

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093736.D
 Acq On : 18 Mar 2017 6:54
 Operator : SJ/MA
 Sample : PB97625BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BL

Quant Time: Mar 18 07:16:22 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	206306	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	798547	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	368929	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	714895	20.00	ng	0.00
75) Chrysene-d12	13.99	240	631834	20.00	ng	-0.01
86) Perylene-d12	15.41	264	516818	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1486593	120.14	ng	0.01
7) Phenol-d6	6.48	99	2064085	134.58	ng	0.00
23) Nitrobenzene-d5	7.41	82	1250788	94.01	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	379196	157.05	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	2192578	112.15	ng	0.00
78) Terphenyl-d14	12.95	244	1649183	56.18	ng	0.00

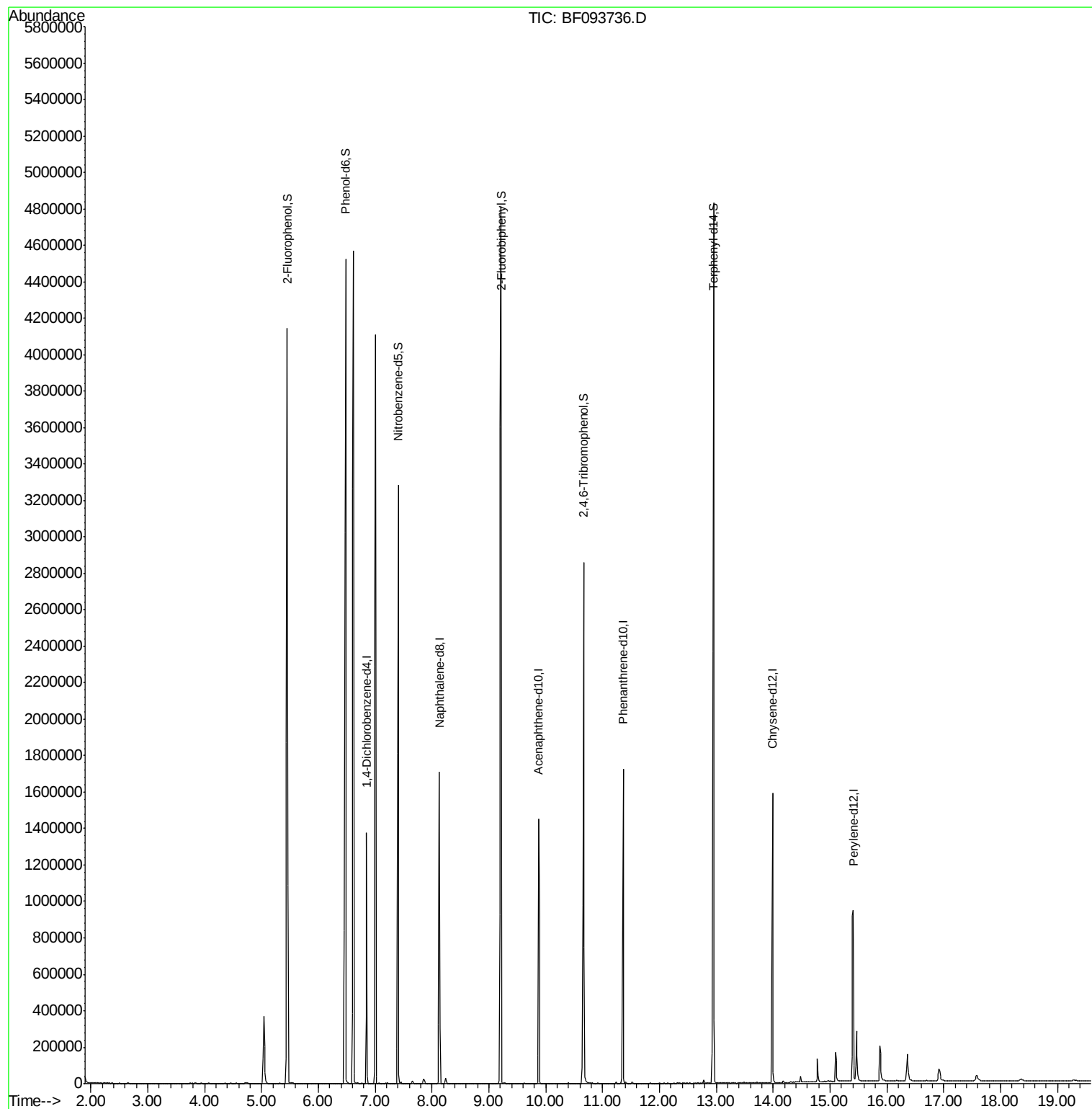
Target Compounds	Qvalue
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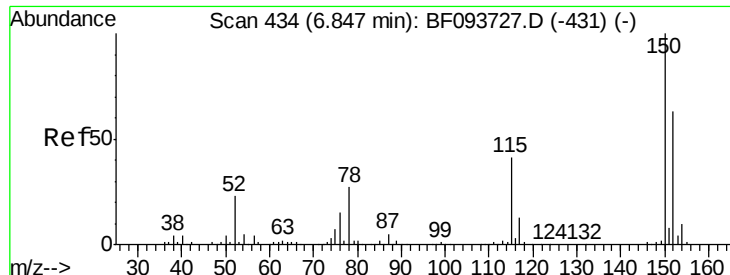
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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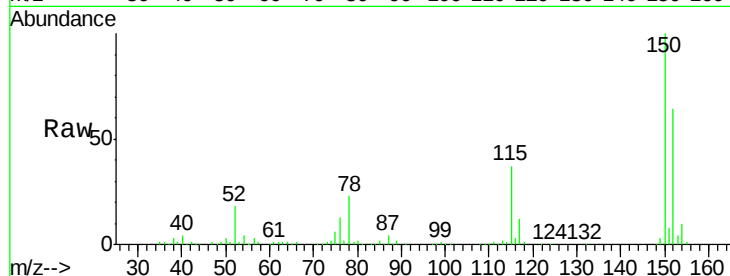




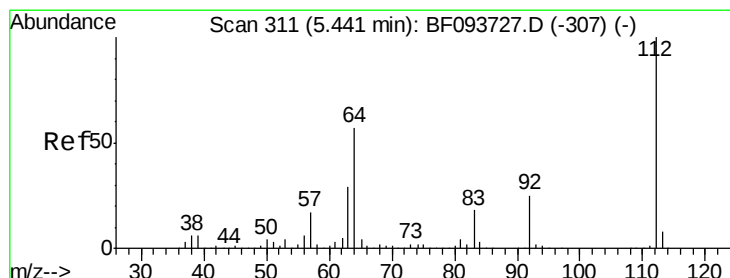
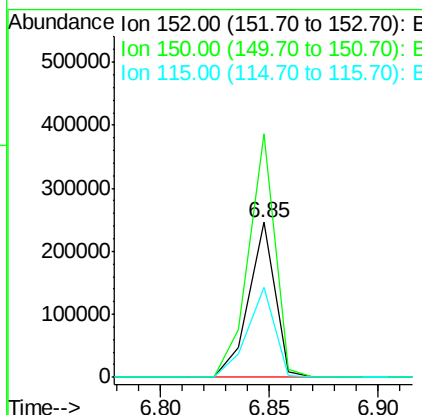
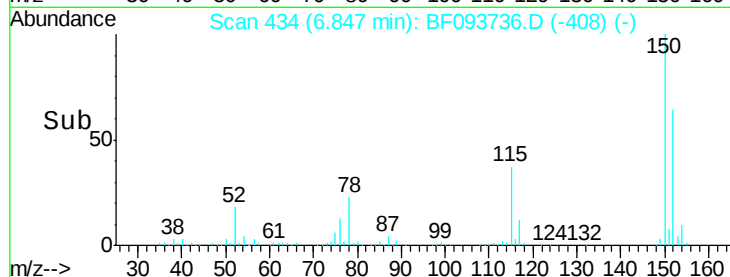
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BF093736.D
 Acq: 18 Mar 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BL

Tgt Ion:152 Resp: 206306
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.2 189.2
 115 57.9 52.2 78.2

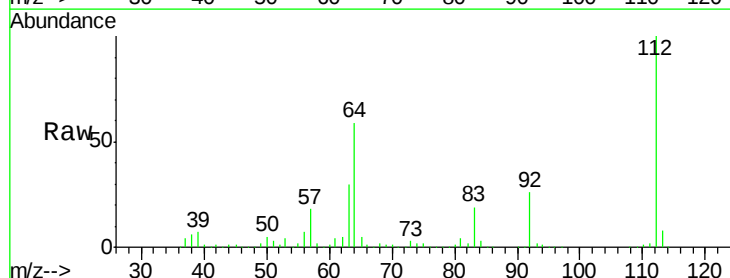


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

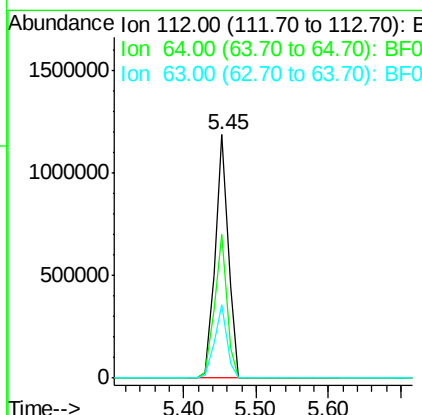
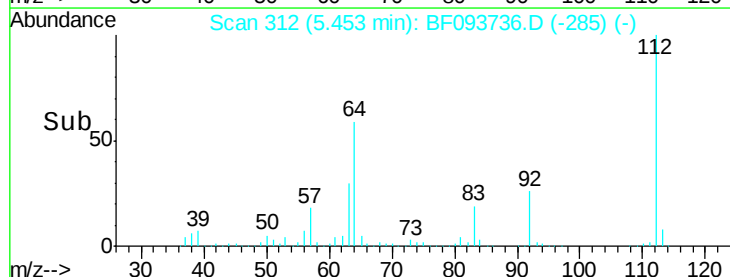


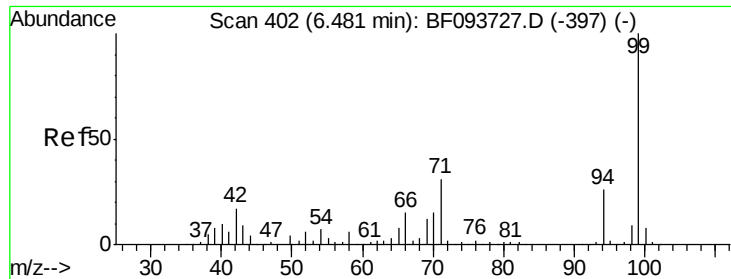
#5
 2-Fluorophenol
 Concen: 120.14 ng
 RT: 5.45 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: BF093736.D
 Acq: 18 Mar 2017 6:54

Tgt Ion:112 Resp: 1486593
 Ion Ratio Lower Upper
 112 100
 64 59.3 46.0 69.0
 63 30.2 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: 134.58 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093736.D

Acq: 18 Mar 2017 6:54

Instrument :

BNA_F

ClientSampleId :

PB97625BL

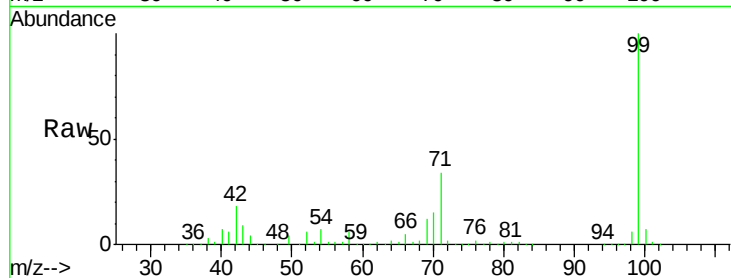
Tgt Ion: 99 Resp: 2064085

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

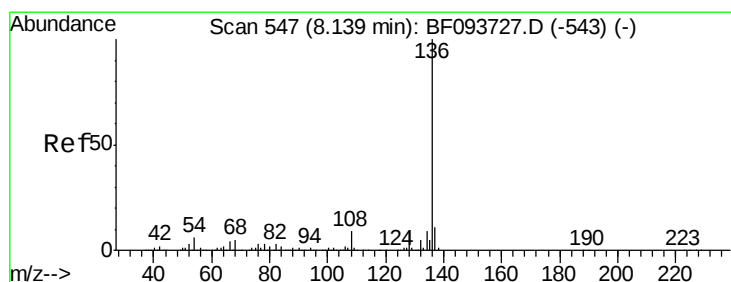
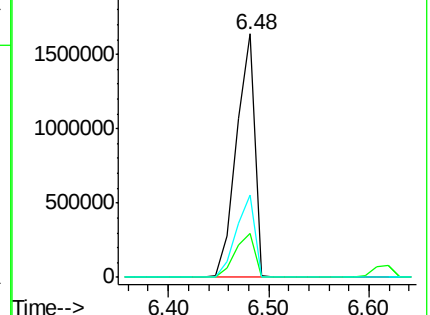
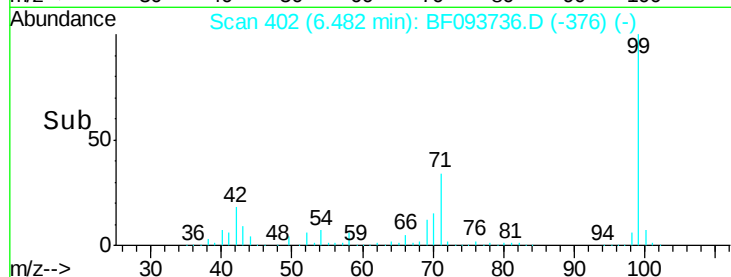
71 33.9 24.5 36.7



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: BF093736.D

Acq: 18 Mar 2017 6:54

Tgt Ion: 136 Resp: 798547

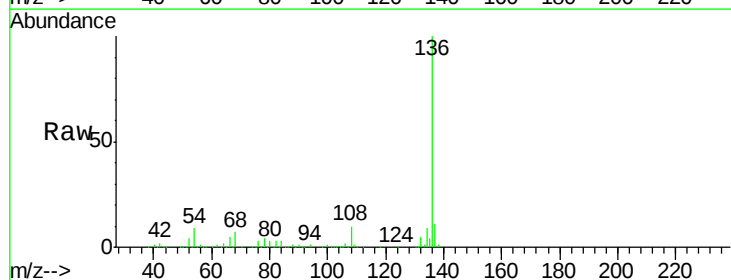
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 8.5 4.9 7.3#

68 6.7 4.1 6.1#

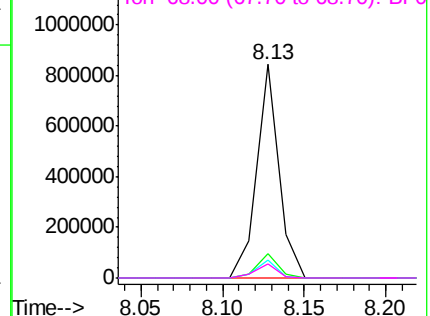
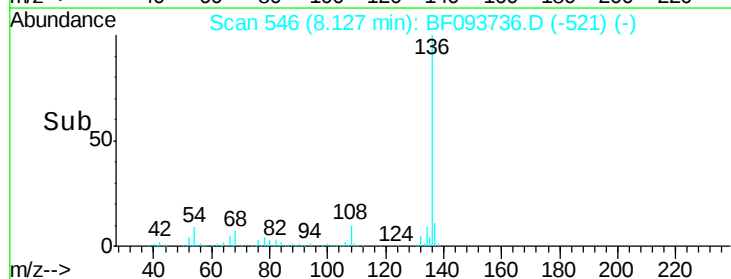


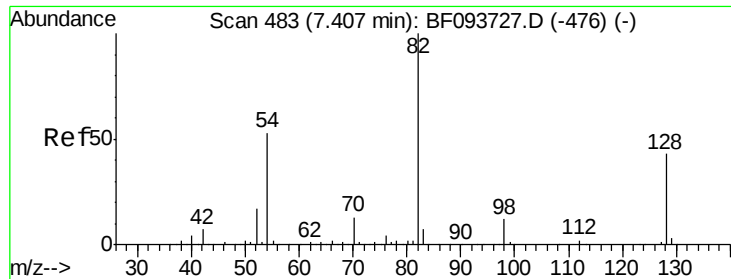
Abundance Ion 136.00 (135.70 to 136.70): E

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

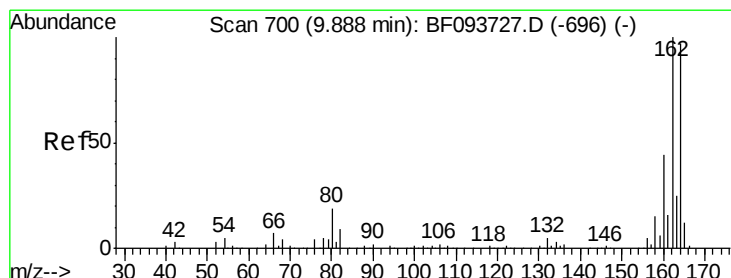
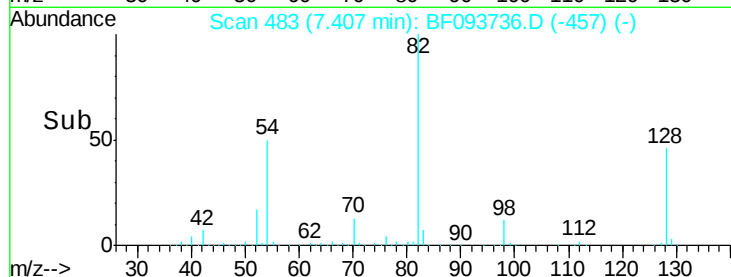
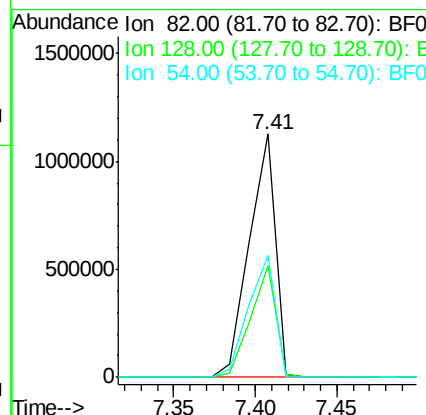
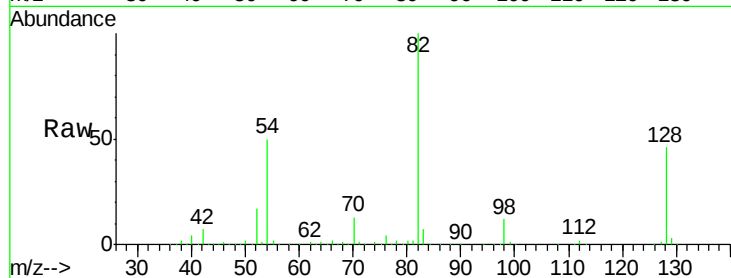




#23
 Nitrobenzene-d5
 Concen: 94.01 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093736.D
 Acq: 18 Mar 2017 6:54

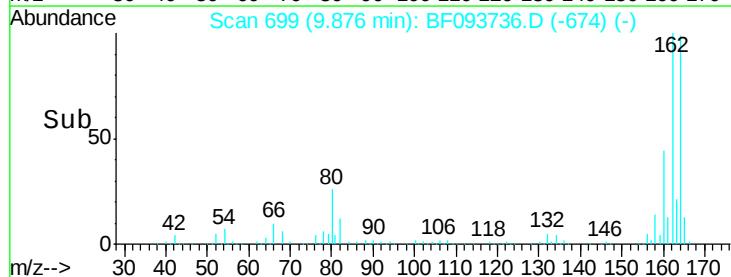
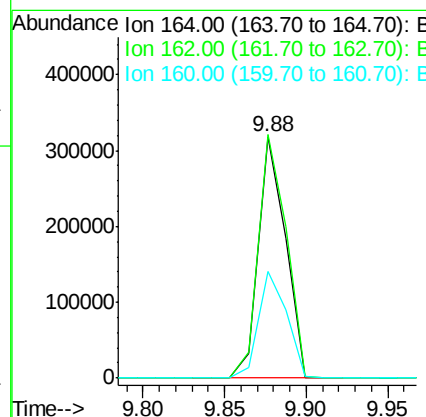
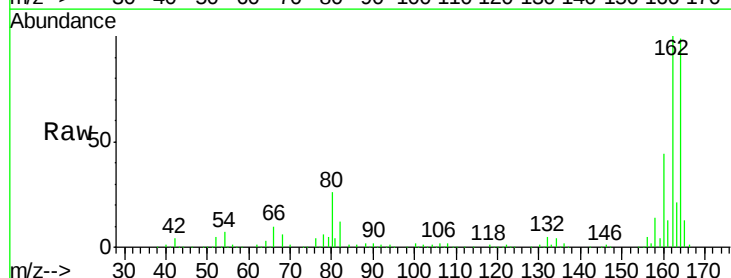
Instrument :
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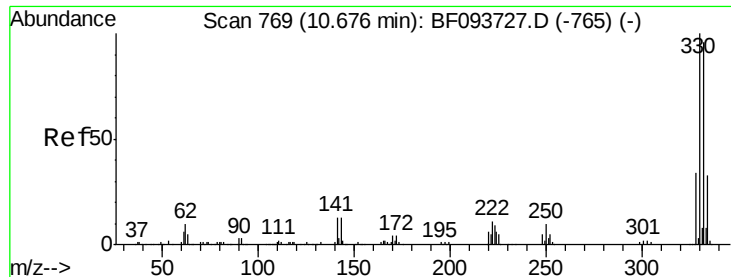
Tgt Ion: 82 Resp: 1250788
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.0 51.0
 54 50.3 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF093736.D
 Acq: 18 Mar 2017 6:54

Tgt Ion: 164 Resp: 368929
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.6 123.8
 160 44.0 36.2 54.2

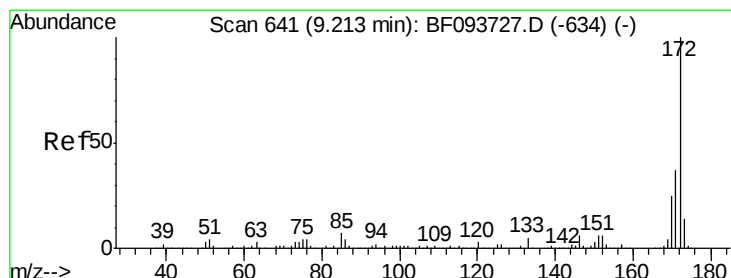
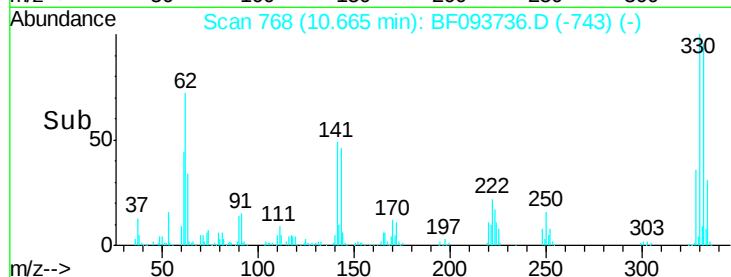
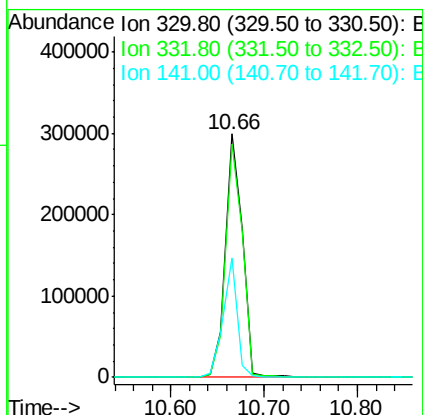
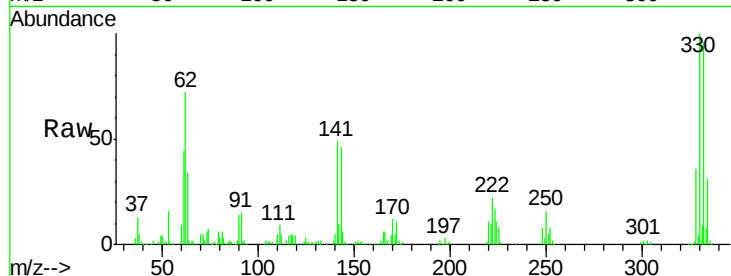




#41
 2,4,6-Tribromophenol
 Concen: 157.05 ng
 RT: 10.66 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF093736.D
 Acq: 18 Mar 2017 6:54

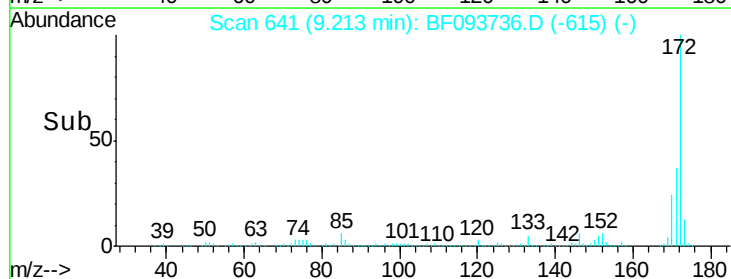
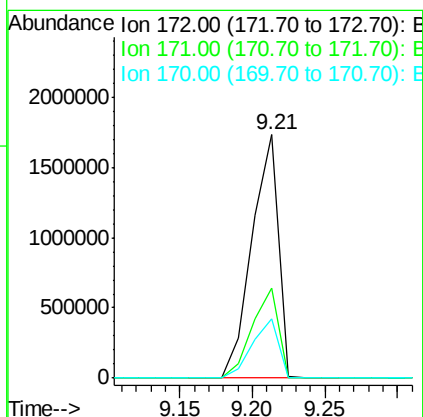
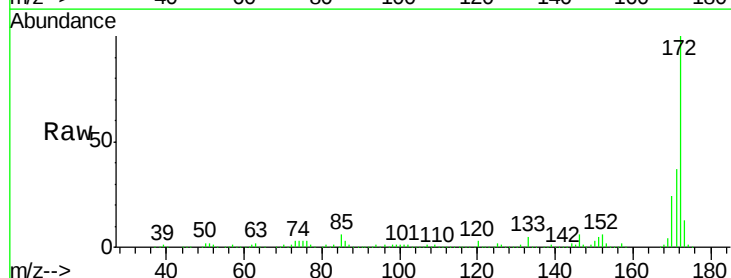
Instrument :
 BNA_F
 ClientSampleId :
 PB97625BL

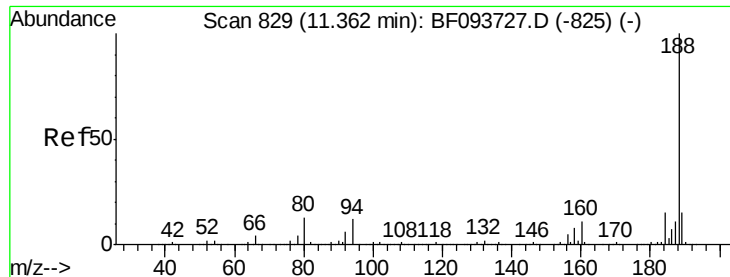
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	40.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 112.15 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093736.D
 Acq: 18 Mar 2017 6:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.5	19.8	29.8

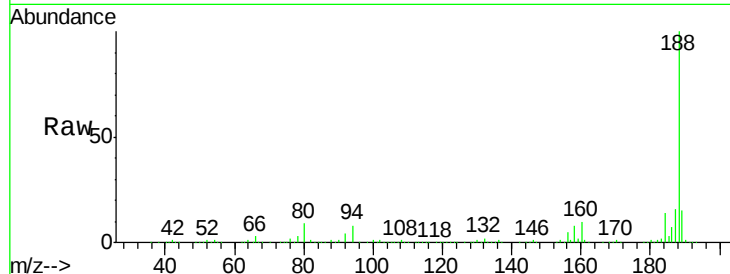




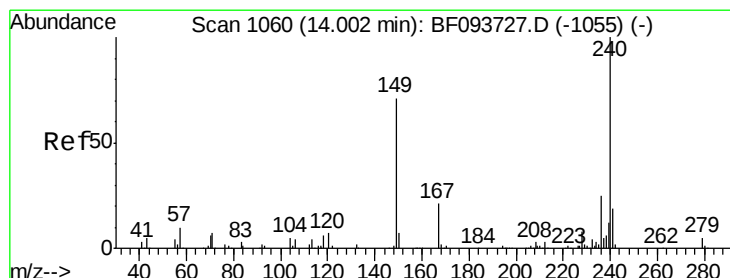
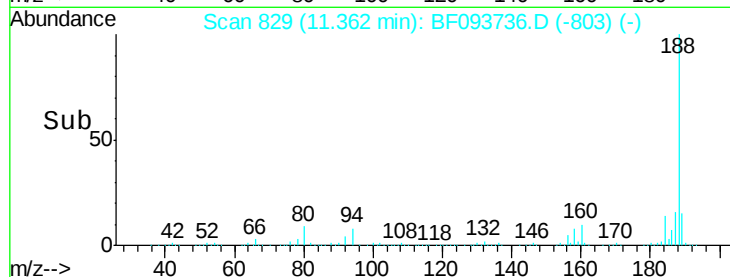
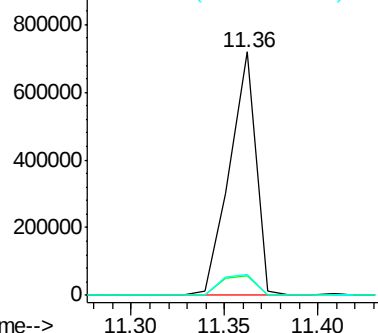
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Instrument :
BNA_F
ClientSampleId :
PB97625BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.4	14.2#
80	8.5	10.2	15.2#

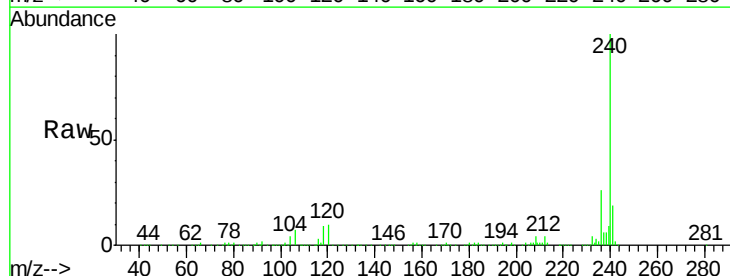


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

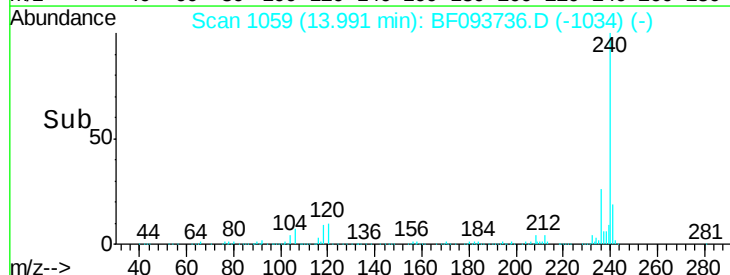
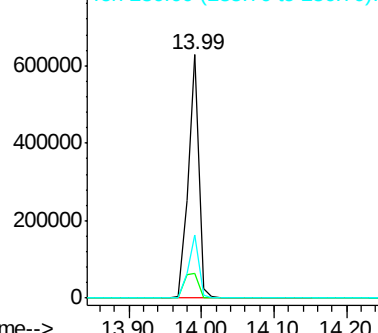


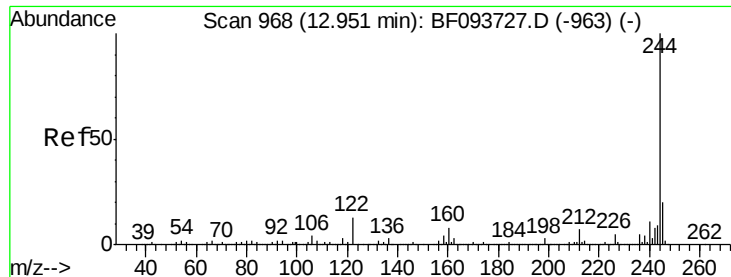
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	5.8	8.8#
236	25.9	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: 56.18 ng

RT: 12.95 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF093736.D

Acq: 18 Mar 2017 6:54

Instrument :

BNA_F

ClientSampleId :

PB97625BL

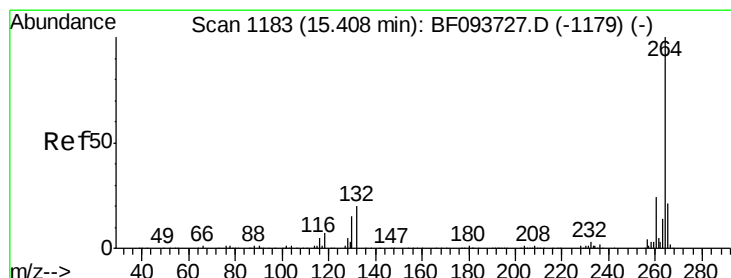
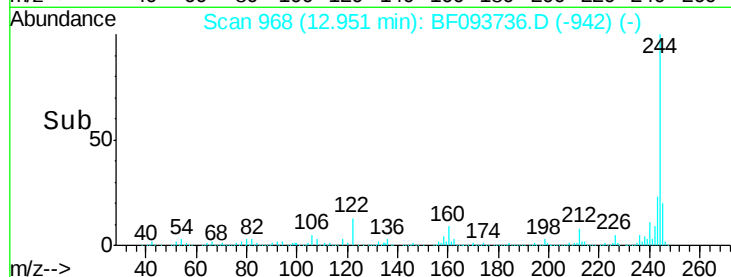
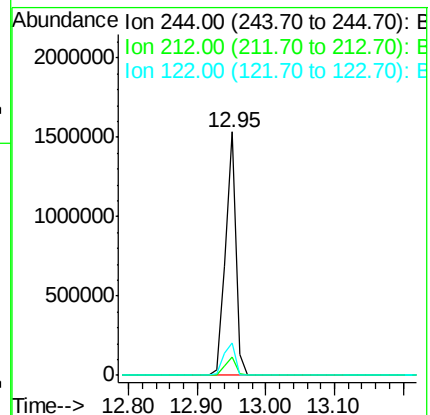
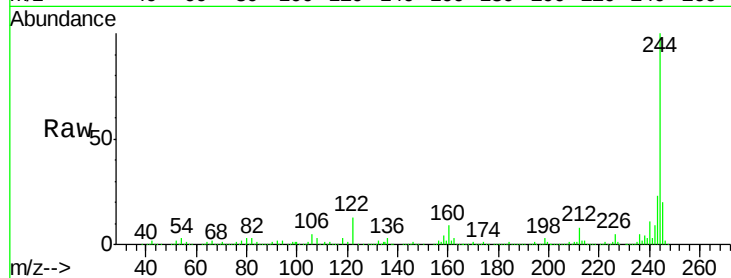
Tgt Ion:244 Resp: 1649183

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 13.2 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: BF093736.D

Acq: 18 Mar 2017 6:54

Tgt Ion:264 Resp: 516818

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.1 17.2 25.8

