

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021315\
 Data File : BF077311.D
 Acq On : 13 Feb 2015 16:50
 Operator : TP/IZ
 Sample : PB81735BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81735BL

Quant Time: Feb 13 22:52:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 13:10:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	26542	20.00	ng	0.01
21) Naphthalene-d8	10.41	136	108640	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	52116	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	104662	20.00	ng	-0.01
75) Chrysene-d12	20.95	240	100955	20.00	ng	-0.01
86) Perylene-d12	22.64	264	92591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	204560	120.13	ng	0.01
7) Phenol-d6	6.92	99	257576	122.61	ng	-0.01
23) Nitrobenzene-d5	8.81	82	154725	81.35	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	54217	127.58	ng	-0.01
44) 2-Fluorobiphenyl	13.06	172	327415	94.56	ng	-0.01
78) Terphenyl-d14	19.69	244	381338	84.84	ng	-0.01

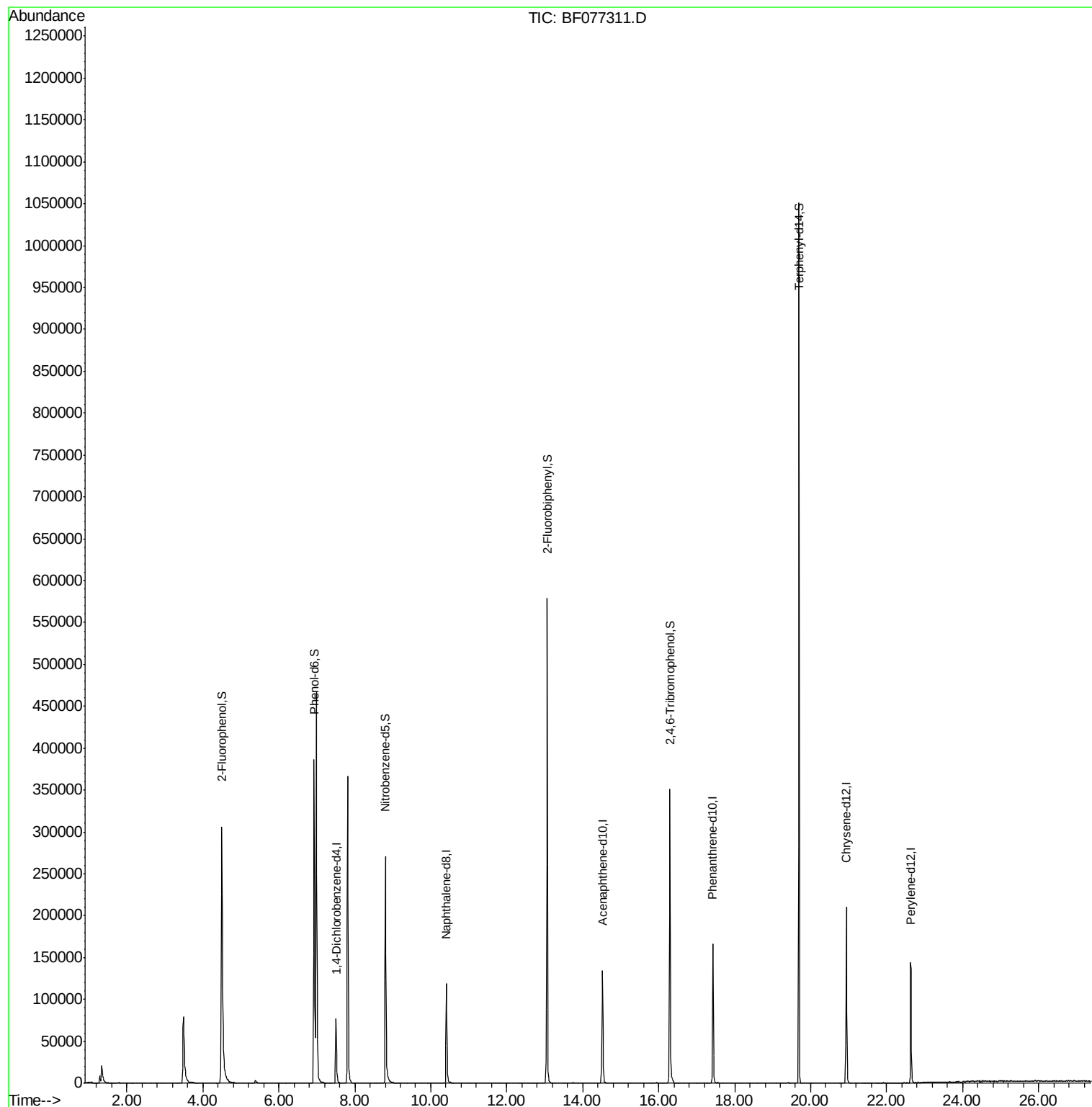
Target Compounds Qvalue

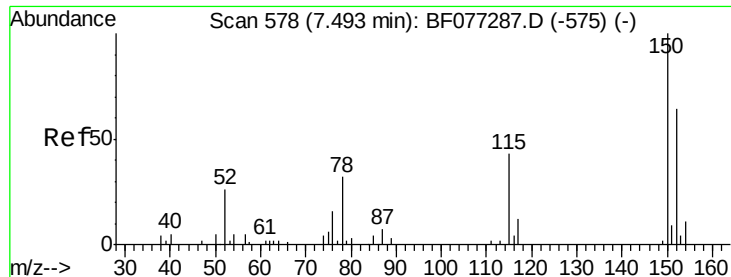
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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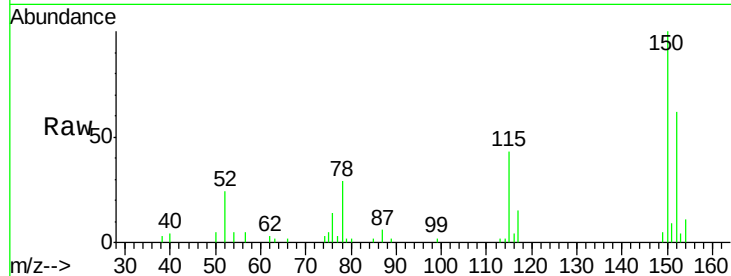


#1

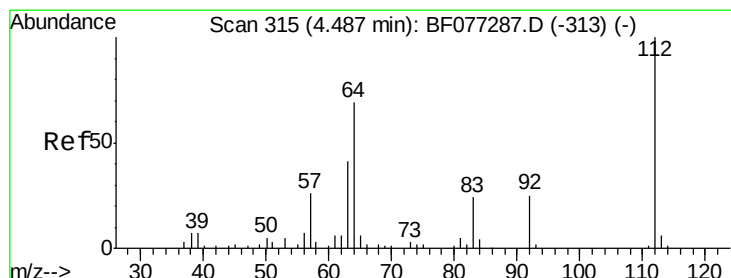
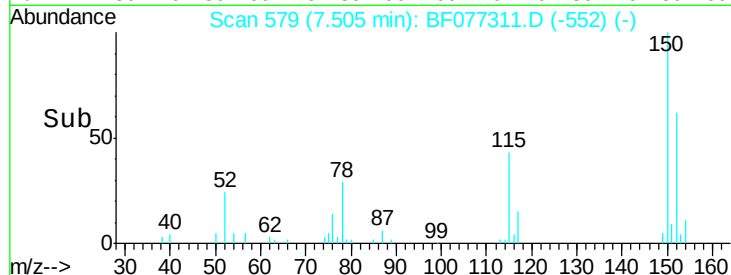
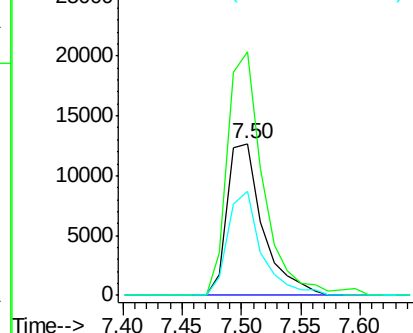
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF077311.D
Acq: 13 Feb 2015 16:50

Instrument :
BNA_F
ClientSampleId :
PB81735BL

Tot Ion:152 Resp: 26542
Ion Ratio Lower Upper
152 100
150 160.4 124.9 187.3
115 68.6 54.1 81.1



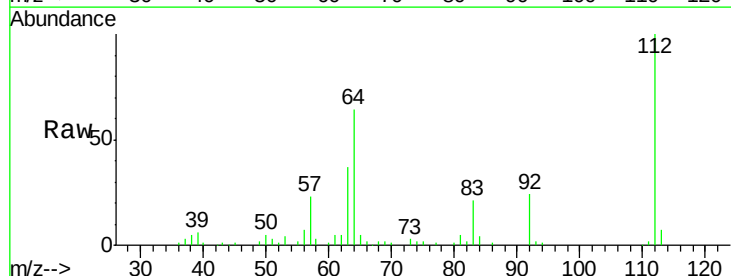
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



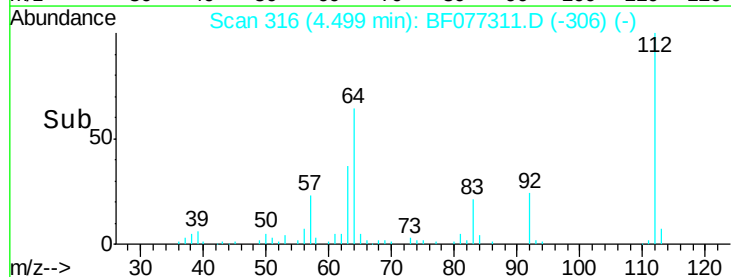
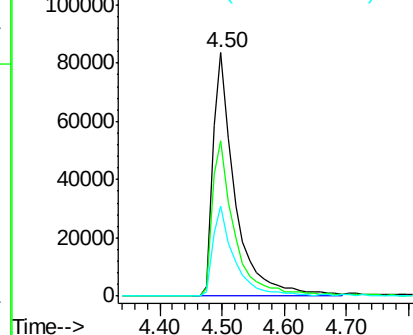
#5

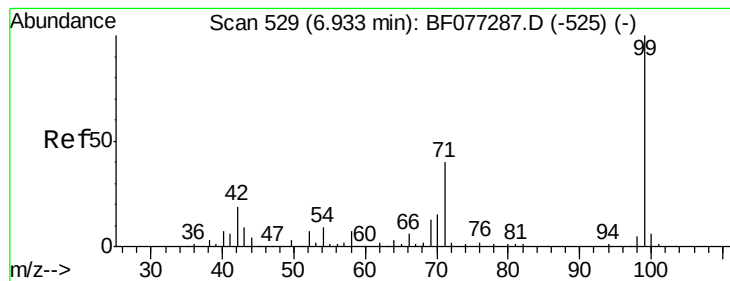
2-Fluorophenol
Concen: 120.13 ng
RT: 4.50 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF077311.D
Acq: 13 Feb 2015 16:50

Tgt Ion:112 Resp: 204560
Ion Ratio Lower Upper
112 100
64 63.9 55.0 82.4
63 37.1 33.0 49.6



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: 122.61 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF077311.D

Acq: 13 Feb 2015 16:50

Instrument :

BNA_F

ClientSampleId :

PB81735BL

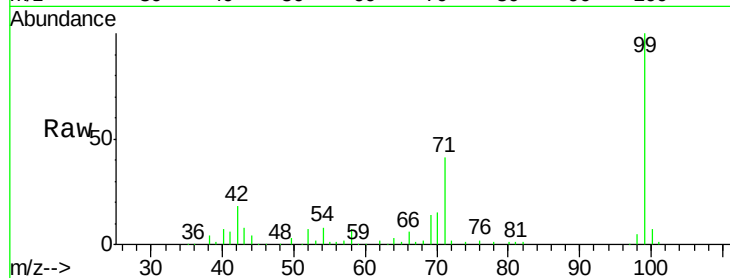
Tot Ion: 99 Resp: 257576

Ion Ratio Lower Upper

99 100

42 18.2 15.0 22.4

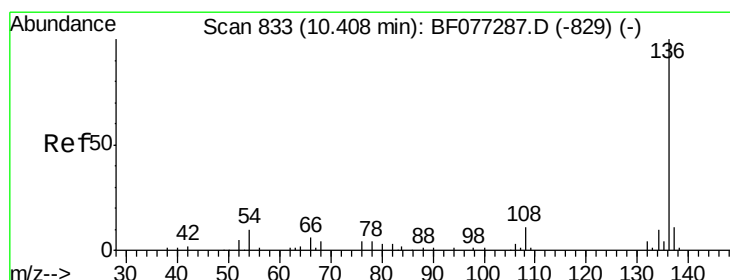
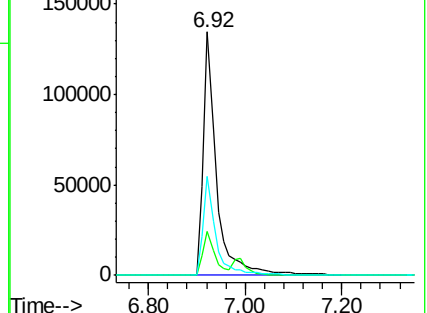
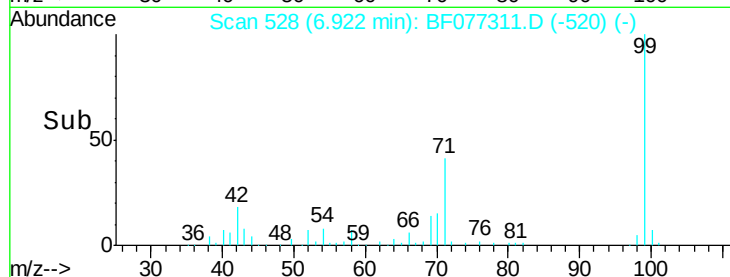
71 40.9 31.8 47.6



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.41 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF077311.D

Acq: 13 Feb 2015 16:50

Tgt Ion: 136 Resp: 108640

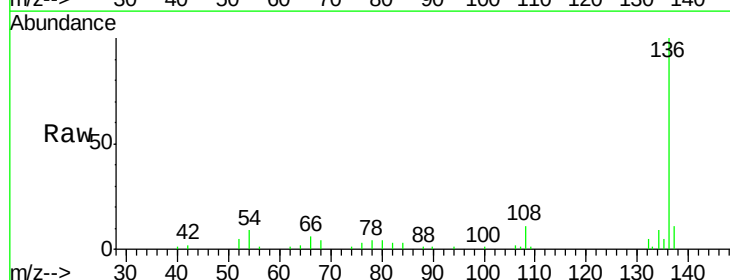
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.6 8.2 12.2

68 4.3 3.1 4.7

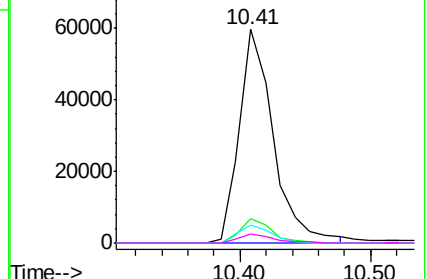
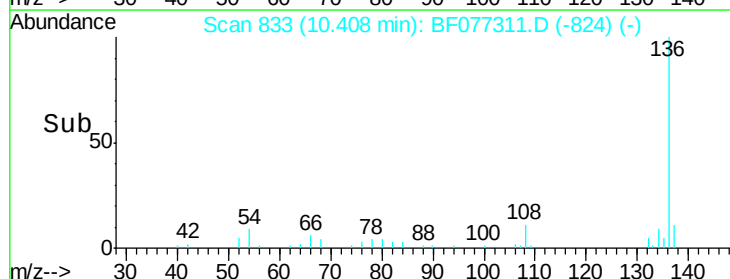


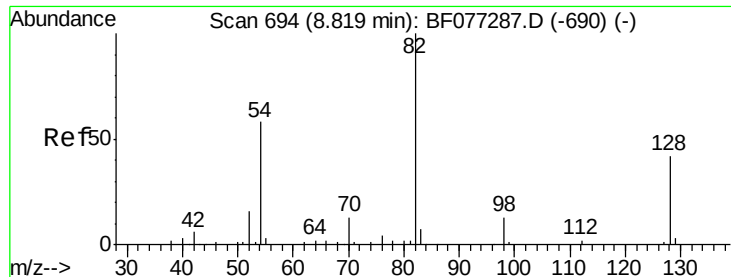
Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.35 ng

RT: 8.81 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF077311.D

Acq: 13 Feb 2015 16:50

Instrument :

BNA_F

ClientSampleId :

PB81735BL

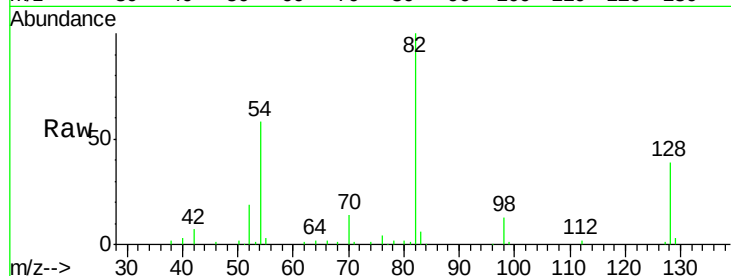
Tot Ion: 82 Resp: 154725

Ion Ratio Lower Upper

82 100

128 39.2 33.6 50.4

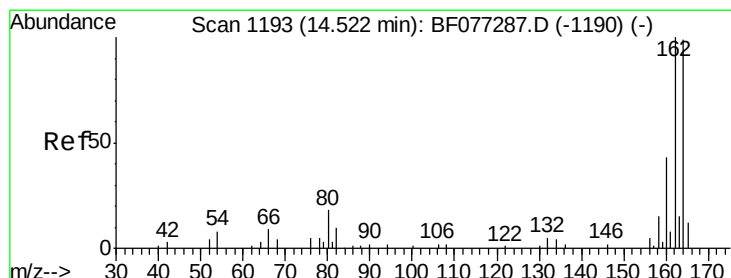
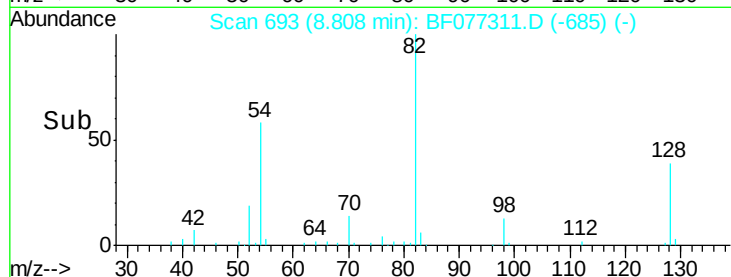
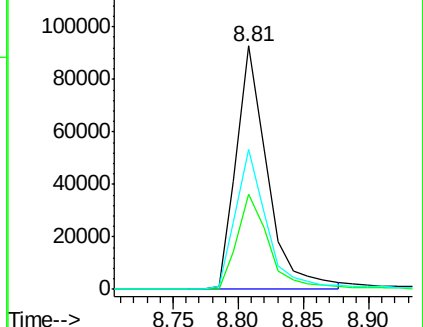
54 57.6 46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BF077287.D (-690) (-)

Ion 128.00 (127.70 to 128.70): BF077287.D (-690) (-)

Ion 54.00 (53.70 to 54.70): BF077287.D (-690) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.52 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF077311.D

Acq: 13 Feb 2015 16:50

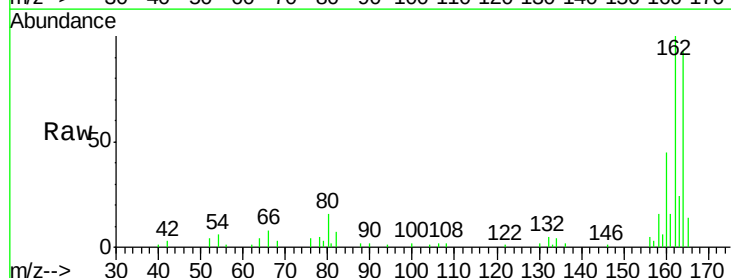
Tgt Ion: 164 Resp: 52116

Ion Ratio Lower Upper

164 100

162 107.1 81.0 121.4

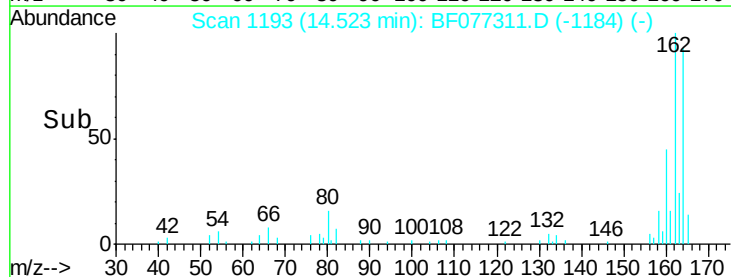
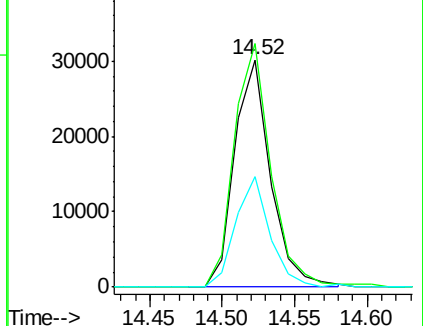
160 48.4 35.2 52.8

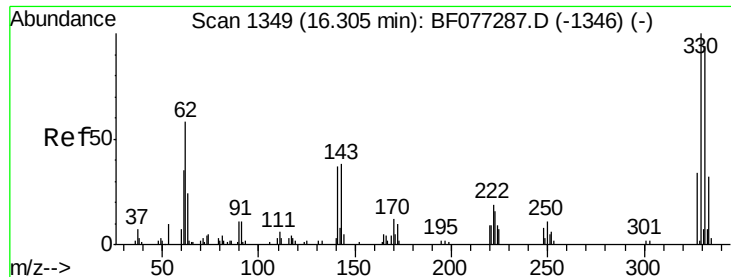


Abundance Ion 164.00 (163.70 to 164.70): BF077287.D (-1190) (-)

Ion 162.00 (161.70 to 162.70): BF077287.D (-1190) (-)

Ion 160.00 (159.70 to 160.70): BF077287.D (-1190) (-)





#41

2,4,6-Tribromophenol

Concen: 127.58 ng

RT: 16.29 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF077311.D

Acq: 13 Feb 2015 16:50

Instrument :

BNA_F

ClientSampleId :

PB81735BL

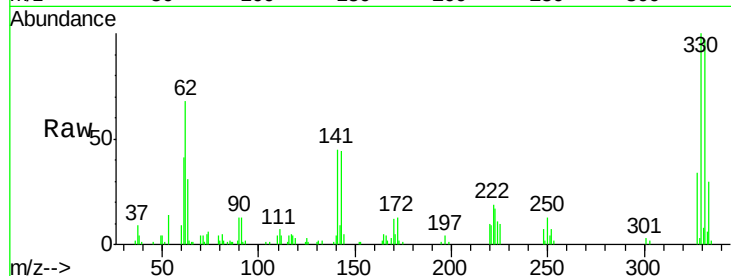
Tot Ion:330 Resp: 54217

Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

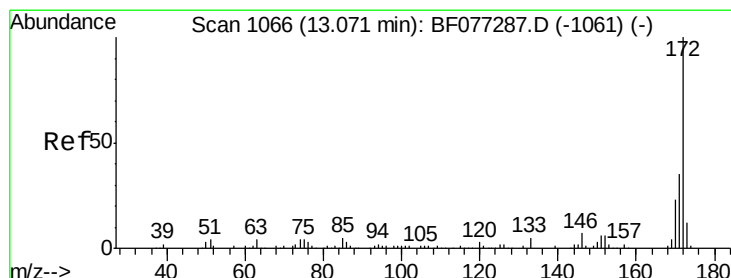
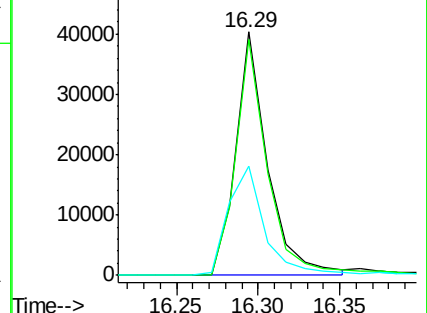
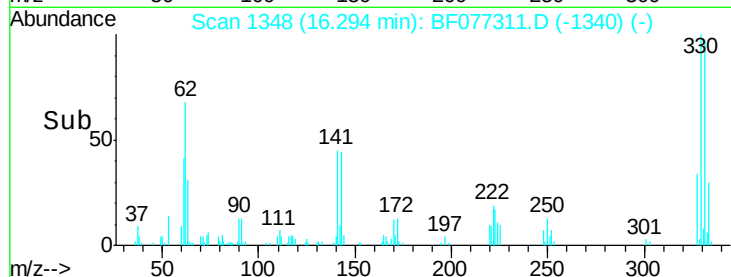
141 51.7 0.0 0.0#



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: 94.56 ng

RT: 13.06 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF077311.D

Acq: 13 Feb 2015 16:50

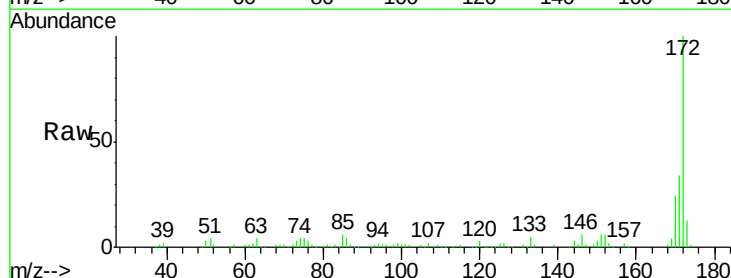
Tgt Ion:172 Resp: 327415

Ion Ratio Lower Upper

172 100

171 34.2 27.8 41.8

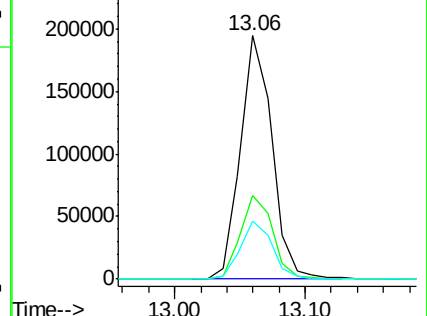
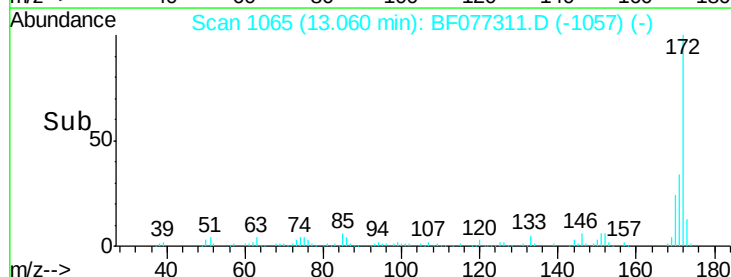
170 23.7 18.3 27.5

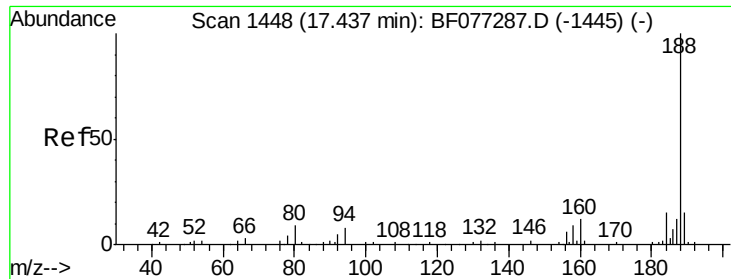


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

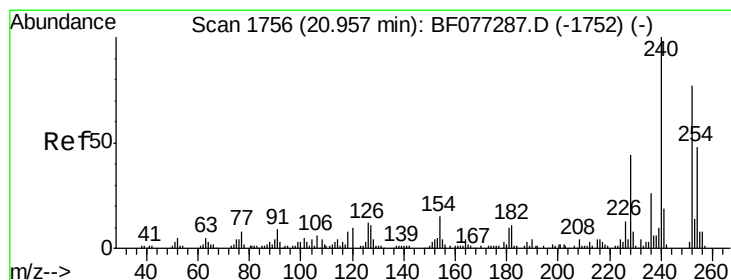
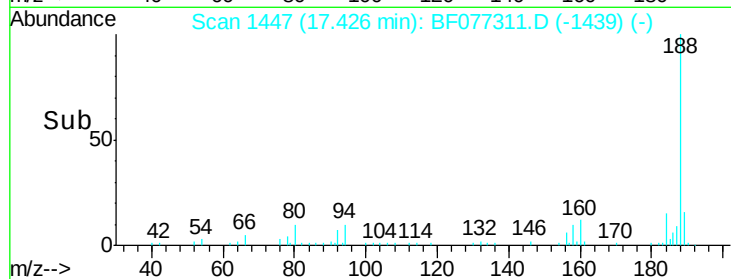
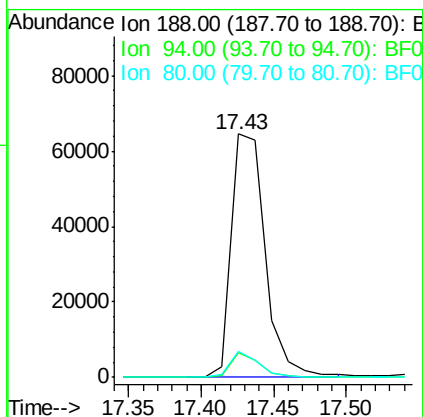
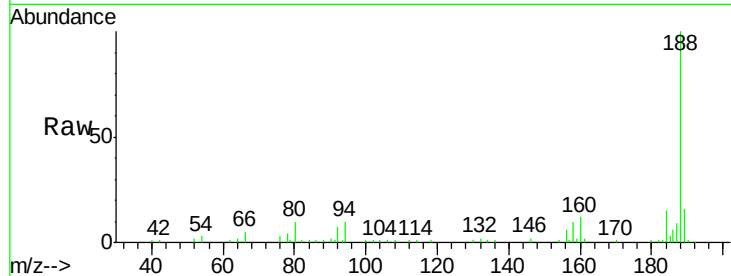




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF077311.D
Acq: 13 Feb 2015 16:50

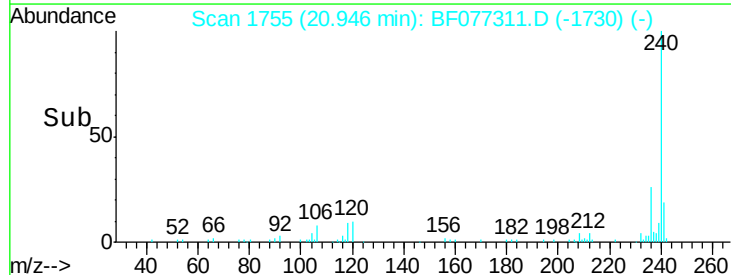
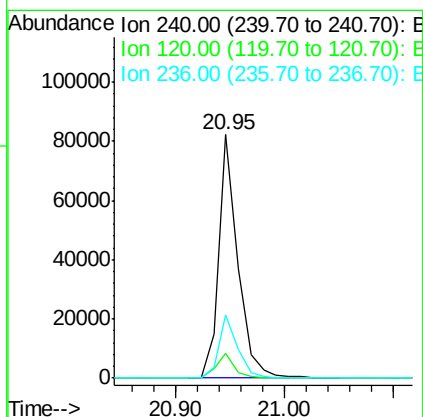
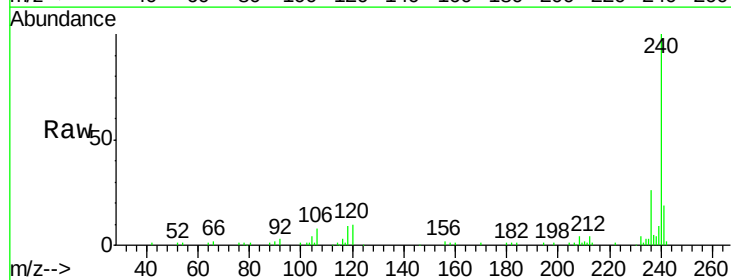
Instrument :
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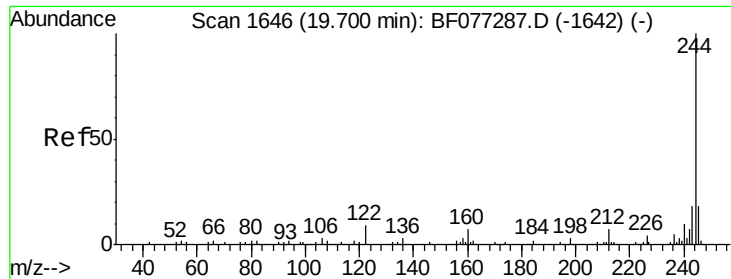
Tot Ion:188 Resp: 104662
Ion Ratio Lower Upper
188 100
94 10.3 6.5 9.7#
80 10.5 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.95 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF077311.D
Acq: 13 Feb 2015 16:50

Tgt Ion:240 Resp: 100955
Ion Ratio Lower Upper
240 100
120 10.1 7.8 11.8
236 26.2 20.4 30.6

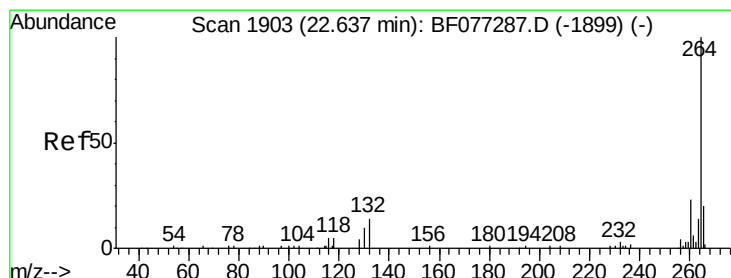
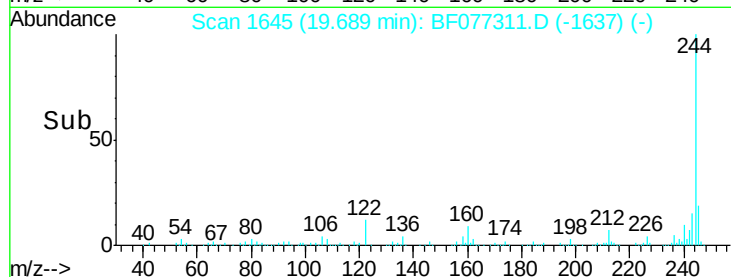
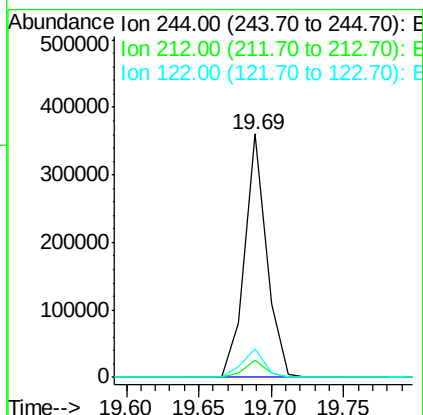
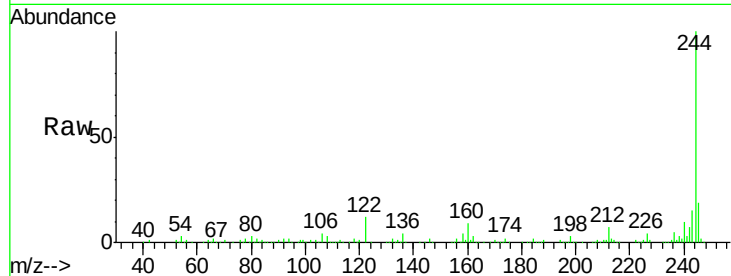




#78
 Terphenyl-d14
 Concen: 84.84 ng
 RT: 19.69 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BF077311.D
 Acq: 13 Feb 2015 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB81735BL

Tot Ion:244 Resp: 381338
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.9 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.64 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: BF077311.D
 Acq: 13 Feb 2015 16:50

Tgt Ion:264 Resp: 92591
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.6 27.8
 265 21.3 16.2 24.2

