

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093615.D
 Acq On : 13 Mar 2017 18:50
 Operator : SJ/MA
 Sample : I2174-25
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-79

Quant Time: Mar 14 01:42:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	157635	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	625493	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	290592	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	551948	20.00	ng	0.00
75) Chrysene-d12	13.90	240	356456	20.00	ng	0.01
86) Perylene-d12	15.31	264	267084	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1309352	138.24	ng	0.00
7) Phenol-d6	6.37	99	1636680	137.03	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1087471	96.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	293644	155.10	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1692706	108.35	ng	-0.01
78) Terphenyl-d14	12.84	244	1328023	96.86	ng	0.01

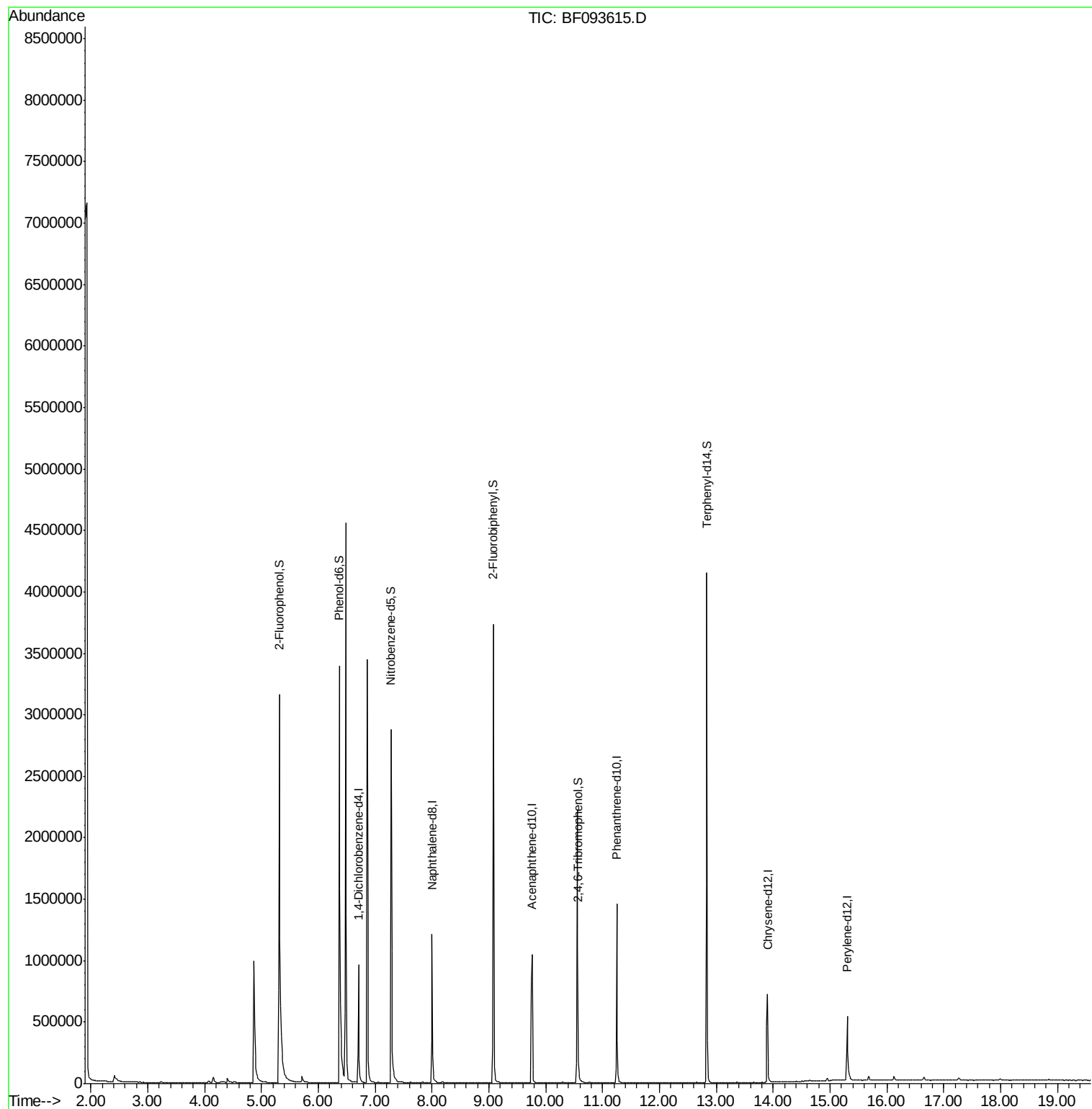
Target Compounds Qvalue

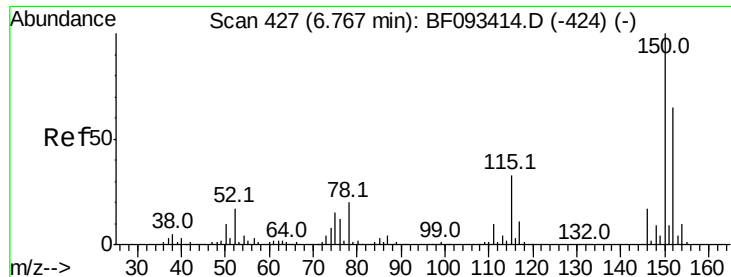
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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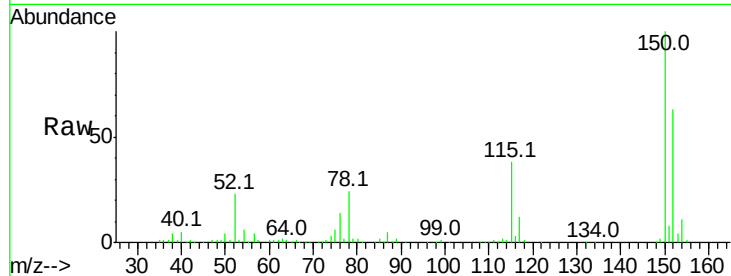


#1

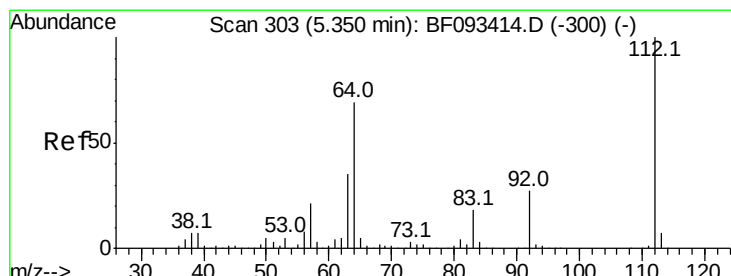
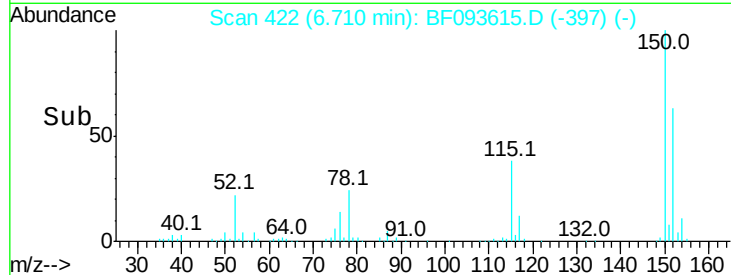
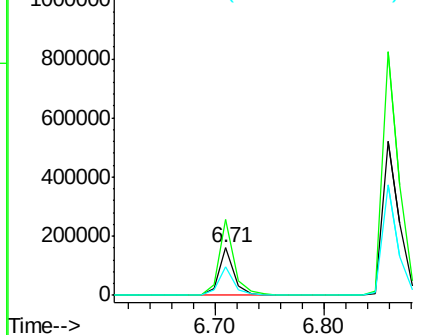
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093615.D
Acq: 13 Mar 2017 18:50

Instrument :
BNA_F
ClientSampled :
D-79

Tot Ion:152 Resp: 157635
Ion Ratio Lower Upper
152 100
150 158.9 124.9 187.3
115 59.7 46.0 69.0



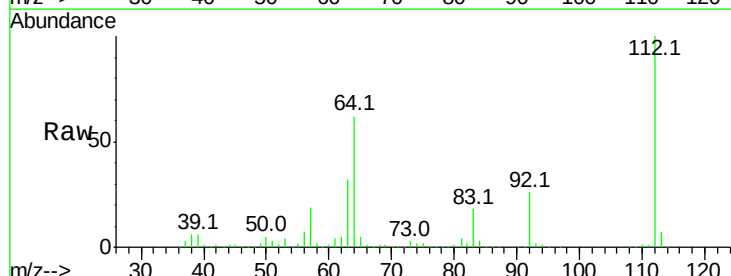
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



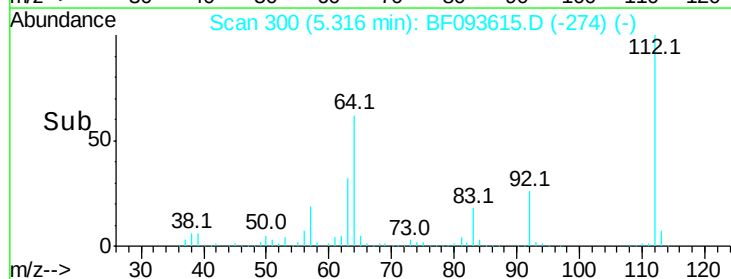
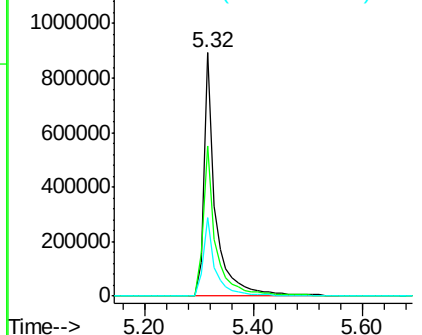
#5

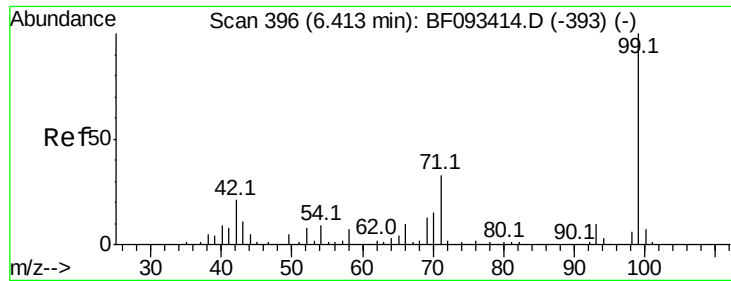
2-Fluorophenol
Concen: 138.24 ng
RT: 5.32 min Scan# 300
Delta R.T. 0.00 min
Lab File: BF093615.D
Acq: 13 Mar 2017 18:50

Tgt Ion:112 Resp: 1309352
Ion Ratio Lower Upper
112 100
64 61.8 46.1 69.1
63 32.1 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: 137.03 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093615.D

Acq: 13 Mar 2017 18:50

Instrument :

BNA_F

ClientSampleId :

D-79

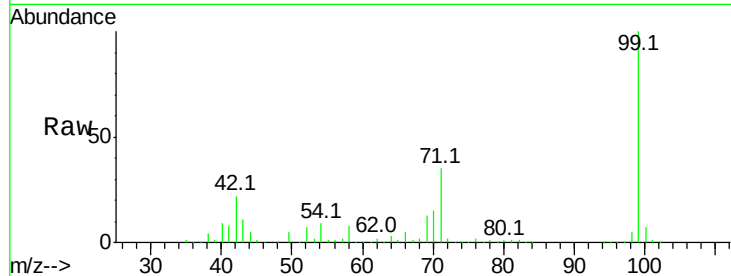
Tot Ion: 99 Resp: 1636680

Ion Ratio Lower Upper

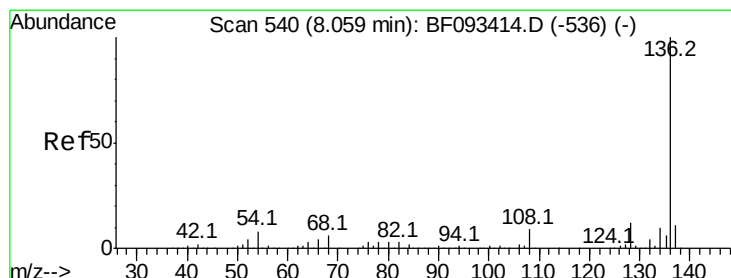
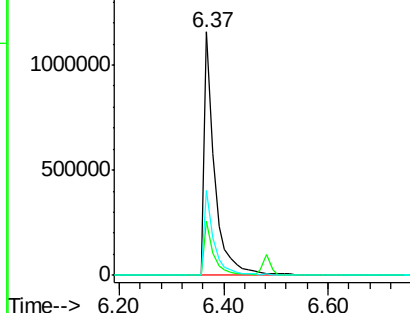
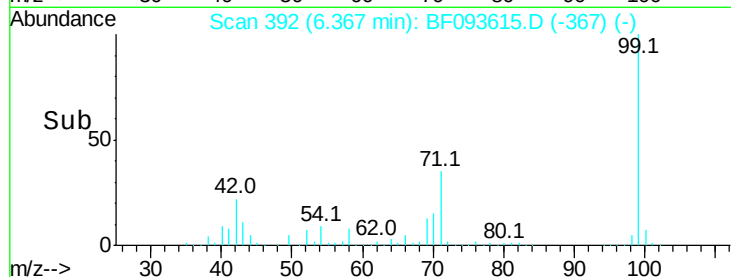
99 100

42 22.3 15.6 23.4

71 34.7 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: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093615.D

Acq: 13 Mar 2017 18:50

Tgt Ion: 136 Resp: 625493

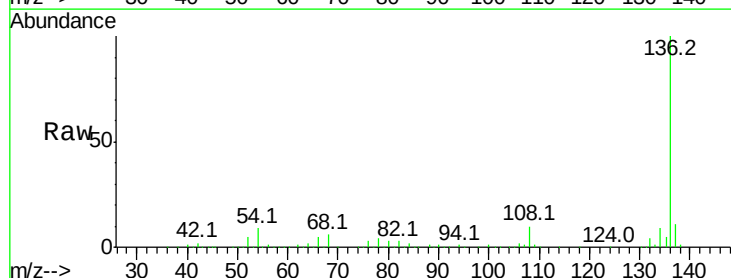
Ion Ratio Lower Upper

136 100

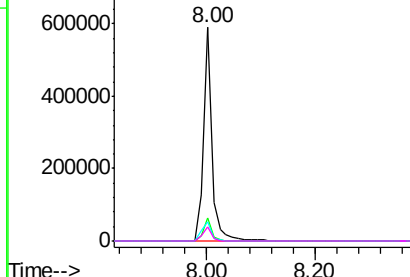
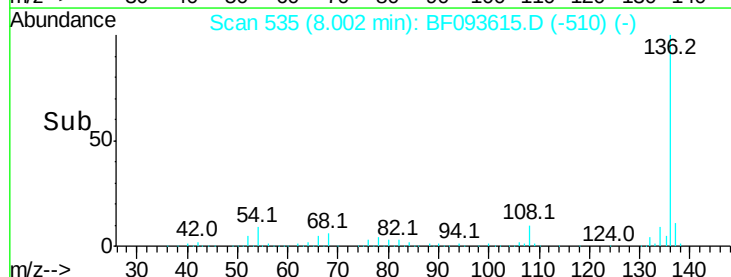
137 10.9 8.4 12.6

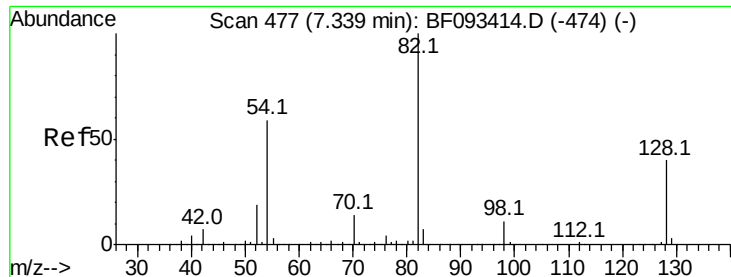
54 8.9 4.5 6.7#

68 6.4 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

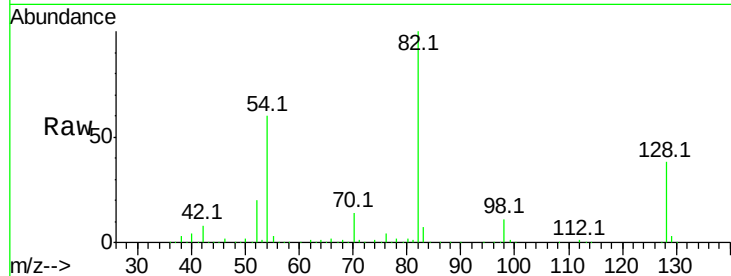




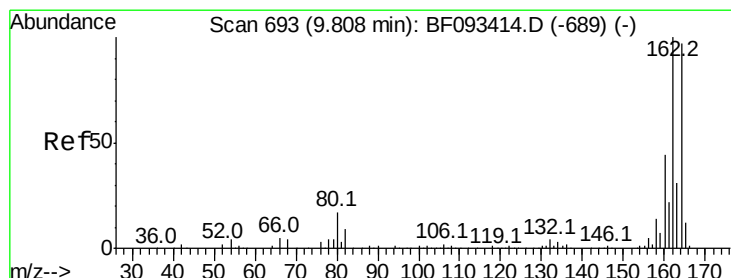
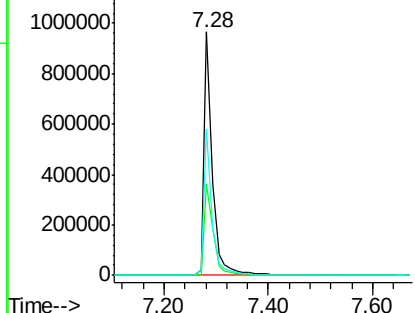
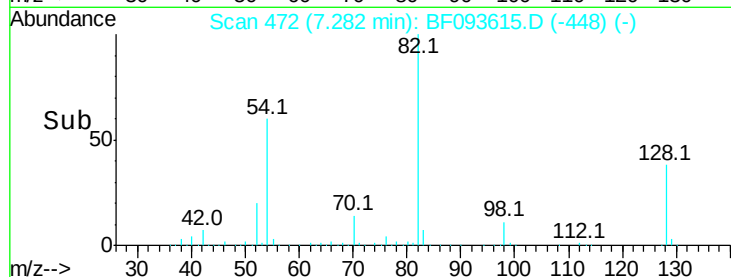
#23
 Nitrobenzene-d5
 Concen: 96.46 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093615.D
 Acq: 13 Mar 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 D-79

Tot Ion: 82 Resp: 1087471
 Ion Ratio Lower Upper
 82 100
 128 37.7 34.6 52.0
 54 60.1 39.5 59.3#

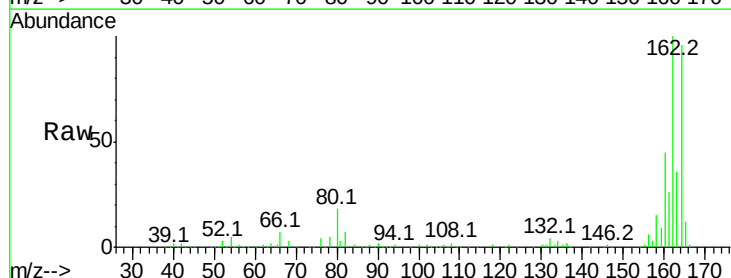


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

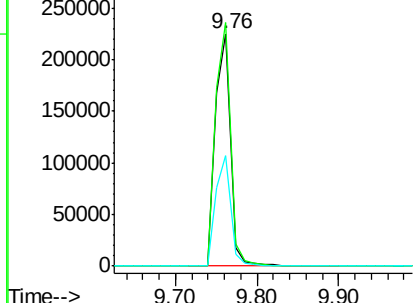
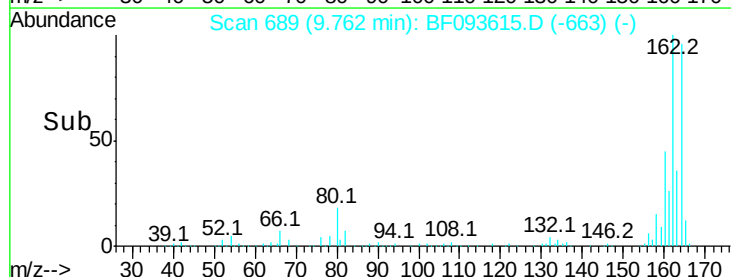


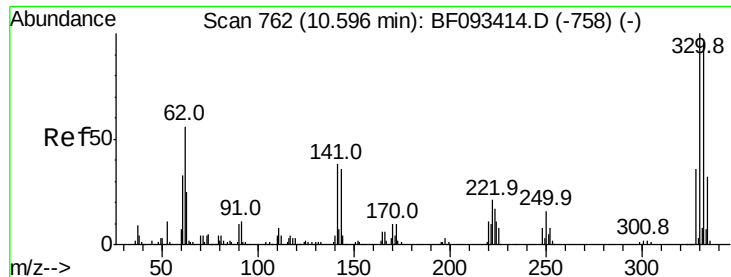
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF093615.D
 Acq: 13 Mar 2017 18:50

Tgt Ion: 164 Resp: 290592
 Ion Ratio Lower Upper
 164 100
 162 104.6 80.2 120.2
 160 47.2 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

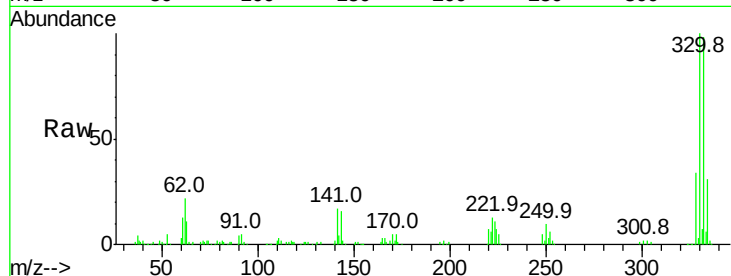




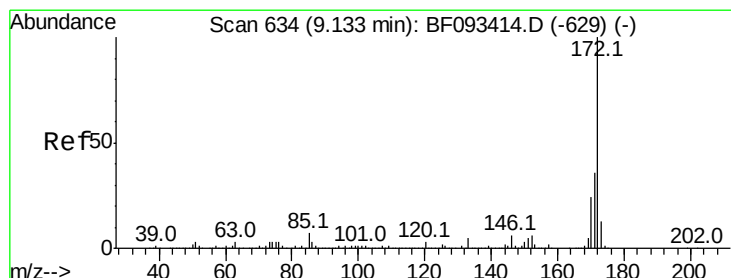
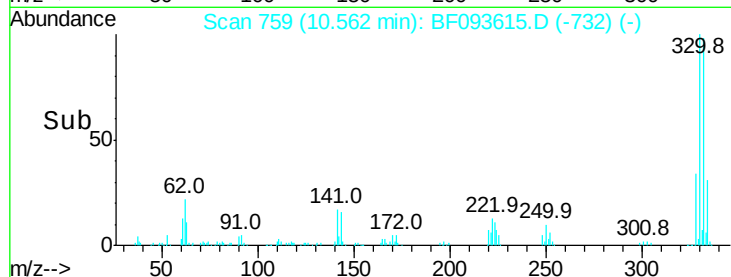
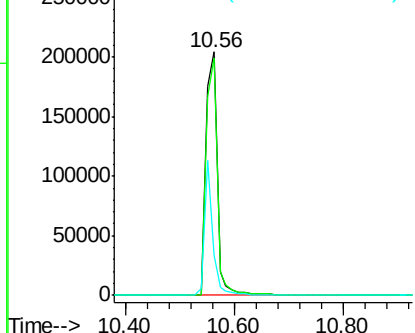
#41
 2,4,6-Tribromophenol
 Concen: 155.10 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093615.D
 Acq: 13 Mar 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 D-79

Tot Ion:330 Resp: 293644
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 40.4 34.1 51.1

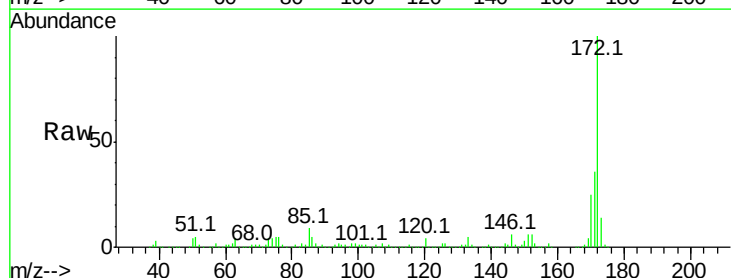


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

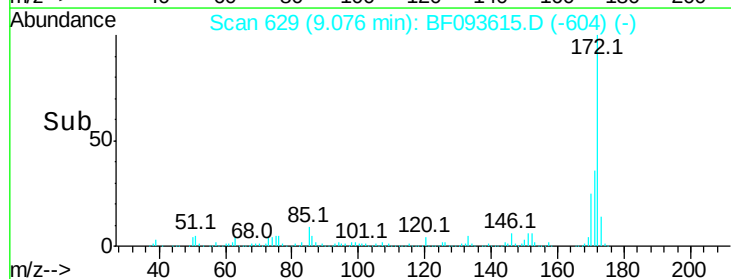
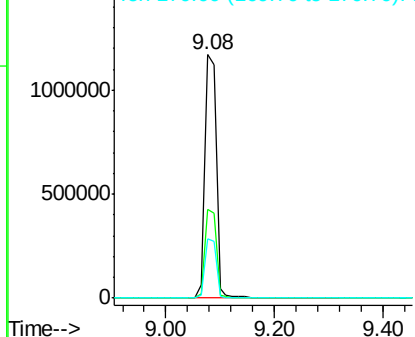


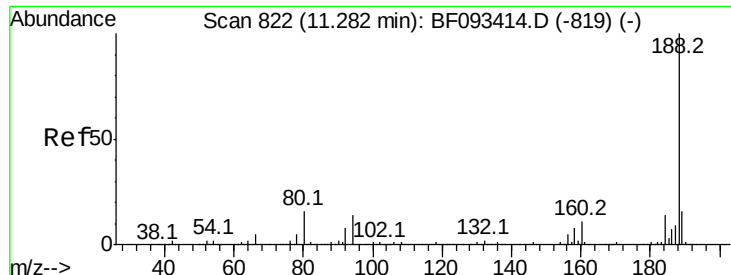
#44
 2-Fluorobiphenyl
 Concen: 108.35 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093615.D
 Acq: 13 Mar 2017 18:50

Tgt Ion:172 Resp: 1692706
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.5 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

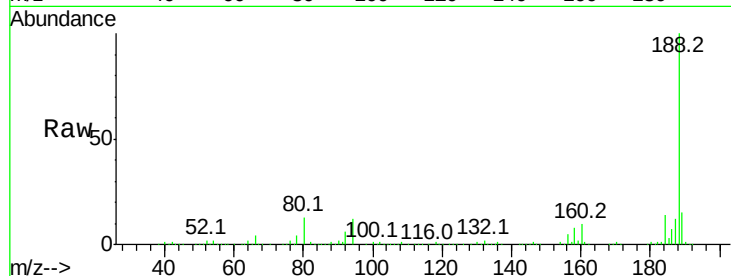




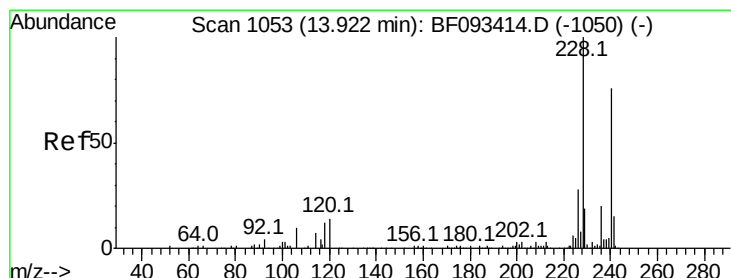
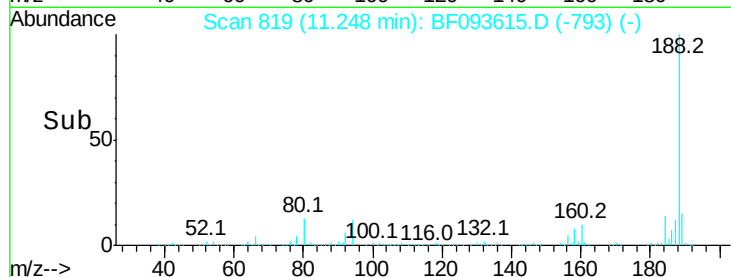
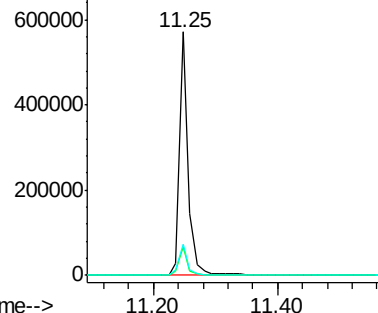
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093615.D
Acq: 13 Mar 2017 18:50

Instrument :
BNA_F
ClientSampleId :
D-79

Tot Ion:188 Resp: 551948
Ion Ratio Lower Upper
188 100
94 11.9 10.0 15.0
80 12.9 11.2 16.8

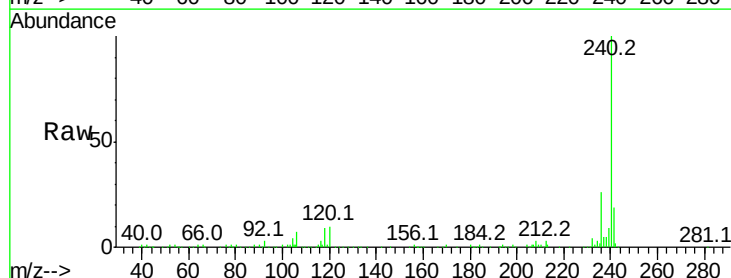


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

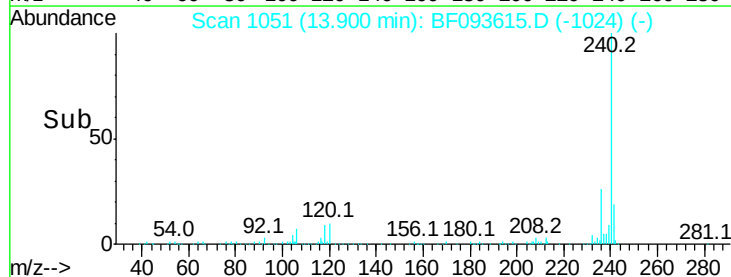
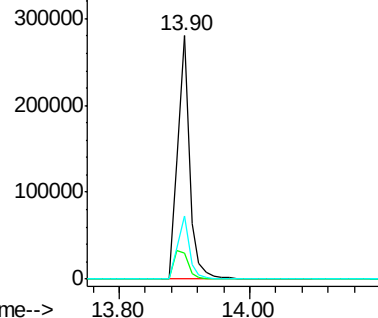


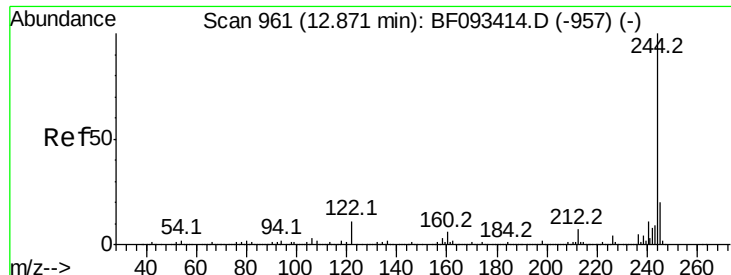
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093615.D
Acq: 13 Mar 2017 18:50

Tgt Ion:240 Resp: 356456
Ion Ratio Lower Upper
240 100
120 10.5 12.9 19.3#
236 25.8 20.9 31.3



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: 96.86 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093615.D

Acq: 13 Mar 2017 18:50

Instrument :

BNA_F

ClientSampleId :

D-79

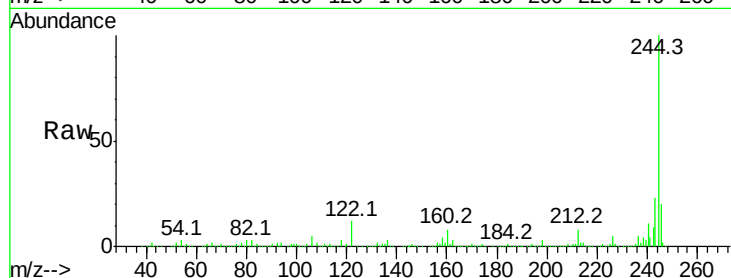
Tot Ion:244 Resp: 1328023

Ion Ratio Lower Upper

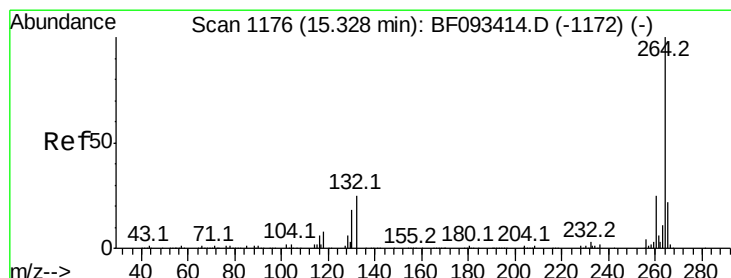
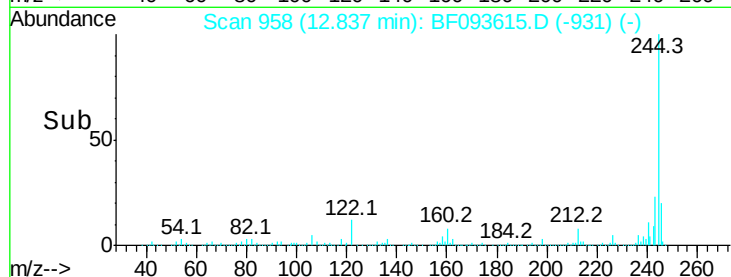
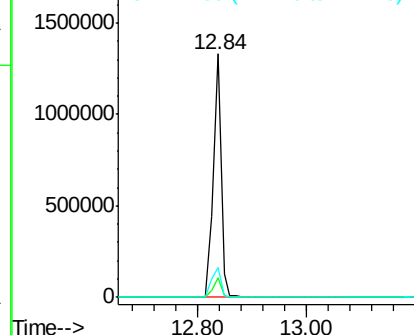
244 100

212 8.1 6.2 9.2

122 12.3 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: 15.31 min Scan# 1174

Delta R.T. 0.02 min

Lab File: BF093615.D

Acq: 13 Mar 2017 18:50

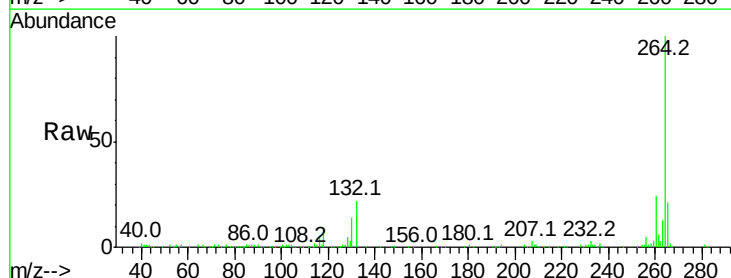
Tgt Ion:264 Resp: 267084

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.9 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

