

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091783.D
 Acq On : 19 Dec 2016 19:58
 Operator : UM/SJ
 Sample : PB95441BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BL

Quant Time: Dec 20 00:12:46 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	240339	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	1007850	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	506161	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	889817	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	745471	20.00	ng	-0.02
86) Perylene-d12	15.30	264	643270	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1868291	130.24	ng	0.00
7) Phenol-d6	6.41	99	2310741	132.08	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1315406	75.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	515402	120.08	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	2359901	93.67	ng	-0.01
78) Terphenyl-d14	12.87	244	2114157	71.61	ng	-0.01

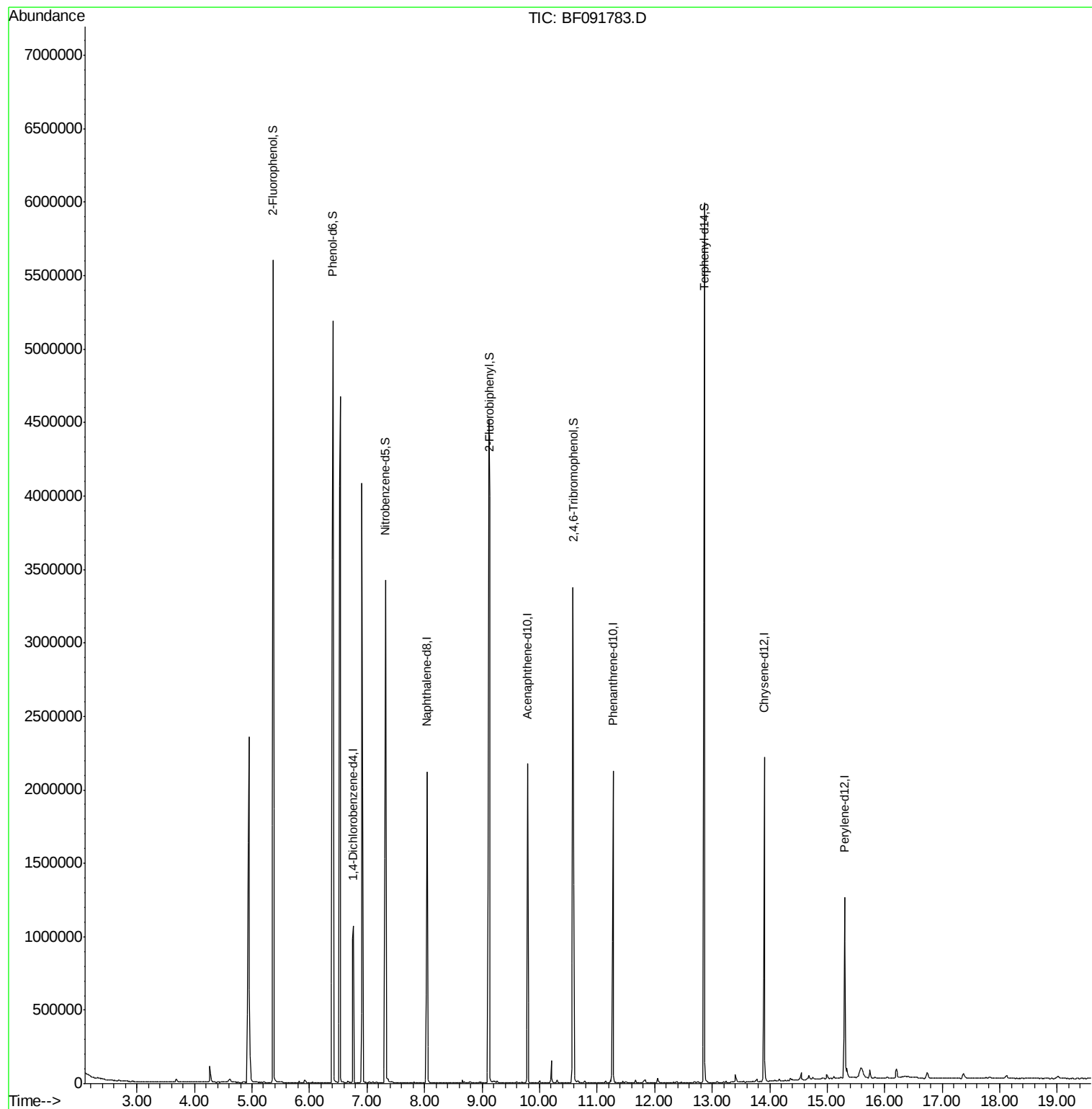
Target Compounds Qvalue

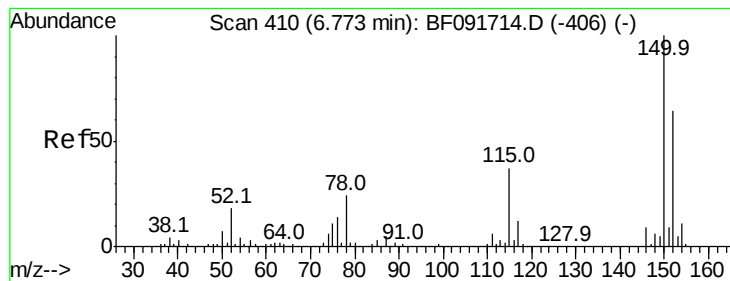
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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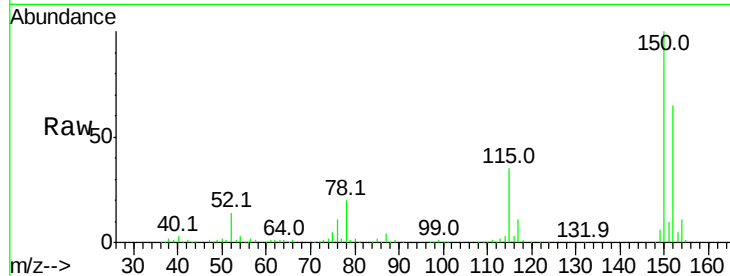


#1

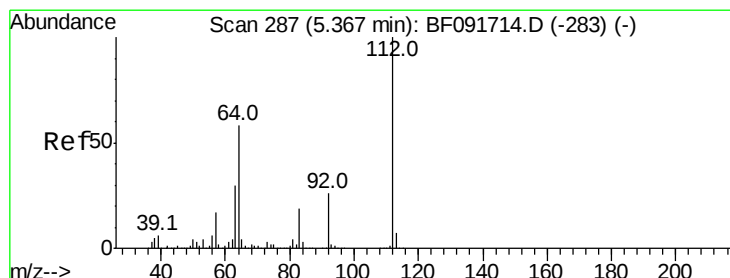
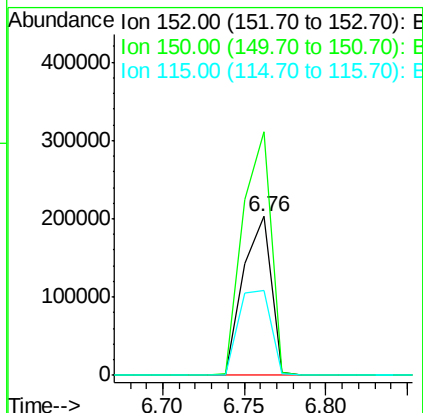
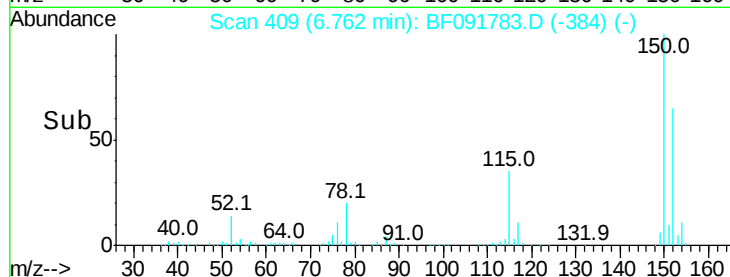
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091783.D
Acq: 19 Dec 2016 19:58

Instrument :
BNA_F
ClientSampleId :
PB95441BL

Tot Ion:152 Resp: 240339
Ion Ratio Lower Upper
152 100
150 153.4 124.9 187.3
115 53.2 46.0 69.0



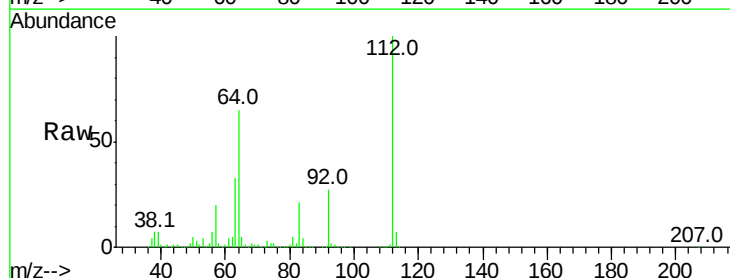
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



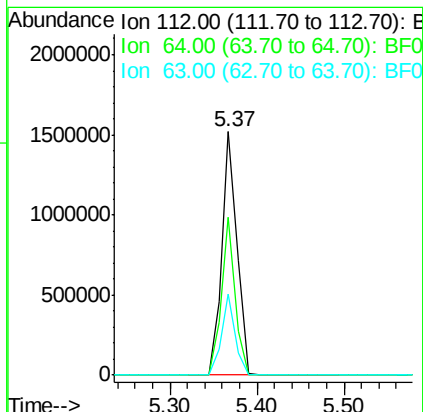
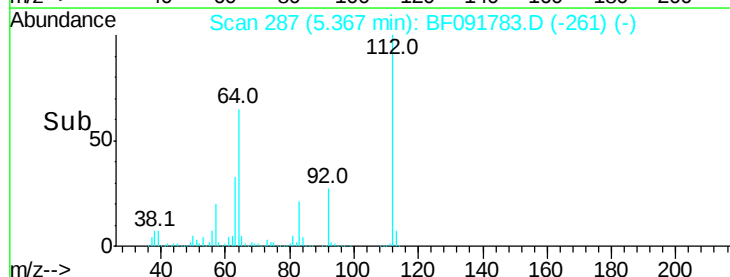
#5

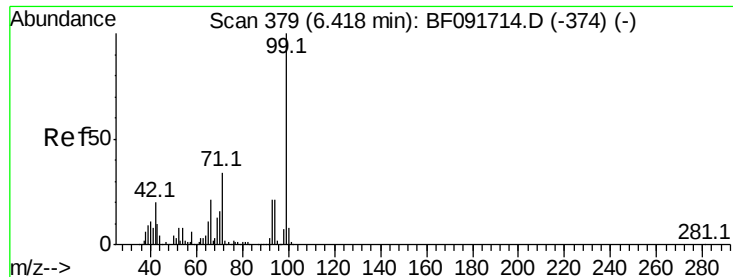
2-Fluorophenol
Concen: 130.24 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF091783.D
Acq: 19 Dec 2016 19:58

Tgt Ion:112 Resp: 1868291
Ion Ratio Lower Upper
112 100
64 64.6 46.1 69.1
63 33.4 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: 132.08 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091783.D

Acq: 19 Dec 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB95441BL

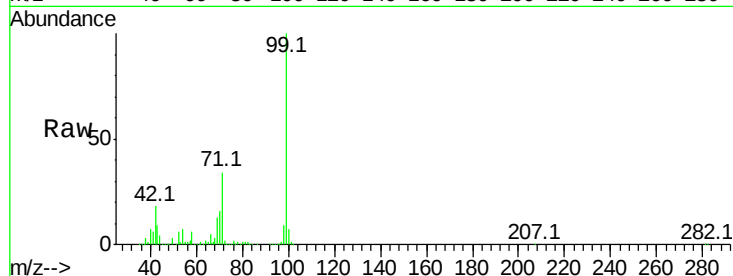
Tot Ion: 99 Resp: 2310741

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

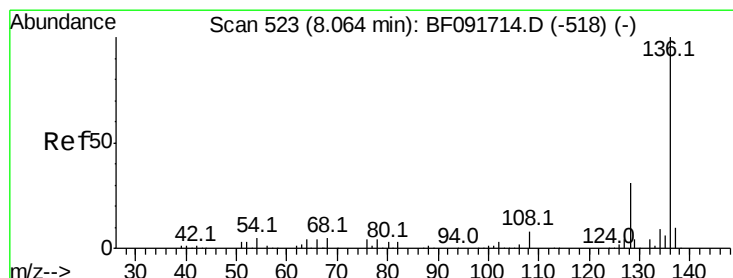
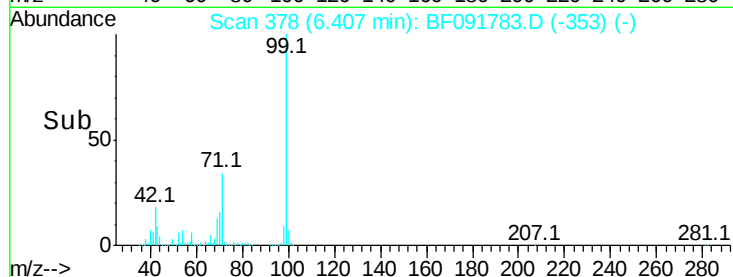
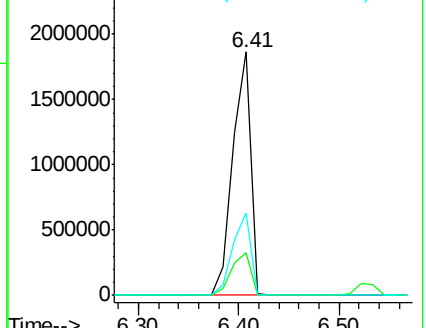
71 33.6 27.5 41.3



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: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091783.D

Acq: 19 Dec 2016 19:58

Tgt Ion: 136 Resp: 1007850

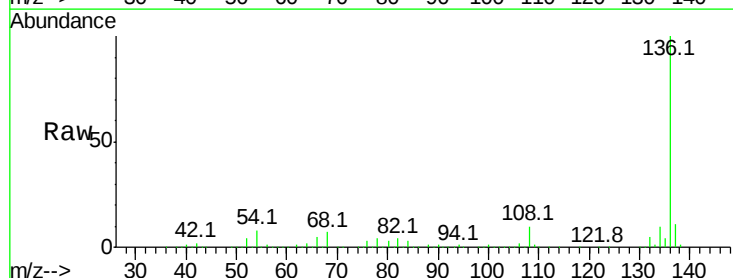
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 7.9 4.5 6.7#

68 6.5 3.6 5.4#

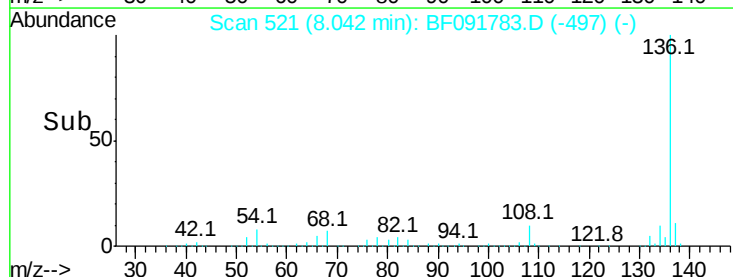
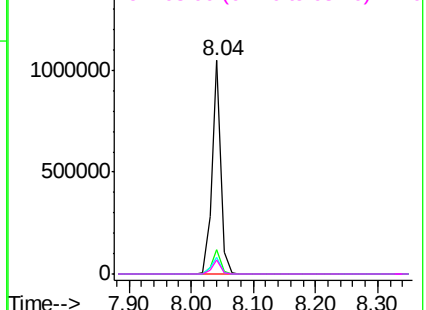


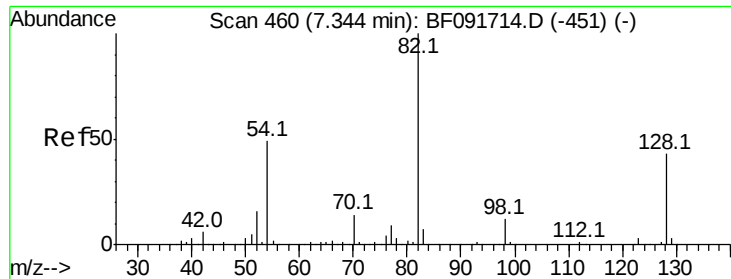
Abundance Ion 136.00 (135.70 to 136.70): E

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

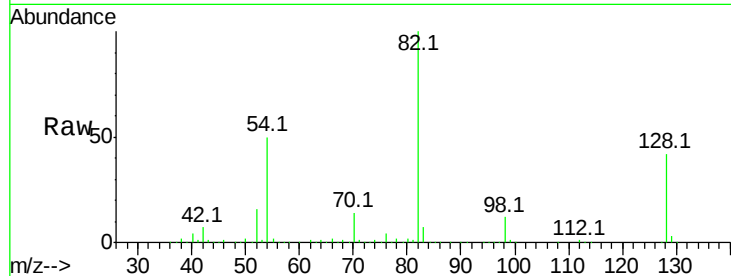




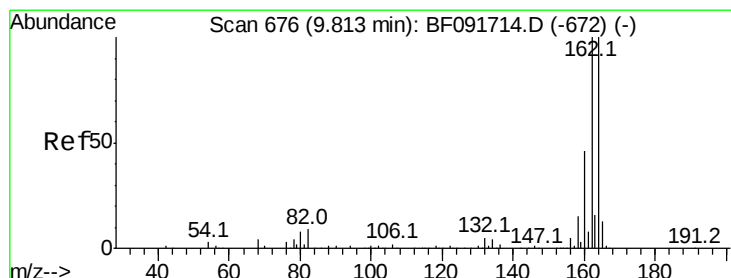
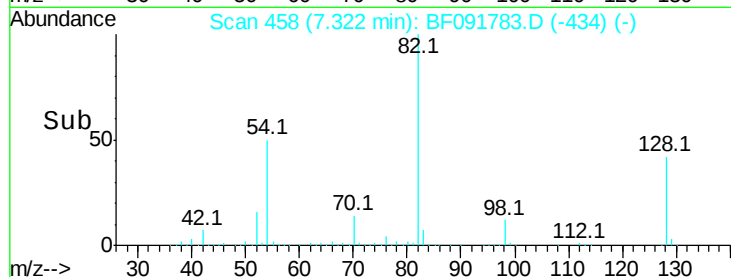
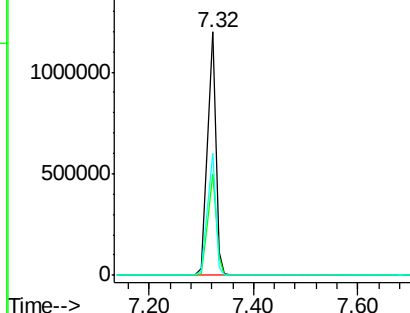
#23
Nitrobenzene-d5
Concen: 75.27 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091783.D
Acq: 19 Dec 2016 19:58

Instrument :
BNA_F
ClientSampleId :
PB95441BL

Tot Ion: 82 Resp: 1315406
Ion Ratio Lower Upper
82 100
128 41.8 34.6 52.0
54 50.2 39.5 59.3

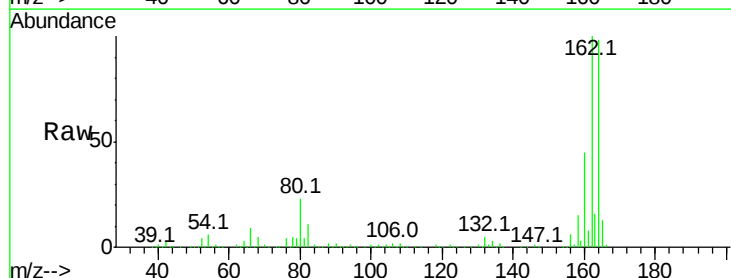


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

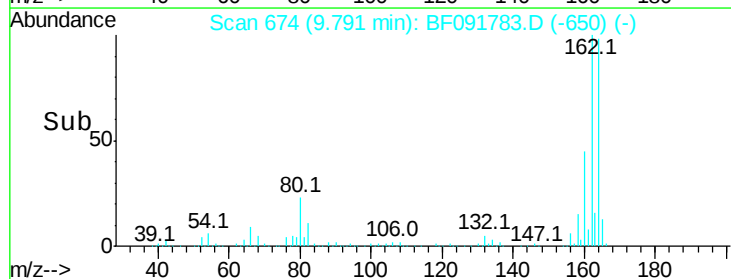
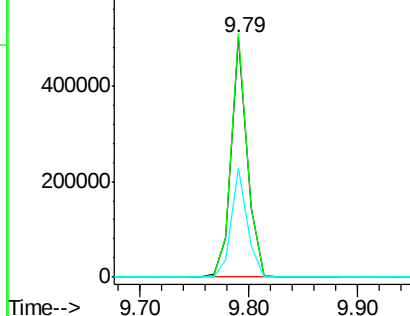


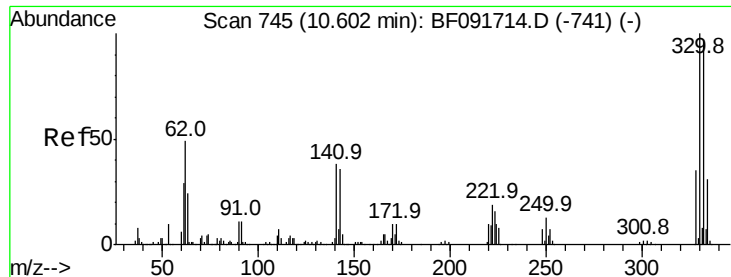
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091783.D
Acq: 19 Dec 2016 19:58

Tgt Ion:164 Resp: 506161
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 45.4 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

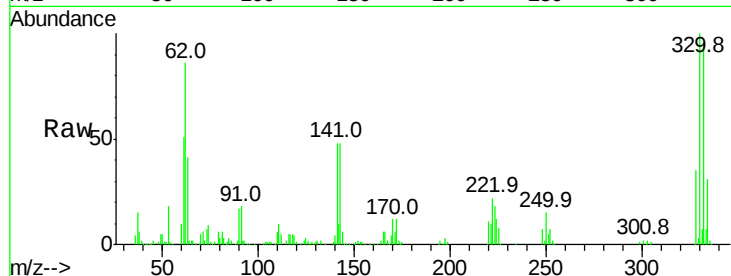




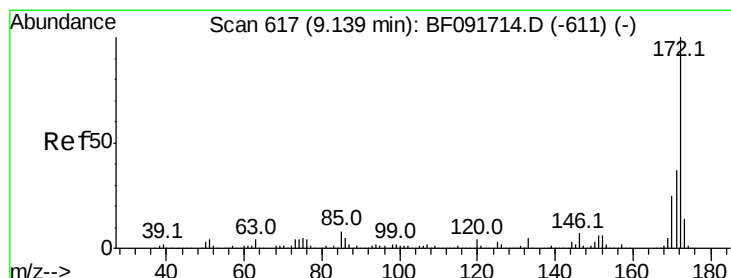
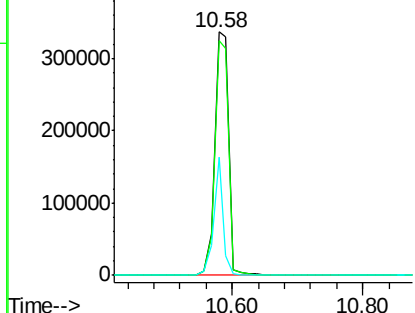
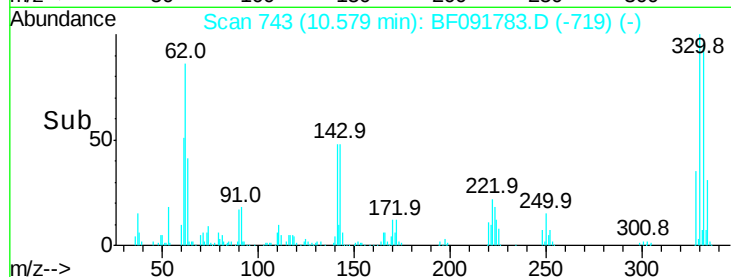
#41
 2,4,6-Tribromophenol
 Concen: 120.08 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF091783.D
 Acq: 19 Dec 2016 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BL

Tot Ion:330 Resp: 515402
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 32.3 34.1 51.1#

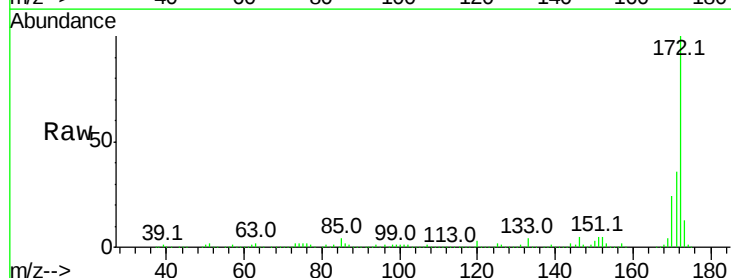


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

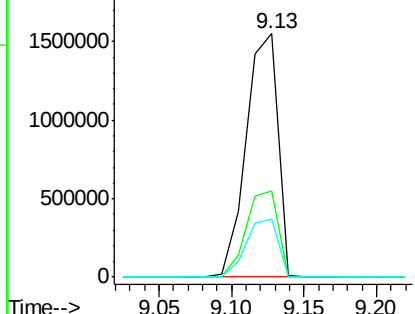
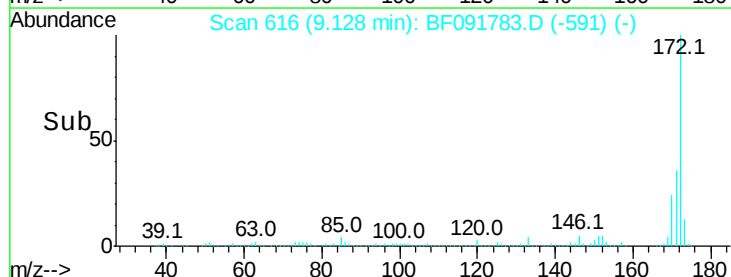


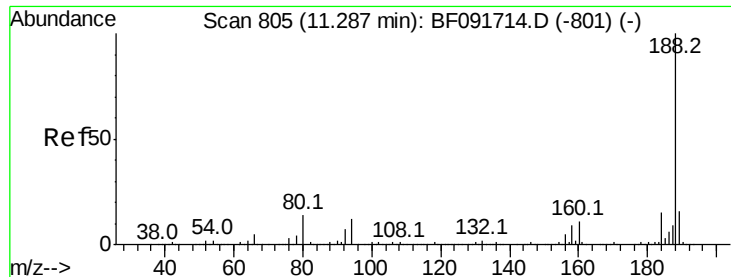
#44
 2-Fluorobiphenyl
 Concen: 93.67 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091783.D
 Acq: 19 Dec 2016 19:58

Tgt Ion:172 Resp: 2359901
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 23.9 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

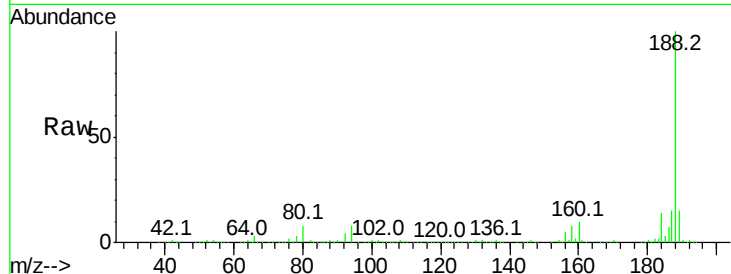




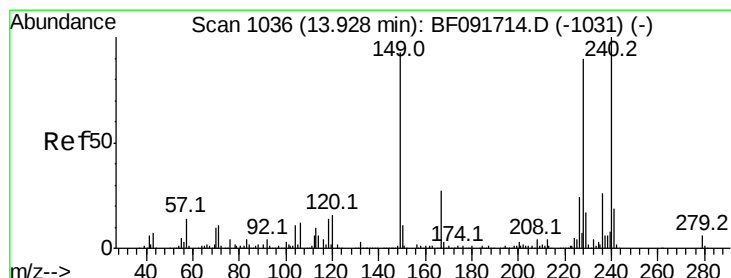
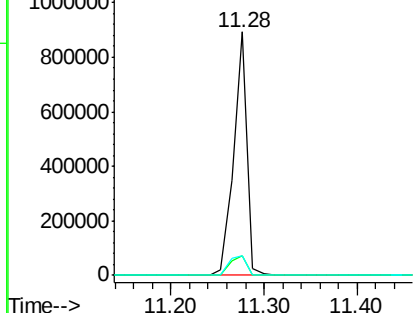
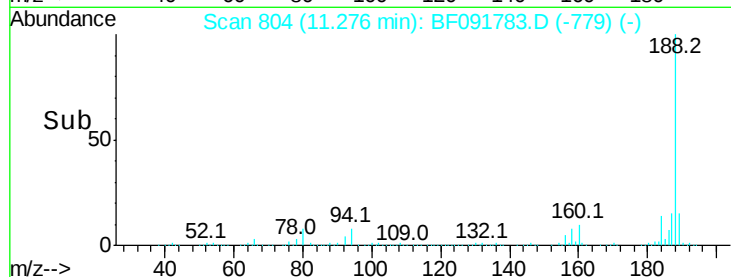
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF091783.D
 Acq: 19 Dec 2016 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.8	10.0	15.0#
80	8.2	11.2	16.8#

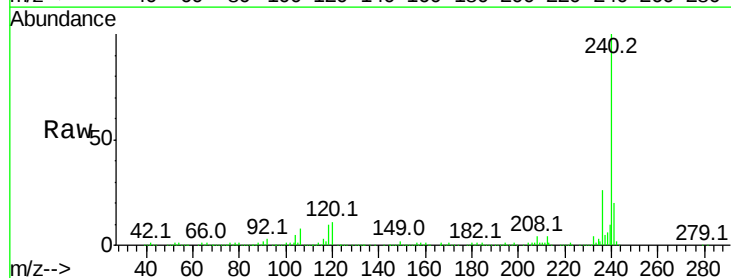


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

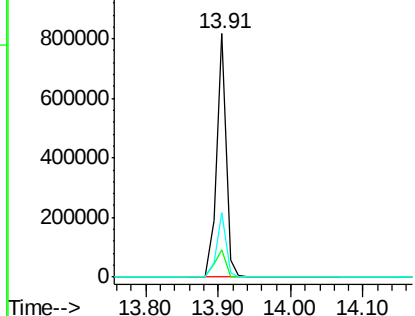
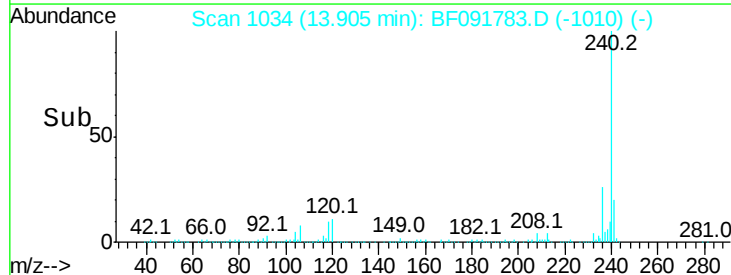


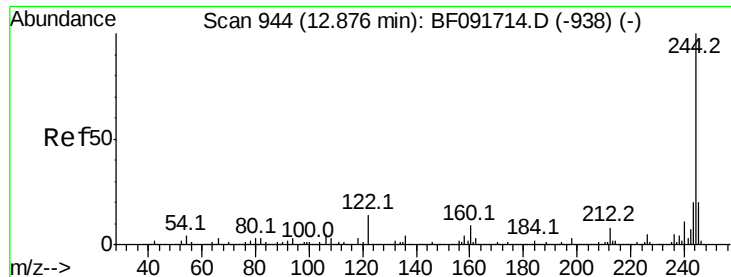
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF091783.D
 Acq: 19 Dec 2016 19:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	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

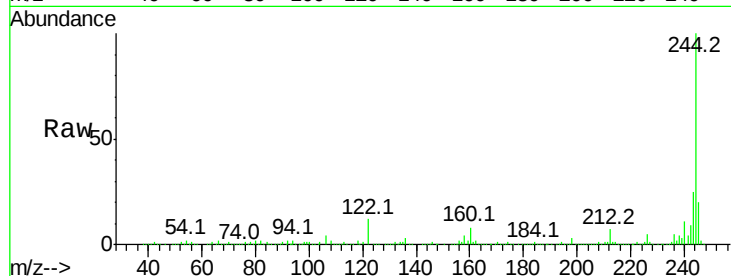




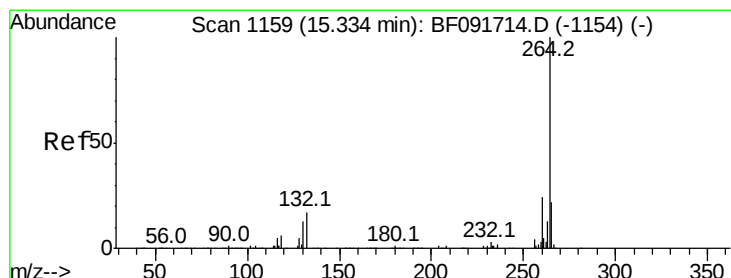
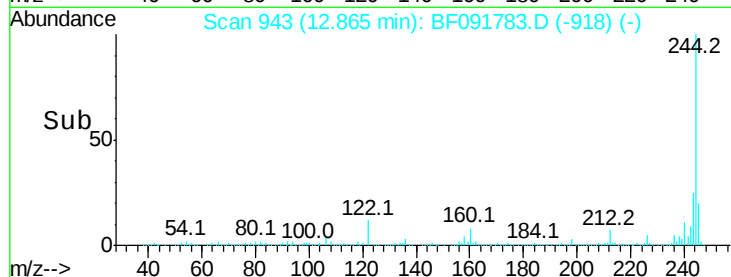
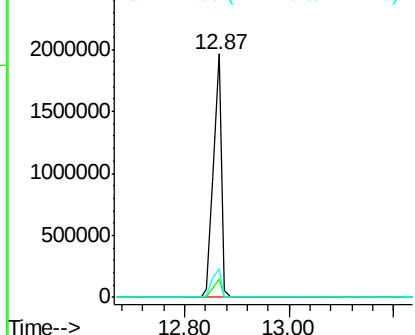
#78
 Terphenyl-d14
 Concen: 71.61 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF091783.D
 Acq: 19 Dec 2016 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BL

Tot Ion:244 Resp: 2114157
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 11.8 11.4 17.2

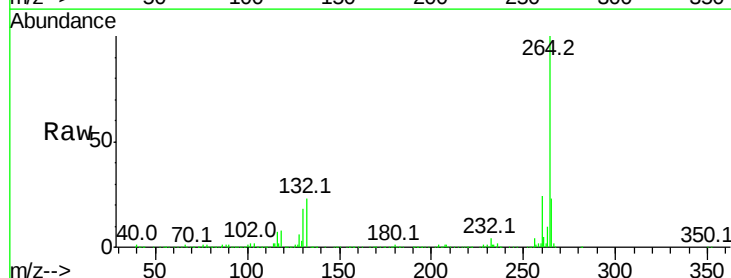


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF091783.D
 Acq: 19 Dec 2016 19:58

Tgt Ion:264 Resp: 643270
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.6 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

