

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093740.D
 Acq On : 18 Mar 2017 8:59
 Operator : SJ/MA
 Sample : PB97670BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BL

Quant Time: Mar 20 01:18:49 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	189990	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	698056	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	332114	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	644319	20.00	ng	0.00
75) Chrysene-d12	13.99	240	547372	20.00	ng	-0.01
86) Perylene-d12	15.40	264	437798	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1378557	120.97	ng	0.01
7) Phenol-d6	6.48	99	2024079	143.31	ng	0.00
23) Nitrobenzene-d5	7.41	82	1184641	101.85	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	353689	162.72	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	2095060	119.04	ng	0.00
78) Terphenyl-d14	12.95	244	1630993	64.14	ng	0.00

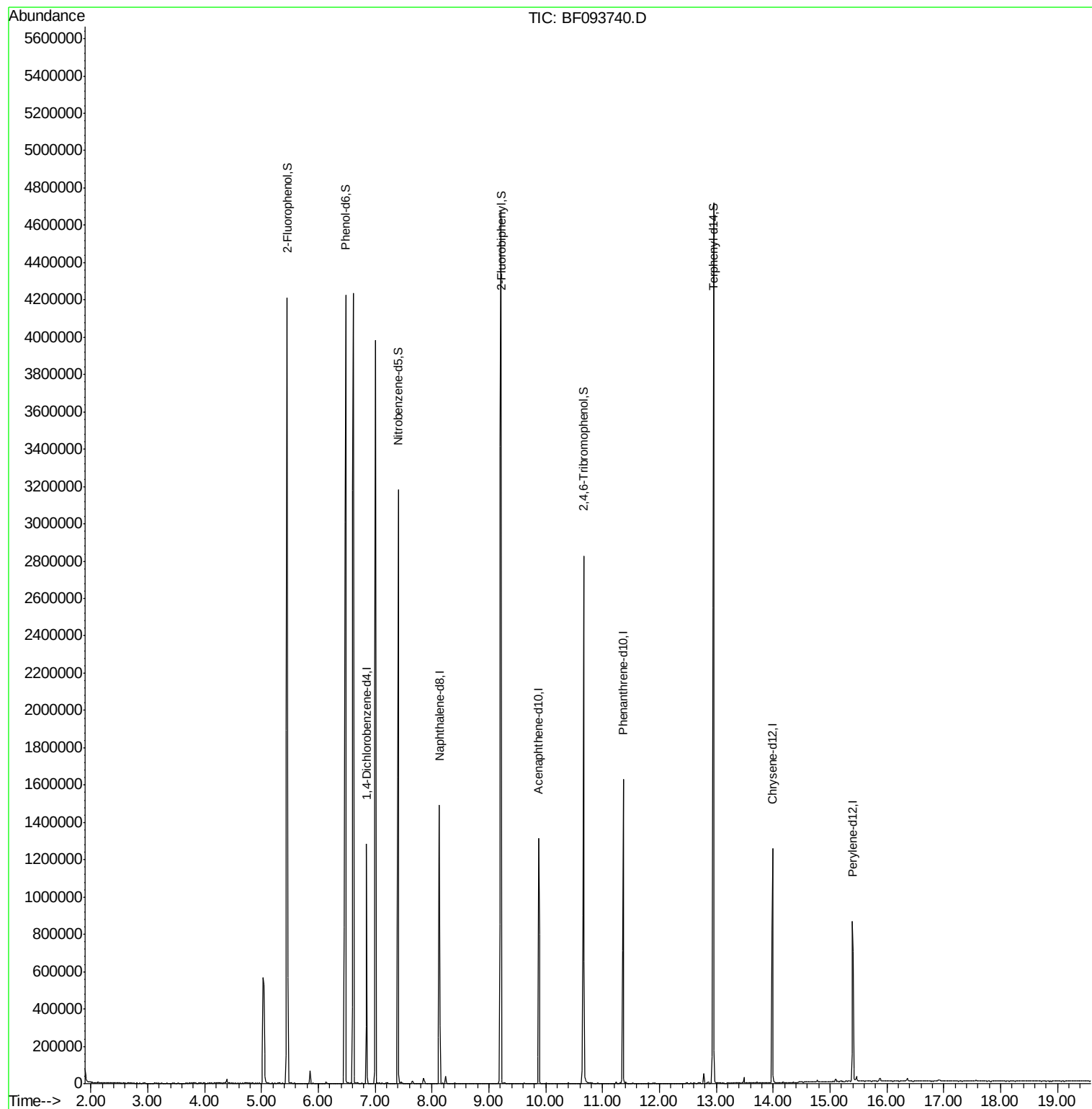
Target Compounds	Qvalue
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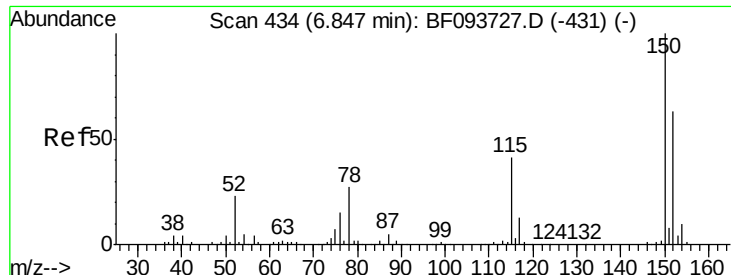
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093740.D

Acq: 18 Mar 2017 8:59

Instrument :

BNA_F

ClientSampleId :

PB97670BL

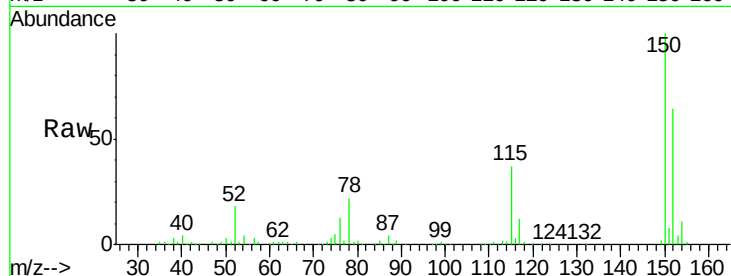
Tgt Ion:152 Resp: 189990

Ion Ratio Lower Upper

152 100

150 155.8 126.2 189.2

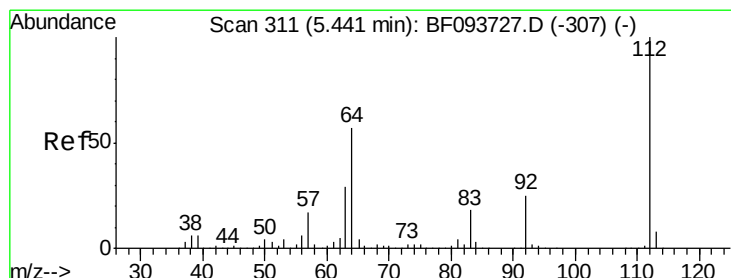
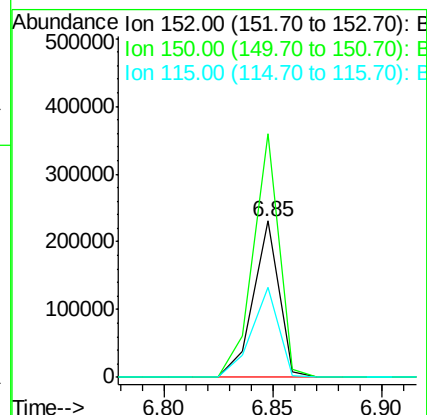
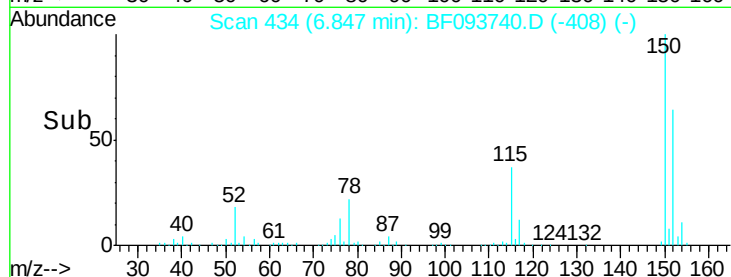
115 57.7 52.2 78.2



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: 120.97 ng

RT: 5.45 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF093740.D

Acq: 18 Mar 2017 8:59

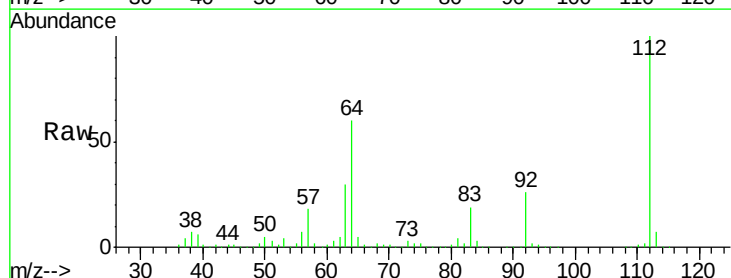
Tgt Ion:112 Resp: 1378557

Ion Ratio Lower Upper

112 100

64 60.4 46.0 69.0

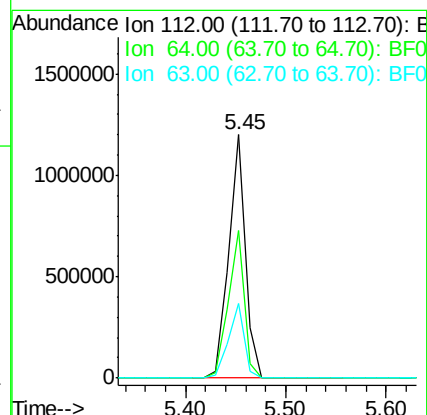
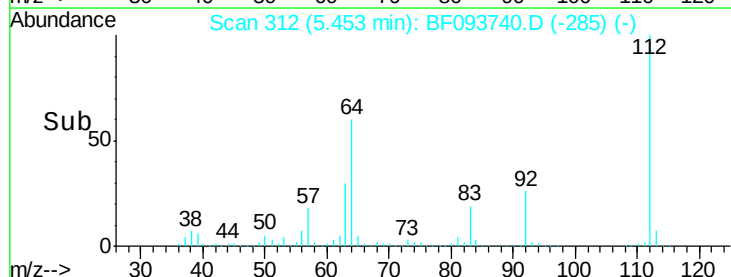
63 30.5 23.4 35.0

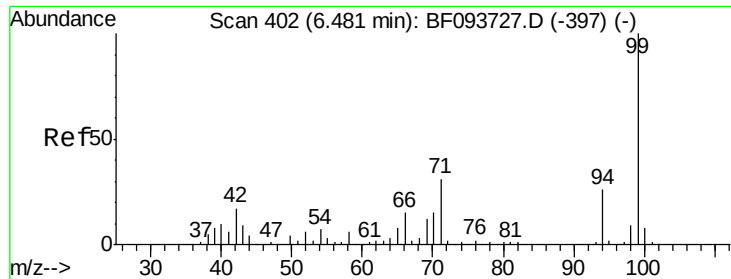


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.31 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093740.D

Acq: 18 Mar 2017 8:59

Instrument :

BNA_F

ClientSampleId :

PB97670BL

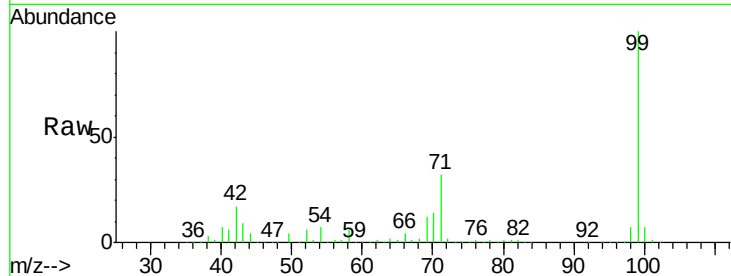
Tgt Ion: 99 Resp: 2024079

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

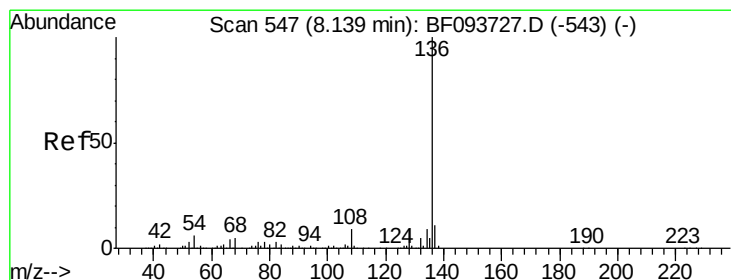
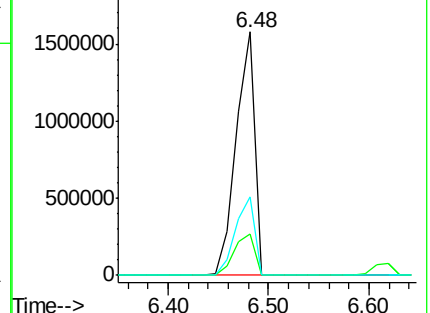
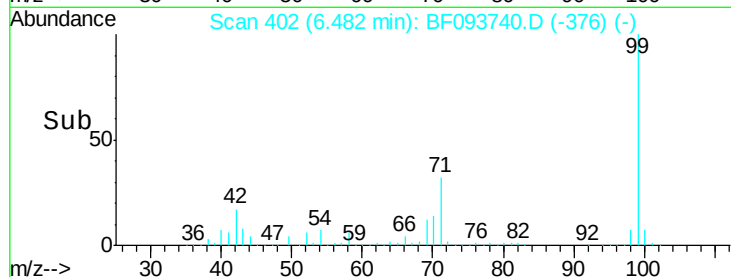
71 32.3 24.5 36.7



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: BF093740.D

Acq: 18 Mar 2017 8:59

Tgt Ion: 136 Resp: 698056

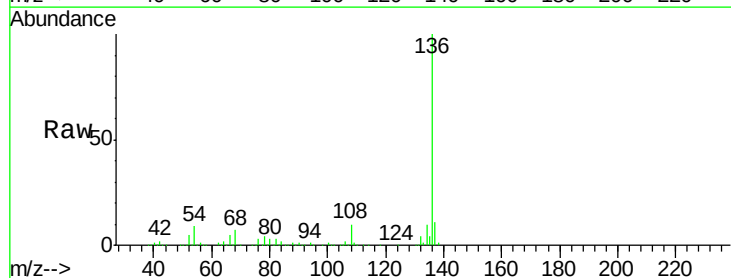
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 8.9 4.9 7.3#

68 6.9 4.1 6.1#

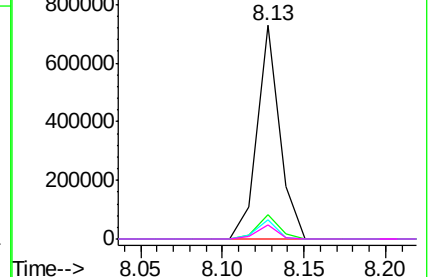
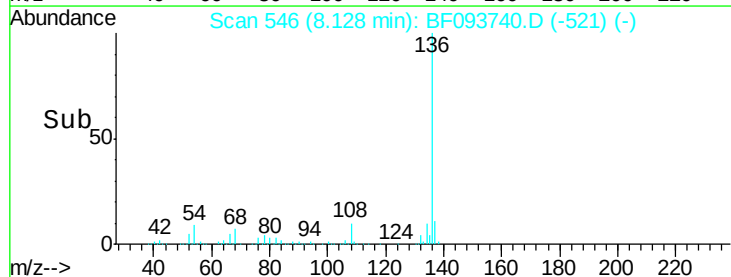


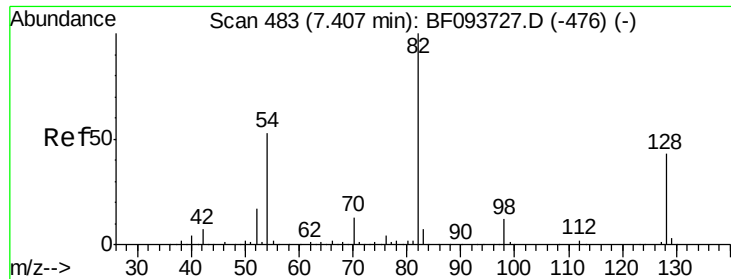
Abundance Ion 136.00 (135.70 to 136.70): E

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

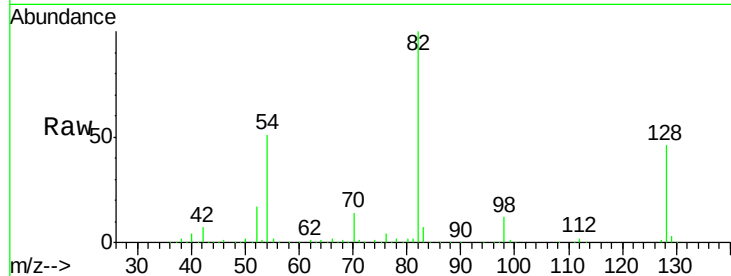




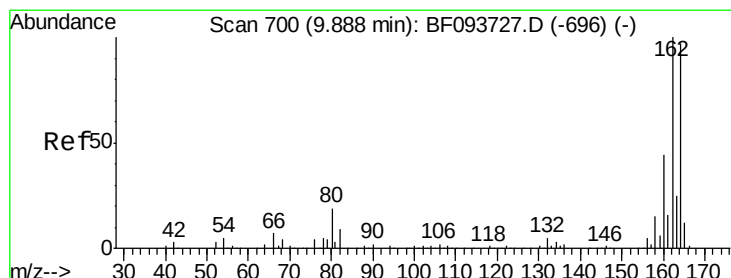
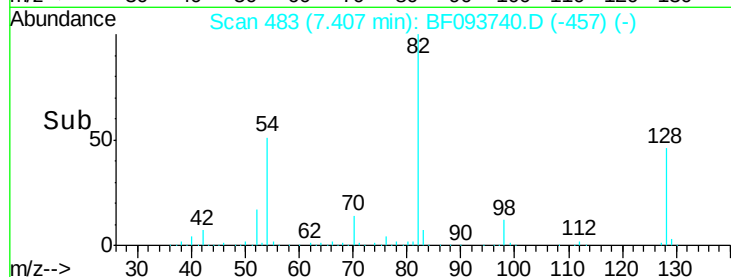
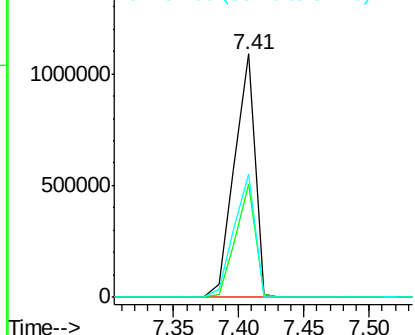
#23
 Nitrobenzene-d5
 Concen: 101.85 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093740.D
 Acq: 18 Mar 2017 8:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97670BL

Tgt Ion: 82 Resp: 1184641
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.0 51.0
 54 50.7 42.2 63.2

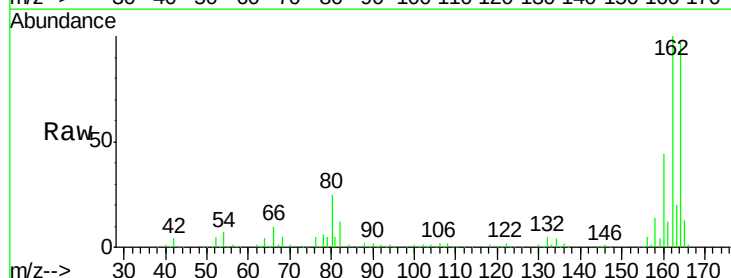


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

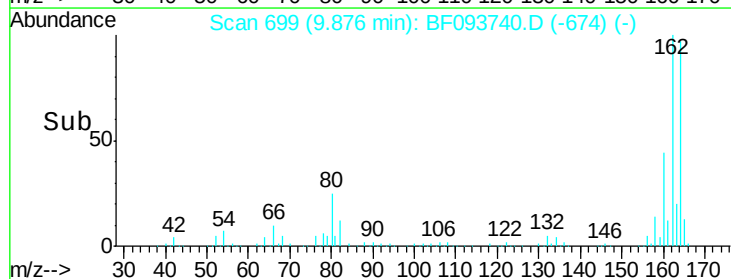
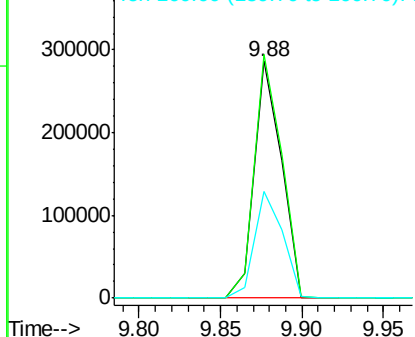


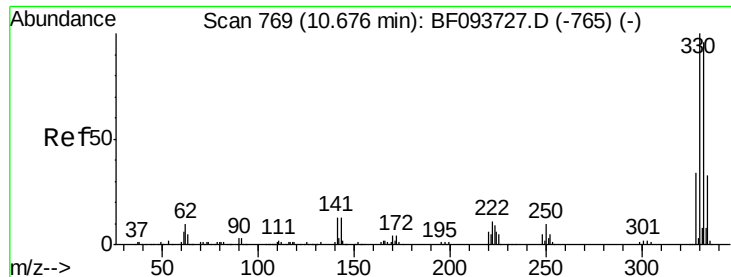
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF093740.D
 Acq: 18 Mar 2017 8:59

Tgt Ion: 164 Resp: 332114
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 44.8 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

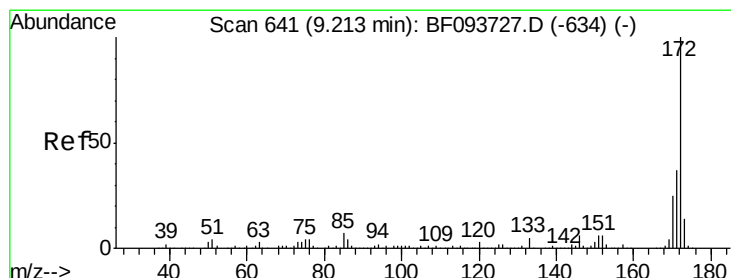
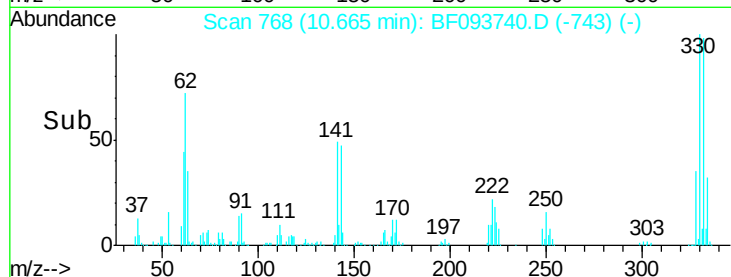
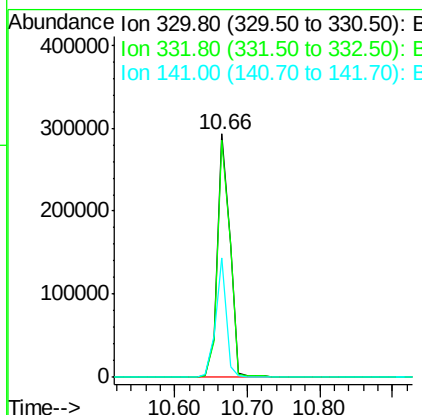
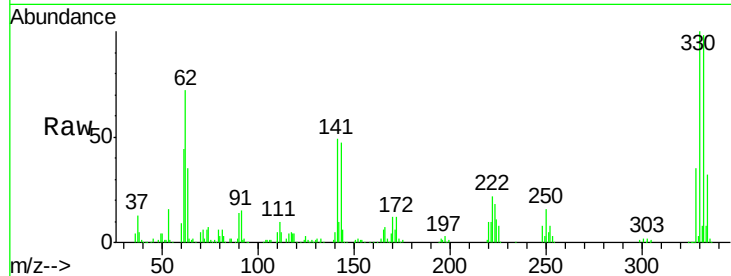




#41
 2,4,6-Tribromophenol
 Concen: 162.72 ng
 RT: 10.66 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF093740.D
 Acq: 18 Mar 2017 8:59

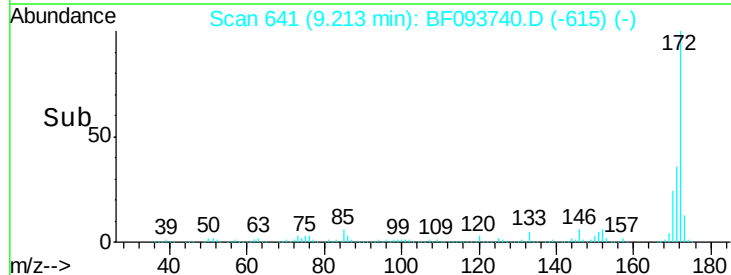
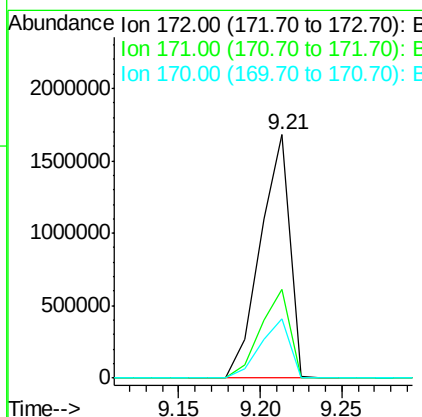
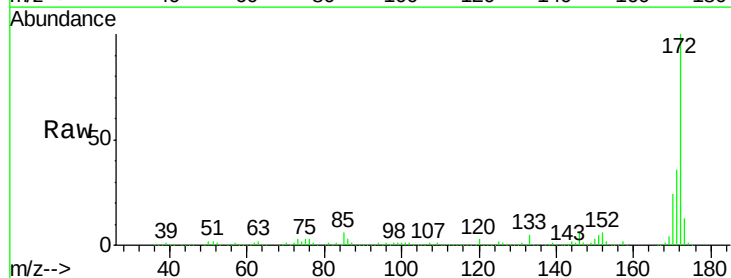
Instrument :
 BNA_F
 ClientSampleId :
 PB97670BL

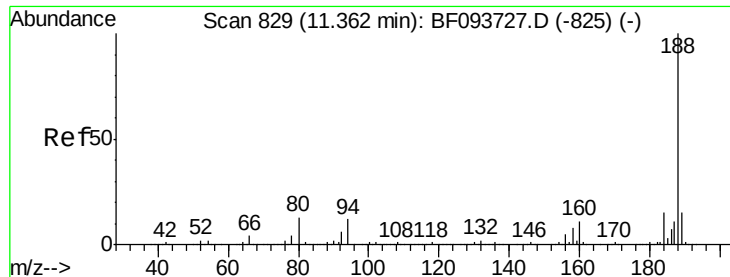
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	41.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 119.04 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093740.D
 Acq: 18 Mar 2017 8:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.3	19.8	29.8

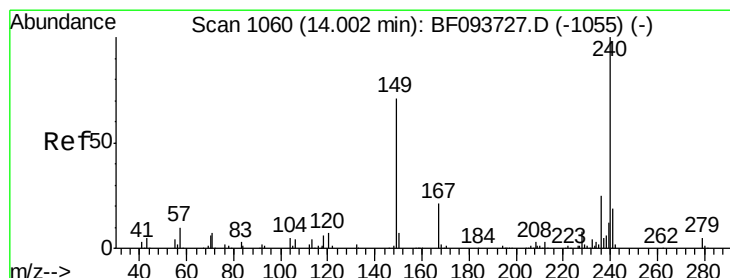
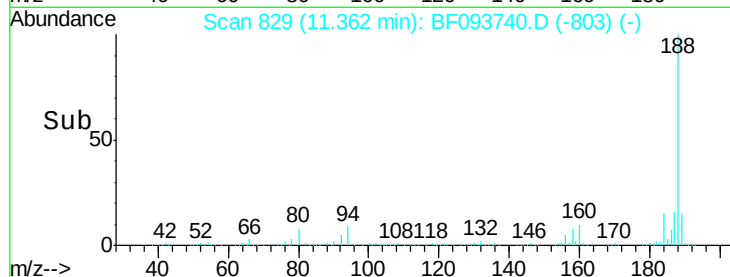
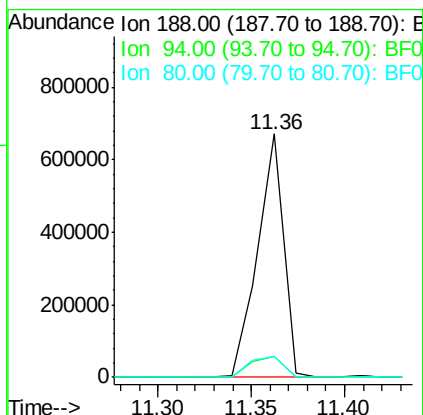
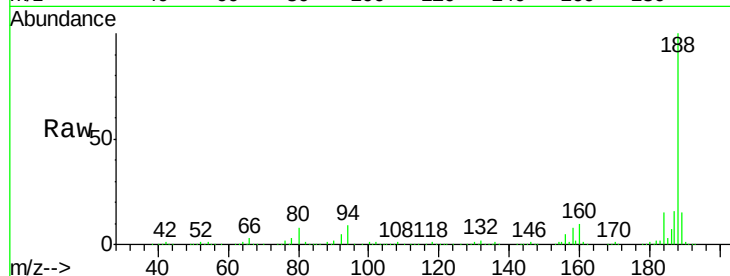




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF093740.D
Acq: 18 Mar 2017 8:59

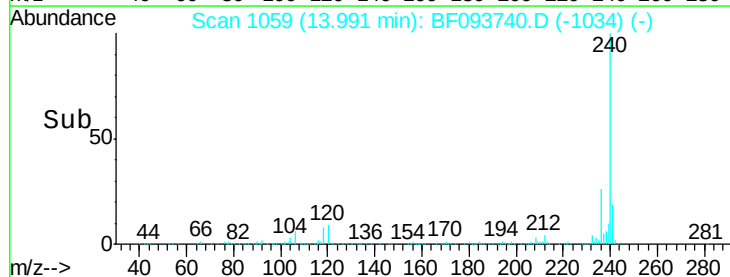
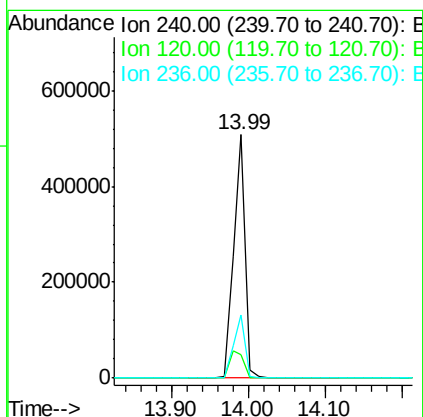
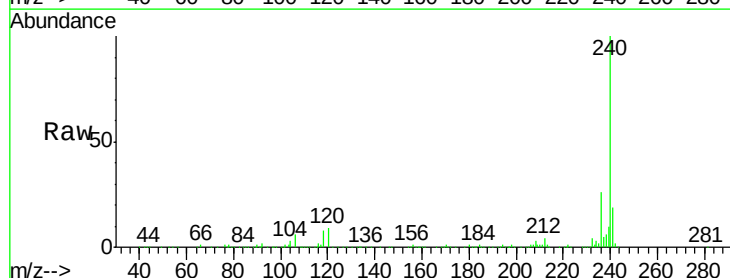
Instrument :
BNA_F
ClientSampleId :
PB97670BL

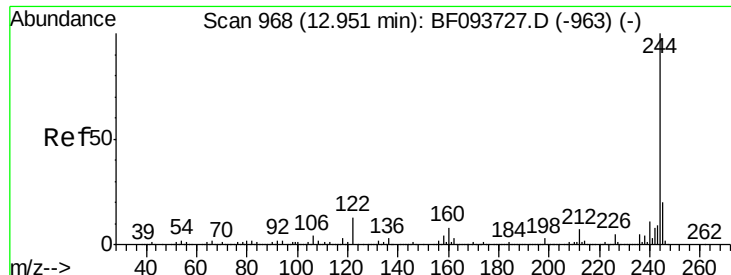
Tgt Ion:188 Resp: 644319
Ion Ratio Lower Upper
188 100
94 8.8 9.4 14.2#
80 8.5 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF093740.D
Acq: 18 Mar 2017 8:59

Tgt Ion:240 Resp: 547372
Ion Ratio Lower Upper
240 100
120 9.5 5.8 8.8#
236 25.9 20.5 30.7





#78

Terphenyl-d14

Concen: 64.14 ng

RT: 12.95 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF093740.D

Acq: 18 Mar 2017 8:59

Instrument :

BNA_F

ClientSampleId :

PB97670BL

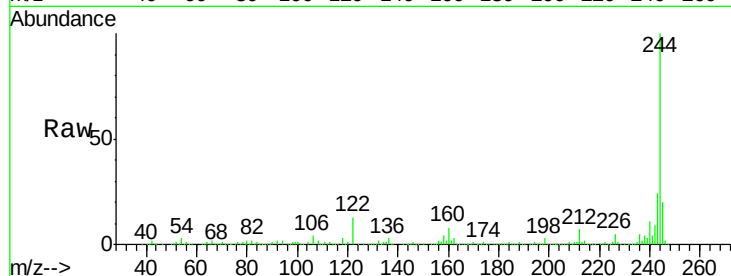
Tgt Ion:244 Resp: 1630993

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

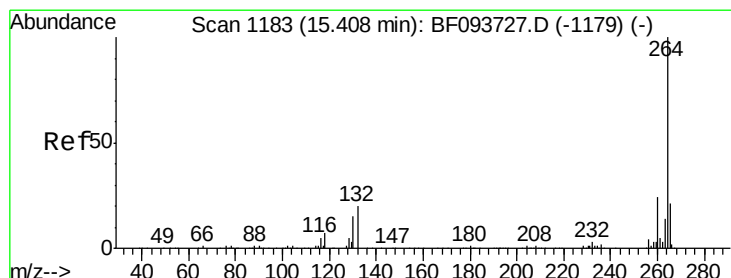
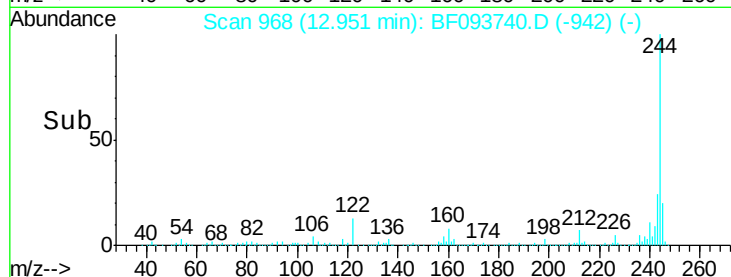
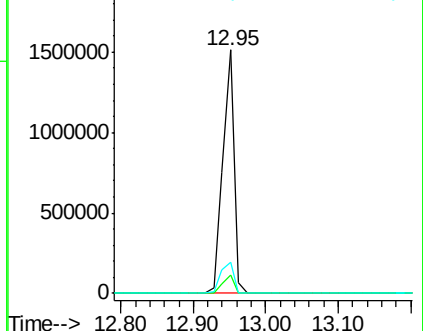
122 12.8 10.3 15.5



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: 15.40 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF093740.D

Acq: 18 Mar 2017 8:59

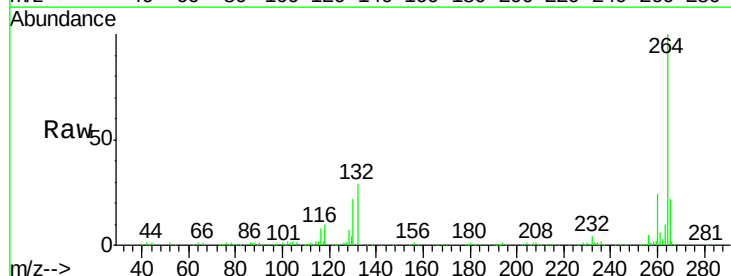
Tgt Ion:264 Resp: 437798

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.9 17.2 25.8



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

