

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093645.D
 Acq On : 14 Mar 2017 8:57
 Operator : SJ/MA
 Sample : I2201-21
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-121

Quant Time: Mar 15 03:15:25 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	163996	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	643213	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	301721	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	592316	20.00	ng	0.00
75) Chrysene-d12	13.90	240	418033	20.00	ng	0.01
86) Perylene-d12	15.31	264	151640	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1510592	153.30	ng	0.00
7) Phenol-d6	6.37	99	1840675	148.13	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1198532	103.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	361758	184.03	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1892117	116.64	ng	-0.01
78) Terphenyl-d14	12.84	244	1572916	97.83	ng	0.01

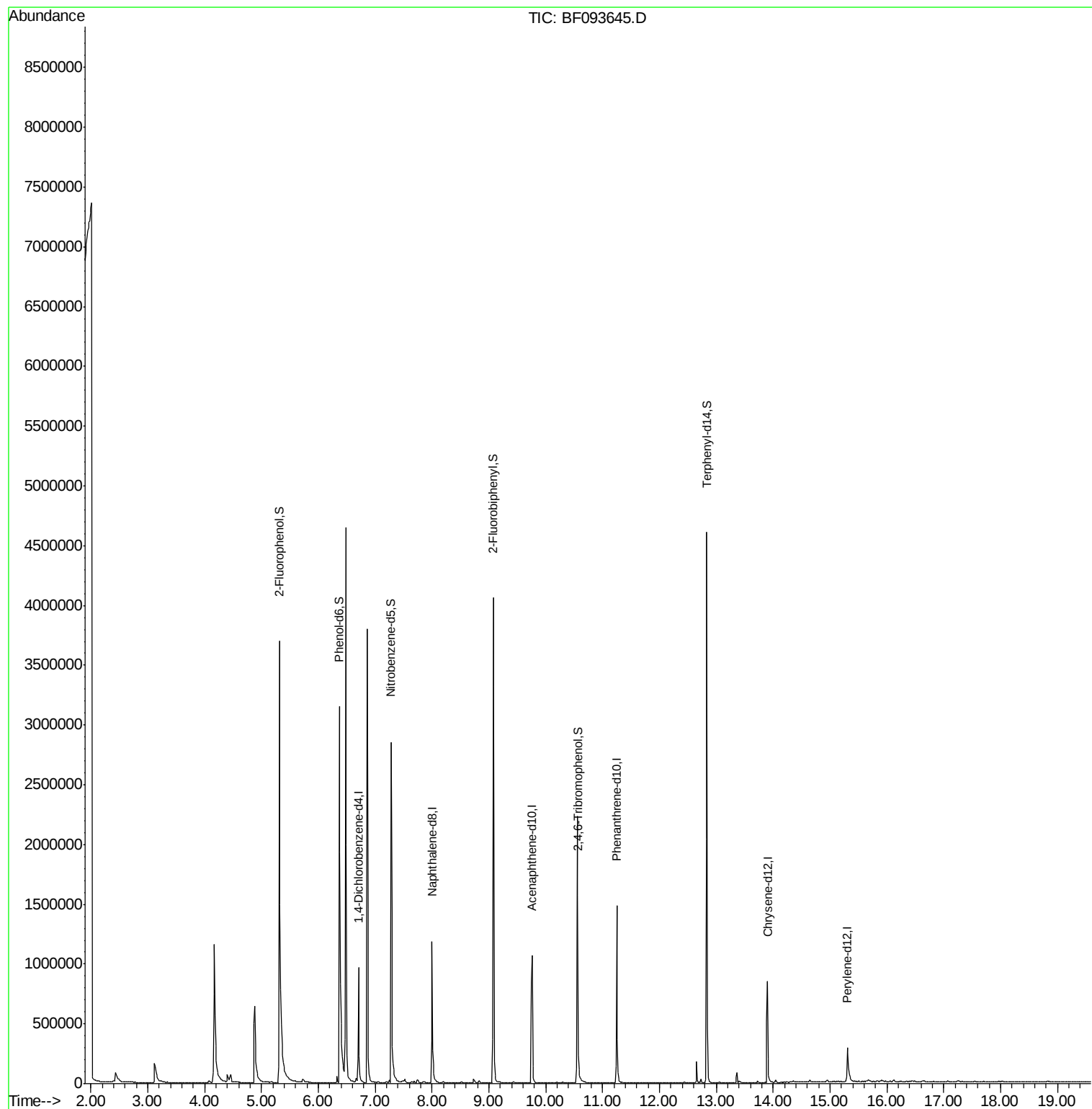
Target Compounds Qvalue

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

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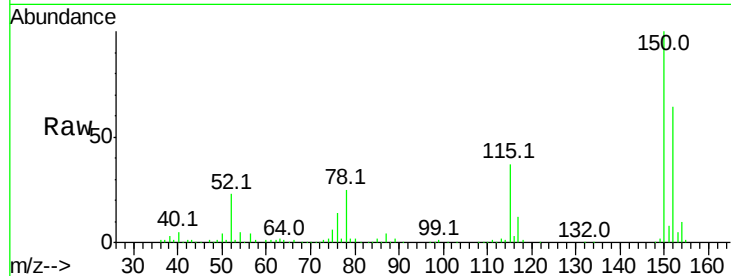


#1

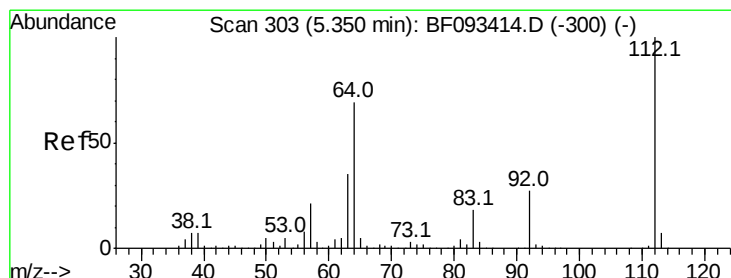
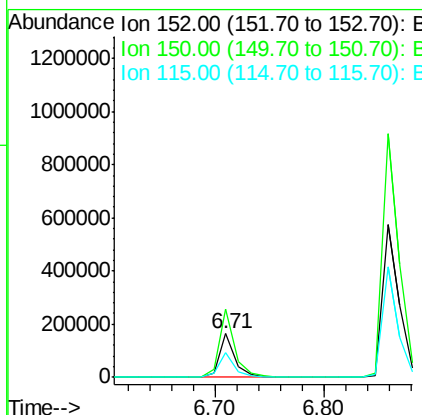
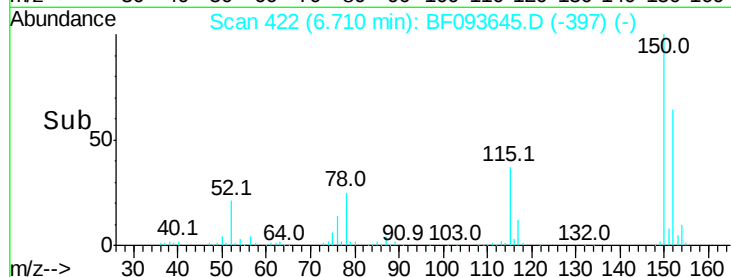
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF093645.D
 Acq: 14 Mar 2017 8:57

Instrument :
 BNA_F
 ClientSampleId :
 D-121

Tot Ion:152 Resp: 163996
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.9 187.3
 115 57.8 46.0 69.0



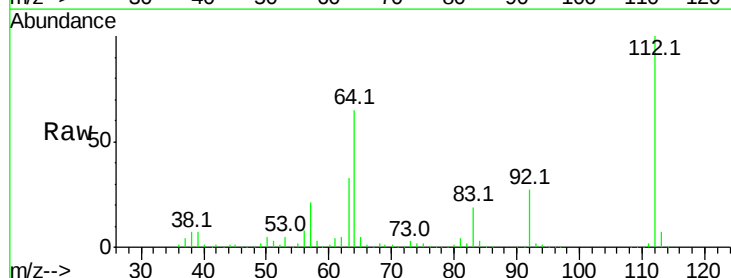
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



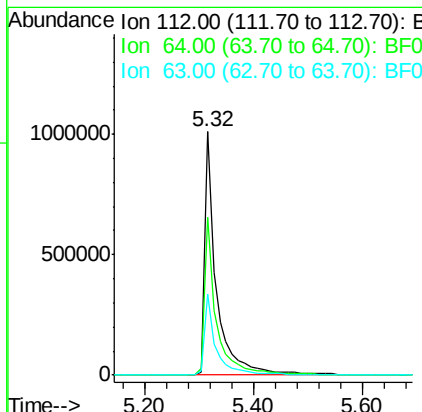
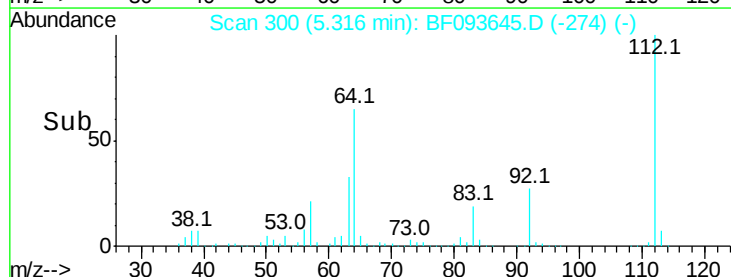
#5

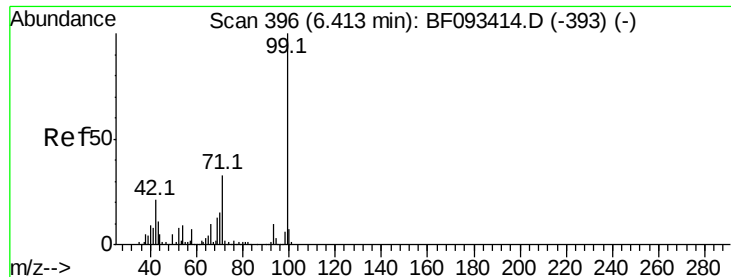
2-Fluorophenol
 Concen: 153.30 ng
 RT: 5.32 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: BF093645.D
 Acq: 14 Mar 2017 8:57

Tgt Ion:112 Resp: 1510592
 Ion Ratio Lower Upper
 112 100
 64 64.9 46.1 69.1
 63 33.2 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: 148.13 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093645.D

Acq: 14 Mar 2017 8:57

Instrument :

BNA_F

ClientSampleId :

D-121

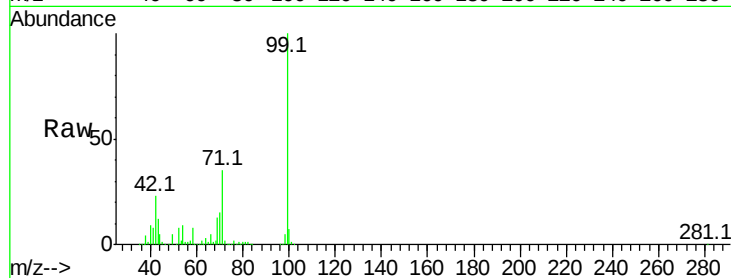
Tot Ion: 99 Resp: 1840675

Ion Ratio Lower Upper

99 100

42 23.2 15.6 23.4

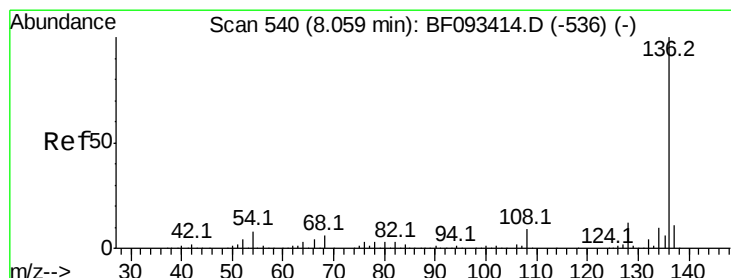
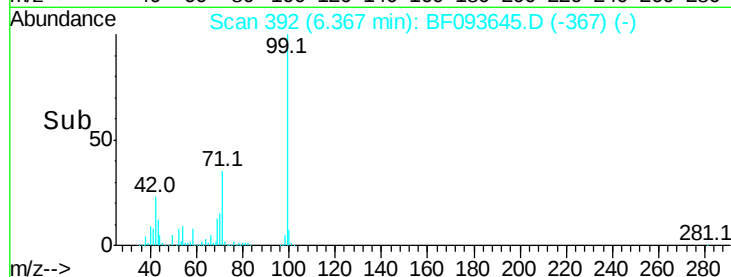
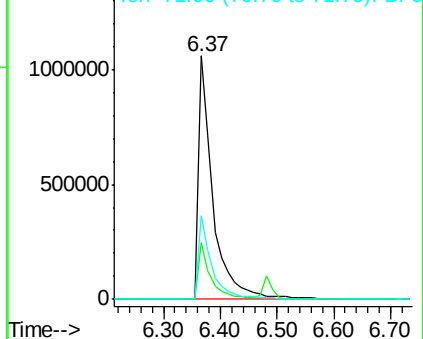
71 34.5 27.5 41.3



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: BF093645.D

Acq: 14 Mar 2017 8:57

Tgt Ion: 136 Resp: 643213

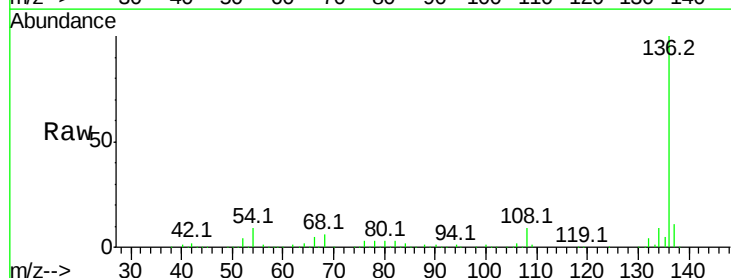
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.9 4.5 6.7#

68 6.3 3.6 5.4#

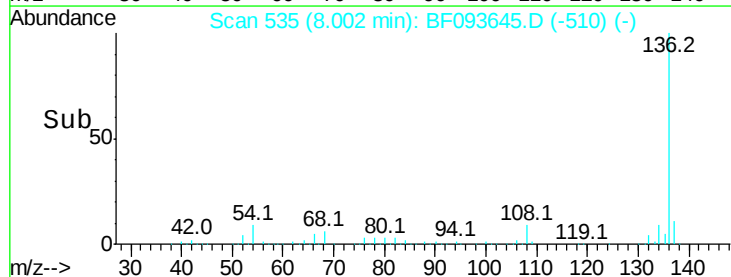
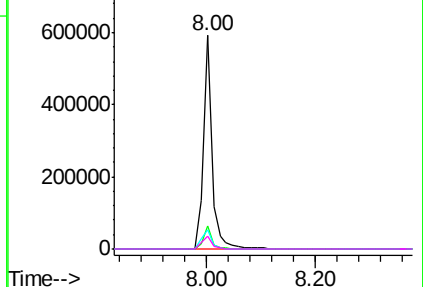


Abundance Ion 136.00 (135.70 to 136.70): E

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

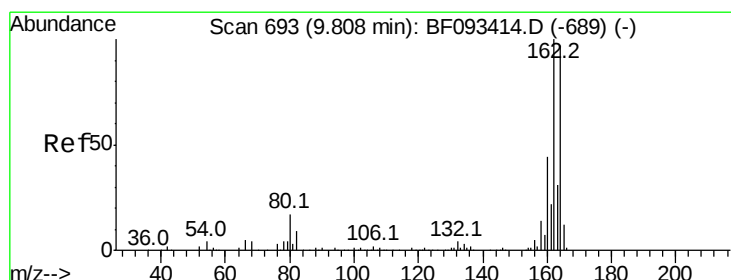
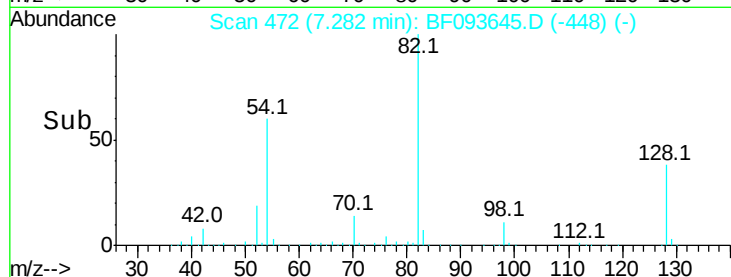
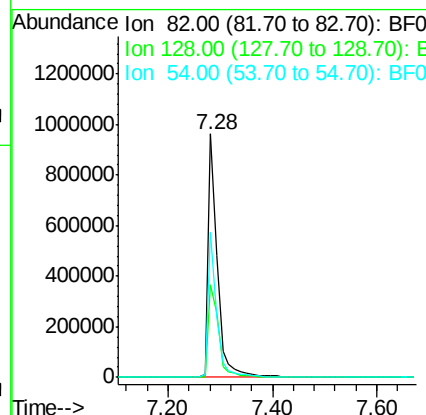
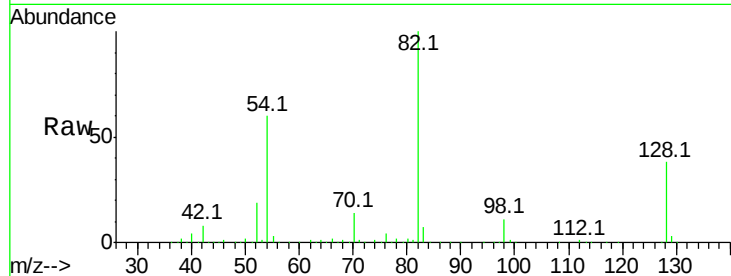




#23
Nitrobenzene-d5
Concen: 103.39 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093645.D
Acq: 14 Mar 2017 8:57

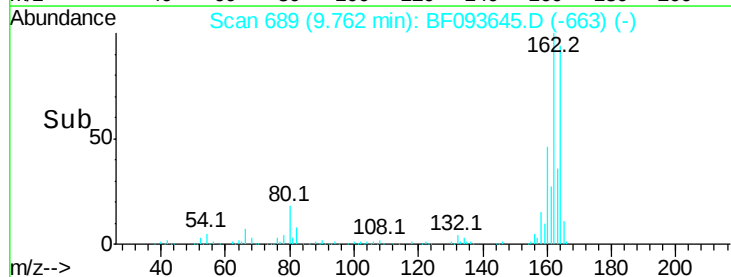
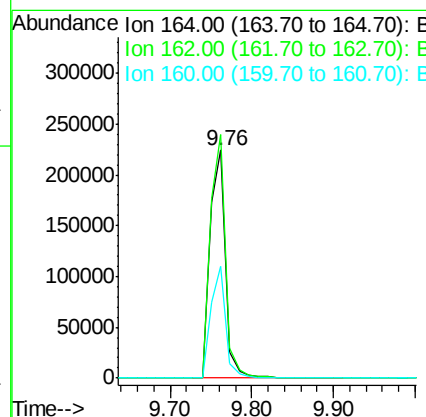
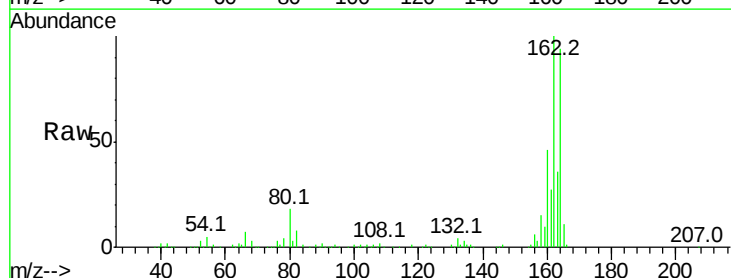
Instrument :
BNA_F
ClientSampleId :
D-121

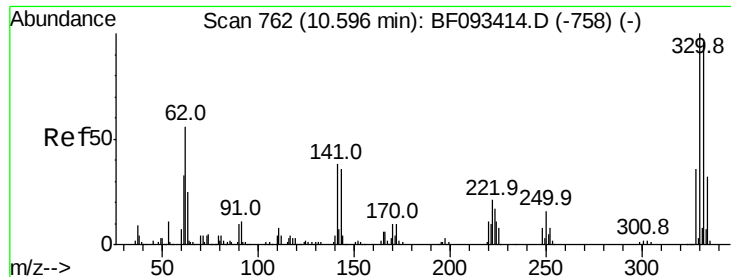
Tot Ion: 82 Resp: 1198532
Ion Ratio Lower Upper
82 100
128 37.9 34.6 52.0
54 59.8 39.5 59.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093645.D
Acq: 14 Mar 2017 8:57

Tgt Ion:164 Resp: 301721
Ion Ratio Lower Upper
164 100
162 106.8 80.2 120.2
160 48.8 36.9 55.3

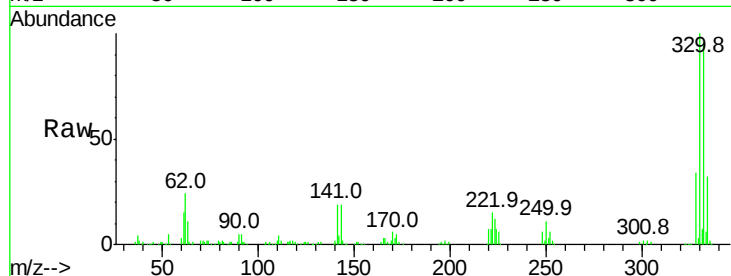




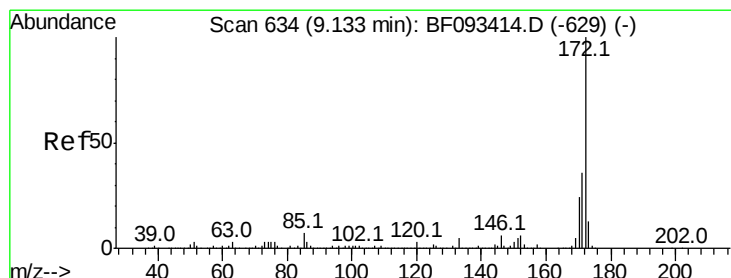
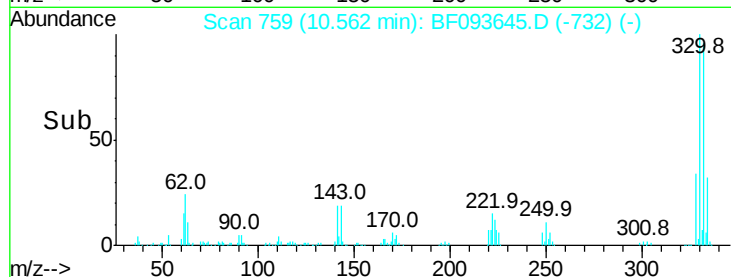
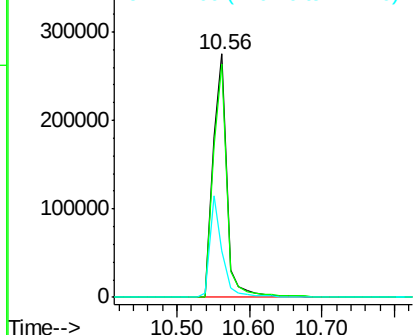
#41
 2,4,6-Tribromophenol
 Concen: 184.03 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093645.D
 Acq: 14 Mar 2017 8:57

Instrument :
 BNA_F
 ClientSampleId :
 D-121

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	38.2	34.1	51.1

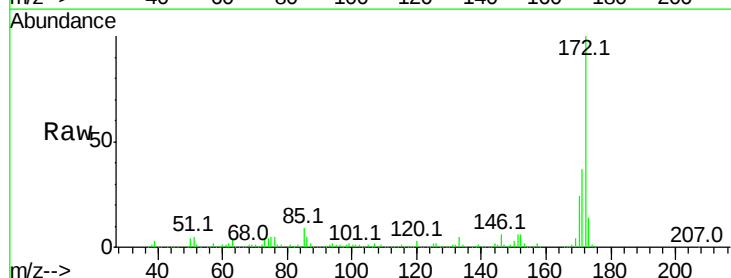


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

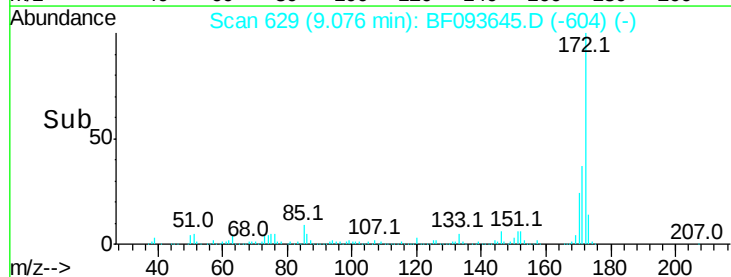
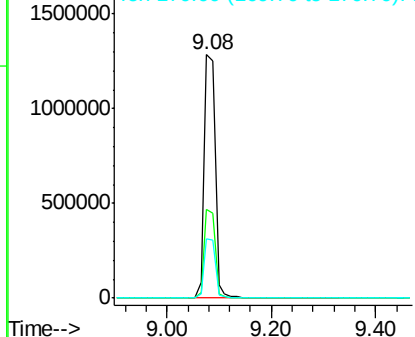


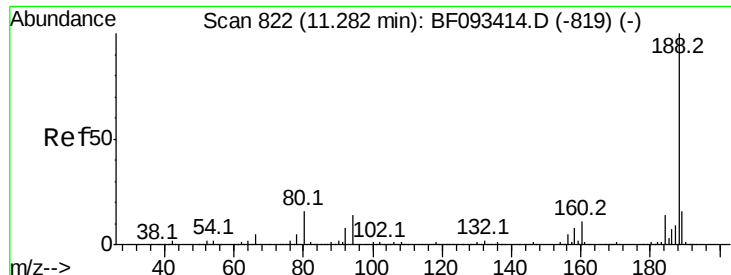
#44
 2-Fluorobiphenyl
 Concen: 116.64 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093645.D
 Acq: 14 Mar 2017 8:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	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

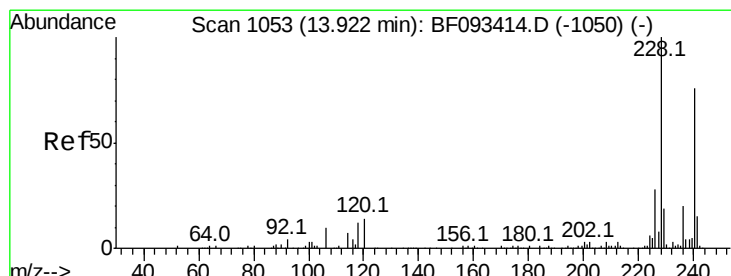
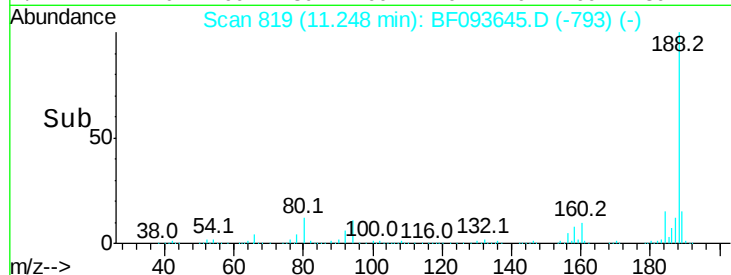
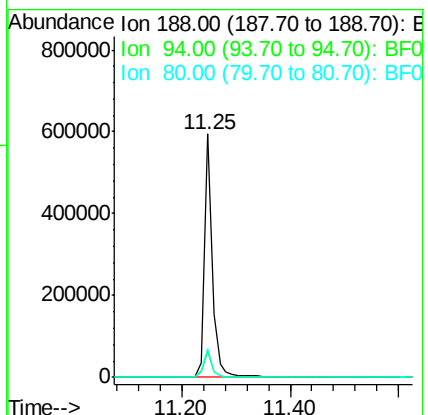
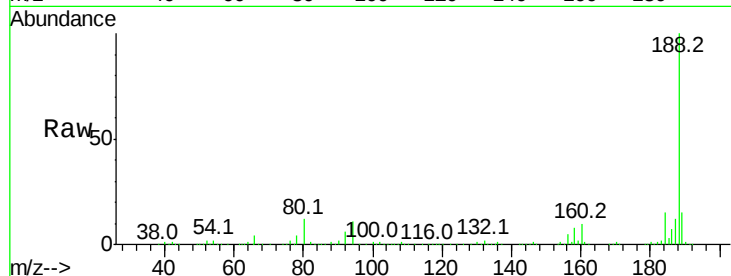




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093645.D
Acq: 14 Mar 2017 8:57

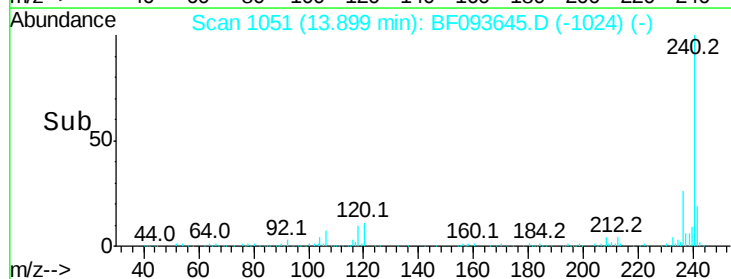
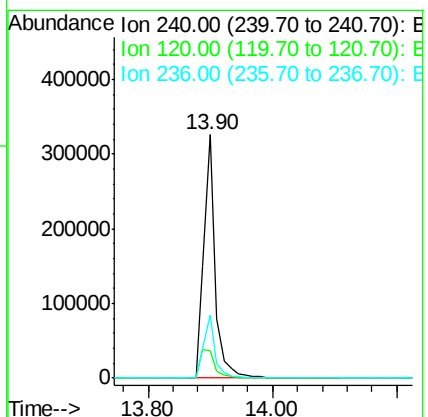
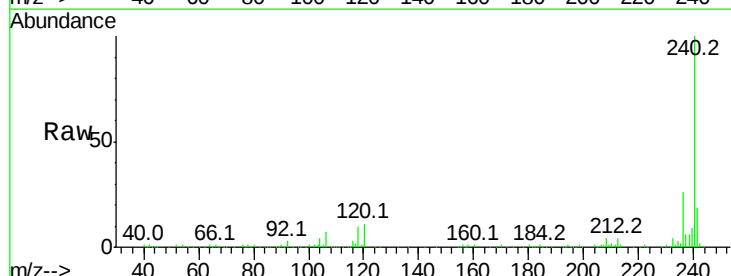
Instrument :
BNA_F
ClientSampleId :
D-121

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	10.0	15.0
80	11.9	11.2	16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093645.D
Acq: 14 Mar 2017 8:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	12.9	19.3#
236	25.8	20.9	31.3





#78

Terphenyl-d14

Concen: 97.83 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093645.D

Acq: 14 Mar 2017 8:57

Instrument :

BNA_F

ClientSampleId :

D-121

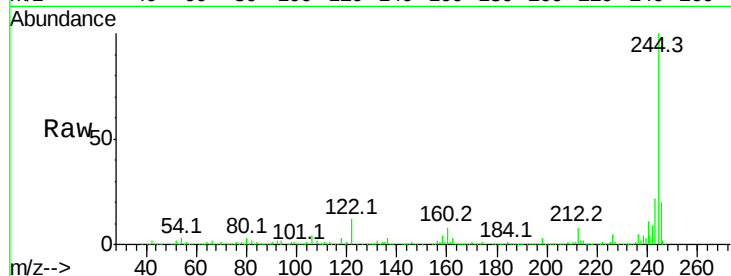
Tot Ion:244 Resp: 1572916

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

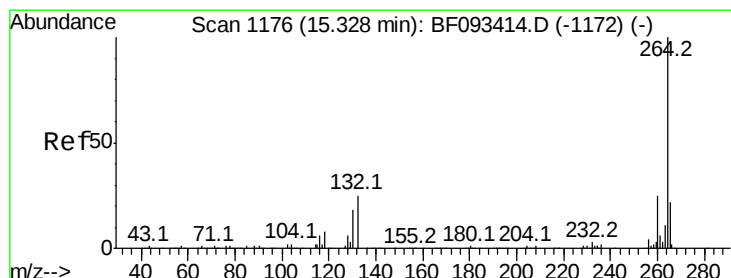
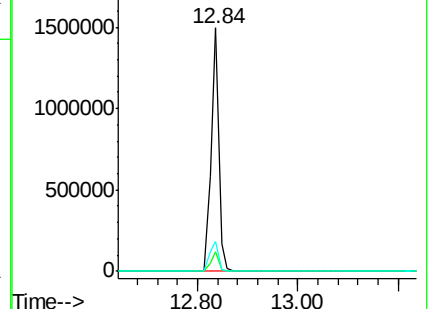
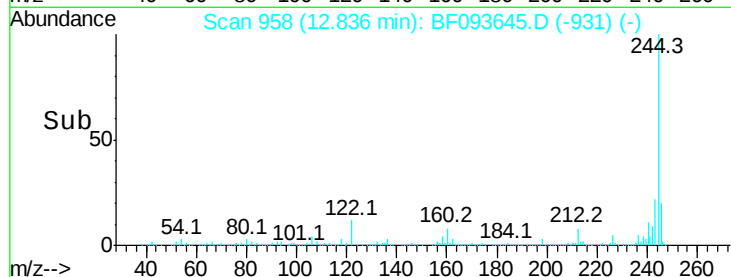
122 12.3 11.4 17.2



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: BF093645.D

Acq: 14 Mar 2017 8:57

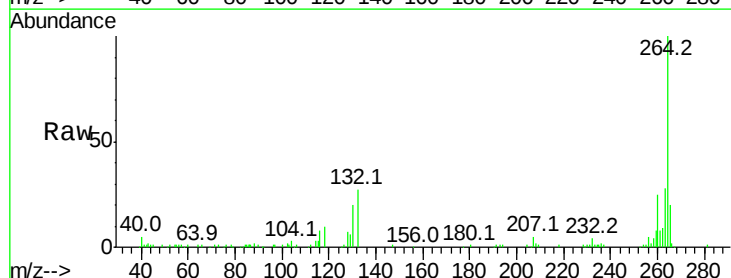
Tgt Ion:264 Resp: 151640

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 20.0 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

