

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077889.D
 Acq On : 21 Mar 2015 4:32
 Operator : TP/IZ
 Sample : G1575-10
 Misc : W
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-031715

Quant Time: Mar 21 06:44:33 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

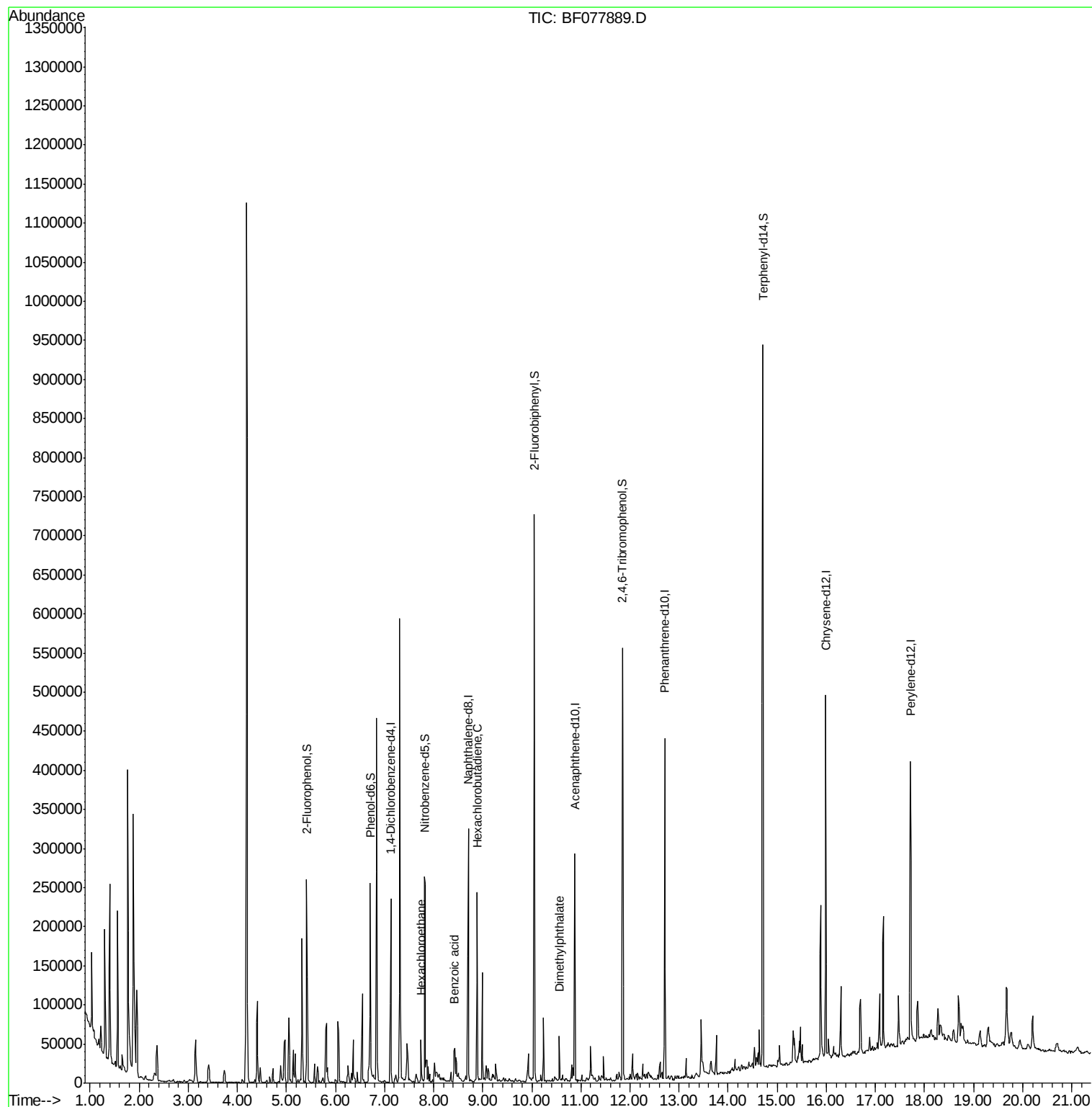
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	40655	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	170465	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	85947	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	173366	20.00	ng	0.00
75) Chrysene-d12	15.99	240	180475	20.00	ng	0.00
86) Perylene-d12	17.71	264	173314	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	88458	37.98	ng	0.00
7) Phenol-d6	6.70	99	95345	33.13	ng	0.00
23) Nitrobenzene-d5	7.81	82	126448	48.62	ng	-0.01
41) 2,4,6-Tribromophenol	11.85	330	56482	68.69	ng	0.00
44) 2-Fluorobiphenyl	10.05	172	287855	49.22	ng	0.00
78) Terphenyl-d14	14.71	244	355855	48.16	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.74	117	6432	6.12	ng	92
32) Benzoic acid	8.43	122	17441	14.80	ng	94
34) Hexachlorobutadiene	8.89	225	33779	22.36	ng	93
49) Dimethylphthalate	10.56	163	22739	3.57	ng	98

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

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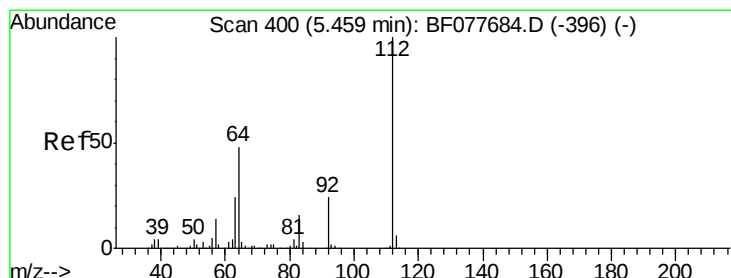
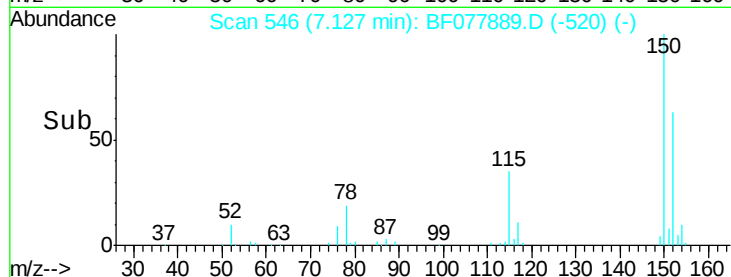
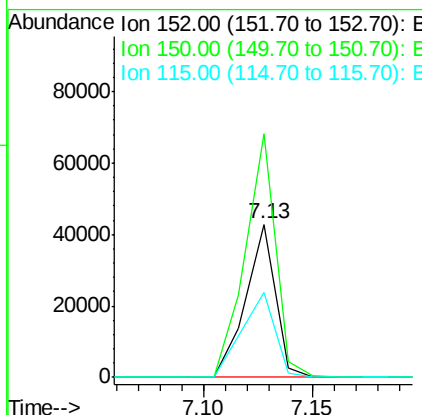
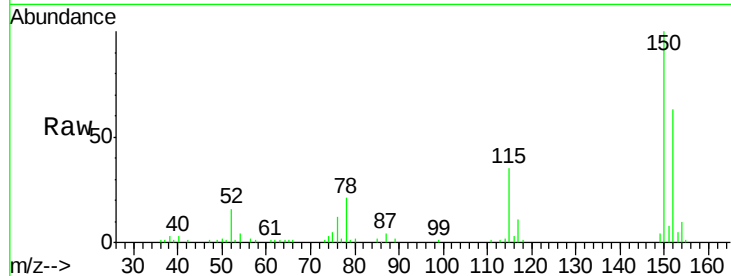


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF077889.D
Acq: 21 Mar 2015 4:32

Instrument :
BNA_F
ClientSampleId :
DUP-031715

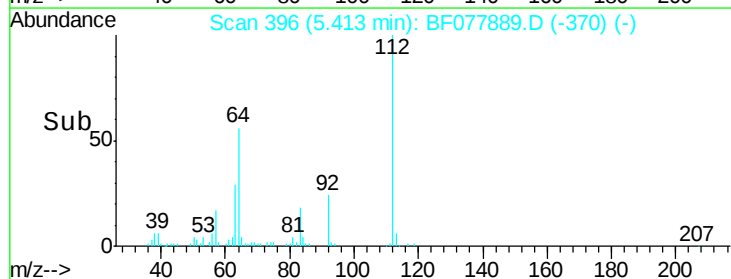
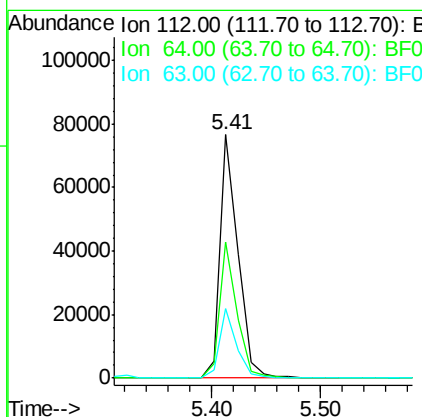
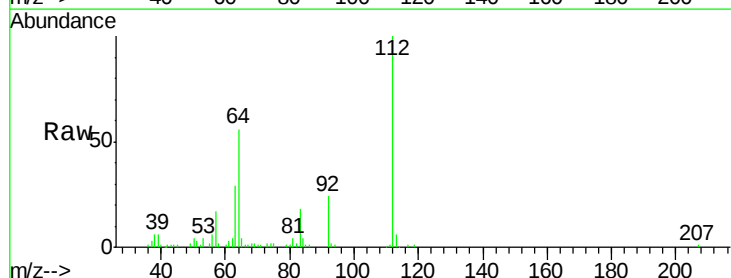
Tot Ion:152 Resp: 40655
Ion Ratio Lower Upper
152 100
150 158.8 119.5 179.3
115 55.7 43.0 64.4



#5

2-Fluorophenol
Concen: 37.98 ng
RT: 5.41 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF077889.D
Acq: 21 Mar 2015 4:32

Tgt Ion:112 Resp: 88458
Ion Ratio Lower Upper
112 100
64 55.9 38.6 57.8
63 28.6 19.3 28.9





#7

Phenol-d6

Concen: 33.13 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077889.D

Acq: 21 Mar 2015 4:32

Instrument :

BNA_F

ClientSampleId :

DUP-031715

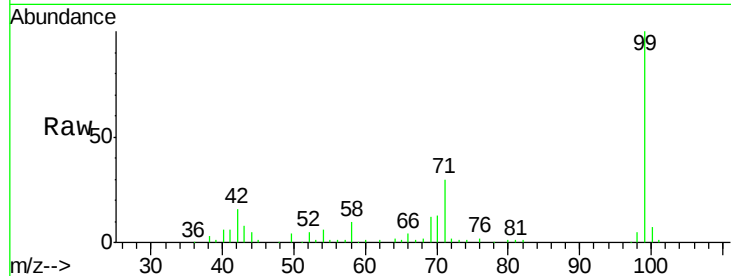
Tot Ion: 99 Resp: 95345

Ion Ratio Lower Upper

99 100

42 15.9 11.0 16.4

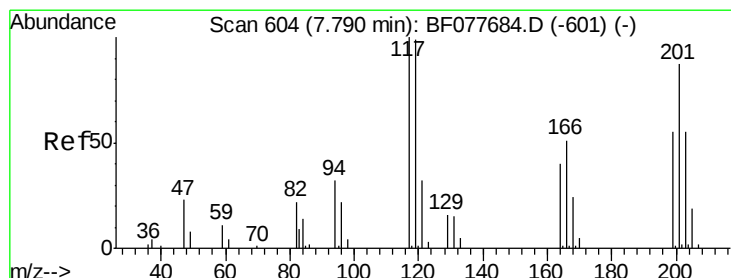
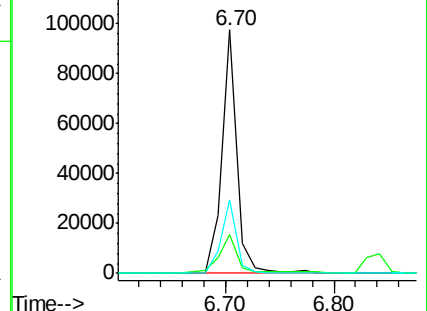
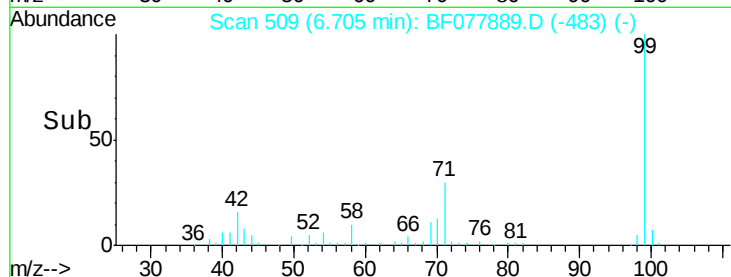
71 30.1 23.4 35.2



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: 6.12 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF077889.D

Acq: 21 Mar 2015 4:32

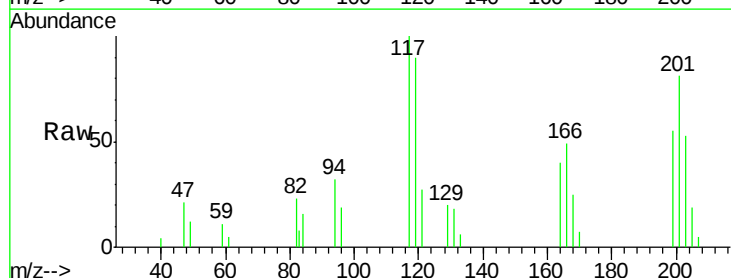
Tgt Ion: 117 Resp: 6432

Ion Ratio Lower Upper

117 100

119 89.9 79.2 118.8

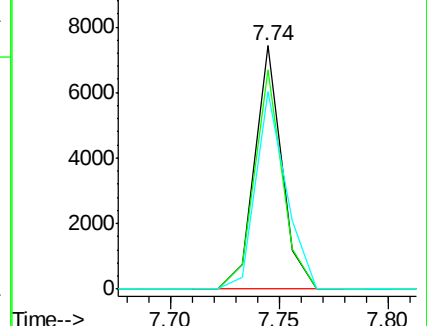
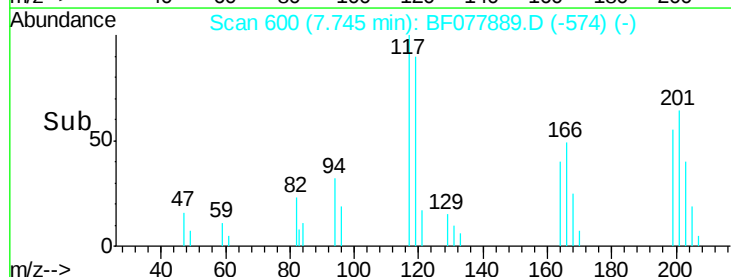
201 81.0 69.8 104.6

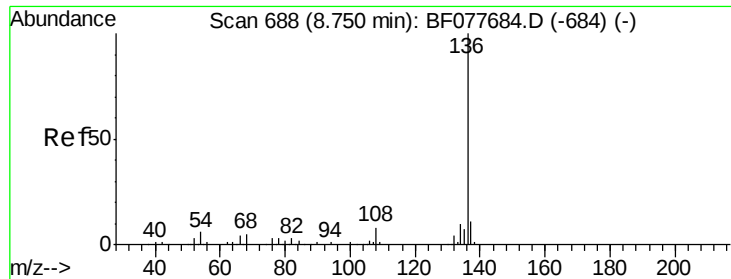


Abundance Ion 117.00 (116.70 to 117.70): BF077684.D (-601) (-)

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: BF077889.D

Acq: 21 Mar 2015 4:32

Instrument :

BNA_F

ClientSampleId :

DUP-031715

Tot Ion:136 Resp: 170465

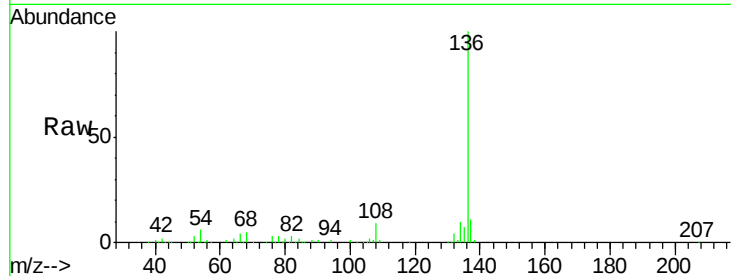
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 5.6 4.6 6.8

68 4.7 3.7 5.5

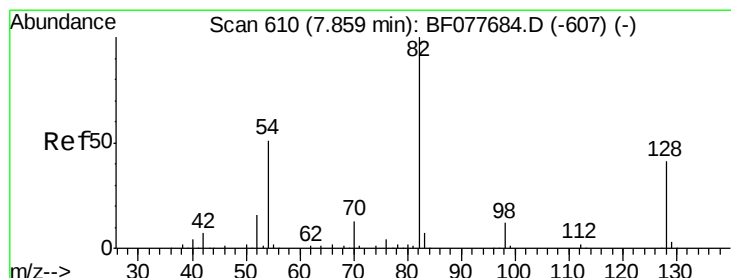
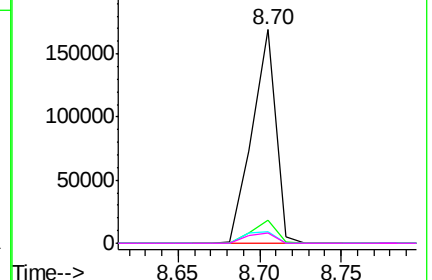
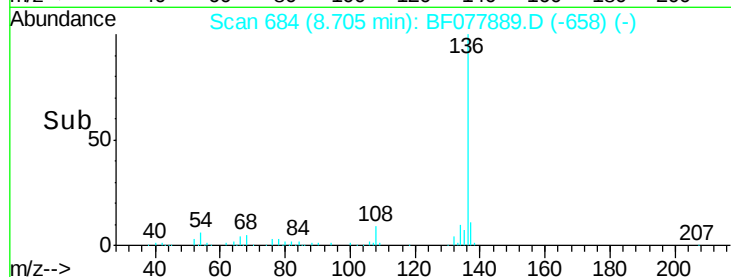


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 48.62 ng

RT: 7.81 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF077889.D

Acq: 21 Mar 2015 4:32

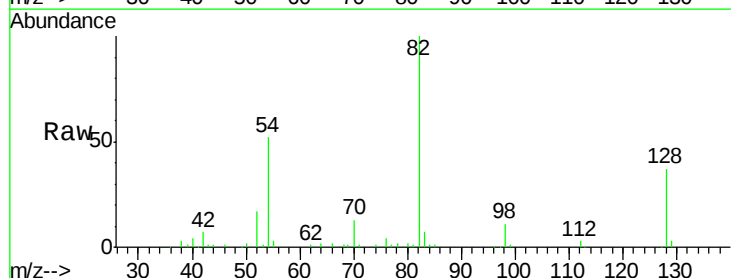
Tgt Ion: 82 Resp: 126448

Ion Ratio Lower Upper

82 100

128 37.1 32.8 49.2

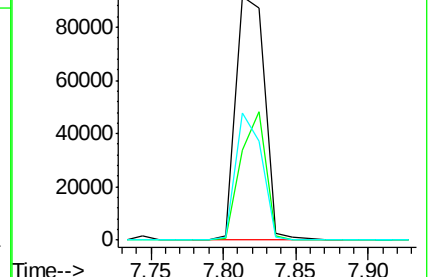
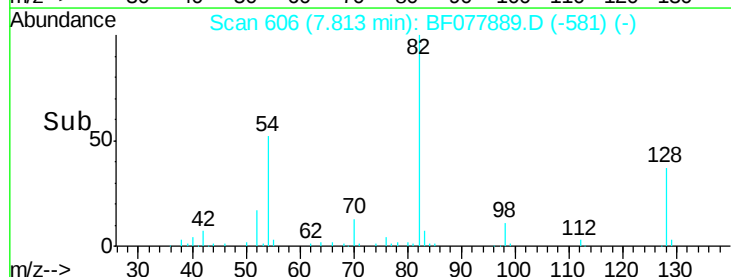
54 52.0 40.6 60.8

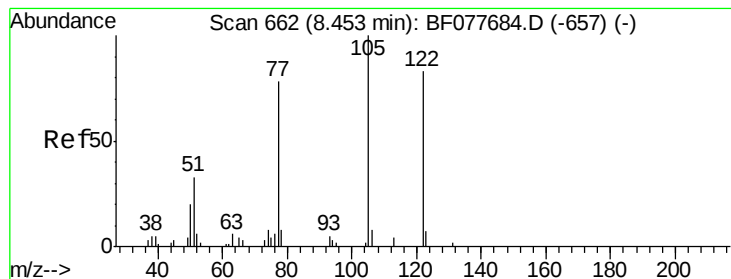


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 14.80 ng

RT: 8.43 min Scan# 660

Delta R.T. 0.01 min

Lab File: BF077889.D

Acq: 21 Mar 2015 4:32

Instrument :

BNA_F

ClientSampleId :

DUP-031715

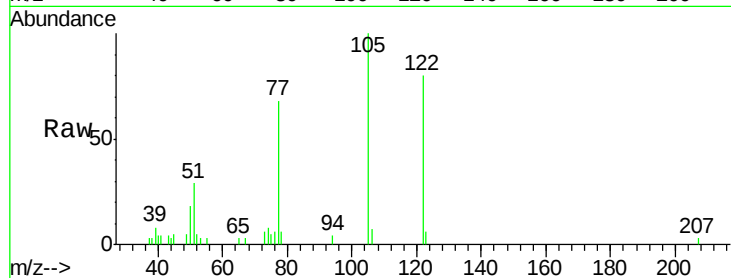
Tot Ion:122 Resp: 17441

Ion Ratio Lower Upper

122 100

105 125.4 99.9 139.9

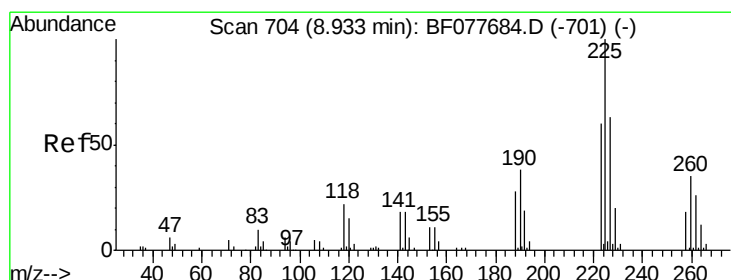
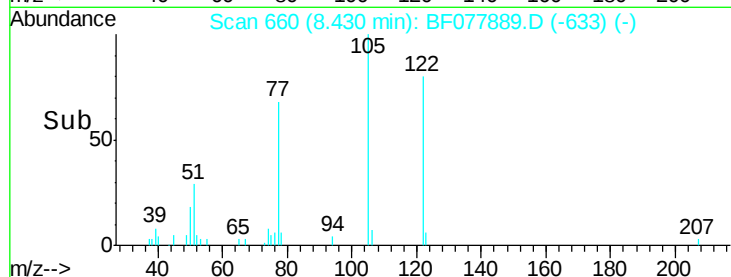
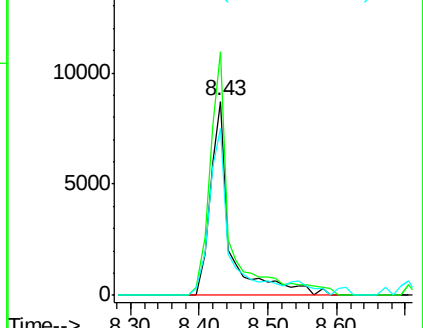
77 85.9 73.7 113.7



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: 22.36 ng

RT: 8.89 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF077889.D

Acq: 21 Mar 2015 4:32

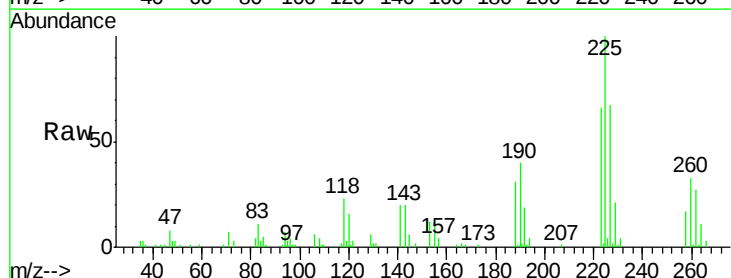
Tgt Ion:225 Resp: 33779

Ion Ratio Lower Upper

225 100

223 66.0 47.9 71.9

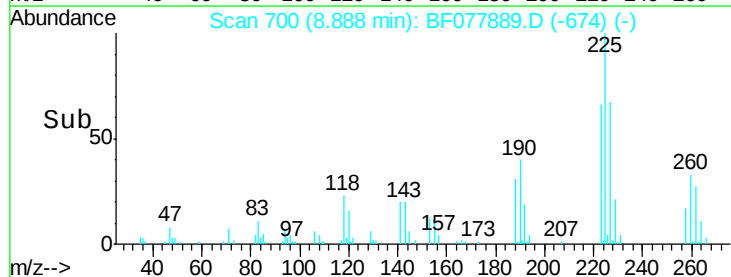
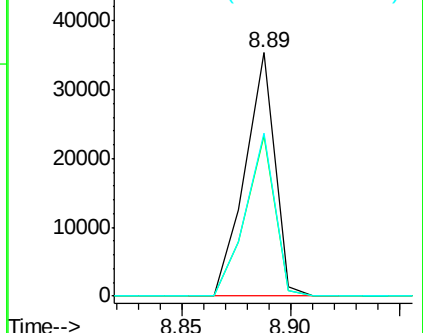
227 66.8 50.1 75.1

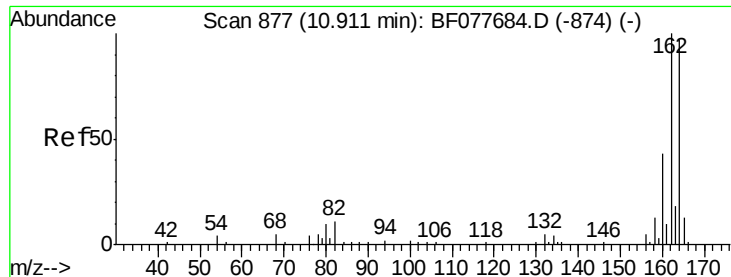


Abundance Ion 225.00 (224.70 to 225.70): E

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: BF077889.D

Acq: 21 Mar 2015 4:32

Instrument :

BNA_F

ClientSampleId :

DUP-031715

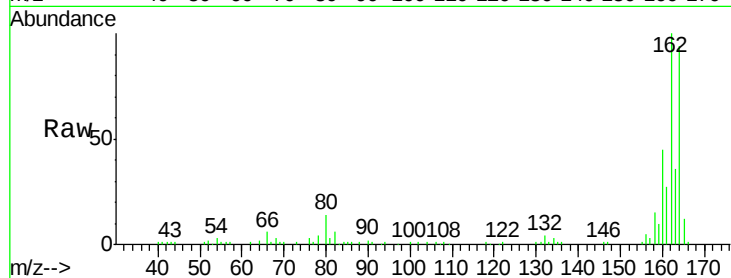
Tot Ion:164 Resp: 85947

Ion Ratio Lower Upper

164 100

162 106.3 82.4 123.6

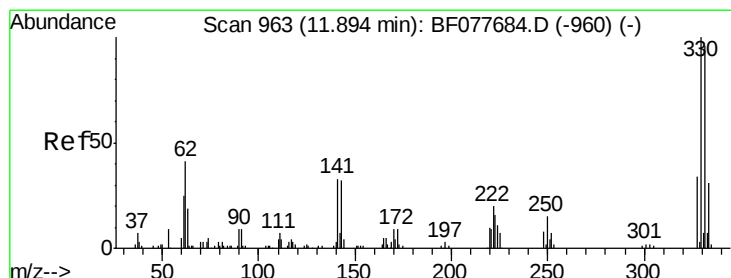
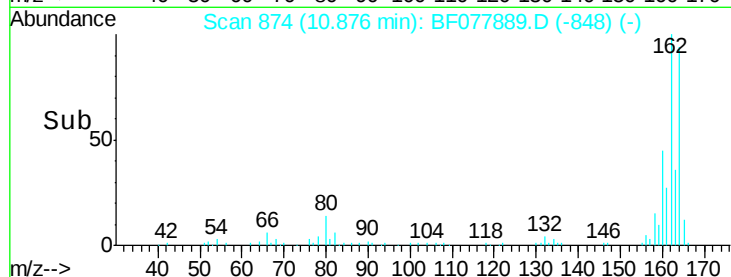
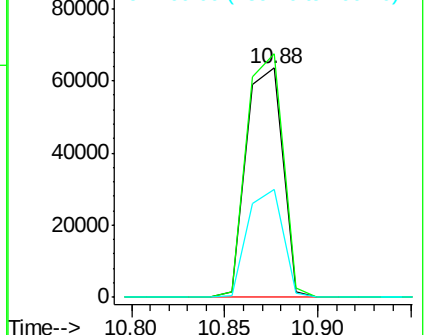
160 47.4 35.8 53.6



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: 68.69 ng

RT: 11.85 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF077889.D

Acq: 21 Mar 2015 4:32

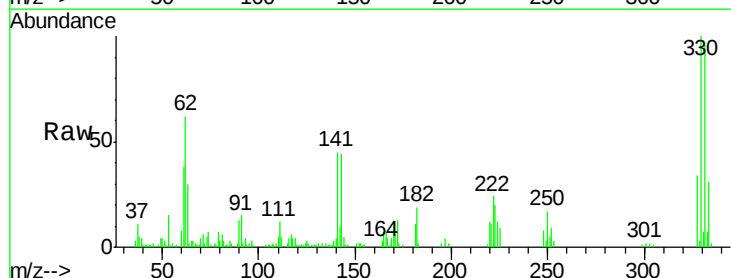
Tgt Ion:330 Resp: 56482

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

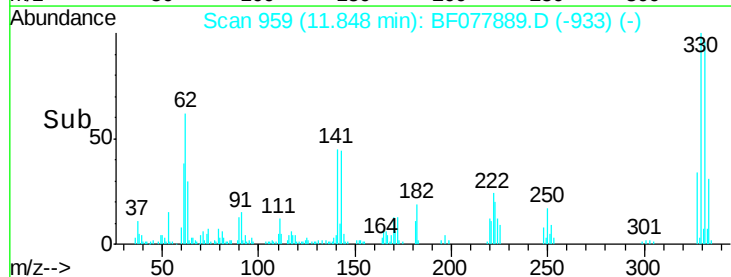
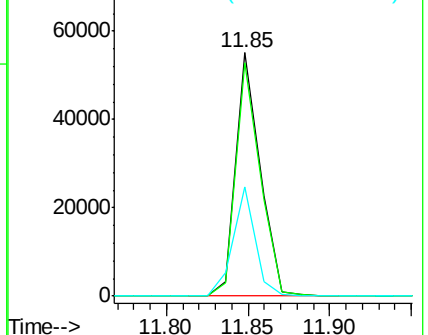
141 40.9 0.0 0.0#

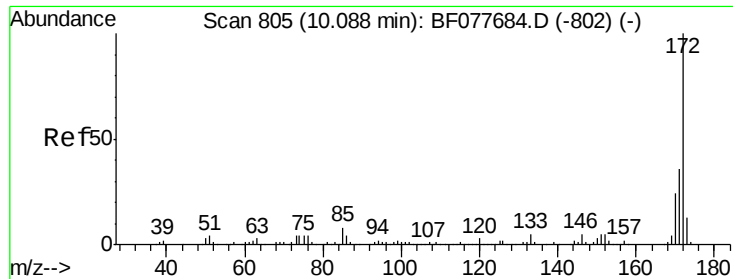


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

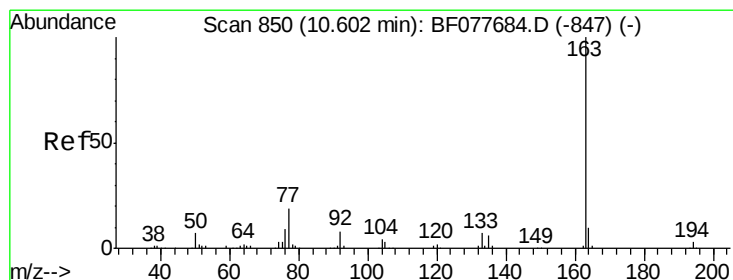
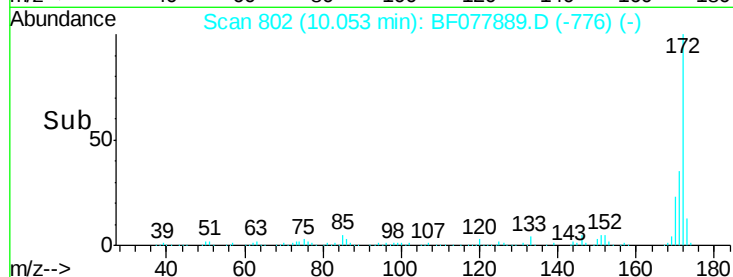
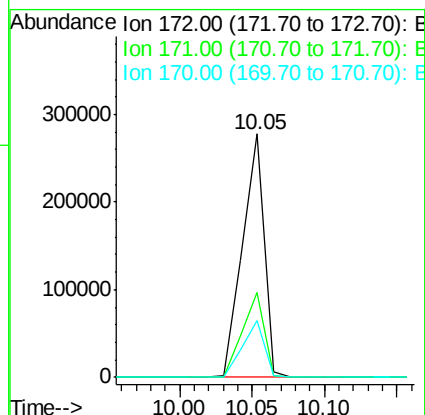
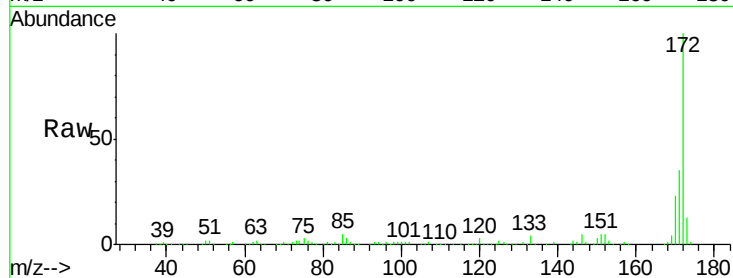




#44
2-Fluorobiphenyl
Concen: 49.22 ng
RT: 10.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF077889.D
Acq: 21 Mar 2015 4:32

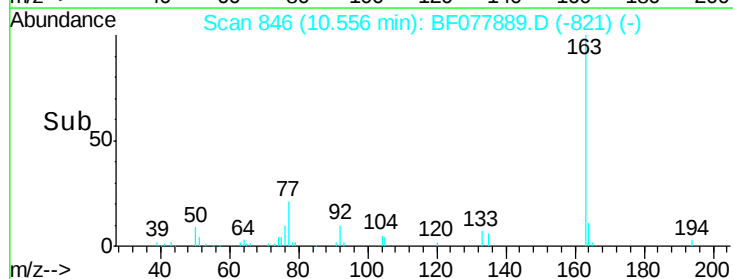
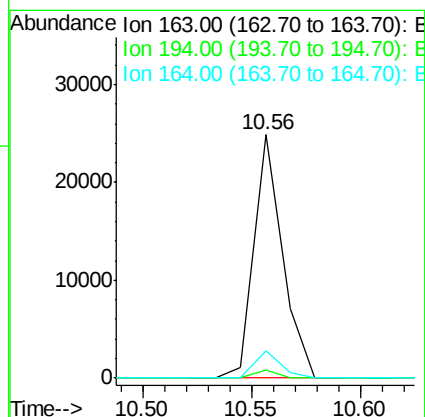
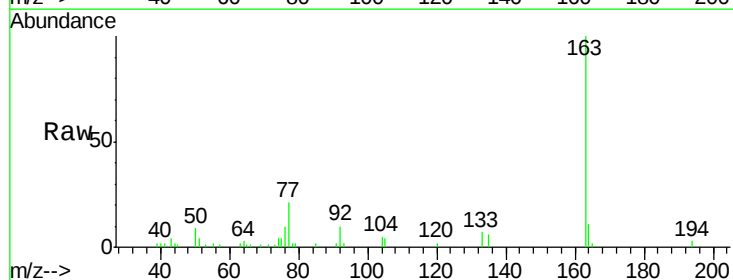
Instrument :
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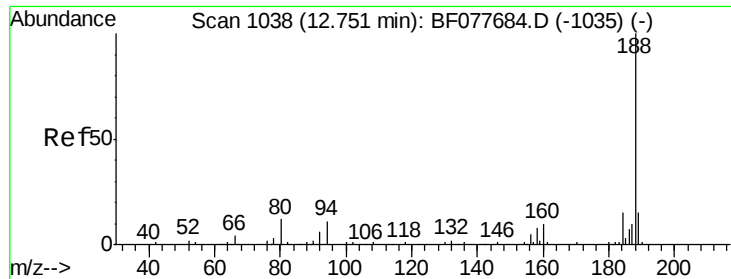
Tot Ion:172 Resp: 287855
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.2 18.8 28.2



#49
Dimethylphthalate
Concen: 3.57 ng
RT: 10.56 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF077889.D
Acq: 21 Mar 2015 4:32

Tgt Ion:163 Resp: 22739
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 11.0 8.2 12.2

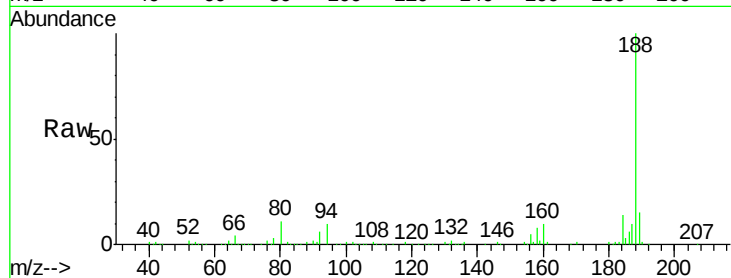




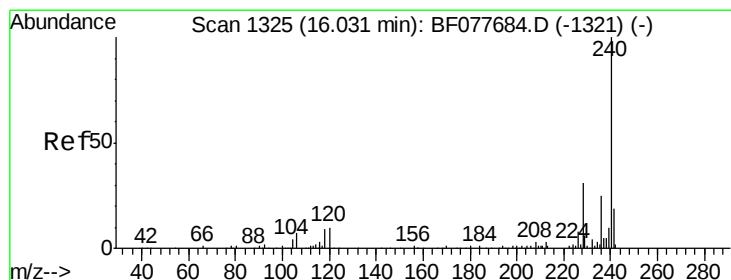
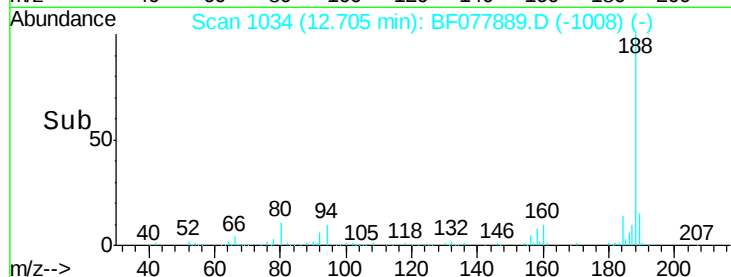
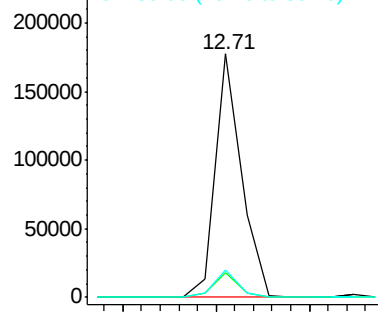
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF077889.D
Acq: 21 Mar 2015 4:32

Instrument :
BNA_F
ClientSampleId :
DUP-031715

Tot Ion:188 Resp: 173366
Ion Ratio Lower Upper
188 100
94 10.1 8.7 13.1
80 11.0 9.3 13.9

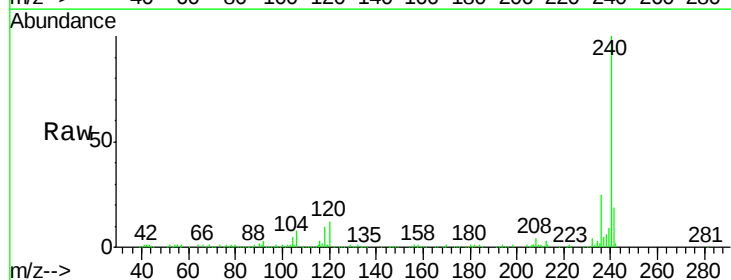


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

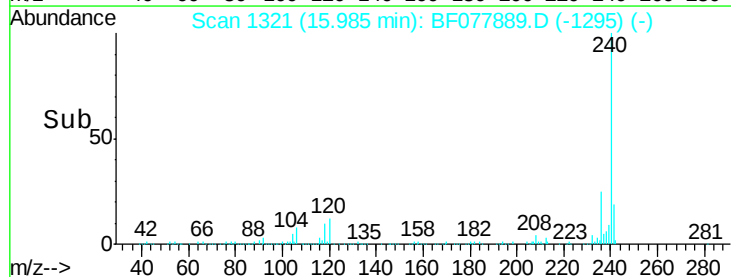
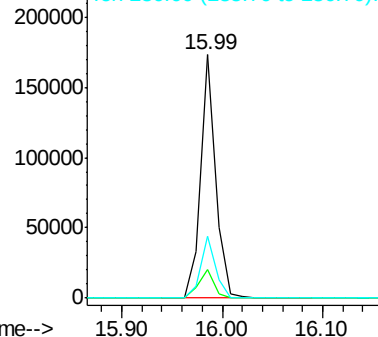


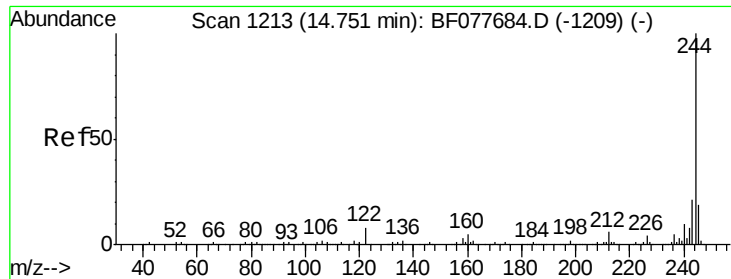
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF077889.D
Acq: 21 Mar 2015 4:32

Tgt Ion:240 Resp: 180475
Ion Ratio Lower Upper
240 100
120 11.9 8.2 12.2
236 25.3 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

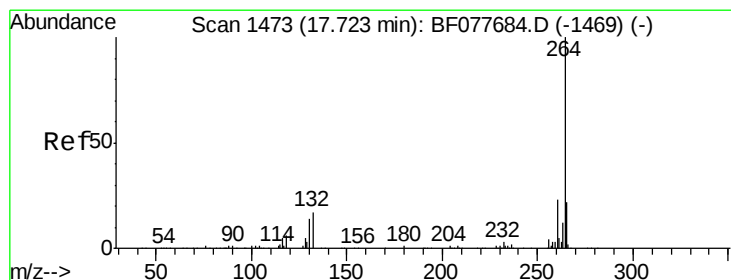
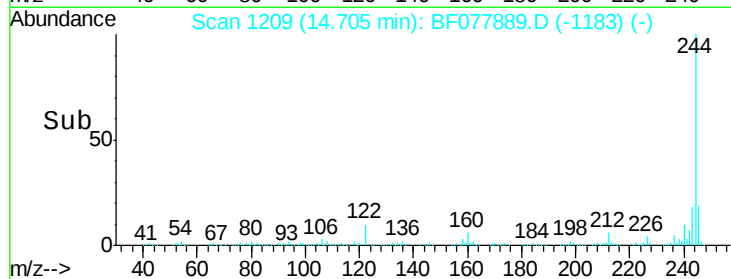
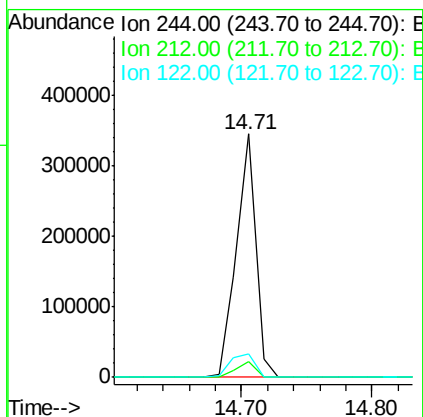
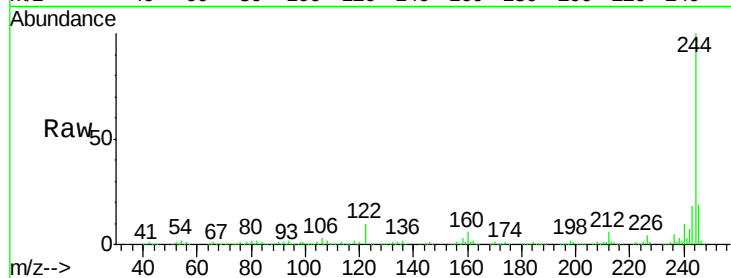




#78
 Terphenyl-d14
 Concen: 48.16 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF077889.D
 Acq: 21 Mar 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 DUP-031715

Tot Ion:244 Resp: 355855
 Ion Ratio Lower Upper
 244 100
 212 6.3 4.9 7.3
 122 9.7 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.71 min Scan# 1472
 Delta R.T. 0.01 min
 Lab File: BF077889.D
 Acq: 21 Mar 2015 4:32

Tgt Ion:264 Resp: 173314
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.9 17.3 25.9

