

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093734.D
 Acq On : 18 Mar 2017 5:59
 Operator : SJ/MA
 Sample : PB97674BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97674BL

Quant Time: Mar 18 06:29:14 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	202773	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	785535	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	356288	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	707359	20.00	ng	0.00
75) Chrysene-d12	13.99	240	625323	20.00	ng	-0.01
86) Perylene-d12	15.41	264	524883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1595342	131.17	ng	0.01
7) Phenol-d6	6.48	99	2043172	135.54	ng	0.00
23) Nitrobenzene-d5	7.41	82	1245482	95.16	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	384292	164.81	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	2170900	114.98	ng	0.00
78) Terphenyl-d14	12.95	244	1670650	57.51	ng	0.00

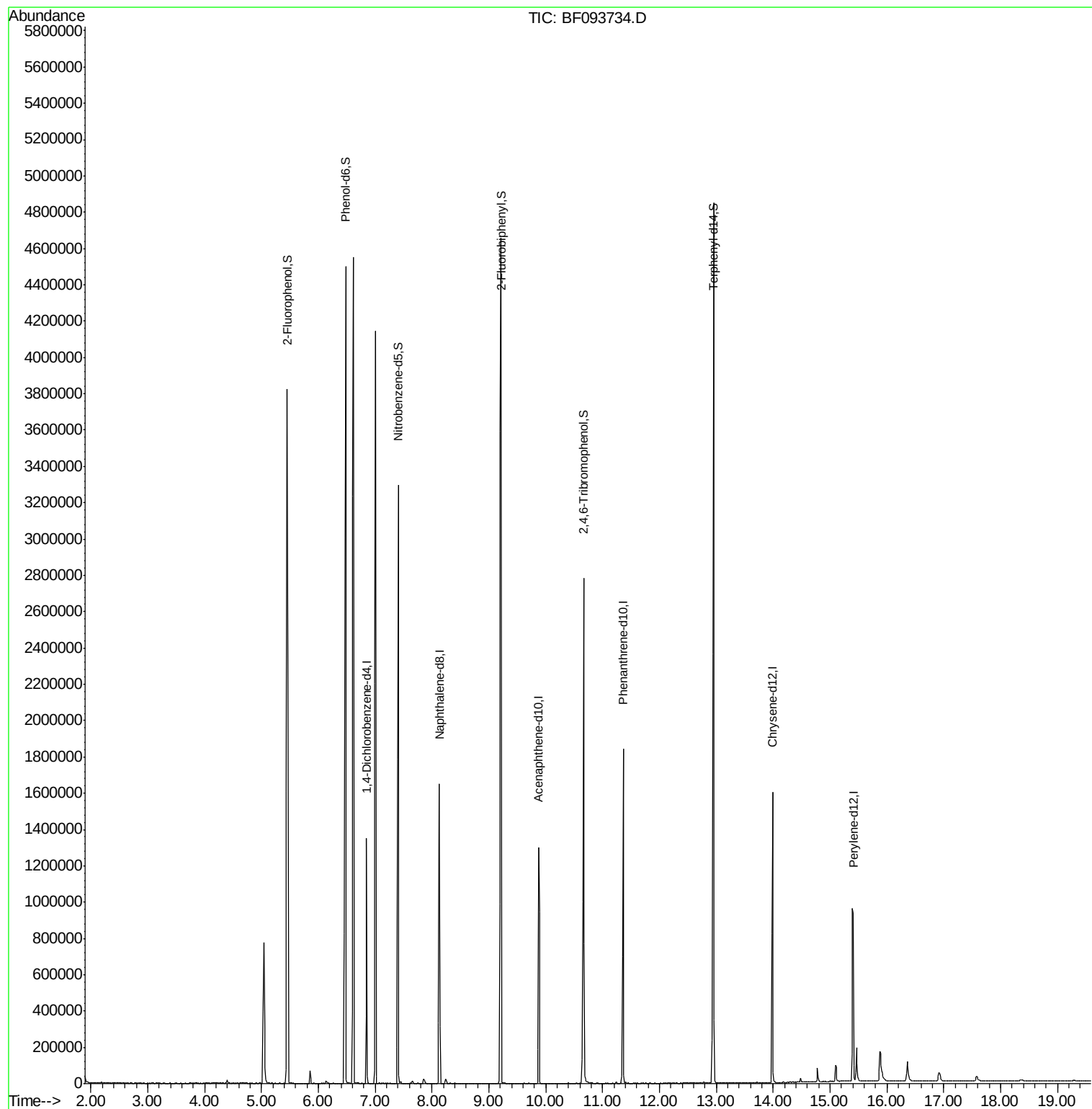
Target Compounds	Qvalue
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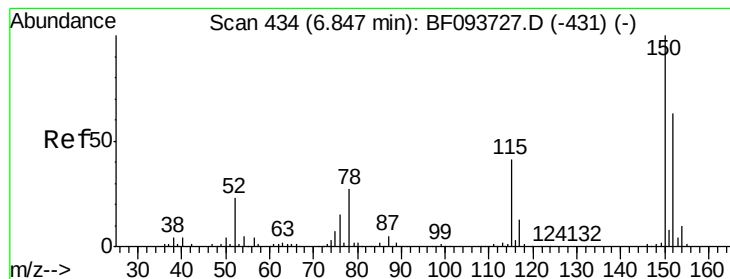
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF093734.D

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Instrument :

BNA_F

ClientSampleId :

PB97674BL

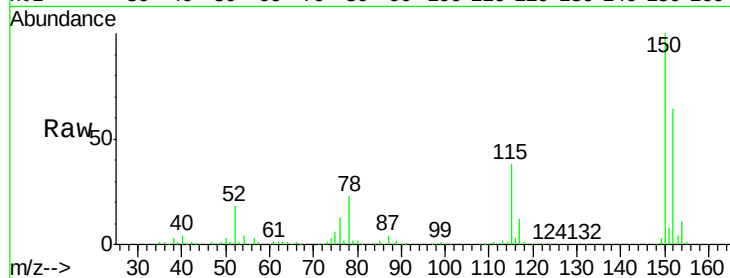
Tgt Ion:152 Resp: 202773

Ion Ratio Lower Upper

152 100

150 156.3 126.2 189.2

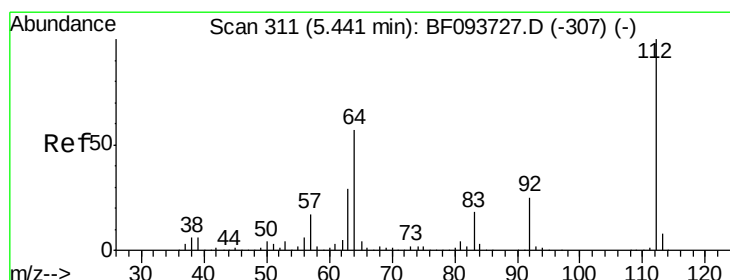
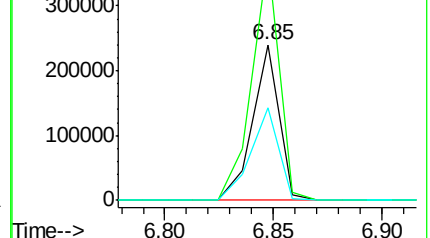
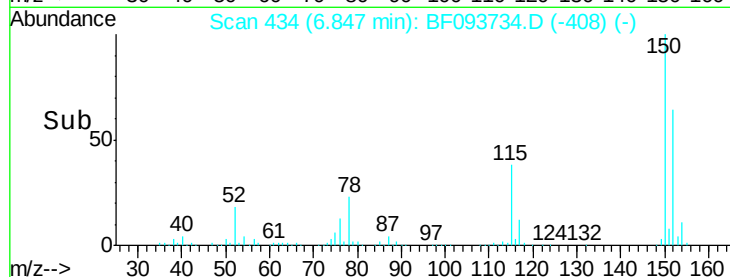
115 59.5 52.2 78.2



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: 131.17 ng

RT: 5.45 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF093734.D

Acq: 18 Mar 2017 5:59

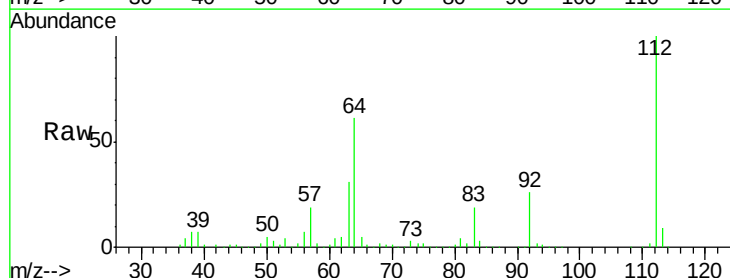
Tgt Ion:112 Resp: 1595342

Ion Ratio Lower Upper

112 100

64 61.1 46.0 69.0

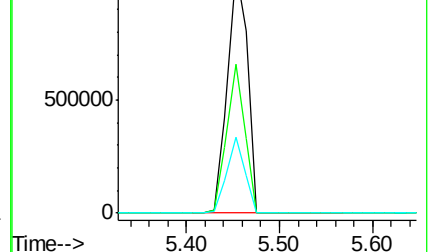
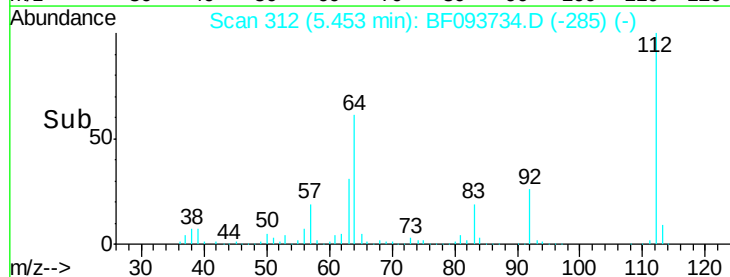
63 31.4 23.4 35.0

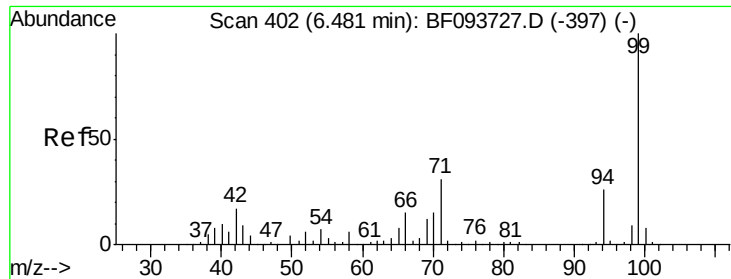


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.54 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF093734.D

Acq: 18 Mar 2017 5:59

Instrument :

BNA_F

ClientSampleId :

PB97674BL

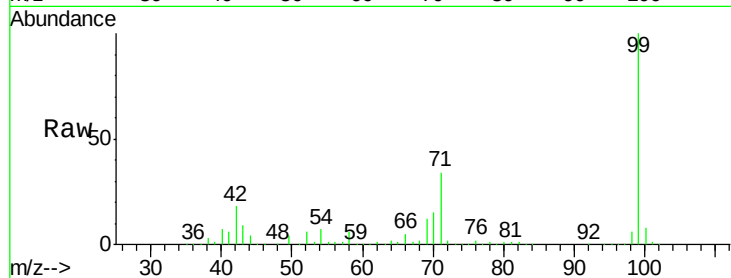
Tgt Ion: 99 Resp: 2043172

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

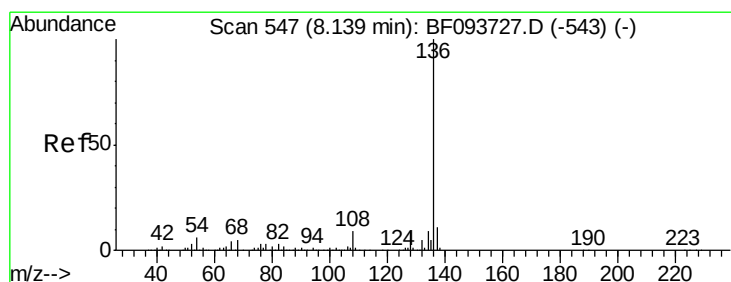
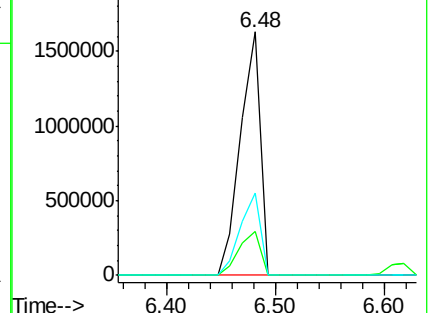
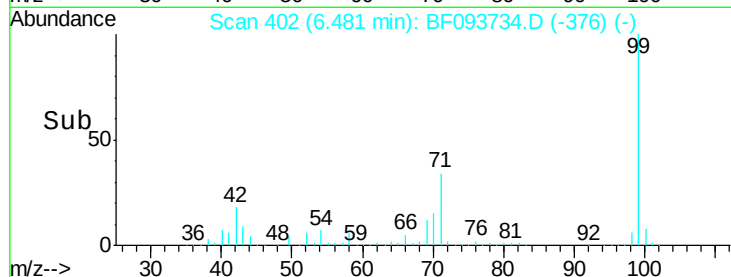
71 33.6 24.5 36.7



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: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093734.D

Acq: 18 Mar 2017 5:59

Tgt Ion: 136 Resp: 785535

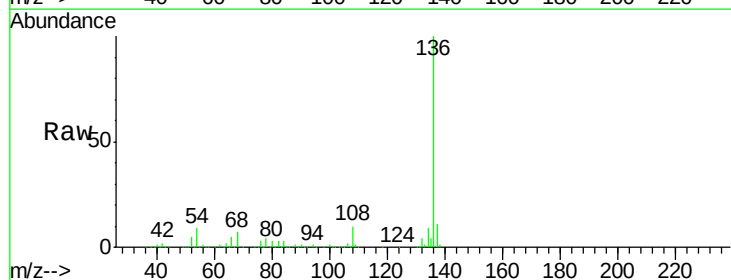
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.6 4.9 7.3#

68 6.7 4.1 6.1#

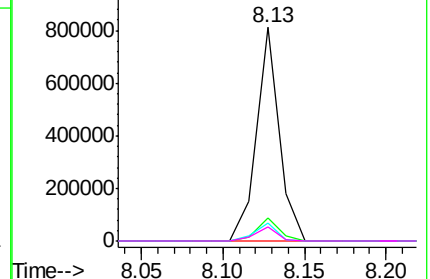
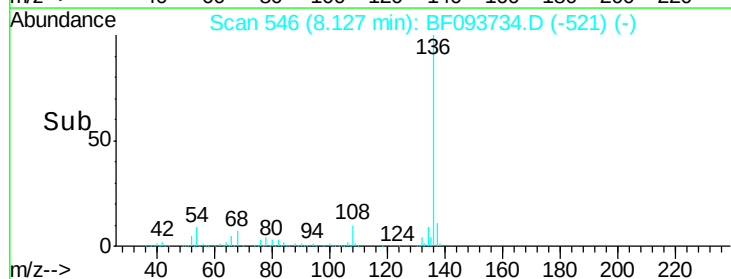


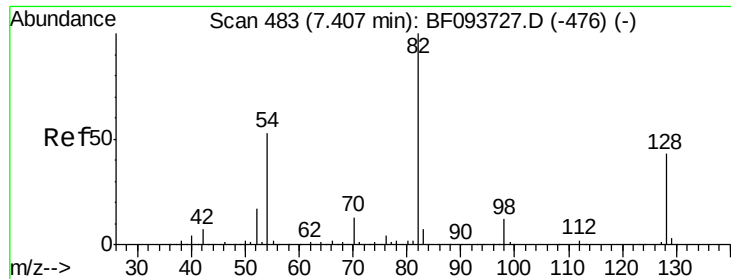
Abundance Ion 136.00 (135.70 to 136.70): E

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

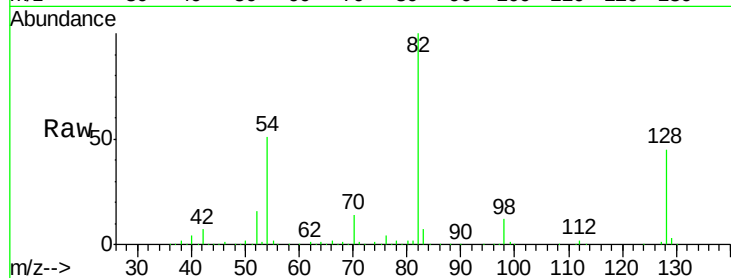




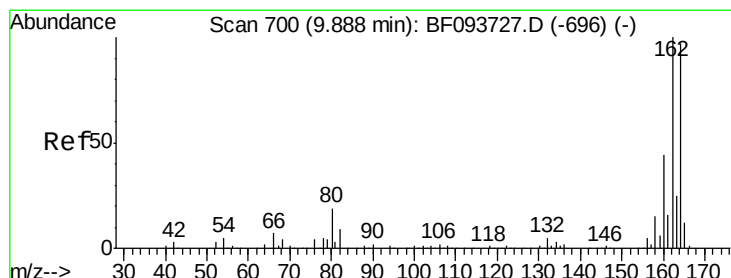
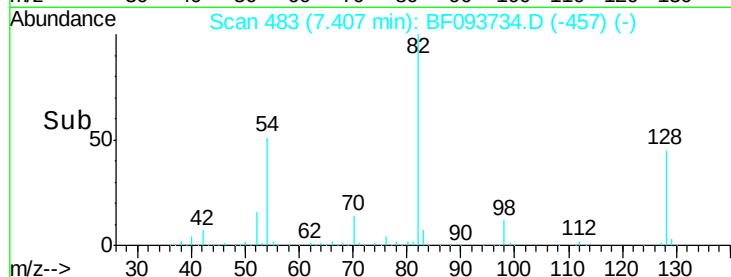
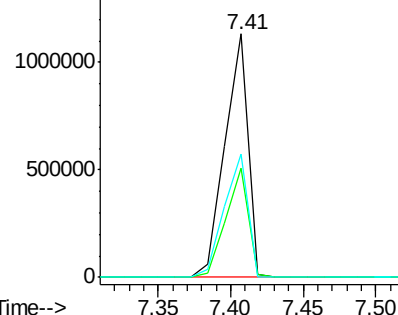
#23
 Nitrobenzene-d5
 Concen: 95.16 ng
 RT: 7.41 min Scan# 483
 Delta R.T. -0.00 min
 Lab File: BF093734.D
 Acq: 18 Mar 2017 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97674BL

Tgt Ion: 82 Resp: 1245482
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.0 51.0
 54 50.8 42.2 63.2

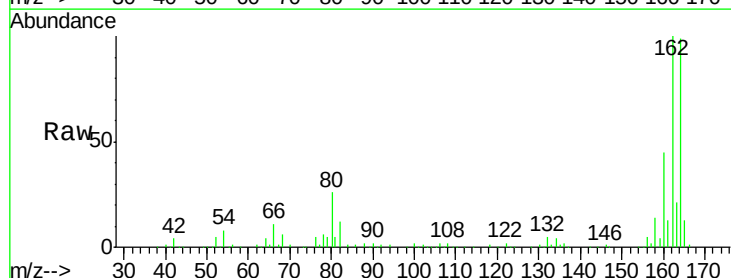


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

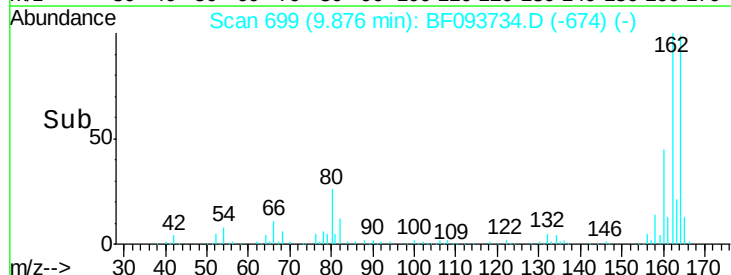
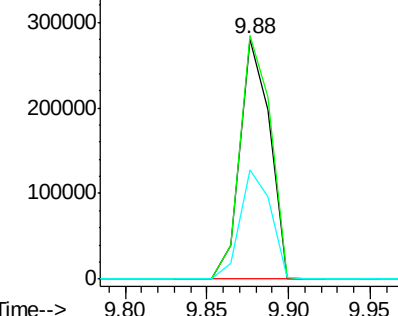


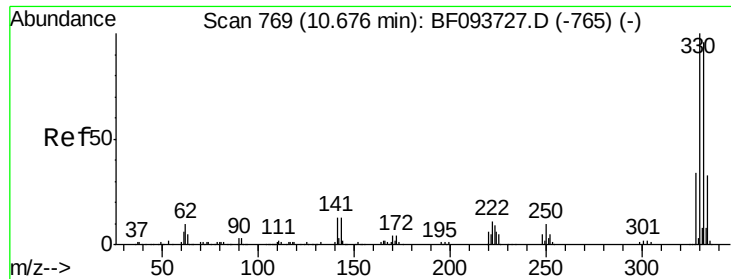
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF093734.D
 Acq: 18 Mar 2017 5:59

Tgt Ion: 164 Resp: 356288
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 123.8
 160 45.3 36.2 54.2



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

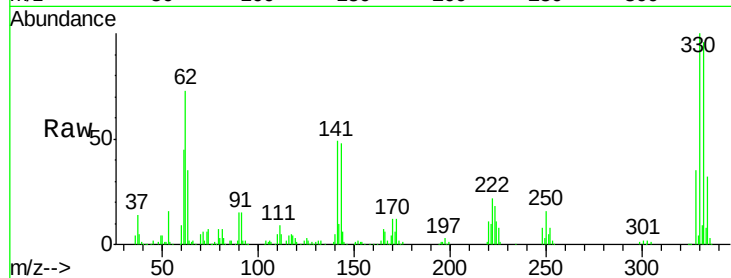




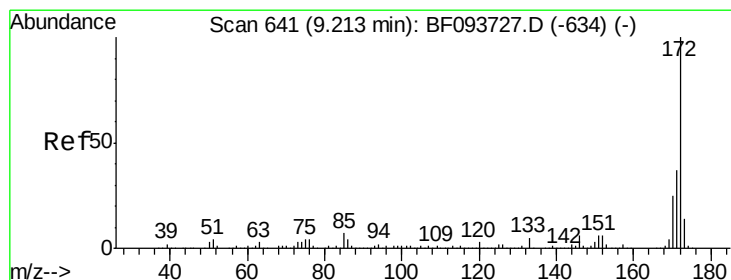
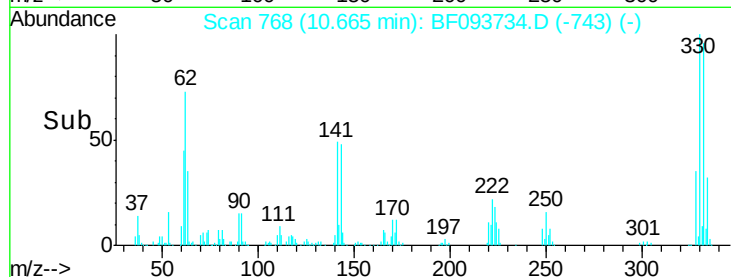
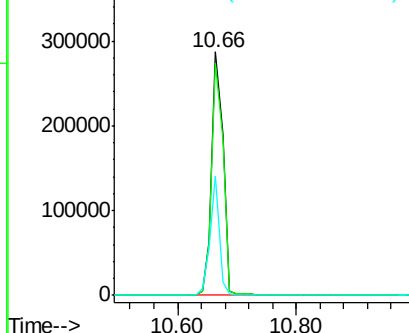
#41
 2,4,6-Tribromophenol
 Concen: 164.81 ng
 RT: 10.66 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF093734.D
 Acq: 18 Mar 2017 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97674BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	40.1	31.4	47.2

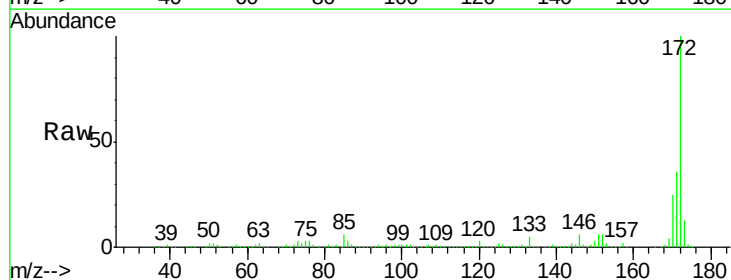


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

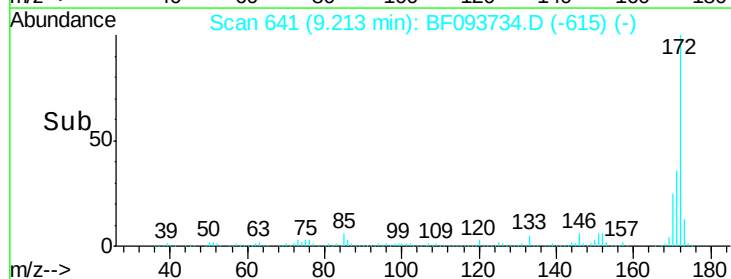
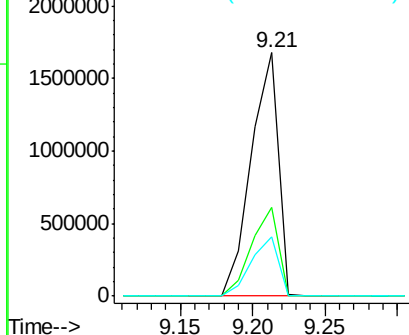


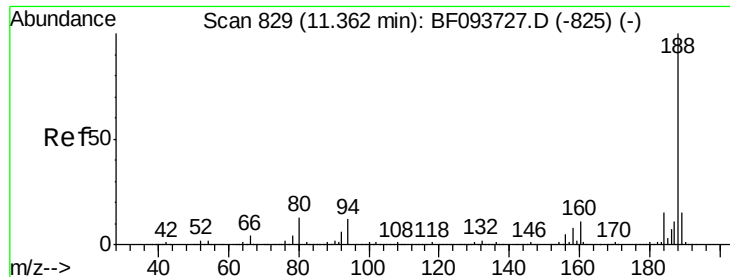
#44
 2-Fluorobiphenyl
 Concen: 114.98 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093734.D
 Acq: 18 Mar 2017 5:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.6	19.8	29.8



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

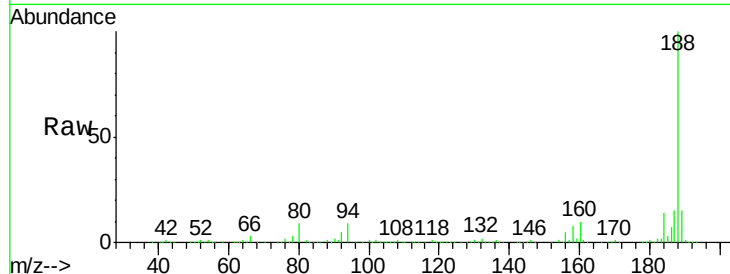




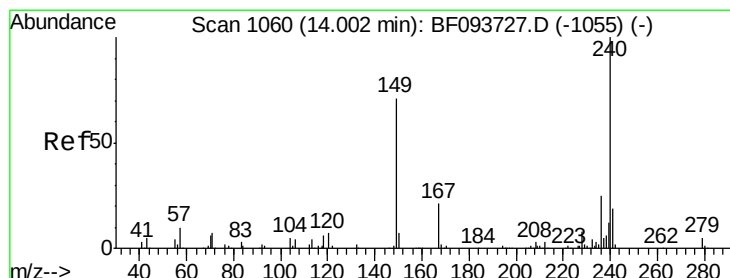
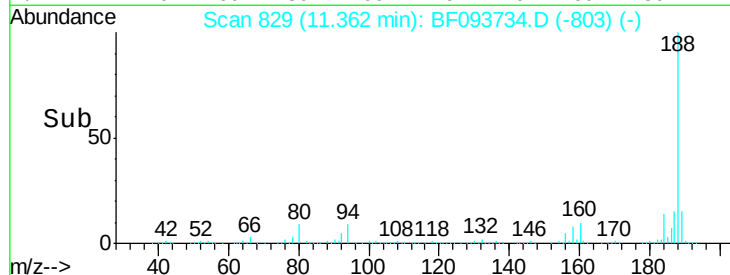
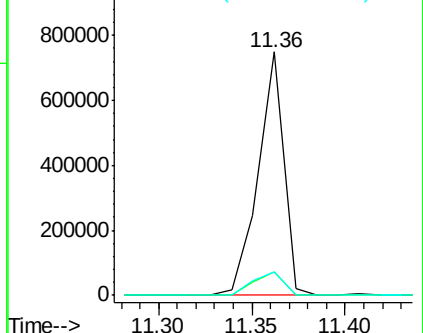
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF093734.D
Acq: 18 Mar 2017 5:59

Instrument :
BNA_F
ClientSampleId :
PB97674BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	9.4	10.2	15.2#

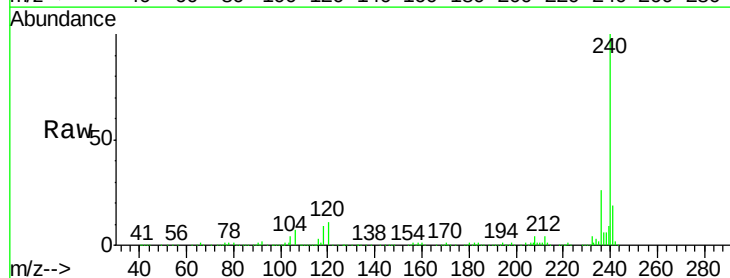


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

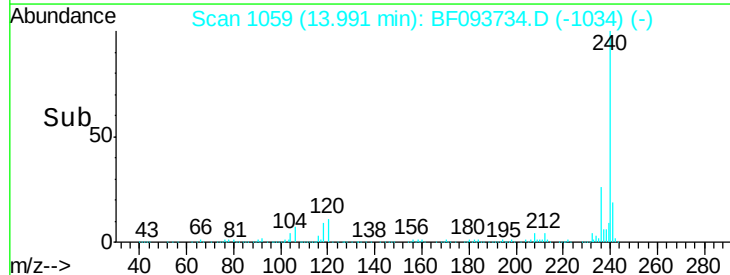
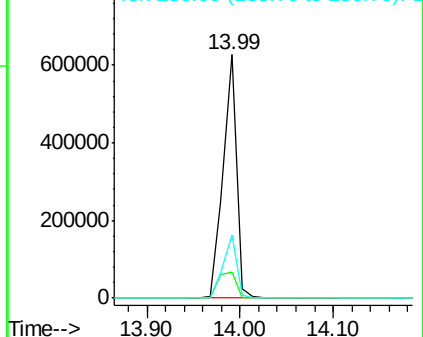


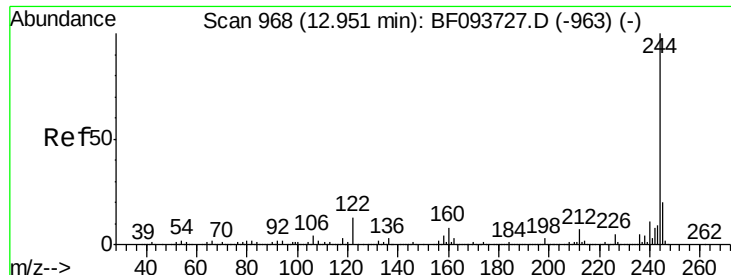
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF093734.D
Acq: 18 Mar 2017 5:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	5.8	8.8#
236	26.2	20.5	30.7



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

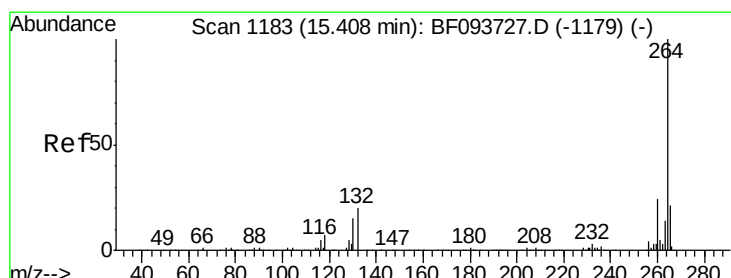
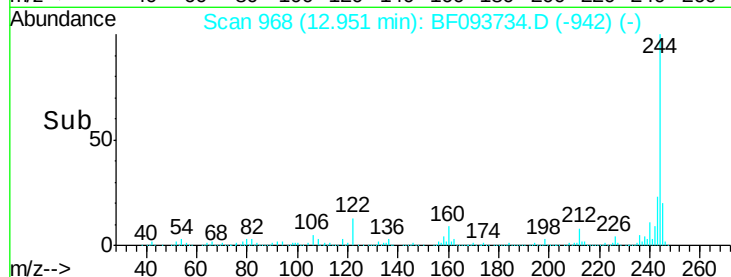
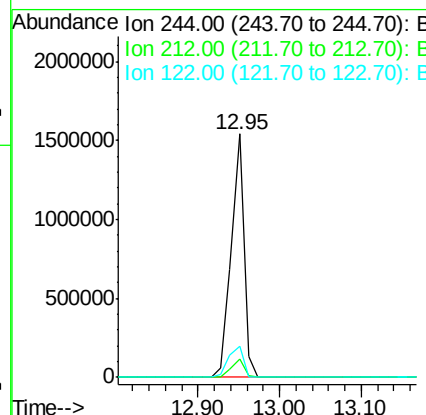
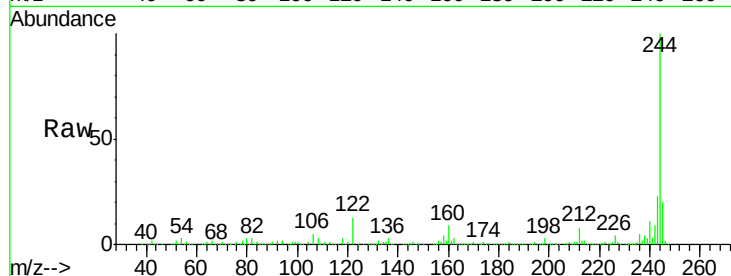




#78
 Terphenyl-d14
 Concen: 57.51 ng
 RT: 12.95 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF093734.D
 Acq: 18 Mar 2017 5:59

Instrument :
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 PB97674BL

Tgt Ion:244 Resp: 1670650
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF093734.D
 Acq: 18 Mar 2017 5:59

Tgt Ion:264 Resp: 524883
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 20.8 17.2 25.8

