

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092855.D
 Acq On : 8 Feb 2017 16:09
 Operator : SJ/MA
 Sample : PB96810BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BL

Quant Time: Feb 08 23:53:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	153667	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	588121	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	363740	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	599646	20.00	ng	0.00
75) Chrysene-d12	14.05	240	490383	20.00	ng	-0.01
86) Perylene-d12	15.51	264	414982	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	763010	85.19	ng	0.01
7) Phenol-d6	6.53	99	895425	77.70	ng	0.00
23) Nitrobenzene-d5	7.46	82	783902	74.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	216276	82.21	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1563198	77.86	ng	0.00
78) Terphenyl-d14	13.01	244	1525565	73.10	ng	0.00

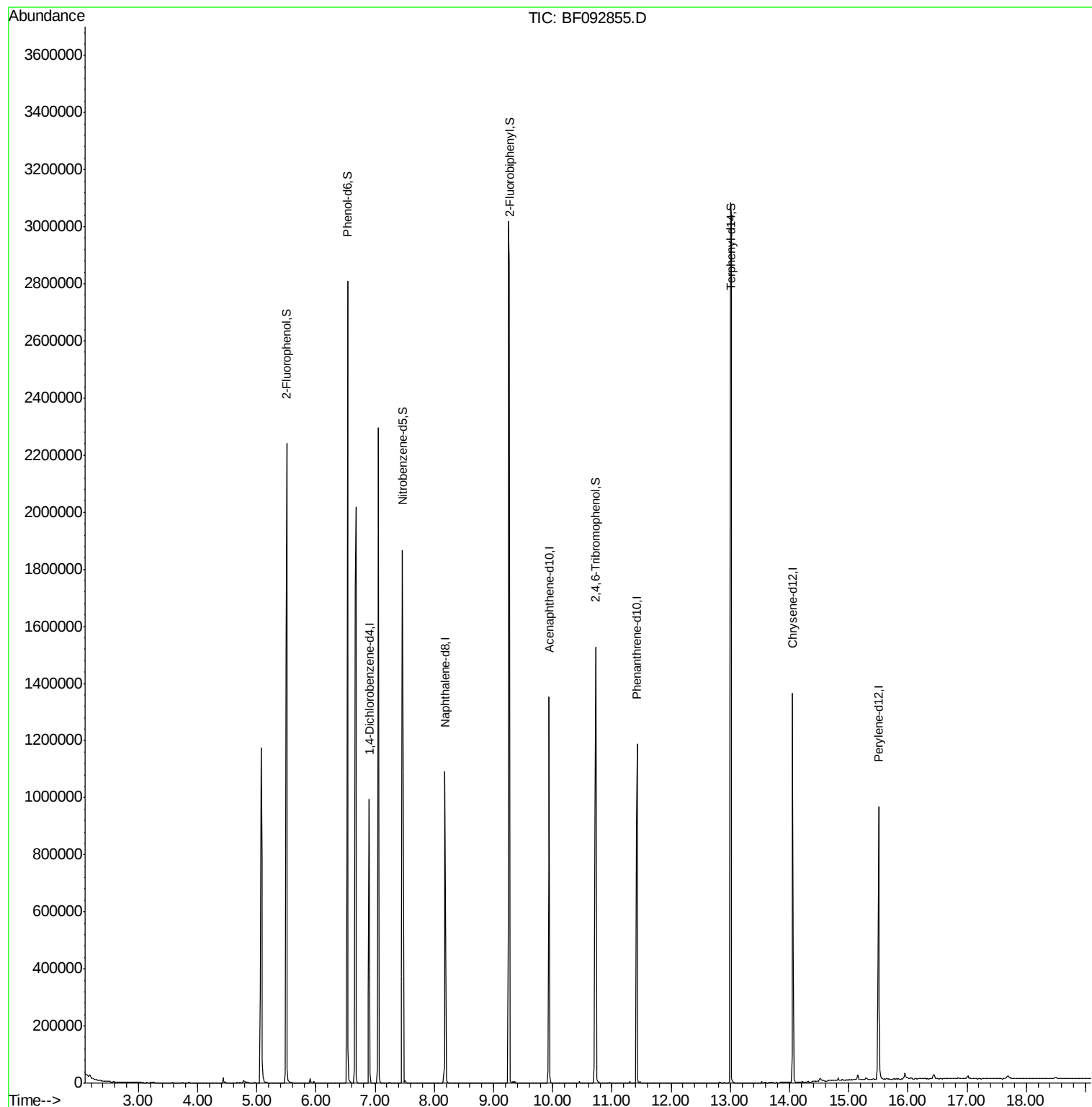
Target Compounds Qvalue

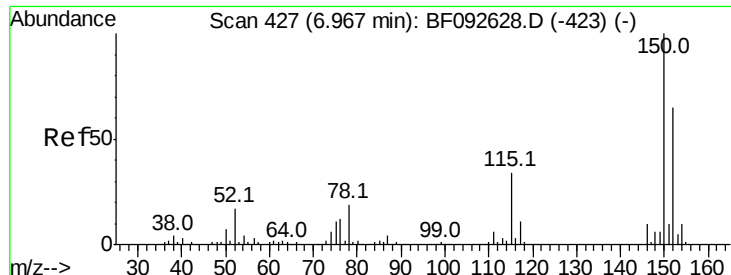
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF092855.D

Acq: 8 Feb 2017 16:09

Instrument :

BNA_F

ClientSampleId :

PB96810BL

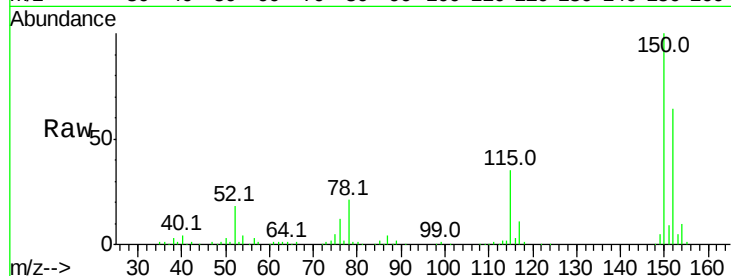
Tot Ion:152 Resp: 153667

Ion Ratio Lower Upper

152 100

150 157.4 124.9 187.3

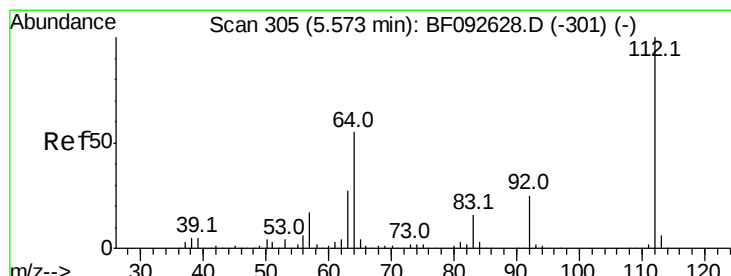
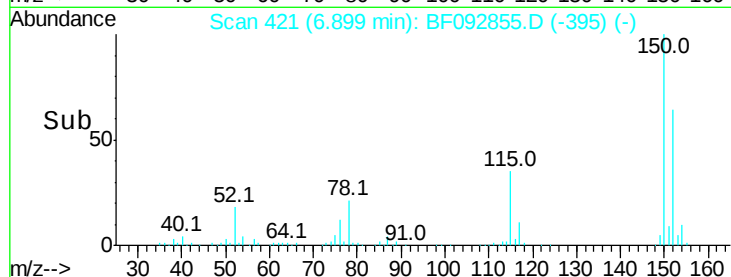
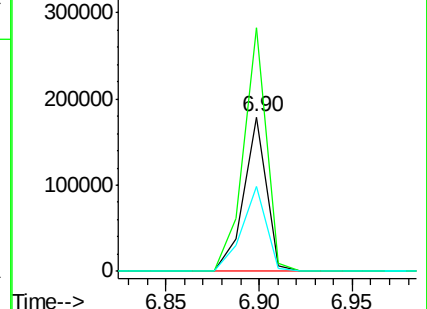
115 54.9 46.0 69.0



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: 85.19 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF092855.D

Acq: 8 Feb 2017 16:09

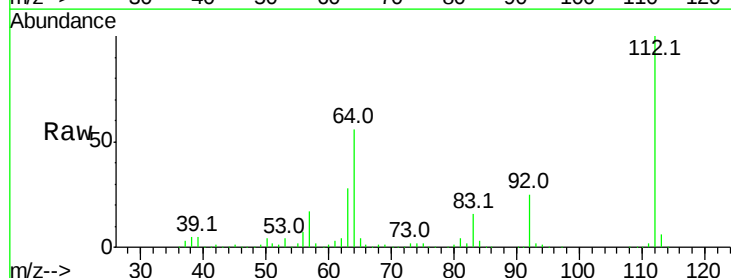
Tgt Ion:112 Resp: 763010

Ion Ratio Lower Upper

112 100

64 56.3 46.1 69.1

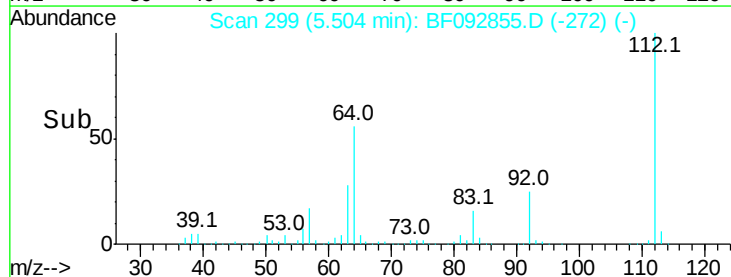
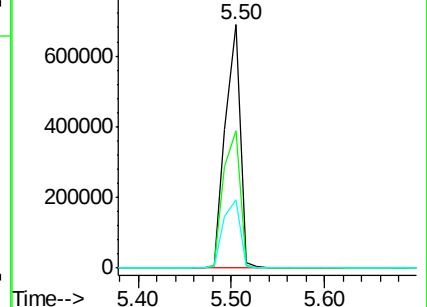
63 27.9 23.8 35.6



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: 77.70 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092855.D

Acq: 8 Feb 2017 16:09

Instrument :

BNA_F

ClientSampleId :

PB96810BL

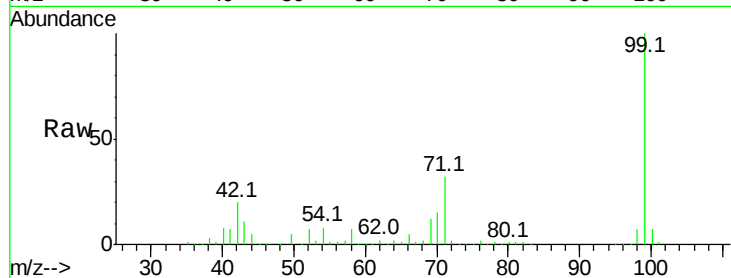
Tot Ion: 99 Resp: 895425

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

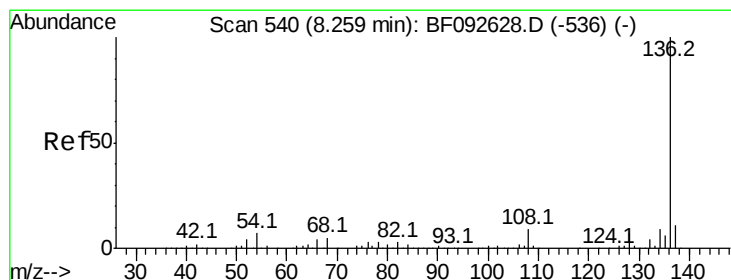
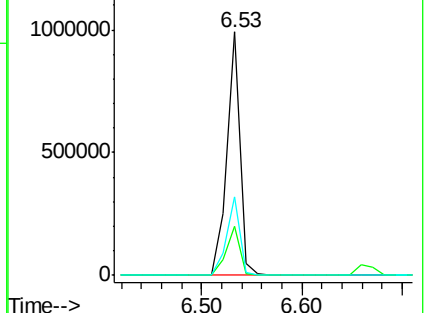
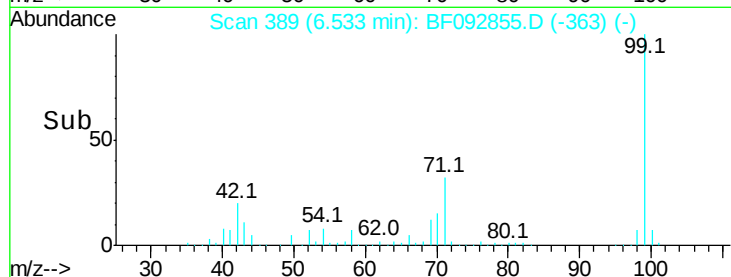
71 32.3 27.5 41.3



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: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092855.D

Acq: 8 Feb 2017 16:09

Tgt Ion: 136 Resp: 588121

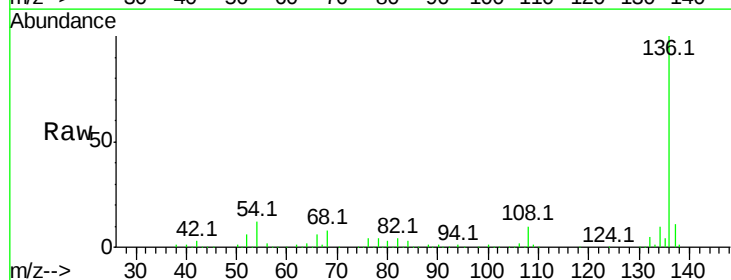
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 12.2 4.5 6.7#

68 7.7 3.6 5.4#

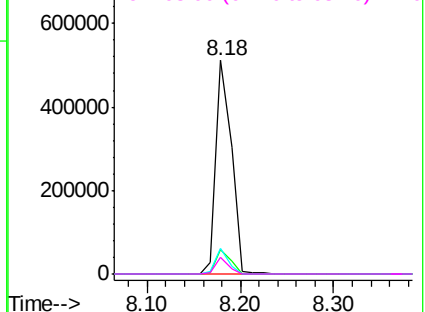
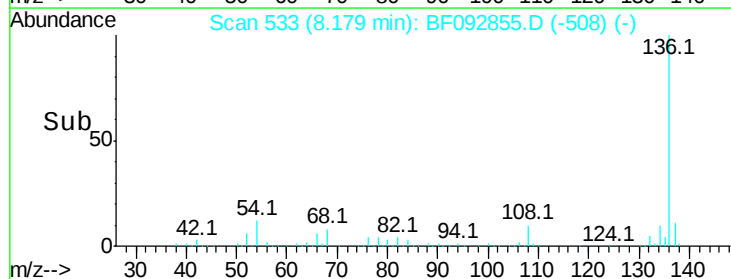


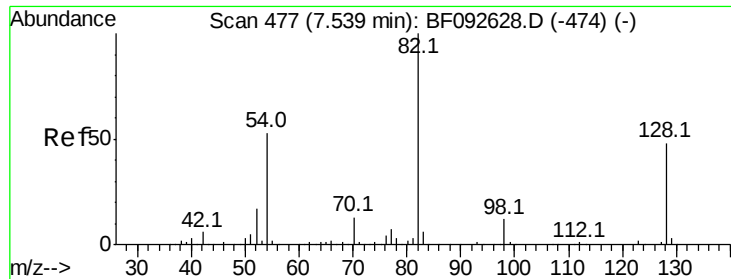
Abundance Ion 136.00 (135.70 to 136.70): E

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

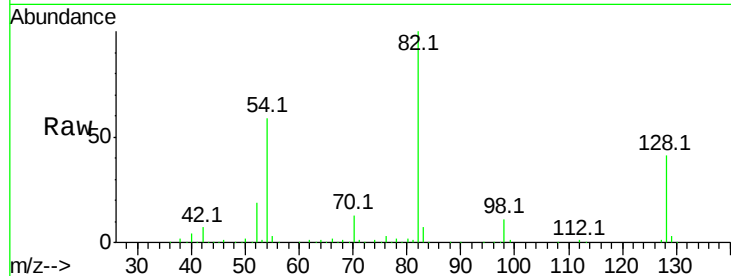




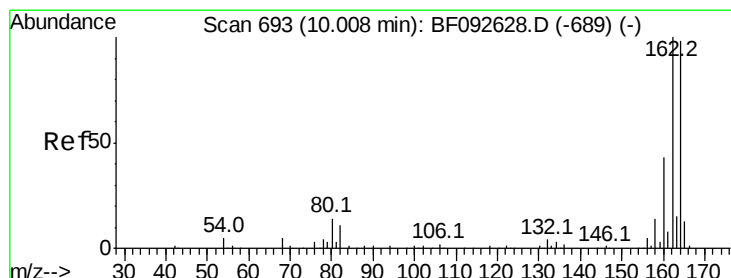
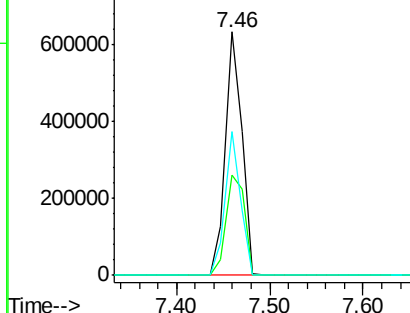
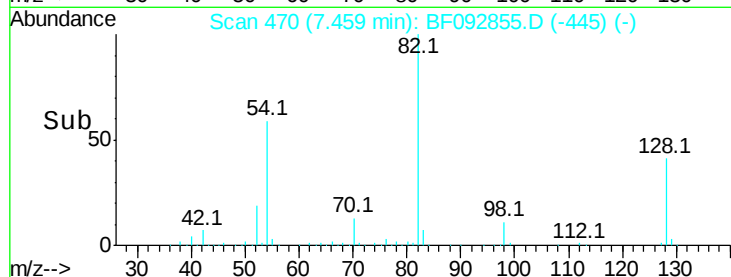
#23
 Nitrobenzene-d5
 Concen: 74.23 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF092855.D
 Acq: 8 Feb 2017 16:09

Instrument :
 BNA_F
 ClientSampled :
 PB96810BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	58.9	39.5	59.3

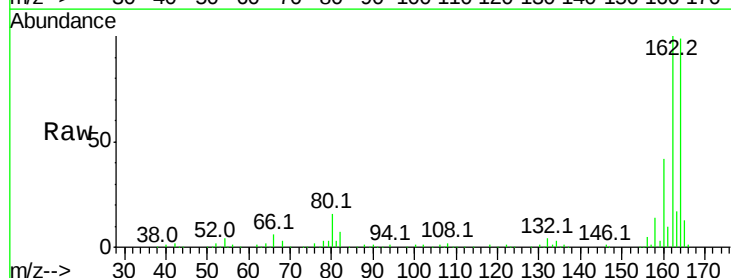


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

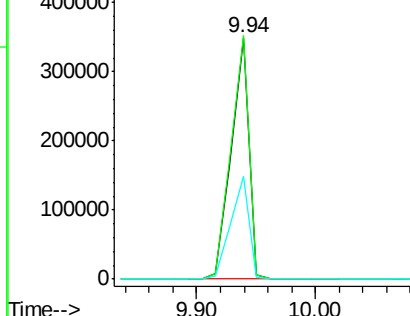
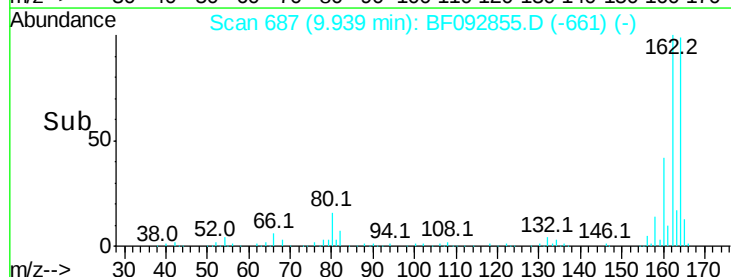


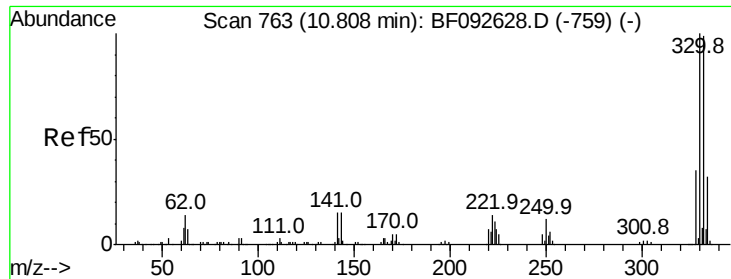
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF092855.D
 Acq: 8 Feb 2017 16:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	42.7	36.9	55.3



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

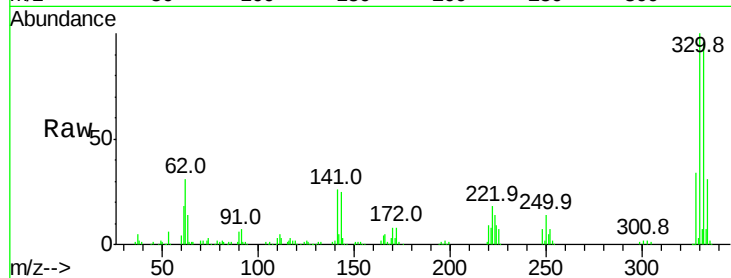




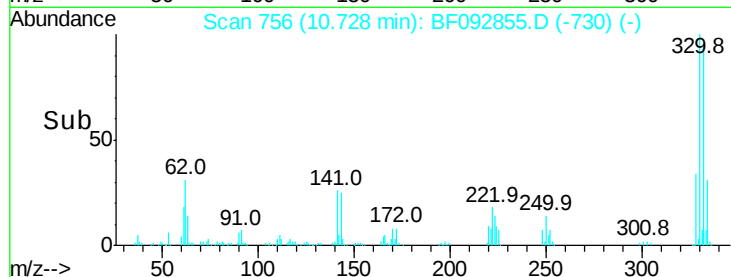
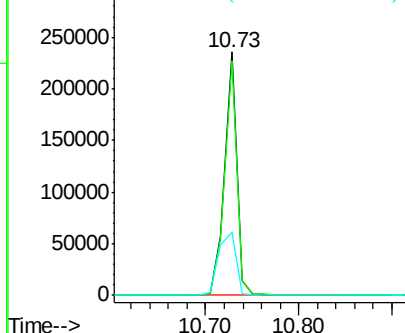
#41
 2,4,6-Tribromophenol
 Concen: 82.21 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF092855.D
 Acq: 8 Feb 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BL

Tot Ion:330 Resp: 216276
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 37.1 34.1 51.1

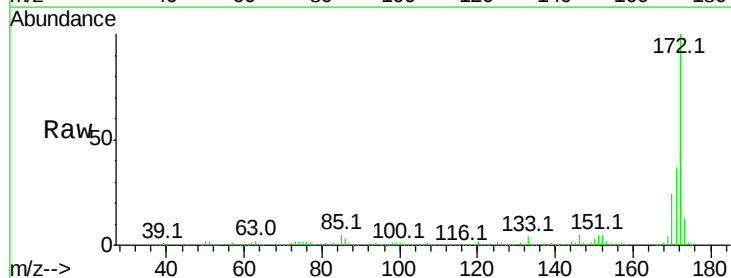


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

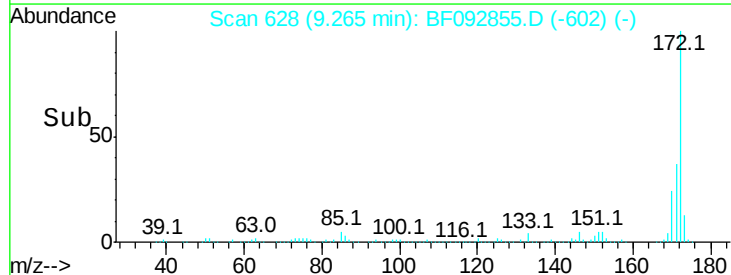
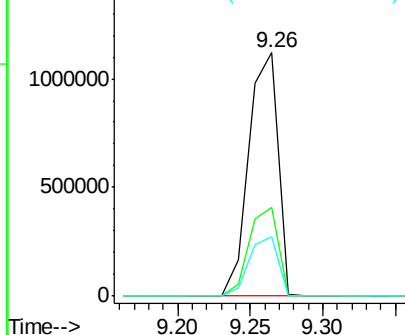


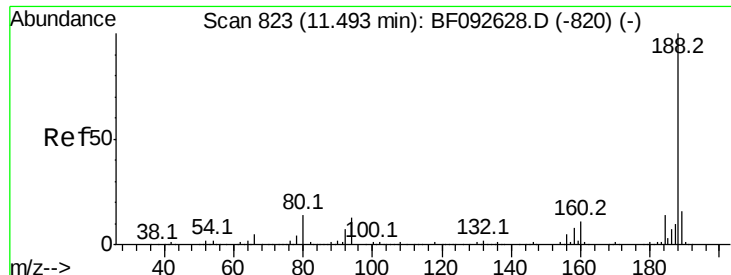
#44
 2-Fluorobiphenyl
 Concen: 77.86 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092855.D
 Acq: 8 Feb 2017 16:09

Tgt Ion:172 Resp: 1563198
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.4 20.2 30.4



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

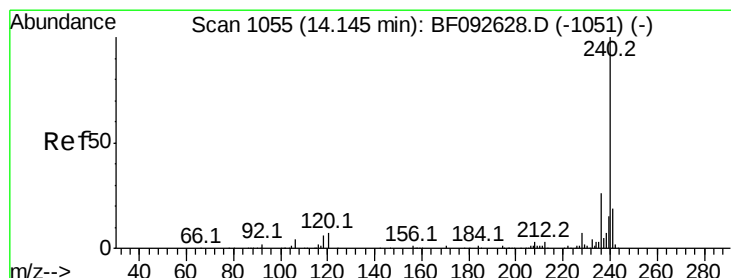
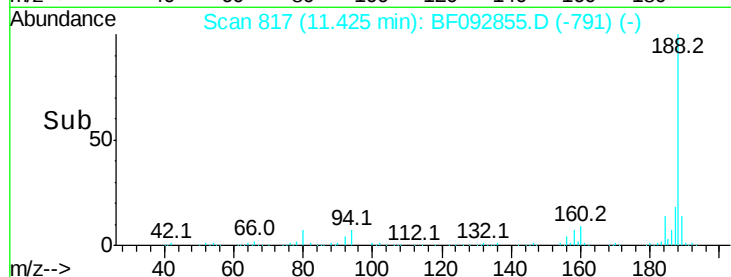
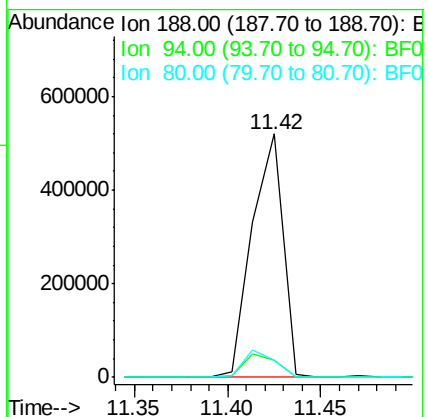
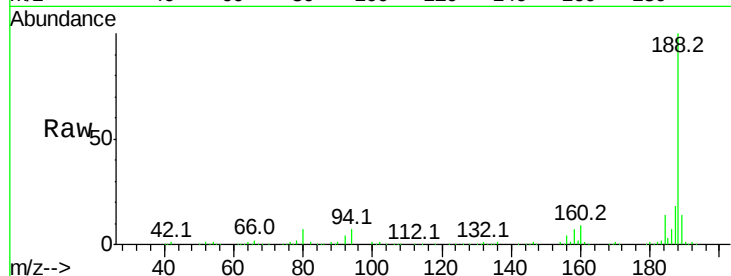




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF092855.D
Acq: 8 Feb 2017 16:09

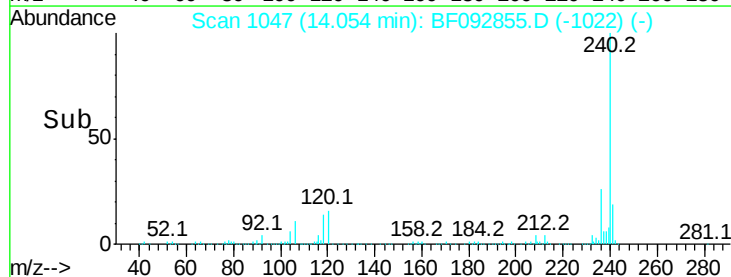
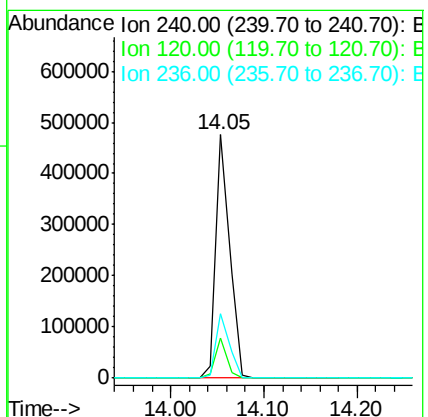
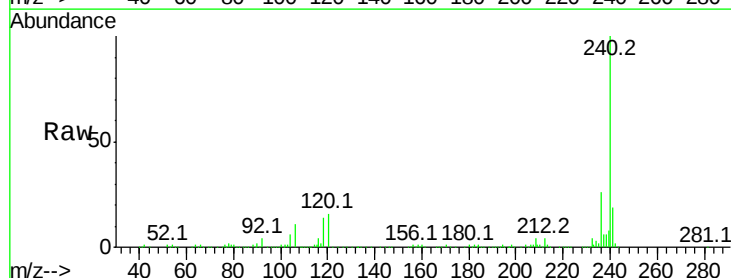
Instrument :
BNA_F
ClientSampleId :
PB96810BL

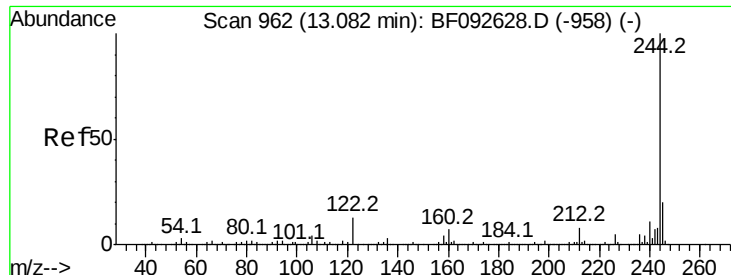
Tot Ion:188 Resp: 599646
Ion Ratio Lower Upper
188 100
94 6.9 10.0 15.0#
80 7.2 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF092855.D
Acq: 8 Feb 2017 16:09

Tgt Ion:240 Resp: 490383
Ion Ratio Lower Upper
240 100
120 16.3 12.9 19.3
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 73.10 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF092855.D

Acq: 8 Feb 2017 16:09

Instrument :

BNA_F

ClientSampled :

PB96810BL

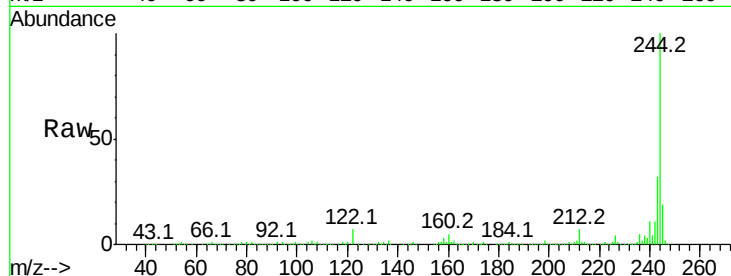
Tot Ion:244 Resp: 1525565

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

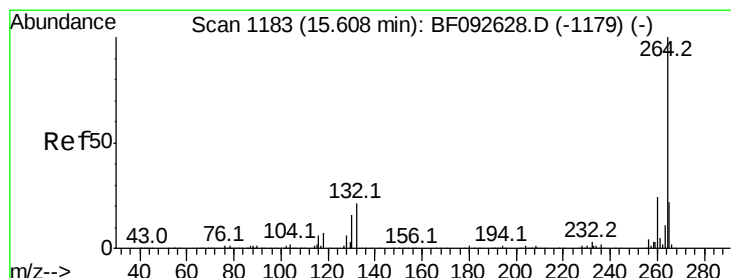
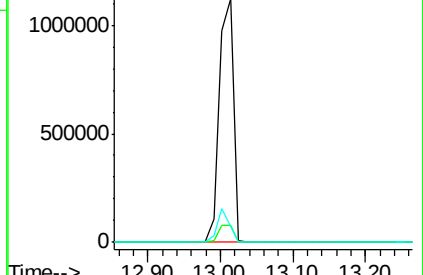
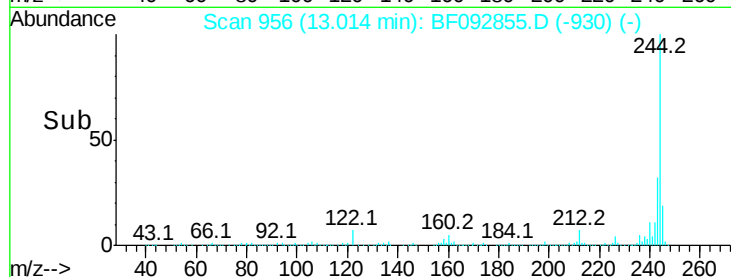
122 6.6 11.4 17.2#



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: 15.51 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF092855.D

Acq: 8 Feb 2017 16:09

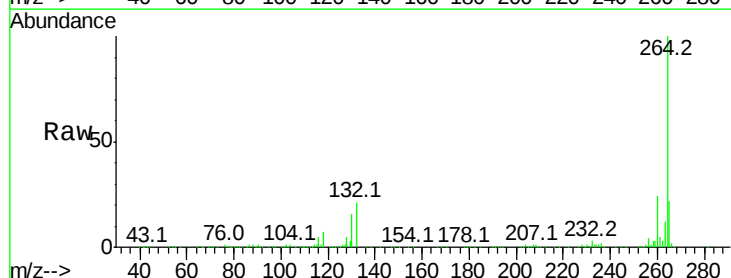
Tgt Ion:264 Resp: 414982

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.5 17.4 26.0



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

