

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093472.D
 Acq On : 9 Mar 2017 12:38
 Operator : SJ/MA
 Sample : I2129-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-30

Quant Time: Mar 09 13:07:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	176278	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	697681	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	289631	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	441773	20.00	ng	0.00
75) Chrysene-d12	13.93	240	374179	20.00	ng	0.01
86) Perylene-d12	15.35	264	264509	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1261784	119.13	ng	0.01
7) Phenol-d6	6.41	99	1464294	109.63	ng	0.00
23) Nitrobenzene-d5	7.34	82	1025151	81.53	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	212350	112.53	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1551326	99.63	ng	0.00
78) Terphenyl-d14	12.87	244	992893	68.99	ng	0.00

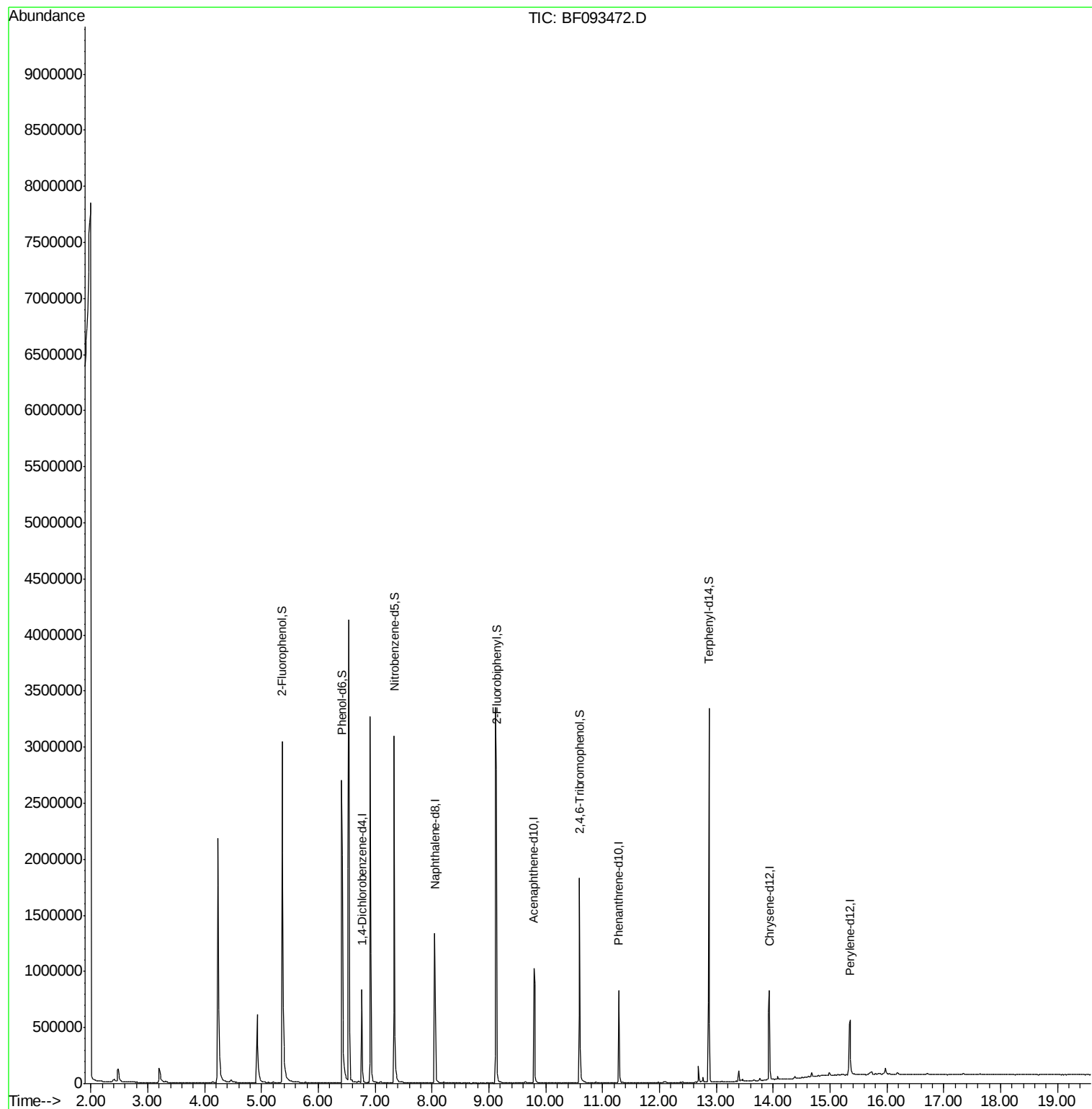
Target Compounds Qvalue

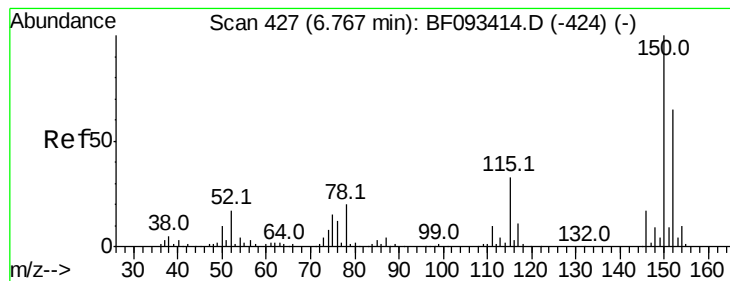
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093472.D

Acq: 9 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

D-30

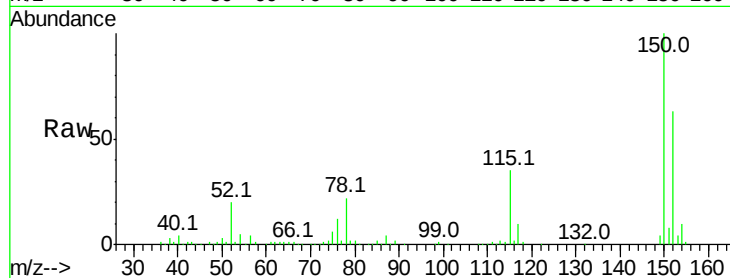
Tot Ion:152 Resp: 176278

Ion Ratio Lower Upper

152 100

150 158.4 124.9 187.3

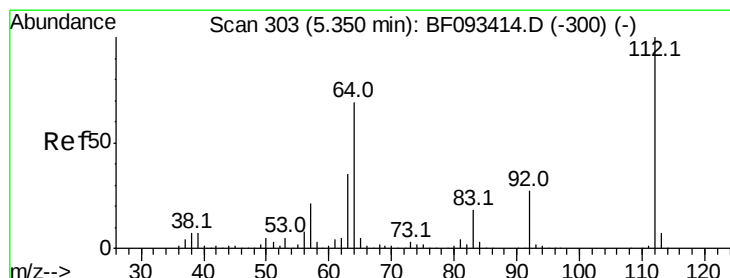
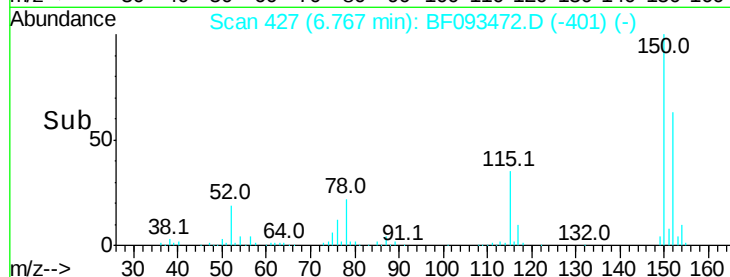
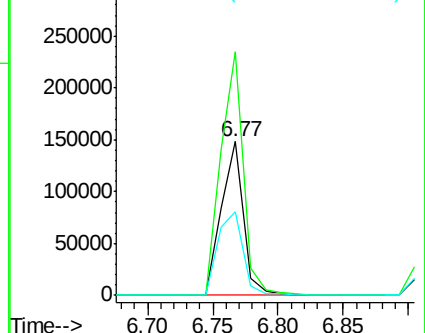
115 54.7 46.0 69.0



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: 119.13 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093472.D

Acq: 9 Mar 2017 12:38

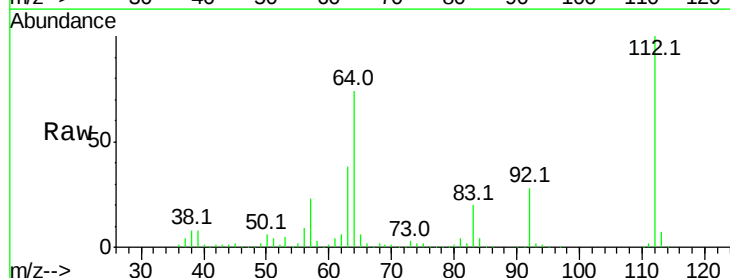
Tgt Ion:112 Resp: 1261784

Ion Ratio Lower Upper

112 100

64 73.8 46.1 69.1#

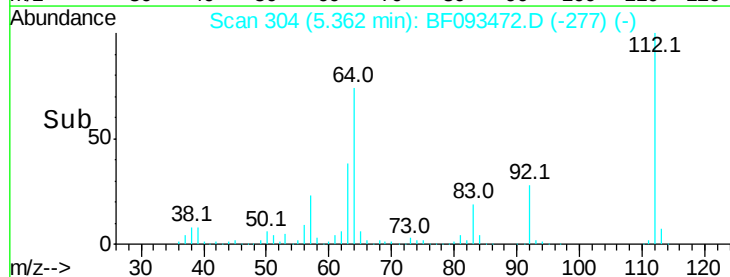
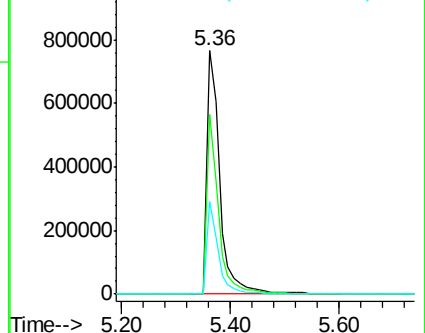
63 37.9 23.8 35.6#

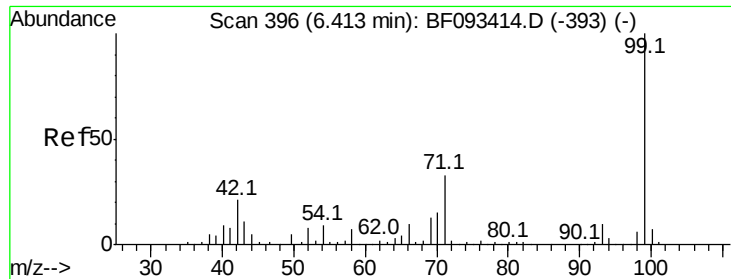


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.63 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093472.D

Acq: 9 Mar 2017 12:38

Instrument :

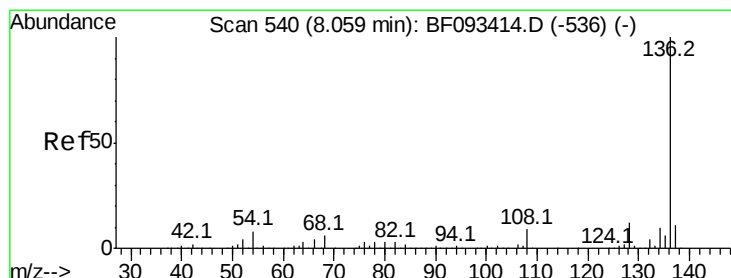
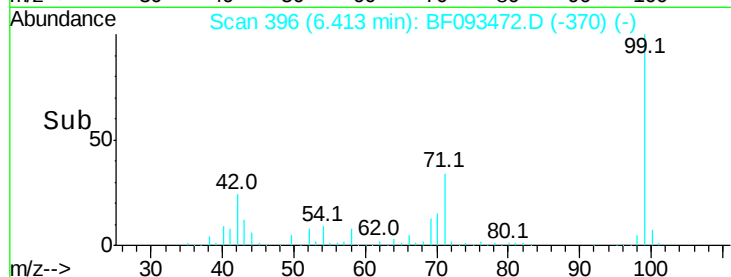
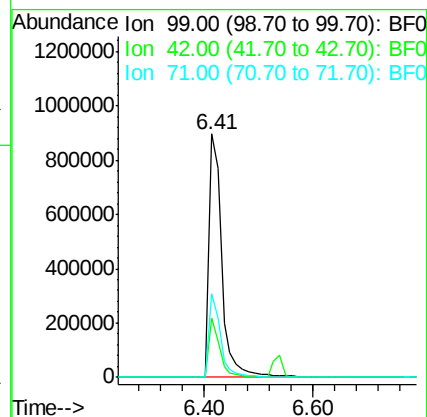
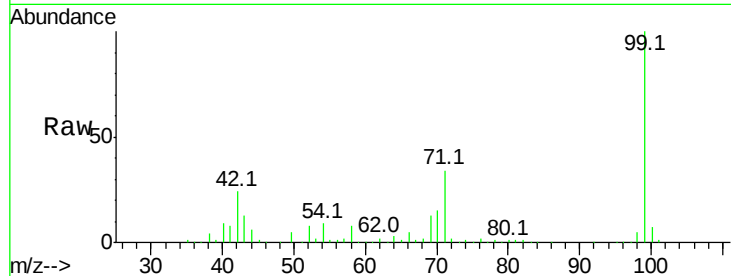
BNA_F

ClientSampled :

D-30

Tot Ion: 99 Resp: 1464294

Ion	Ratio	Lower	Upper
99	100		
42	24.4	15.6	23.4#
71	34.4	27.5	41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 539

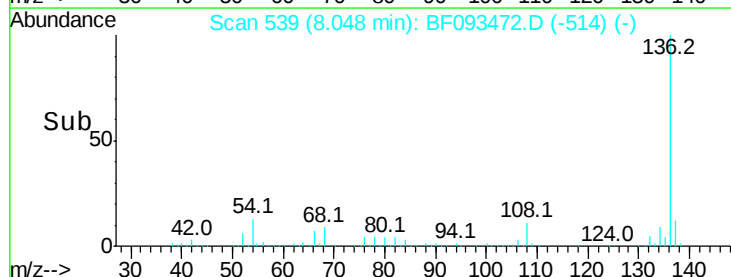
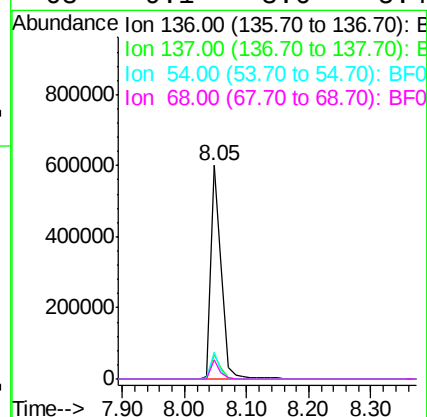
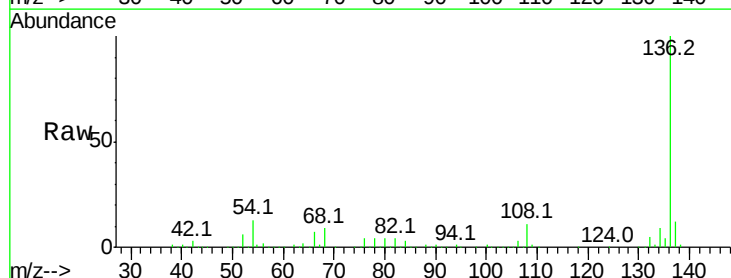
Delta R.T. -0.01 min

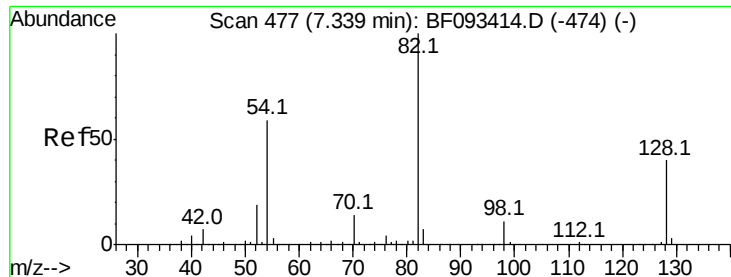
Lab File: BF093472.D

Acq: 9 Mar 2017 12:38

Tgt Ion: 136 Resp: 697681

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	12.5	4.5	6.7#
68	9.1	3.6	5.4#



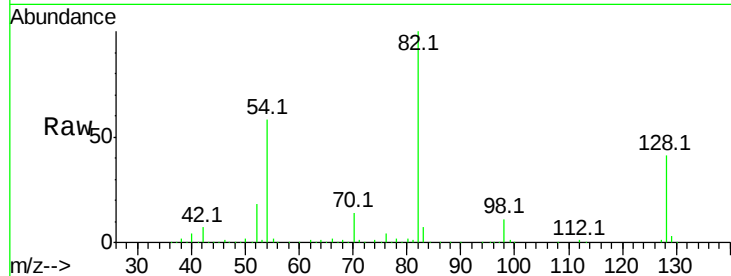


#23
 Nitrobenzene-d5
 Concen: 81.53 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093472.D
 Acq: 9 Mar 2017 12:38

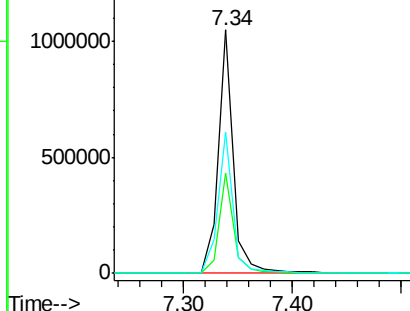
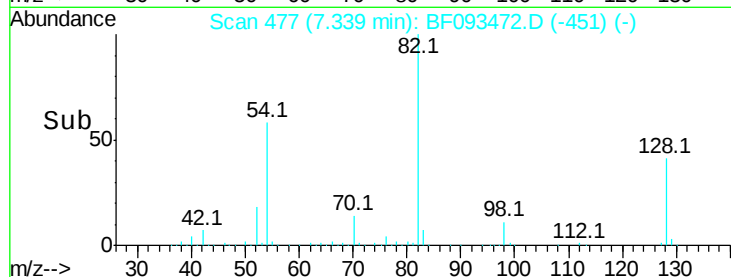
Instrument :
 BNA_F
 ClientSampled :
 D-30

Tot Ion: 82 Resp: 1025151

Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	52.0
54	57.9	39.5	59.3



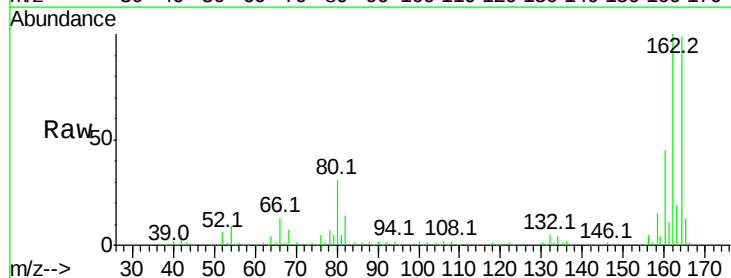
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



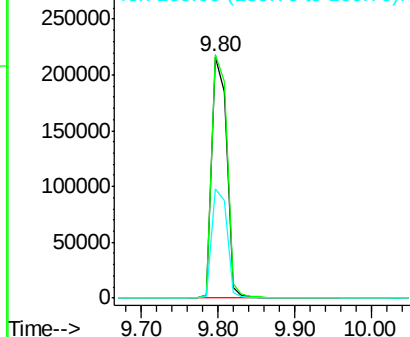
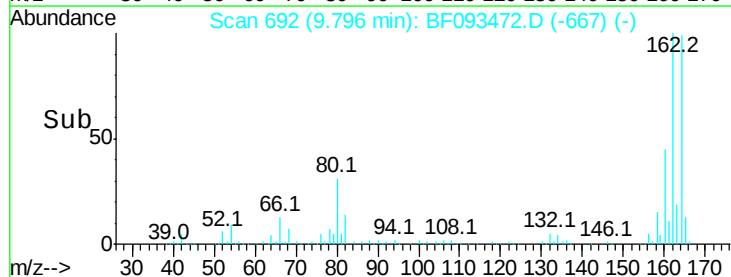
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF093472.D
 Acq: 9 Mar 2017 12:38

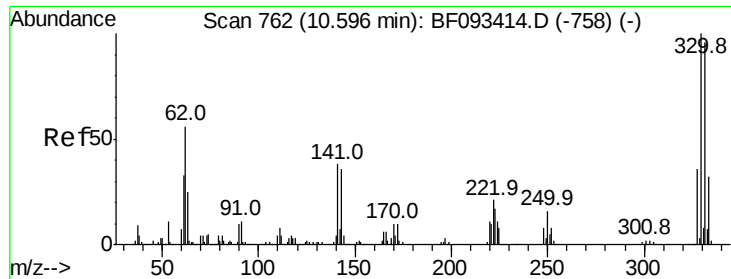
Tgt Ion: 164 Resp: 289631

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	45.1	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

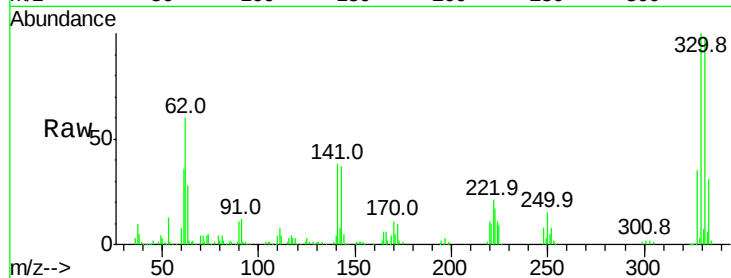




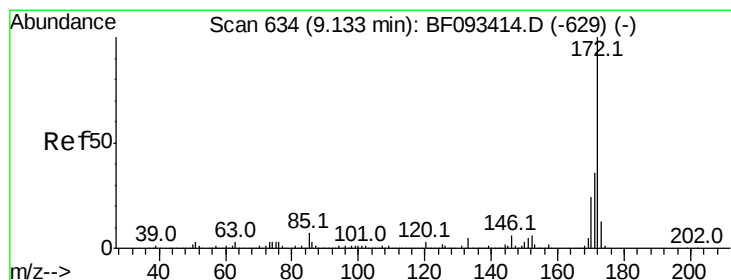
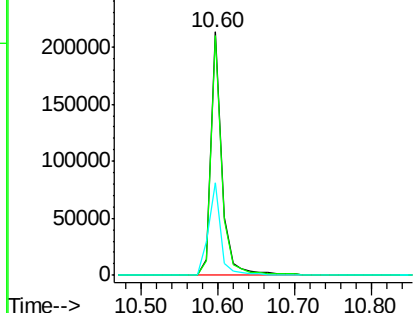
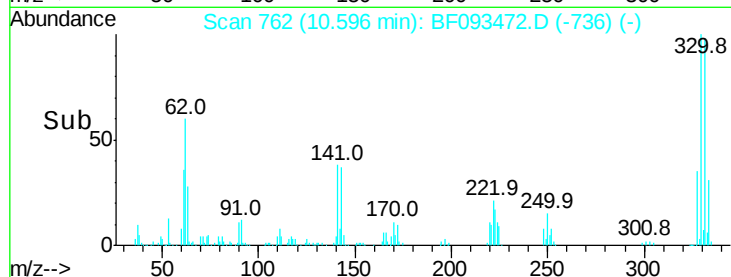
#41
 2,4,6-Tribromophenol
 Concen: 112.53 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093472.D
 Acq: 9 Mar 2017 12:38

Instrument :
 BNA_F
 ClientSampleId :
 D-30

Tot Ion:330 Resp: 212350
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 42.8 34.1 51.1

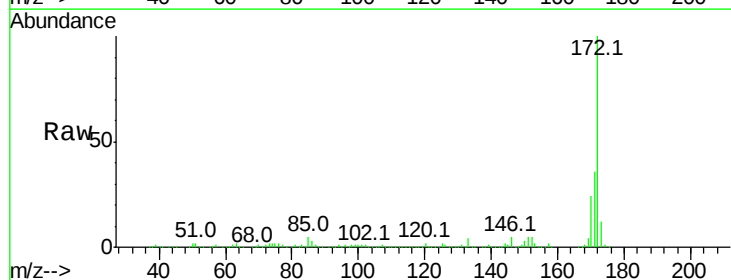


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

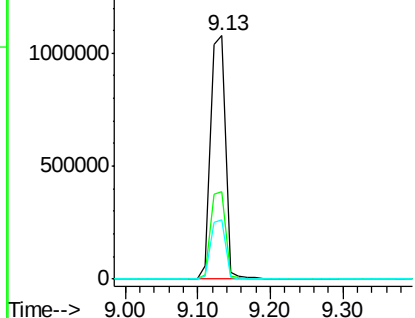
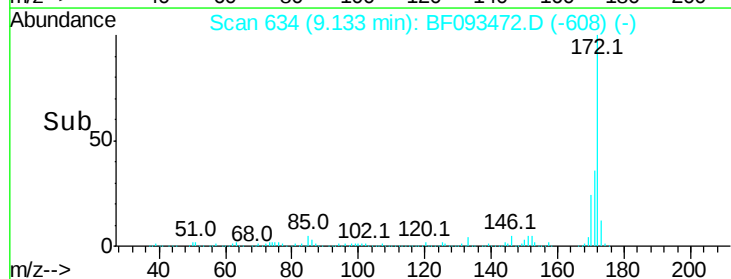


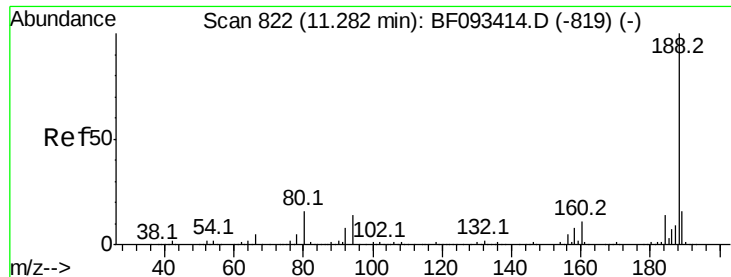
#44
 2-Fluorobiphenyl
 Concen: 99.63 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093472.D
 Acq: 9 Mar 2017 12:38

Tgt Ion:172 Resp: 1551326
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.2 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

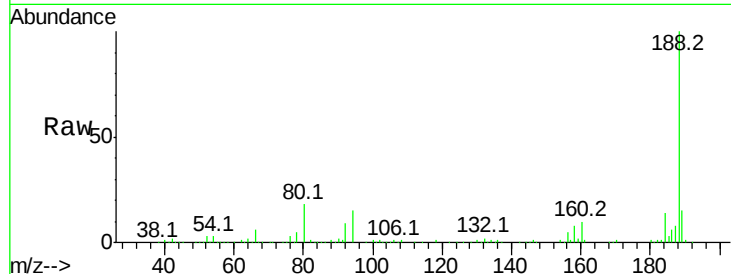




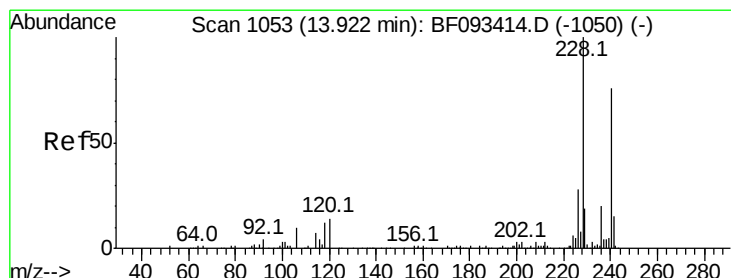
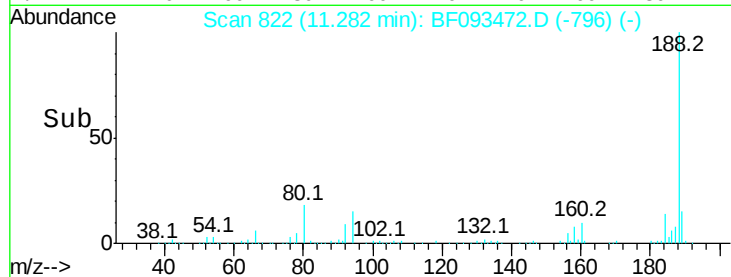
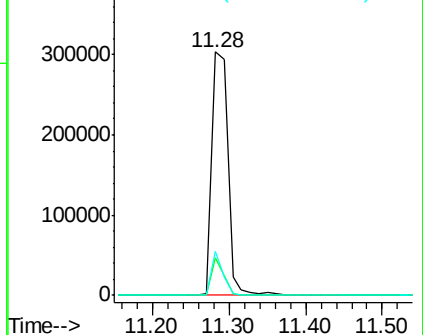
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093472.D
Acq: 9 Mar 2017 12:38

Instrument :
BNA_F
ClientSampleId :
D-30

Tot Ion:188 Resp: 441773
Ion Ratio Lower Upper
188 100
94 15.4 10.0 15.0#
80 18.2 11.2 16.8#

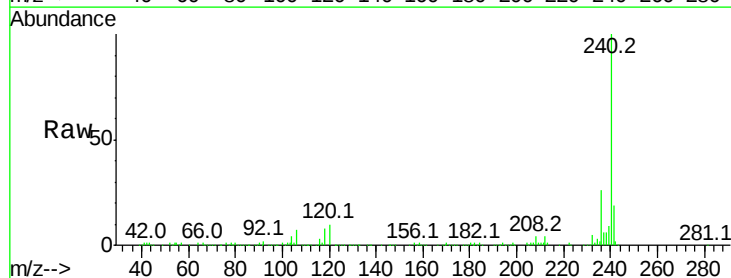


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

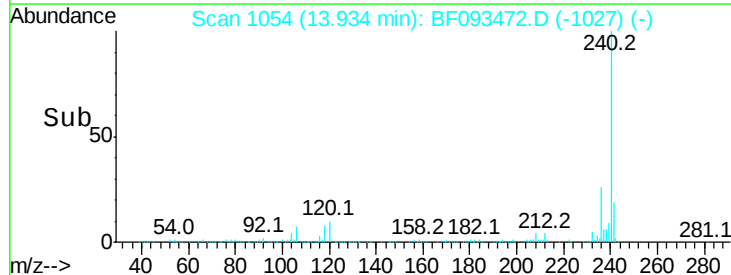
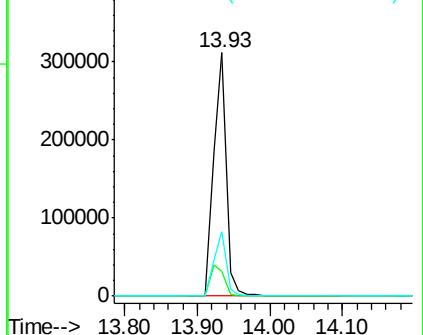


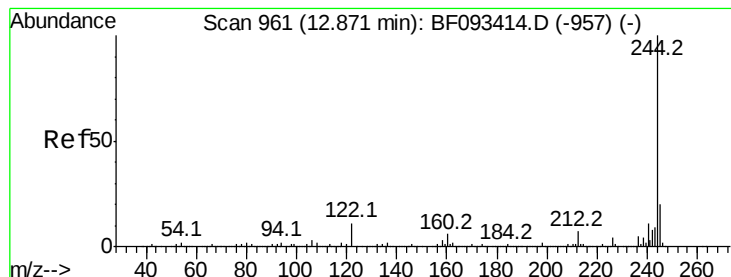
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093472.D
Acq: 9 Mar 2017 12:38

Tgt Ion:240 Resp: 374179
Ion Ratio Lower Upper
240 100
120 10.3 12.9 19.3#
236 26.3 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: 68.99 ng

RT: 12.87 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF093472.D

Acq: 9 Mar 2017 12:38

Instrument :

BNA_F

ClientSampleId :

D-30

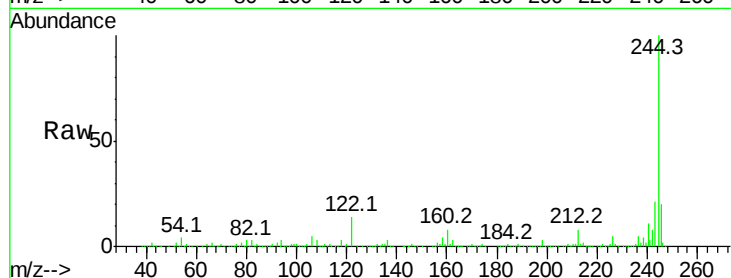
Tot Ion:244 Resp: 992893

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

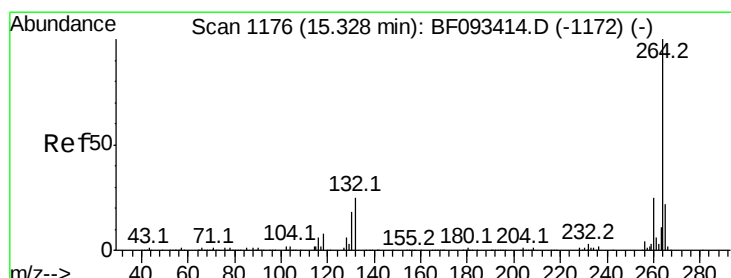
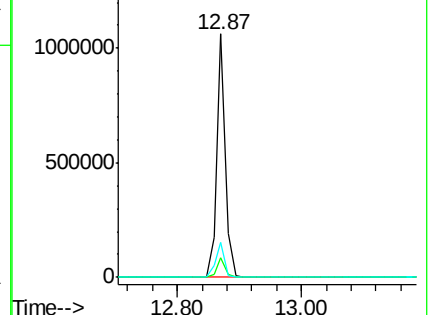
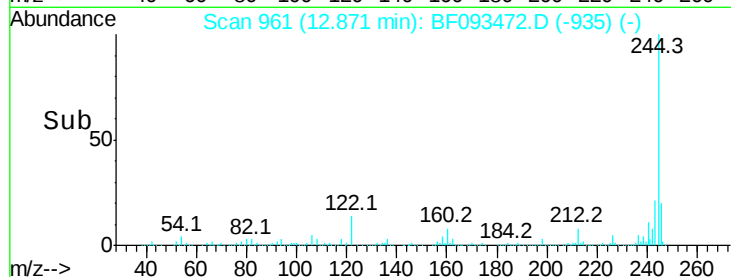
122 14.3 11.4 17.2



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: 15.35 min Scan# 1178

Delta R.T. 0.02 min

Lab File: BF093472.D

Acq: 9 Mar 2017 12:38

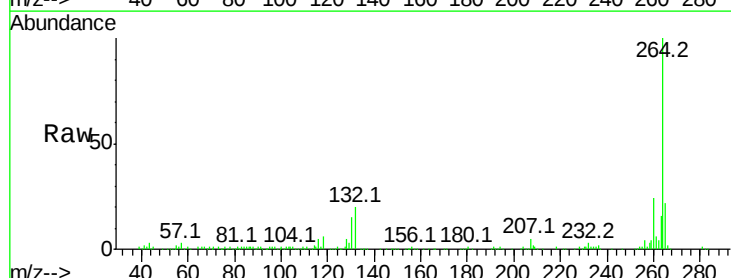
Tgt Ion:264 Resp: 264509

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.3 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

