

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075528.D
 Acq On : 15 Nov 2014 8:47
 Operator : TP / JJ
 Sample : F4695-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB111014

Quant Time: Nov 16 02:57:49 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	7.54	152	90648	20.00	ng	-0.01
21) Naphthalene-d8	9.13	136	392807	20.00	ng	0.00
38) Acenaphthene-d10	11.30	164	202305	20.00	ng	-0.01
63) Phenanthrene-d10	13.16	188	332831	20.00	ng	0.00
75) Chrysene-d12	16.45	240	346356	20.00	ng	-0.01
86) Perylene-d12	18.20	264	362070	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	225315	43.91	ng	0.01
7) Phenol-d6	7.09	99	176178	28.55	ng	0.00
23) Nitrobenzene-d5	8.24	82	360409	67.27	ng	0.00
41) 2,4,6-Tribromophenol	12.29	330	144898	85.51	ng	-0.01
44) 2-Fluorobiphenyl	10.47	172	689387	61.58	ng	-0.01
78) Terphenyl-d14	15.16	244	715979	55.65	ng	0.00

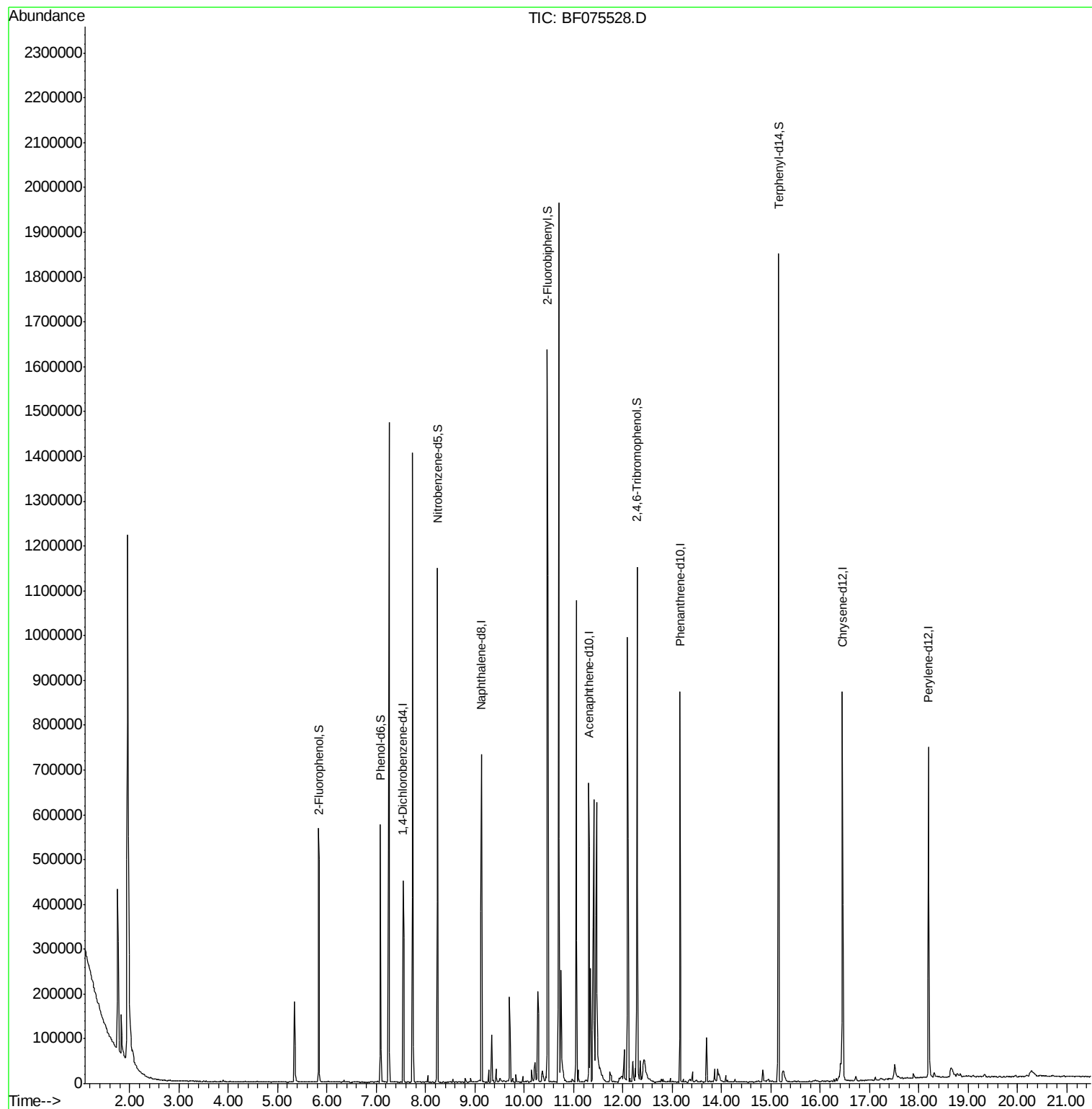
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF075528.D

Acq: 15 Nov 2014 8:47

Instrument :

BNA_F

ClientSampleId :

FB111014

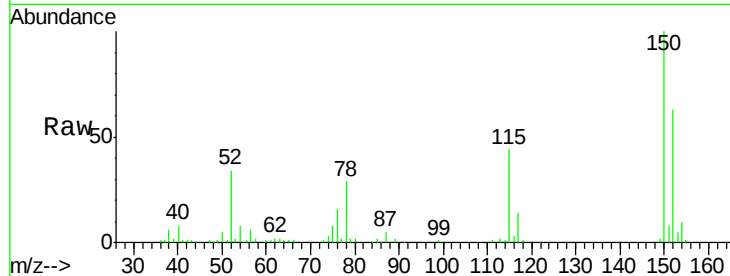
Tot Ion:152 Resp: 90648

Ion Ratio Lower Upper

152 100

150 159.0 127.2 190.8

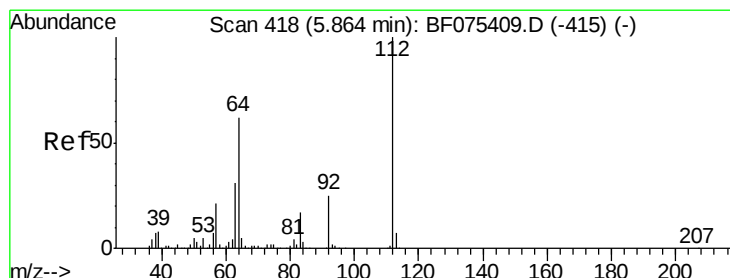
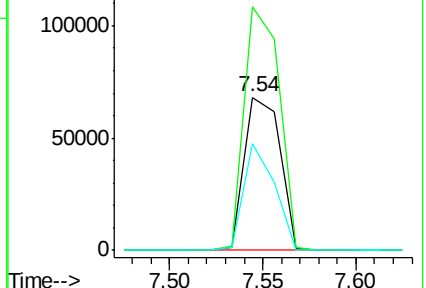
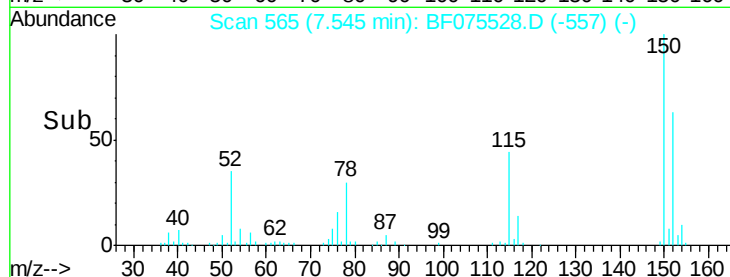
115 70.0 57.1 85.7



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: 43.91 ng

RT: 5.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF075528.D

Acq: 15 Nov 2014 8:47

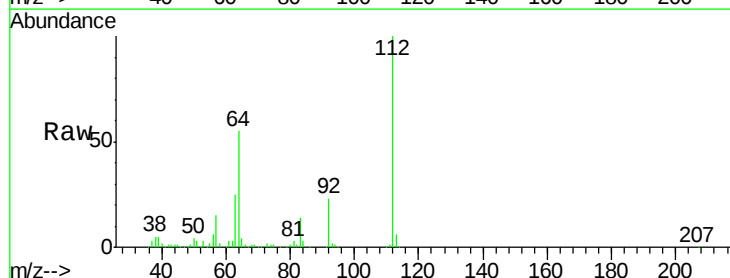
Tgt Ion:112 Resp: 225315

Ion Ratio Lower Upper

112 100

64 54.9 45.8 68.6

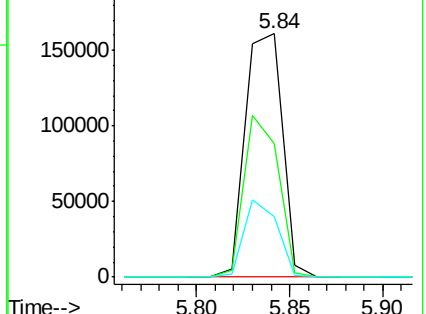
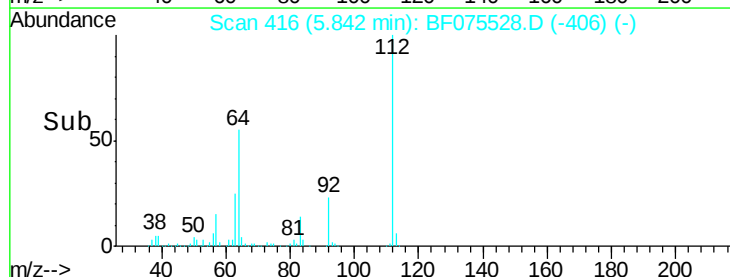
63 25.1 22.7 34.1

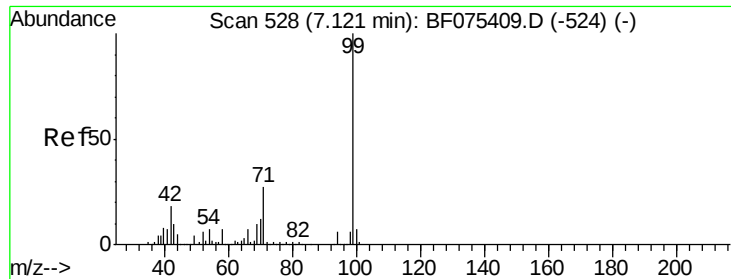


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.55 ng

RT: 7.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF075528.D

Acq: 15 Nov 2014 8:47

Instrument :

BNA_F

ClientSampled :

FB111014

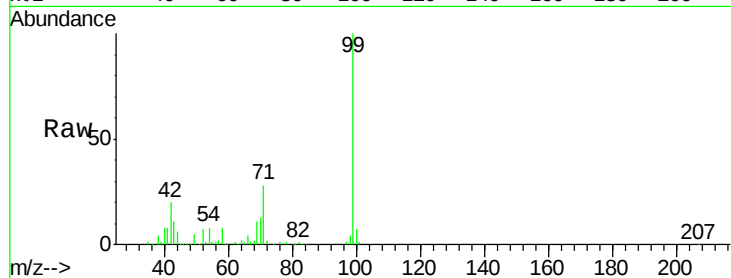
Tot Ion: 99 Resp: 176178

Ion Ratio Lower Upper

99 100

42 20.1 19.8 29.6

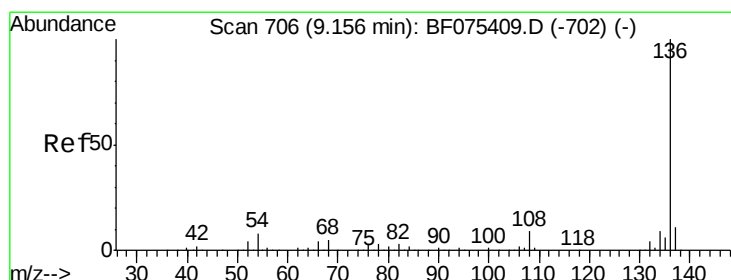
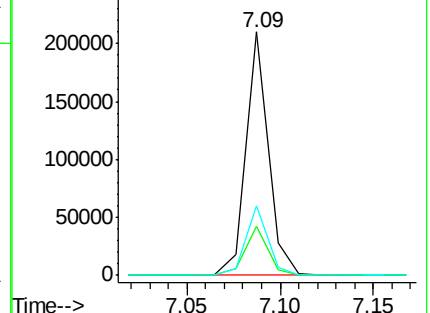
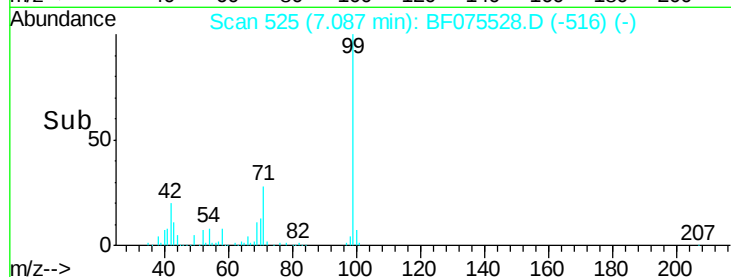
71 28.4 25.5 38.3



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. 0.00 min

Lab File: BF075528.D

Acq: 15 Nov 2014 8:47

Tgt Ion: 136 Resp: 392807

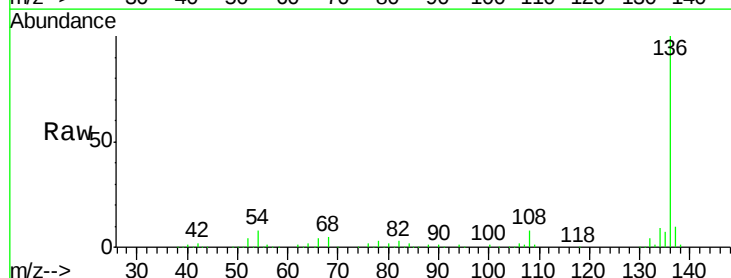
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 7.6 6.2 9.4

68 4.9 3.4 5.2

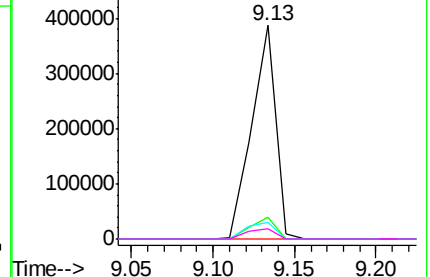
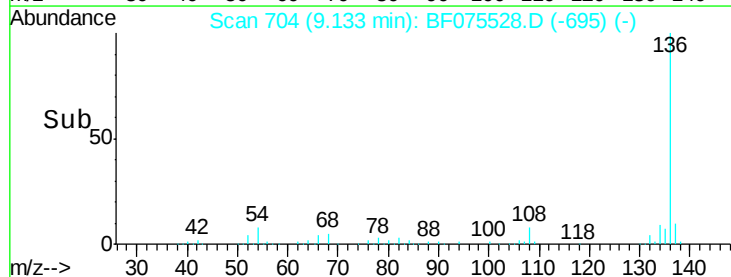


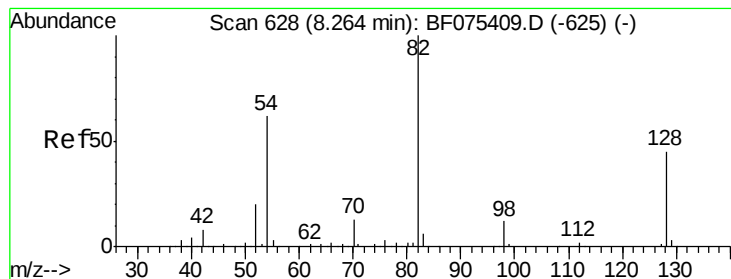
Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.27 ng

RT: 8.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF075528.D

Acq: 15 Nov 2014 8:47

Instrument :

BNA_F

ClientSampleId :

FB111014

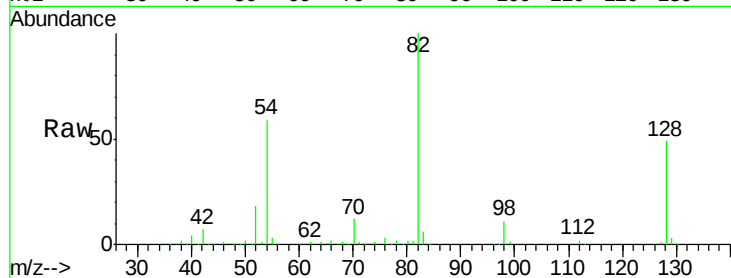
Tot Ion: 82 Resp: 360409

Ion Ratio Lower Upper

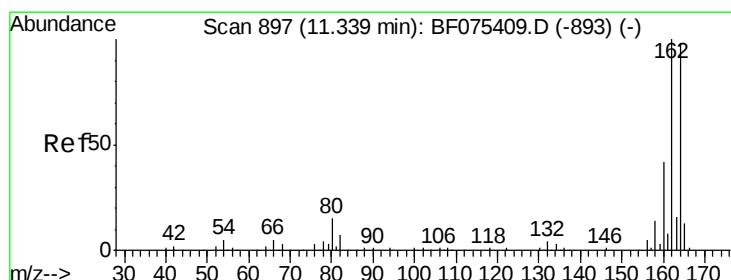
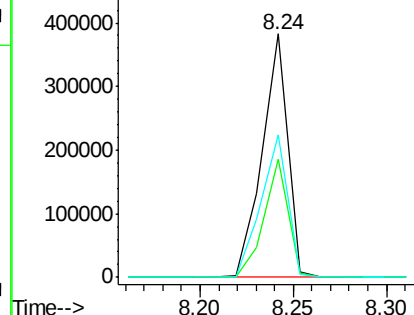
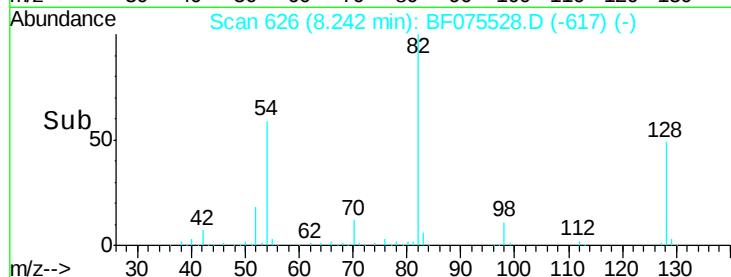
82 100

128 48.7 37.8 56.6

54 58.6 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. -0.01 min

Lab File: BF075528.D

Acq: 15 Nov 2014 8:47

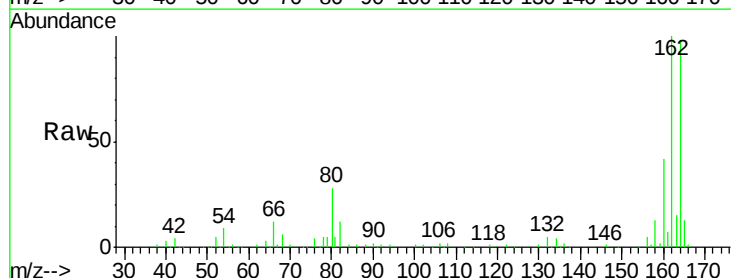
Tgt Ion:164 Resp: 202305

Ion Ratio Lower Upper

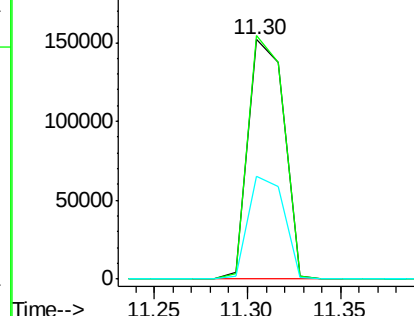
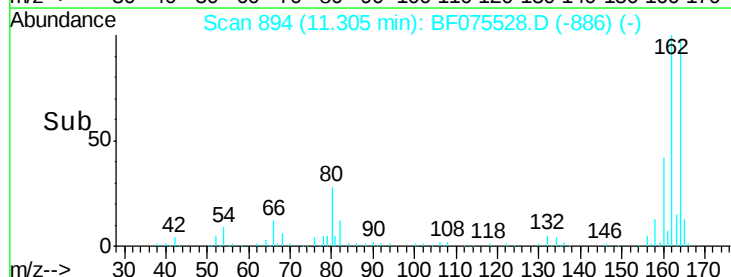
164 100

162 101.8 79.1 118.7

160 42.7 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

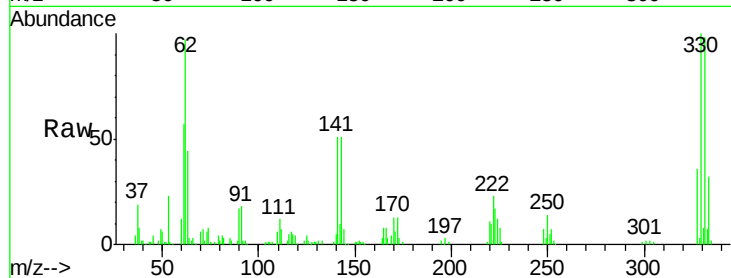




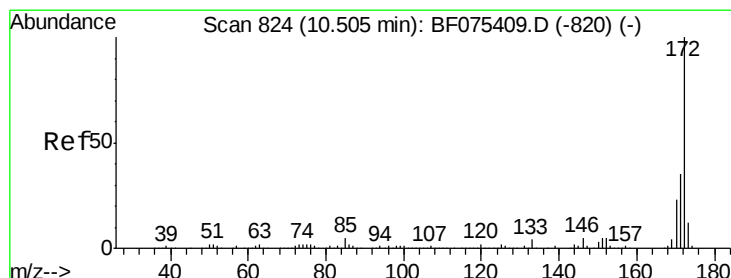
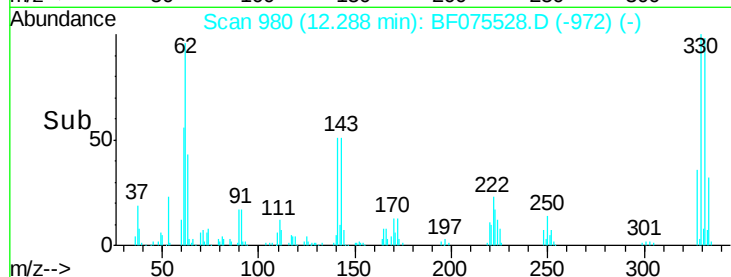
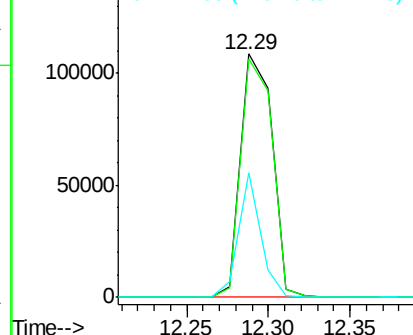
#41
 2,4,6-Tribromophenol
 Concen: 85.51 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF075528.D
 Acq: 15 Nov 2014 8:47

Instrument :
 BNA_F
 ClientSampleId :
 FB111014

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	74.5	111.7
141	35.6	30.7	46.1

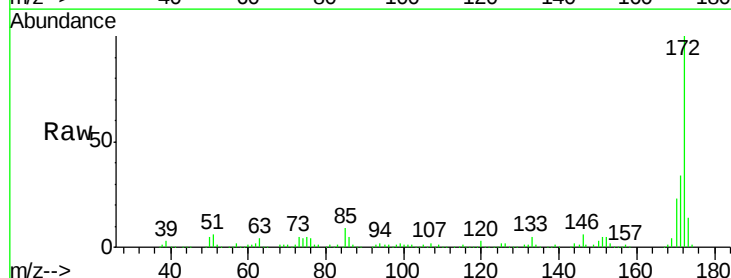


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

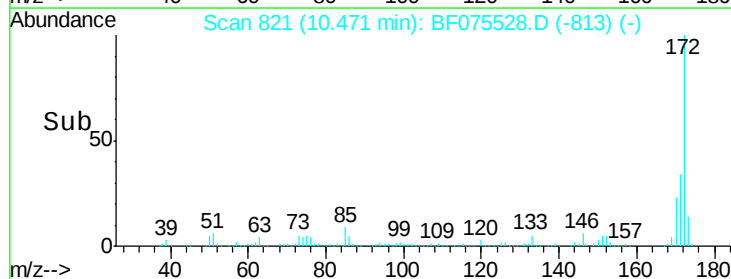
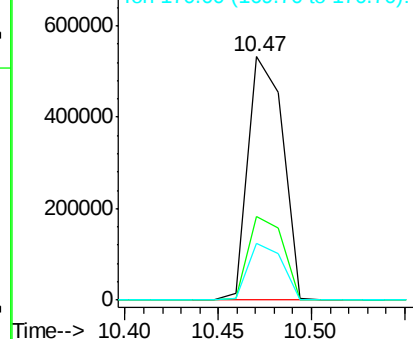


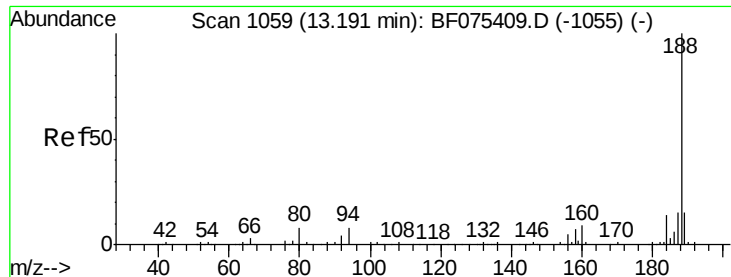
#44
 2-Fluorobiphenyl
 Concen: 61.58 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF075528.D
 Acq: 15 Nov 2014 8:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.3	40.9
170	23.3	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

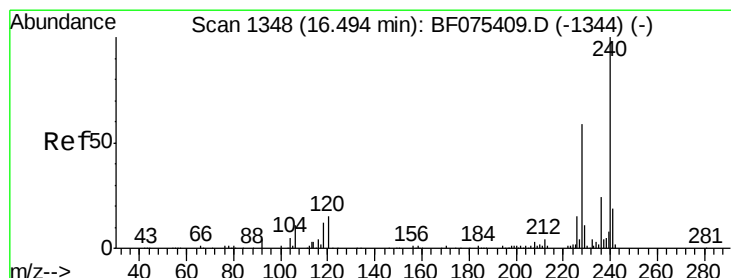
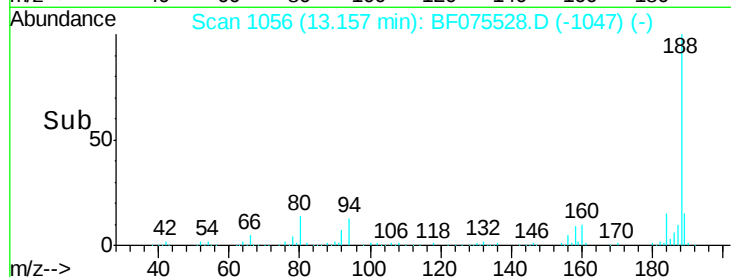
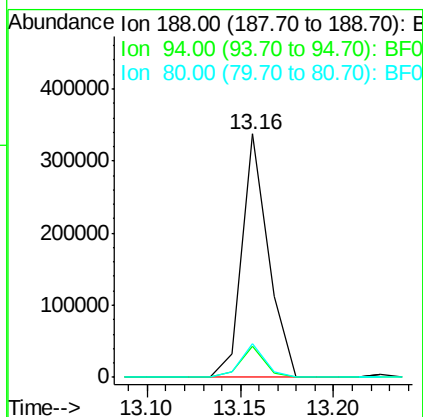
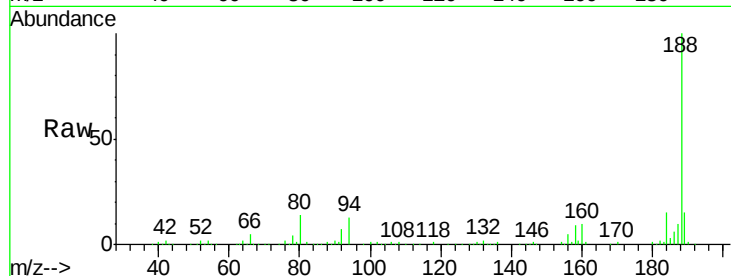




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF075528.D
Acq: 15 Nov 2014 8:47

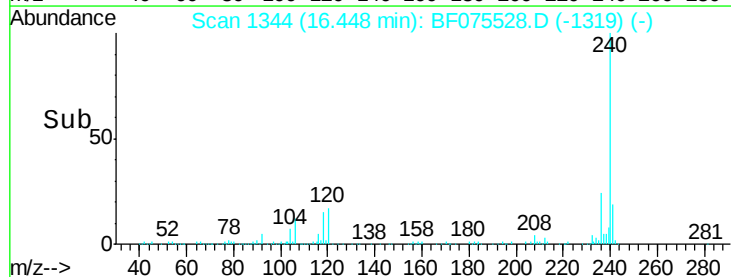
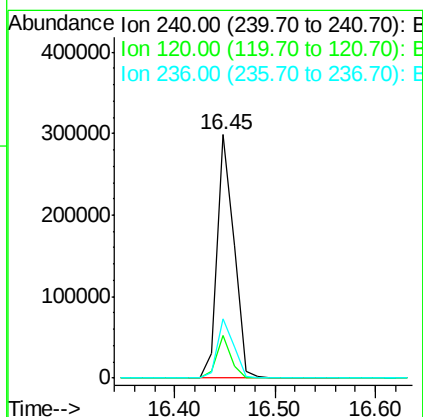
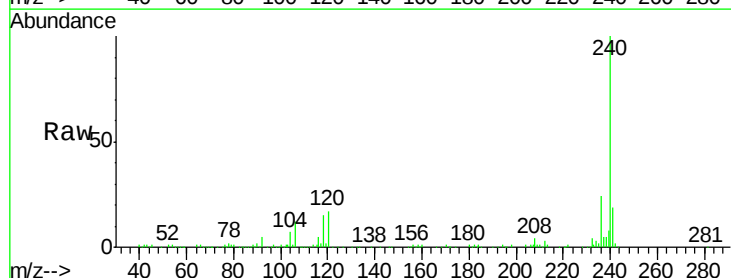
Instrument :
BNA_F
ClientSampleId :
FB111014

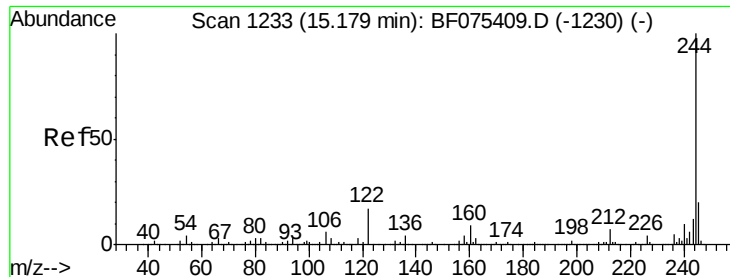
Tot Ion:188 Resp: 332831
Ion Ratio Lower Upper
188 100
94 13.0 7.8 11.6#
80 14.0 8.0 12.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF075528.D
Acq: 15 Nov 2014 8:47

Tgt Ion:240 Resp: 346356
Ion Ratio Lower Upper
240 100
120 17.3 9.6 14.4#
236 24.4 18.9 28.3





#78

Terphenyl-d14

Concen: 55.65 ng

RT: 15.16 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF075528.D

Acq: 15 Nov 2014 8:47

Instrument :

BNA_F

ClientSampleId :

FB111014

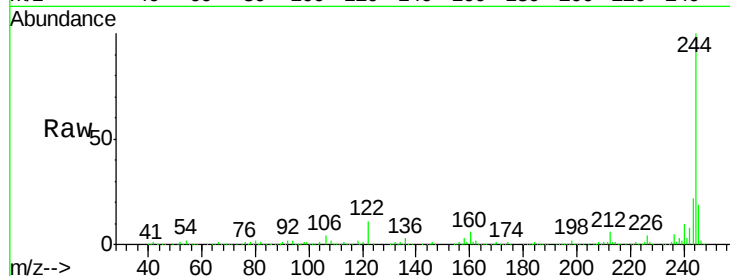
Tot Ion:244 Resp: 715979

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

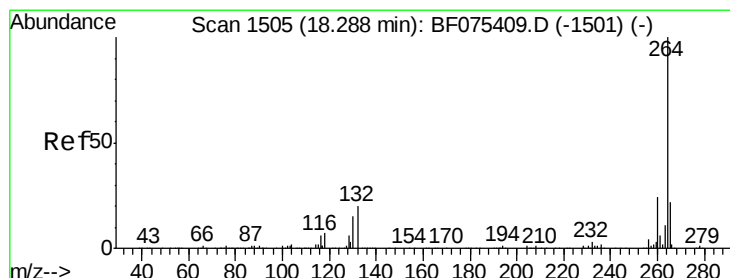
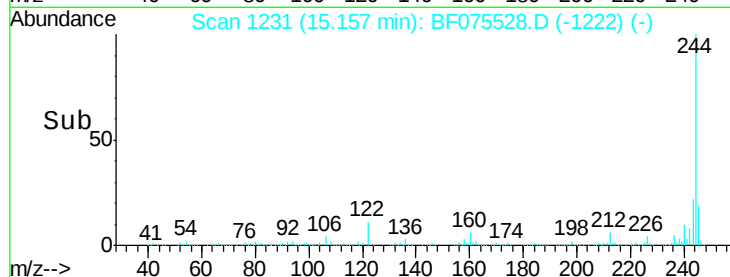
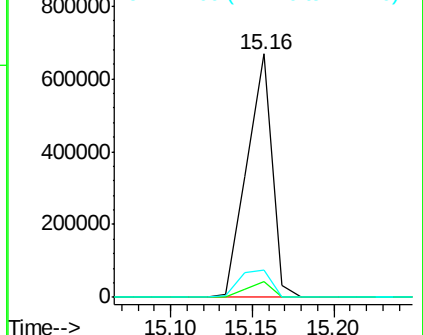
122 11.4 9.7 14.5



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: 18.20 min Scan# 1497

Delta R.T. -0.03 min

Lab File: BF075528.D

Acq: 15 Nov 2014 8:47

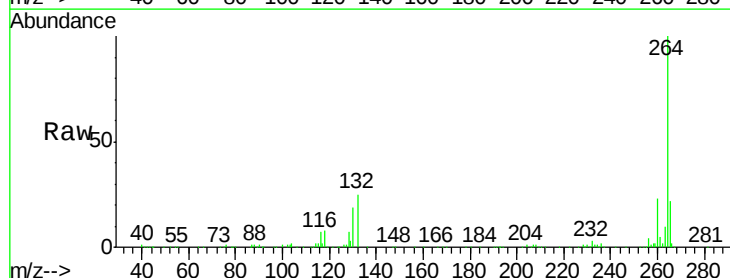
Tgt Ion:264 Resp: 362070

Ion Ratio Lower Upper

264 100

260 22.8 17.9 26.9

265 21.7 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

