

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091816.D
 Acq On : 20 Dec 2016 13:27
 Operator : UM/SJ
 Sample : PB95481BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95481BL

Quant Time: Dec 21 00:21:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	225769	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	895637	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	465475	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	789285	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	654379	20.00	ng	-0.02
86) Perylene-d12	15.31	264	542631	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1531085	113.62	ng	0.01
7) Phenol-d6	6.42	99	2114274	128.65	ng	0.00
23) Nitrobenzene-d5	7.32	82	1179929	75.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	476605	120.75	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2244151	96.86	ng	-0.01
78) Terphenyl-d14	12.87	244	1826600	70.48	ng	-0.01

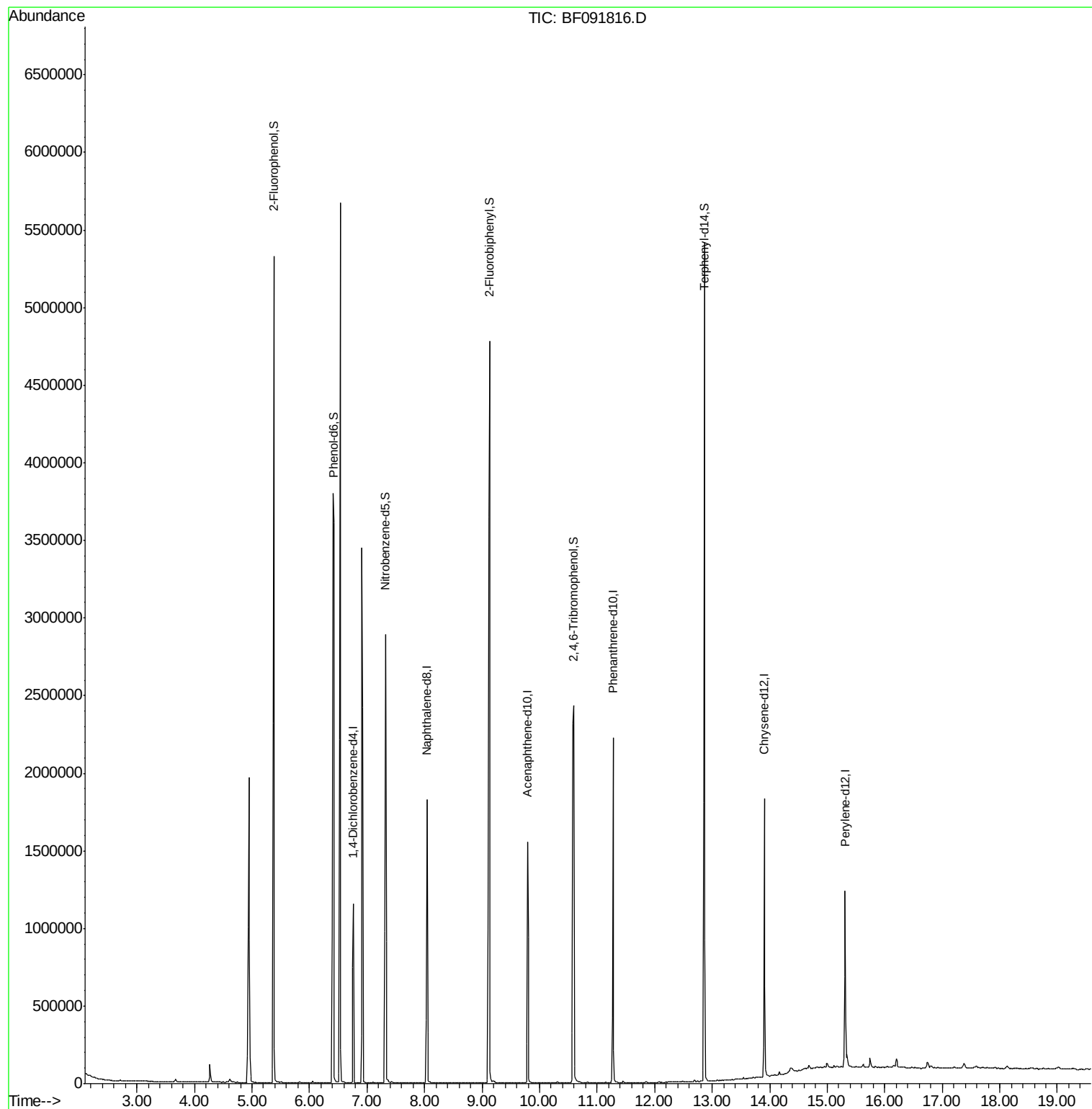
Target Compounds Qvalue

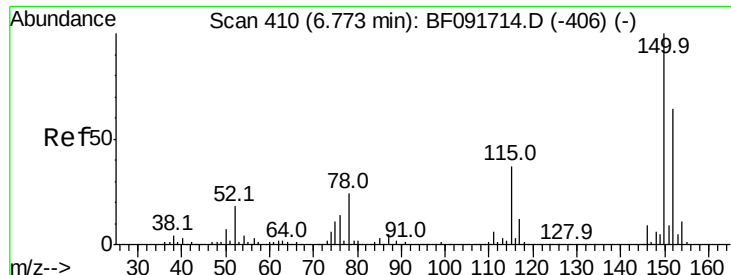
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091816.D

Acq: 20 Dec 2016 13:27

Instrument :

BNA_F

ClientSampleId :

PB95481BL

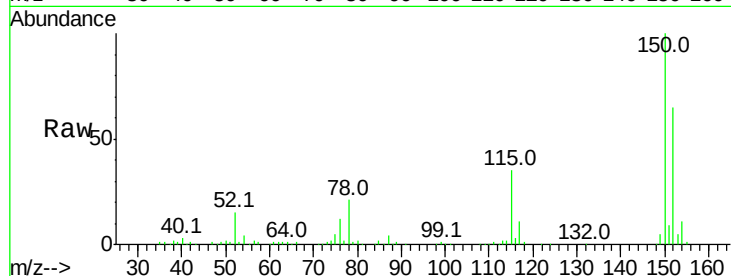
Tot Ion:152 Resp: 225769

Ion Ratio Lower Upper

152 100

150 153.9 124.9 187.3

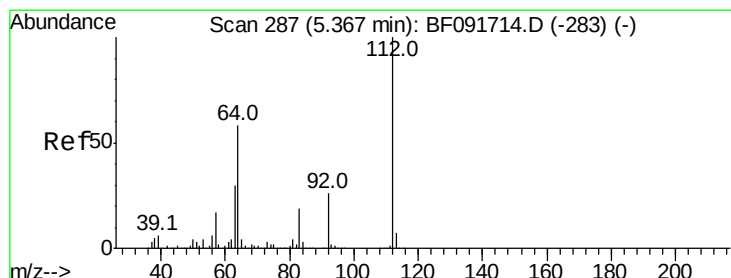
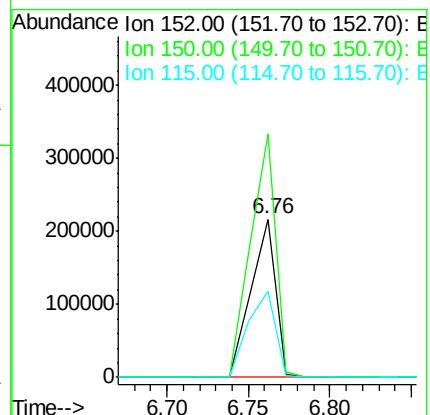
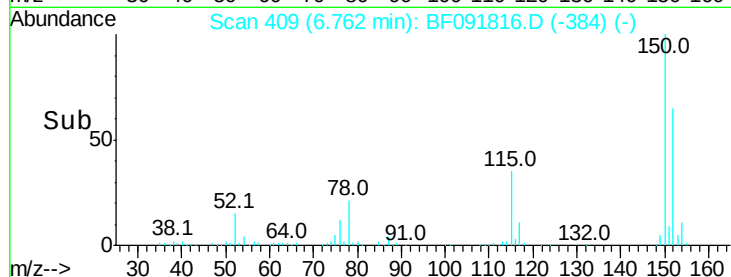
115 54.2 46.0 69.0



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: 113.62 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091816.D

Acq: 20 Dec 2016 13:27

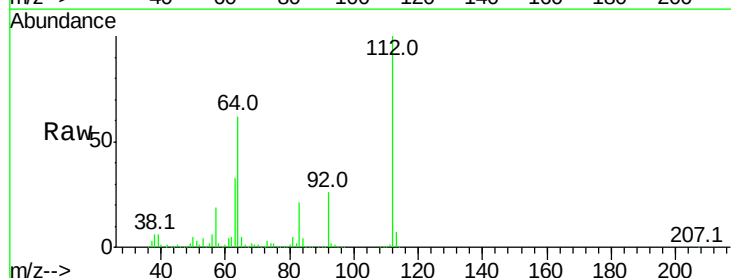
Tgt Ion:112 Resp: 1531085

Ion Ratio Lower Upper

112 100

64 62.4 46.1 69.1

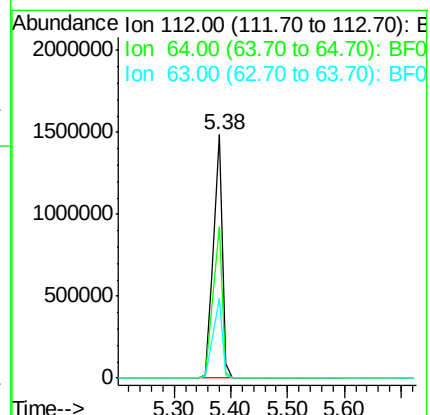
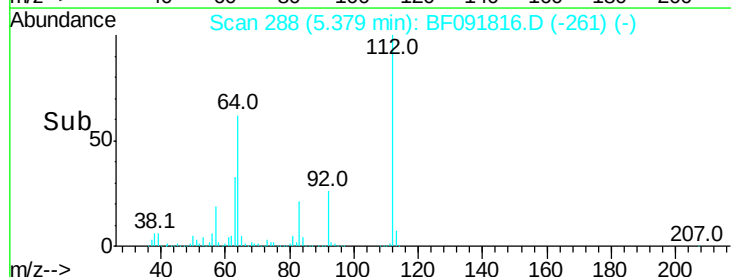
63 32.5 23.8 35.6

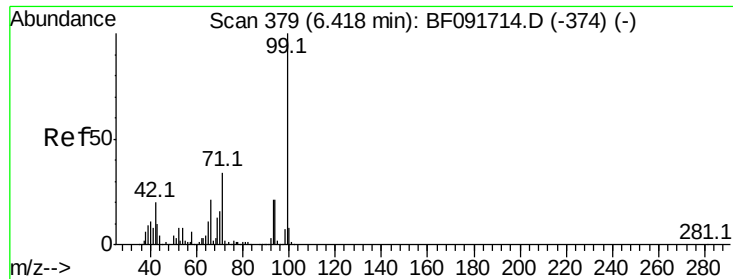


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.65 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091816.D

Acq: 20 Dec 2016 13:27

Instrument :

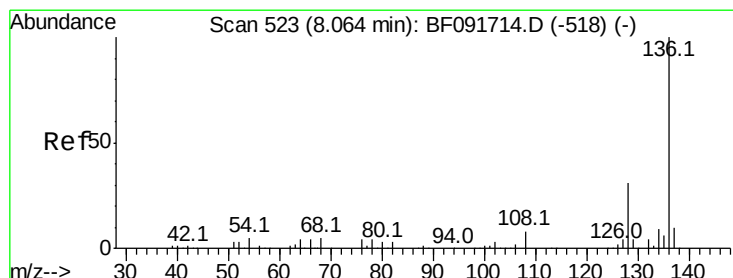
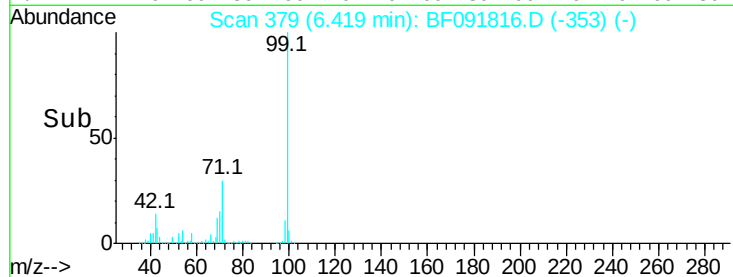
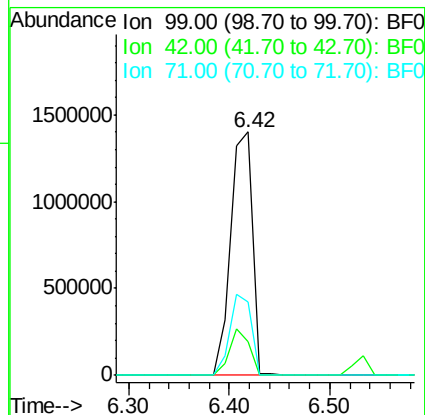
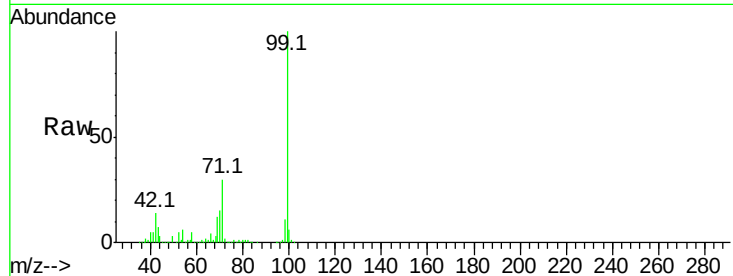
BNA_F

ClientSampleId :

PB95481BL

Tot Ion: 99 Resp: 2114274

Ion	Ratio	Lower	Upper
99	100		
42	13.8	15.6	23.4#
71	30.3	27.5	41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

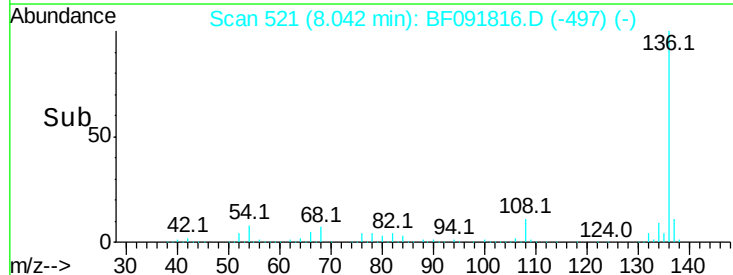
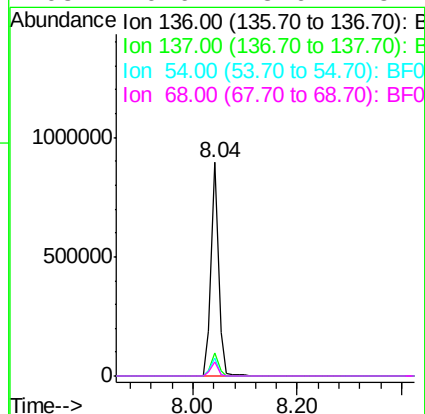
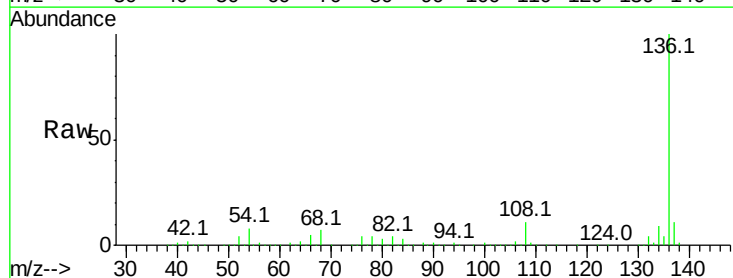
Delta R.T. -0.02 min

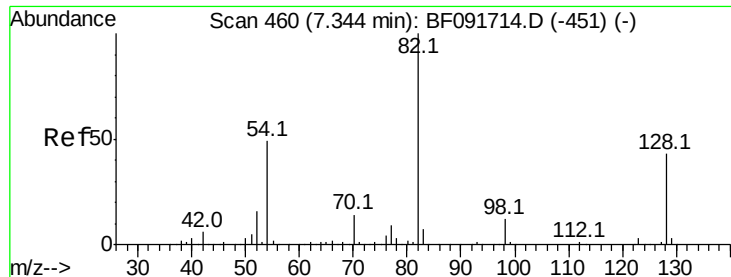
Lab File: BF091816.D

Acq: 20 Dec 2016 13:27

Tgt Ion: 136 Resp: 895637

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.4	4.5	6.7#
68	6.6	3.6	5.4#



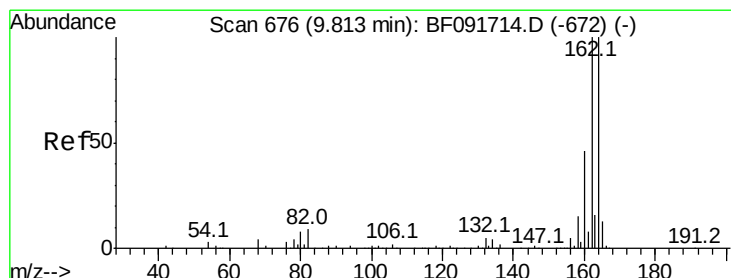
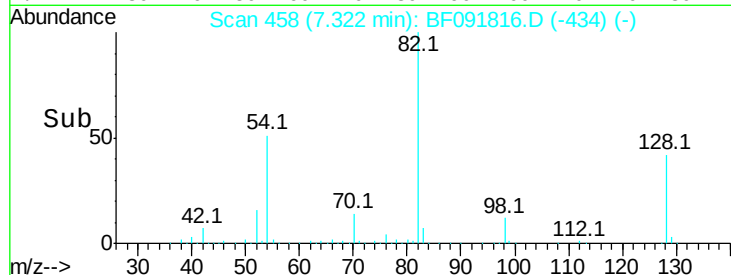
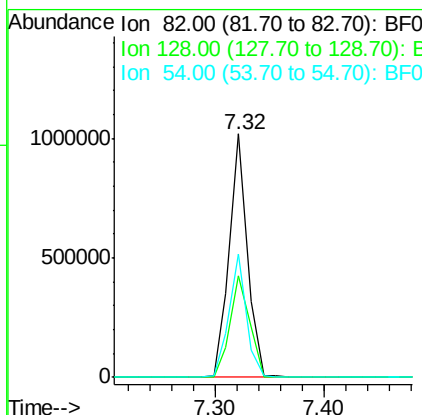
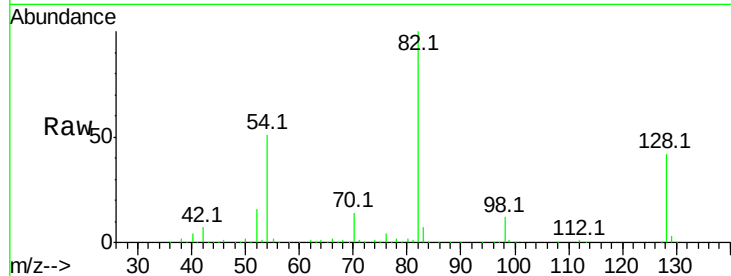


#23
 Nitrobenzene-d5
 Concen: 75.97 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091816.D
 Acq: 20 Dec 2016 13:27

Instrument :
 BNA_F
 ClientSampleId :
 PB95481BL

Tot Ion: 82 Resp: 1179929

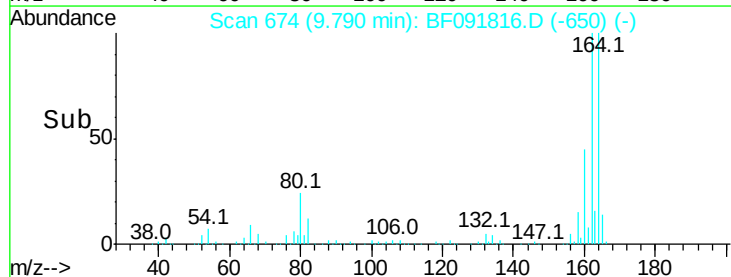
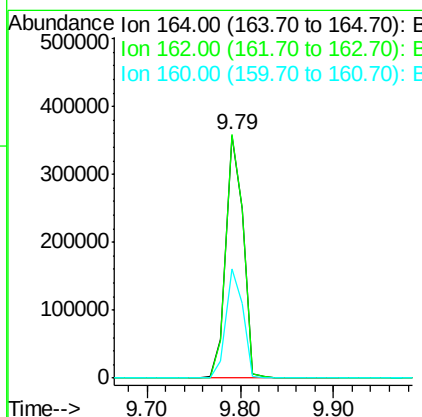
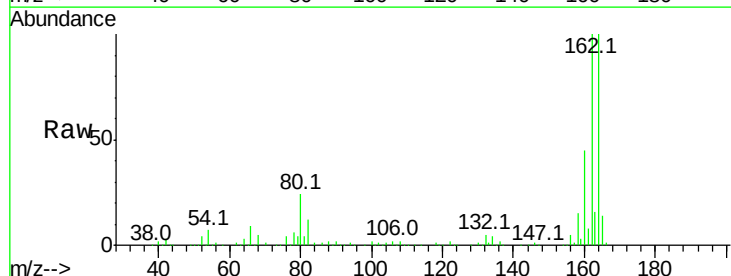
Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	50.8	39.5	59.3

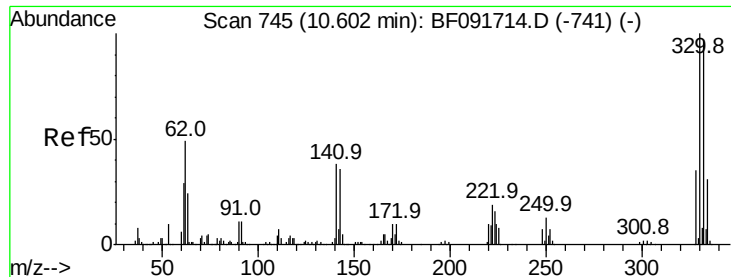


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF091816.D
 Acq: 20 Dec 2016 13:27

Tgt Ion:164 Resp: 465475

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.2
160	45.3	36.9	55.3





#41

2,4,6-Tribromophenol

Concen: 120.75 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091816.D

Acq: 20 Dec 2016 13:27

Instrument :

BNA_F

ClientSampleId :

PB95481BL

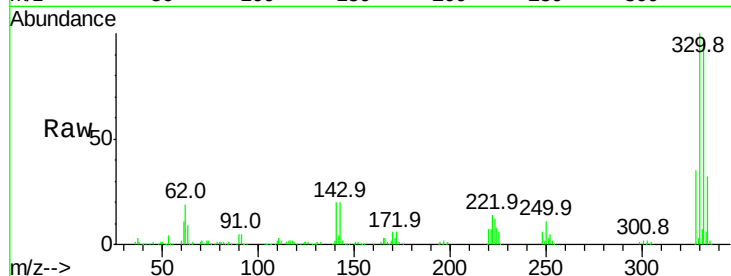
Tot Ion:330 Resp: 476605

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

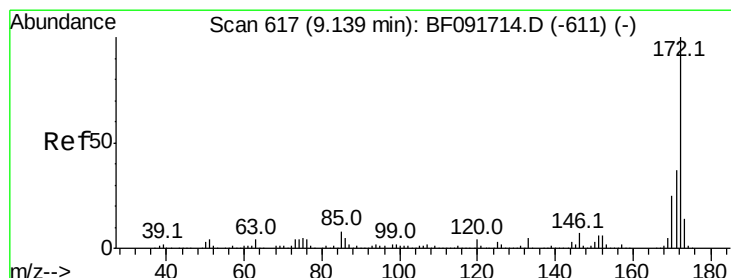
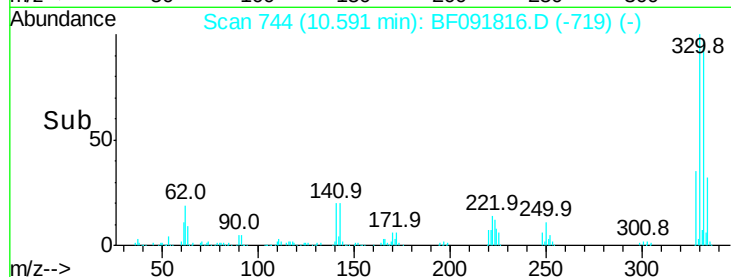
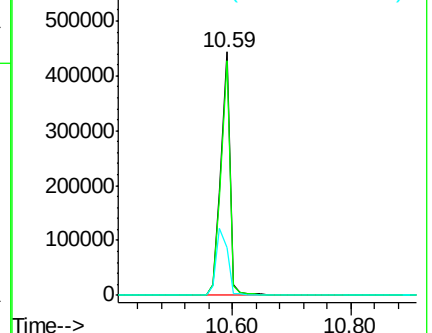
141 34.4 34.1 51.1



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: 96.86 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF091816.D

Acq: 20 Dec 2016 13:27

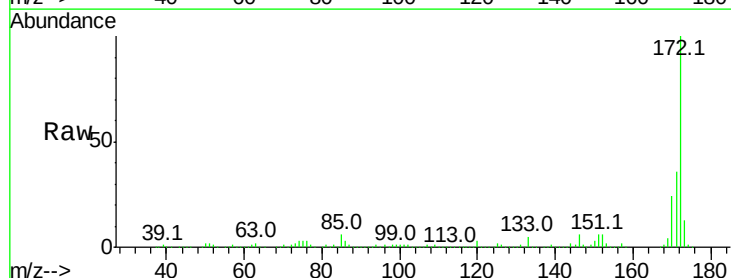
Tgt Ion:172 Resp: 2244151

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

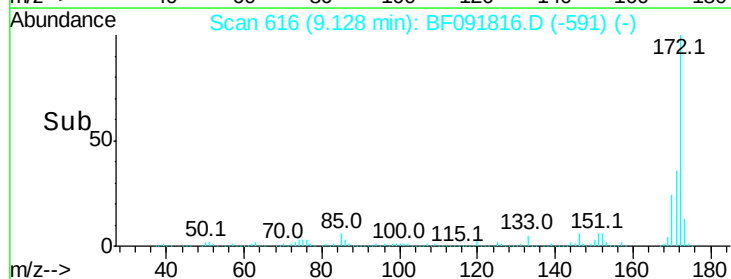
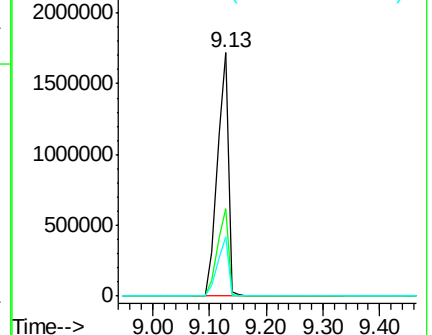
170 24.4 20.2 30.4

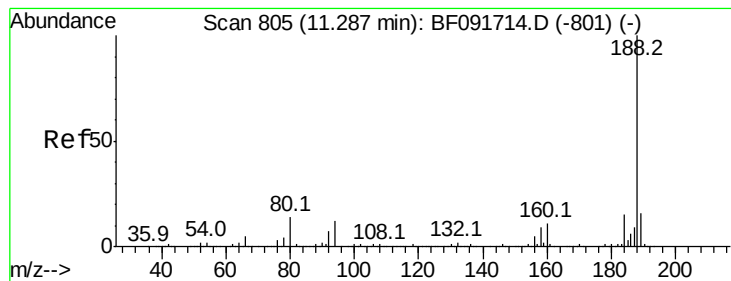


Abundance Ion 172.00 (171.70 to 172.70): E

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# 804

Delta R.T. -0.01 min

Lab File: BF091816.D

Acq: 20 Dec 2016 13:27

Instrument :

BNA_F

ClientSampleId :

PB95481BL

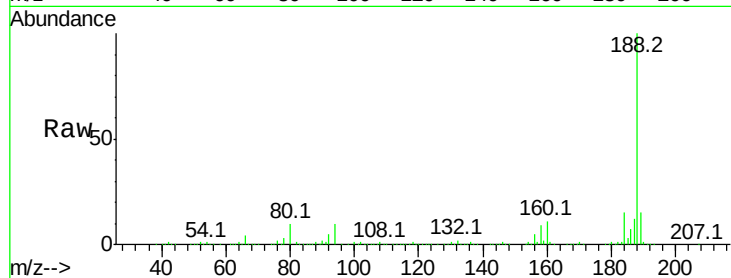
Tot Ion:188 Resp: 789285

Ion Ratio Lower Upper

188 100

94 10.1 10.0 15.0

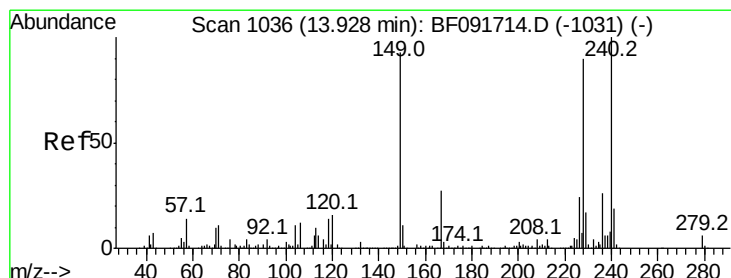
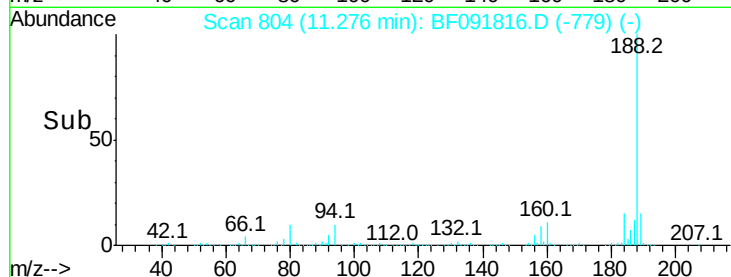
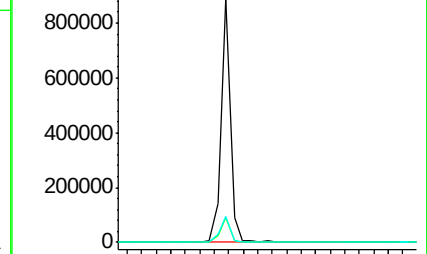
80 10.4 11.2 16.8#



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: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091816.D

Acq: 20 Dec 2016 13:27

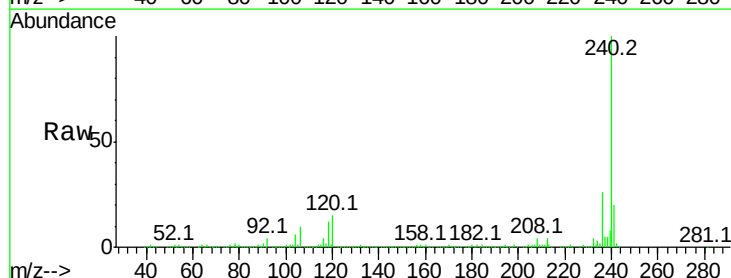
Tgt Ion:240 Resp: 654379

Ion Ratio Lower Upper

240 100

120 14.7 12.9 19.3

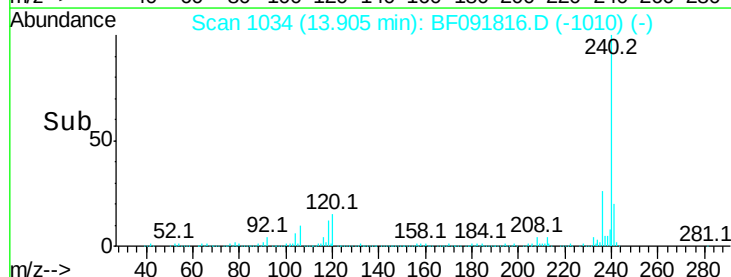
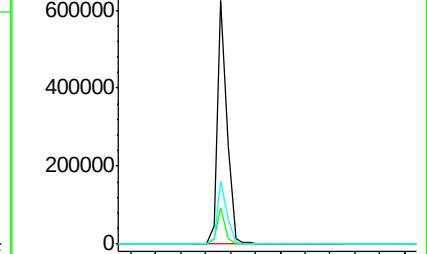
236 25.7 20.9 31.3

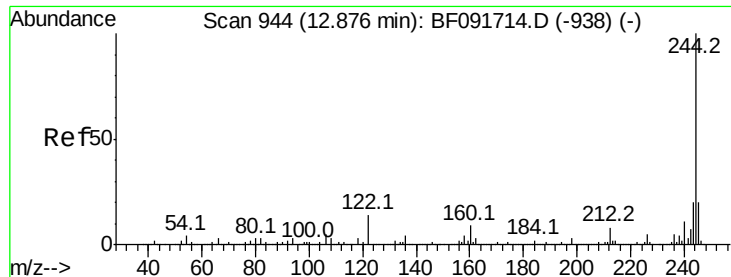


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

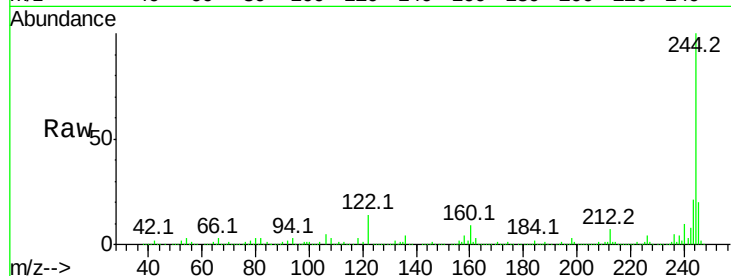




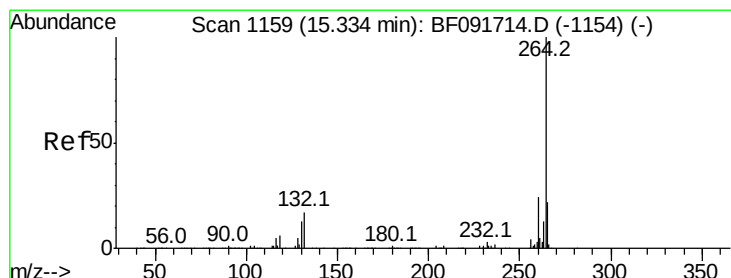
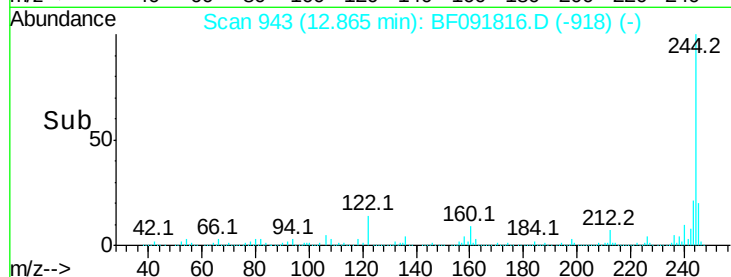
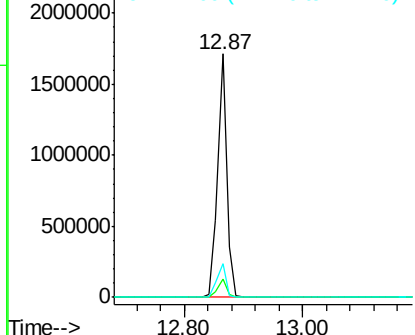
#78
 Terphenyl-d14
 Concen: 70.48 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF091816.D
 Acq: 20 Dec 2016 13:27

Instrument :
 BNA_F
 ClientSampleId :
 PB95481BL

Tot Ion:244 Resp: 1826600
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 13.9 11.4 17.2

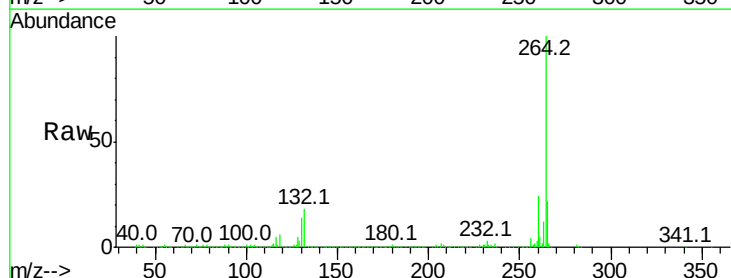


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091816.D
 Acq: 20 Dec 2016 13:27

Tgt Ion:264 Resp: 542631
 Ion Ratio Lower Upper
 264 100
 260 23.6 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

