

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077887.D
 Acq On : 21 Mar 2015 3:34
 Operator : TP/IZ
 Sample : G1575-06
 Misc : W
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-11V

Quant Time: Mar 21 06:32:29 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

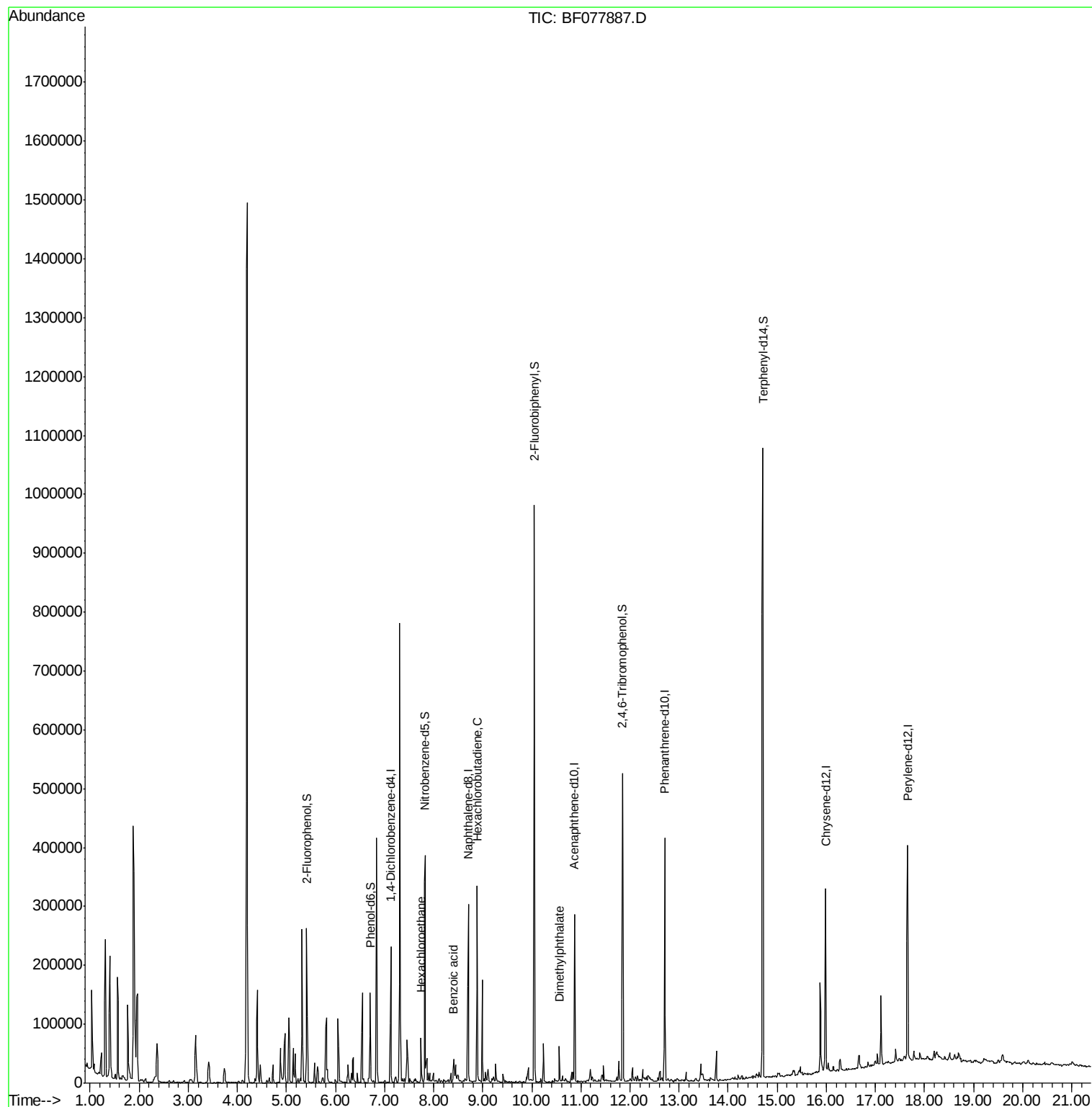
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	41361	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	164039	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	83837	20.00	ng	-0.01
63) Phenanthrene-d10	12.71	188	161395	20.00	ng	0.00
75) Chrysene-d12	15.99	240	169871	20.00	ng	0.00
86) Perylene-d12	17.65	264	163285	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	84481	35.65	ng	0.00
7) Phenol-d6	6.70	99	67060	22.91	ng	0.00
23) Nitrobenzene-d5	7.82	82	179146	71.59	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	55348	69.00	ng	0.00
44) 2-Fluorobiphenyl	10.05	172	389355	68.25	ng	0.00
78) Terphenyl-d14	14.71	244	474102	68.17	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.74	117	8712	8.15	ng	97
32) Benzoic acid	8.41	122	15610	13.98	ng	96
34) Hexachlorobutadiene	8.89	225	45849	31.54	ng	97
49) Dimethylphthalate	10.56	163	24156	3.88	ng	98

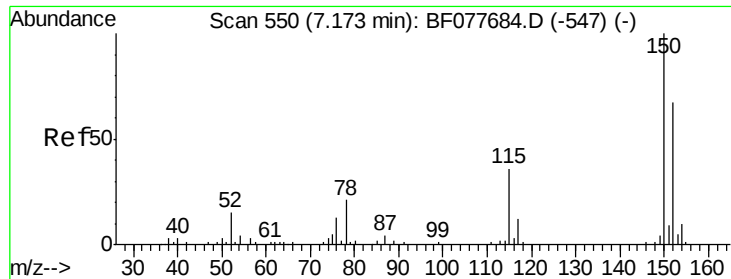
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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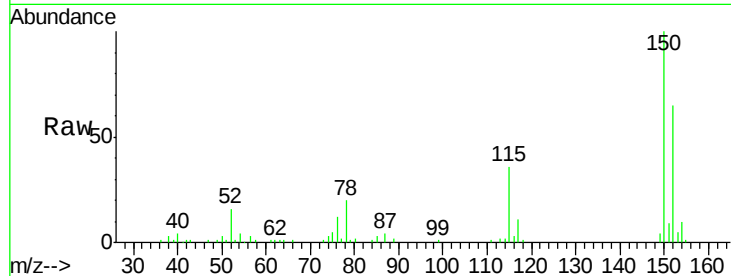


#1

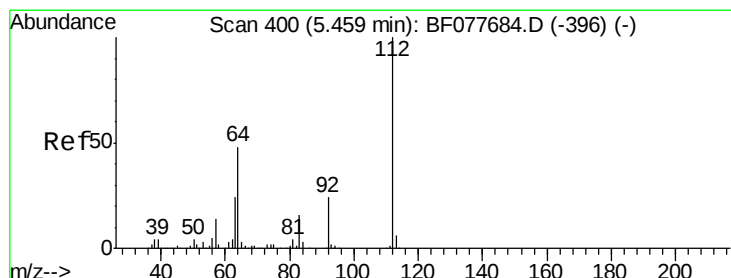
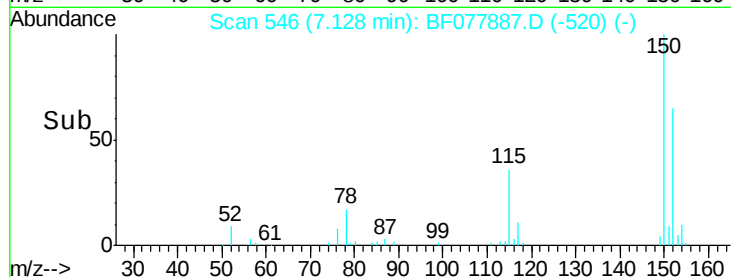
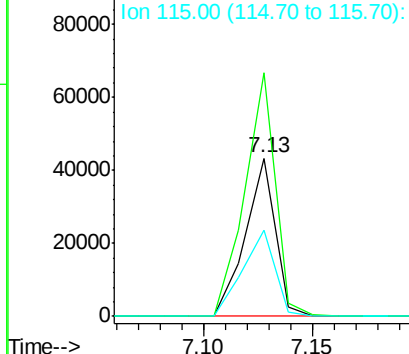
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF077887.D
Acq: 21 Mar 2015 3:34

Instrument :
BNA_F
ClientSampled :
RW-11V

Tot Ion:152 Resp: 41361
Ion Ratio Lower Upper
152 100
150 153.9 119.5 179.3
115 54.7 43.0 64.4



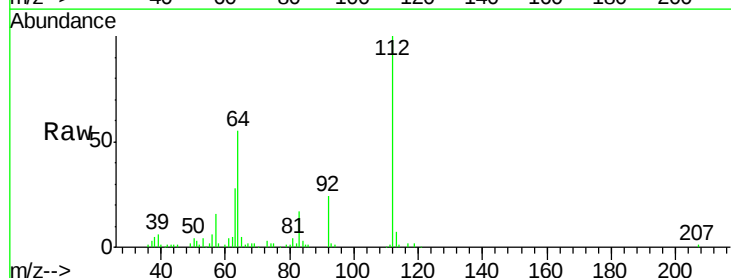
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



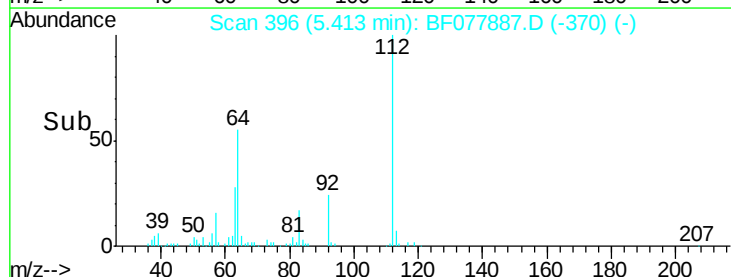
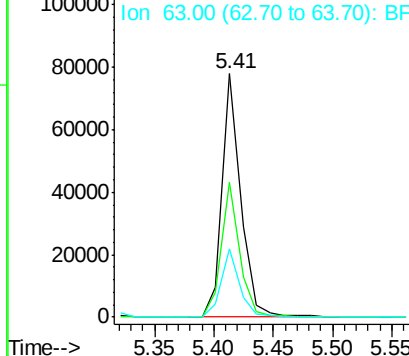
#5

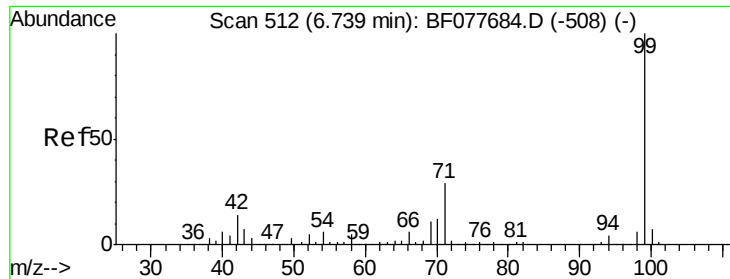
2-Fluorophenol
Concen: 35.65 ng
RT: 5.41 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF077887.D
Acq: 21 Mar 2015 3:34

Tgt Ion:112 Resp: 84481
Ion Ratio Lower Upper
112 100
64 55.4 38.6 57.8
63 28.0 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.91 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077887.D

Acq: 21 Mar 2015 3:34

Instrument :

BNA_F

ClientSampleId :

RW-11V

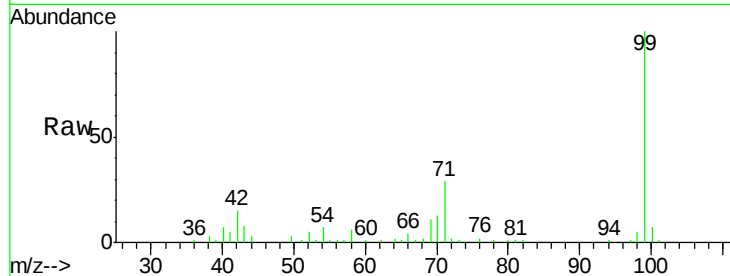
Tot Ion: 99 Resp: 67060

Ion Ratio Lower Upper

99 100

42 15.1 11.0 16.4

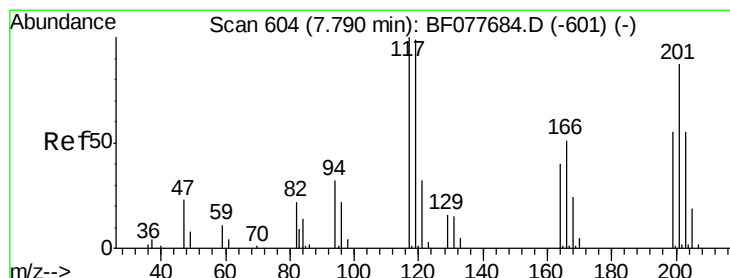
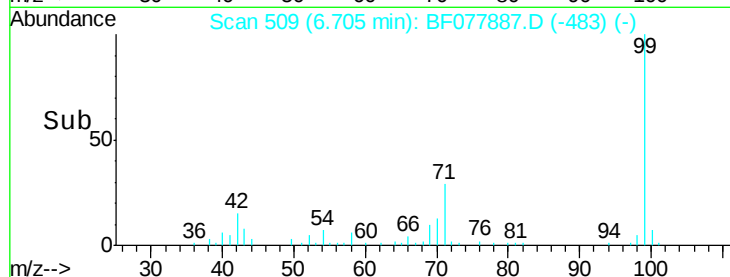
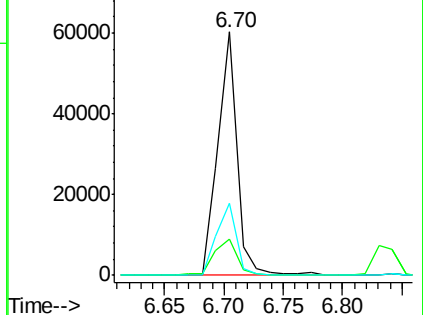
71 29.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-508) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-508) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-508) (-)



#18

Hexachloroethane

Concen: 8.15 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF077887.D

Acq: 21 Mar 2015 3:34

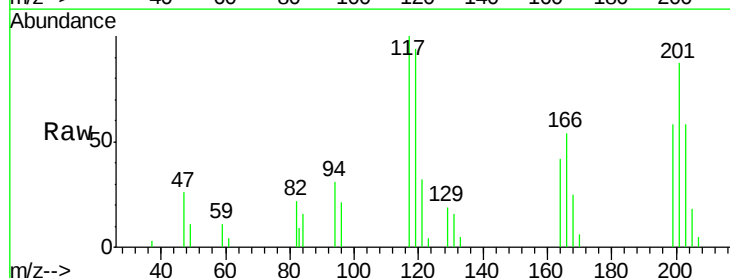
Tgt Ion: 117 Resp: 8712

Ion Ratio Lower Upper

117 100

119 94.2 79.2 118.8

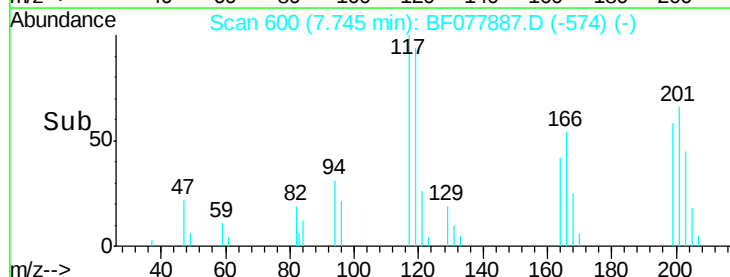
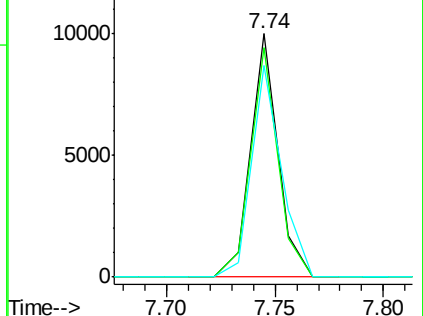
201 86.9 69.8 104.6

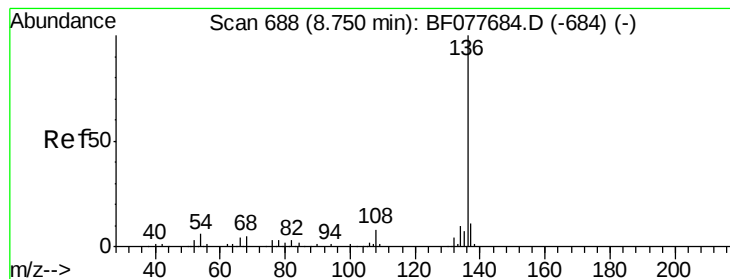


Abundance Ion 117.00 (116.70 to 117.70): BF077684.D (-601) (-)

Ion 119.00 (118.70 to 119.70): BF077684.D (-601) (-)

Ion 201.00 (200.70 to 201.70): BF077684.D (-601) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.70 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF077887.D

Acq: 21 Mar 2015 3:34

Instrument :

BNA_F

ClientSampleId :

RW-11V

Tot Ion:136 Resp: 164039

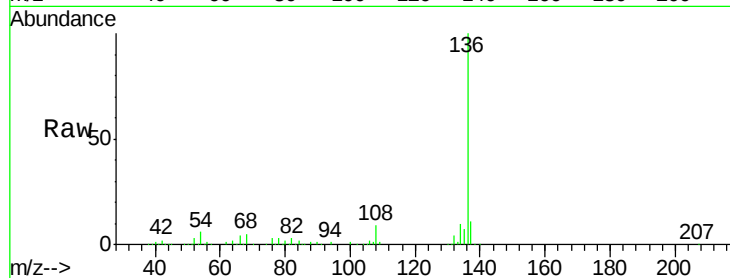
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 5.9 4.6 6.8

68 4.5 3.7 5.5

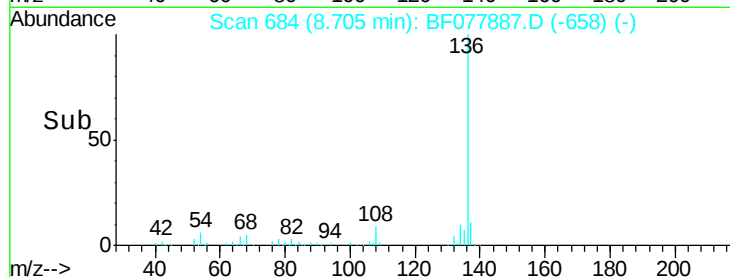


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

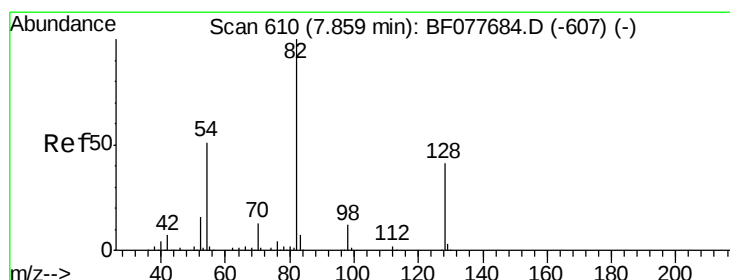
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.65 8.70 8.75



#23

Nitrobenzene-d5

Concen: 71.59 ng

RT: 7.82 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF077887.D

Acq: 21 Mar 2015 3:34

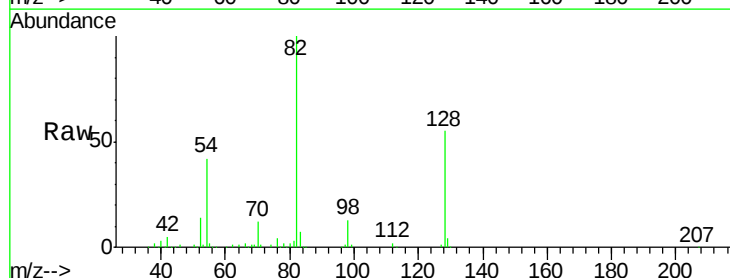
Tgt Ion: 82 Resp: 179146

Ion Ratio Lower Upper

82 100

128 54.7 32.8 49.2#

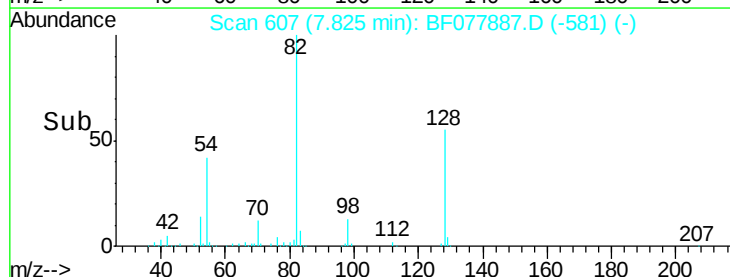
54 42.0 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

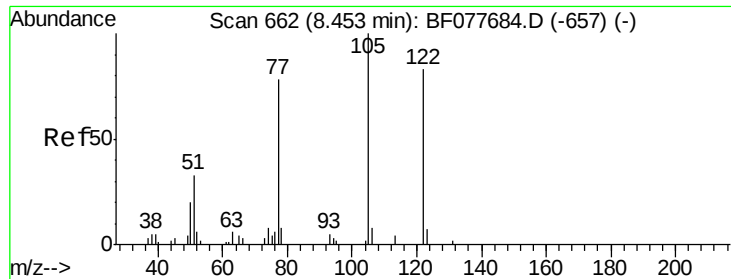
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

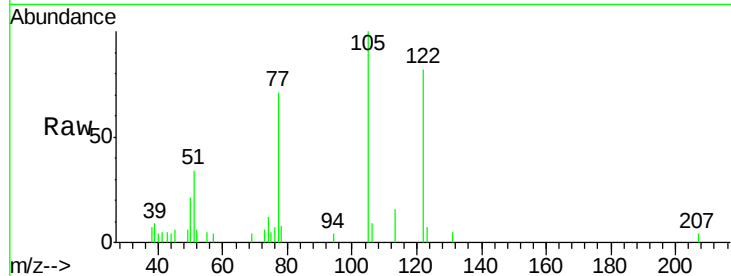
7.75 7.80 7.85 7.90 7.95



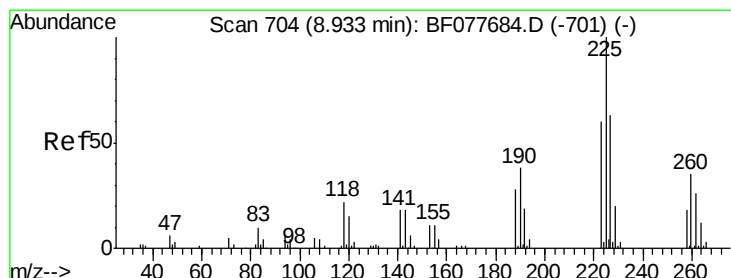
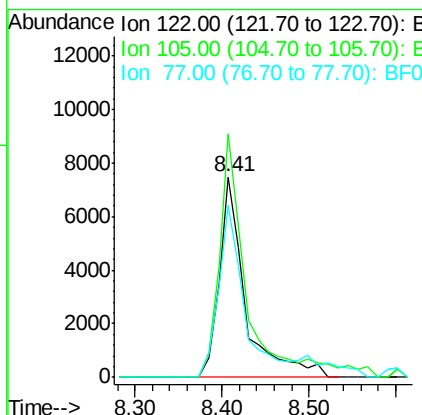
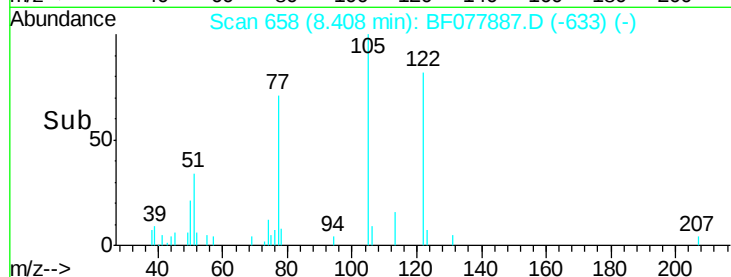
#32
Benzoic acid
Concen: 13.98 ng
RT: 8.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF077887.D
Acq: 21 Mar 2015 3:34

Instrument :
BNA_F
ClientSampleId :
RW-11V

Tot Ion:122 Resp: 15610
Ion Ratio Lower Upper
122 100
105 121.6 99.9 139.9
77 86.2 73.7 113.7

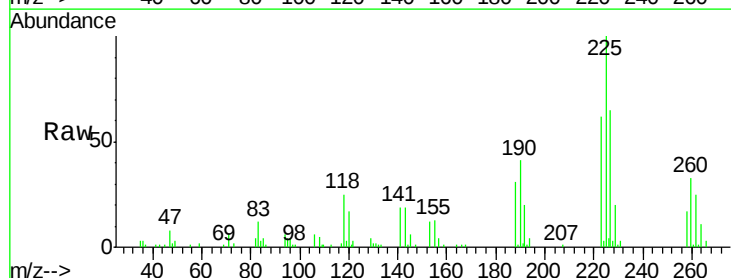


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

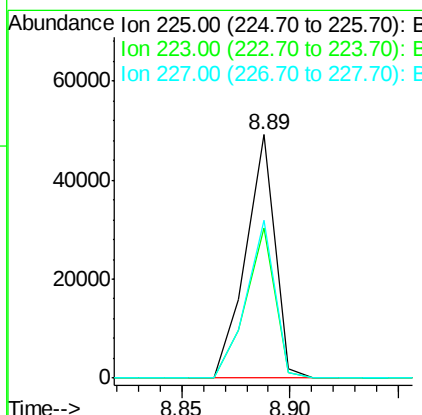
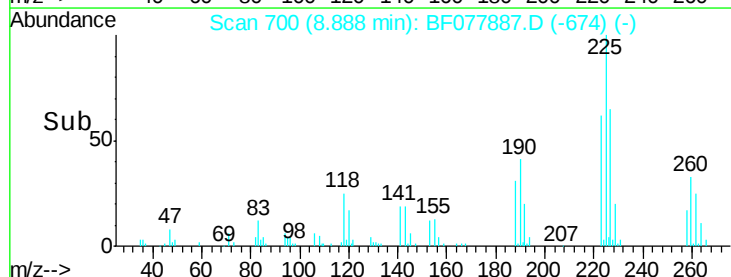


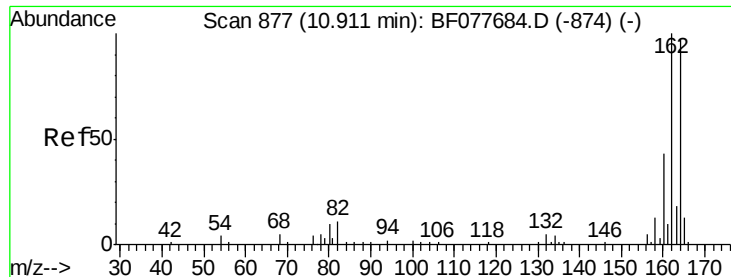
#34
Hexachlorobutadiene
Concen: 31.54 ng
RT: 8.89 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF077887.D
Acq: 21 Mar 2015 3:34

Tgt Ion:225 Resp: 45849
Ion Ratio Lower Upper
225 100
223 61.9 47.9 71.9
227 65.1 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: 10.87 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF077887.D

Acq: 21 Mar 2015 3:34

Instrument :

BNA_F

ClientSampleId :

RW-11V

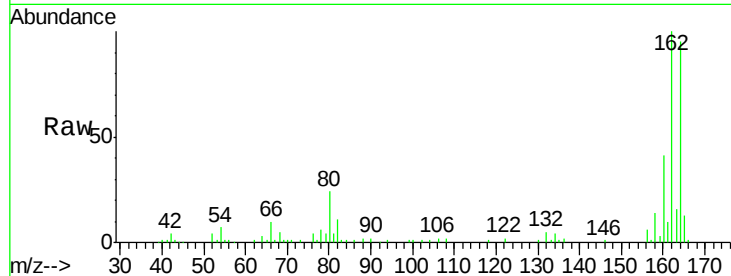
Tot Ion:164 Resp: 83837

Ion Ratio Lower Upper

164 100

162 105.1 82.4 123.6

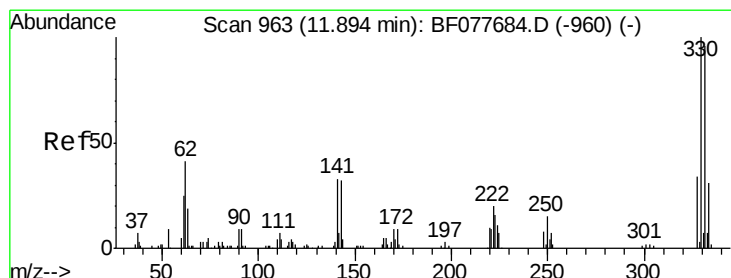
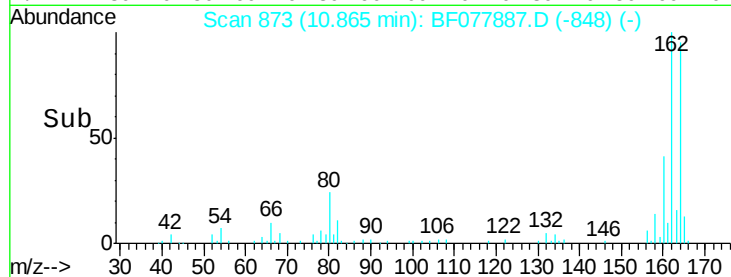
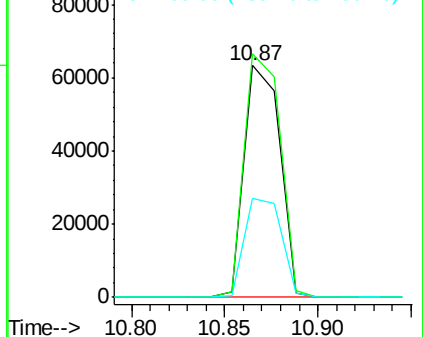
160 42.7 35.8 53.6



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: 69.00 ng

RT: 11.85 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF077887.D

Acq: 21 Mar 2015 3:34

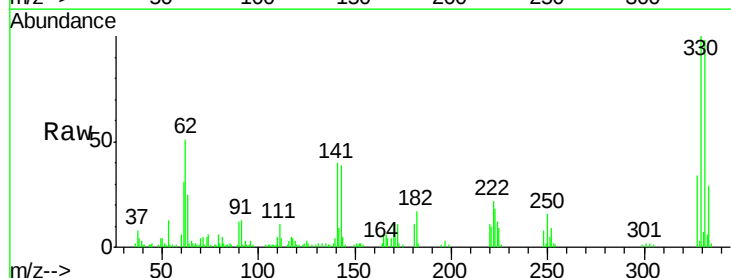
Tgt Ion:330 Resp: 55348

Ion Ratio Lower Upper

330 100

332 98.1 0.0 0.0#

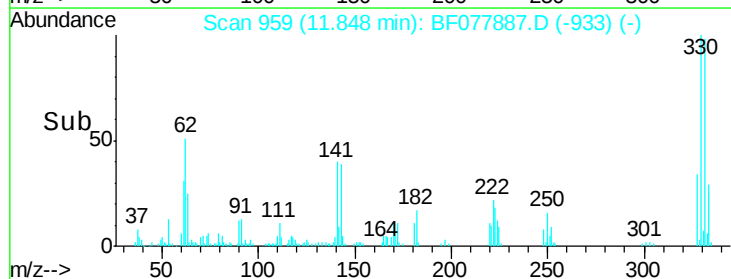
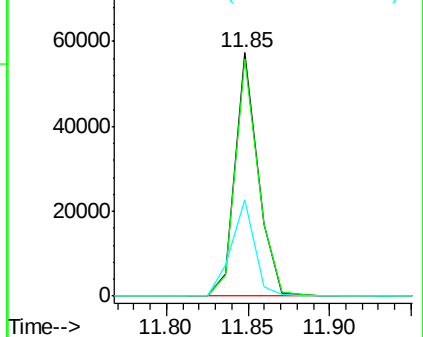
141 40.3 0.0 0.0#

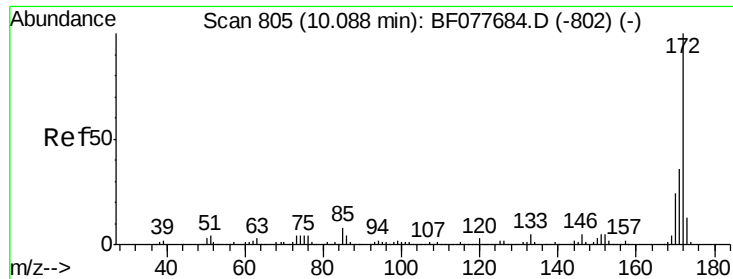


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

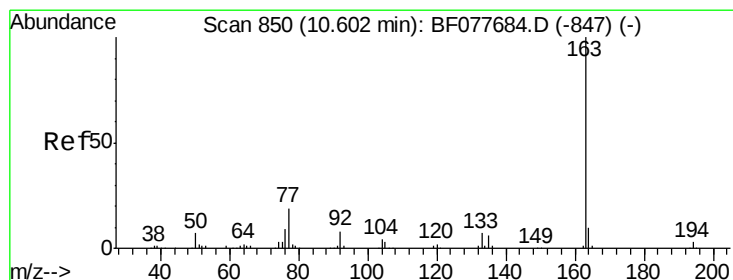
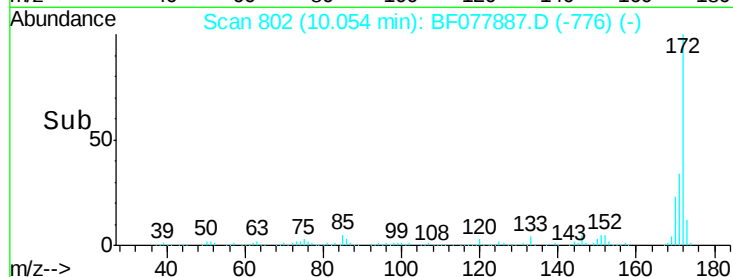
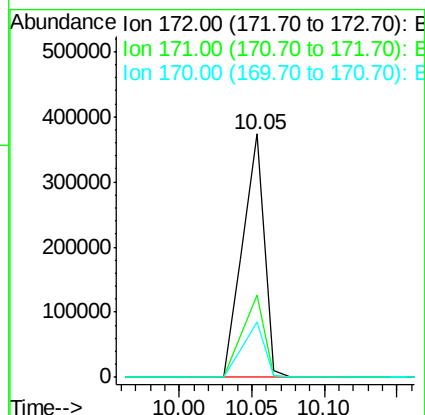
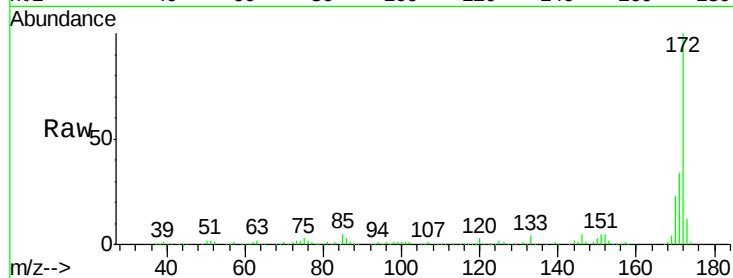




#44
2-Fluorobiphenyl
Concen: 68.25 ng
RT: 10.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF077887.D
Acq: 21 Mar 2015 3:34

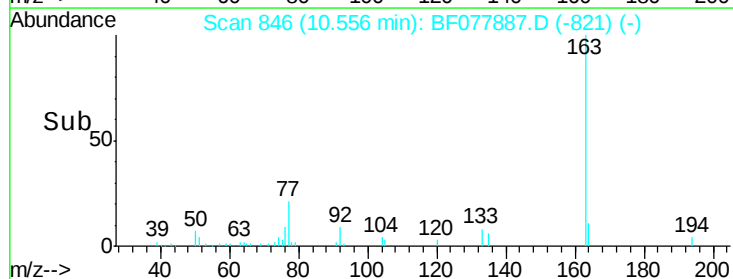
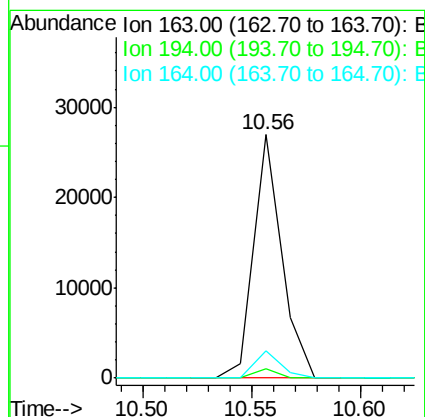
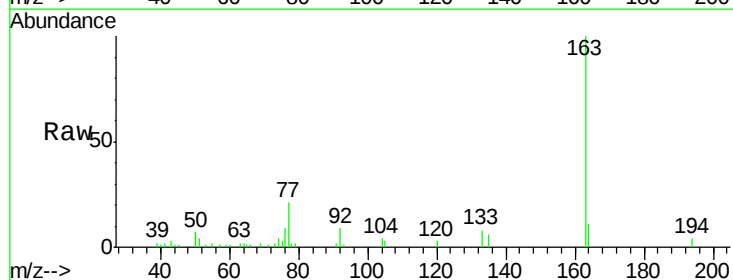
Instrument :
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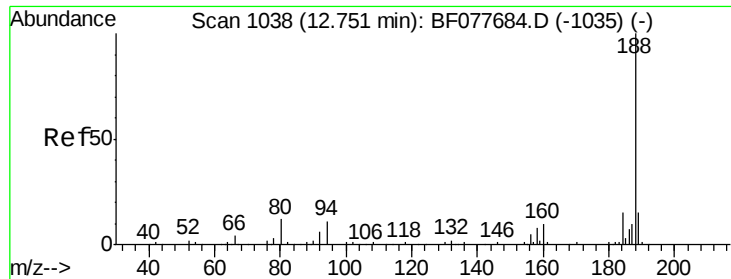
Tot Ion:172 Resp: 389355
Ion Ratio Lower Upper
172 100
171 33.9 28.5 42.7
170 22.9 18.8 28.2



#49
Dimethylphthalate
Concen: 3.88 ng
RT: 10.56 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF077887.D
Acq: 21 Mar 2015 3:34

Tgt Ion:163 Resp: 24156
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.2 8.2 12.2

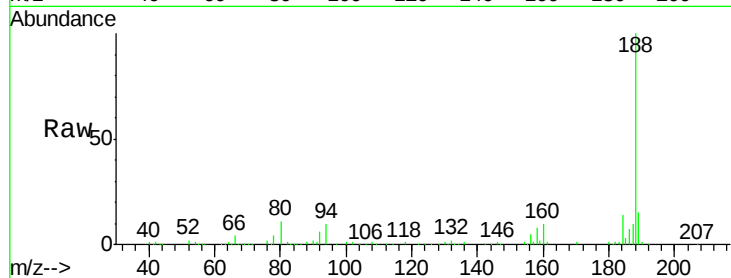




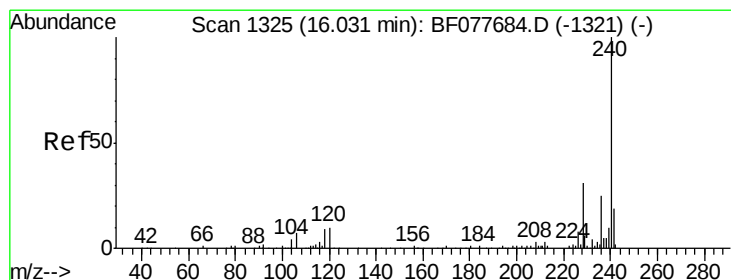
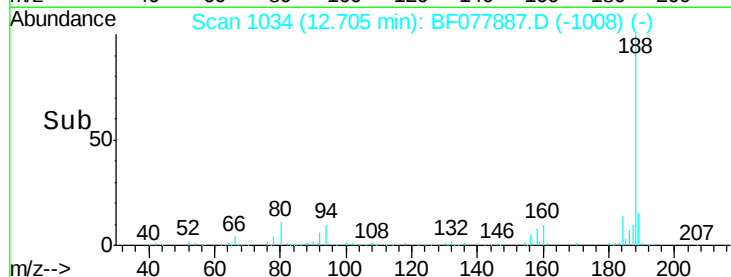
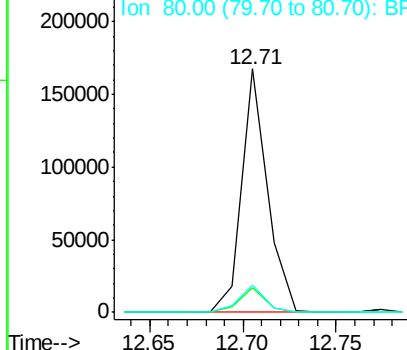
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF077887.D
Acq: 21 Mar 2015 3:34

Instrument :
BNA_F
ClientSampleId :
RW-11V

Tot Ion:188 Resp: 161395
Ion Ratio Lower Upper
188 100
94 10.0 8.7 13.1
80 11.4 9.3 13.9

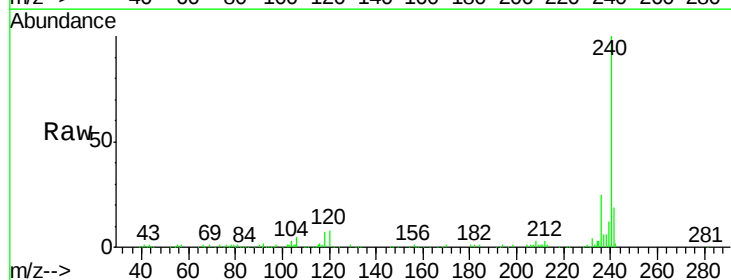


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

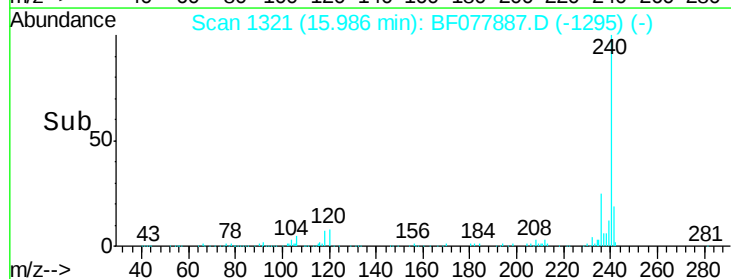
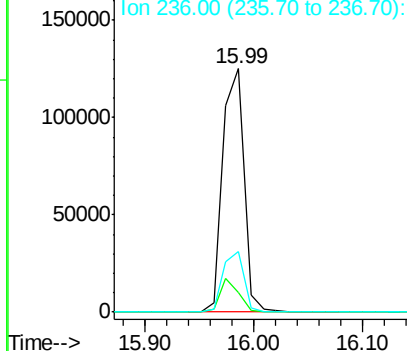


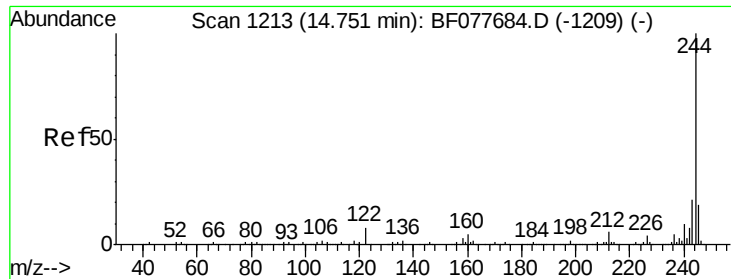
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF077887.D
Acq: 21 Mar 2015 3:34

Tgt Ion:240 Resp: 169871
Ion Ratio Lower Upper
240 100
120 8.0 8.2 12.2#
236 24.8 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

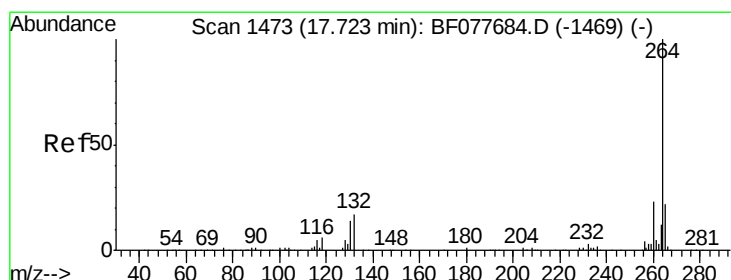
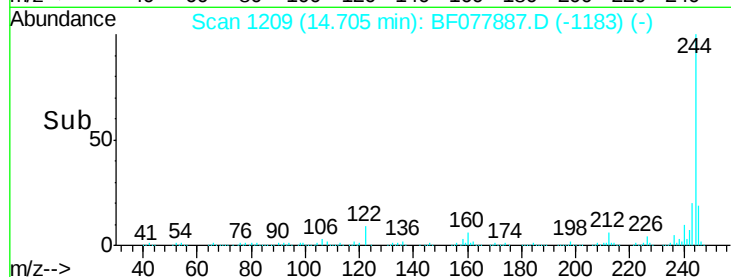
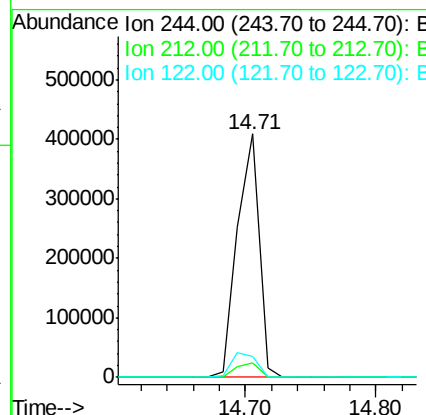
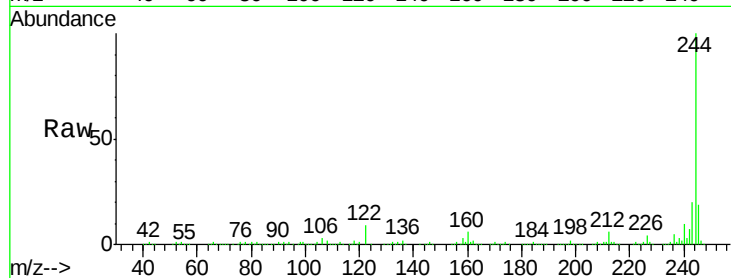




#78
 Terphenyl-d14
 Concen: 68.17 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF077887.D
 Acq: 21 Mar 2015 3:34

Instrument :
 BNA_F
 ClientSampleId :
 RW-11V

Tot Ion:244 Resp: 474102
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.9 7.3
 122 8.6 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.65 min Scan# 1467
 Delta R.T. -0.05 min
 Lab File: BF077887.D
 Acq: 21 Mar 2015 3:34

Tgt Ion:264 Resp: 163285
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.2 17.3 25.9

