

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093366.D
 Acq On : 3 Mar 2017 18:44
 Operator : SJ/MA
 Sample : PB97309BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BL

Quant Time: Mar 03 22:58:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 22:55:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	174910	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	734511	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	336562	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	633529	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	540466	20.00	ng	-0.01
86) Perylene-d12	15.36	264	389783	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1364698	133.86	ng	0.01
7) Phenol-d6	6.44	99	1675563	127.73	ng	0.00
23) Nitrobenzene-d5	7.36	82	936895	71.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	302292	124.18	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1781418	95.89	ng	0.00
78) Terphenyl-d14	12.89	244	1506423	65.49	ng	0.00

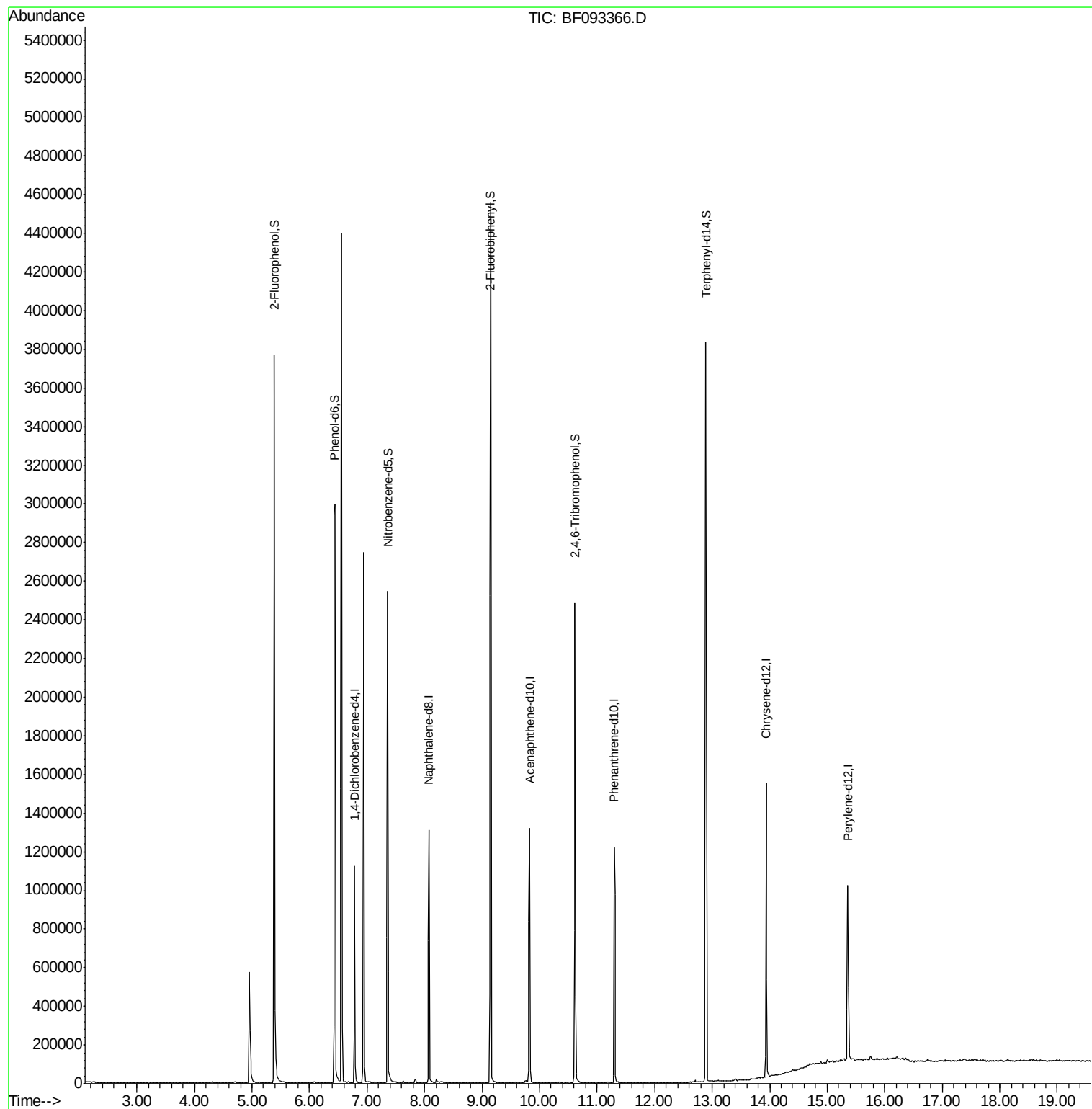
Target Compounds Qvalue

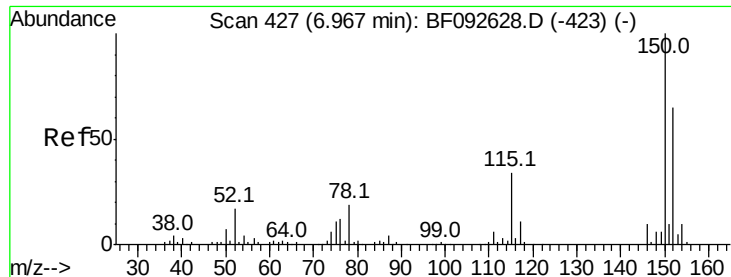
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093366.D
Acq On : 3 Mar 2017 18:44
Operator : SJ/MA
Sample : PB97309BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97309BL

Quant Time: Mar 03 22:58:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 22:55:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF093366.D

Acq: 3 Mar 2017 18:44

Instrument :

BNA_F

ClientSampleId :

PB97309BL

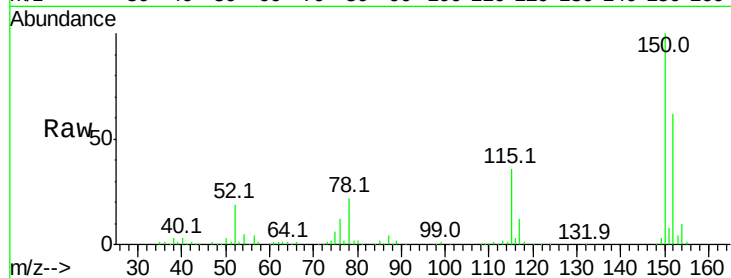
Tot Ion:152 Resp: 174910

Ion Ratio Lower Upper

152 100

150 160.1 124.9 187.3

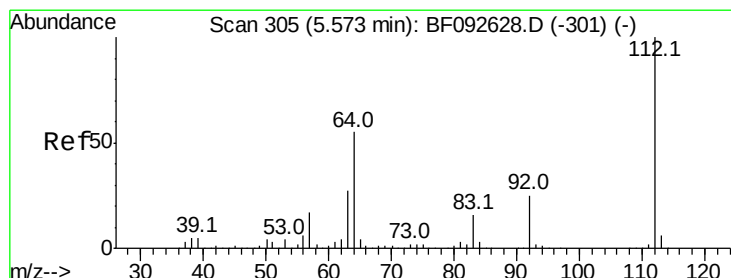
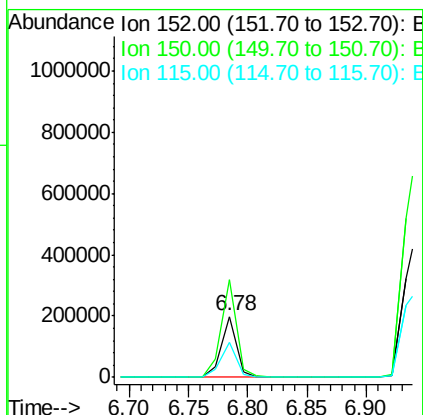
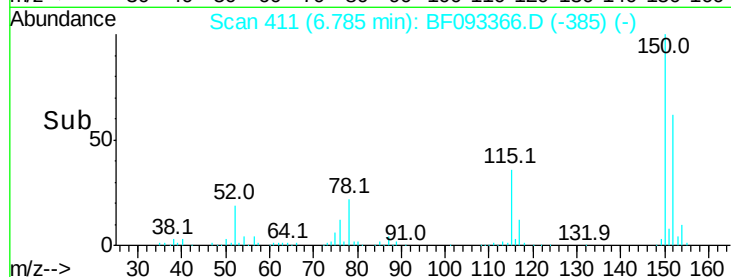
115 57.0 46.0 69.0



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: 133.86 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF093366.D

Acq: 3 Mar 2017 18:44

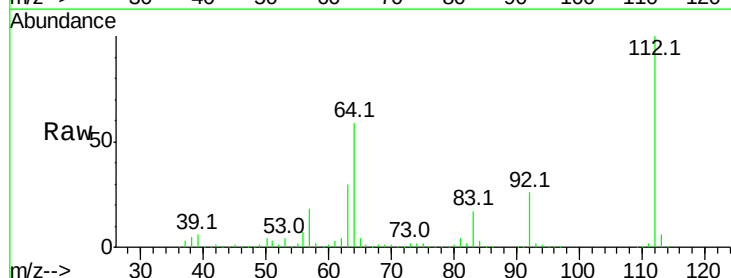
Tgt Ion:112 Resp: 1364698

Ion Ratio Lower Upper

112 100

64 59.3 46.1 69.1

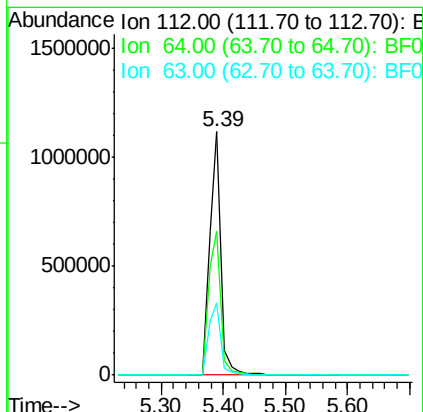
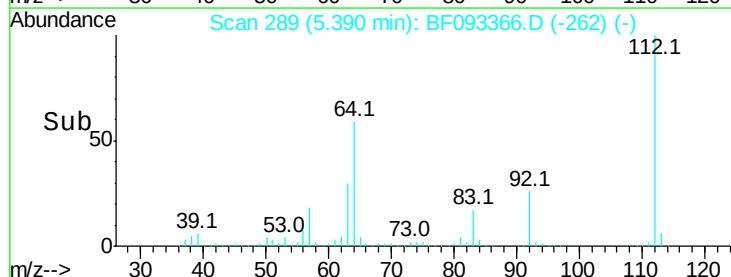
63 29.6 23.8 35.6

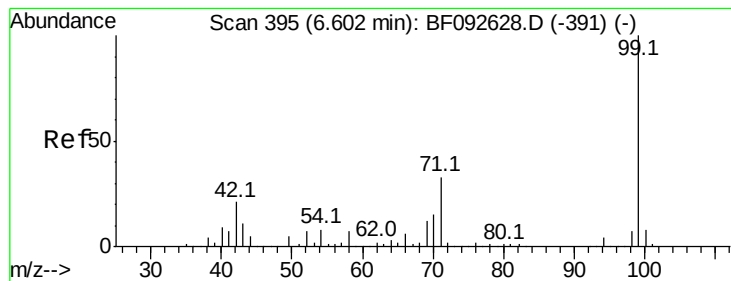


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.73 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF093366.D

Acq: 3 Mar 2017 18:44

Instrument :

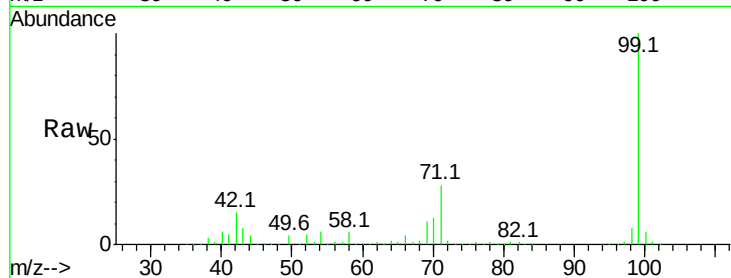
BNA_F

ClientSampleId :

PB97309BL

Tot Ion: 99 Resp: 1675563

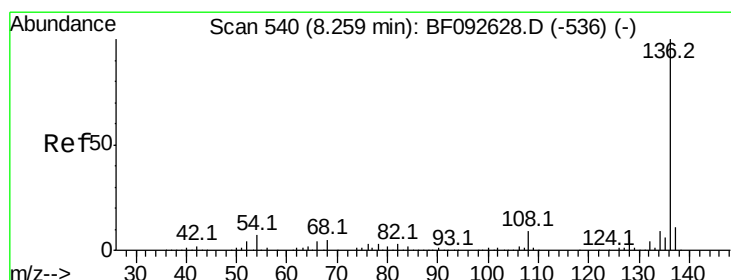
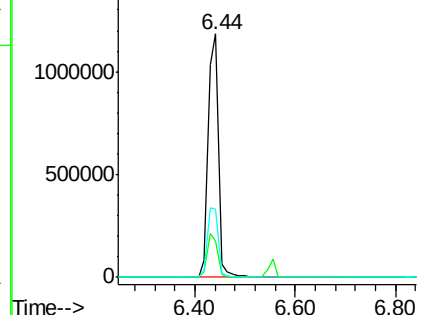
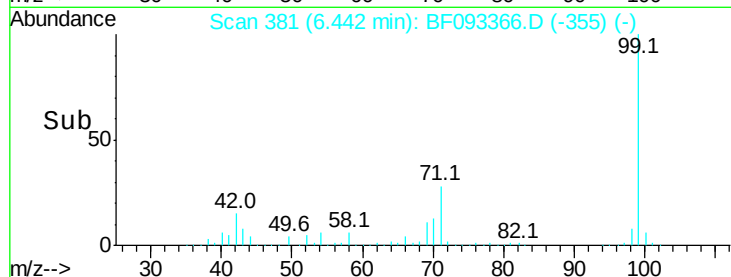
Ion	Ratio	Lower	Upper
99	100		
42	14.6	15.6	23.4#
71	28.1	27.5	41.3



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: 8.08 min Scan# 524

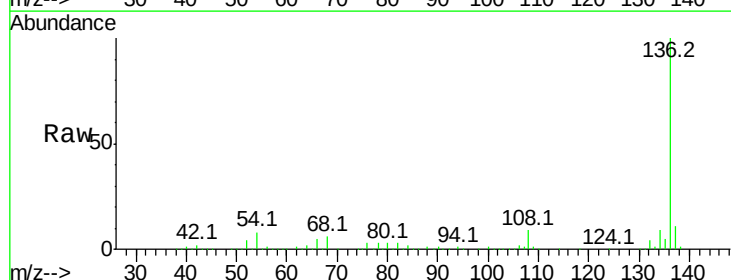
Delta R.T. 0.00 min

Lab File: BF093366.D

Acq: 3 Mar 2017 18:44

Tgt Ion:136 Resp: 734511

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	8.2	4.5	6.7#
68	6.1	3.6	5.4#

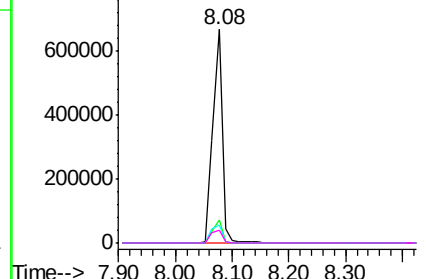
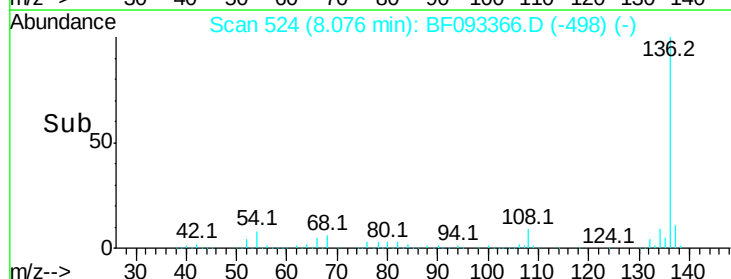


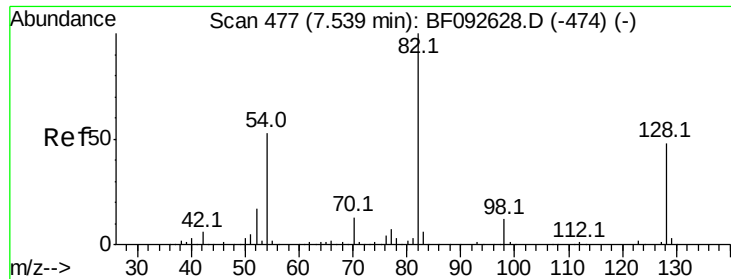
Abundance Ion 136.00 (135.70 to 136.70): E

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

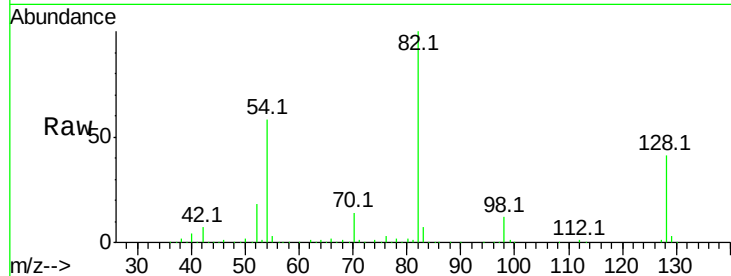




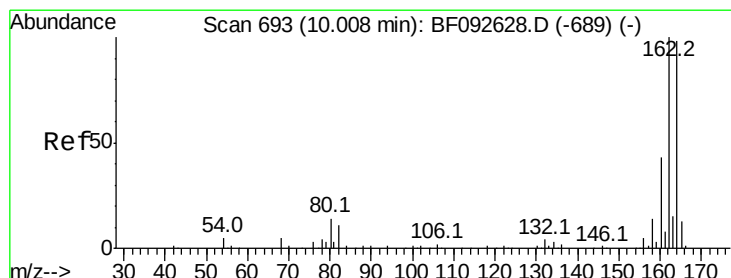
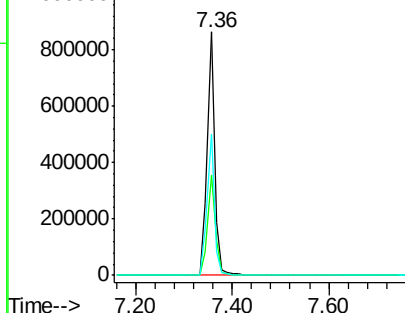
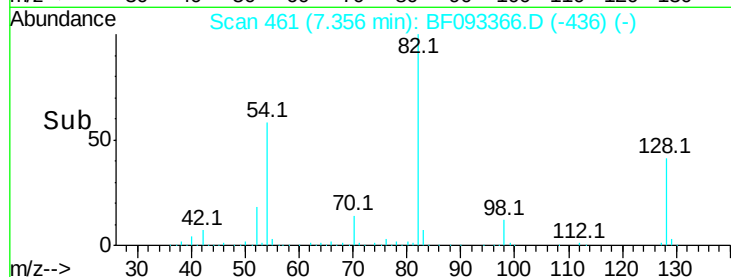
#23
 Nitrobenzene-d5
 Concen: 71.03 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF093366.D
 Acq: 3 Mar 2017 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BL

Tot Ion	82	Resp	936895
Ion Ratio	Lower	Upper	
82	100		
128	41.2	34.6	52.0
54	57.8	39.5	59.3

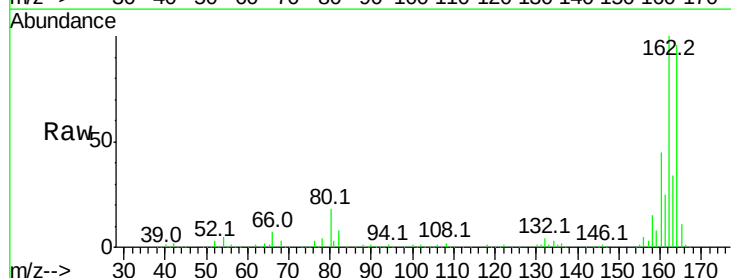


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

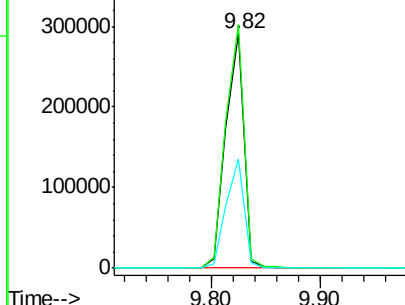
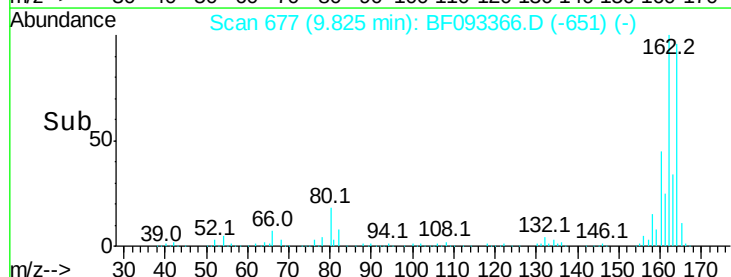


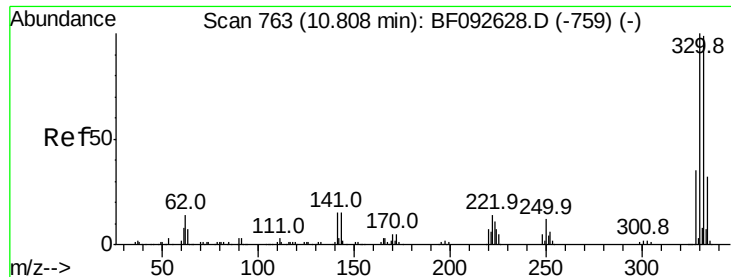
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF093366.D
 Acq: 3 Mar 2017 18:44

Tgt Ion	164	Resp	336562
Ion Ratio	Lower	Upper	
164	100		
162	104.0	80.2	120.2
160	46.7	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

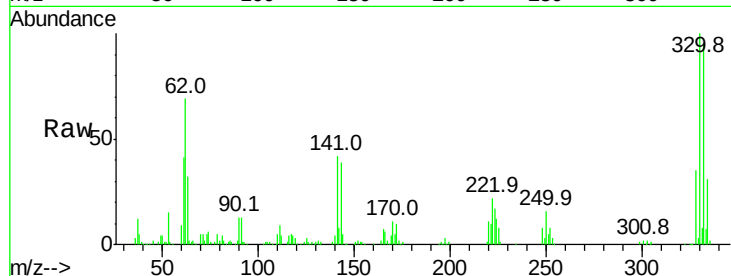




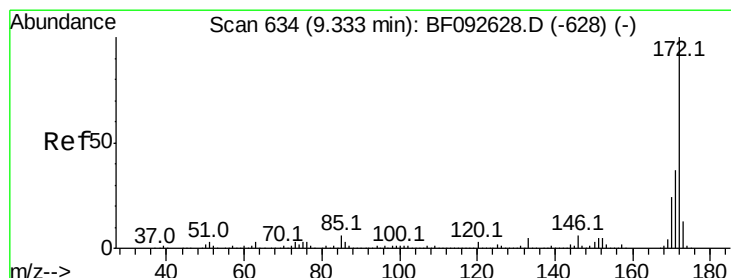
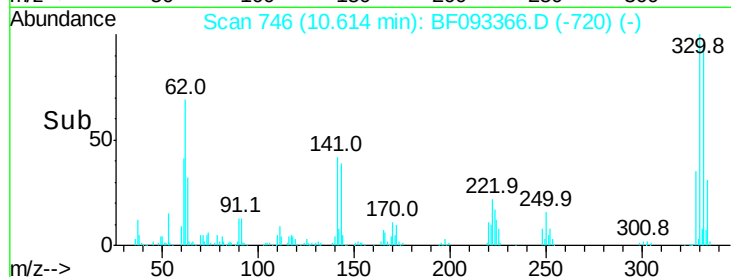
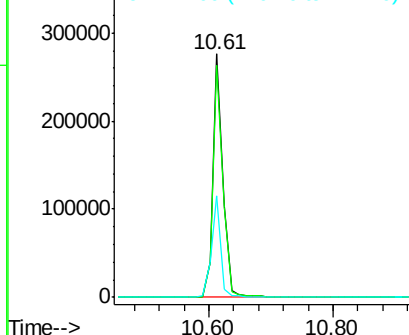
#41
 2,4,6-Tribromophenol
 Concen: 124.18 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF093366.D
 Acq: 3 Mar 2017 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BL

Tot Ion:330 Resp: 302292
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 38.8 34.1 51.1

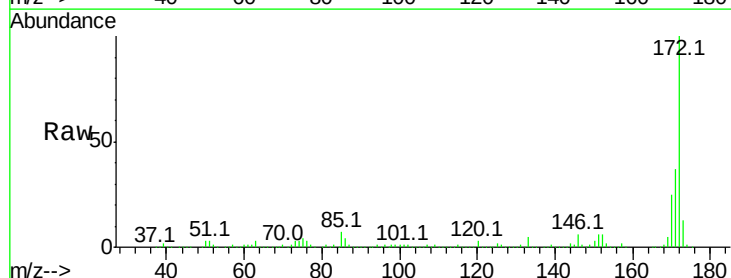


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

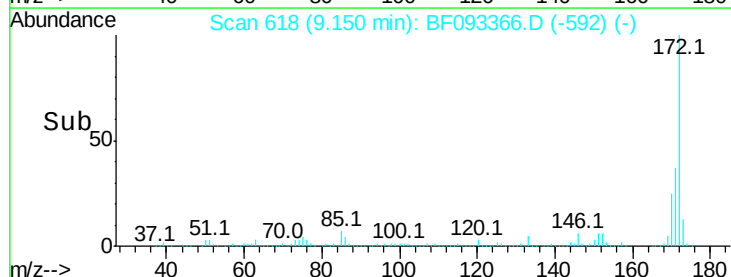
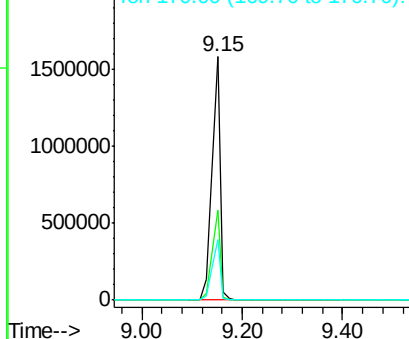


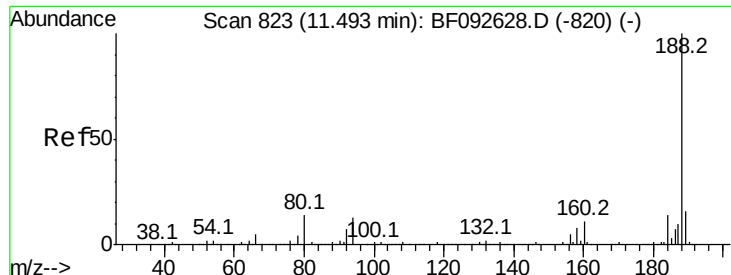
#44
 2-Fluorobiphenyl
 Concen: 95.89 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF093366.D
 Acq: 3 Mar 2017 18:44

Tgt Ion:172 Resp: 1781418
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 24.8 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

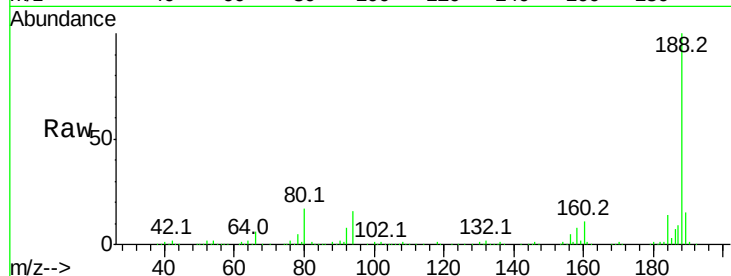




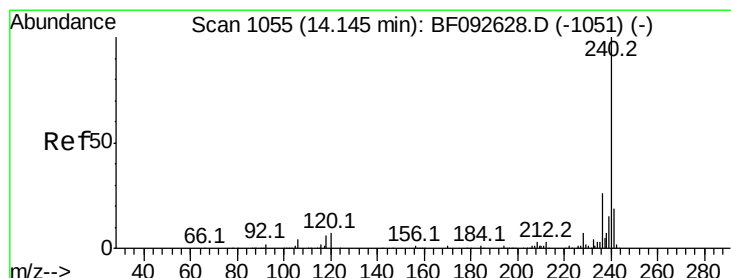
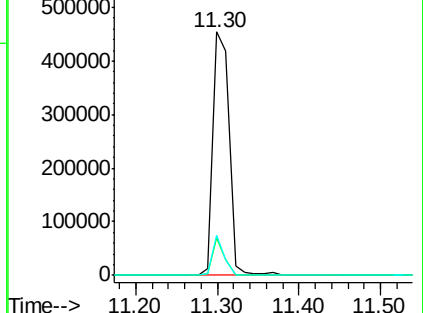
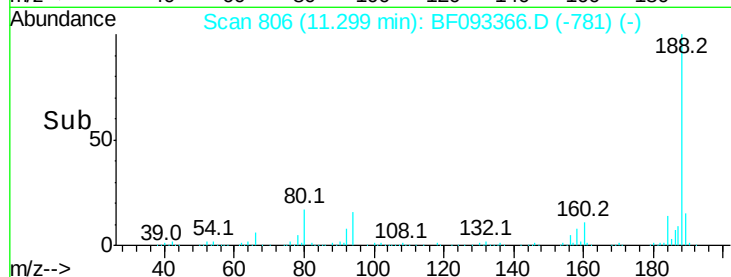
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF093366.D
Acq: 3 Mar 2017 18:44

Instrument :
BNA_F
ClientSampleId :
PB97309BL

Tot Ion:188 Resp: 633529
Ion Ratio Lower Upper
188 100
94 15.5 10.0 15.0#
80 16.6 11.2 16.8

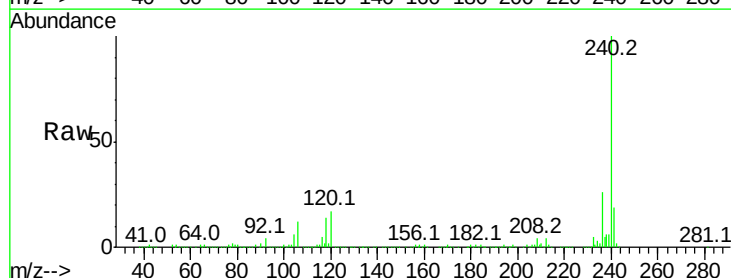


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

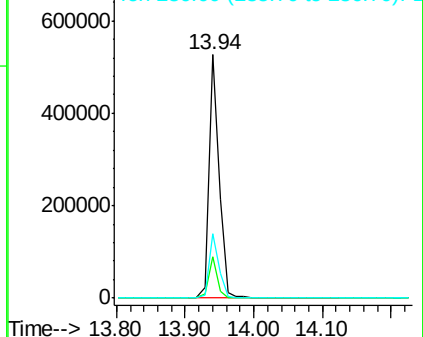
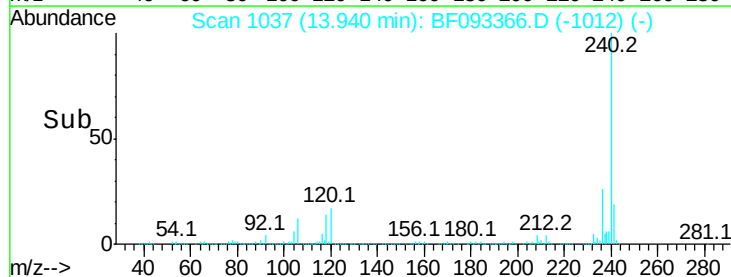


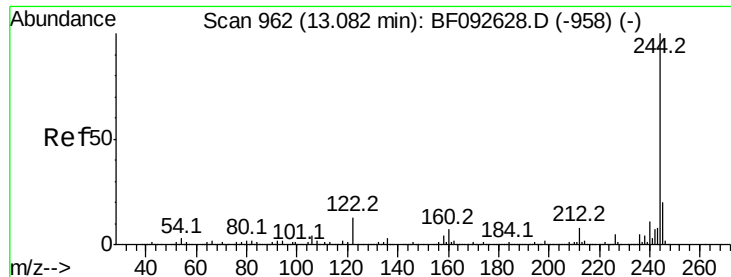
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF093366.D
Acq: 3 Mar 2017 18:44

Tgt Ion:240 Resp: 540466
Ion Ratio Lower Upper
240 100
120 16.8 12.9 19.3
236 26.4 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: 65.49 ng

RT: 12.89 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF093366.D

Acq: 3 Mar 2017 18:44

Instrument :

BNA_F

ClientSampleId :

PB97309BL

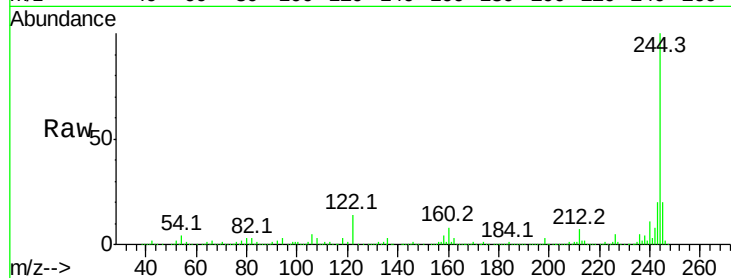
Tot Ion:244 Resp: 1506423

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

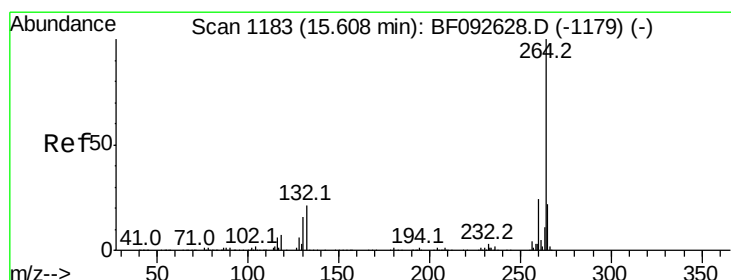
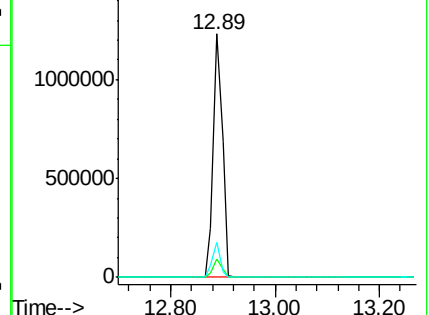
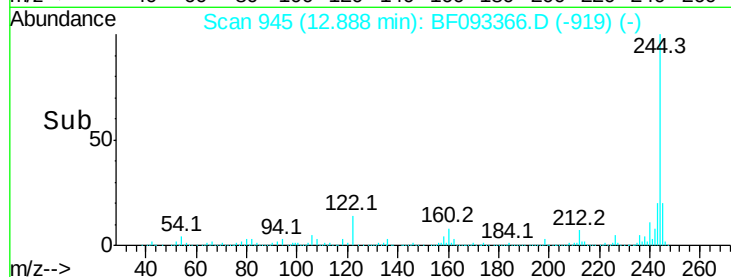
122 14.2 11.4 17.2



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: 15.36 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF093366.D

Acq: 3 Mar 2017 18:44

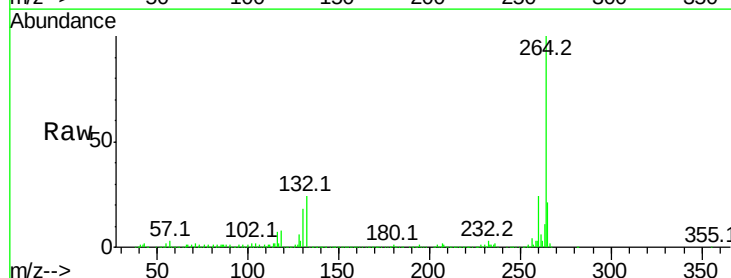
Tgt Ion:264 Resp: 389783

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.3 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

