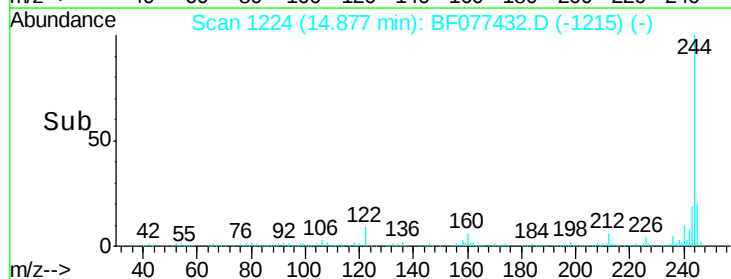
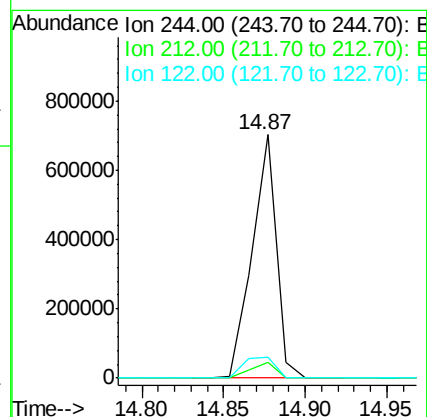
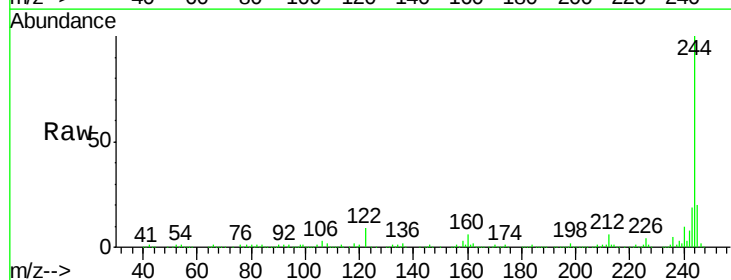
Instrument :
BNA_F
ClientSampleId :
PB81861BS

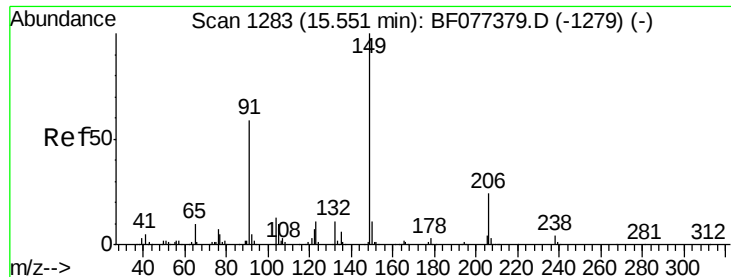
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	17.4	14.2	21.2



#78
Terphenyl-d14
Concen: 50.51 ng
RT: 14.88 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.2	7.8
122	8.7	7.8	11.8

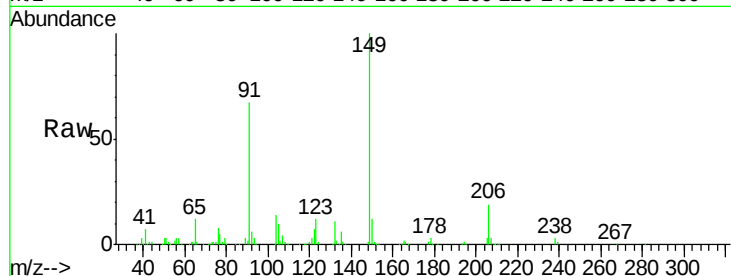




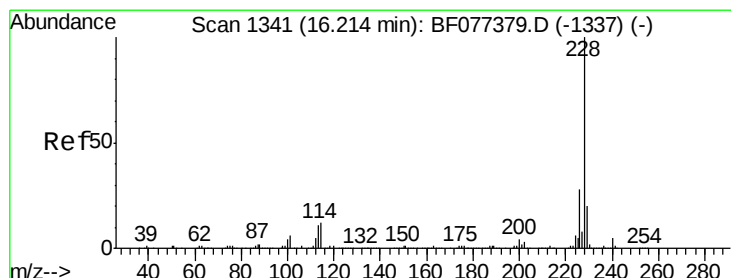
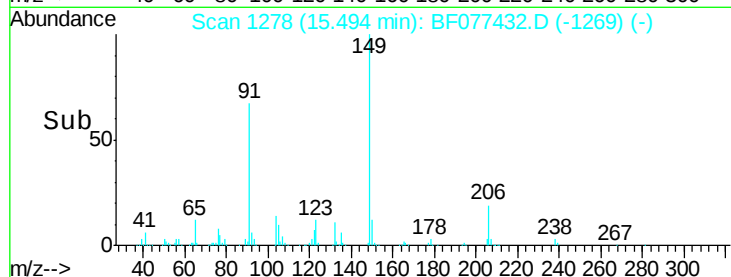
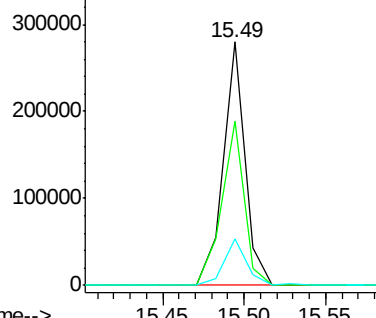
#79
Butylbenzylphthalate
Concen: 30.95 ng
RT: 15.49 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.4	51.2	76.8
206	19.1	17.8	26.8

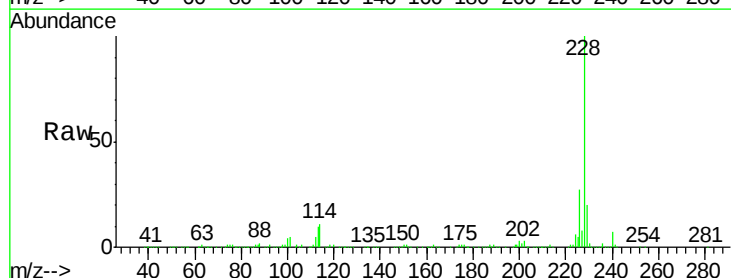


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

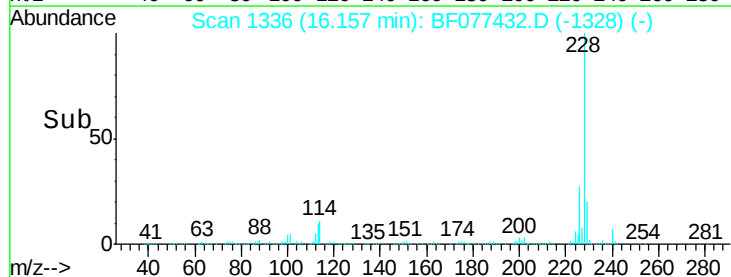
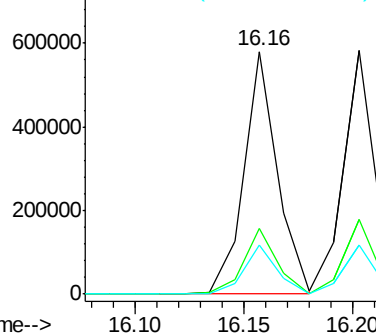


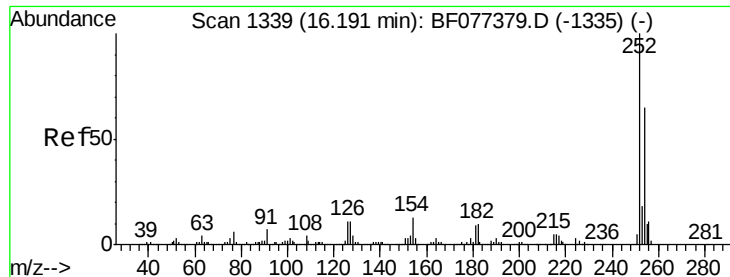
#80
Benzo(a)anthracene
Concen: 31.87 ng
RT: 16.16 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	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

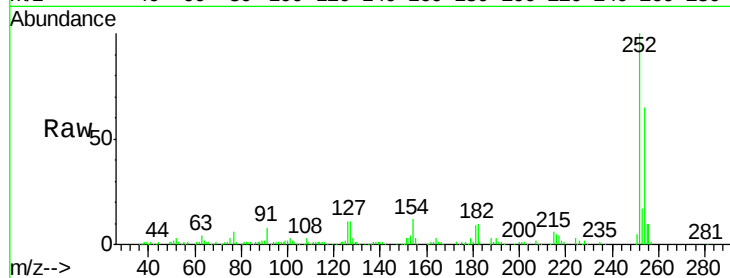




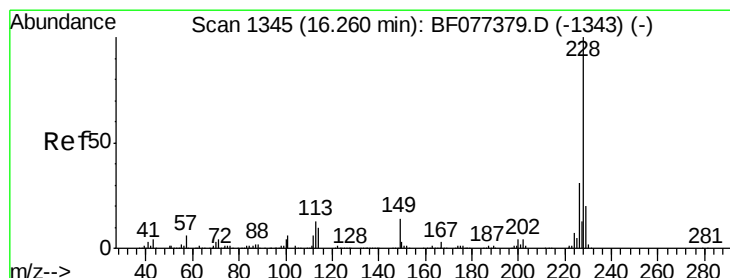
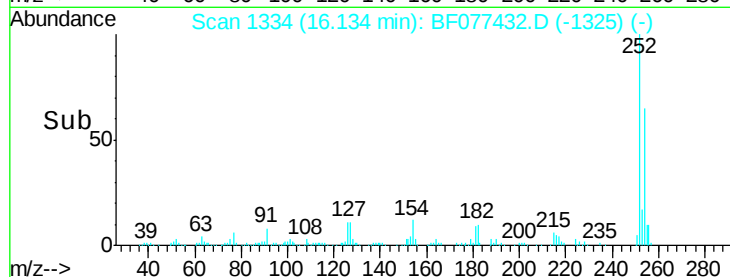
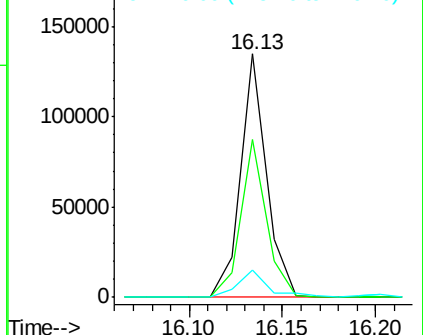
#81
 3,3'-Dichlorobenzidine
 Concen: 18.22 ng
 RT: 16.13 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Tot Ion:252 Resp: 130951
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.9 79.3
 126 11.0 7.3 10.9#

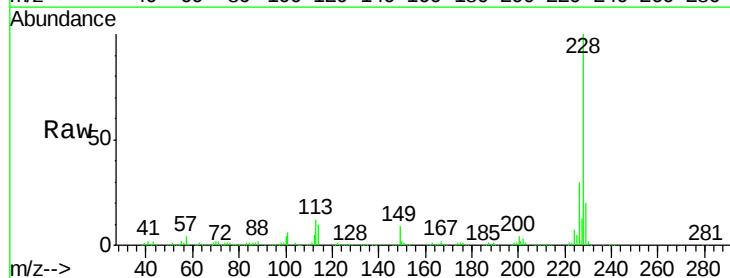


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

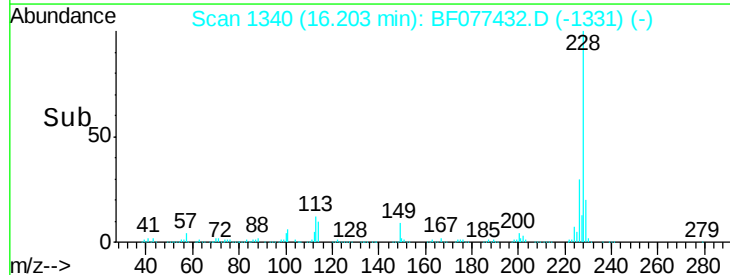
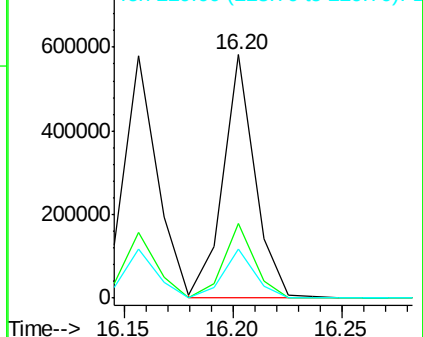


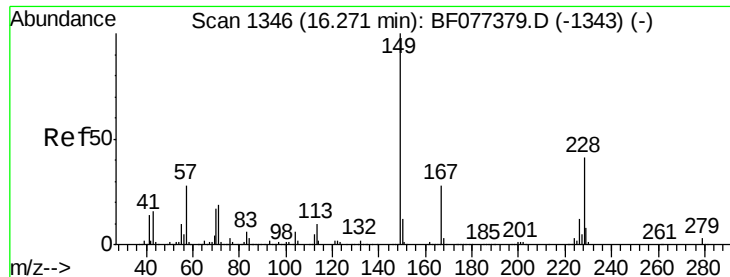
#82
 Chrysene
 Concen: 31.66 ng
 RT: 16.20 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Tgt Ion:228 Resp: 583080
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 20.4 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

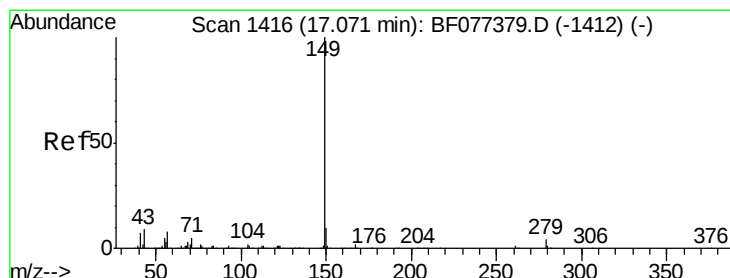
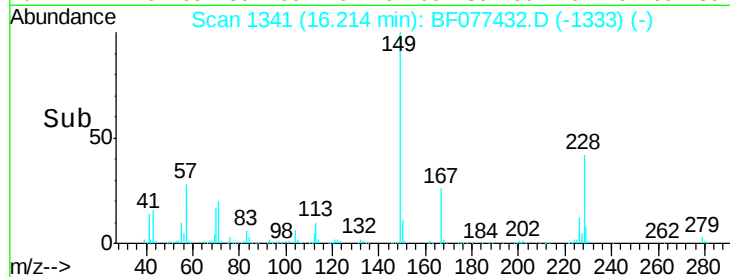
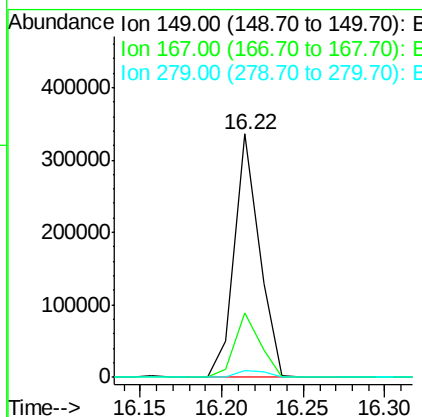
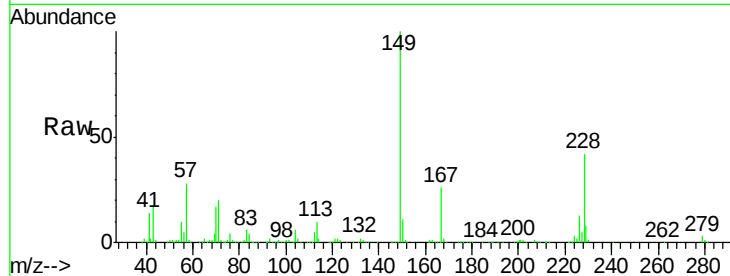




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 26.37 ng
 RT: 16.21 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

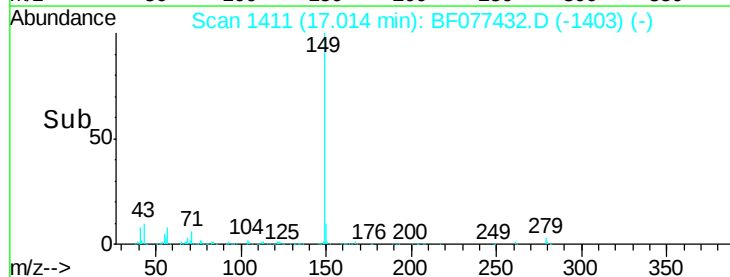
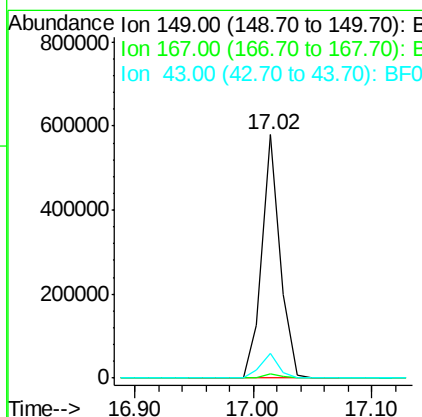
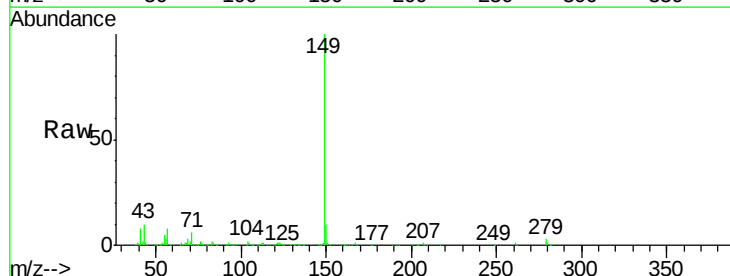
Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

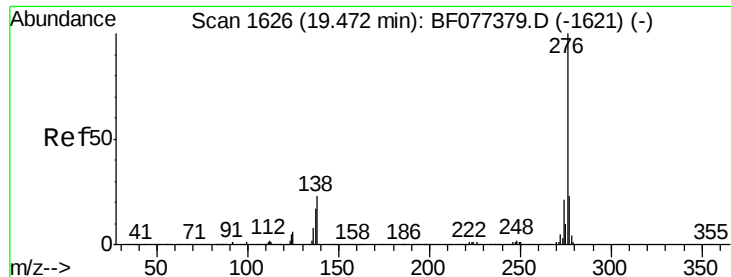
Tot Ion:149 Resp: 356146
 Ion Ratio Lower Upper
 149 100
 167 26.3 22.8 34.2
 279 2.9 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 27.86 ng
 RT: 17.01 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Tgt Ion:149 Resp: 628163
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.5 8.1 12.1

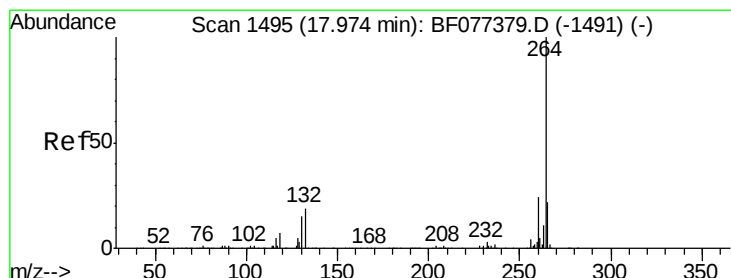
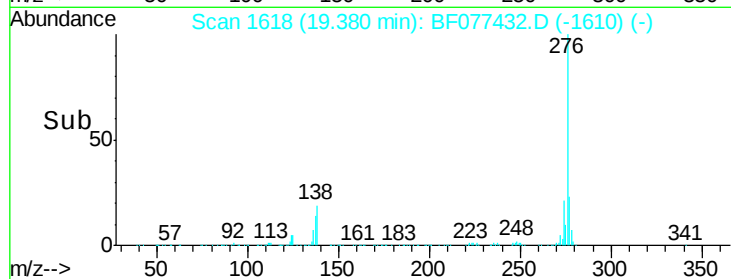
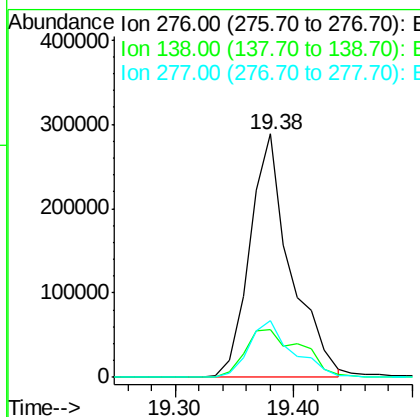
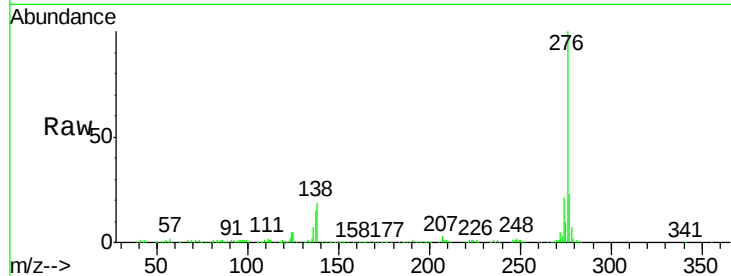




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.70 ng
 RT: 19.38 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

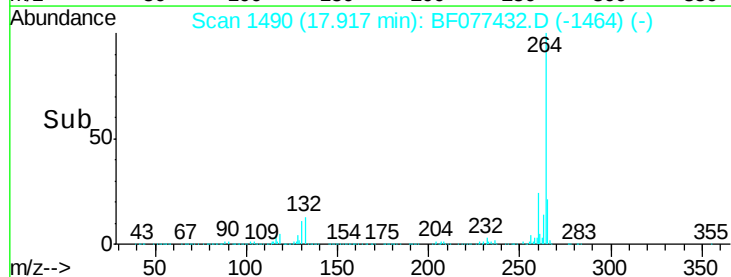
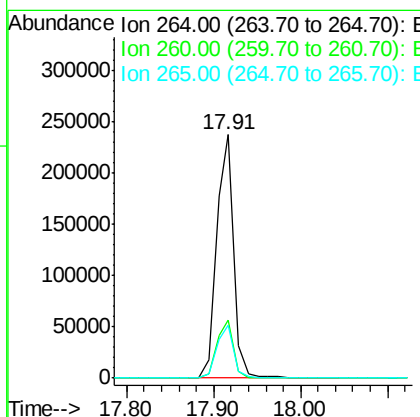
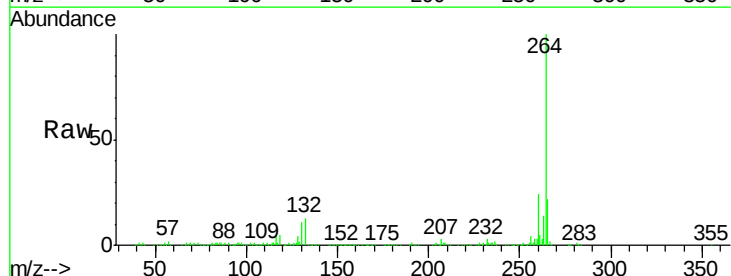
Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

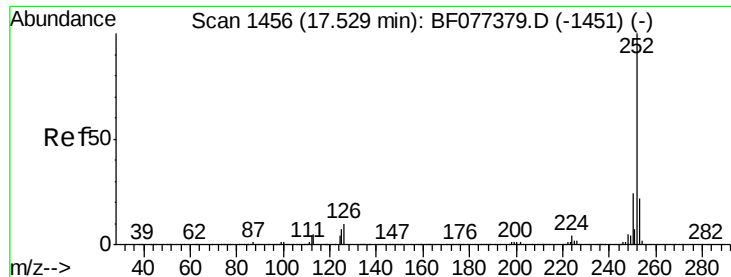
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.2	31.8
277	25.1	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.92 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.8	16.8	25.2

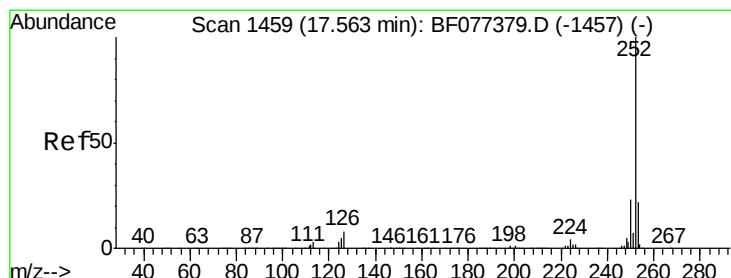
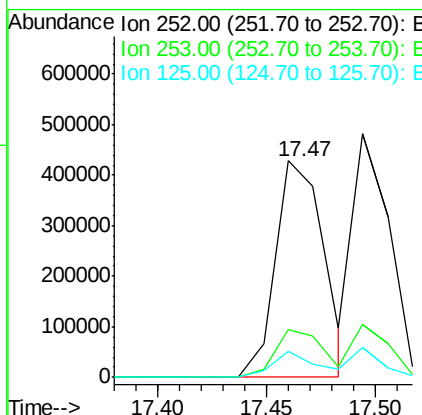
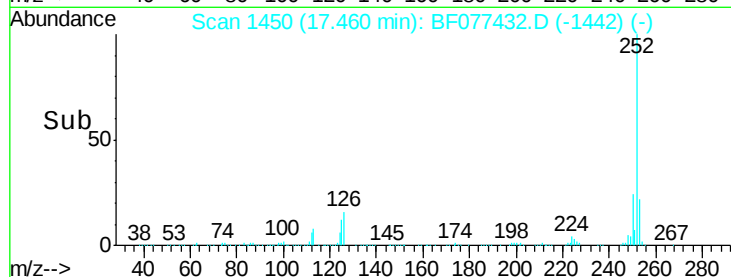
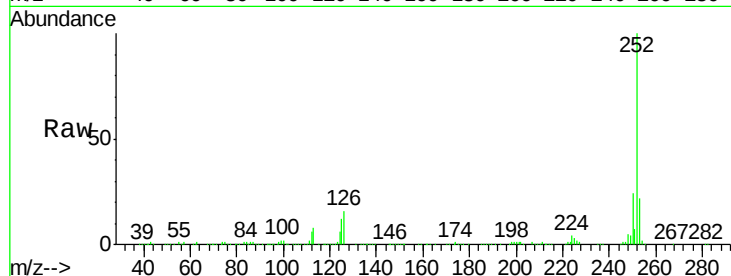




#87
Benzo(b)fluoranthene
Concen: 35.22 ng
RT: 17.46 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

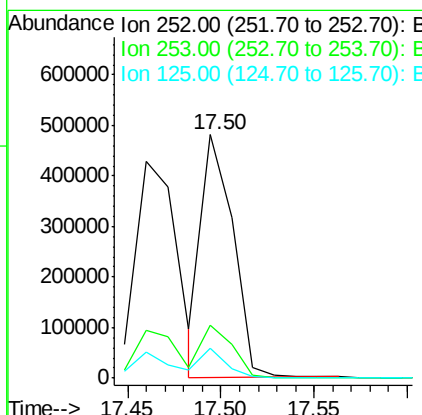
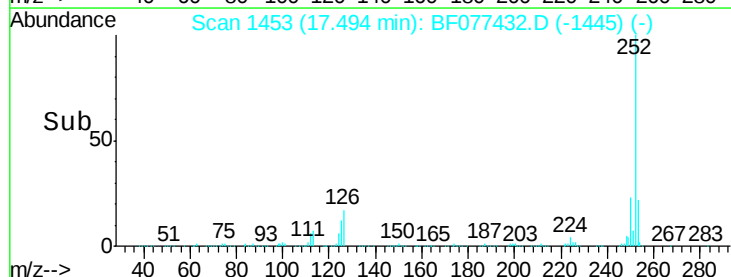
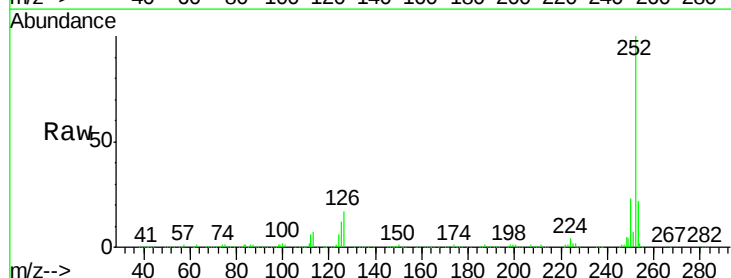
Instrument :
BNA_F
ClientSampleId :
PB81861BS

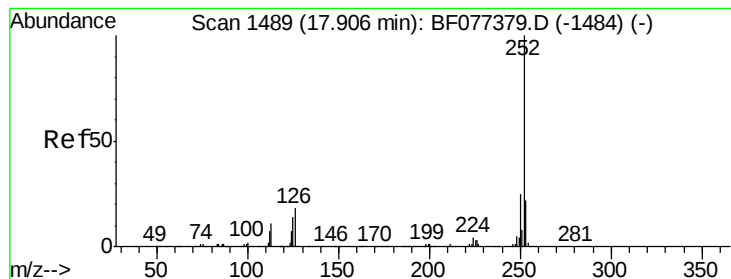
Tot Ion:252 Resp: 666808
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.1 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 30.53 ng
RT: 17.49 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF077432.D
Acq: 25 Feb 2015 14:32

Tgt Ion:252 Resp: 566528
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 12.0 10.1 15.1





#89

Benzo(a)pyrene

Concen: 33.25 ng

RT: 17.85 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB81861BS

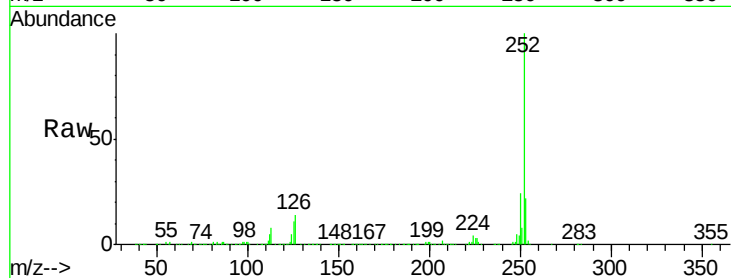
Tot Ion:252 Resp: 599531

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

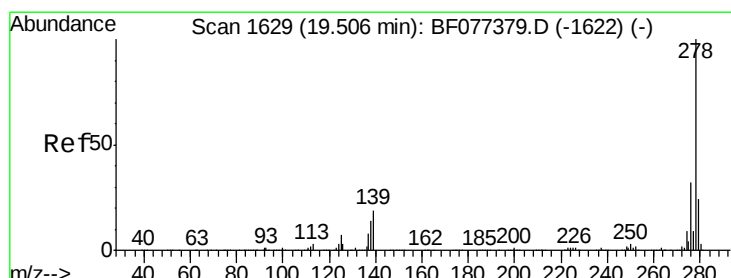
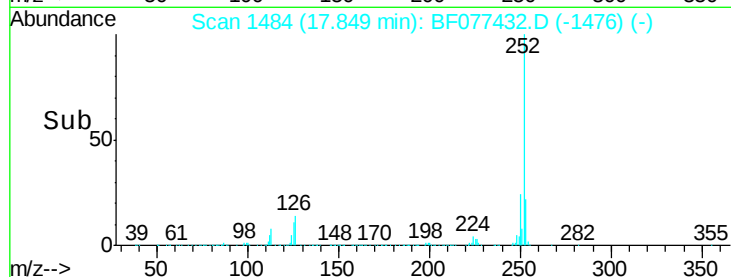
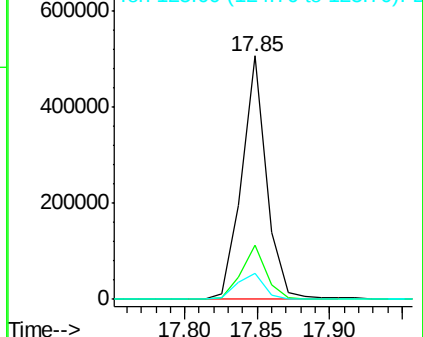
125 10.8 8.3 12.5



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: 33.24 ng

RT: 19.41 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BF077432.D

Acq: 25 Feb 2015 14:32

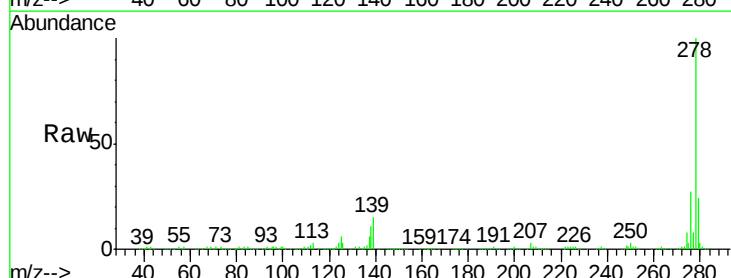
Tgt Ion:278 Resp: 571557

Ion Ratio Lower Upper

278 100

139 15.4 14.3 21.5

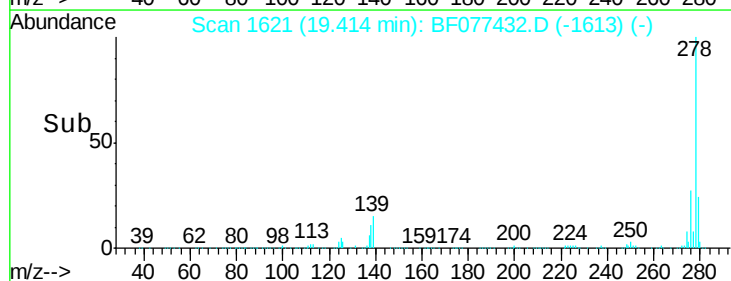
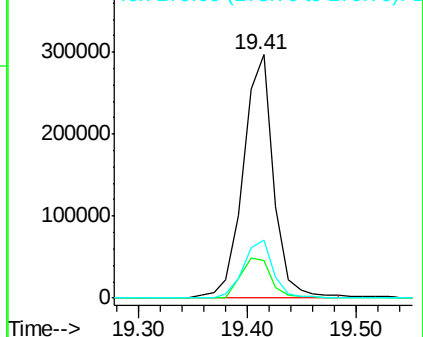
279 23.7 19.0 28.6

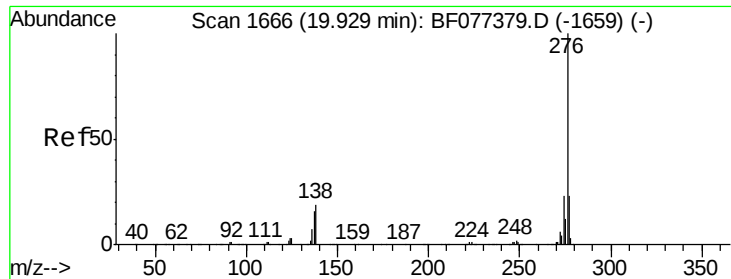


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

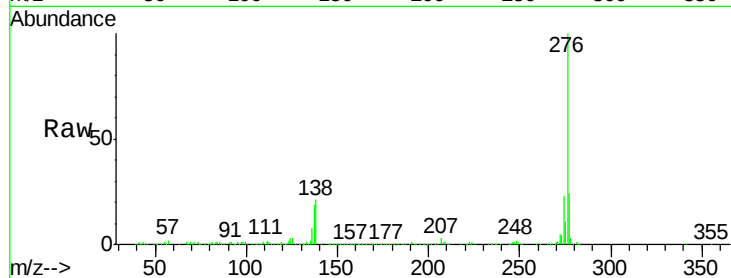




#91
 Benzo(a,h,i)perylene
 Concen: 33.83 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BF077432.D
 Acq: 25 Feb 2015 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	20.9	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

