

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
 Data File : BF077888.D
 Acq On : 21 Mar 2015 4:03
 Operator : TP/IZ
 Sample : G1575-07
 Misc : W
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-12V

Quant Time: Mar 21 05:35:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 21 04:23:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	40759	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	161789	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	79878	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	163372	20.00	ng	0.00
75) Chrysene-d12	15.99	240	175631	20.00	ng	0.00
86) Perylene-d12	17.72	264	178071	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	154893	66.33	ng	0.00
7) Phenol-d6	6.70	99	119060	41.27	ng	0.00
23) Nitrobenzene-d5	7.82	82	265129	107.42	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	108823	142.39	ng	0.00
44) 2-Fluorobiphenyl	10.05	172	545550	100.37	ng	0.00
78) Terphenyl-d14	14.71	244	621603	86.45	ng	0.00

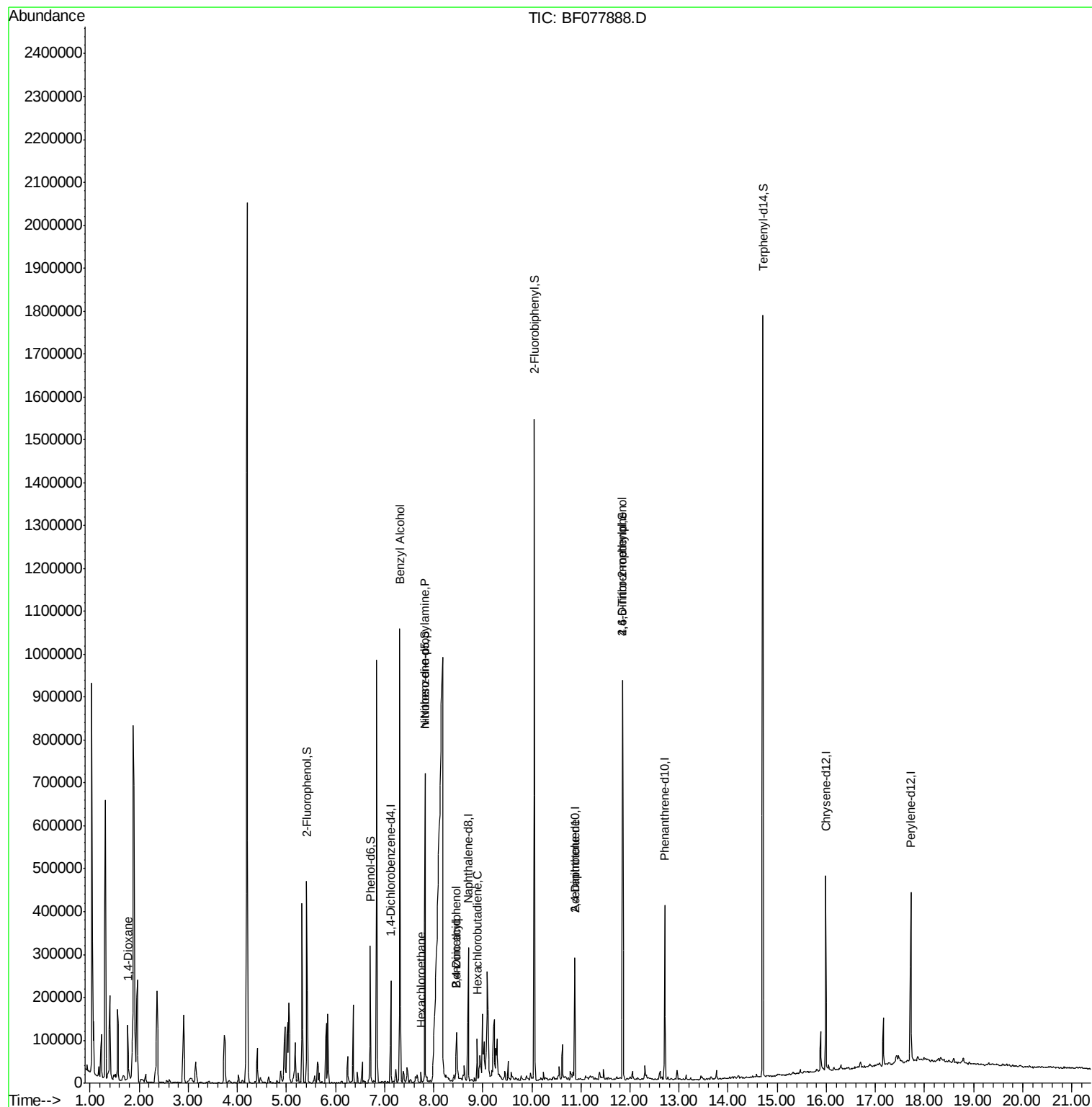
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.77	88	5119	4.83	ng	# 100
15) Benzyl Alcohol	7.31	79	6906	3.07	ng	# 59
18) Hexachloroethane	7.74	117	2961	2.81	ng	98
19) n-Nitroso-di-n-propylamine	7.82	70	34149	17.11	ng	# 76
27) 2,4-Dimethylphenol	8.46	122	43405	18.30	ng	# 8
32) Benzoic acid	8.46	122	43863	34.11	ng	98
34) Hexachlorobutadiene	8.89	225	11375	7.93	ng	97
56) 2,4-Dinitrotoluene	10.88	165	9821	6.13	ng	# 11
64) 4,6-Dinitro-2-methylphenol	11.85	198	219	4.56	ng	# 1

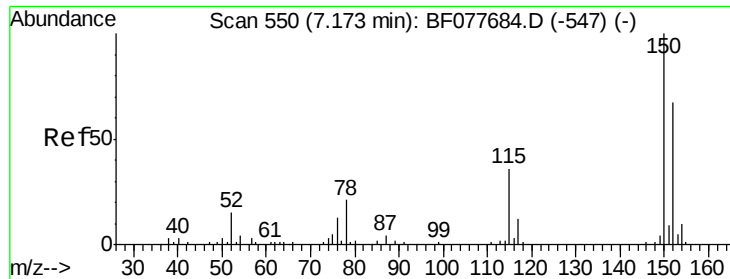
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

Instrument :

BNA_F

ClientSampleId :

RW-12V

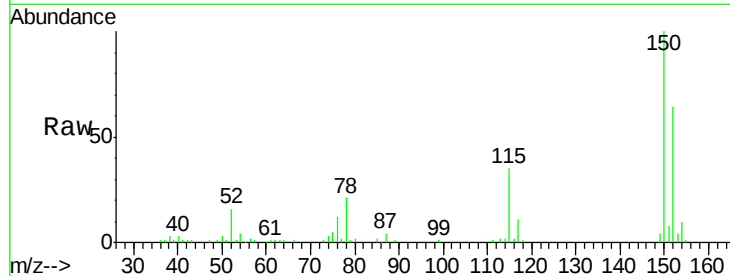
Tgt Ion:152 Resp: 40759

Ion Ratio Lower Upper

152 100

150 155.8 119.5 179.3

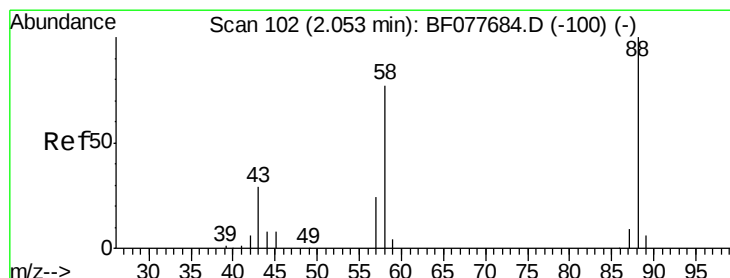
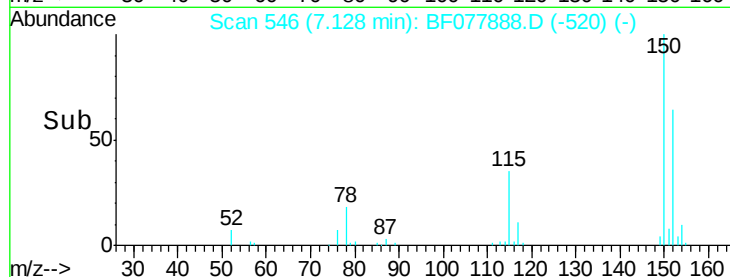
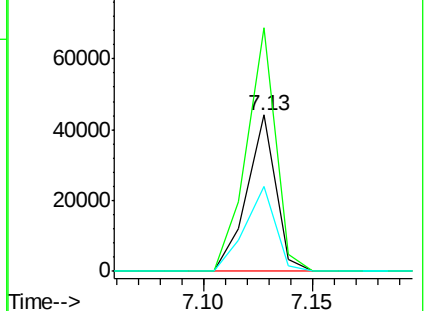
115 54.0 43.0 64.4



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: 4.83 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.23 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

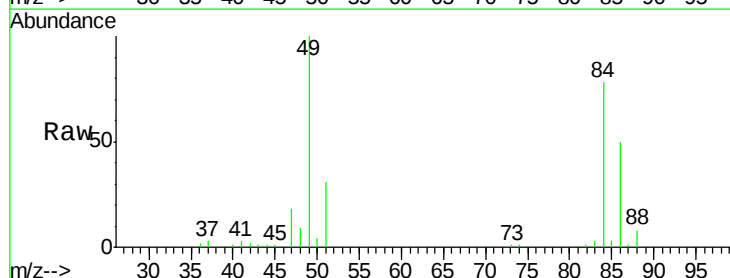
Tgt Ion: 88 Resp: 5119

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

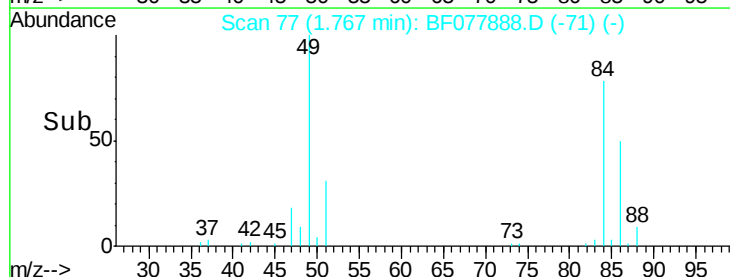
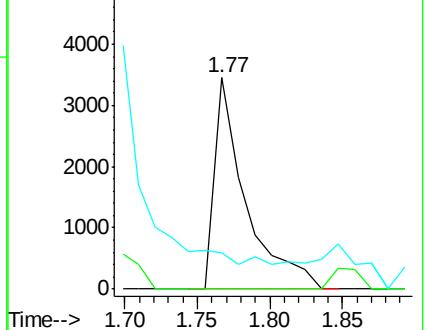
43 0.0 0.0 0.0

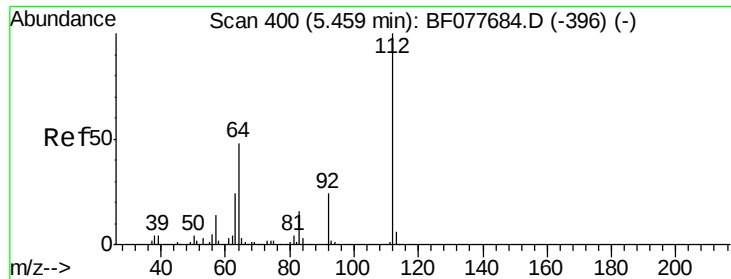


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 66.33 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

Instrument :

BNA_F

ClientSampleId :

RW-12V

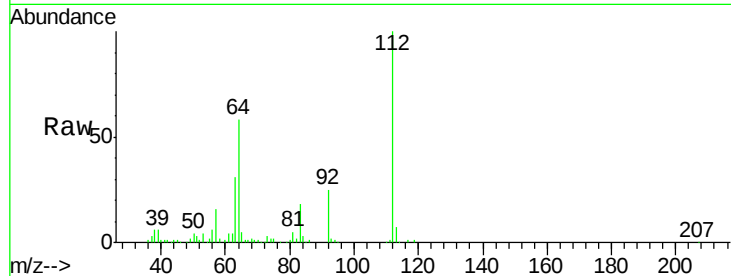
Tgt Ion: 112 Resp: 154893

Ion Ratio Lower Upper

112 100

64 57.9 38.6 57.8#

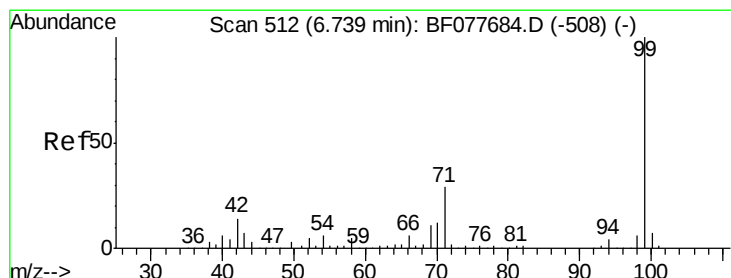
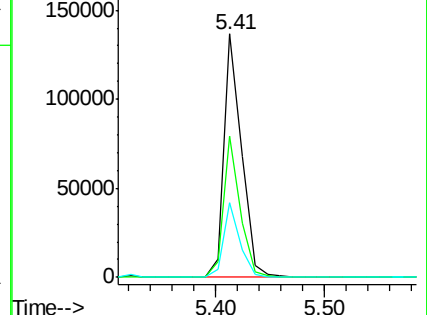
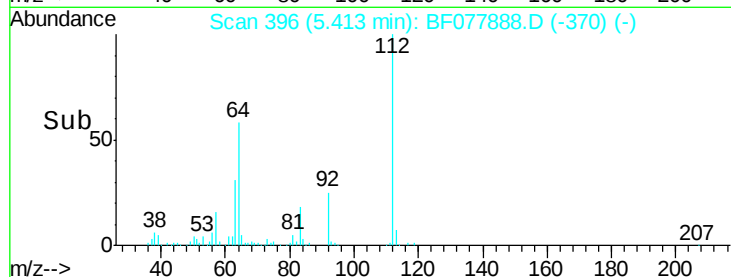
63 30.6 19.3 28.9#



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



#7

Phenol-d6

Concen: 41.27 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

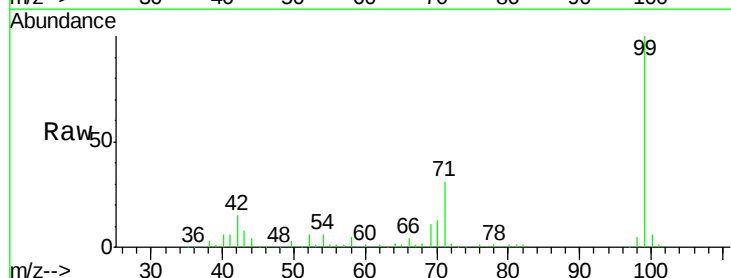
Tgt Ion: 99 Resp: 119060

Ion Ratio Lower Upper

99 100

42 15.2 11.0 16.4

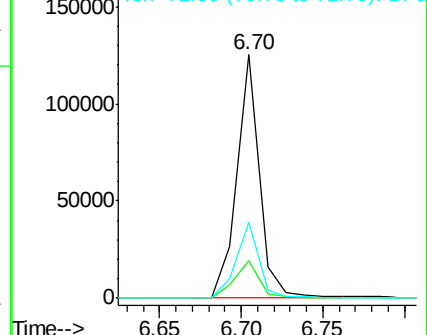
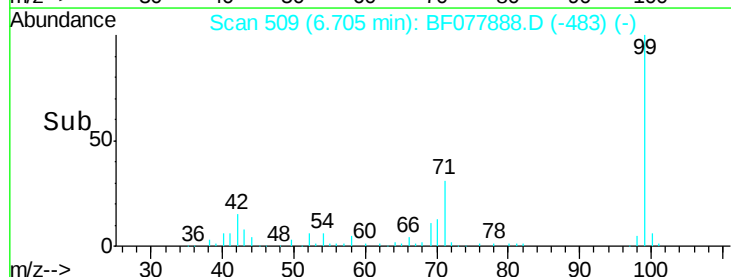
71 31.0 23.4 35.2

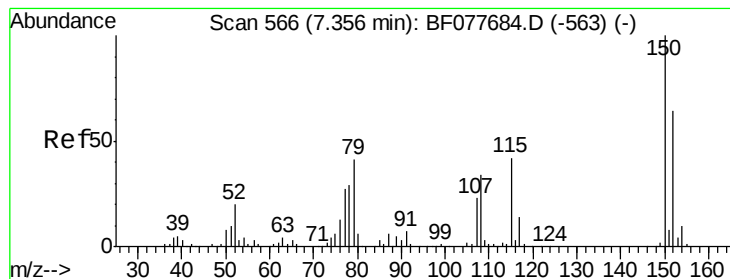


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 3.07 ng

RT: 7.31 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

Instrument :

BNA_F

ClientSampleId :

RW-12V

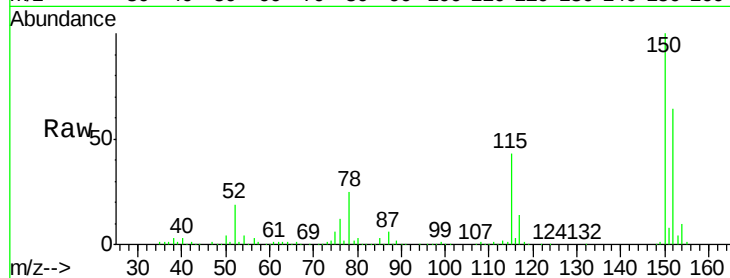
Tgt Ion: 79 Resp: 6906

Ion Ratio Lower Upper

79 100

108 41.6 65.0 97.4#

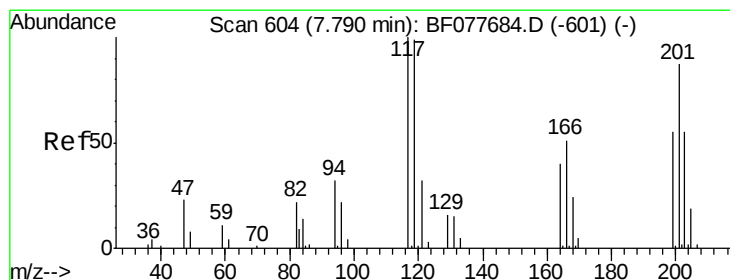
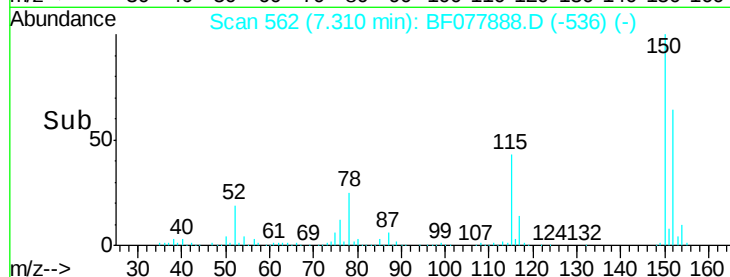
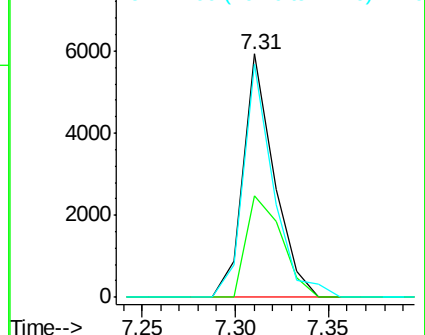
77 96.0 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 2.81 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

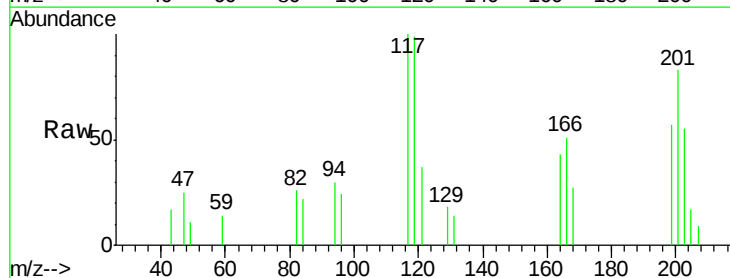
Tgt Ion: 117 Resp: 2961

Ion Ratio Lower Upper

117 100

119 98.7 79.2 118.8

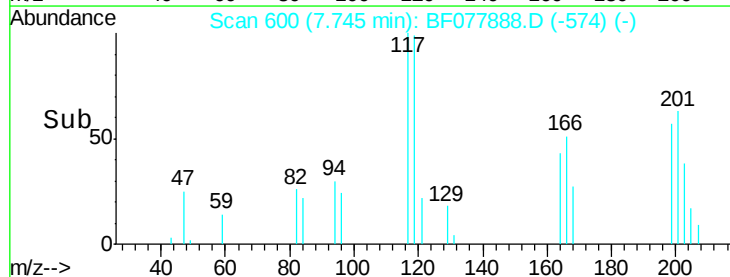
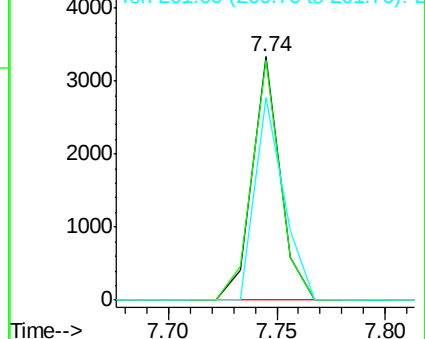
201 83.4 69.8 104.6

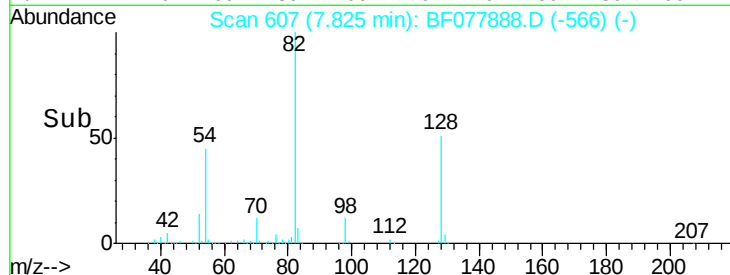
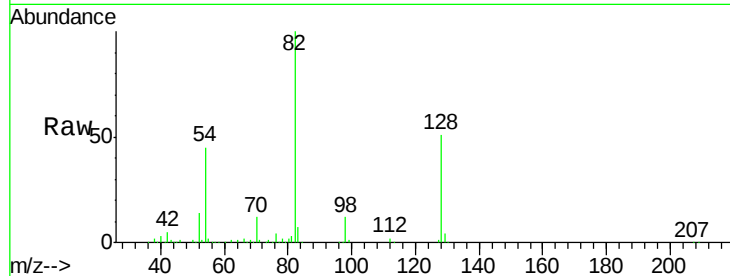
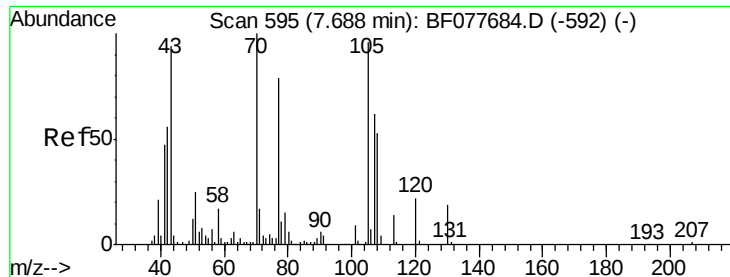


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

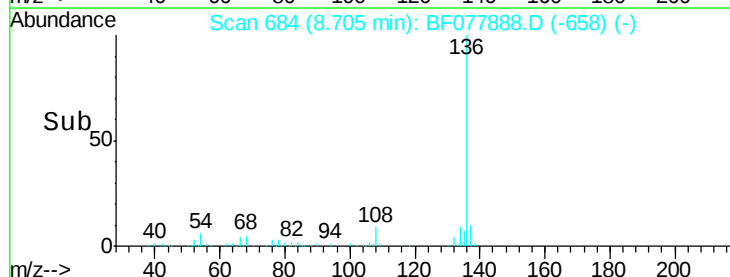
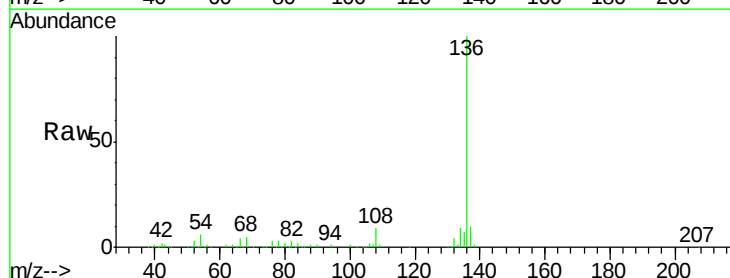
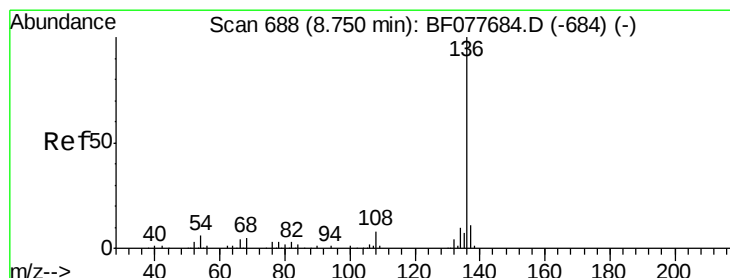
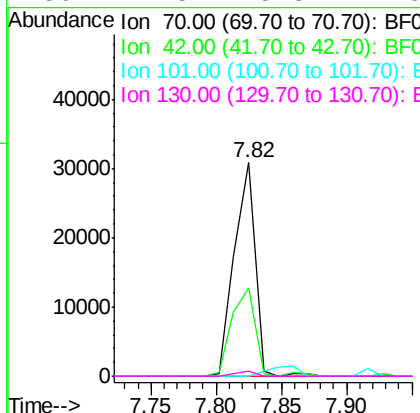




#19
n-Nitroso-di-n-propylamine
Concen: 17.11 ng
RT: 7.82 min Scan# 607
Delta R.T. 0.17 min
Lab File: BF077888.D
Acq: 21 Mar 2015 4:03

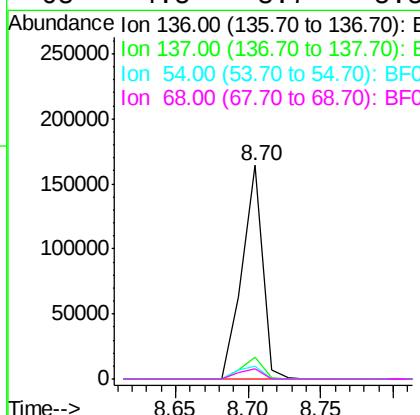
Instrument :
BNA_F
ClientSampleId :
RW-12V

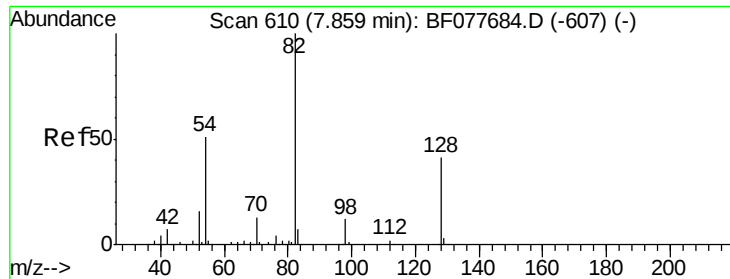
Tgt Ion: 70 Resp: 34149
Ion Ratio Lower Upper
70 100
42 41.5 44.5 66.7#
101 0.0 7.4 11.2#
130 2.5 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077888.D
Acq: 21 Mar 2015 4:03

Tgt Ion: 136 Resp: 161789
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 6.0 4.6 6.8
68 4.5 3.7 5.5

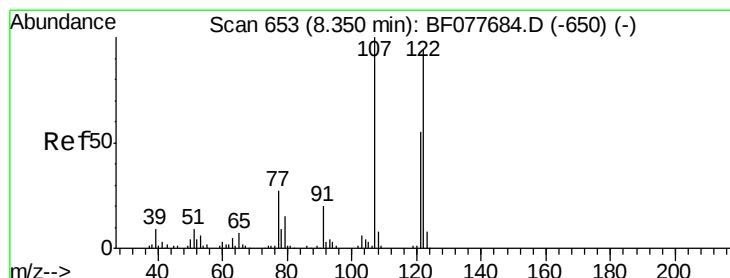
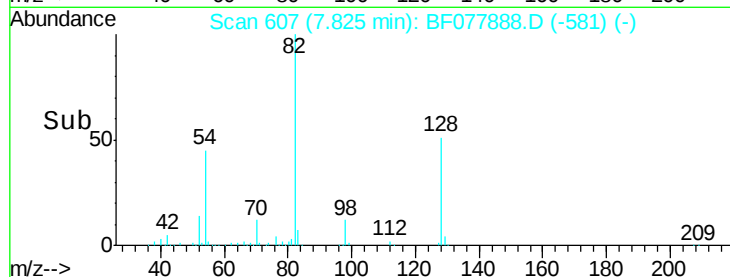
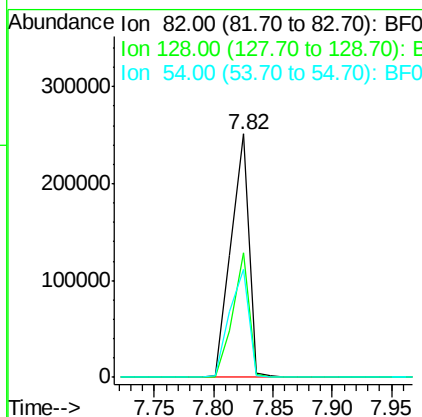
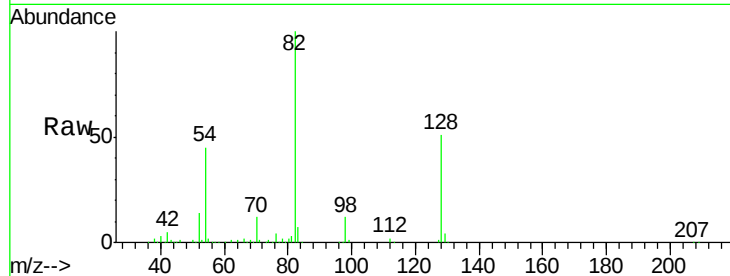




#23
 Nitrobenzene-d5
 Concen: 107.42 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF077888.D
 Acq: 21 Mar 2015 4:03

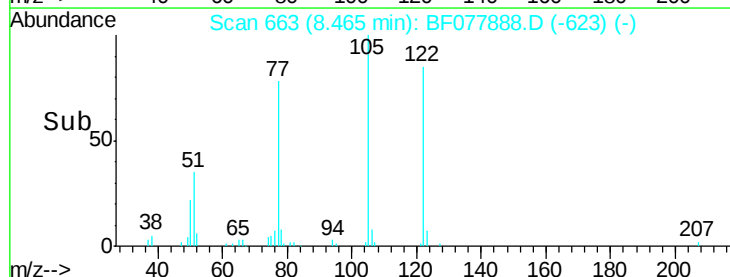
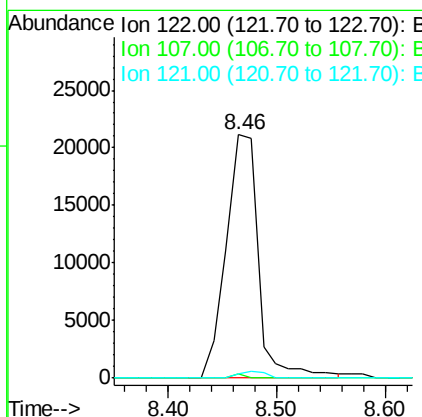
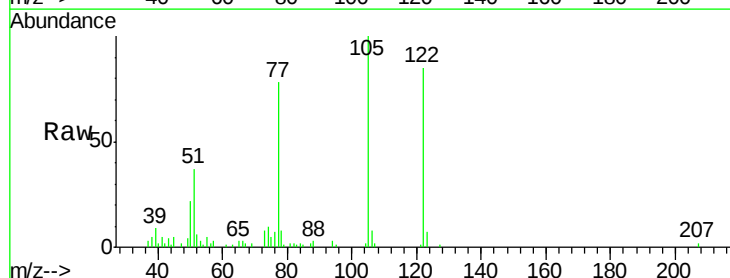
Instrument :
 BNA_F
 ClientSampleId :
 RW-12V

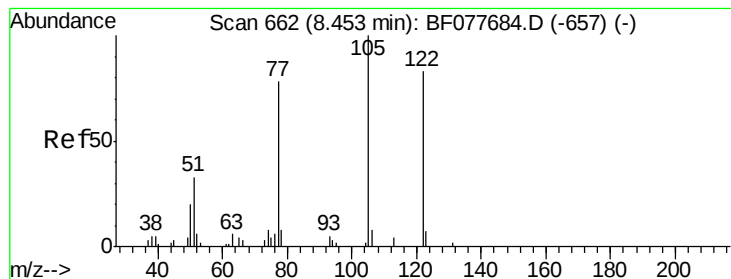
Tgt Ion: 82 Resp: 265129
 Ion Ratio Lower Upper
 82 100
 128 51.2 32.8 49.2#
 54 44.6 40.6 60.8



#27
 2,4-Dimethylphenol
 Concen: 18.30 ng
 RT: 8.46 min Scan# 663
 Delta R.T. 0.16 min
 Lab File: BF077888.D
 Acq: 21 Mar 2015 4:03

Tgt Ion: 122 Resp: 43405
 Ion Ratio Lower Upper
 122 100
 107 1.9 84.7 127.1#
 121 1.7 46.6 69.8#





#32

Benzoic acid

Concen: 34.11 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.05 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

Instrument :

BNA_F

ClientSampleId :

RW-12V

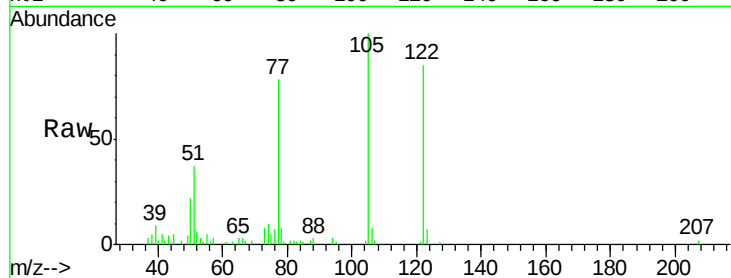
Tgt Ion:122 Resp: 43863

Ion Ratio Lower Upper

122 100

105 117.5 99.9 139.9

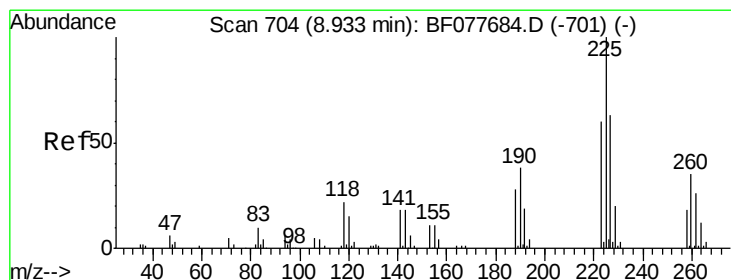
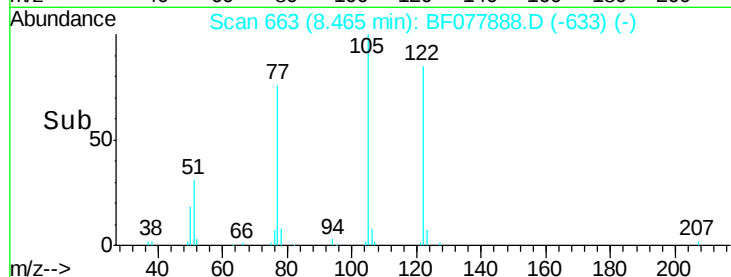
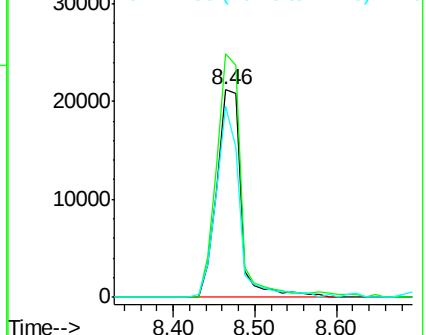
77 91.9 73.7 113.7



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



#34

Hexachlorobutadiene

Concen: 7.93 ng

RT: 8.89 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

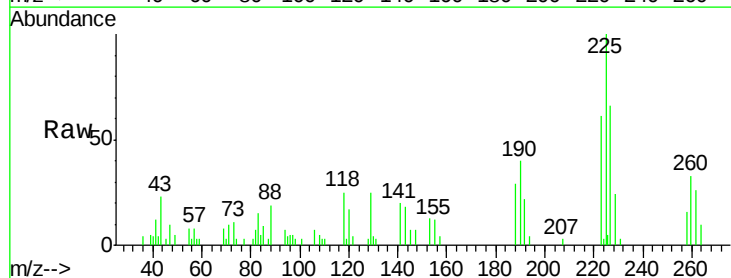
Tgt Ion:225 Resp: 11375

Ion Ratio Lower Upper

225 100

223 61.2 47.9 71.9

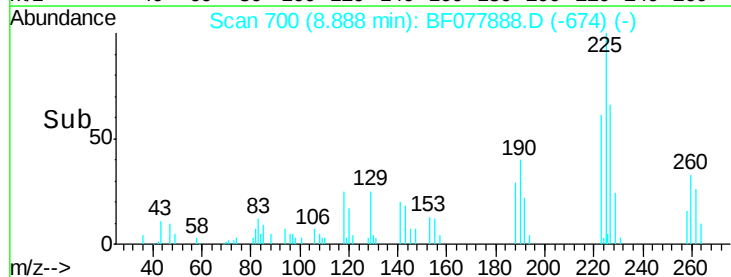
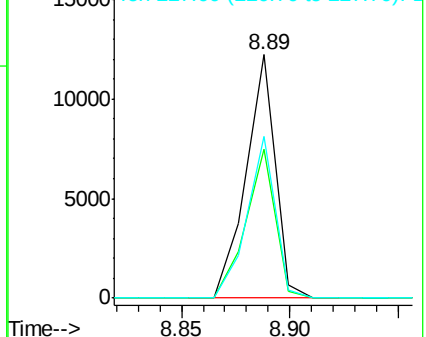
227 66.3 50.1 75.1

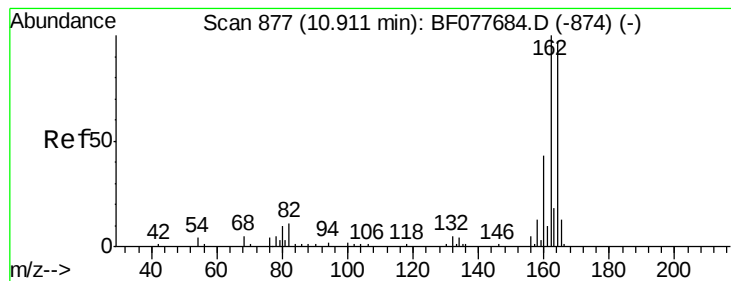


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

Instrument :

BNA_F

ClientSampleId :

RW-12V

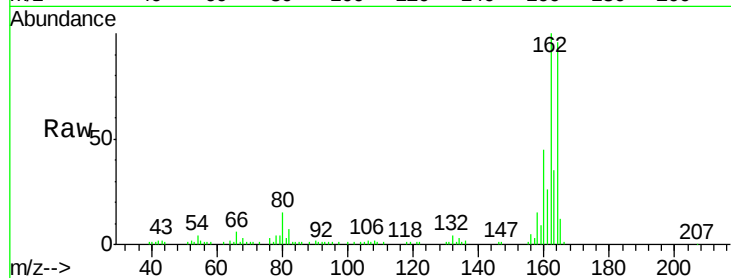
Tgt Ion:164 Resp: 79878

Ion Ratio Lower Upper

164 100

162 104.4 82.4 123.6

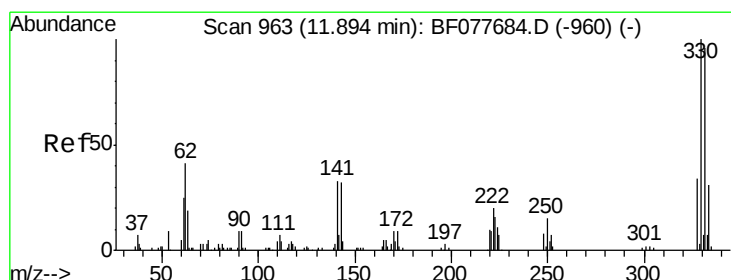
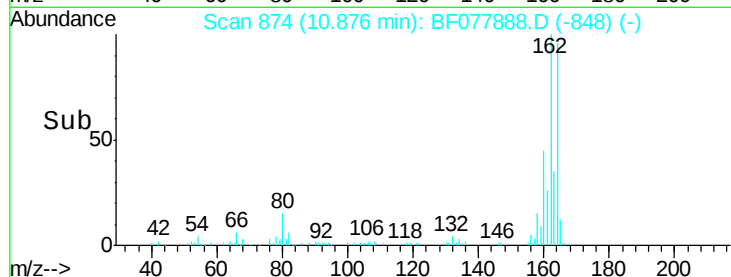
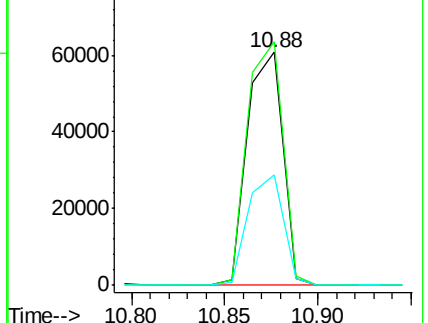
160 47.2 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: 142.39 ng

RT: 11.85 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

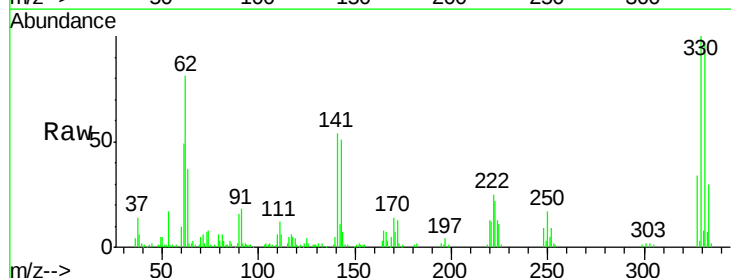
Tgt Ion:330 Resp: 108823

Ion Ratio Lower Upper

330 100

332 97.2 0.0 0.0#

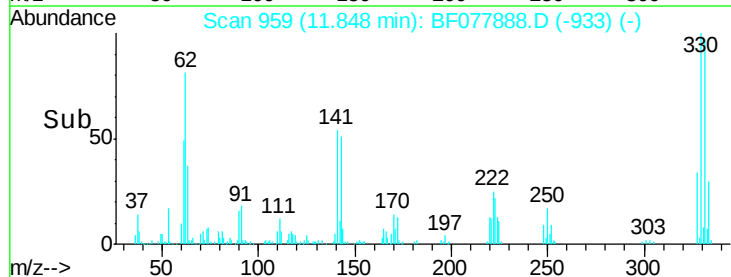
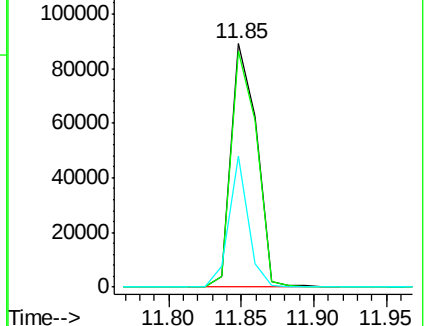
141 40.9 0.0 0.0#

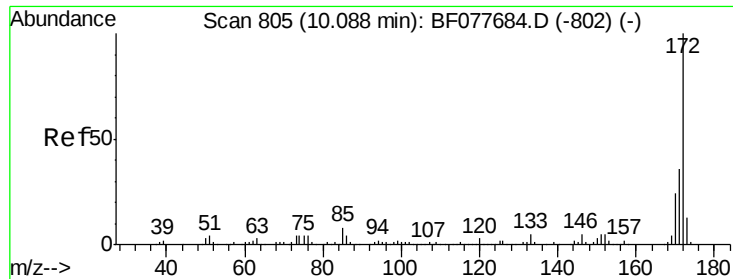


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

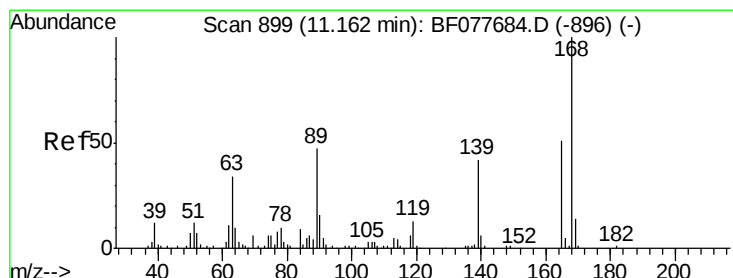
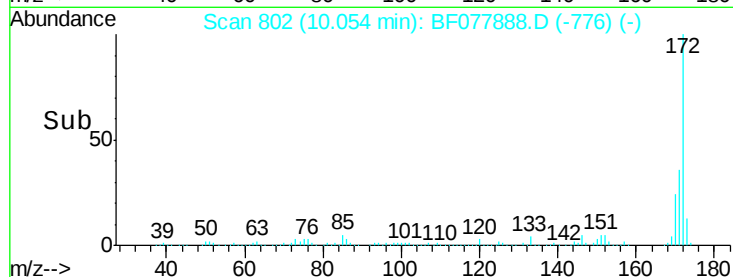
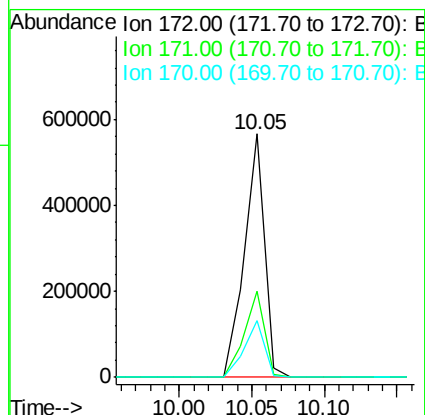
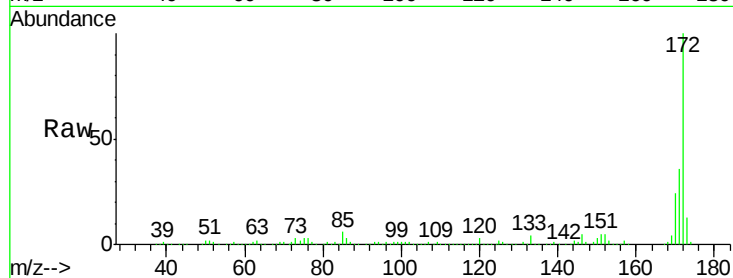




#44
 2-Fluorobiphenyl
 Concen: 100.37 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077888.D
 Acq: 21 Mar 2015 4:03

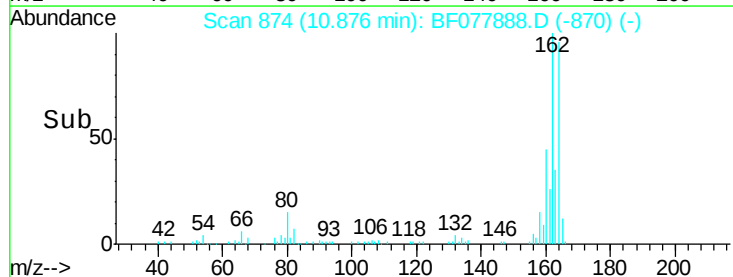
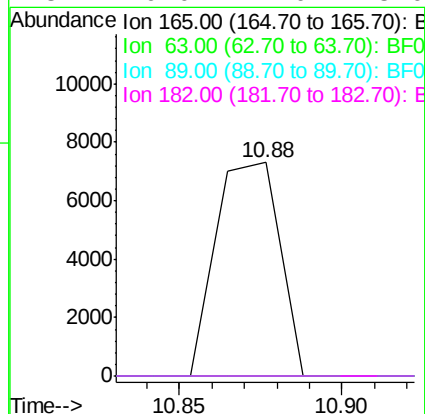
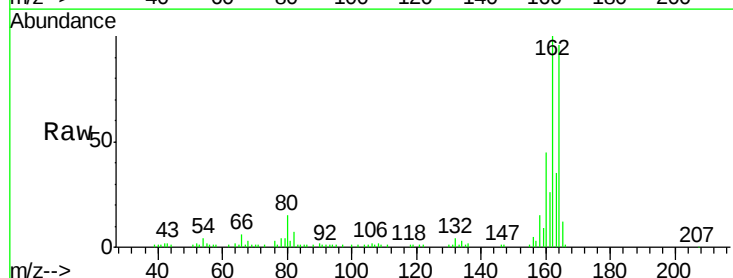
Instrument :
 BNA_F
 ClientSampleId :
 RW-12V

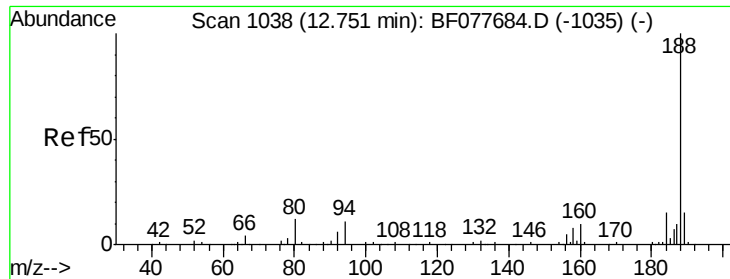
Tgt Ion:172 Resp: 545550
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.6 18.8 28.2



#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 10.88 min Scan# 874
 Delta R.T. -0.25 min
 Lab File: BF077888.D
 Acq: 21 Mar 2015 4:03

Tgt Ion:165 Resp: 9821
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.71 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

Instrument :

BNA_F

ClientSampleId :

RW-12V

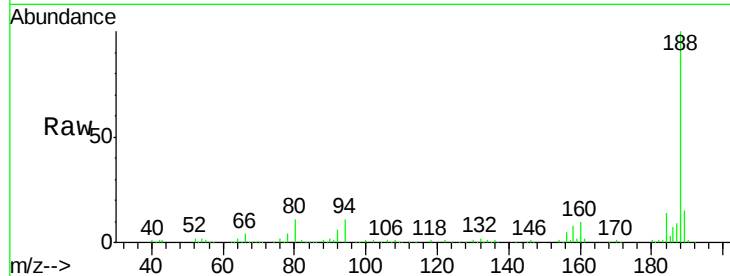
Tgt Ion:188 Resp: 163372

Ion Ratio Lower Upper

188 100

94 11.3 8.7 13.1

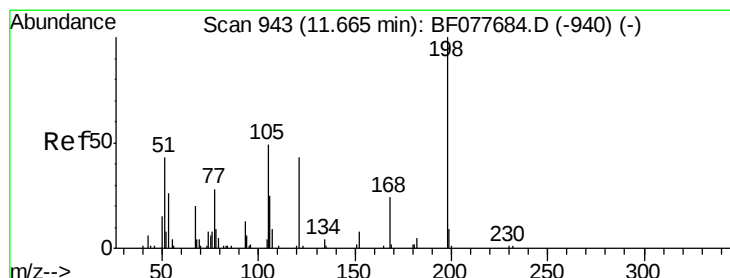
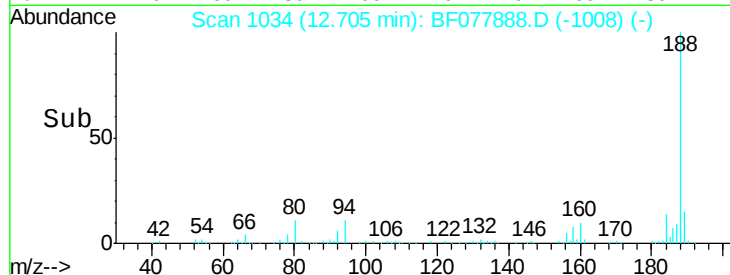
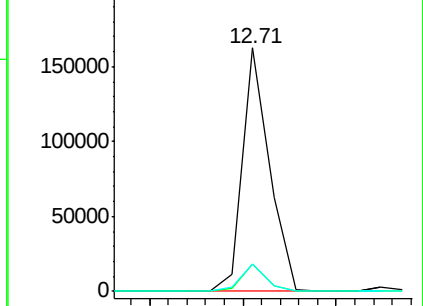
80 11.3 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 4.56 ng

RT: 11.85 min Scan# 959

Delta R.T. 0.22 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

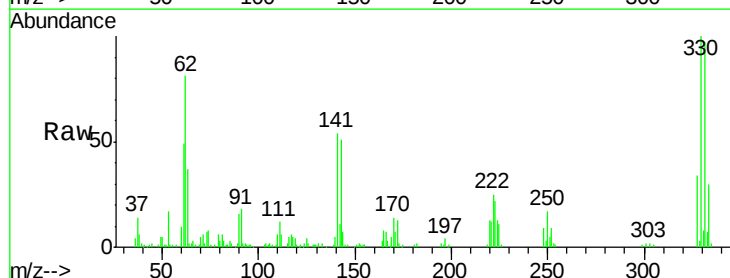
Tgt Ion:198 Resp: 219

Ion Ratio Lower Upper

198 100

51 279.7 28.8 68.8#

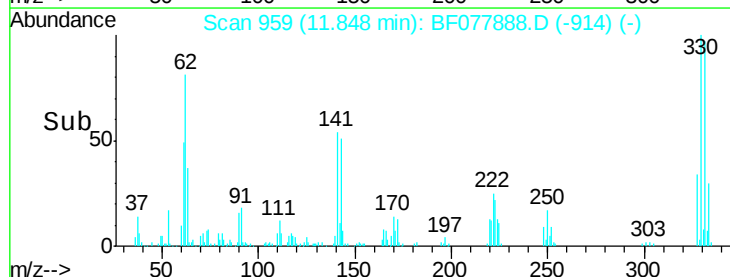
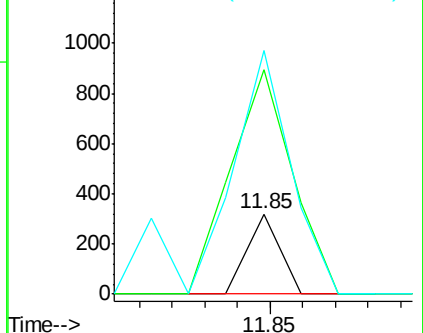
105 303.4 30.5 70.5#

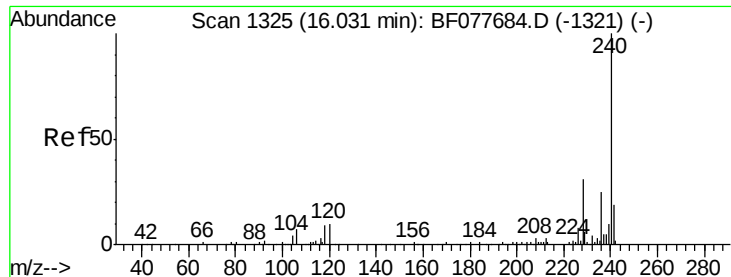


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.99 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

Instrument :

BNA_F

ClientSampleId :

RW-12V

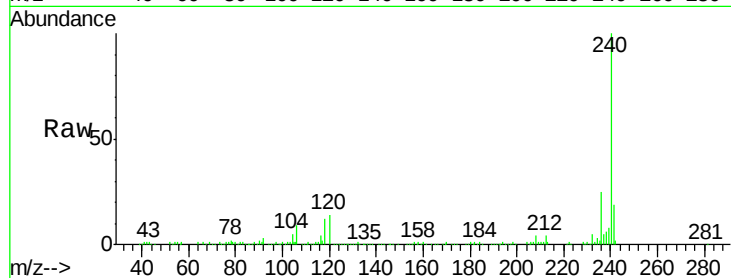
Tgt Ion:240 Resp: 175631

Ion Ratio Lower Upper

240 100

120 13.5 8.2 12.2#

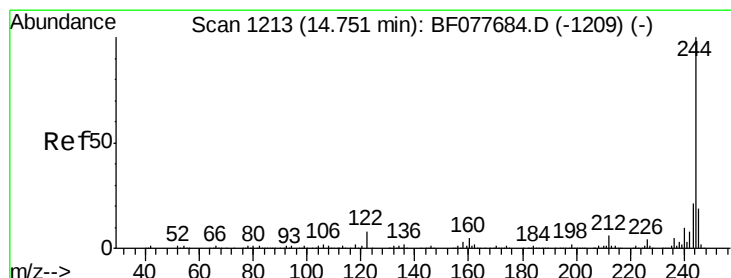
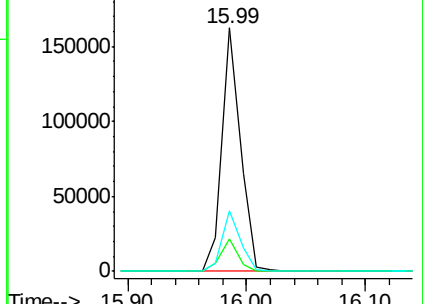
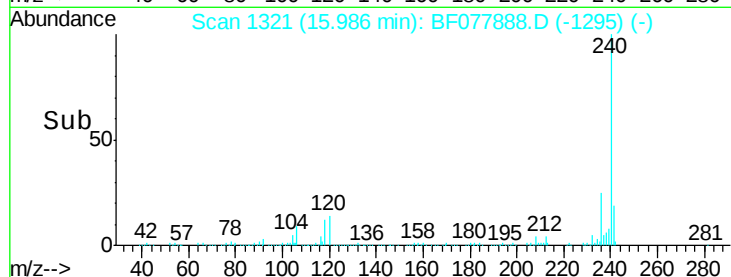
236 25.1 20.0 30.0



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



#78

Terphenyl-d14

Concen: 86.45 ng

RT: 14.71 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

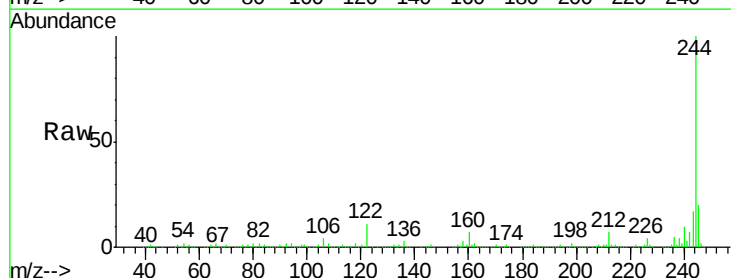
Tgt Ion:244 Resp: 621603

Ion Ratio Lower Upper

244 100

212 6.7 4.9 7.3

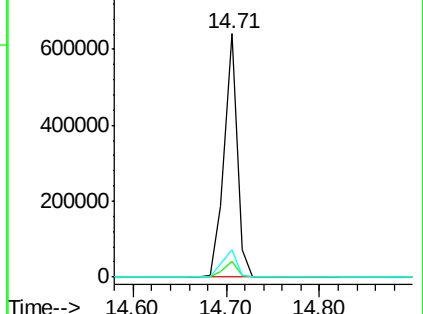
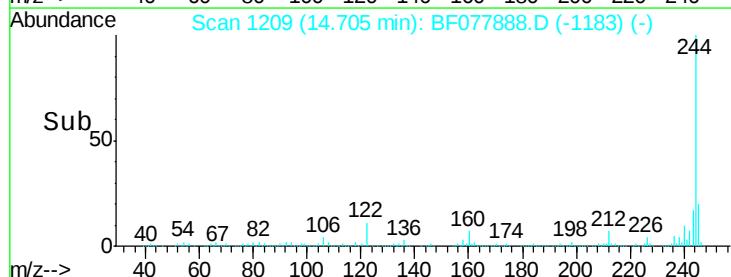
122 11.0 6.2 9.4#

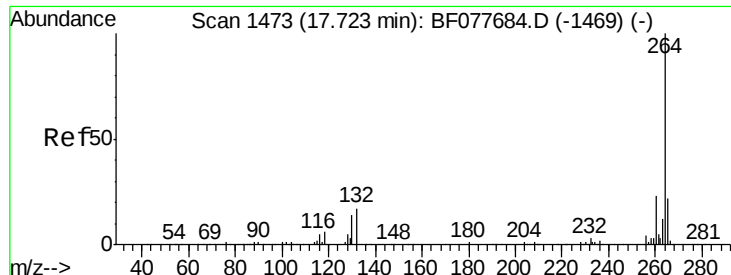


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.72 min Scan# 1473
Delta R.T. 0.02 min
Lab File: BF077888.D
Acq: 21 Mar 2015 4:03

Instrument :
BNA_F
ClientSampleId :
RW-12V

Tgt Ion: 264 Resp: 178071
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 20.7 17.3 25.9

