

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075589.D
 Acq On : 16 Nov 2014 19:44
 Operator : TP / JJ
 Sample : PB80336BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80336BL

Quant Time: Nov 17 06:04:12 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 05:54:27 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	32035	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	136068	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	70165	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	124784	20.00	ng	0.00
75) Chrysene-d12	16.46	240	139232	20.00	ng	-0.01
86) Perylene-d12	18.23	264	167981	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	143043	78.88	ng	0.00
7) Phenol-d6	7.10	99	165762	76.02	ng	-0.01
23) Nitrobenzene-d5	8.24	82	157249	84.73	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	47549	80.91	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	348747	89.81	ng	0.00
78) Terphenyl-d14	15.16	244	407201	78.73	ng	0.00

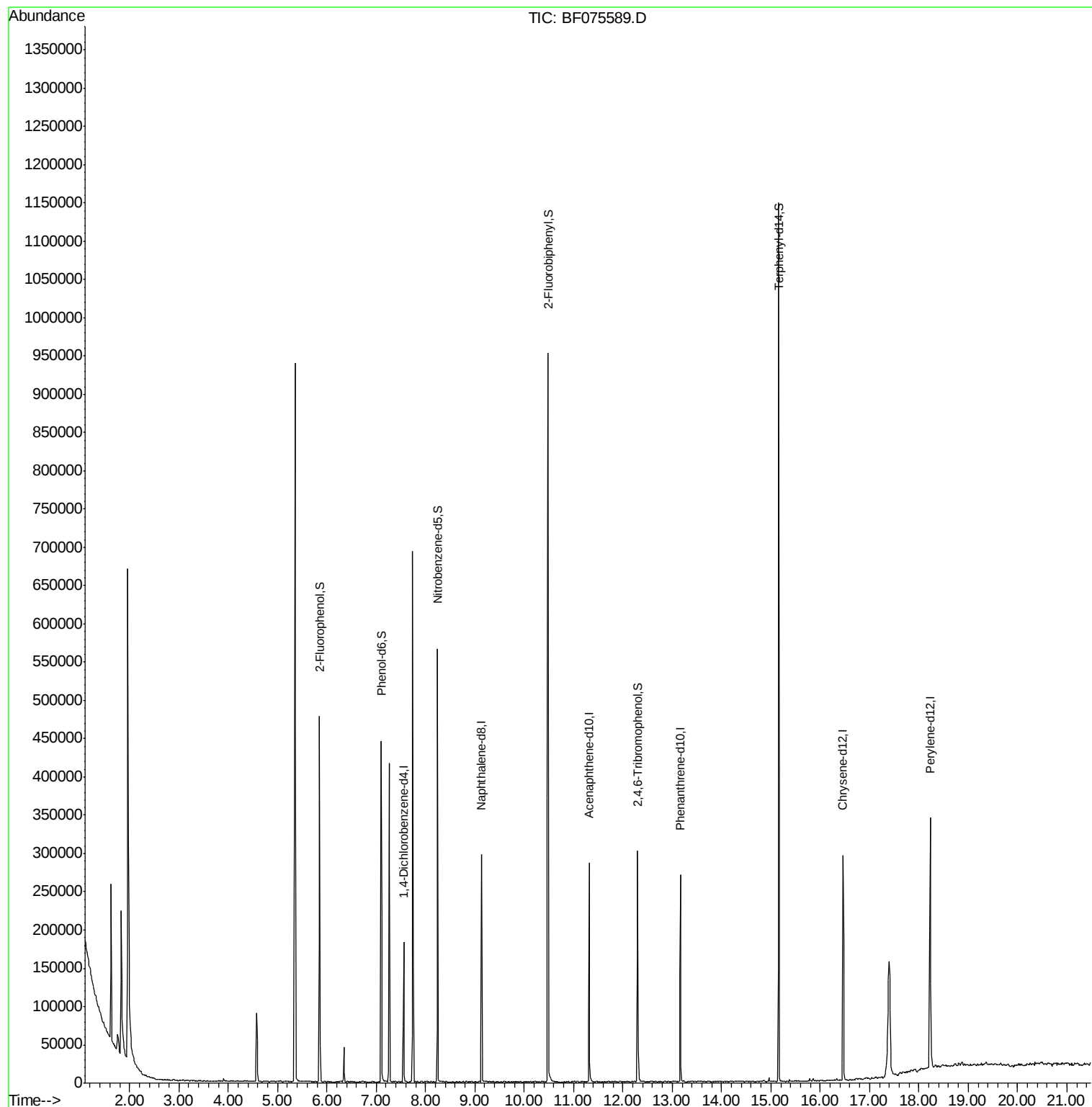
Target Compounds Qvalue

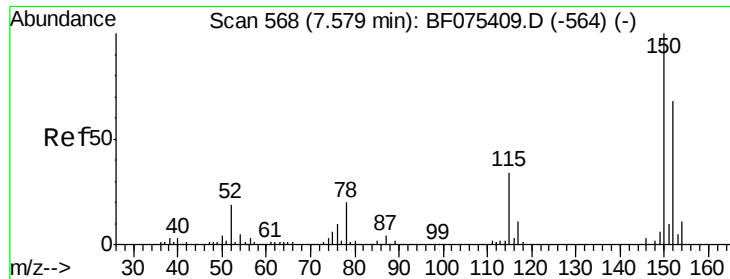
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF075589.D

Acq: 16 Nov 2014 19:44

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BNA_F

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PB80336BL

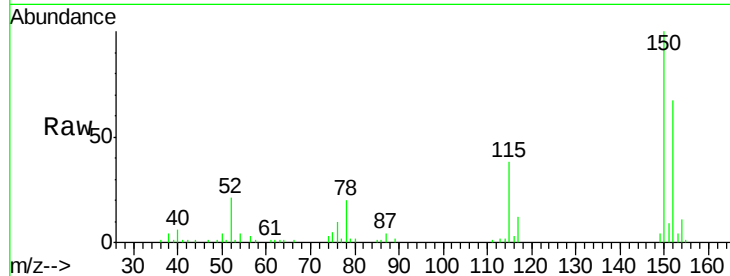
Tot Ion:152 Resp: 32035

Ion Ratio Lower Upper

152 100

150 150.0 127.2 190.8

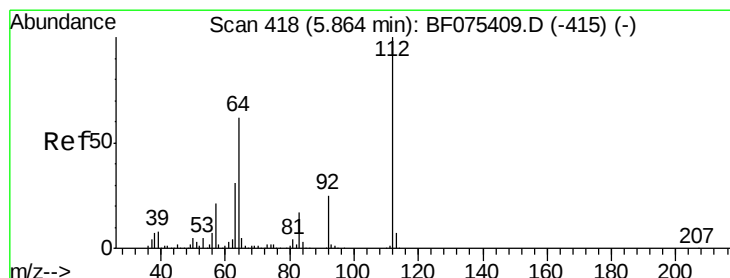
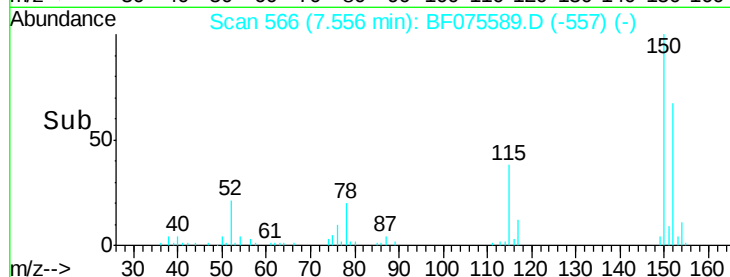
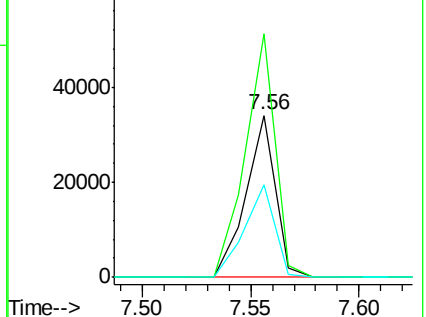
115 57.4 57.1 85.7



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: 78.88 ng

RT: 5.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF075589.D

Acq: 16 Nov 2014 19:44

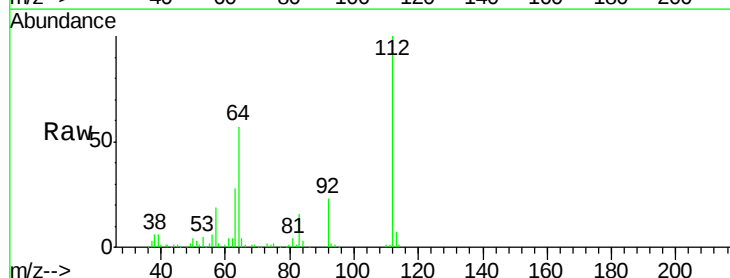
Tgt Ion:112 Resp: 143043

Ion Ratio Lower Upper

112 100

64 56.6 45.8 68.6

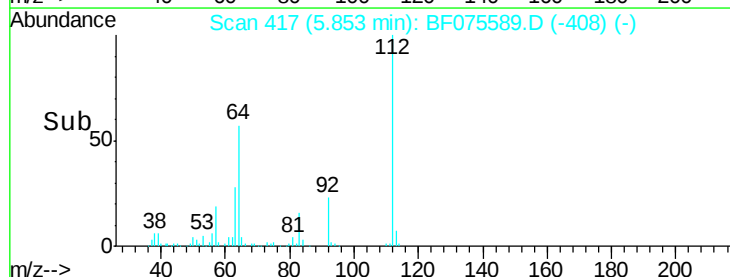
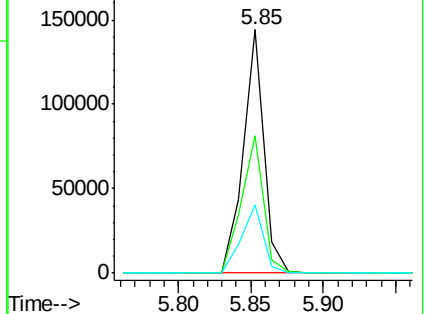
63 28.2 22.7 34.1

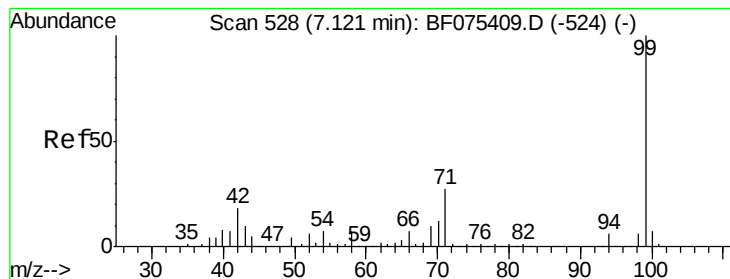


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 76.02 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075589.D

Acq: 16 Nov 2014 19:44

Instrument :

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ClientSampleId :

PB80336BL

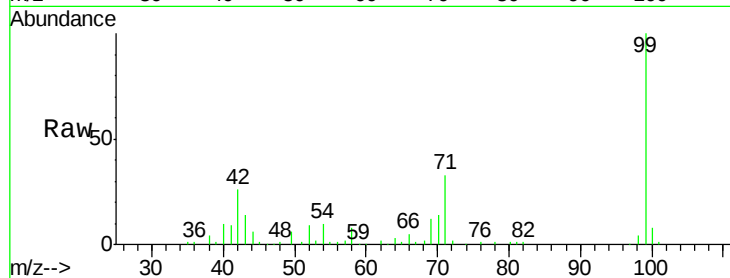
Tot Ion: 99 Resp: 165762

Ion Ratio Lower Upper

99 100

42 25.5 19.8 29.6

71 33.1 25.5 38.3



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

200000

150000

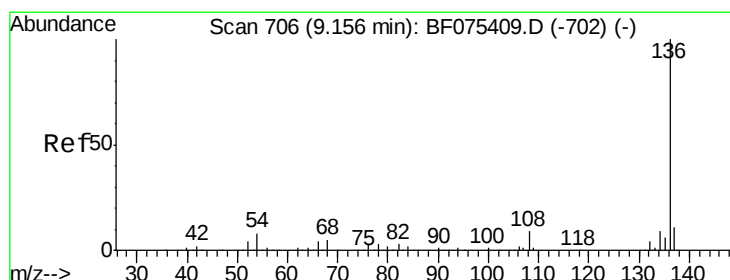
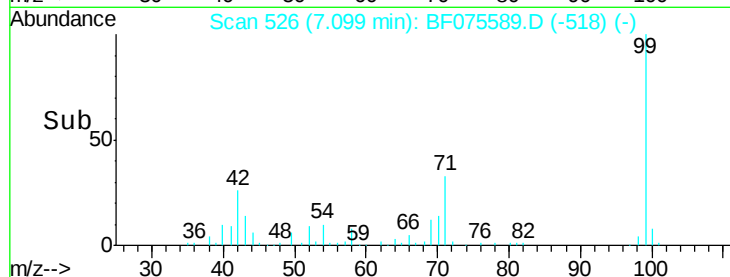
100000

50000

0

7.05 7.10 7.15

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF075589.D

Acq: 16 Nov 2014 19:44

Tgt Ion: 136 Resp: 136068

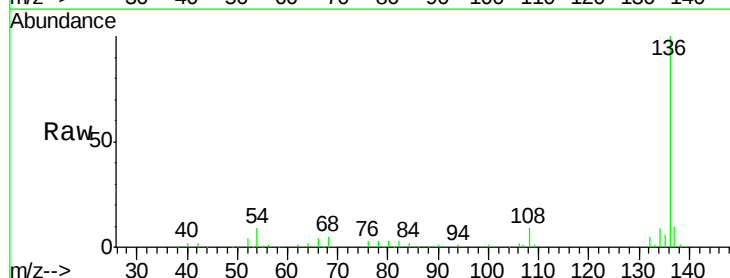
Ion Ratio Lower Upper

136 100

137 10.1 8.2 12.4

54 8.5 6.2 9.4

68 4.6 3.4 5.2



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

200000

150000

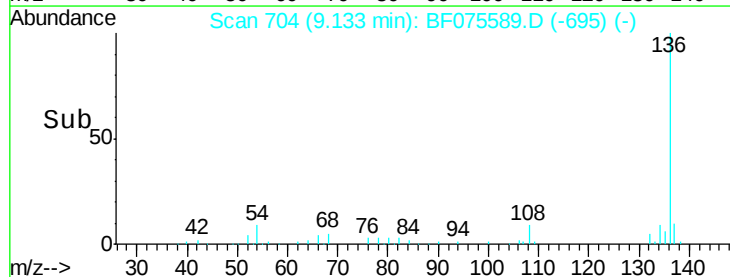
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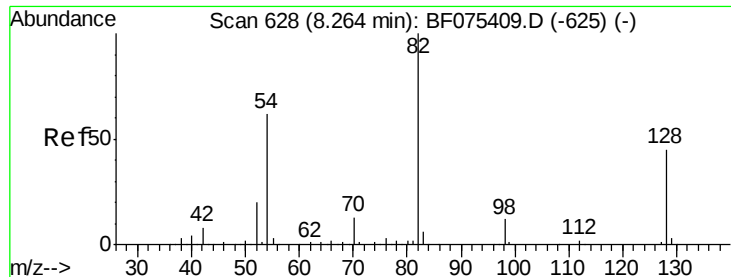
50000

0

9.10 9.15 9.20

Time-->

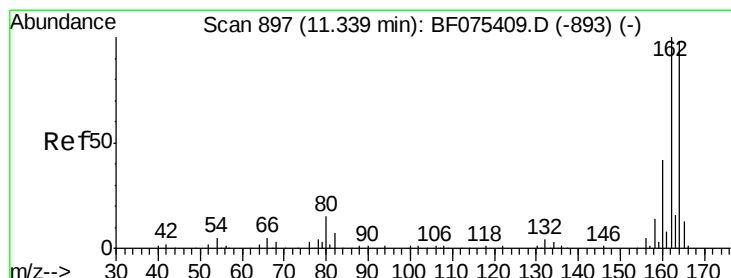
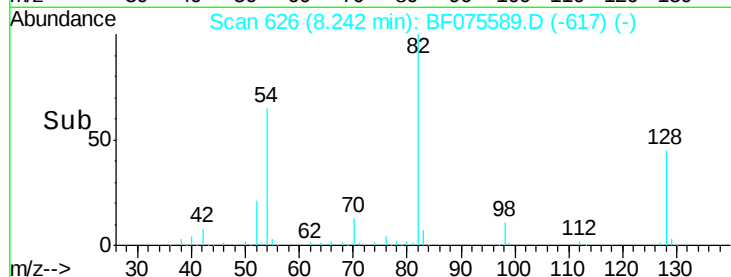
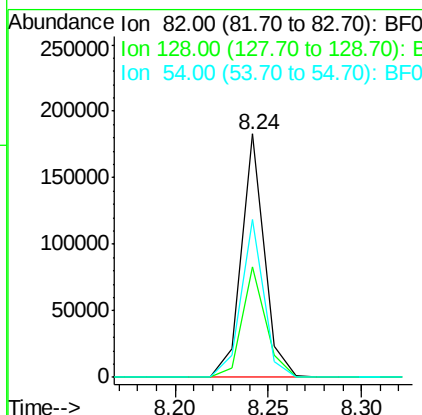
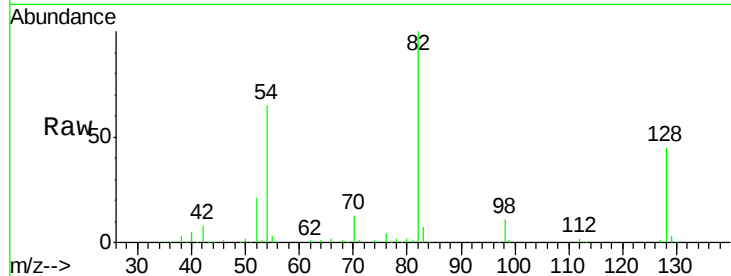




#23
Nitrobenzene-d5
Concen: 84.73 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF075589.D
Acq: 16 Nov 2014 19:44

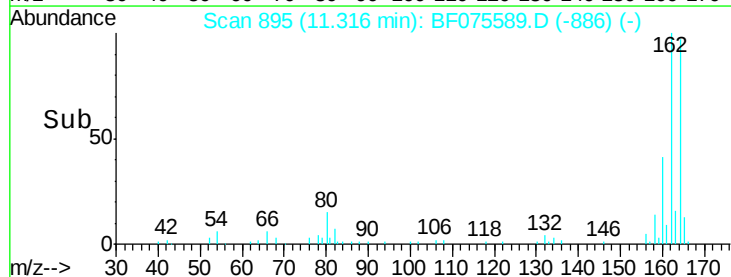
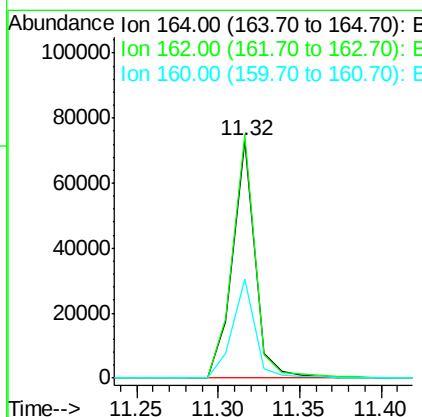
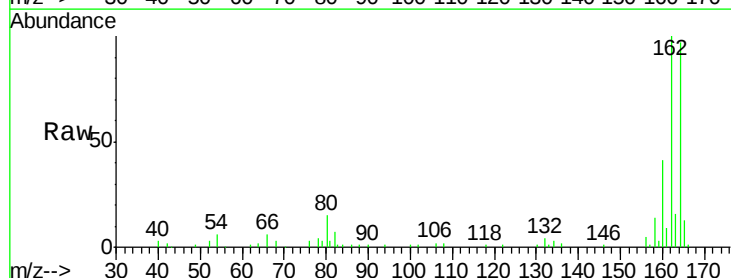
Instrument :
BNA_F
ClientSampleId :
PB80336BL

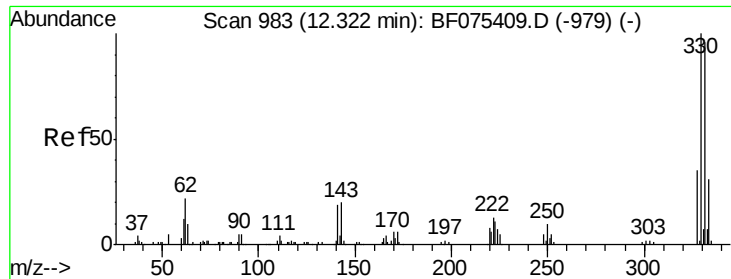
Tot Ion: 82 Resp: 157249
Ion Ratio Lower Upper
82 100
128 45.3 37.8 56.6
54 64.8 49.8 74.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF075589.D
Acq: 16 Nov 2014 19:44

Tgt Ion:164 Resp: 70165
Ion Ratio Lower Upper
164 100
162 102.6 79.1 118.7
160 41.8 34.6 51.8

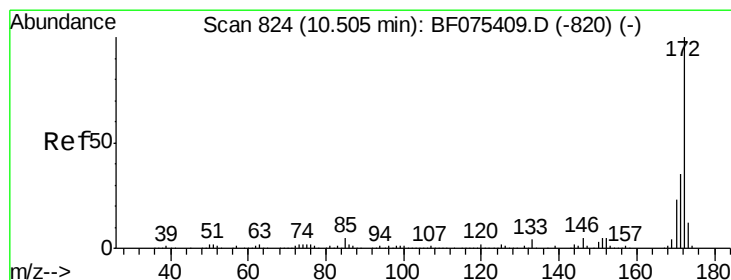
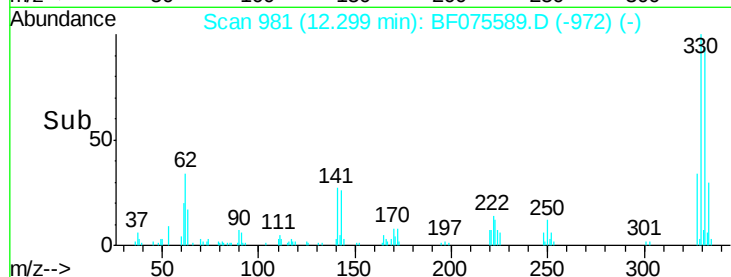
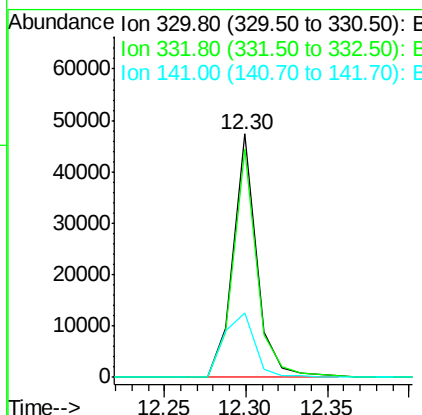
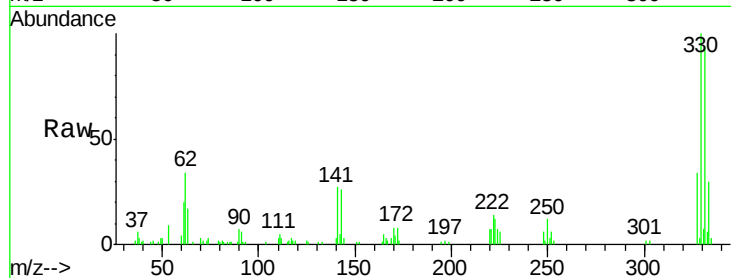




#41
 2,4,6-Tribromophenol
 Concen: 80.91 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF075589.D
 Acq: 16 Nov 2014 19:44

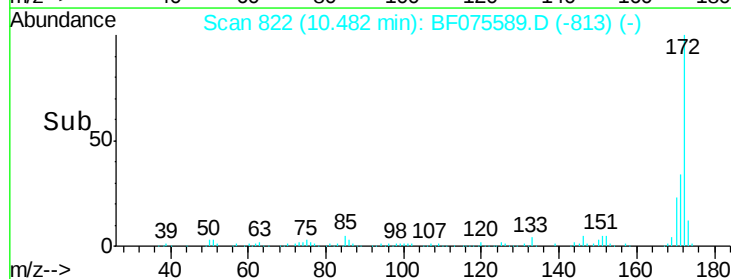
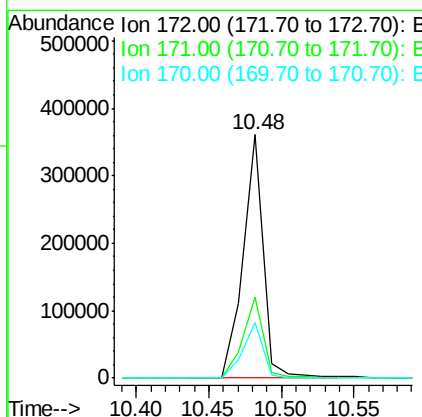
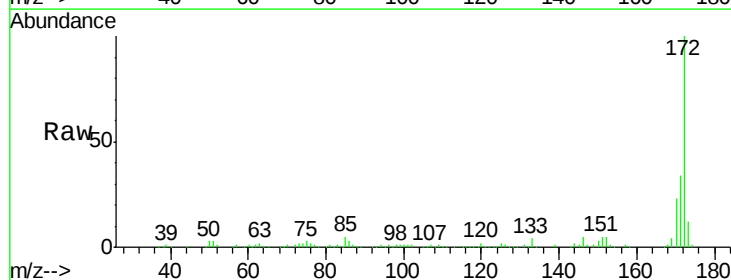
Instrument :
 BNA_F
 ClientSampleId :
 PB80336BL

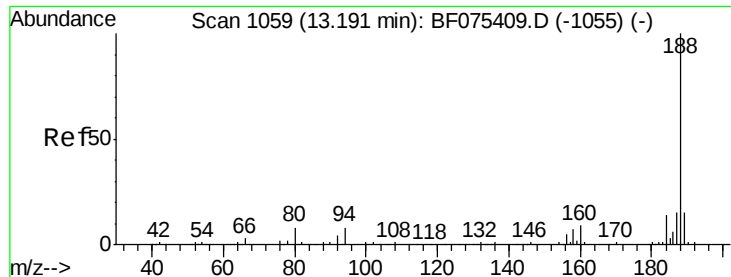
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	74.5	111.7
141	34.6	30.7	46.1



#44
 2-Fluorobiphenyl
 Concen: 89.81 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF075589.D
 Acq: 16 Nov 2014 19:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.3	40.9
170	22.9	18.4	27.6

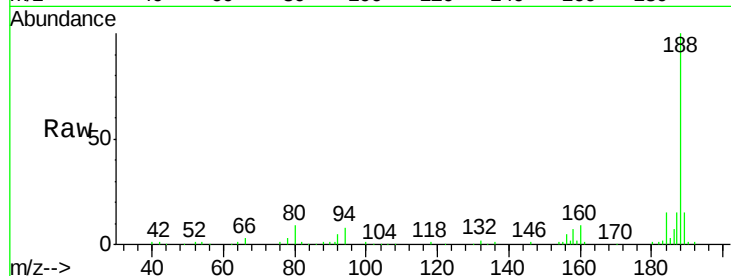




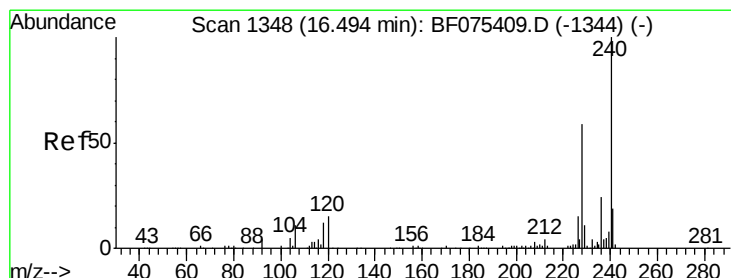
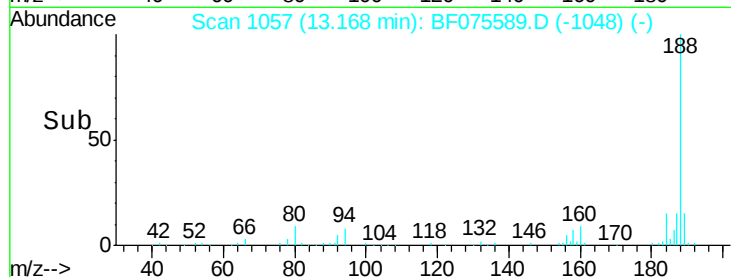
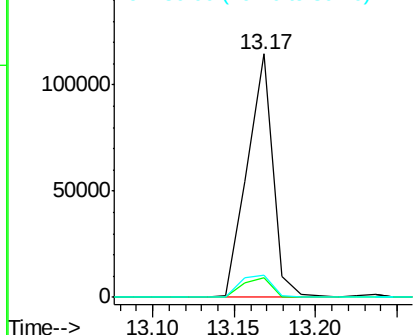
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF075589.D
Acq: 16 Nov 2014 19:44

Instrument :
BNA_F
ClientSampleId :
PB80336BL

Tot Ion:188 Resp: 124784
Ion Ratio Lower Upper
188 100
94 8.1 7.8 11.6
80 8.9 8.0 12.0

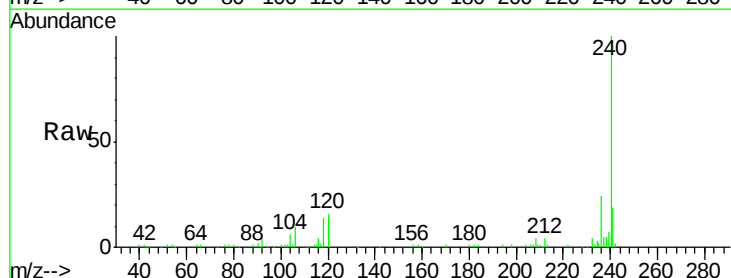


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

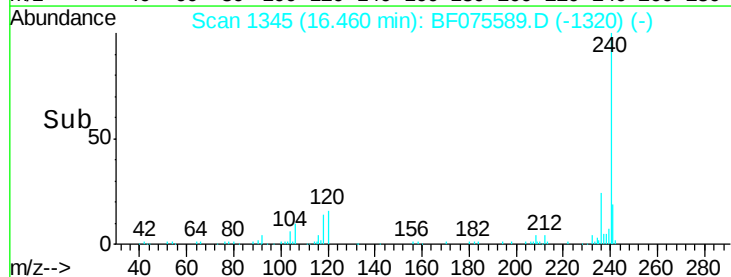
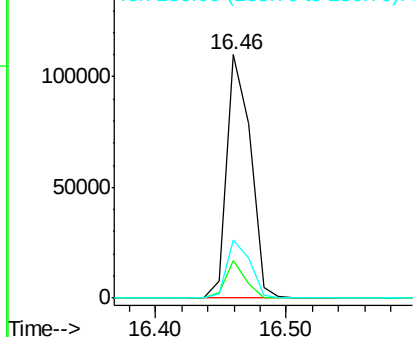


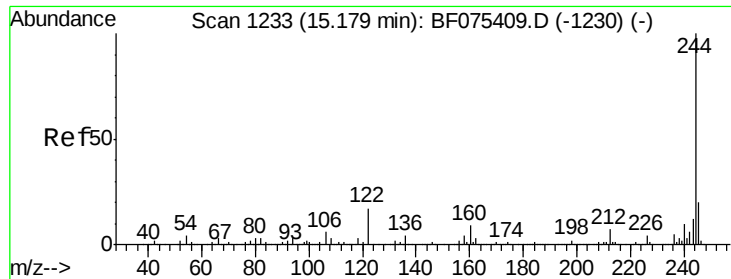
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF075589.D
Acq: 16 Nov 2014 19:44

Tgt Ion:240 Resp: 139232
Ion Ratio Lower Upper
240 100
120 15.5 9.6 14.4#
236 23.8 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

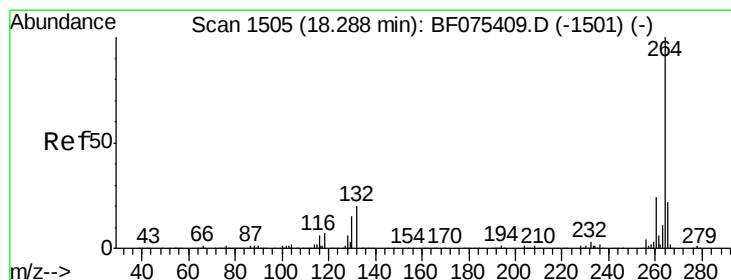
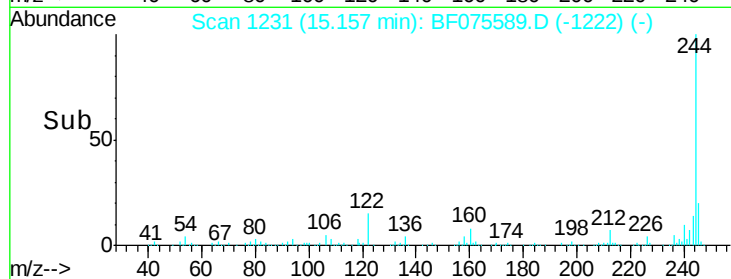
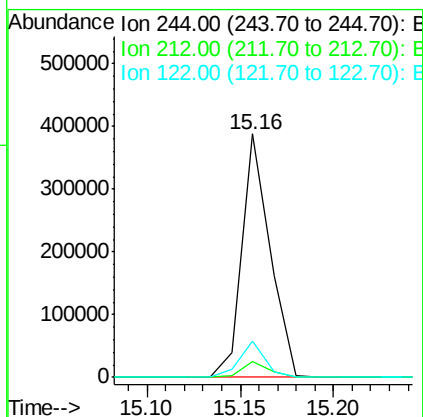
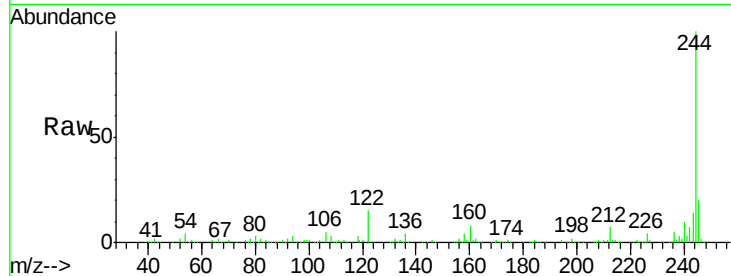




#78
 Terphenyl-d14
 Concen: 78.73 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF075589.D
 Acq: 16 Nov 2014 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB80336BL

Tot Ion:244 Resp: 407201
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 14.9 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.23 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF075589.D
 Acq: 16 Nov 2014 19:44

Tgt Ion:264 Resp: 167981
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.9 26.9
 265 22.2 16.3 24.5

