

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093955.D
 Acq On : 27 Mar 2017 21:23
 Operator : SJ/MA
 Sample : I2409-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4

Quant Time: Mar 28 00:50:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

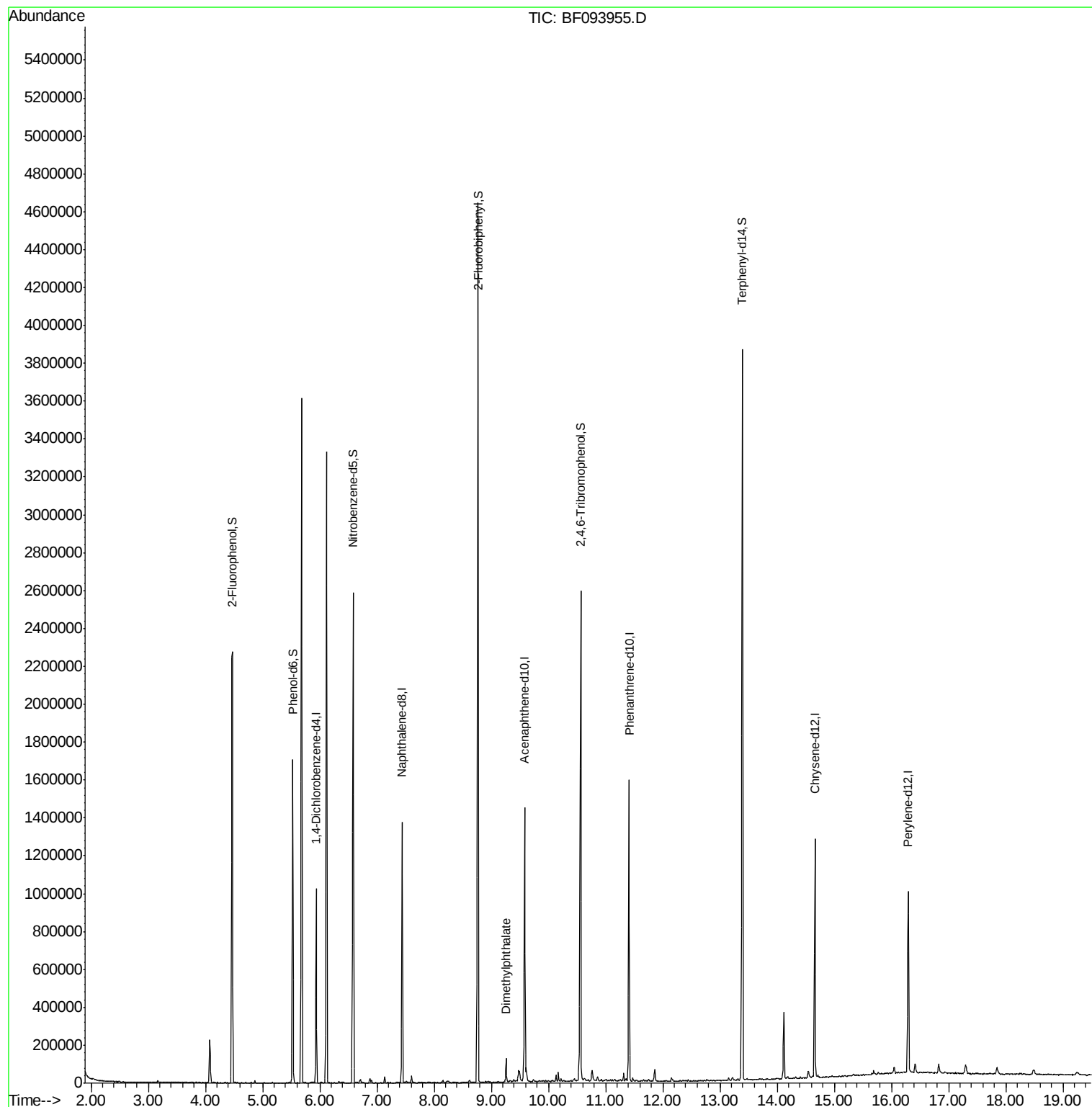
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	173029	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	704278	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	333107	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	602831	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	514253	20.00	ng	-0.02
86) Perylene-d12	16.29	264	393076	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	703611	68.68	ng	0.00
7) Phenol-d6	5.53	99	569146	44.91	ng	-0.02
23) Nitrobenzene-d5	6.59	82	1059129	85.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	396670	150.70	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1903594	87.16	ng	-0.01
78) Terphenyl-d14	13.39	244	1646884	71.78	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.26	163	55923	2.36	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: 5.93 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF093955.D

Acq: 27 Mar 2017 21:23

Instrument :

BNA_F

ClientSampleId :

PZ-4

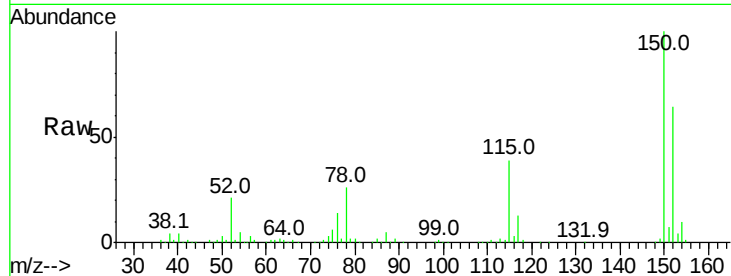
Tot Ion:152 Resp: 173029

Ion Ratio Lower Upper

152 100

150 155.1 126.2 189.2

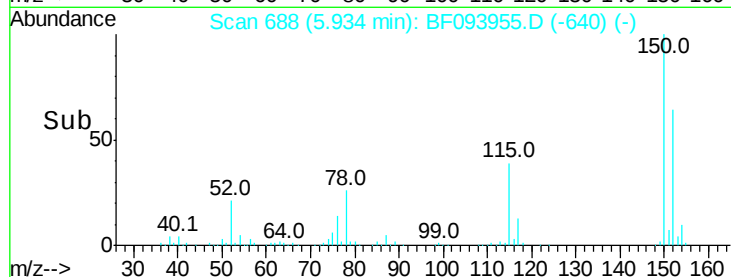
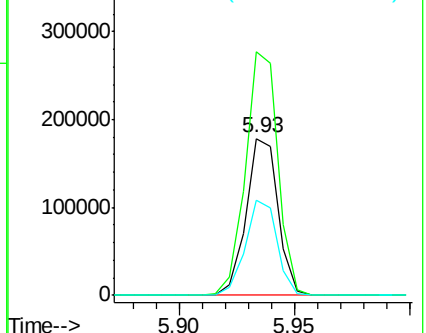
115 61.0 52.2 78.2



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: 68.68 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093955.D

Acq: 27 Mar 2017 21:23

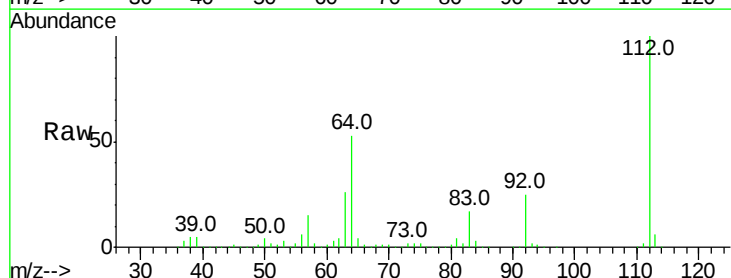
Tgt Ion:112 Resp: 703611

Ion Ratio Lower Upper

112 100

64 53.5 46.0 69.0

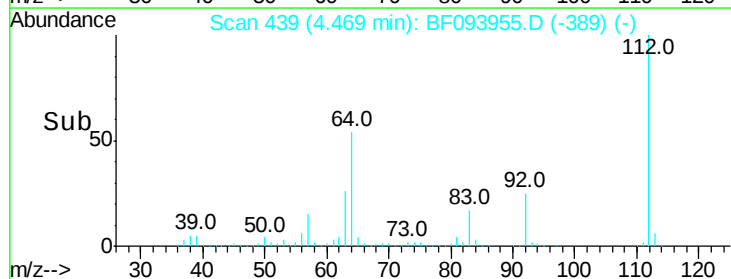
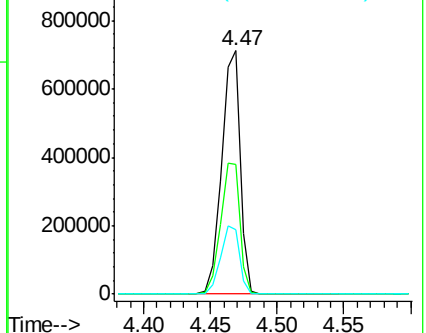
63 26.2 23.4 35.0

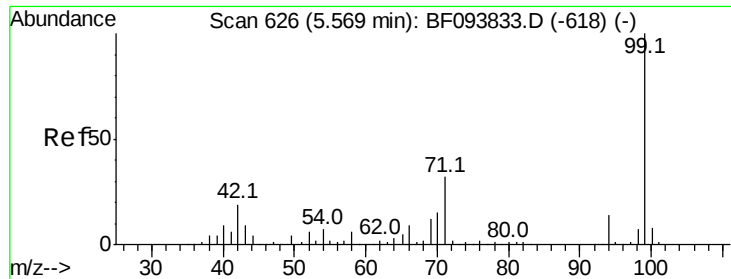


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.91 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093955.D

Acq: 27 Mar 2017 21:23

Instrument :

BNA_F

ClientSampleId :

PZ-4

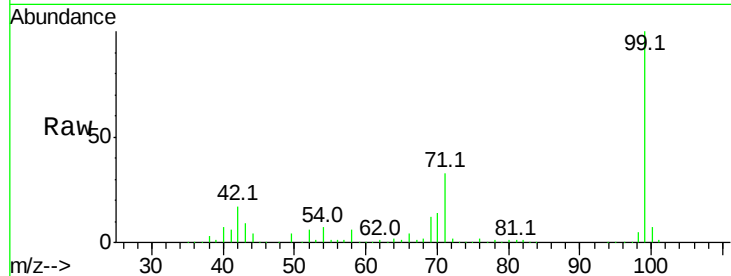
Tot Ion: 99 Resp: 569146

Ion Ratio Lower Upper

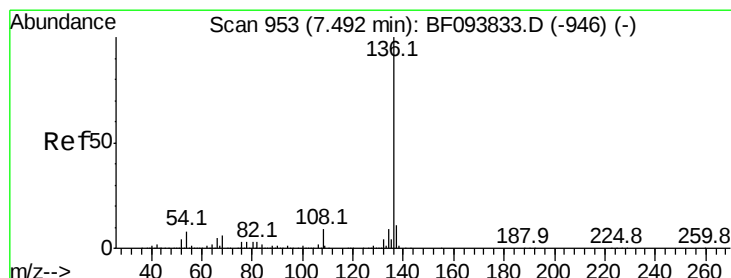
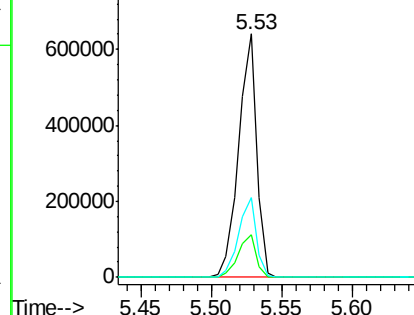
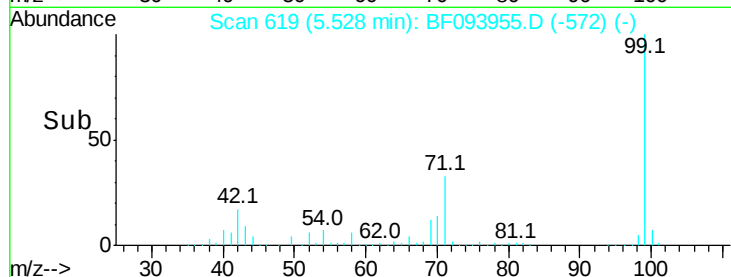
99 100

42 17.3 13.5 20.3

71 33.0 24.5 36.7



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: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093955.D

Acq: 27 Mar 2017 21:23

Tgt Ion: 136 Resp: 704278

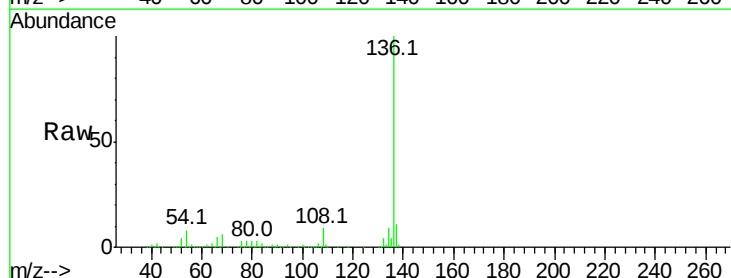
Ion Ratio Lower Upper

136 100

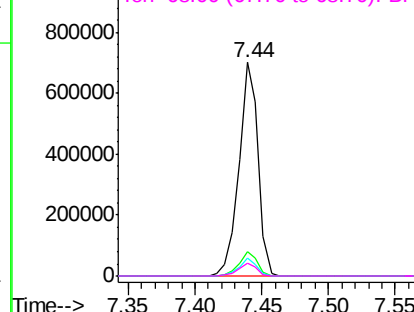
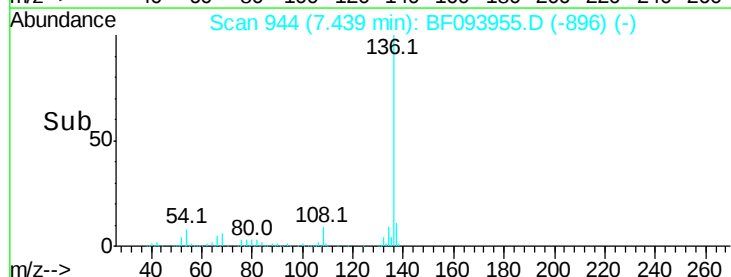
137 11.4 8.5 12.7

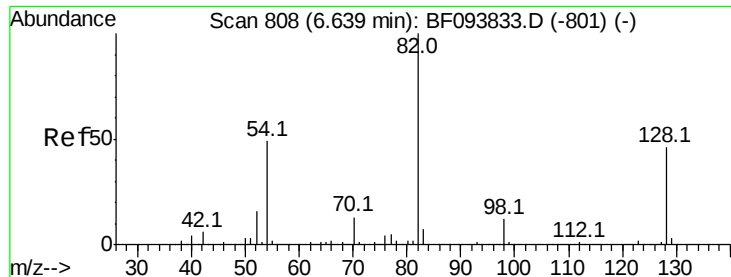
54 8.1 4.9 7.3#

68 6.2 4.1 6.1#



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



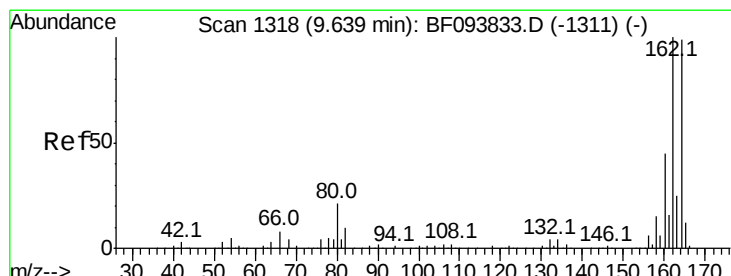
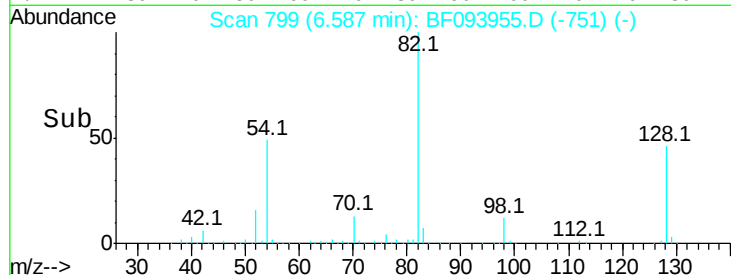
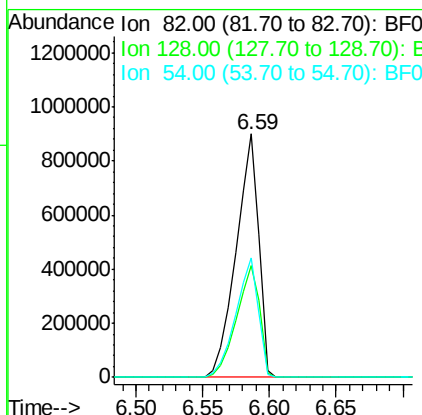
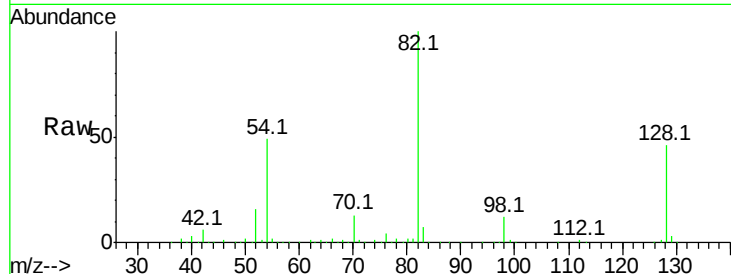


#23
 Nitrobenzene-d5
 Concen: 85.82 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF093955.D
 Acq: 27 Mar 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4

Tot Ion: 82 Resp: 1059129

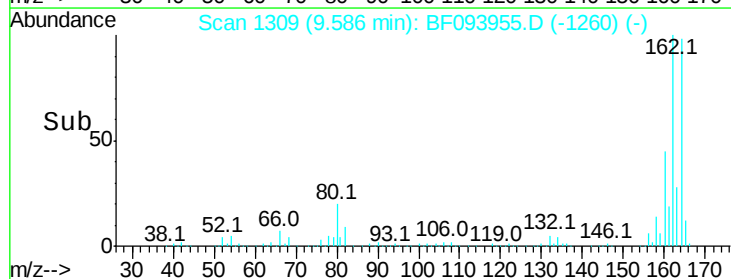
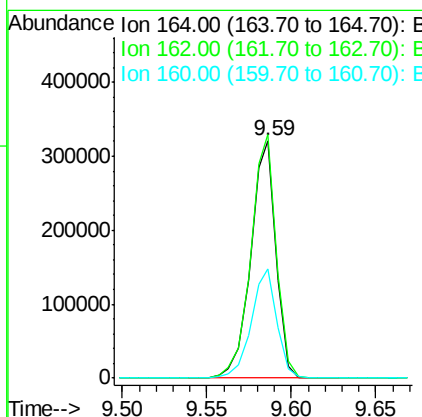
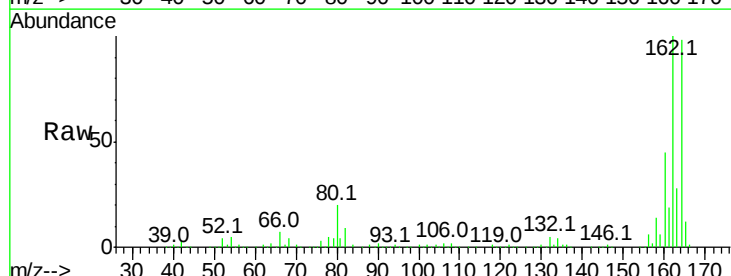
Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	49.2	42.2	63.2

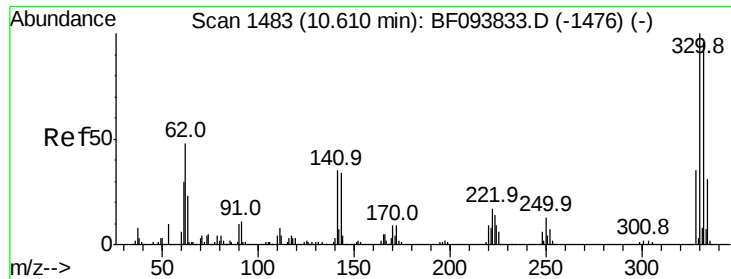


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF093955.D
 Acq: 27 Mar 2017 21:23

Tgt Ion: 164 Resp: 333107

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	46.2	36.2	54.2

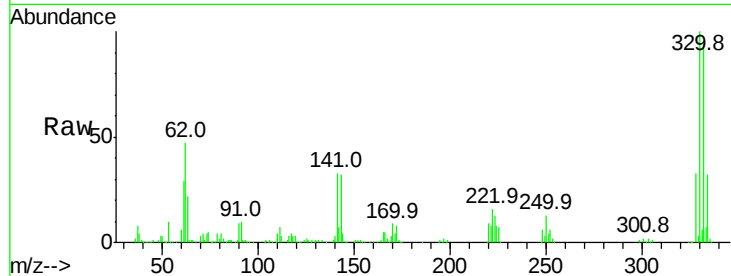




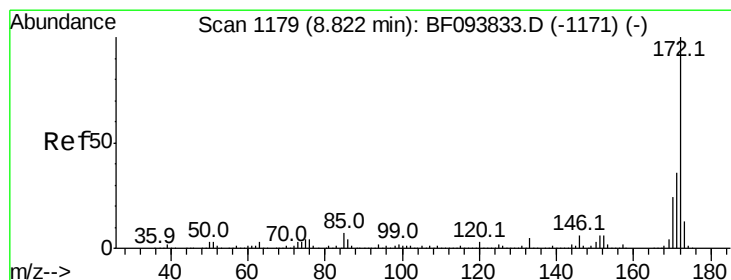
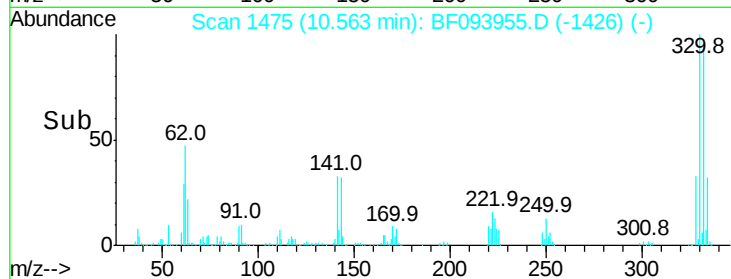
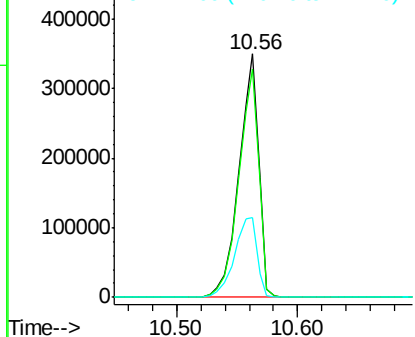
#41
 2,4,6-Tribromophenol
 Concen: 150.70 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093955.D
 Acq: 27 Mar 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4

Tot Ion:330 Resp: 396670
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 38.0 31.4 47.2

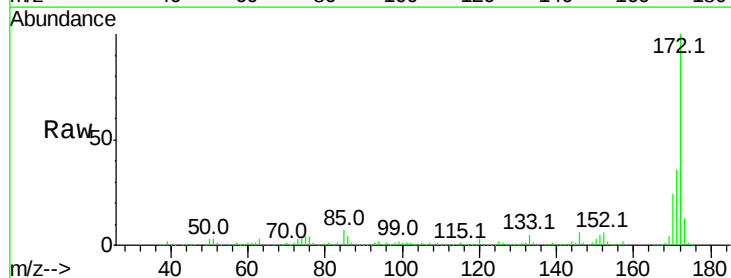


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

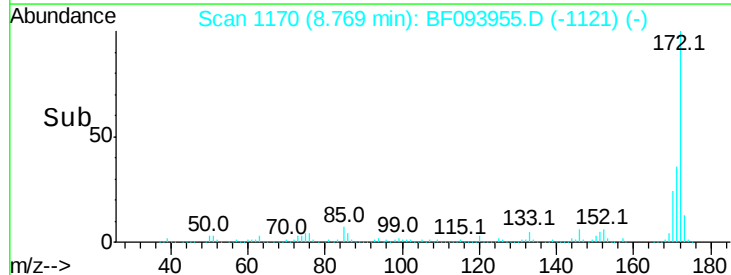
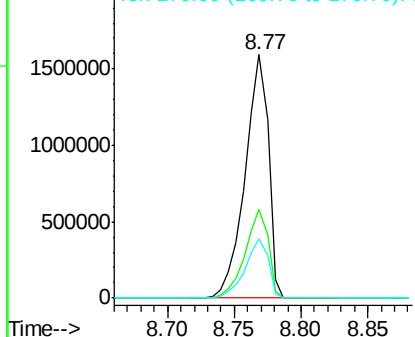


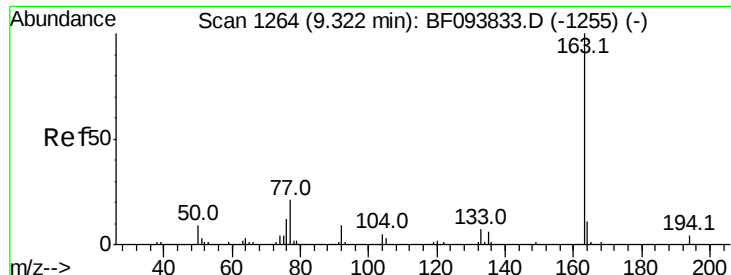
#44
 2-Fluorobiphenyl
 Concen: 87.16 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093955.D
 Acq: 27 Mar 2017 21:23

Tgt Ion:172 Resp: 1903594
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.3 19.8 29.8



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

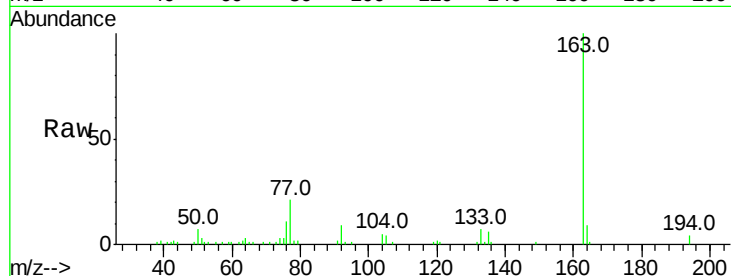




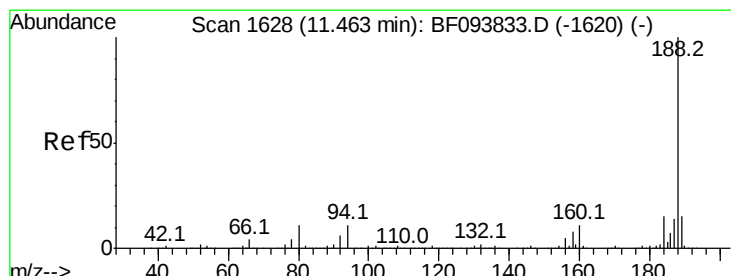
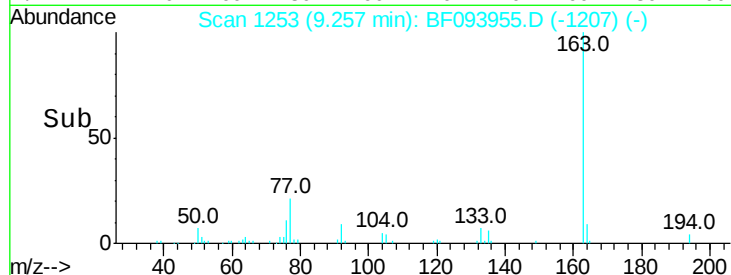
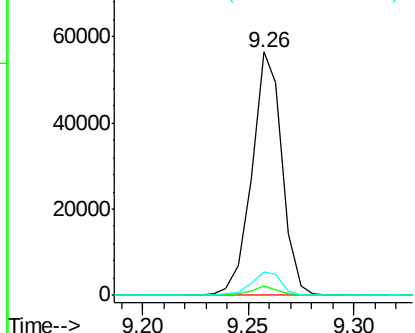
#49
Dimethylphthalate
Concen: 2.36 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF093955.D
Acq: 27 Mar 2017 21:23

Instrument :
BNA_F
ClientSampleId :
PZ-4

Tot Ion:163 Resp: 55923
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.4 8.4 12.6

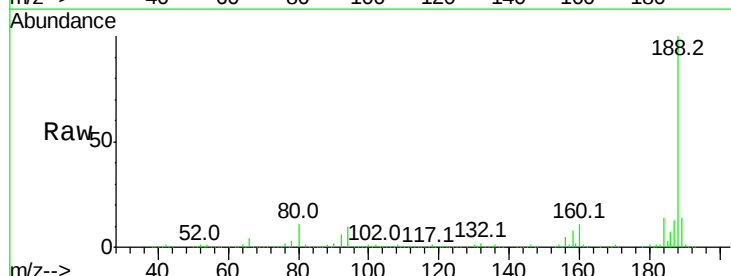


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

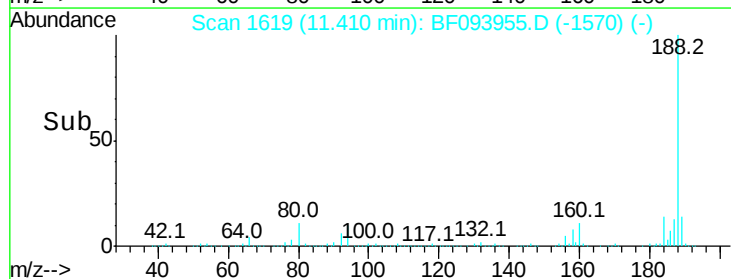
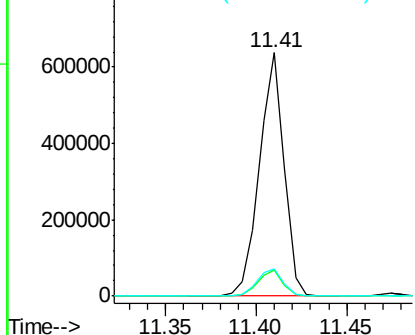


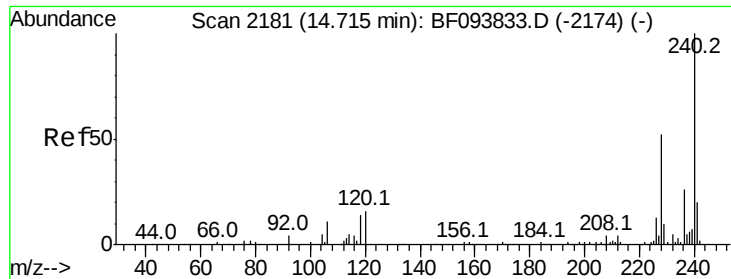
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093955.D
Acq: 27 Mar 2017 21:23

Tgt Ion:188 Resp: 602831
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.1 10.2 15.2



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: 14.66 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF093955.D

Acq: 27 Mar 2017 21:23

Instrument :

BNA_F

ClientSampleId :

PZ-4

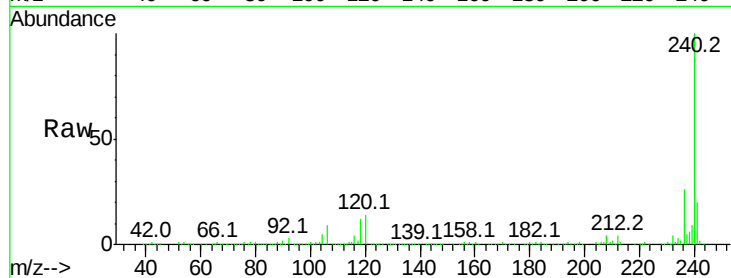
Tot Ion:240 Resp: 514253

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

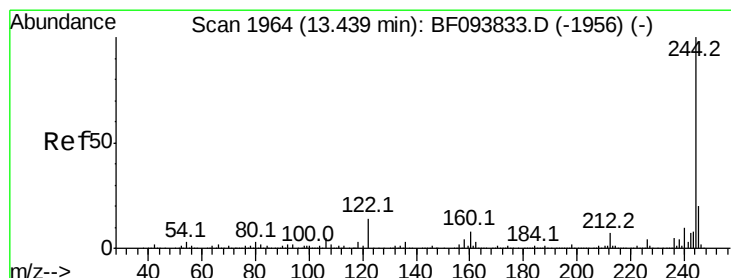
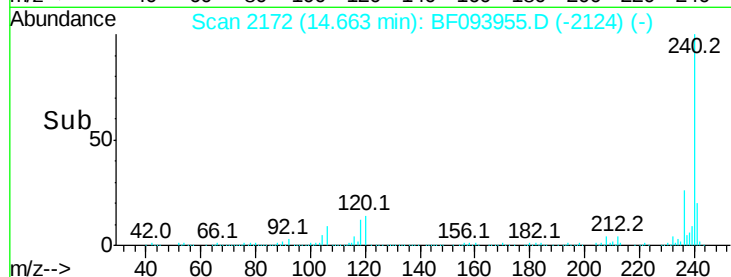
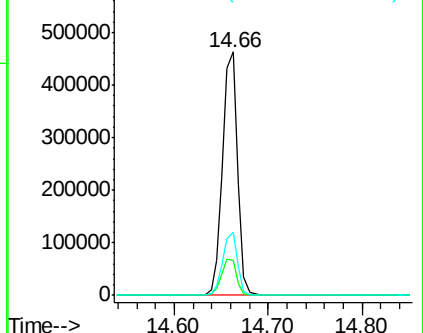
236 25.9 20.5 30.7



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: 71.78 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093955.D

Acq: 27 Mar 2017 21:23

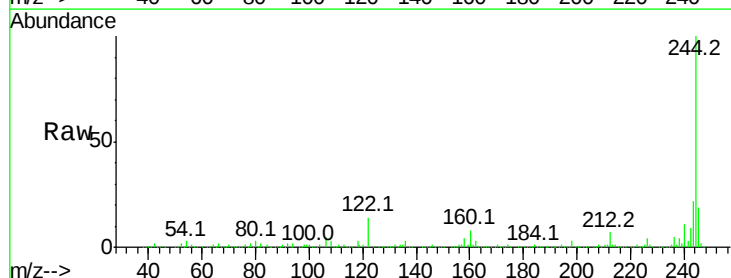
Tgt Ion:244 Resp: 1646884

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

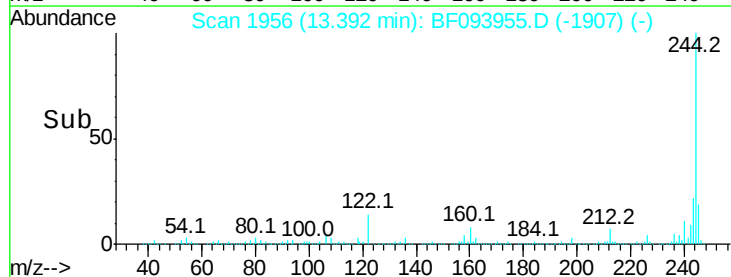
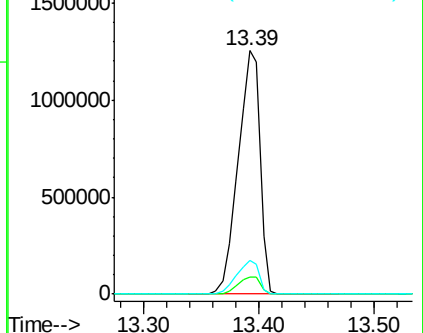
122 13.8 10.3 15.5

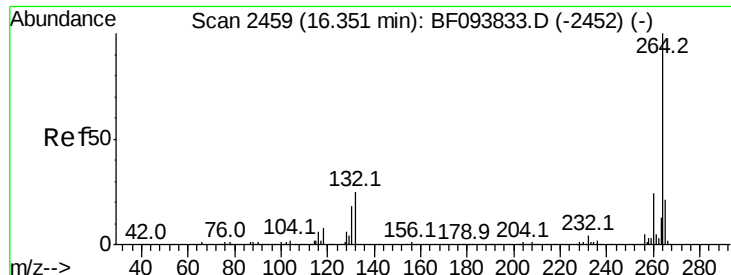


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

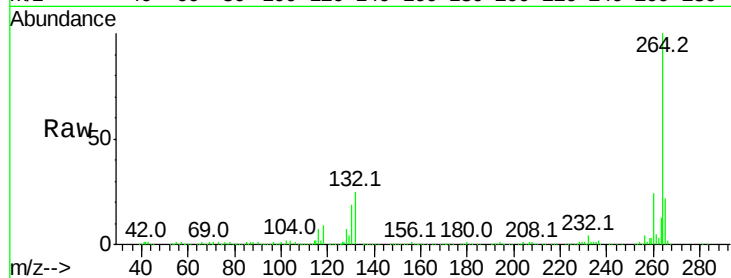




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BF093955.D
Acq: 27 Mar 2017 21:23

Instrument :
BNA_F
ClientSampleId :
PZ-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.5	17.2	25.8



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

