

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075554.D
 Acq On : 15 Nov 2014 21:28
 Operator : TP / JJ
 Sample : F4632-01
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S32-FILL01

Quant Time: Nov 16 06:12:35 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

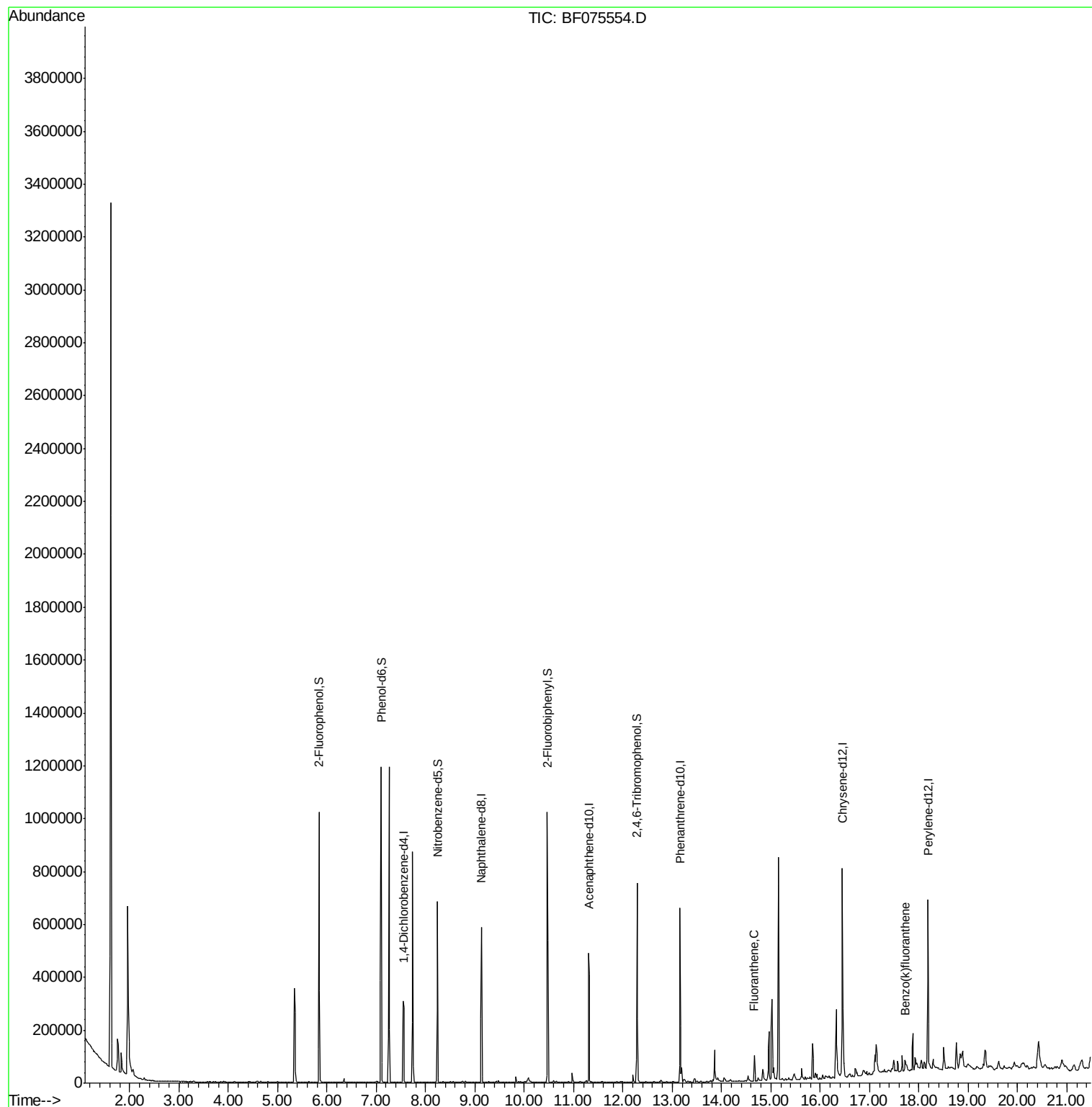
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	69141	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	296564	20.00	ng	-0.02
38) Acenaphthene-d10	11.30	164	150470	20.00	ng	-0.03
63) Phenanthrene-d10	13.16	188	256013	20.00	ng	-0.03
75) Chrysene-d12	16.45	240	294406	20.00	ng	-0.09
86) Perylene-d12	18.19	264	297510	20.00	ng	-0.25
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	306226	78.24	ng	-0.02
7) Phenol-d6	7.10	99	402706	85.56	ng	-0.01
23) Nitrobenzene-d5	8.24	82	218041	53.90	ng	-0.02
41) 2,4,6-Tribromophenol	12.29	330	89691	71.17	ng	-0.03
44) 2-Fluorobiphenyl	10.47	172	386740	46.44	ng	-0.02
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
74) Fluoranthene	14.67	202	41112	2.85	ng	99
88) Benzo(k)fluoranthene	17.72	252	31148	2.18	ng	98

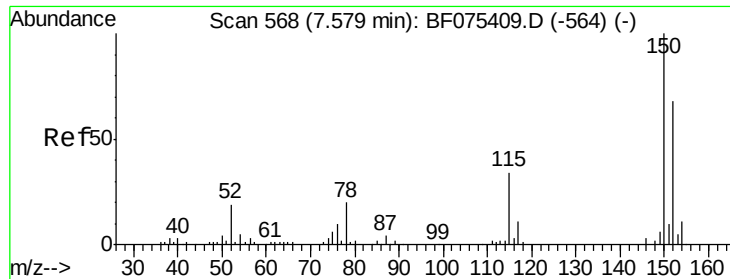
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF075554.D

Acq: 15 Nov 2014 21:28

Instrument :

BNA_F

ClientSampleId :

S32-FILL01

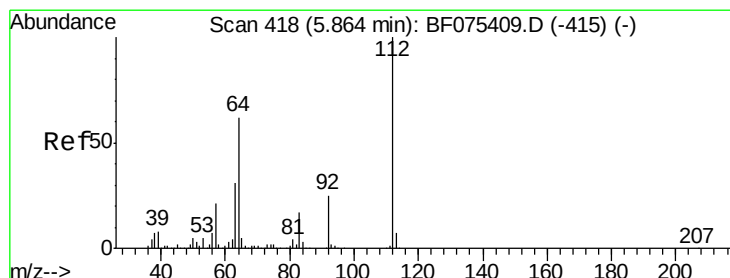
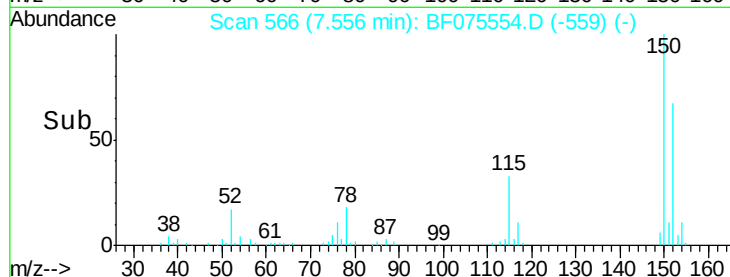
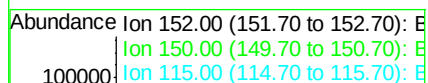
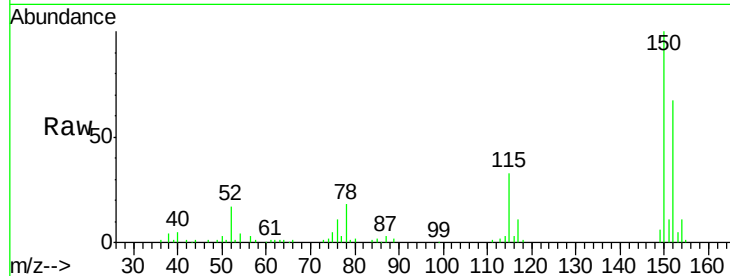
Tgt Ion:152 Resp: 69141

Ion Ratio Lower Upper

152 100

150 148.7 127.2 190.8

115 49.4 57.1 85.7#



#5

2-Fluorophenol

Concen: 78.24 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075554.D

Acq: 15 Nov 2014 21:28

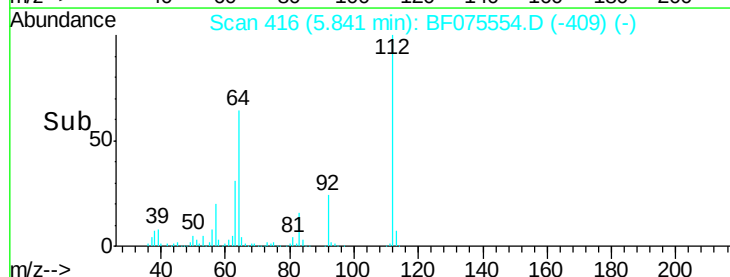
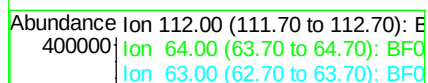
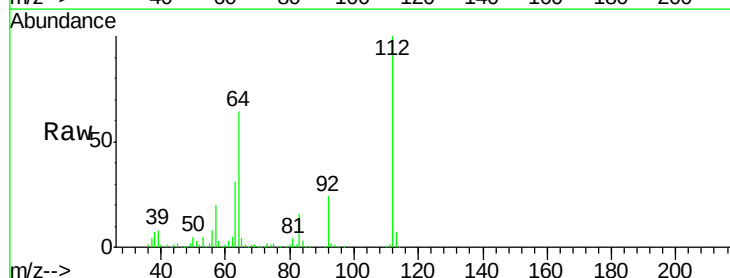
Tgt Ion:112 Resp: 306226

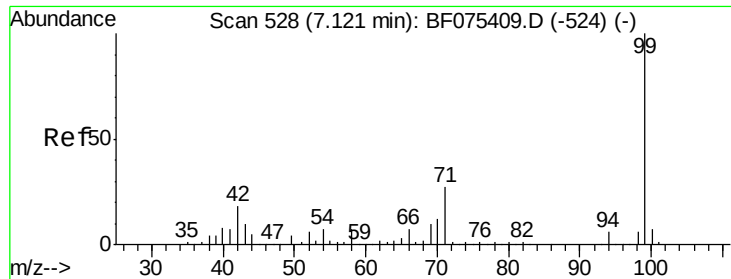
Ion Ratio Lower Upper

112 100

64 64.2 45.8 68.6

63 30.6 22.7 34.1





#7

Phenol-d6

Concen: 85.56 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075554.D

Acq: 15 Nov 2014 21:28

Instrument :

BNA_F

ClientSampleId :

S32-FILL01

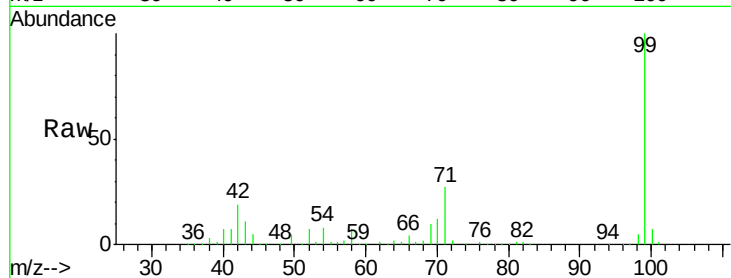
Tgt Ion: 99 Resp: 402706

Ion Ratio Lower Upper

99 100

42 19.4 19.8 29.6#

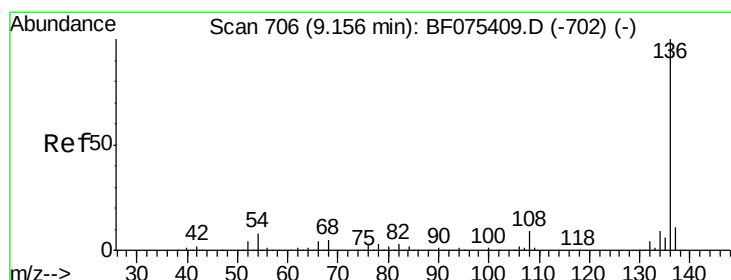
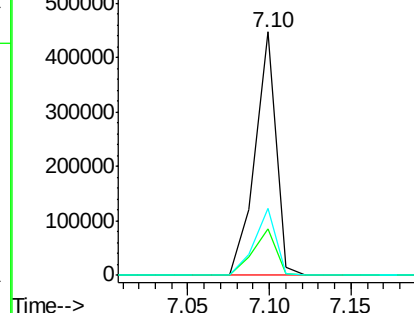
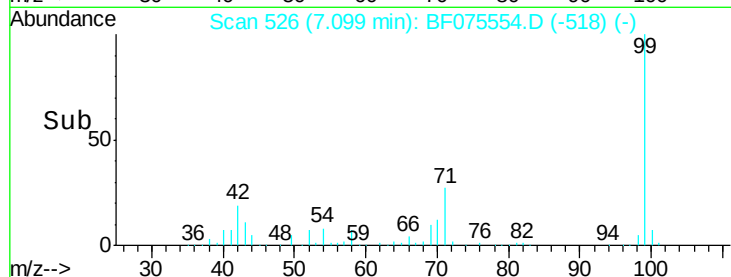
71 27.3 25.5 38.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF075554.D

Acq: 15 Nov 2014 21:28

Tgt Ion: 136 Resp: 296564

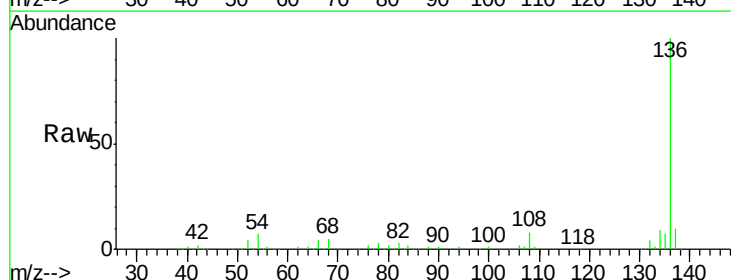
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

54 7.3 6.2 9.4

68 5.2 3.4 5.2#

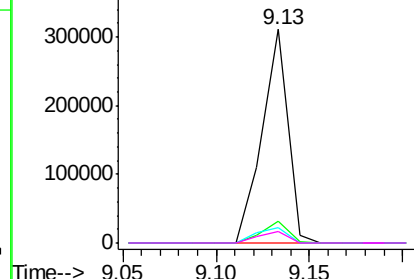
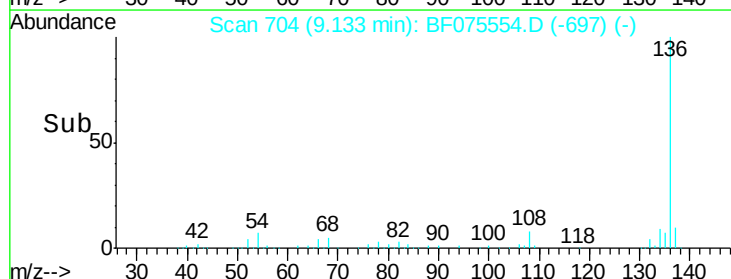


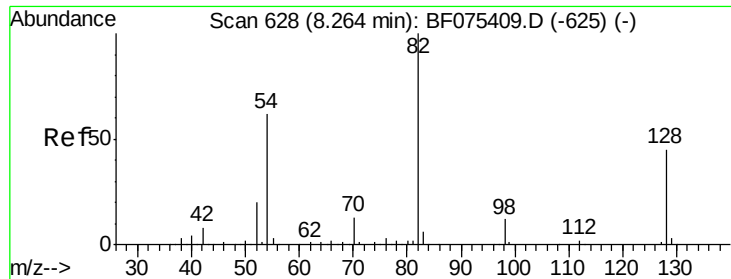
Abundance Ion 136.00 (135.70 to 136.70): E

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

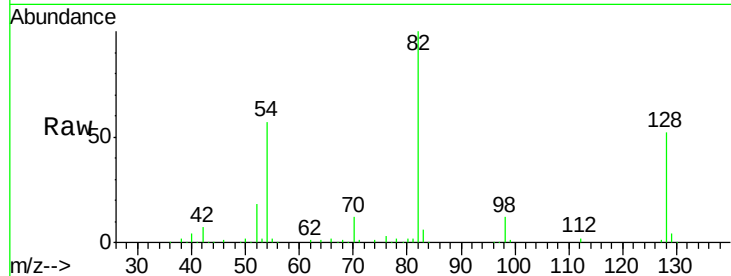




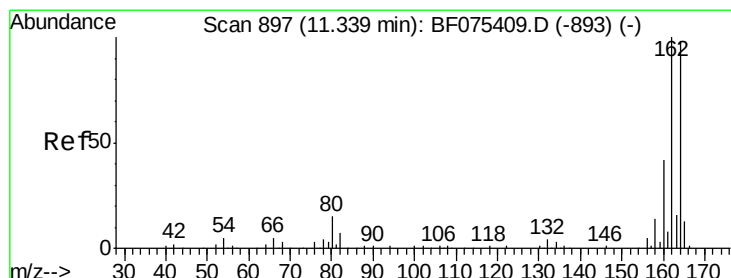
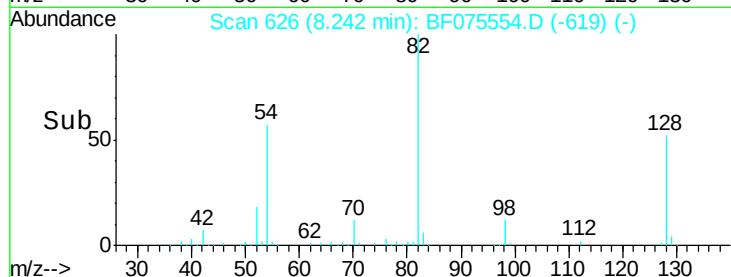
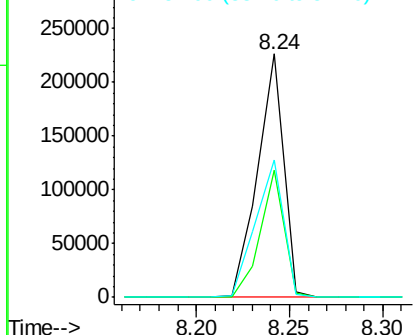
#23
 Nitrobenzene-d5
 Concen: 53.90 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF075554.D
 Acq: 15 Nov 2014 21:28

Instrument :
 BNA_F
 ClientSampleId :
 S32-FILL01

Tgt Ion: 82 Resp: 218041
 Ion Ratio Lower Upper
 82 100
 128 52.0 37.8 56.6
 54 56.6 49.8 74.8

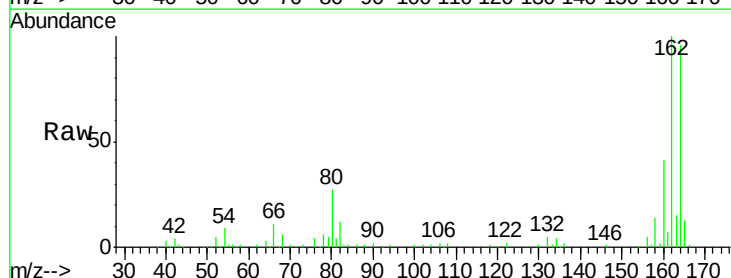


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

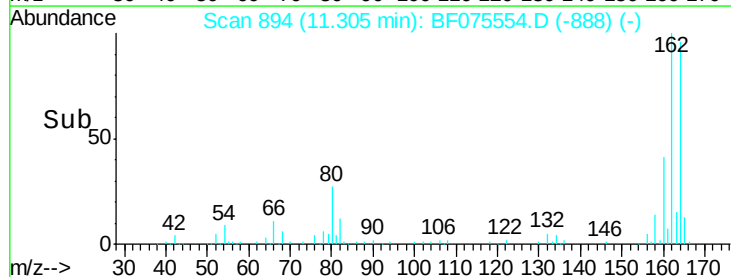
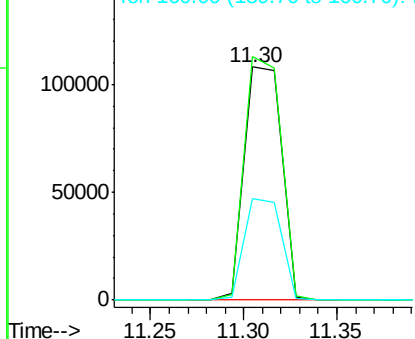


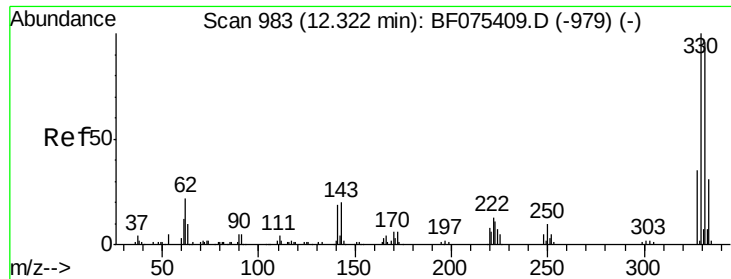
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 894
 Delta R.T. -0.03 min
 Lab File: BF075554.D
 Acq: 15 Nov 2014 21:28

Tgt Ion: 164 Resp: 150470
 Ion Ratio Lower Upper
 164 100
 162 104.3 79.1 118.7
 160 43.2 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

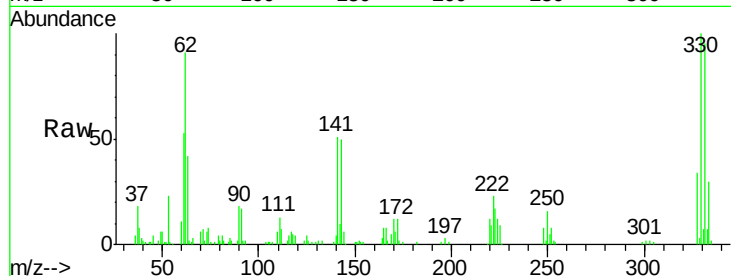




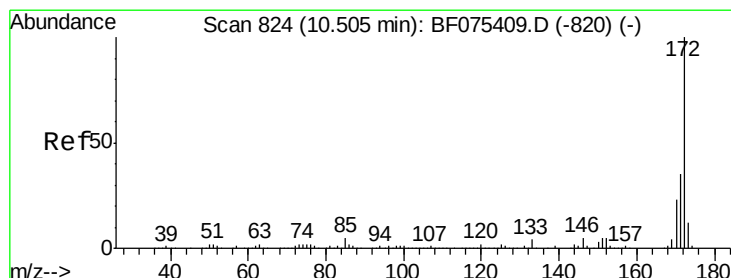
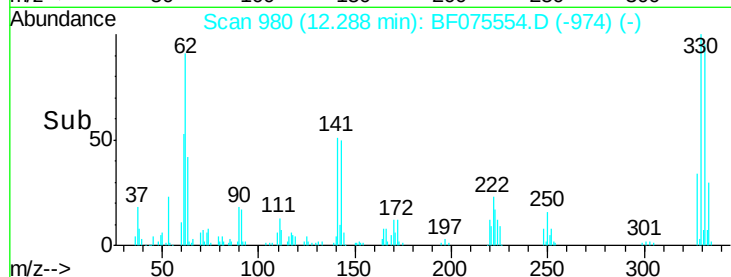
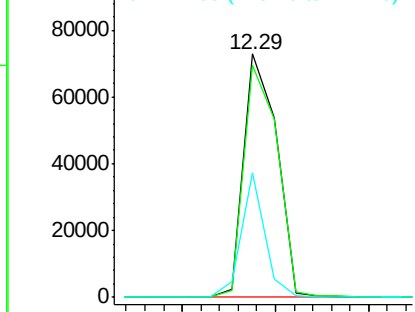
#41
 2,4,6-Tribromophenol
 Concen: 71.17 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF075554.D
 Acq: 15 Nov 2014 21:28

Instrument :
 BNA_F
 ClientSampleId :
 S32-FILL01

Tgt Ion:330 Resp: 89691
 Ion Ratio Lower Upper
 330 100
 332 97.3 74.5 111.7
 141 36.6 30.7 46.1

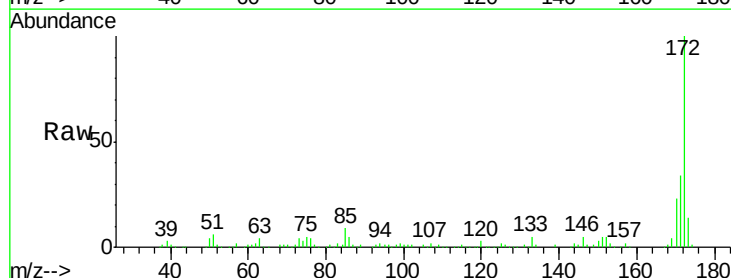


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

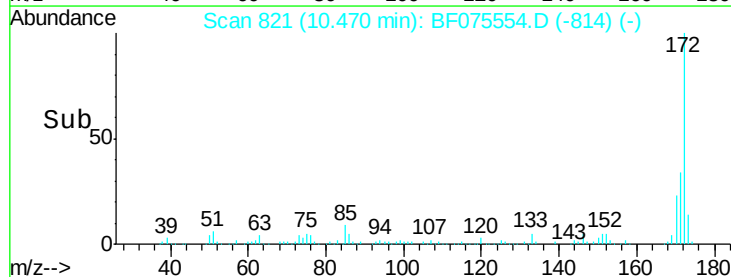
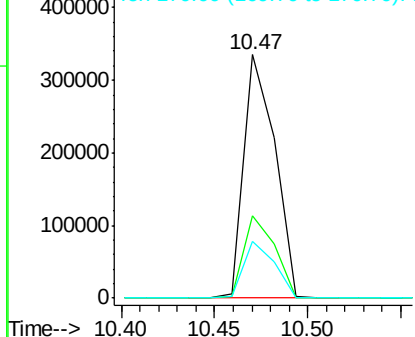


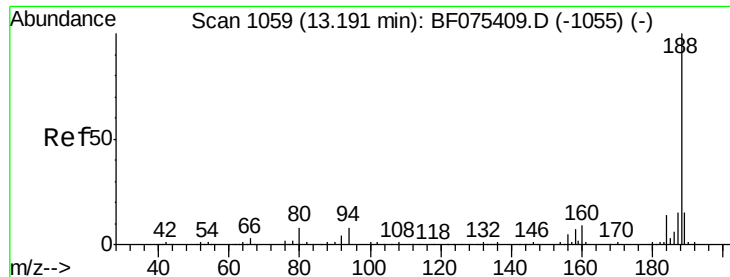
#44
 2-Fluorobiphenyl
 Concen: 46.44 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF075554.D
 Acq: 15 Nov 2014 21:28

Tgt Ion:172 Resp: 386740
 Ion Ratio Lower Upper
 172 100
 171 34.0 27.3 40.9
 170 23.1 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

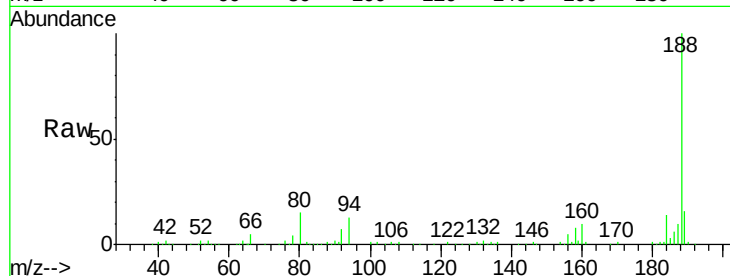




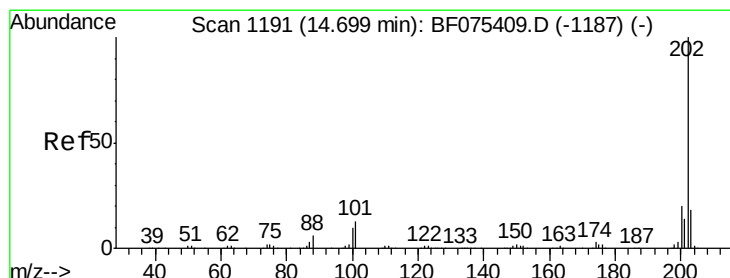
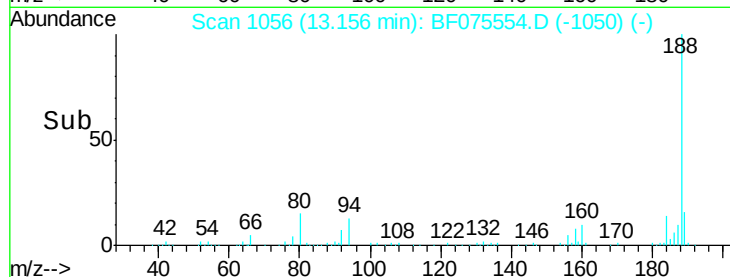
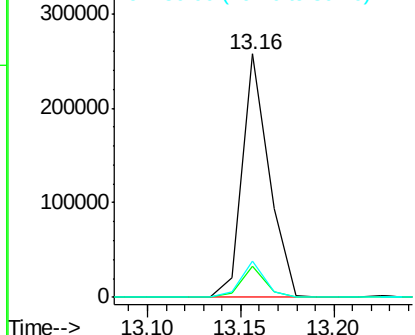
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF075554.D
Acq: 15 Nov 2014 21:28

Instrument :
BNA_F
ClientSampleId :
S32-FILL01

Tgt Ion:188 Resp: 256013
Ion Ratio Lower Upper
188 100
94 13.0 7.8 11.6#
80 15.1 8.0 12.0#

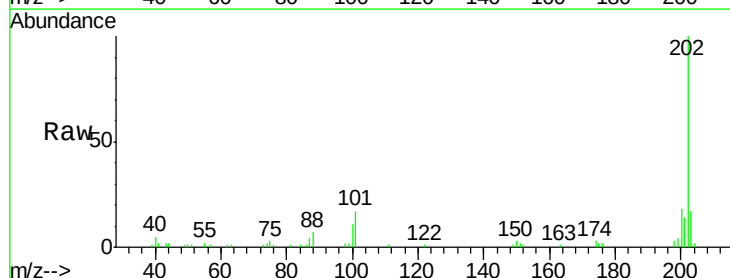


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

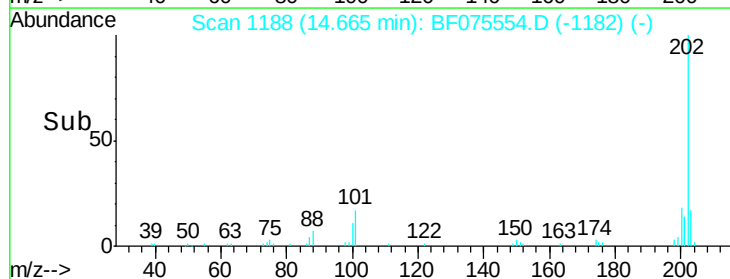
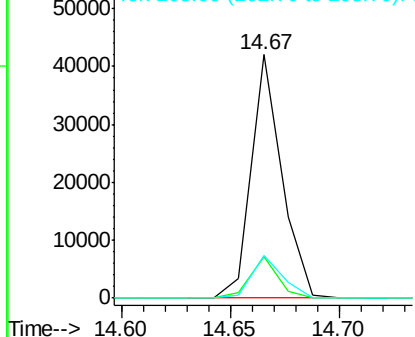


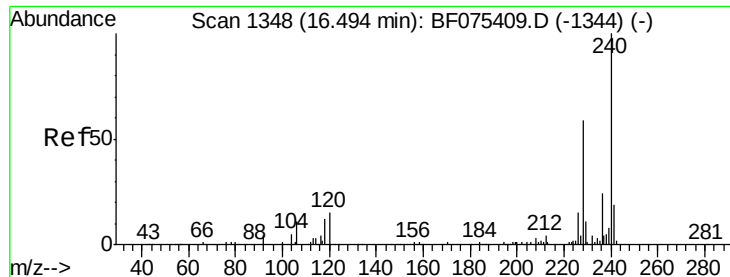
#74
Fluoranthene
Concen: 2.85 ng
RT: 14.67 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BF075554.D
Acq: 15 Nov 2014 21:28

Tgt Ion:202 Resp: 41112
Ion Ratio Lower Upper
202 100
101 16.8 0.0 36.6
203 17.3 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.45 min Scan# 1344

Delta R.T. -0.09 min

Lab File: BF075554.D

Acq: 15 Nov 2014 21:28

Instrument :

BNA_F

ClientSampleId :

S32-FILL01

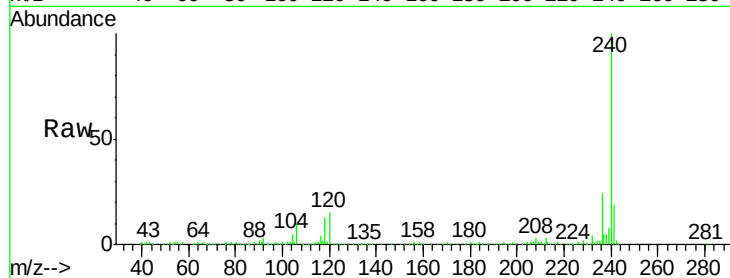
Tgt Ion: 240 Resp: 294406

Ion Ratio Lower Upper

240 100

120 14.7 9.6 14.4#

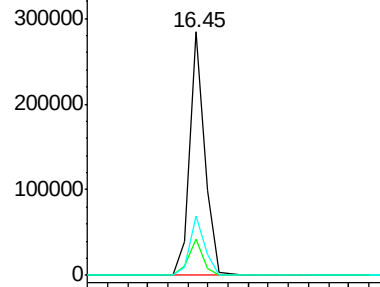
236 24.3 18.9 28.3



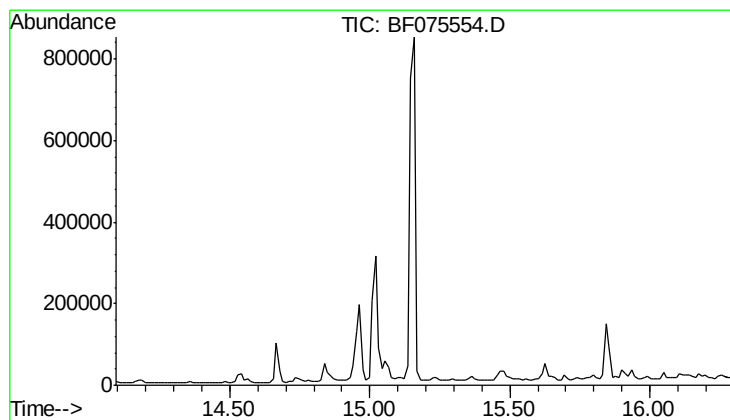
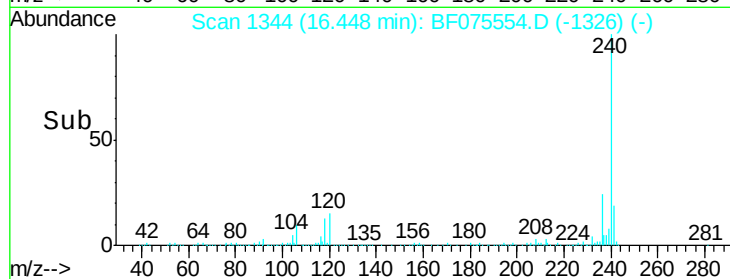
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 15.19 min

Lab File: BF075554.D

Acq: 15 Nov 2014 21:28

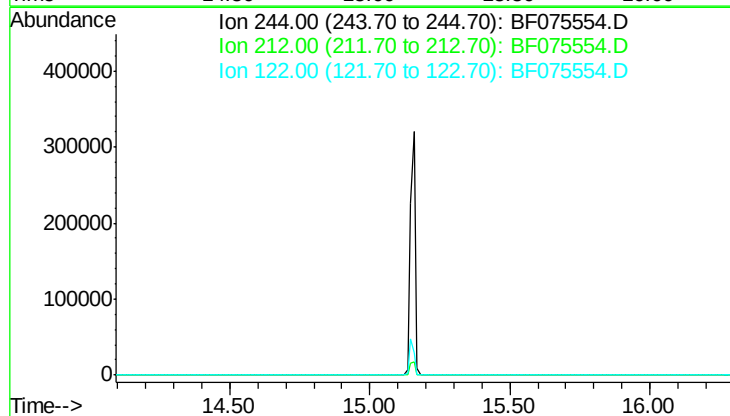
Tgt Ion: 244

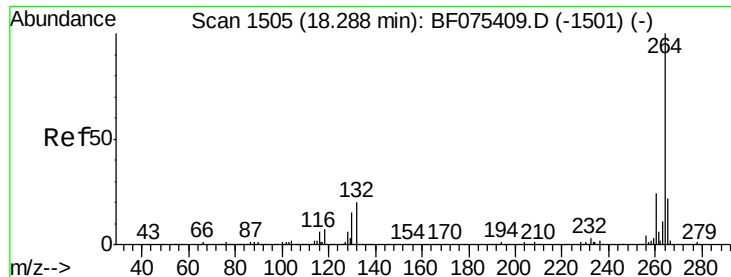
Sig Exp Ratio

244 100

212 6.9

122 12.1

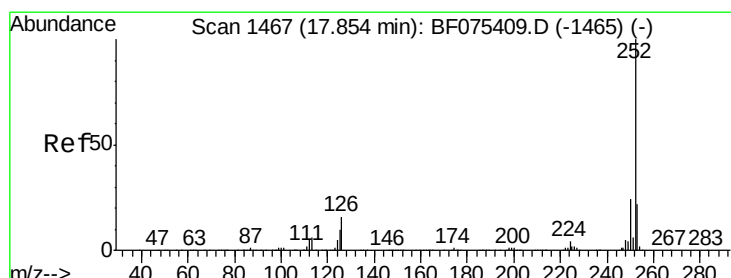
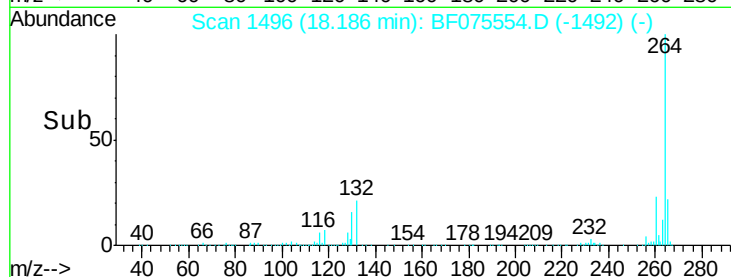
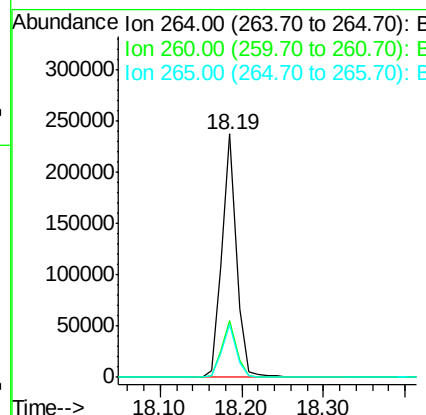
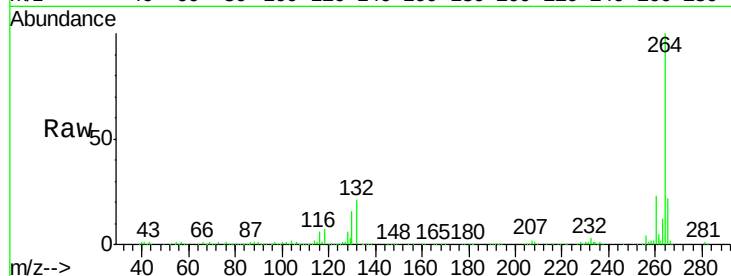




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.19 min Scan# 1496
Delta R.T. -0.25 min
Lab File: BF075554.D
Acq: 15 Nov 2014 21:28

Instrument :
BNA_F
ClientSampleId :
S32-FILL01

Tgt Ion: 264 Resp: 297510
Ion Ratio Lower Upper
264 100
260 23.1 17.9 26.9
265 21.8 16.3 24.5



#88
Benzo(k)fluoranthene
Concen: 2.18 ng
RT: 17.72 min Scan# 1455
Delta R.T. -0.26 min
Lab File: BF075554.D
Acq: 15 Nov 2014 21:28

Tgt Ion: 252 Resp: 31148
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 16.3 11.6 17.4

