

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075553.D
 Acq On : 15 Nov 2014 21:00
 Operator : TP / JJ
 Sample : F4670-01RE
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-004RE

Quant Time: Nov 16 06:12:25 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

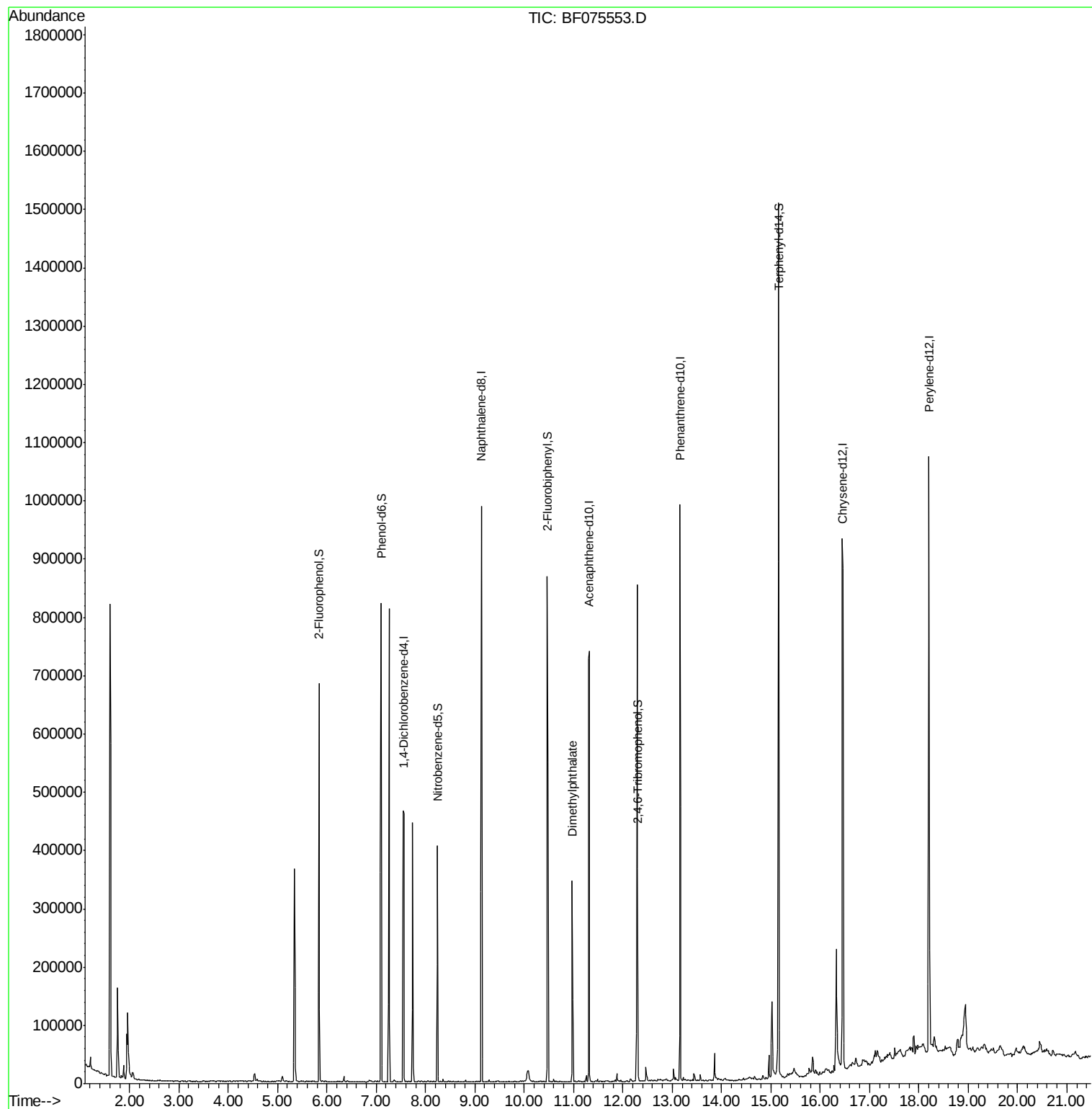
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	109255	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	466707	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	247603	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	420889	20.00	ng	-0.03
75) Chrysene-d12	16.46	240	482993	20.00	ng	-0.08
86) Perylene-d12	18.21	264	514931	20.00	ng	-0.23
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	195607	31.63	ng	-0.02
7) Phenol-d6	7.10	99	302534	40.68	ng	-0.01
23) Nitrobenzene-d5	8.24	82	139561	21.92	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	112172	54.09	ng	-0.02
44) 2-Fluorobiphenyl	10.47	172	351185	25.63	ng	-0.02
78) Terphenyl-d14	15.16	244	574507	32.02	ng	-0.03
Target Compounds						
49) Dimethylphthalate	10.97	163	160725	9.50	ng	Qvalue # 98

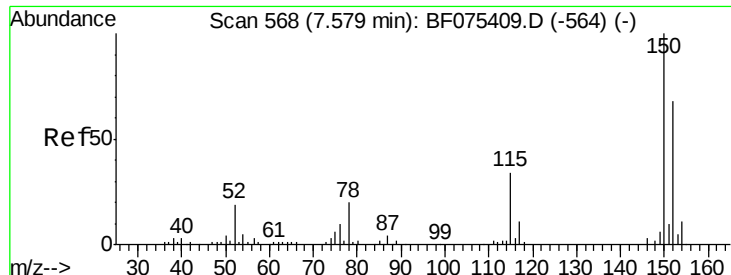
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF075553.D

Acq: 15 Nov 2014 21:00

Instrument :

BNA_F

ClientSampleId :

FS-004RE

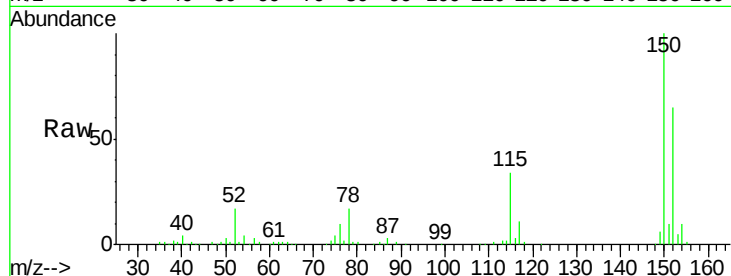
Tgt Ion:152 Resp: 109255

Ion Ratio Lower Upper

152 100

150 154.9 127.2 190.8

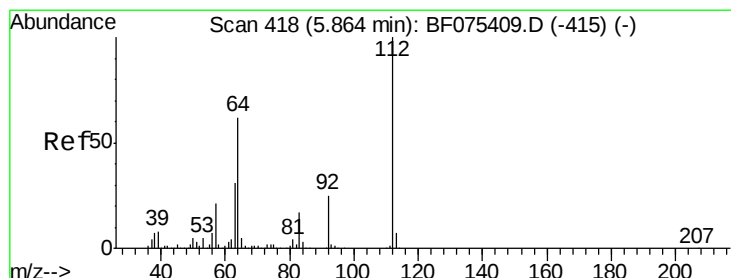
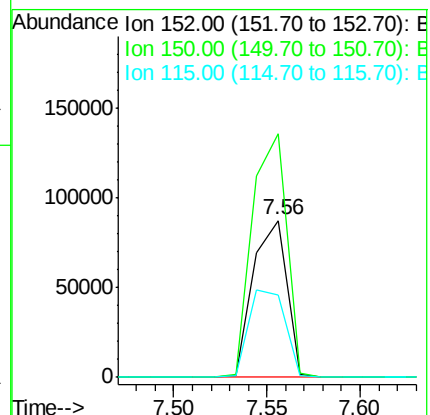
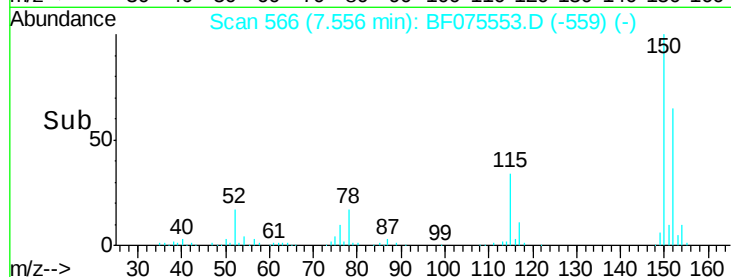
115 52.5 57.1 85.7#



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: 31.63 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075553.D

Acq: 15 Nov 2014 21:00

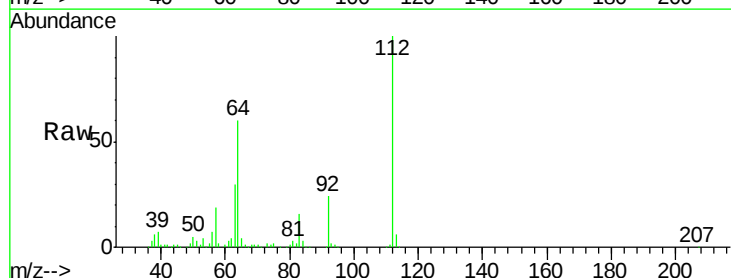
Tgt Ion:112 Resp: 195607

Ion Ratio Lower Upper

112 100

64 59.8 45.8 68.6

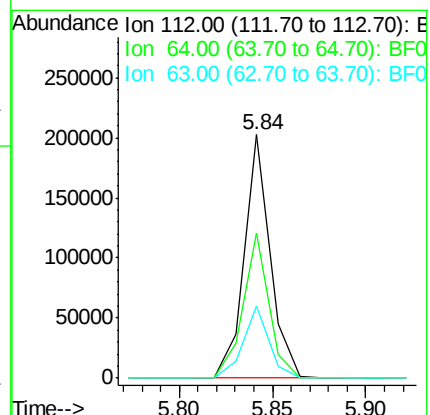
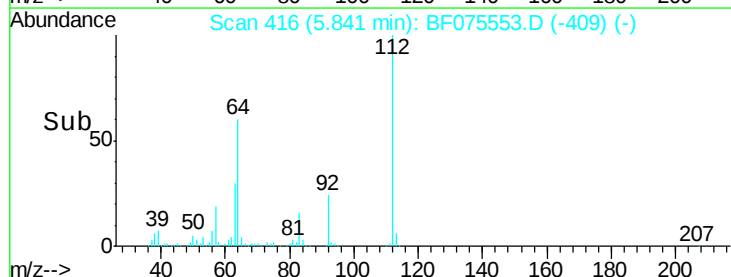
63 29.7 22.7 34.1

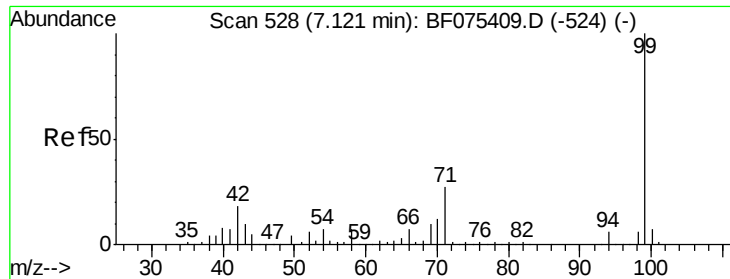


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.68 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075553.D

Acq: 15 Nov 2014 21:00

Instrument :

BNA_F

ClientSampleId :

FS-004RE

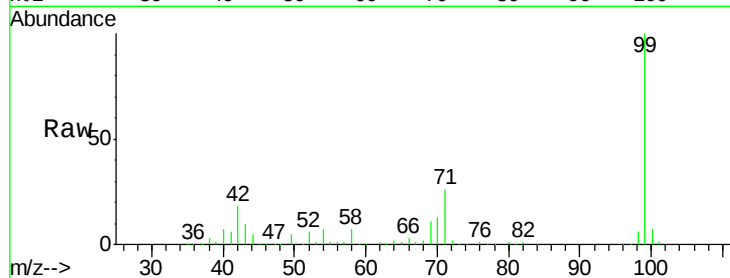
Tgt Ion: 99 Resp: 302534

Ion Ratio Lower Upper

99 100

42 18.3 19.8 29.6#

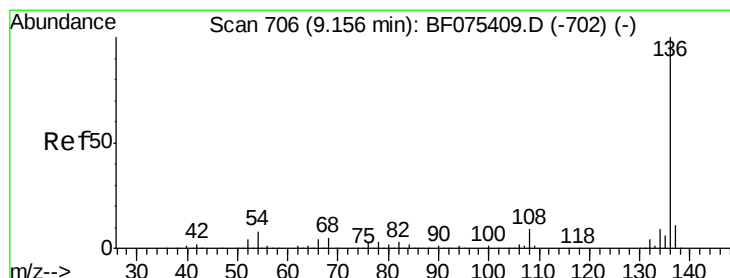
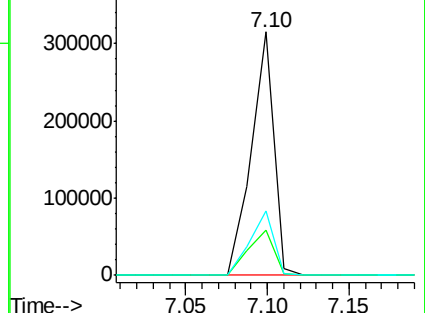
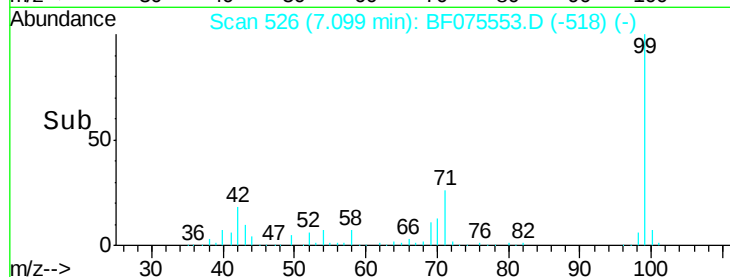
71 26.3 25.5 38.3



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: BF075553.D

Acq: 15 Nov 2014 21:00

Tgt Ion: 136 Resp: 466707

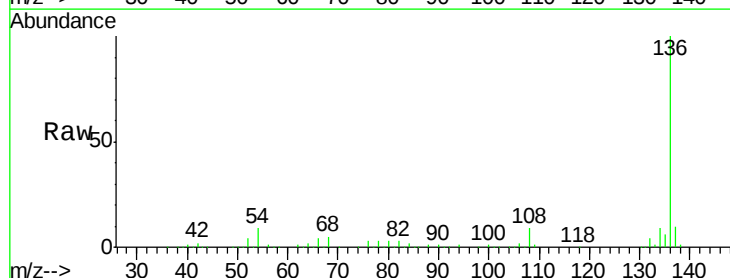
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

54 8.8 6.2 9.4

68 5.2 3.4 5.2#

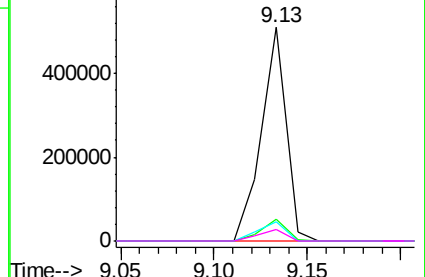
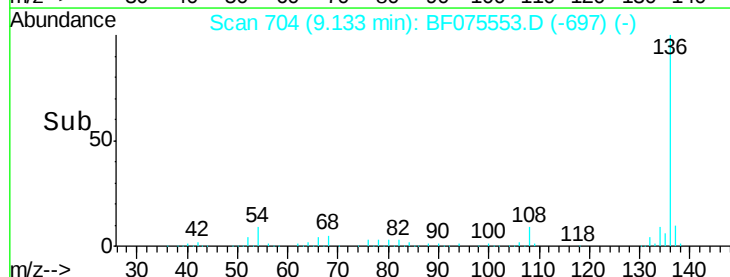


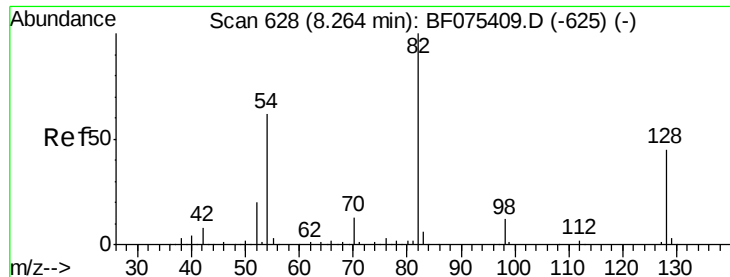
Abundance Ion 136.00 (135.70 to 136.70): E

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

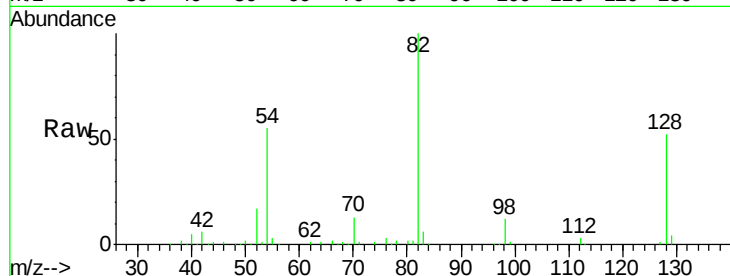




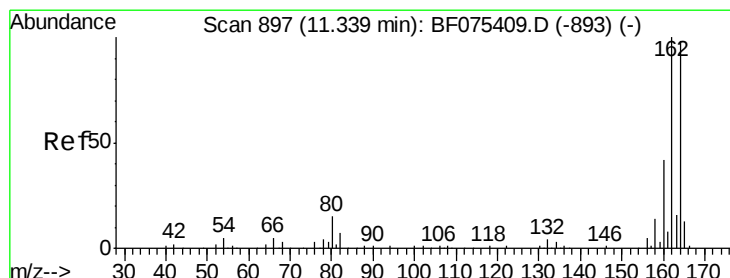
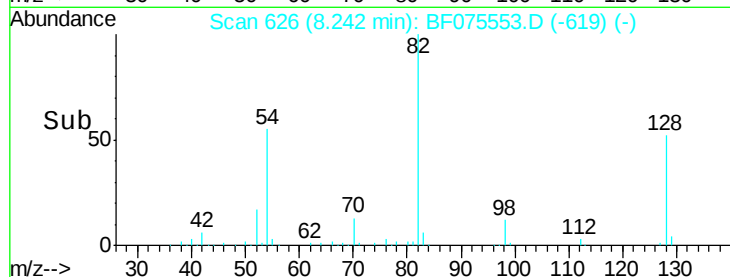
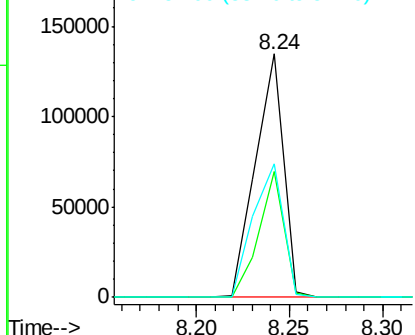
#23
 Nitrobenzene-d5
 Concen: 21.92 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF075553.D
 Acq: 15 Nov 2014 21:00

Instrument :
 BNA_F
 ClientSampleId :
 FS-004RE

Tgt Ion: 82 Resp: 139561
 Ion Ratio Lower Upper
 82 100
 128 51.6 37.8 56.6
 54 55.0 49.8 74.8

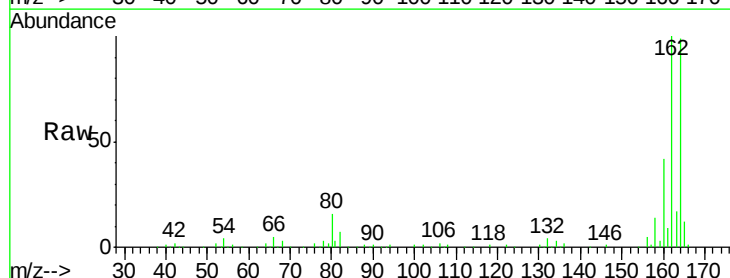


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

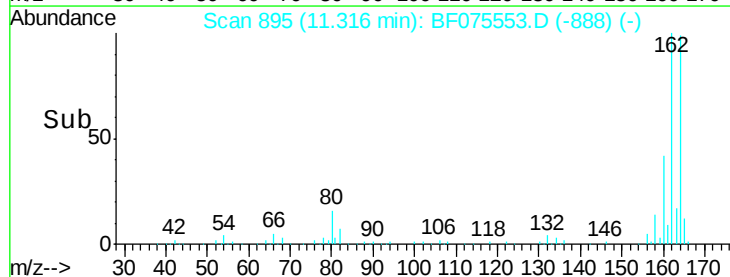
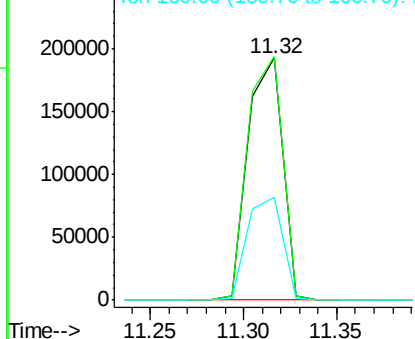


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF075553.D
 Acq: 15 Nov 2014 21:00

Tgt Ion: 164 Resp: 247603
 Ion Ratio Lower Upper
 164 100
 162 100.7 79.1 118.7
 160 42.5 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

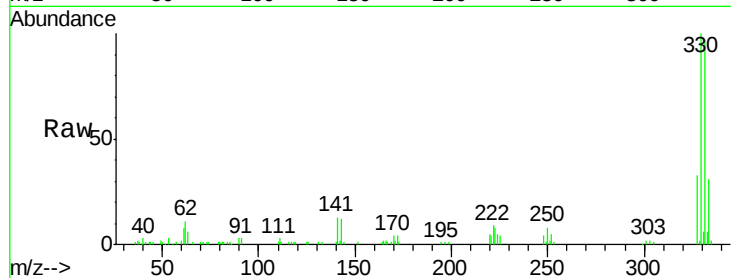




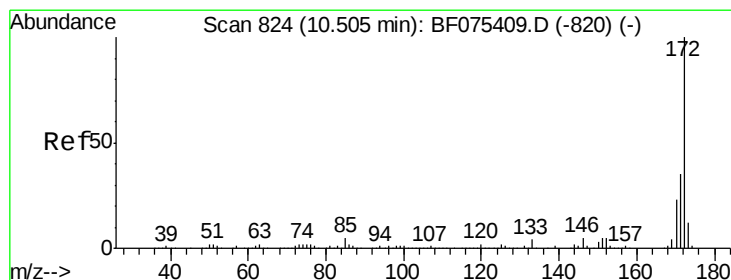
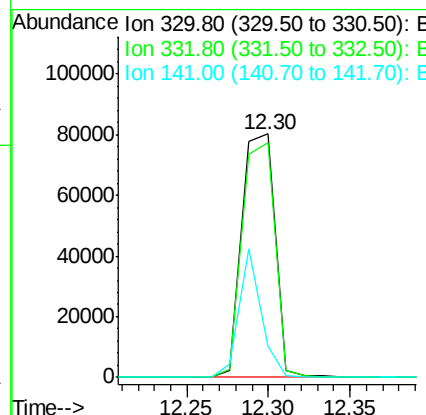
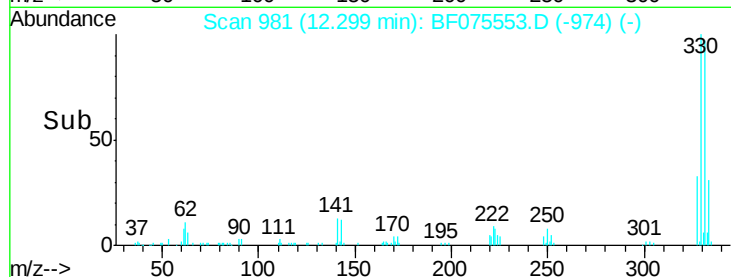
#41
 2,4,6-Tribromophenol
 Concen: 54.09 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF075553.D
 Acq: 15 Nov 2014 21:00

Instrument :
 BNA_F
 ClientSampleId :
 FS-004RE

Tgt Ion:330 Resp: 112172
 Ion Ratio Lower Upper
 330 100
 332 95.6 74.5 111.7
 141 35.2 30.7 46.1

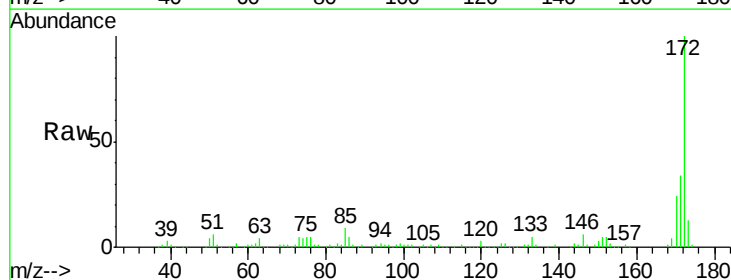


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

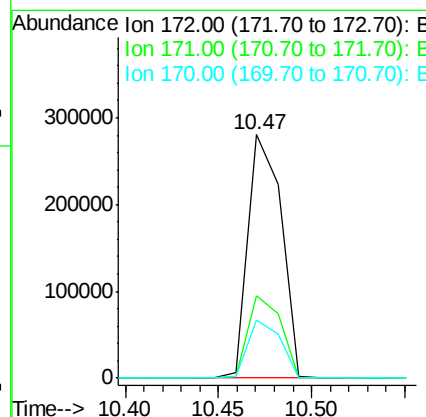
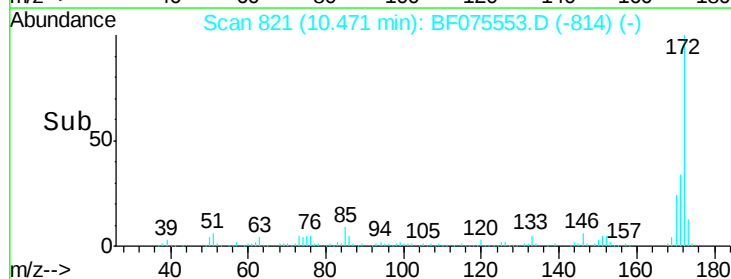


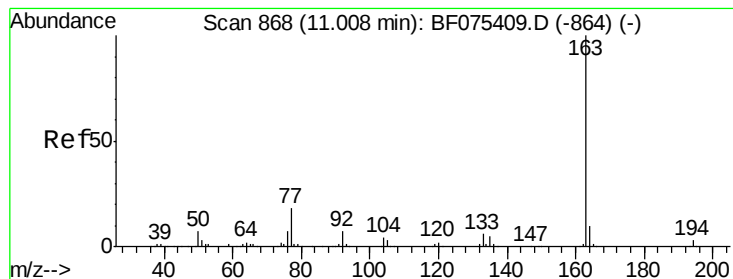
#44
 2-Fluorobiphenyl
 Concen: 25.63 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF075553.D
 Acq: 15 Nov 2014 21:00

Tgt Ion:172 Resp: 351185
 Ion Ratio Lower Upper
 172 100
 171 34.0 27.3 40.9
 170 23.8 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





#49

Dimethylphthalate

Concen: 9.50 ng

RT: 10.97 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF075553.D

Acq: 15 Nov 2014 21:00

Instrument :

BNA_F

ClientSampleId :

FS-004RE

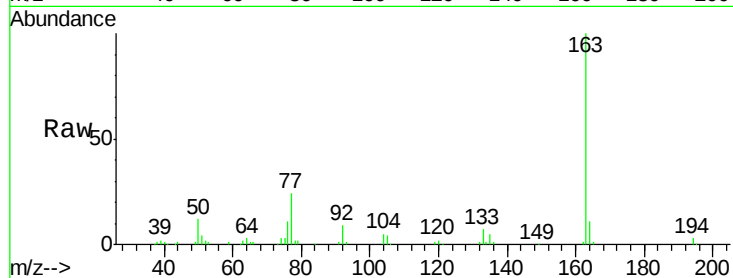
Tgt Ion:163 Resp: 160725

Ion Ratio Lower Upper

163 100

194 2.7 2.7 4.1#

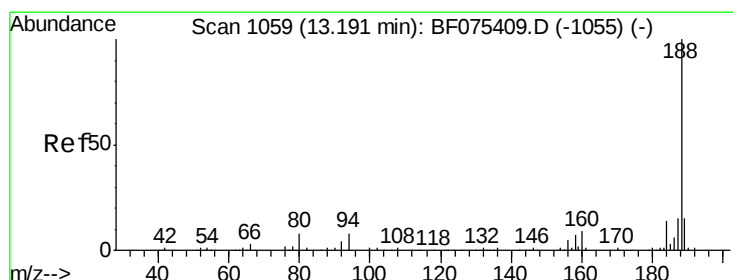
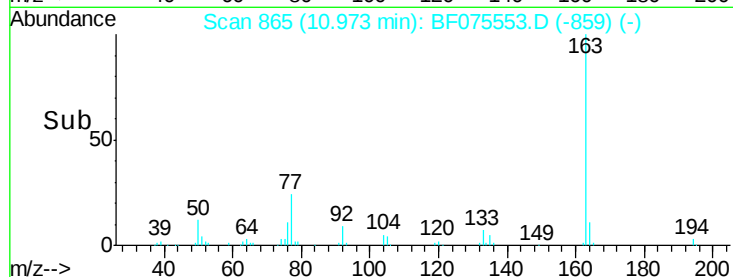
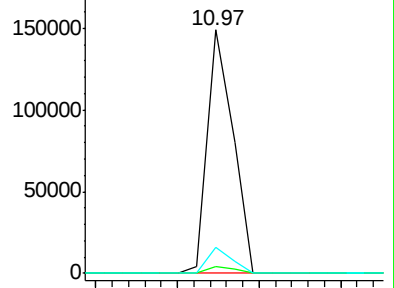
164 10.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.16 min Scan# 1056

Delta R.T. -0.03 min

Lab File: BF075553.D

Acq: 15 Nov 2014 21:00

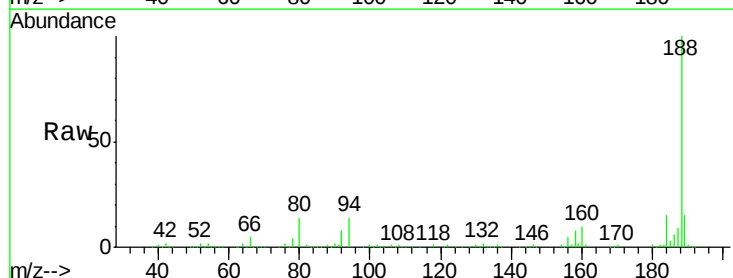
Tgt Ion:188 Resp: 420889

Ion Ratio Lower Upper

188 100

94 13.6 7.8 11.6#

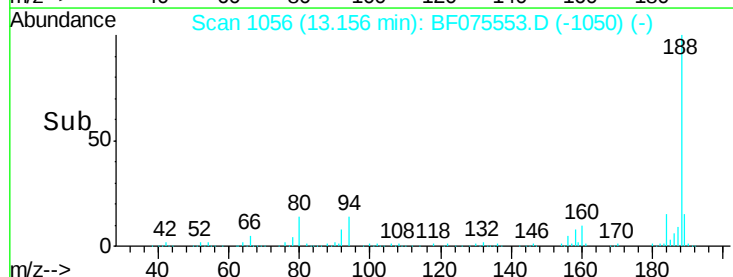
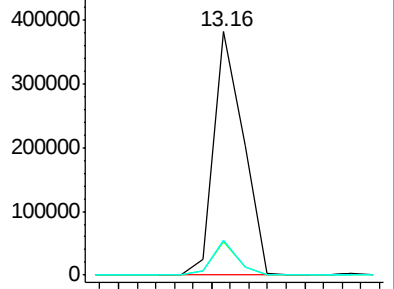
80 14.4 8.0 12.0#

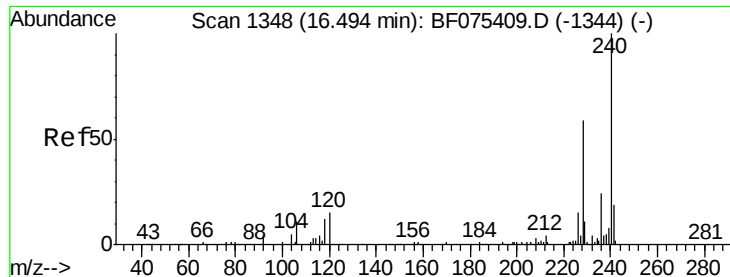


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.08 min

Lab File: BF075553.D

Acq: 15 Nov 2014 21:00

Instrument :

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ClientSampleId :

FS-004RE

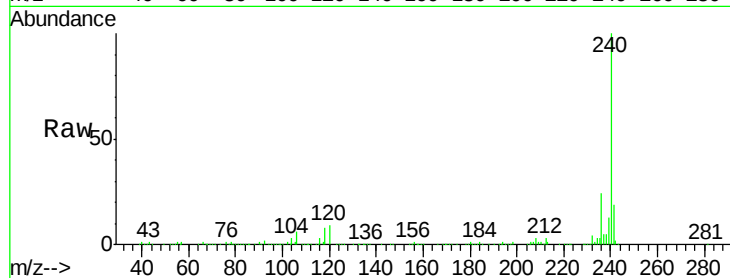
Tgt Ion:240 Resp: 482993

Ion Ratio Lower Upper

240 100

120 8.9 9.6 14.4#

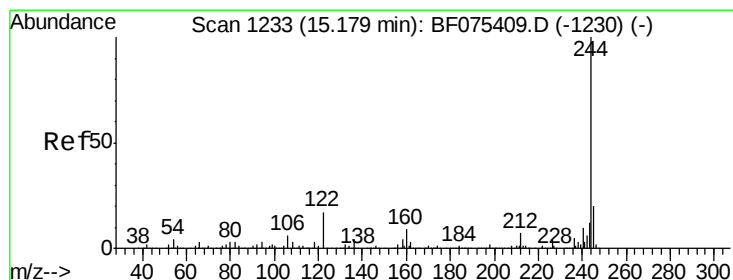
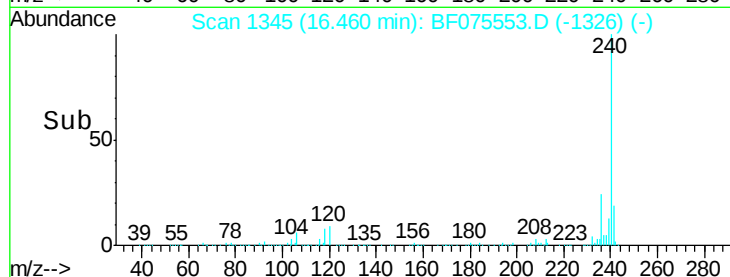
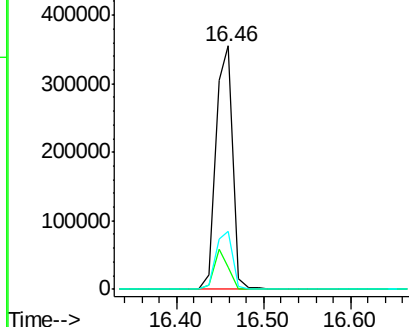
236 23.7 18.9 28.3



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: 32.02 ng

RT: 15.16 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BF075553.D

Acq: 15 Nov 2014 21:00

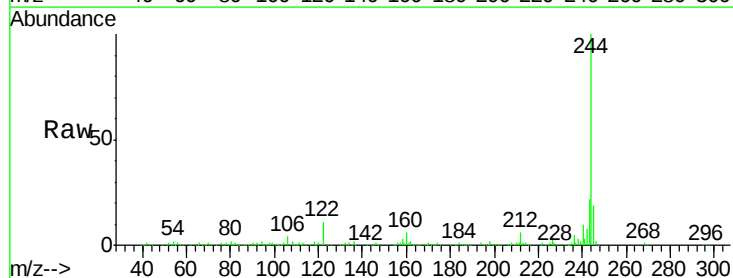
Tgt Ion:244 Resp: 574507

Ion Ratio Lower Upper

244 100

212 6.1 5.5 8.3

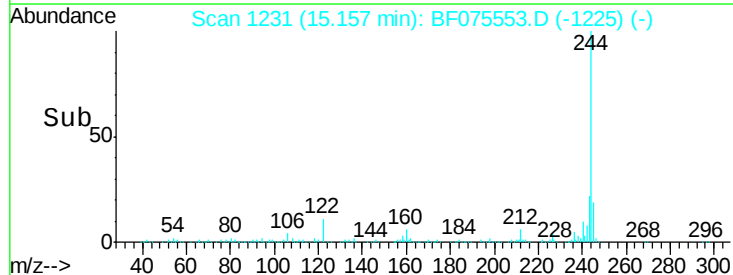
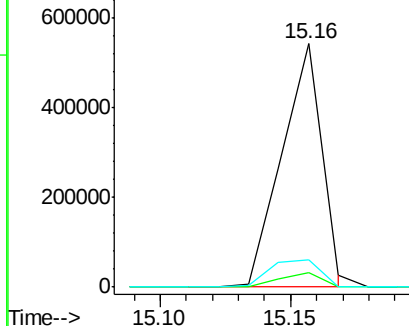
122 11.2 9.7 14.5

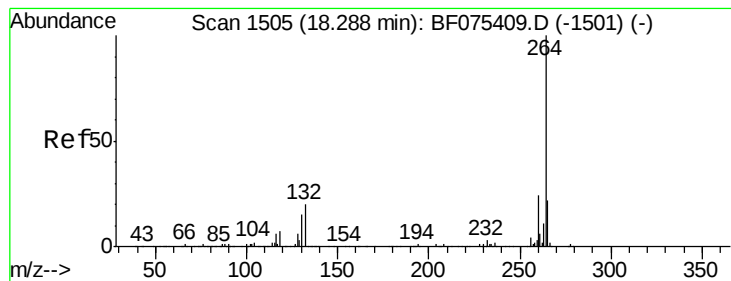


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.21 min Scan# 1498

Delta R.T. -0.23 min

Lab File: BF075553.D

Acq: 15 Nov 2014 21:00

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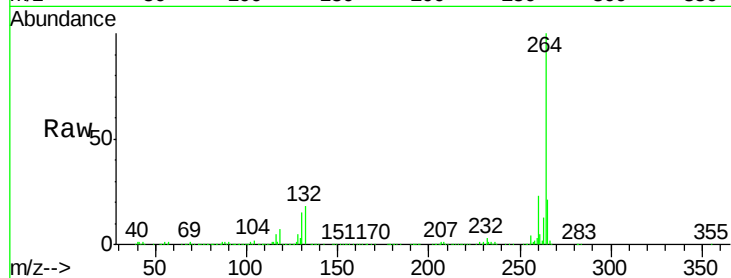
Tgt Ion: 264 Resp: 514931

Ion Ratio Lower Upper

264 100

260 23.2 17.9 26.9

265 21.1 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

