

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093958.D
 Acq On : 27 Mar 2017 22:46
 Operator : SJ/MA
 Sample : I2409-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12

Quant Time: Mar 28 00:55:29 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	157671	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	631520	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	296687	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	555275	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	486598	20.00	ng	-0.02
86) Perylene-d12	16.29	264	381140	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	601929	64.48	ng	-0.01
7) Phenol-d6	5.53	99	487383	42.20	ng	-0.02
23) Nitrobenzene-d5	6.59	82	944638	85.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	346841	147.94	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1733862	89.14	ng	-0.01
78) Terphenyl-d14	13.39	244	1625164	74.86	ng	-0.01

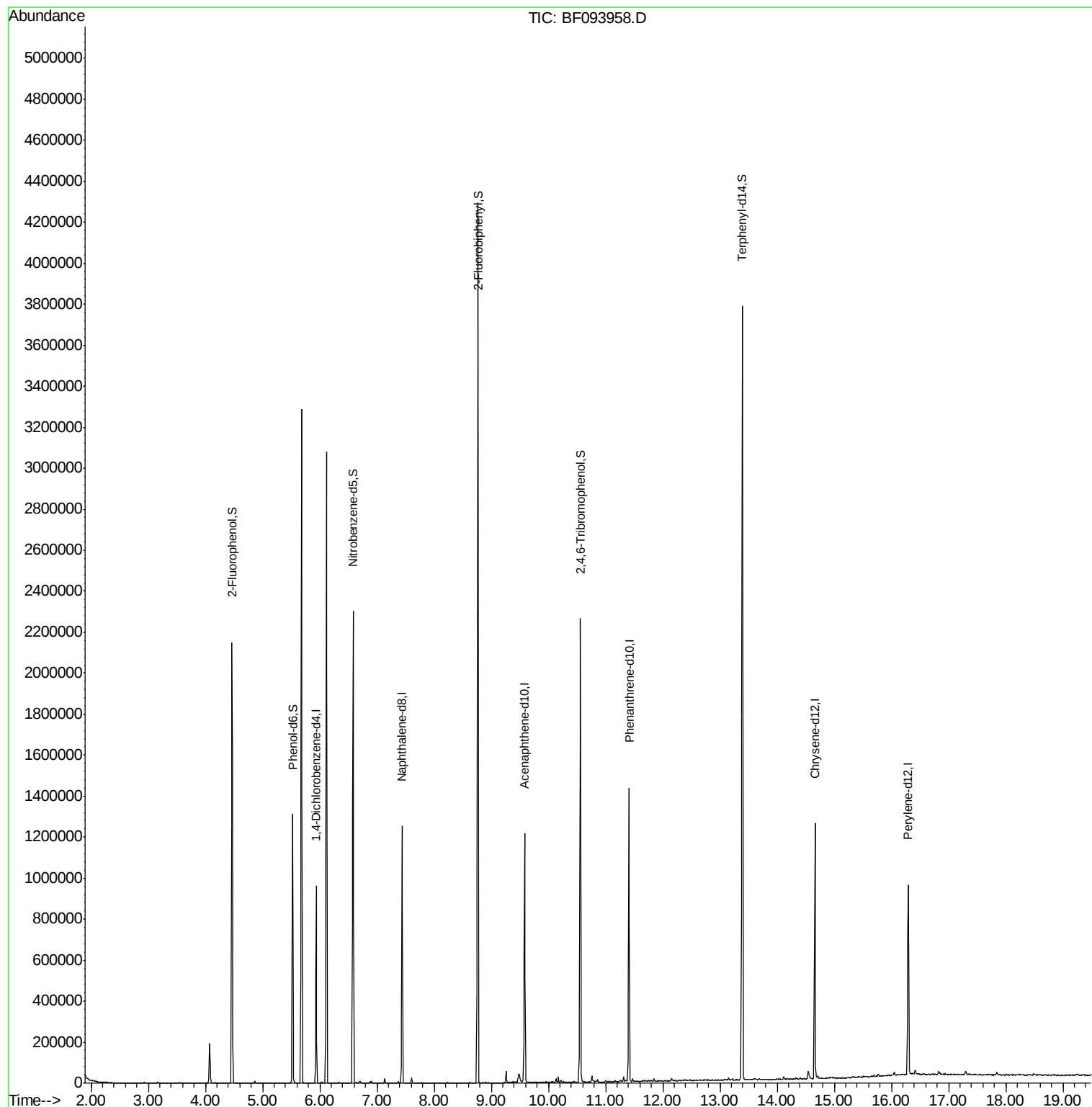
Target Compounds Qvalue

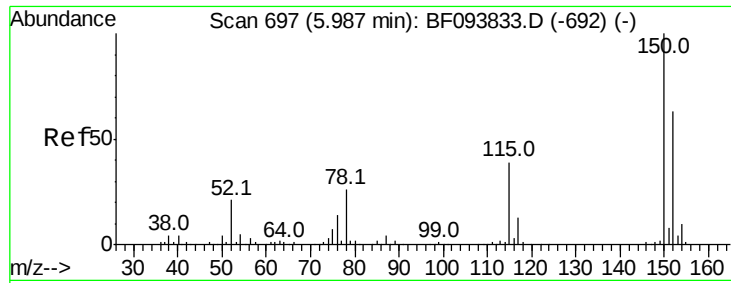
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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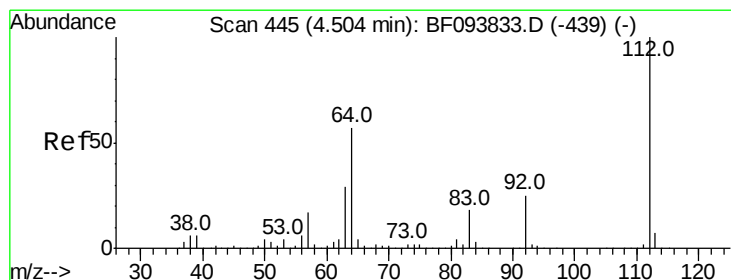
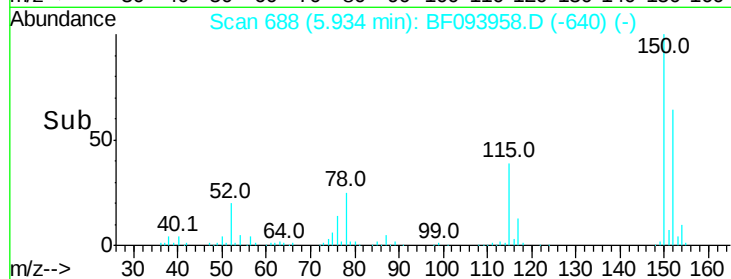
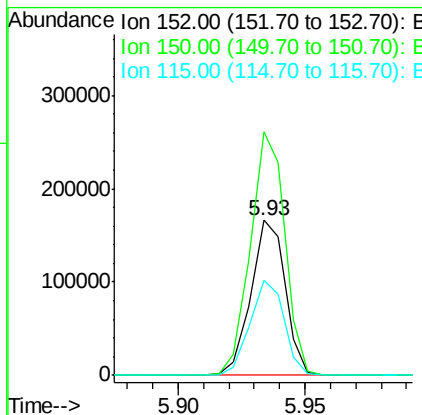
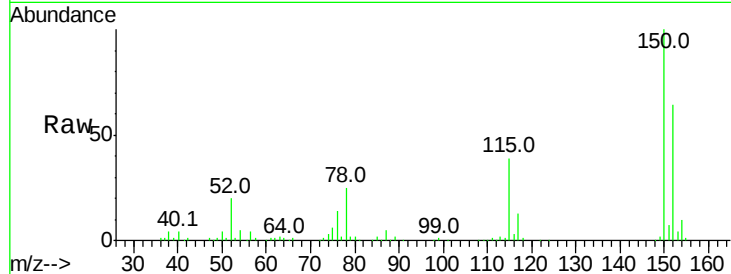


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.93 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: BF093958.D
 Acq: 27 Mar 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12

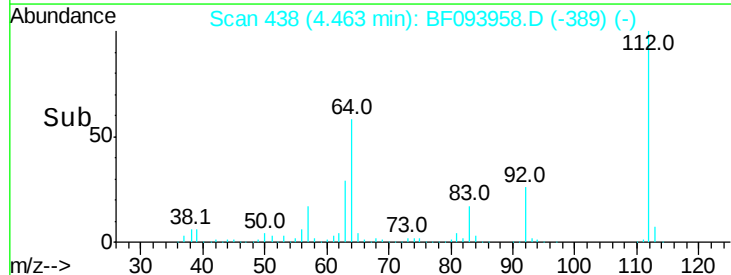
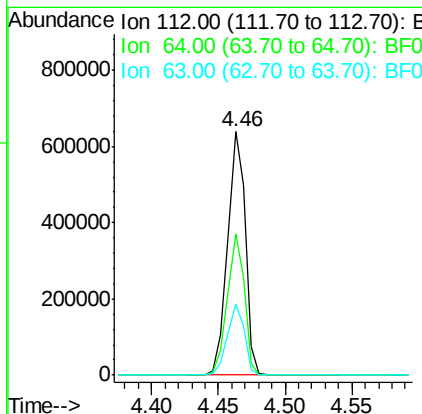
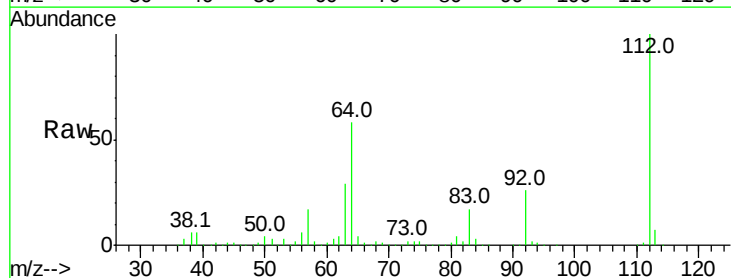
Tot Ion:152 Resp: 157671
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.2 189.2
 115 61.9 52.2 78.2

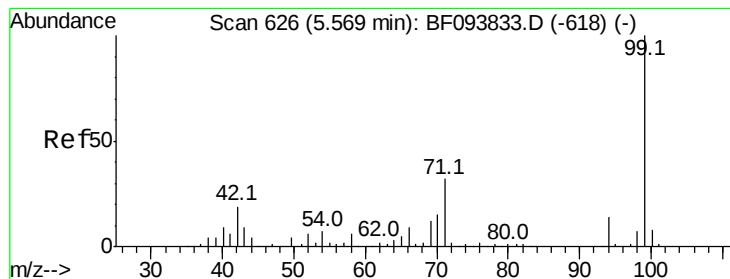


#5

2-Fluorophenol
 Concen: 64.48 ng
 RT: 4.46 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF093958.D
 Acq: 27 Mar 2017 22:46

Tgt Ion:112 Resp: 601929
 Ion Ratio Lower Upper
 112 100
 64 58.0 46.0 69.0
 63 29.1 23.4 35.0





#7

Phenol-d6

Concen: 42.20 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093958.D

Acq: 27 Mar 2017 22:46

Instrument :

BNA_F

ClientSampleId :

LIP-12

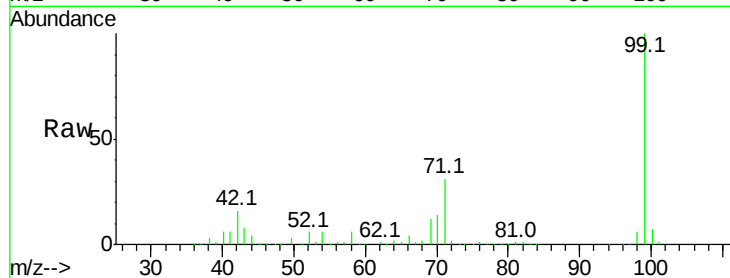
Tot Ion: 99 Resp: 487383

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

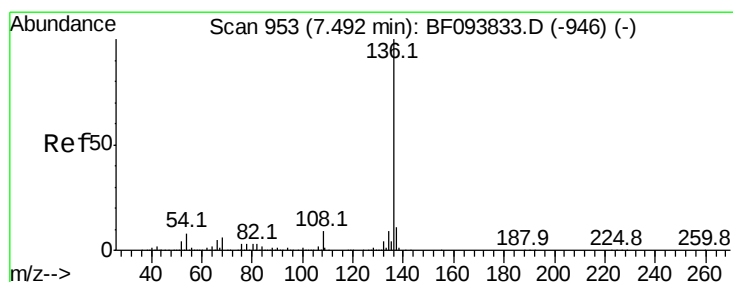
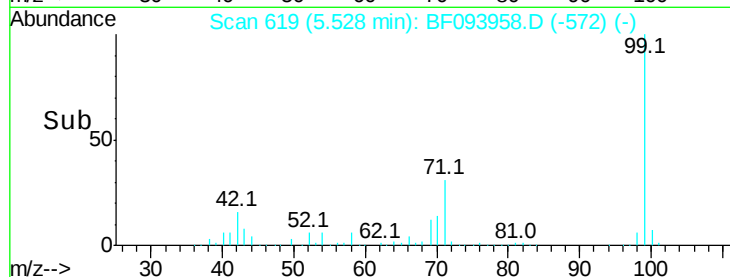
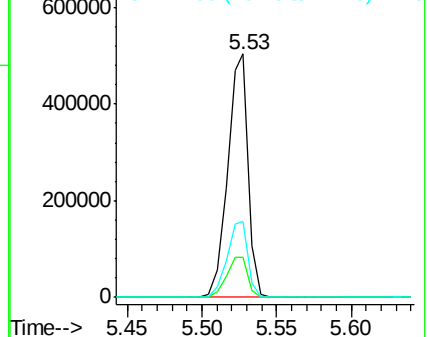
71 31.0 24.5 36.7



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: BF093958.D

Acq: 27 Mar 2017 22:46

Tgt Ion: 136 Resp: 631520

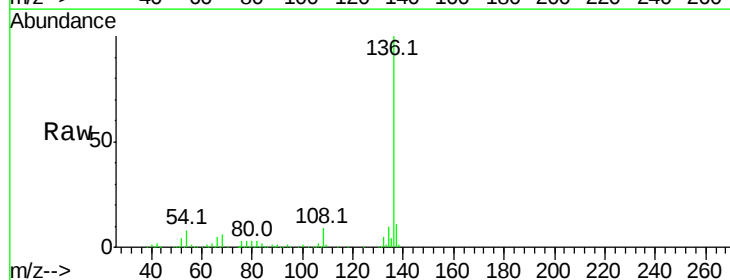
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.6 4.9 7.3#

68 6.0 4.1 6.1

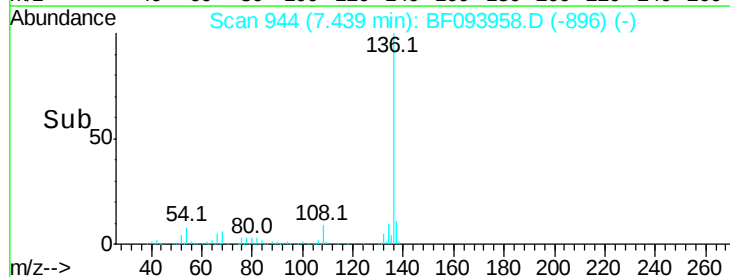
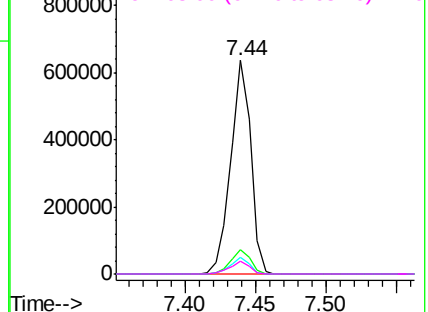


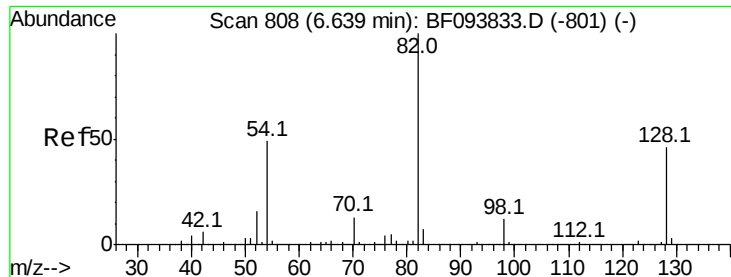
Abundance Ion 136.00 (135.70 to 136.70): E

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

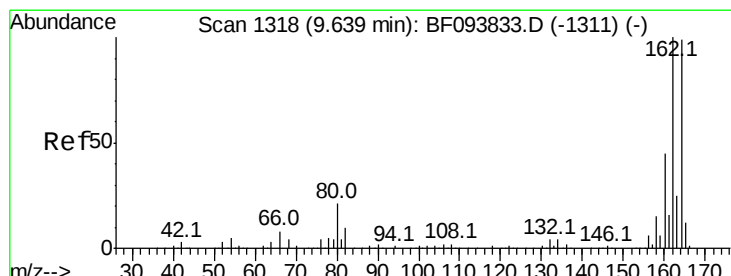
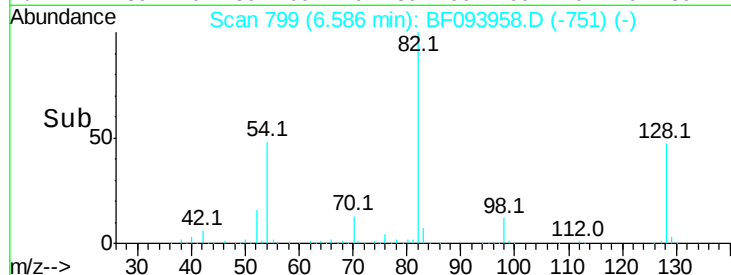
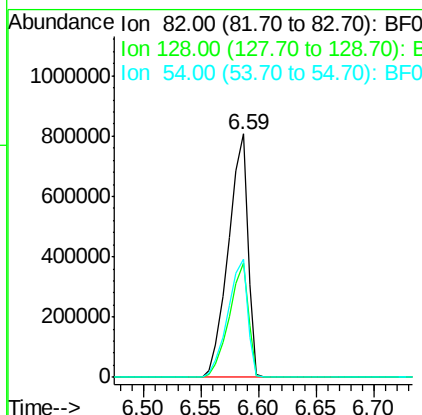
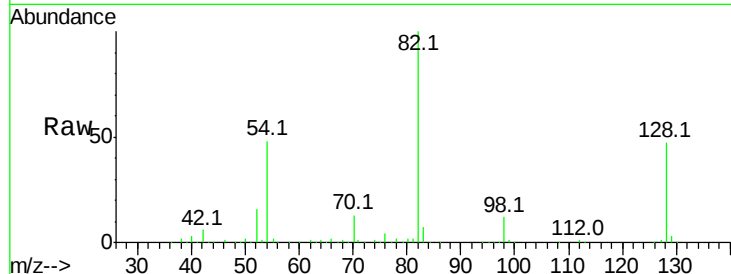




#23
 Nitrobenzene-d5
 Concen: 85.36 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF093958.D
 Acq: 27 Mar 2017 22:46

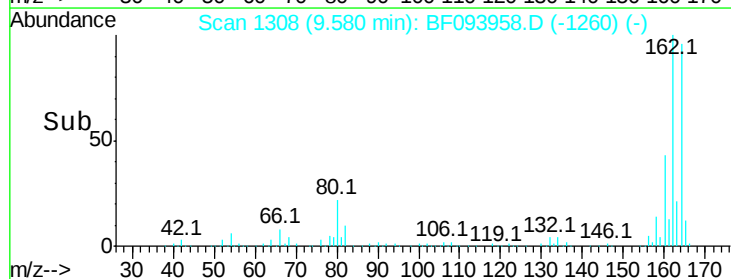
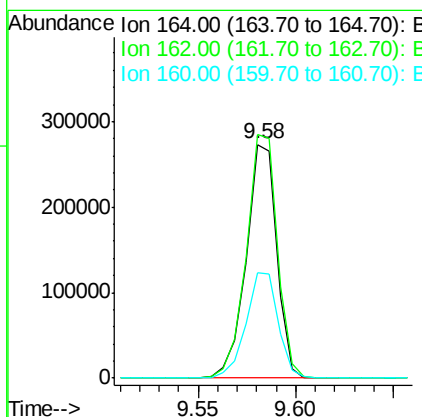
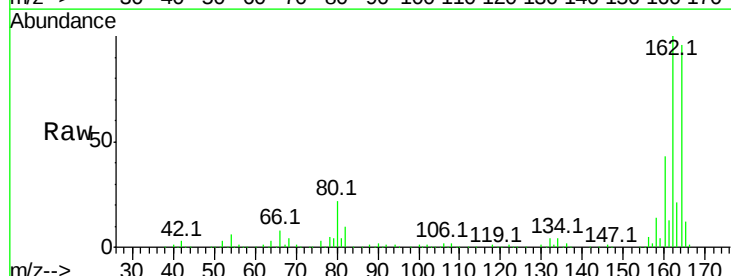
Instrument :
 BNA_F
 ClientSampleId :
 LIP-12

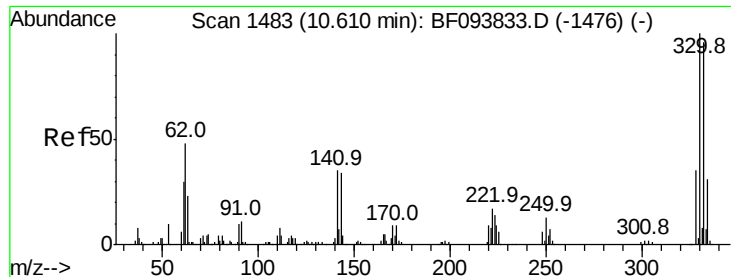
Tot Ion: 82 Resp: 944638
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 48.4 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF093958.D
 Acq: 27 Mar 2017 22:46

Tgt Ion:164 Resp: 296687
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 44.9 36.2 54.2

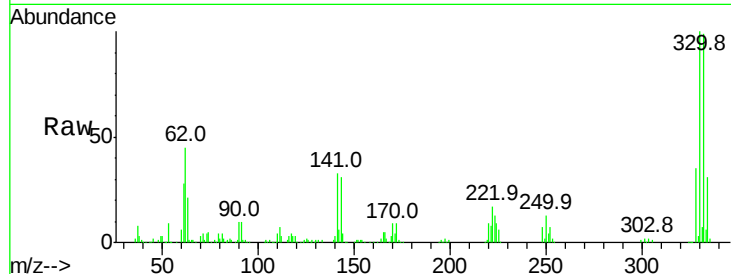




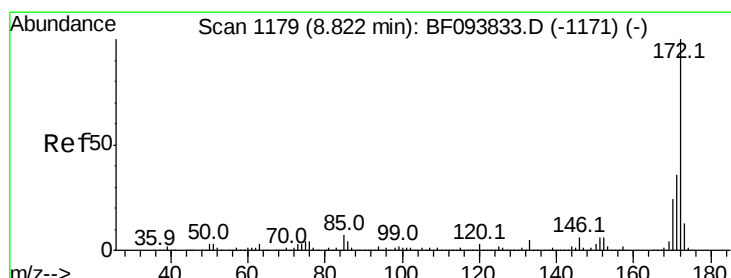
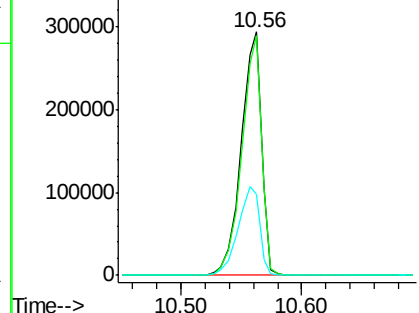
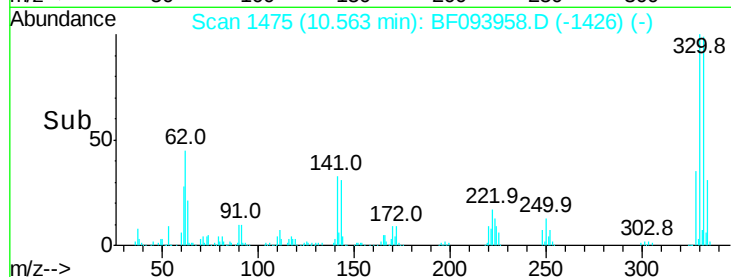
#41
 2,4,6-Tribromophenol
 Concen: 147.94 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093958.D
 Acq: 27 Mar 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	38.4	31.4	47.2

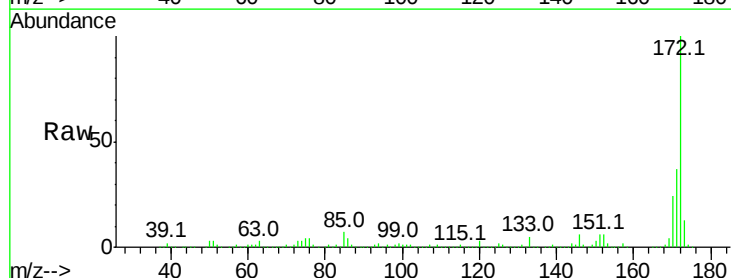


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

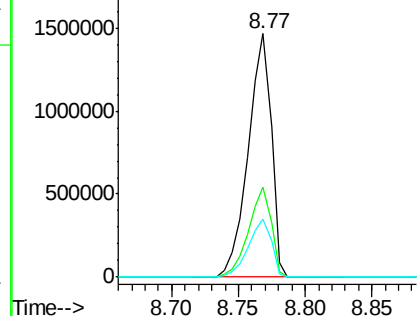
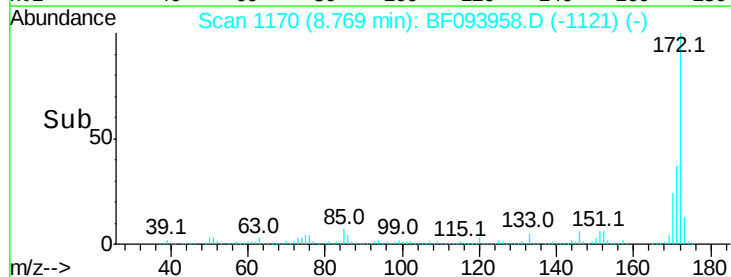


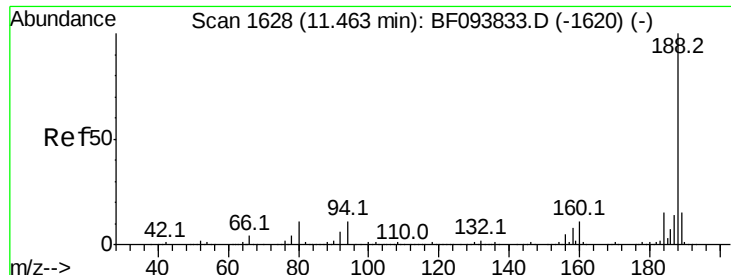
#44
 2-Fluorobiphenyl
 Concen: 89.14 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093958.D
 Acq: 27 Mar 2017 22:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.1	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF093958.D

Acq: 27 Mar 2017 22:46

Instrument :

BNA_F

ClientSampleId :

LIP-12

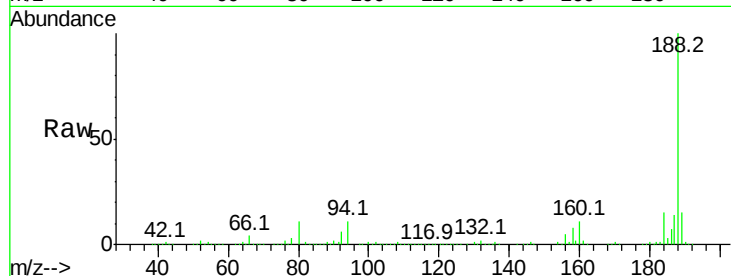
Tot Ion:188 Resp: 555275

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

80 11.2 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

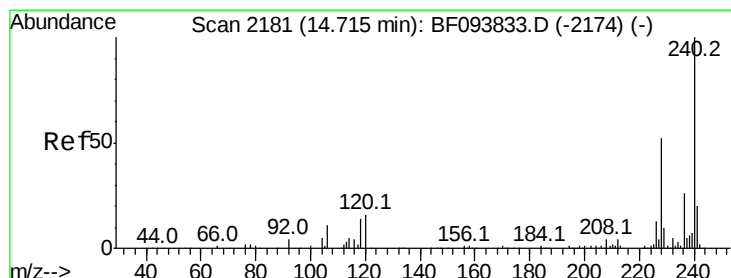
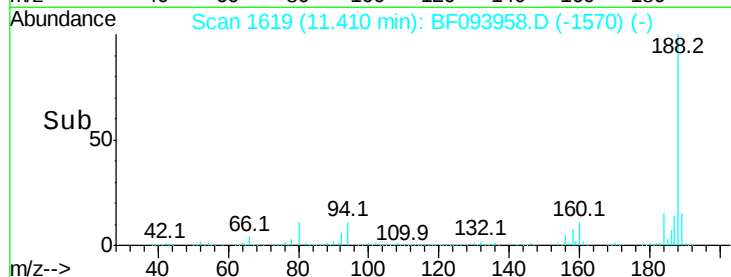
11.41

400000

200000

0

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.66 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF093958.D

Acq: 27 Mar 2017 22:46

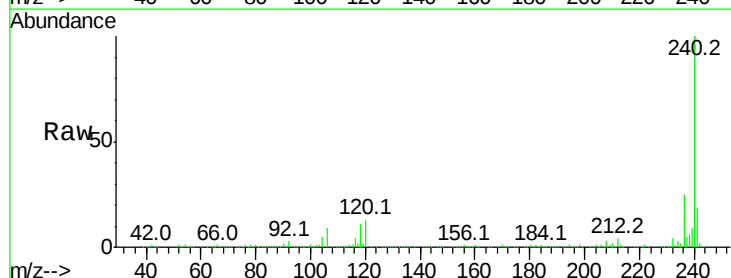
Tgt Ion:240 Resp: 486598

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

236 25.4 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

14.66

400000

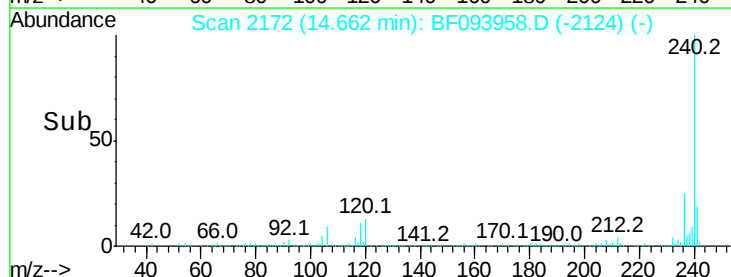
300000

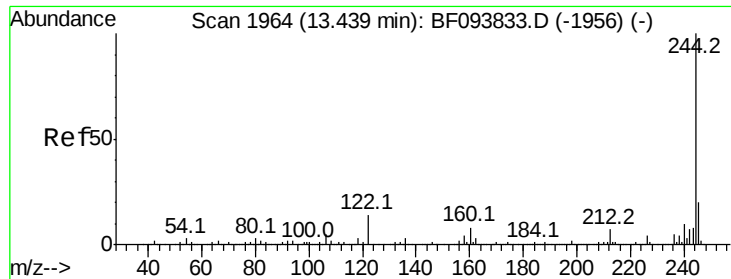
200000

100000

0

Time-->

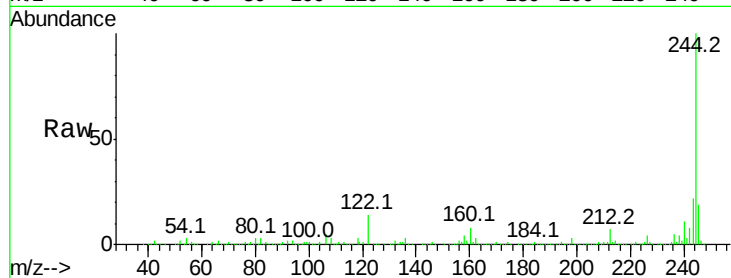




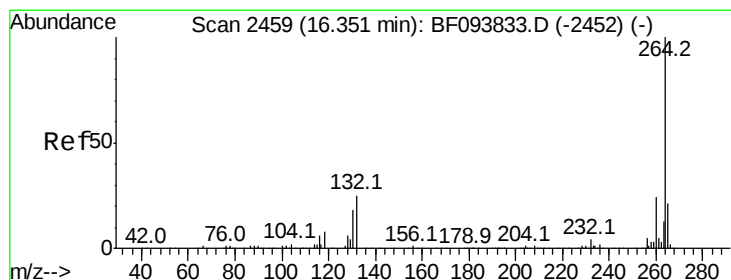
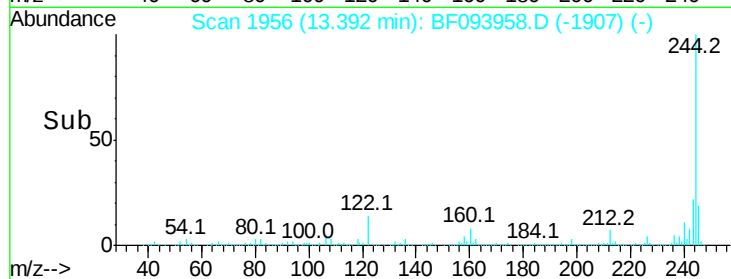
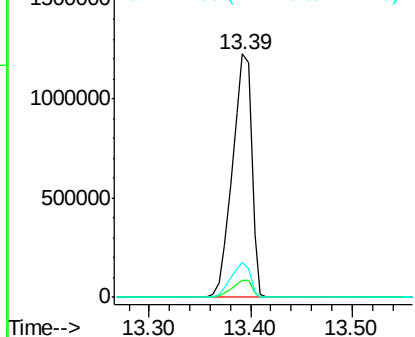
#78
 Terphenyl-d14
 Concen: 74.86 ng
 RT: 13.39 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BF093958.D
 Acq: 27 Mar 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12

Tot Ion:244 Resp: 1625164
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.3 10.3 15.5

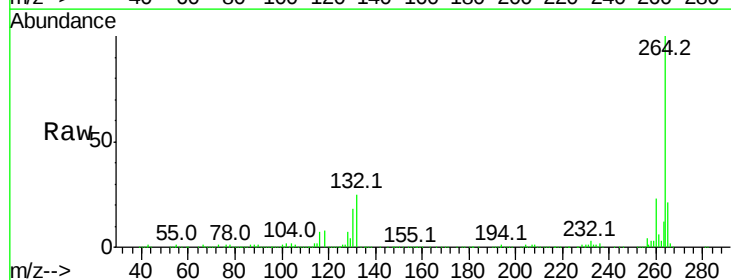


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.29 min Scan# 2449
 Delta R.T. -0.02 min
 Lab File: BF093958.D
 Acq: 27 Mar 2017 22:46

Tgt Ion:264 Resp: 381140
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.4 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

