

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075541.D
 Acq On : 15 Nov 2014 14:53
 Operator : TP / JJ
 Sample : F4614-01DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Quant Time: Nov 16 02:39:39 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 16 02:30:12 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	51547	20.00	ng	0.02
21) Naphthalene-d8	9.13	136	228070	20.00	ng	0.00
38) Acenaphthene-d10	11.30	164	115846	20.00	ng	-0.01
63) Phenanthrene-d10	13.16	188	198188	20.00	ng	0.00
75) Chrysene-d12	16.46	240	218086	20.00	ng	0.00
86) Perylene-d12	18.23	264	224648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.16	99	25804	7.35	ng	0.07
23) Nitrobenzene-d5	8.25	82	38916	12.51	ng	0.01
41) 2,4,6-Tribromophenol	12.29	330	11020	11.36	ng	-0.01
44) 2-Fluorobiphenyl	10.47	172	89451	13.95	ng	-0.01
78) Terphenyl-d14	15.15	244	95432	11.78	ng	-0.01

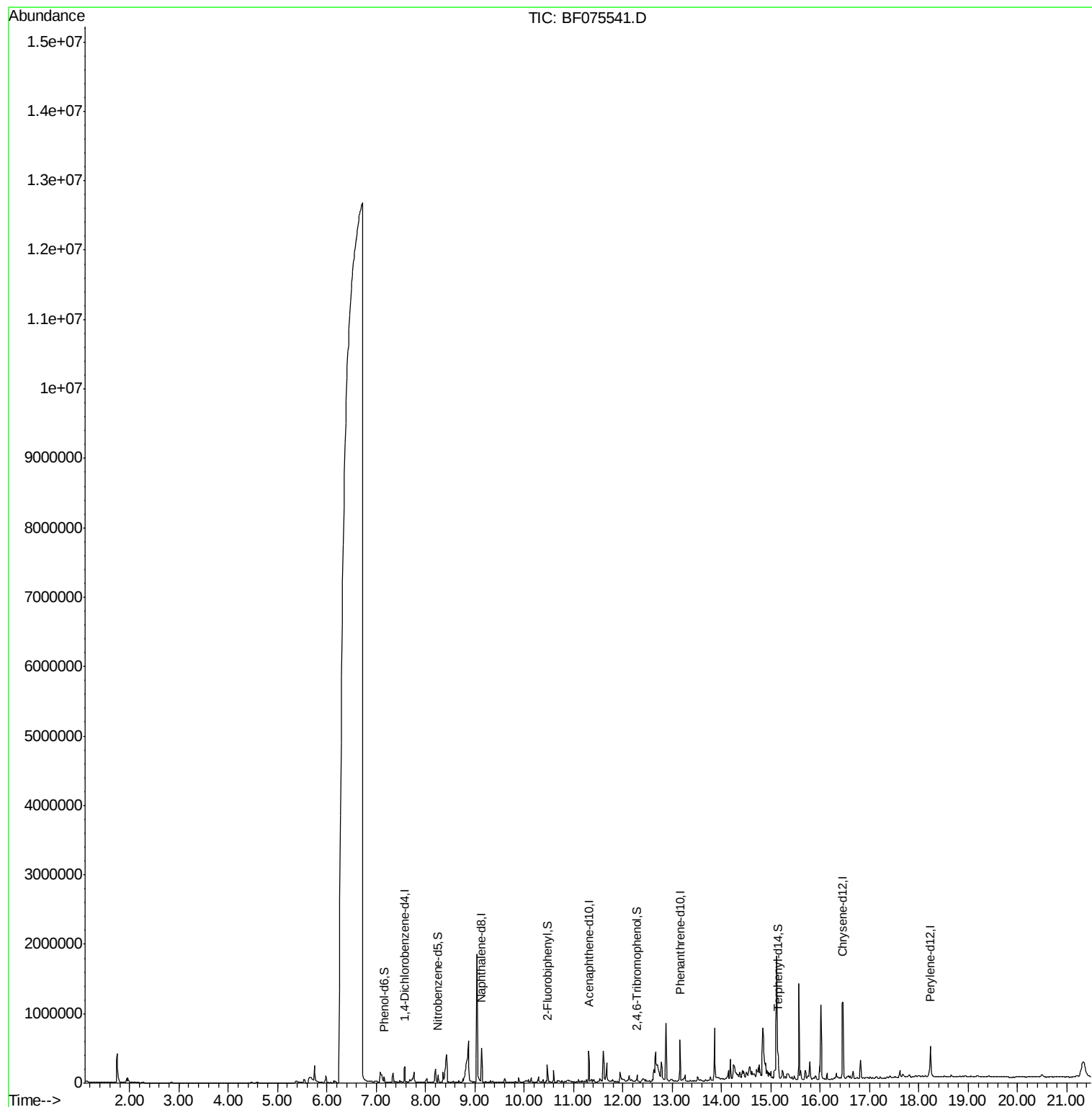
Target Compounds	Qvalue
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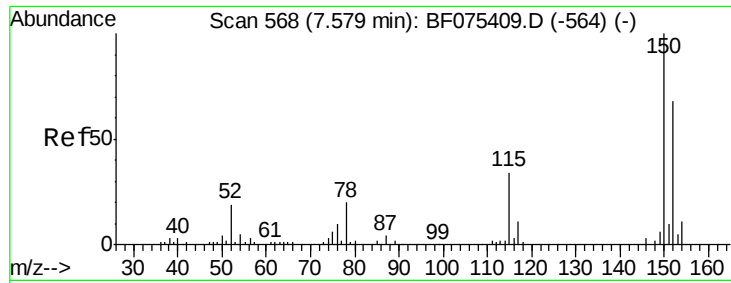
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.58 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF075541.D

Acq: 15 Nov 2014 14:53

Instrument :

BNA_F

ClientSampleId :

EFFWW

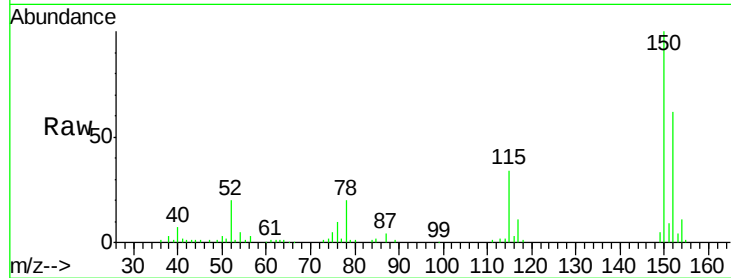
Tgt Ion:152 Resp: 51547

Ion Ratio Lower Upper

152 100

150 161.3 127.2 190.8

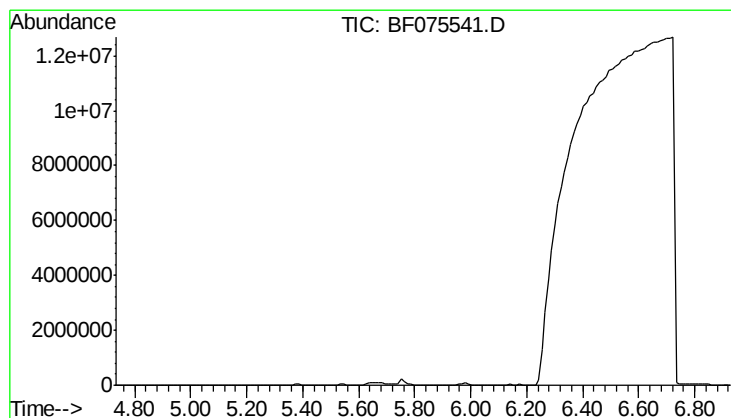
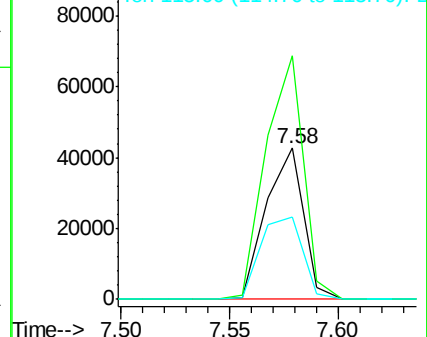
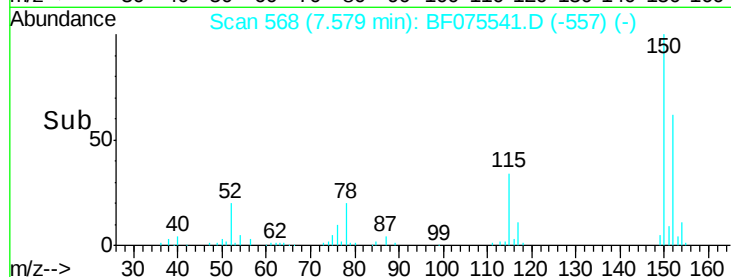
115 54.7 57.1 85.7#



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: 0.00 ng

Expected RT: 5.83 min

Lab File: BF075541.D

Acq: 15 Nov 2014 14:53

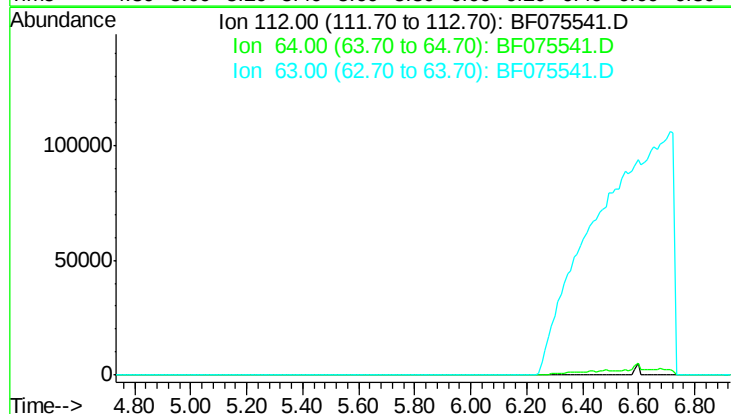
Tgt Ion: 112

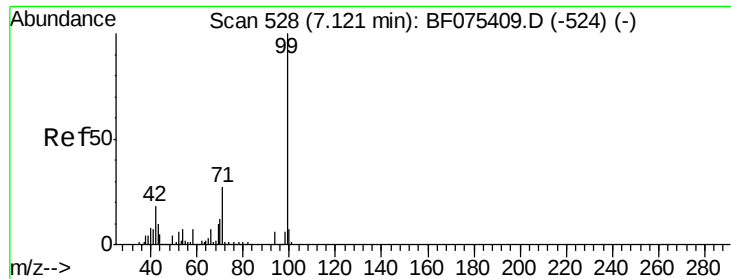
Sig Exp Ratio

112 100

64 57.2

63 28.4





#7

Phenol-d6

Concen: 7.35 ng

RT: 7.16 min Scan# 531

Delta R.T. 0.07 min

Lab File: BF075541.D

Acq: 15 Nov 2014 14:53

Instrument :

BNA_F

ClientSampleId :

EFFWW

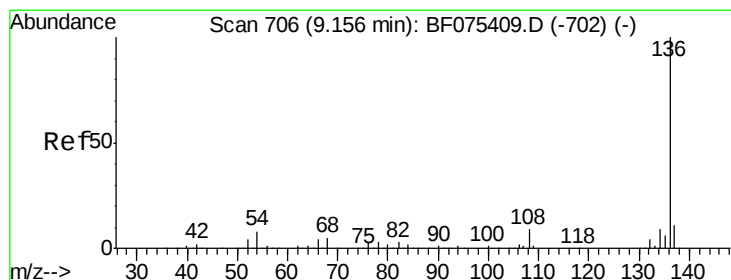
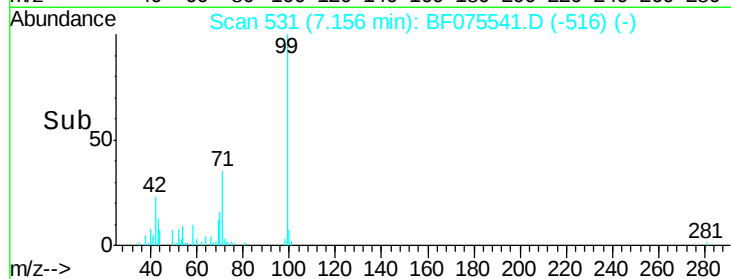
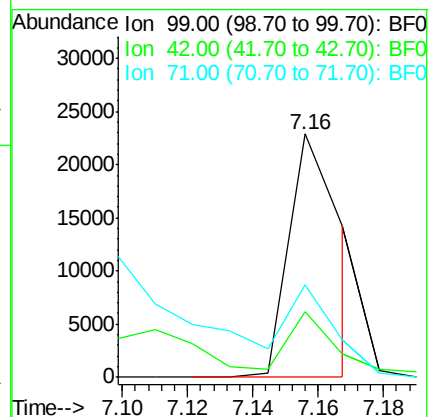
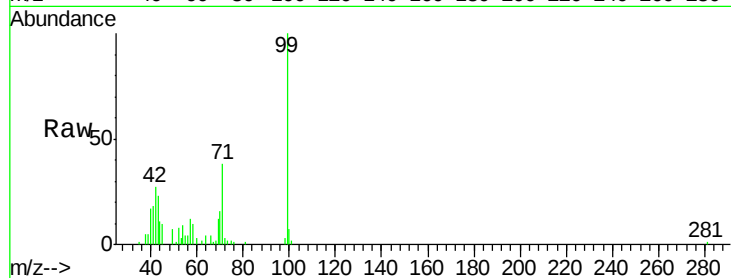
Tgt Ion: 99 Resp: 25804

Ion Ratio Lower Upper

99 100

42 26.7 19.8 29.6

71 38.2 25.5 38.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF075541.D

Acq: 15 Nov 2014 14:53

Tgt Ion: 136 Resp: 228070

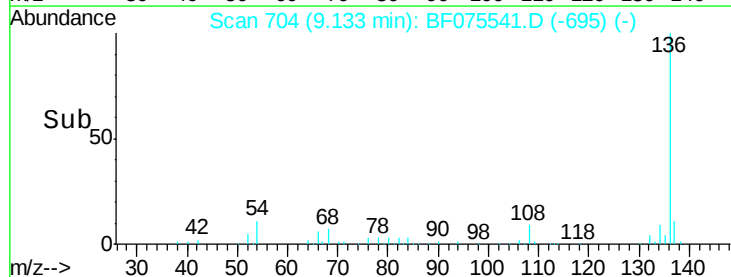
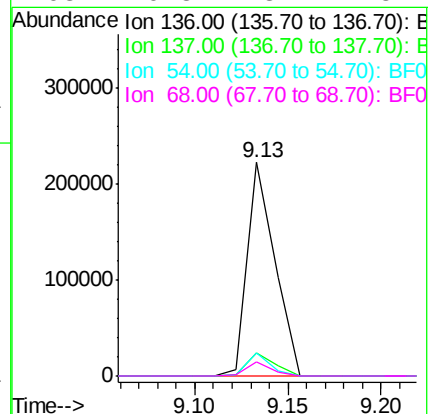
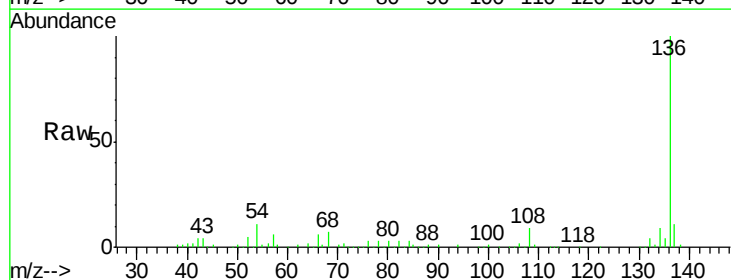
Ion Ratio Lower Upper

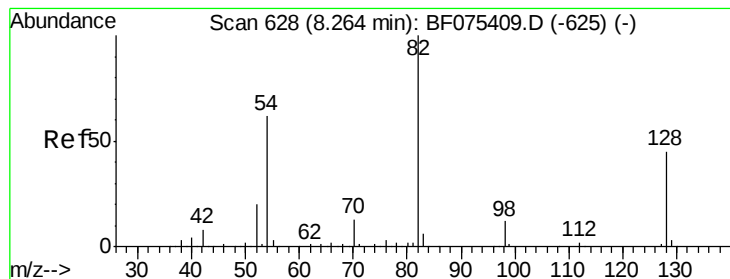
136 100

137 11.1 8.2 12.4

54 10.8 6.2 9.4#

68 6.8 3.4 5.2#





#23

Nitrobenzene-d5

Concen: 12.51 ng

RT: 8.25 min Scan# 627

Delta R.T. 0.01 min

Lab File: BF075541.D

Acq: 15 Nov 2014 14:53

Instrument :

BNA_F

ClientSampleId :

EFFWW

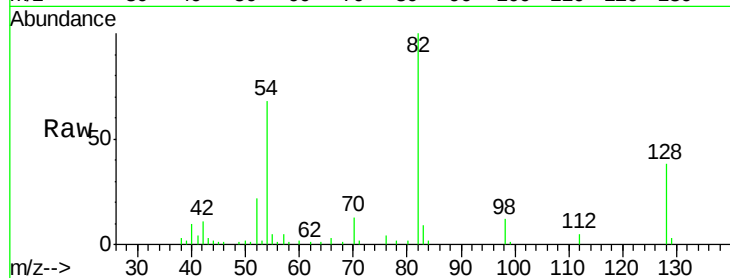
Tgt Ion: 82 Resp: 38916

Ion Ratio Lower Upper

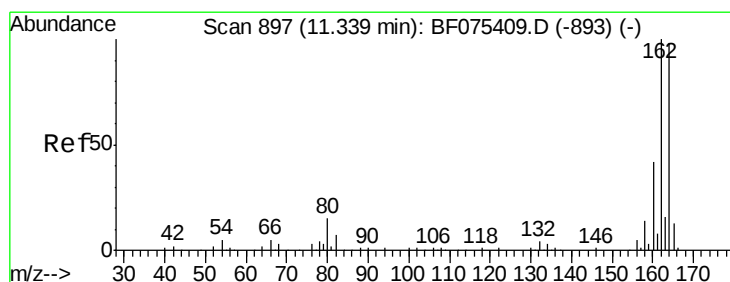
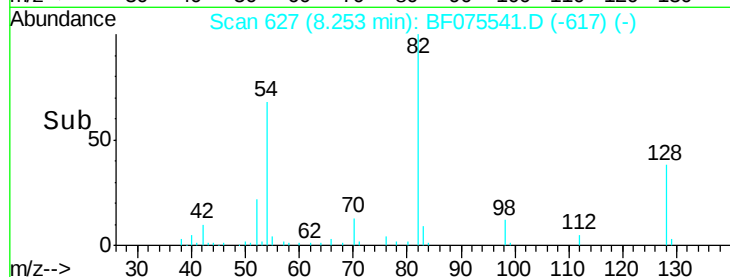
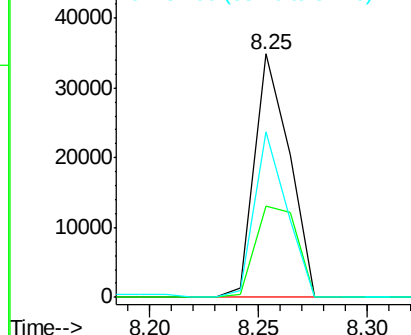
82 100

128 37.5 37.8 56.6#

54 67.7 49.8 74.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF075541.D

Acq: 15 Nov 2014 14:53

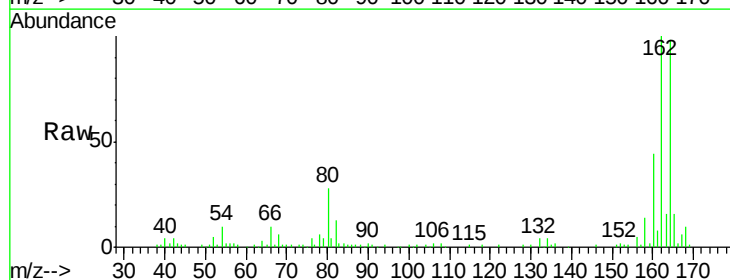
Tgt Ion:164 Resp: 115846

Ion Ratio Lower Upper

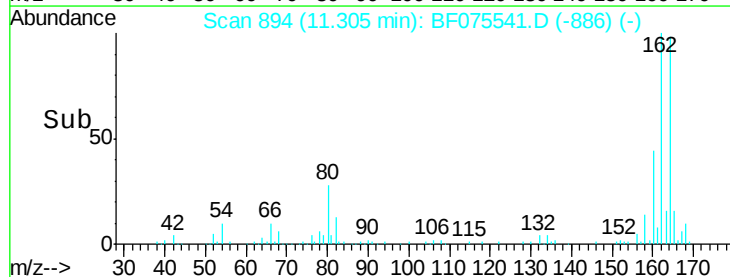
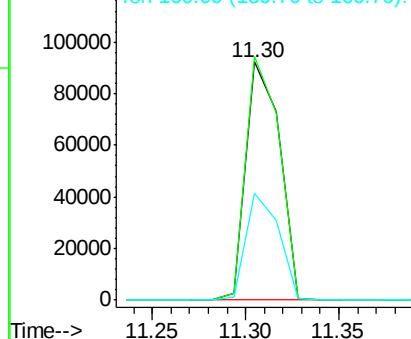
164 100

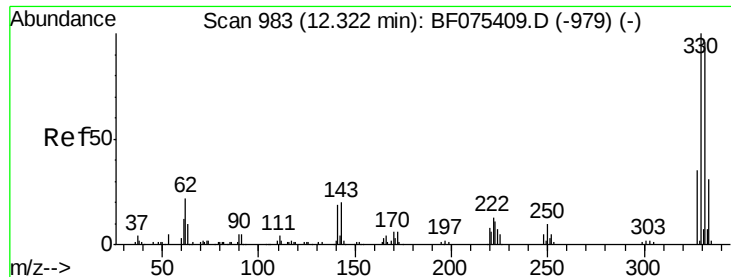
162 102.2 79.1 118.7

160 44.5 34.6 51.8



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

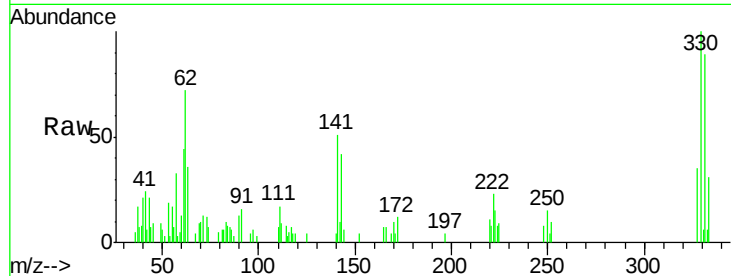




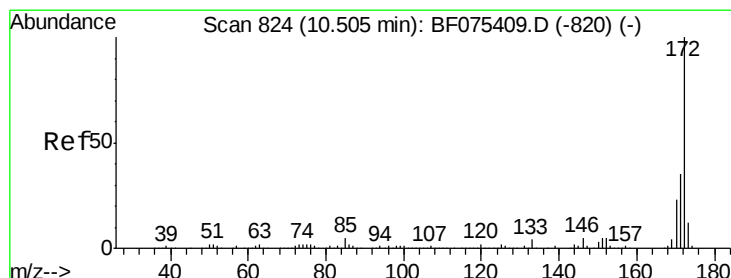
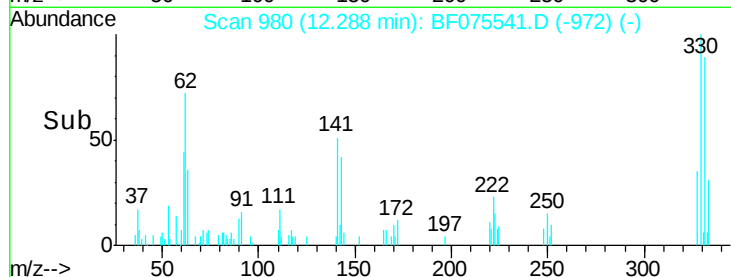
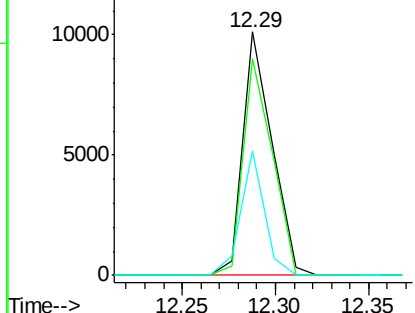
#41
 2,4,6-Tribromophenol
 Concen: 11.36 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF075541.D
 Acq: 15 Nov 2014 14:53

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Tgt Ion:330 Resp: 11020
 Ion Ratio Lower Upper
 330 100
 332 88.2 74.5 111.7
 141 42.0 30.7 46.1

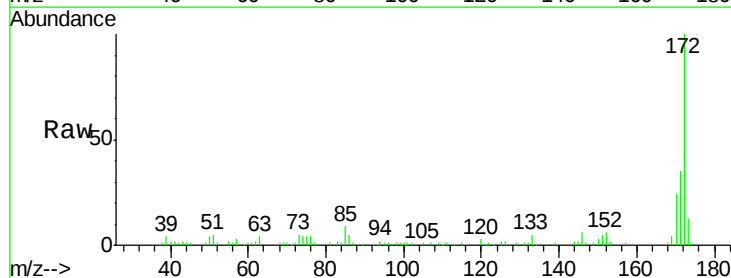


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

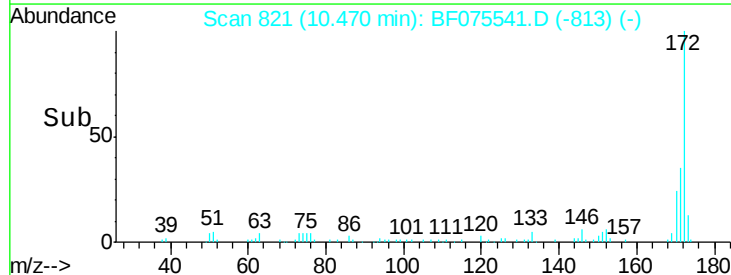
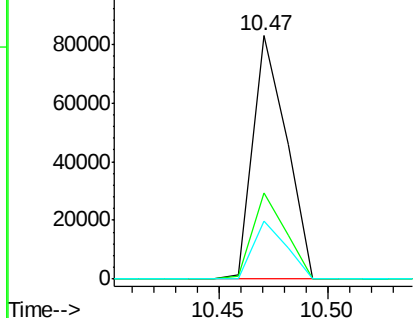


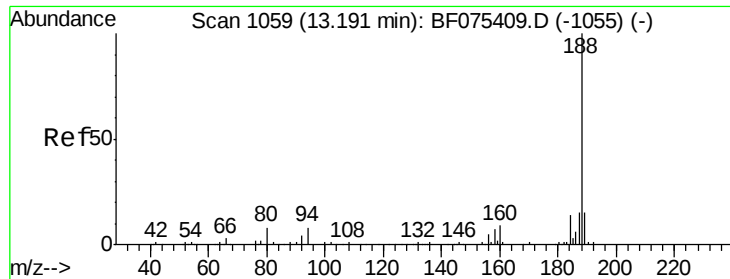
#44
 2-Fluorobiphenyl
 Concen: 13.95 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF075541.D
 Acq: 15 Nov 2014 14:53

Tgt Ion:172 Resp: 89451
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.3 40.9
 170 23.7 18.4 27.6



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

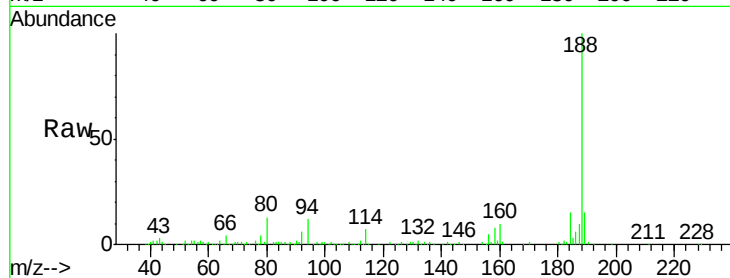




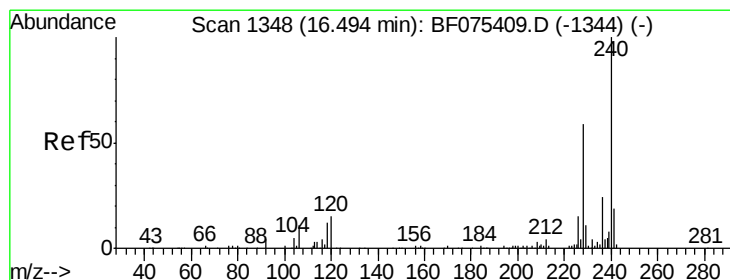
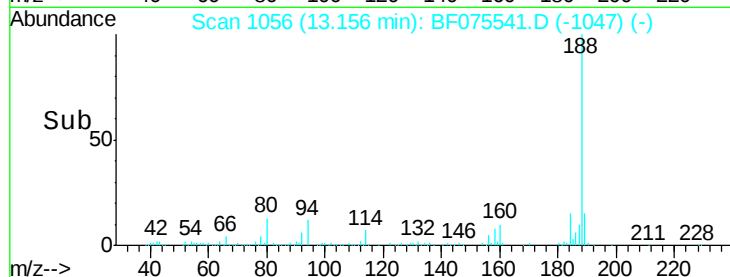
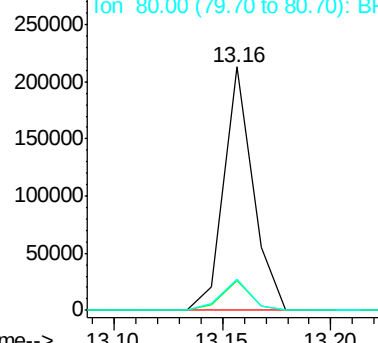
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF075541.D
Acq: 15 Nov 2014 14:53

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion:188 Resp: 198188
Ion Ratio Lower Upper
188 100
94 12.0 7.8 11.6#
80 12.6 8.0 12.0#

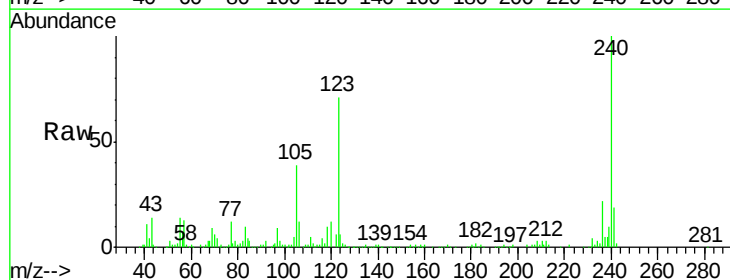


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

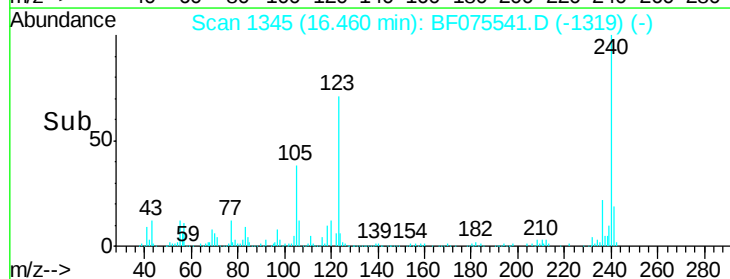
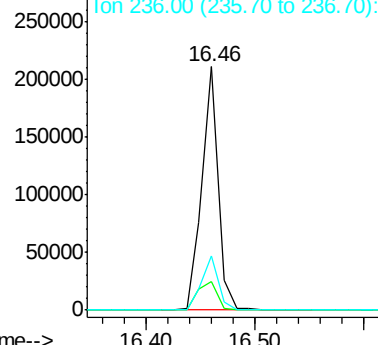


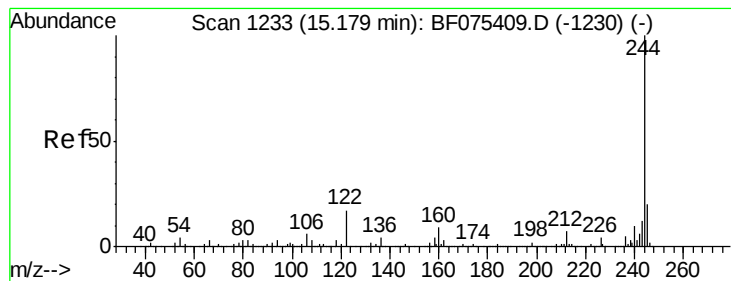
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF075541.D
Acq: 15 Nov 2014 14:53

Tgt Ion:240 Resp: 218086
Ion Ratio Lower Upper
240 100
120 11.7 9.6 14.4
236 22.2 18.9 28.3



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: 11.78 ng

RT: 15.15 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF075541.D

Acq: 15 Nov 2014 14:53

Instrument :

BNA_F

ClientSampleId :

EFFWW

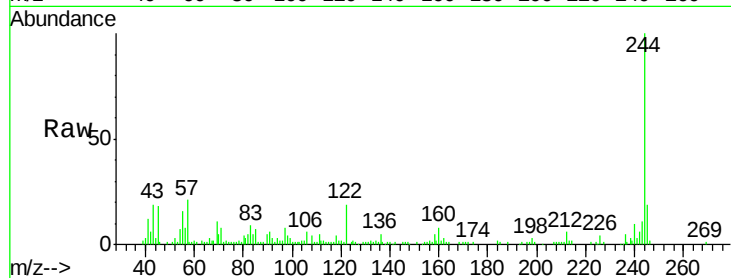
Tgt Ion:244 Resp: 95432

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

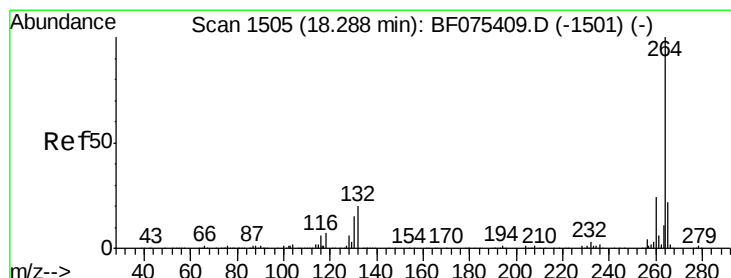
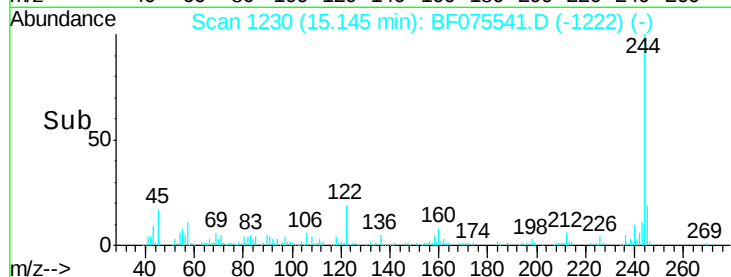
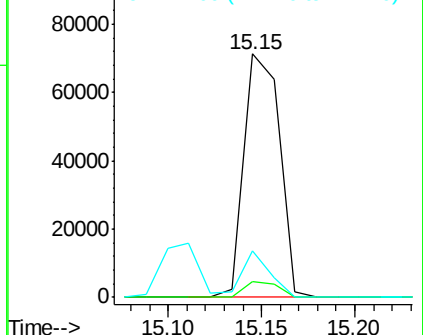
122 19.2 9.7 14.5#



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: 18.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BF075541.D

Acq: 15 Nov 2014 14:53

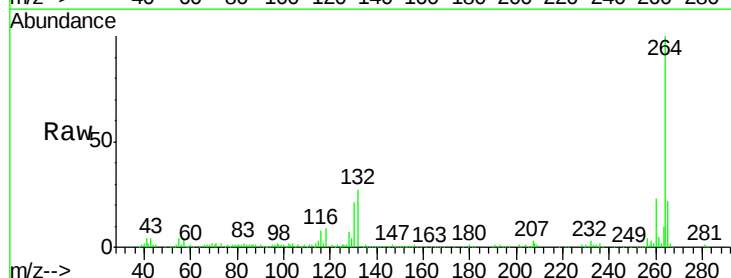
Tgt Ion:264 Resp: 224648

Ion Ratio Lower Upper

264 100

260 23.2 17.9 26.9

265 21.6 16.3 24.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

