

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093630.D
 Acq On : 14 Mar 2017 2:02
 Operator : SJ/MA
 Sample : I2199-22
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-89

Quant Time: Mar 14 02:31:38 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	169932	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	679154	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	325813	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	636566	20.00	ng	0.00
75) Chrysene-d12	13.90	240	492664	20.00	ng	0.01
86) Perylene-d12	15.31	264	280035	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1480667	145.02	ng	0.00
7) Phenol-d6	6.37	99	1838231	142.77	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1211830	99.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	377847	178.00	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1964397	112.15	ng	0.00
78) Terphenyl-d14	12.84	244	1710957	90.29	ng	0.01

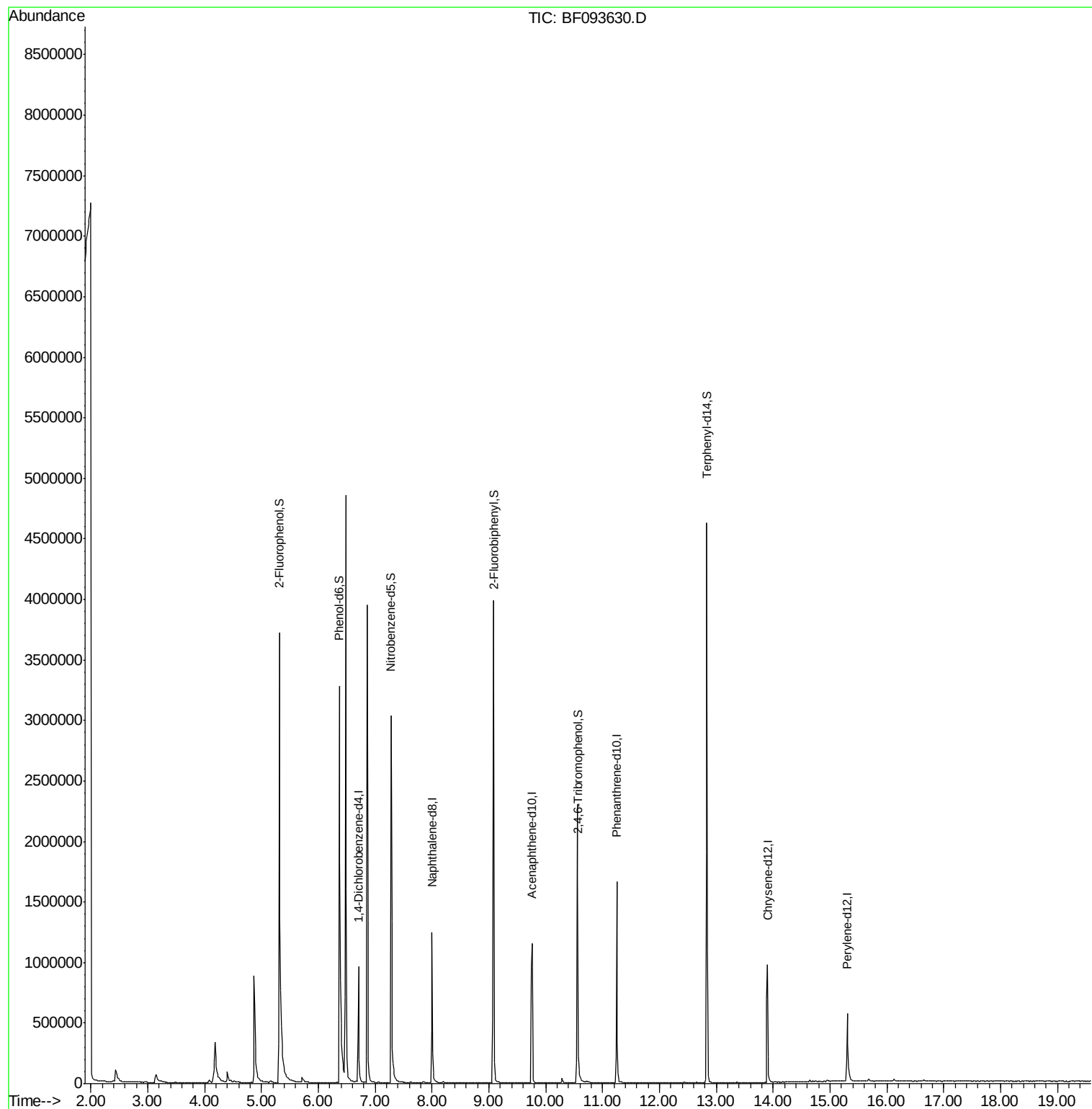
Target Compounds Qvalue

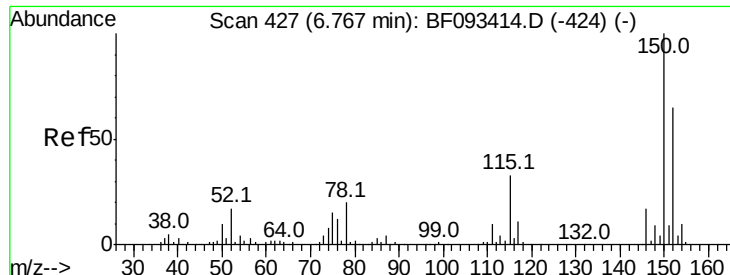
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093630.D

Acq: 14 Mar 2017 2:02

Instrument :

BNA_F

ClientSampleId :

D-89

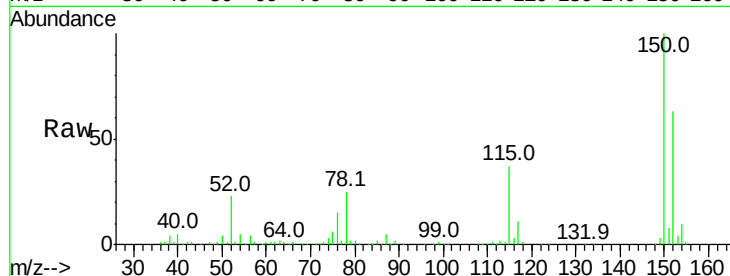
Tot Ion:152 Resp: 169932

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

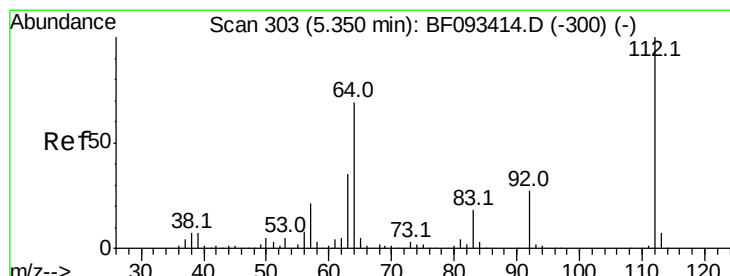
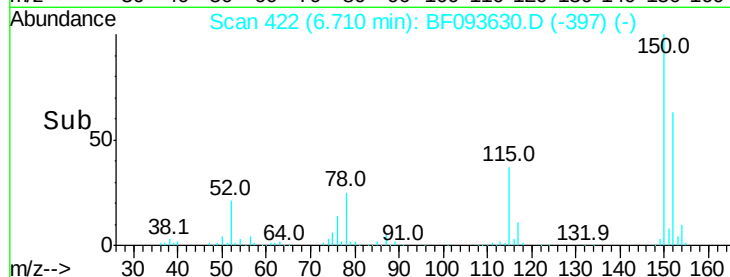
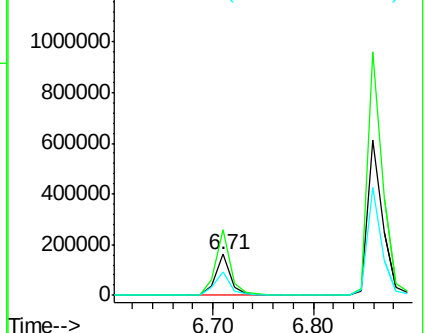
115 58.0 46.0 69.0



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: 145.02 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093630.D

Acq: 14 Mar 2017 2:02

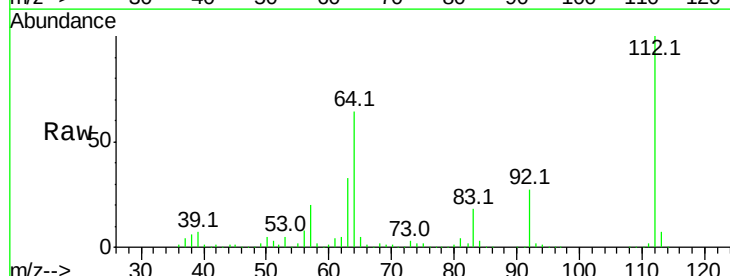
Tgt Ion:112 Resp: 1480667

Ion Ratio Lower Upper

112 100

64 64.1 46.1 69.1

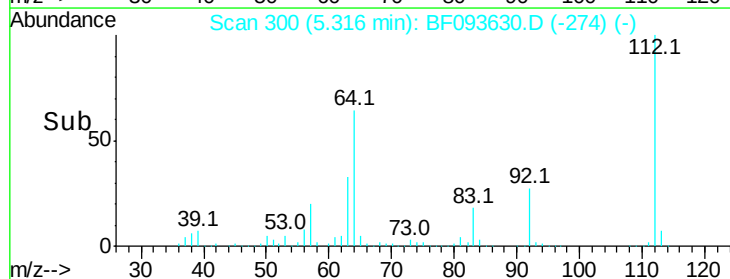
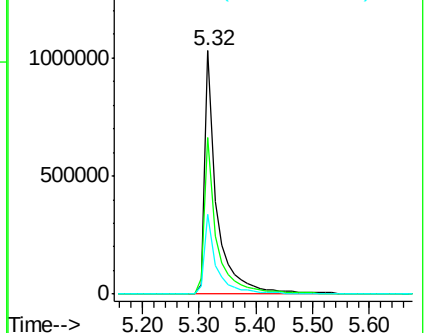
63 32.6 23.8 35.6

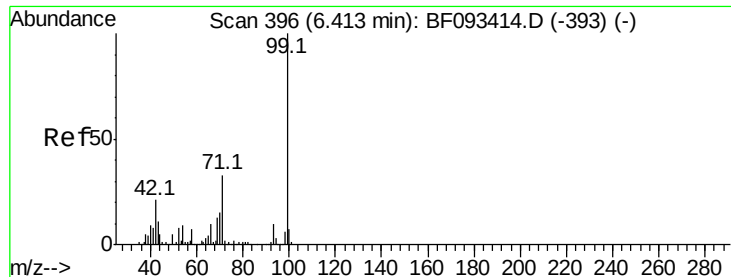


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.77 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093630.D

Acq: 14 Mar 2017 2:02

Instrument :

BNA_F

ClientSampled :

D-89

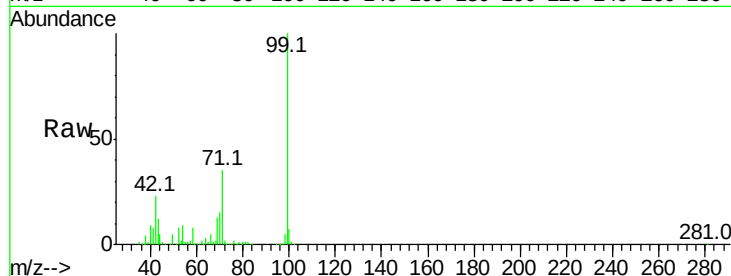
Tot Ion: 99 Resp: 1838231

Ion Ratio Lower Upper

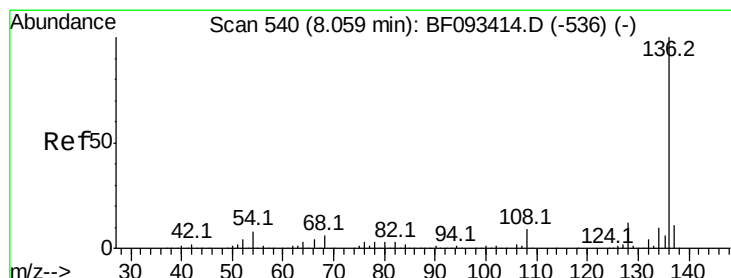
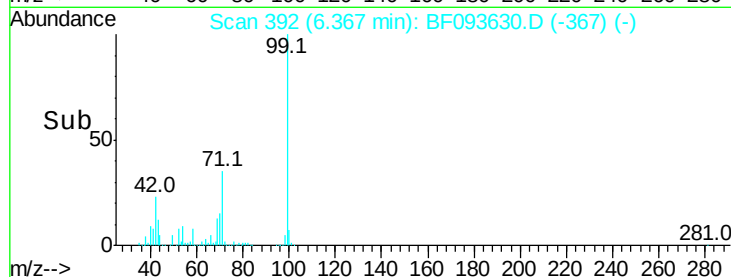
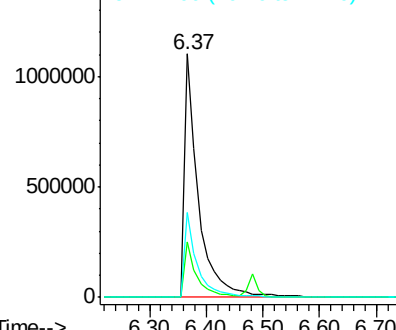
99 100

42 22.7 15.6 23.4

71 34.9 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: BF093630.D

Acq: 14 Mar 2017 2:02

Tgt Ion: 136 Resp: 679154

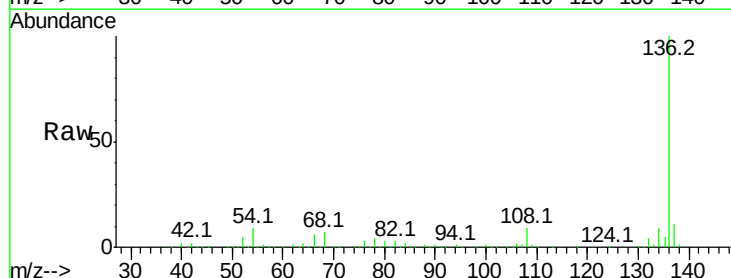
Ion Ratio Lower Upper

136 100

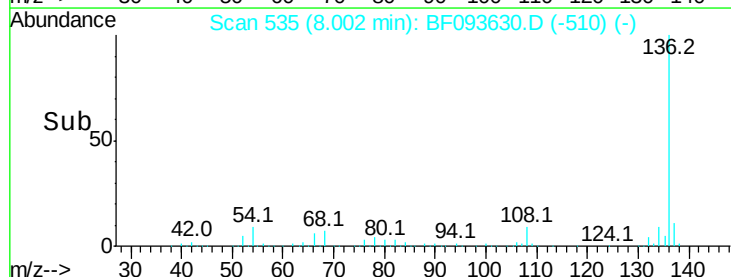
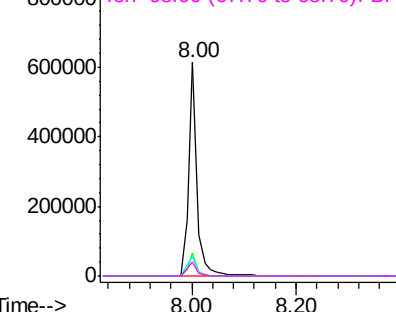
137 10.9 8.4 12.6

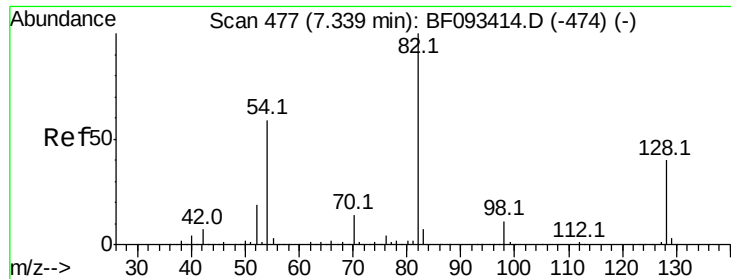
54 8.9 4.5 6.7#

68 6.7 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



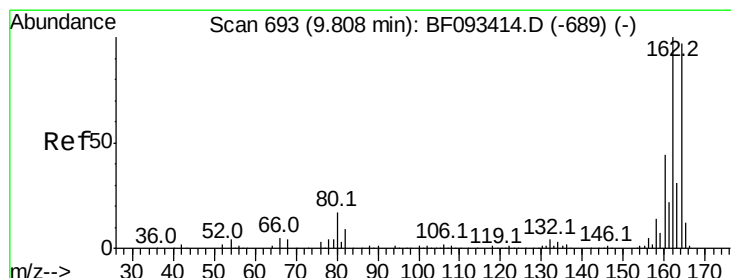
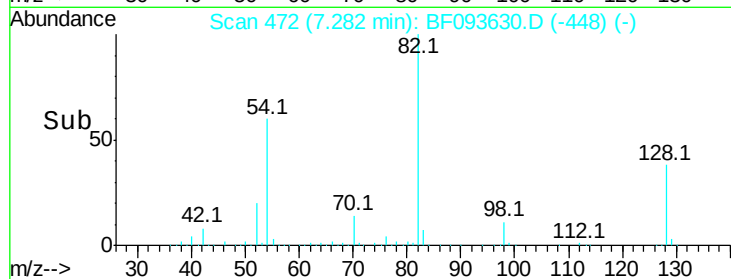
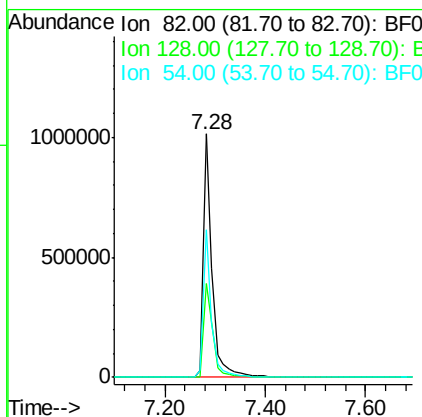
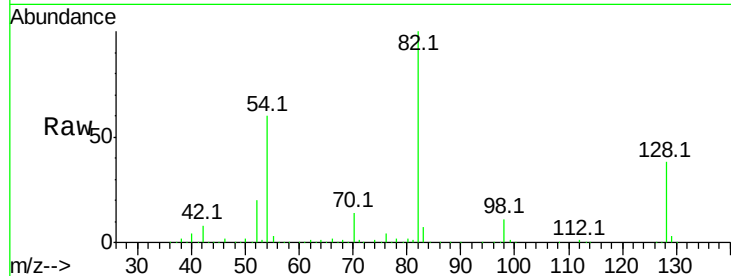


#23
 Nitrobenzene-d5
 Concen: 99.00 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093630.D
 Acq: 14 Mar 2017 2:02

Instrument :
 BNA_F
 ClientSampleID :
 D-89

Tot Ion: 82 Resp: 1211830

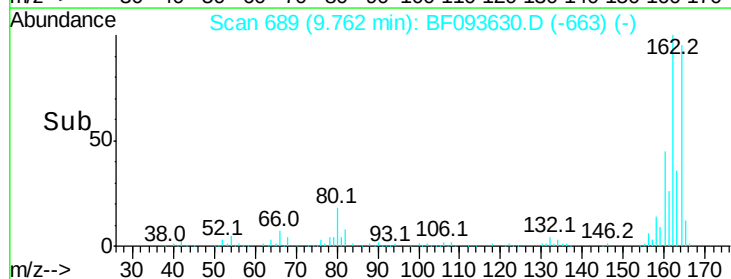
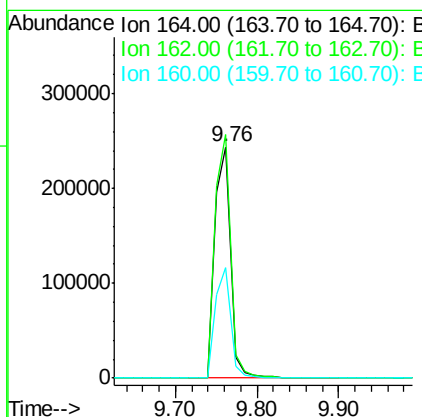
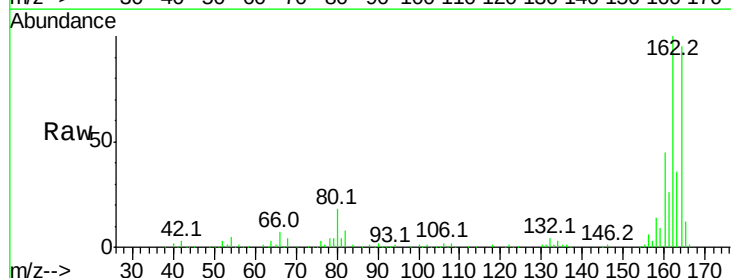
Ion	Ratio	Lower	Upper
82	100		
128	38.4	34.6	52.0
54	60.4	39.5	59.3#

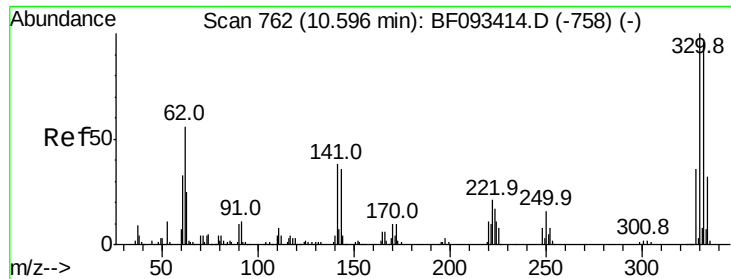


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF093630.D
 Acq: 14 Mar 2017 2:02

Tgt Ion: 164 Resp: 325813

Ion	Ratio	Lower	Upper
164	100		
162	105.3	80.2	120.2
160	47.5	36.9	55.3

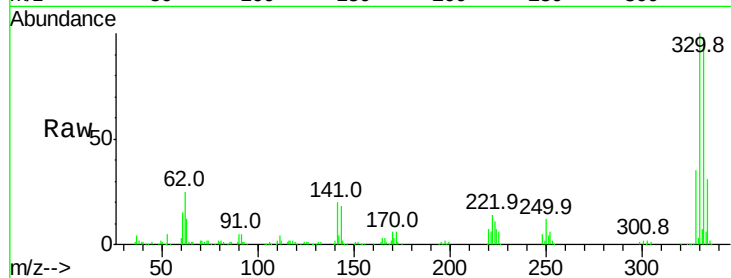




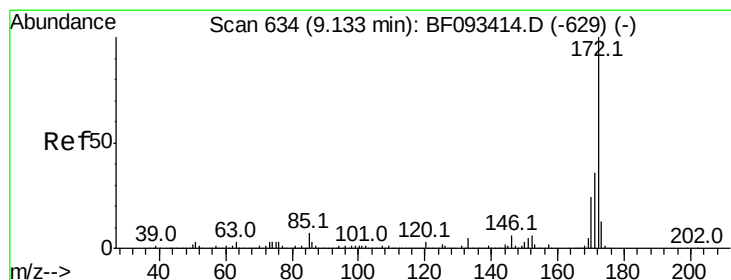
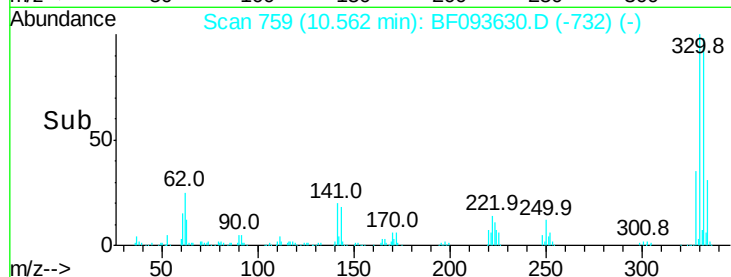
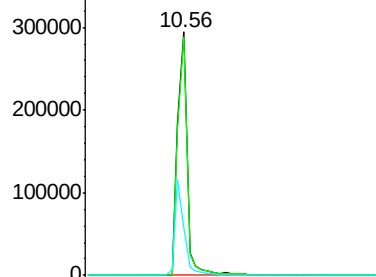
#41
 2,4,6-Tribromophenol
 Concen: 178.00 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093630.D
 Acq: 14 Mar 2017 2:02

Instrument :
 BNA_F
 ClientSampleId :
 D-89

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	38.2	34.1	51.1

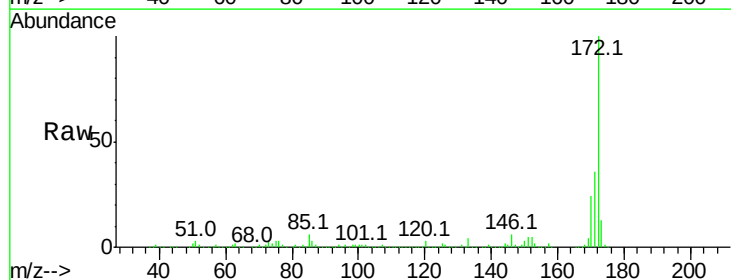


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

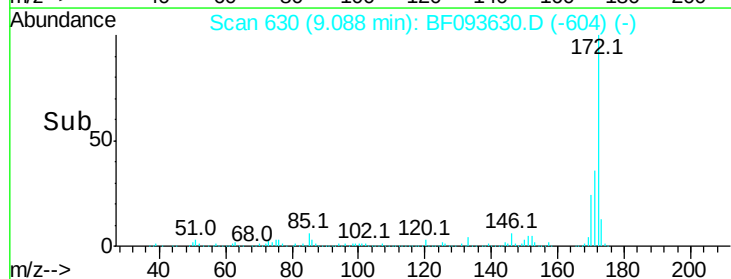
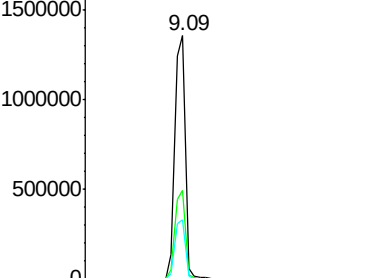


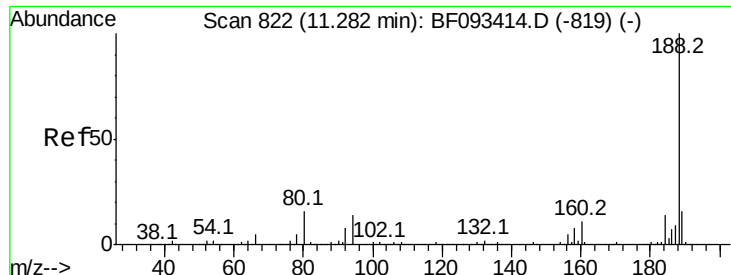
#44
 2-Fluorobiphenyl
 Concen: 112.15 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093630.D
 Acq: 14 Mar 2017 2:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

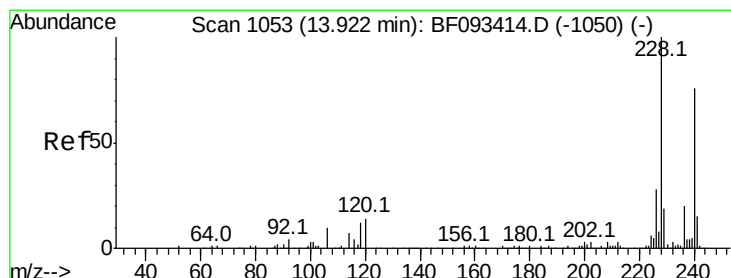
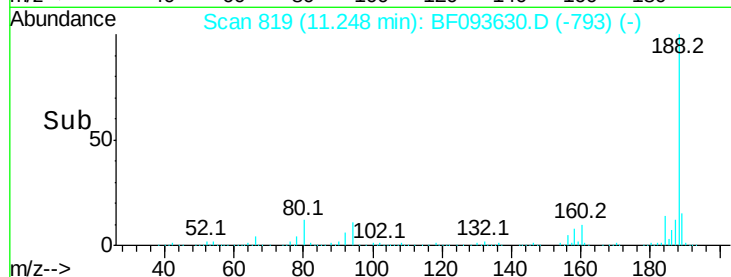
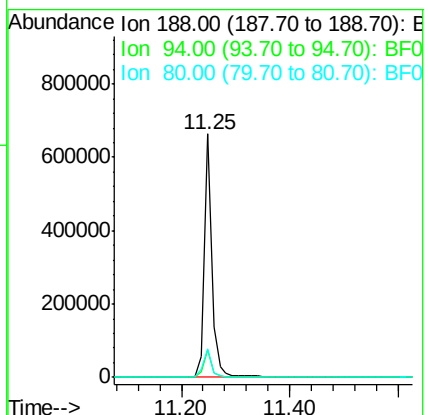
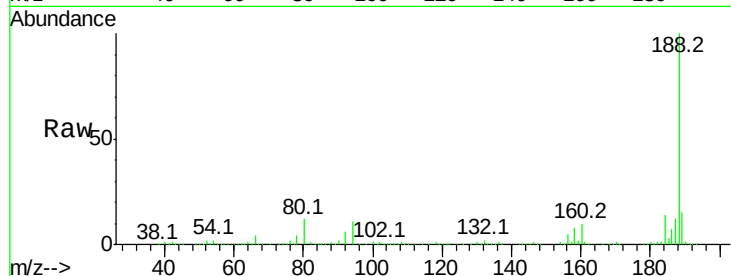




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

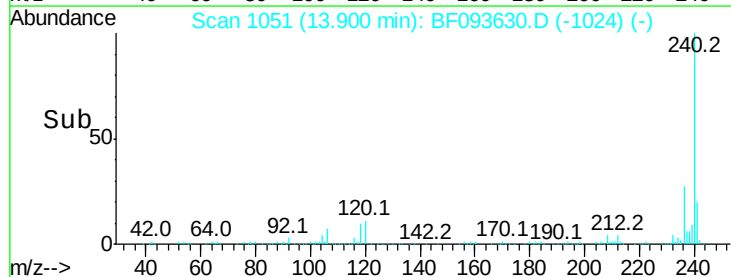
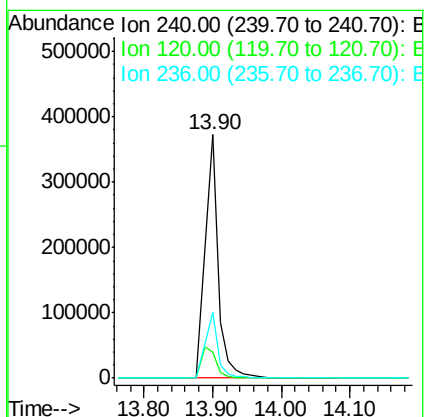
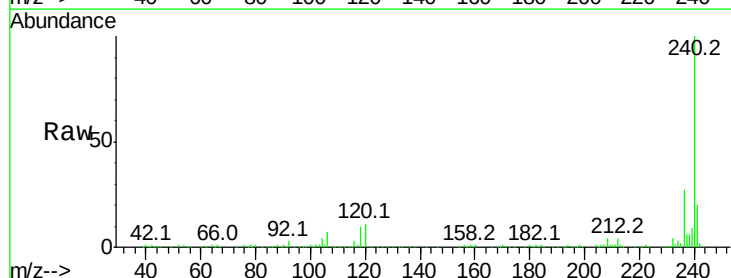
Instrument :
BNA_F
ClientSampleId :
D-89

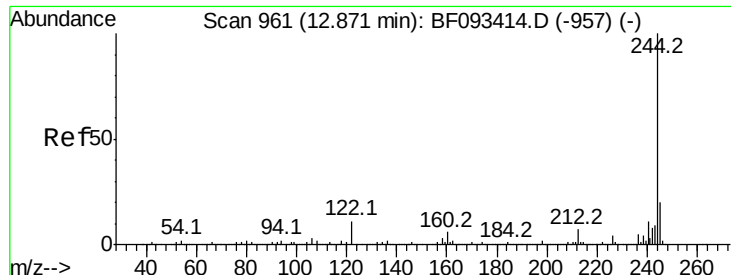
Tot Ion:188 Resp: 636566
Ion Ratio Lower Upper
188 100
94 11.0 10.0 15.0
80 11.8 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Tgt Ion:240 Resp: 492664
Ion Ratio Lower Upper
240 100
120 10.7 12.9 19.3#
236 26.8 20.9 31.3





#78

Terphenyl-d14

Concen: 90.29 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093630.D

Acq: 14 Mar 2017 2:02

Instrument :

BNA_F

ClientSampleId :

D-89

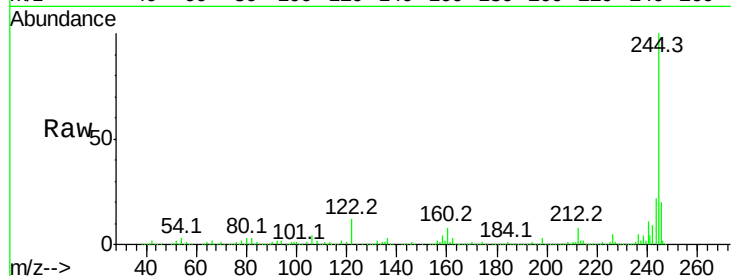
Tot Ion:244 Resp: 1710957

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

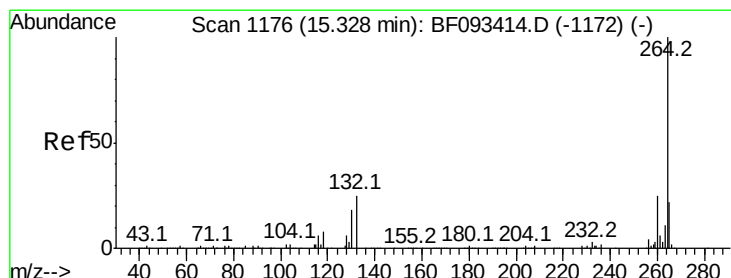
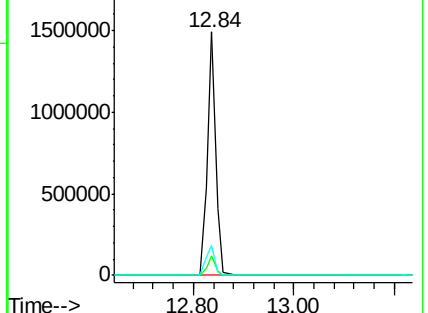
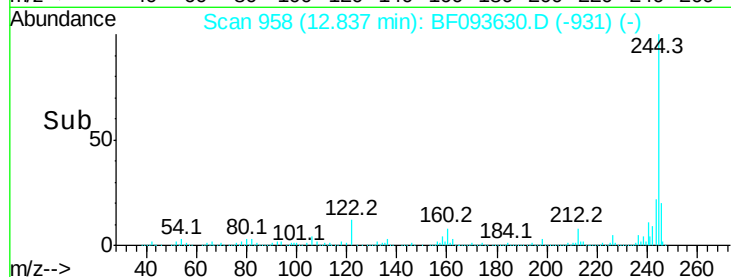
122 12.1 11.4 17.2



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: BF093630.D

Acq: 14 Mar 2017 2:02

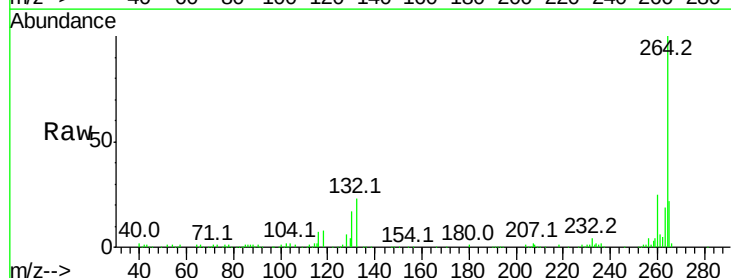
Tgt Ion:264 Resp: 280035

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 21.7 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

