

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
 Data File : BF093006.D
 Acq On : 17 Feb 2017 13:18
 Operator : SJ/MA
 Sample : PB97012BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BL

Quant Time: Feb 17 22:31:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	166470	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	627389	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	375802	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	612495	20.00	ng	0.00
75) Chrysene-d12	14.01	240	527636	20.00	ng	-0.01
86) Perylene-d12	15.44	264	480741	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1161675	119.72	ng	0.01
7) Phenol-d6	6.50	99	1674589	134.13	ng	0.01
23) Nitrobenzene-d5	7.42	82	1038762	92.20	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	309525	113.88	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1792267	86.40	ng	0.00
78) Terphenyl-d14	12.97	244	1689672	75.24	ng	0.00

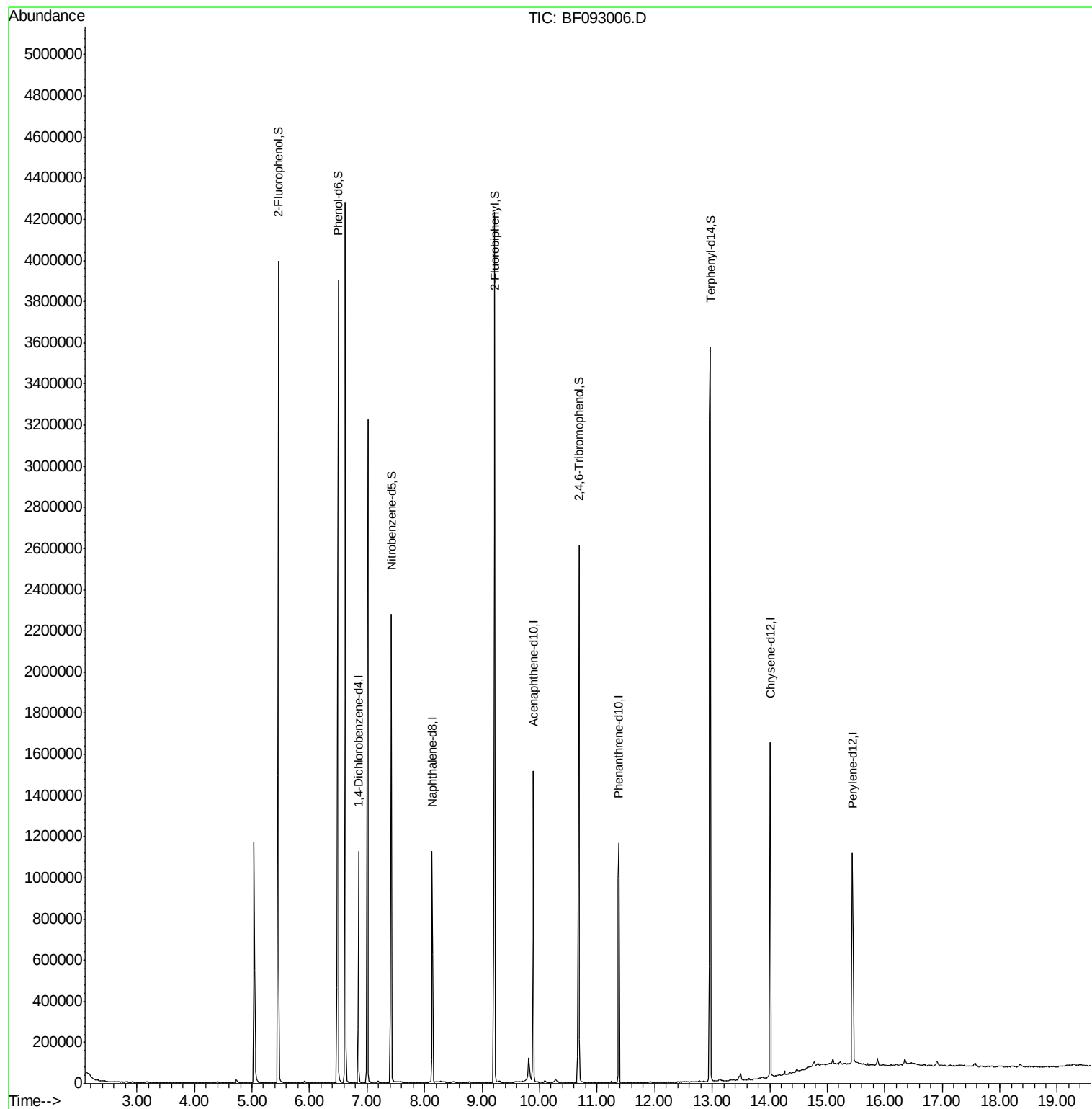
Target Compounds	Qvalue
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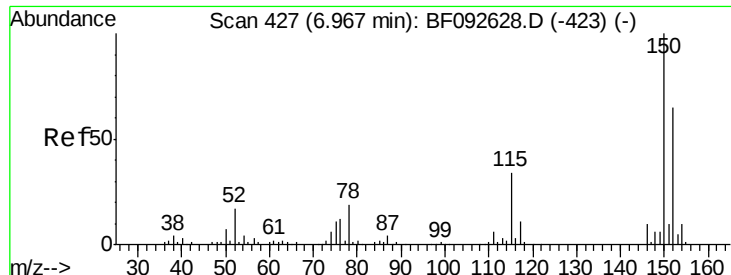
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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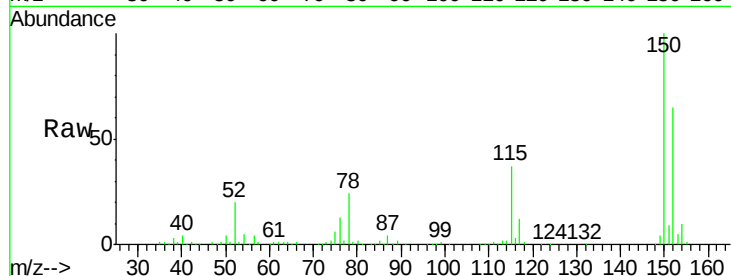


#1

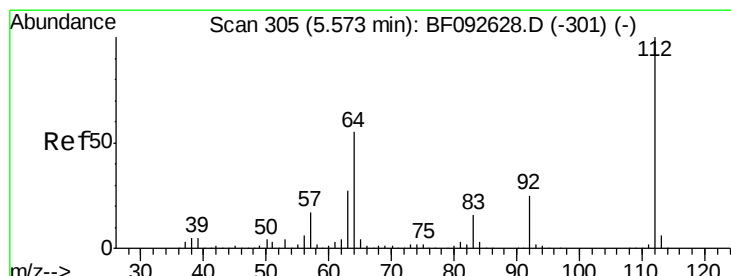
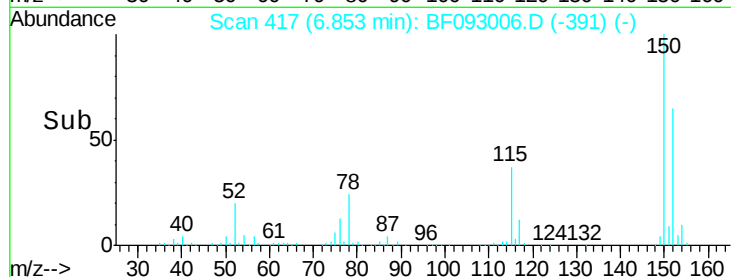
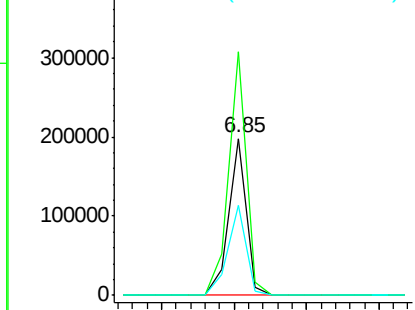
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF093006.D
Acq: 17 Feb 2017 13:18

Instrument :
BNA_F
ClientSampleId :
PB97012BL

Tgt Ion:152 Resp: 166470
Ion Ratio Lower Upper
152 100
150 155.0 124.9 187.3
115 57.5 46.0 69.0



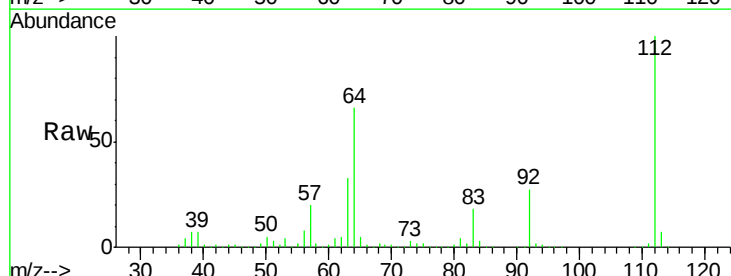
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



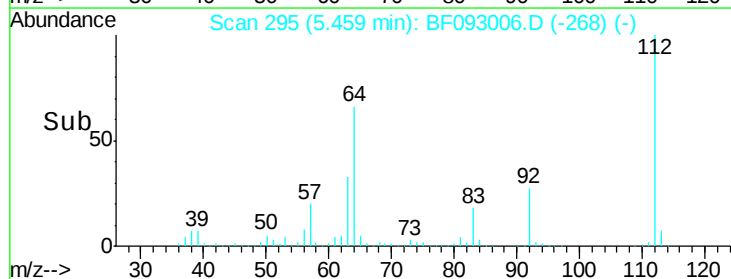
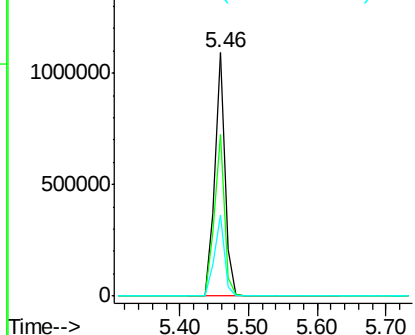
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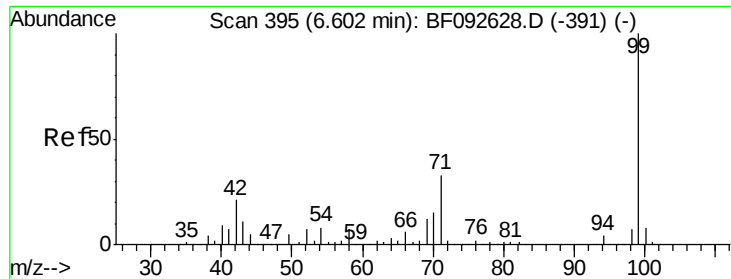
2-Fluorophenol
Concen: 119.72 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF093006.D
Acq: 17 Feb 2017 13:18

Tgt Ion:112 Resp: 1161675
Ion Ratio Lower Upper
112 100
64 66.4 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: 134.13 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093006.D

Acq: 17 Feb 2017 13:18

Instrument :

BNA_F

ClientSampleId :

PB97012BL

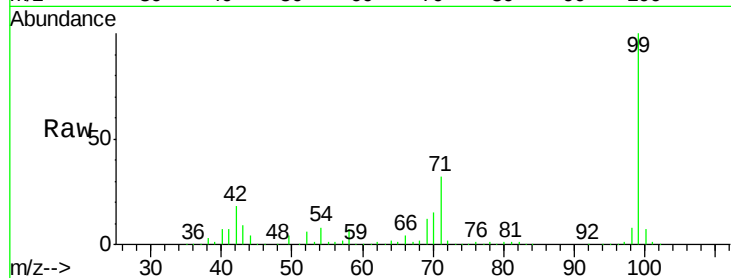
Tgt Ion: 99 Resp: 1674589

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

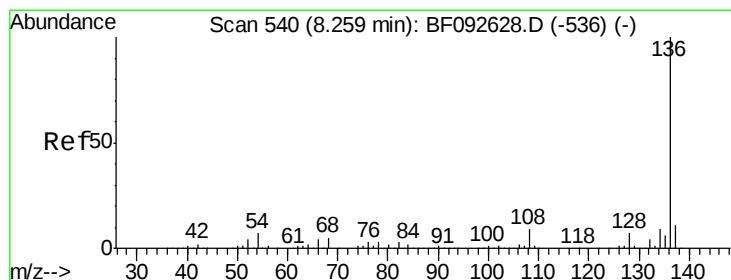
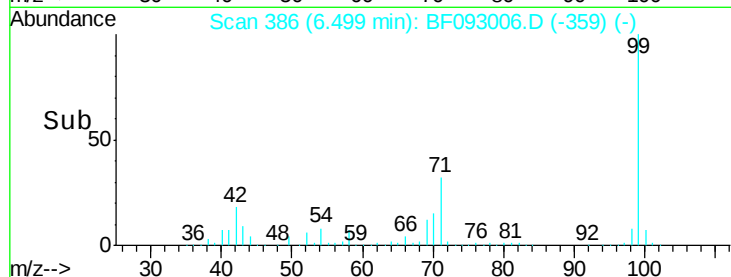
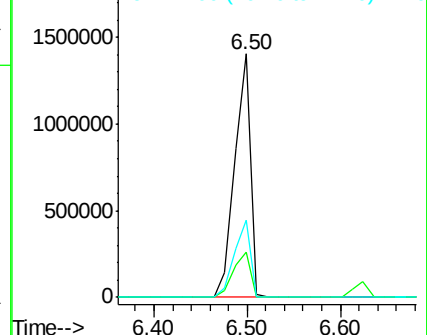
71 31.6 27.5 41.3



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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093006.D

Acq: 17 Feb 2017 13:18

Tgt Ion: 136 Resp: 627389

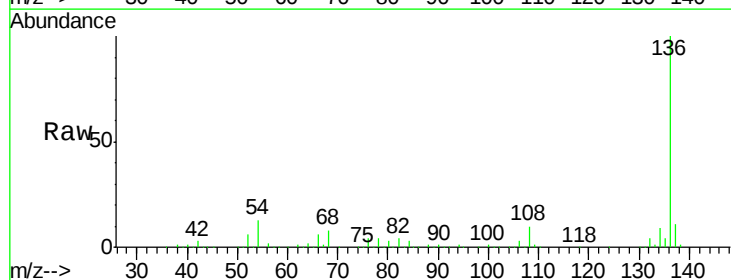
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 12.6 4.5 6.7#

68 8.2 3.6 5.4#

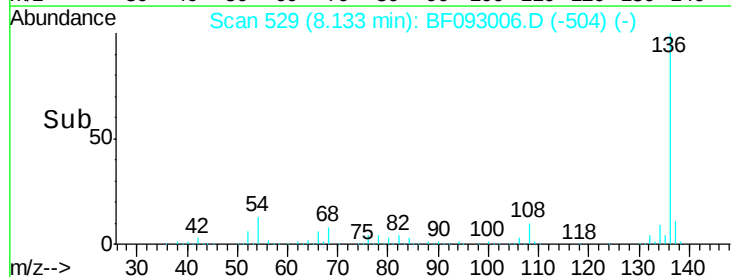
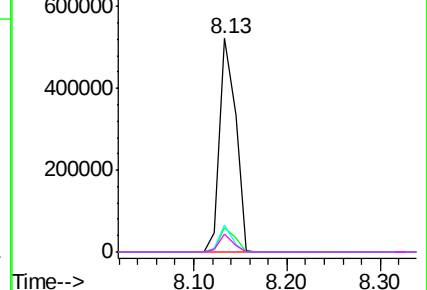


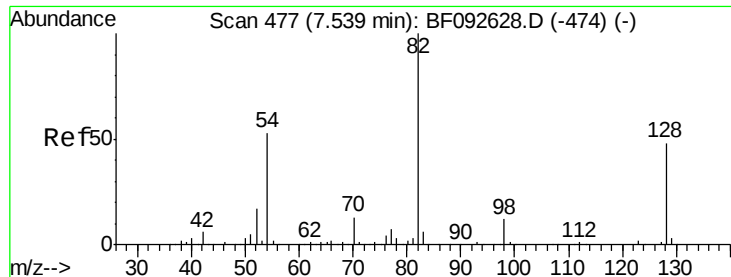
Abundance Ion 136.00 (135.70 to 136.70): E

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

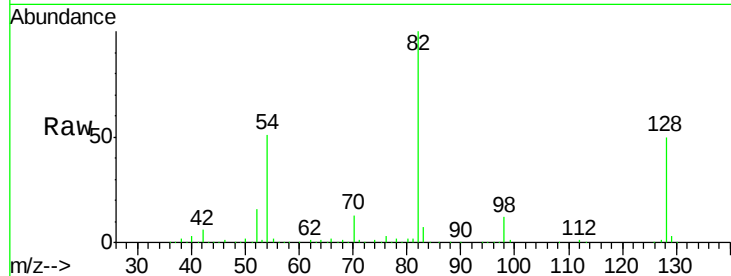




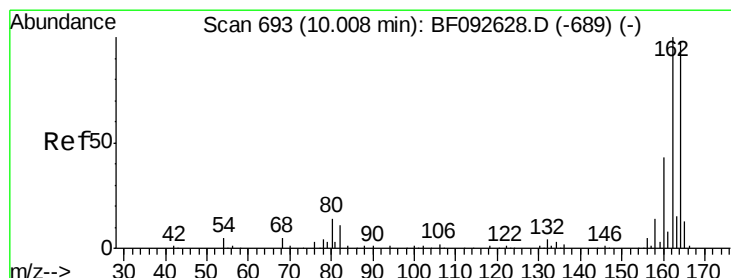
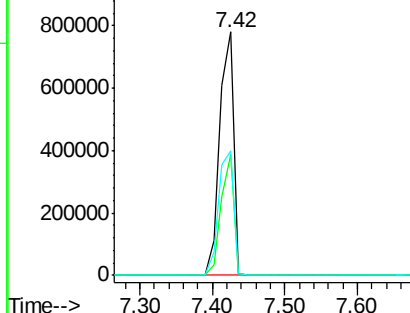
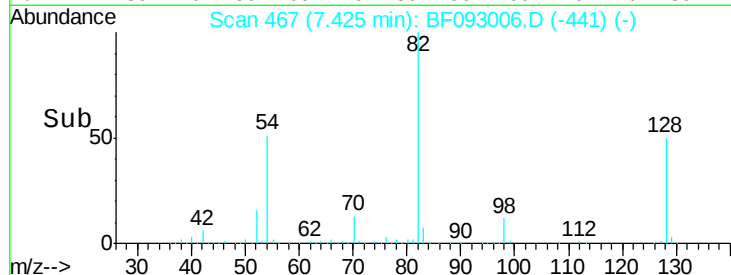
#23
 Nitrobenzene-d5
 Concen: 92.20 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF093006.D
 Acq: 17 Feb 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BL

Tgt Ion: 82 Resp: 1038762
 Ion Ratio Lower Upper
 82 100
 128 49.6 34.6 52.0
 54 51.0 39.5 59.3

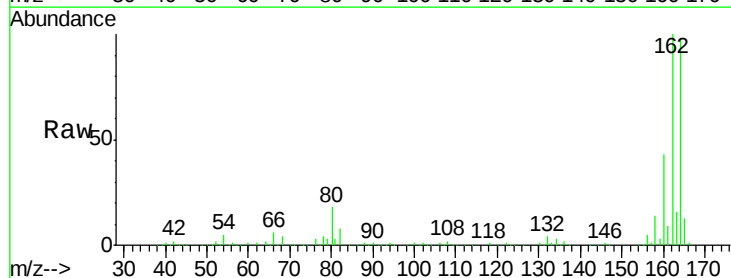


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

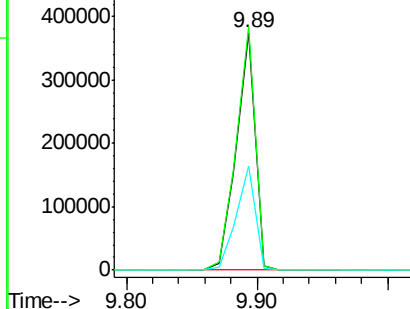
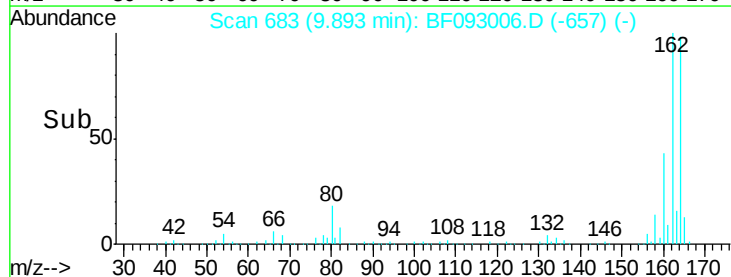


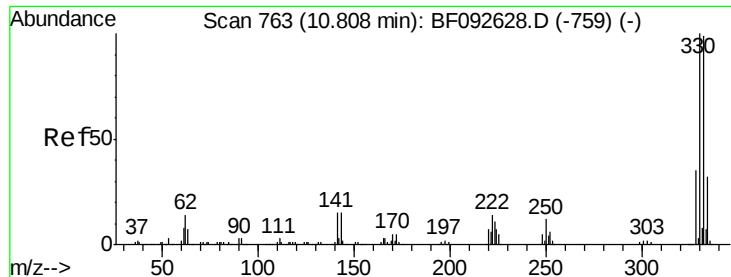
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF093006.D
 Acq: 17 Feb 2017 13:18

Tgt Ion: 164 Resp: 375802
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.2 120.2
 160 43.9 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

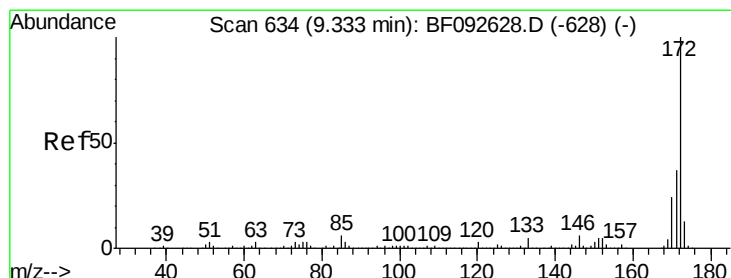
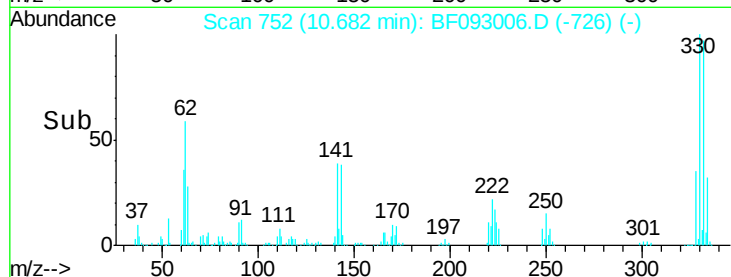
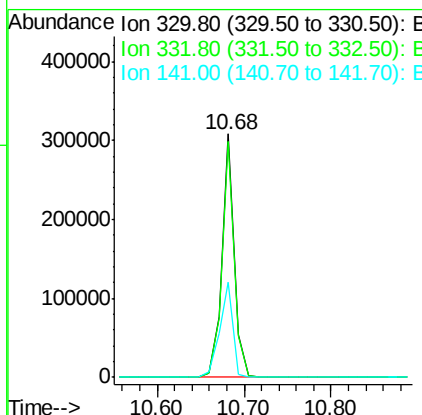
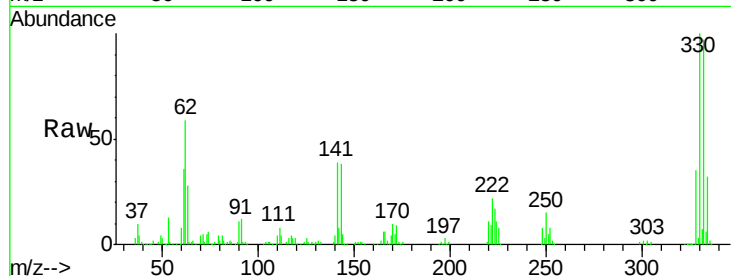




#41
 2,4,6-Tribromophenol
 Concen: 113.88 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF093006.D
 Acq: 17 Feb 2017 13:18

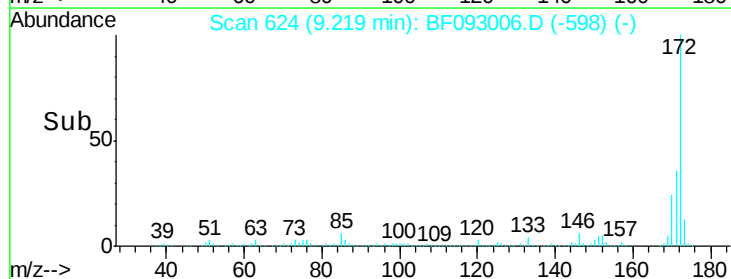
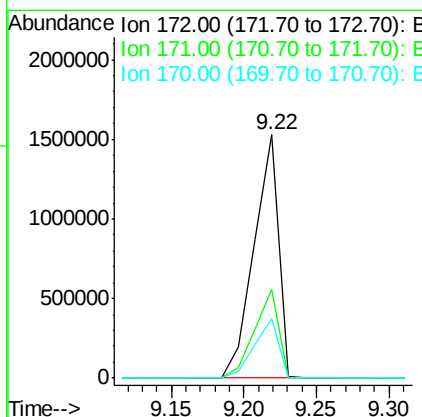
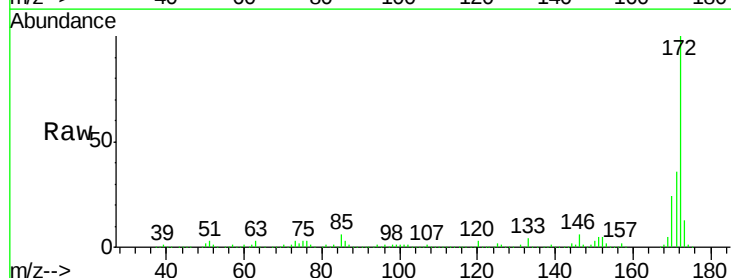
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BL

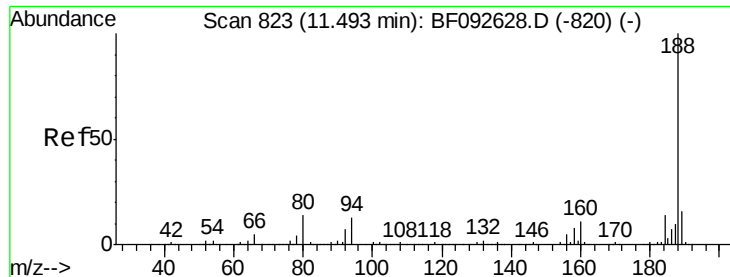
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	41.6	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 86.40 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093006.D
 Acq: 17 Feb 2017 13:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.3	20.2	30.4

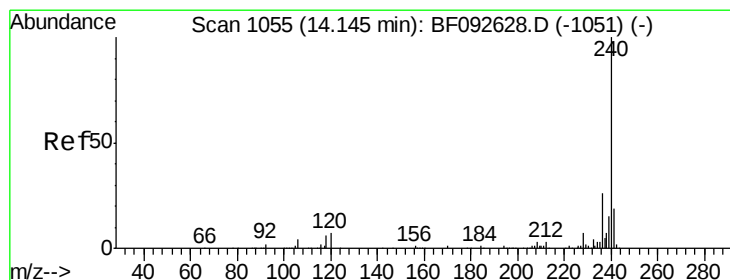
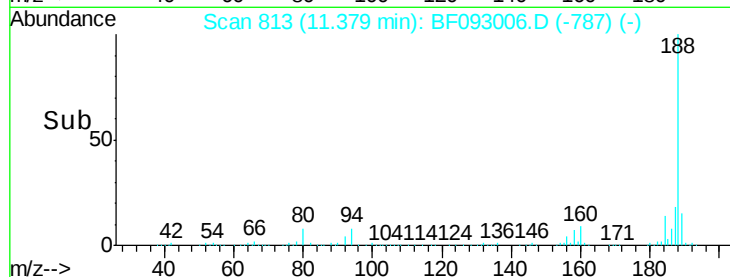
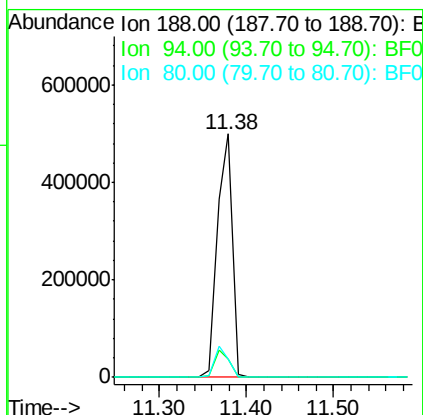
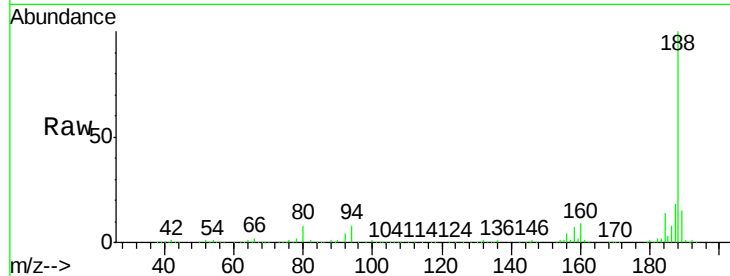




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF093006.D
Acq: 17 Feb 2017 13:18

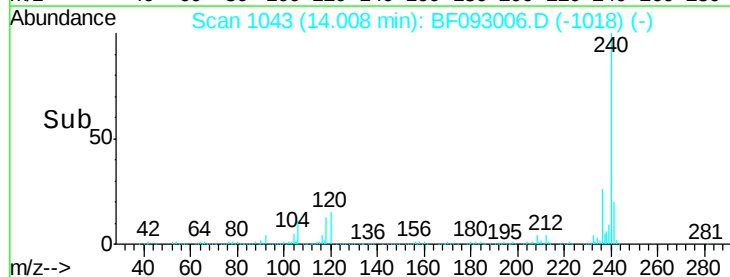
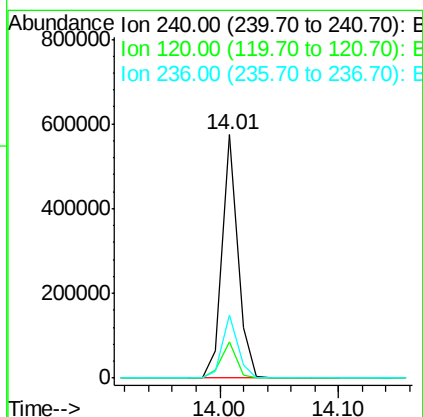
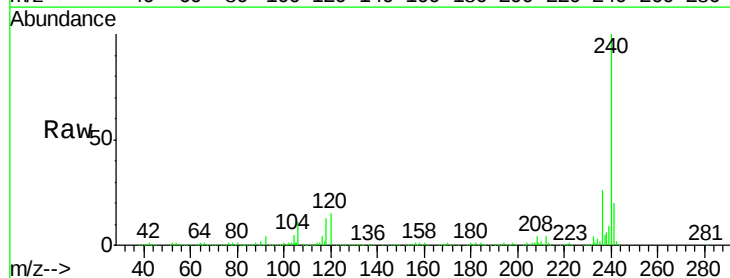
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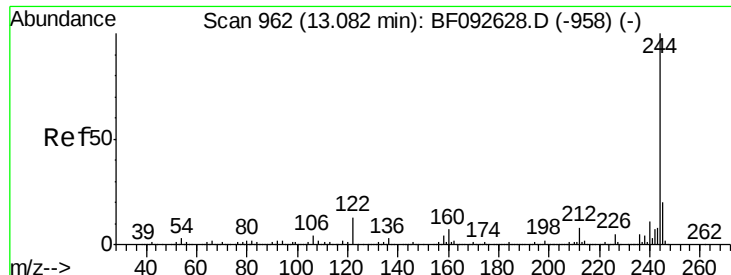
Tgt Ion:188 Resp: 612495
Ion Ratio Lower Upper
188 100
94 7.7 10.0 15.0#
80 7.5 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093006.D
Acq: 17 Feb 2017 13:18

Tgt Ion:240 Resp: 527636
Ion Ratio Lower Upper
240 100
120 14.8 12.9 19.3
236 26.1 20.9 31.3

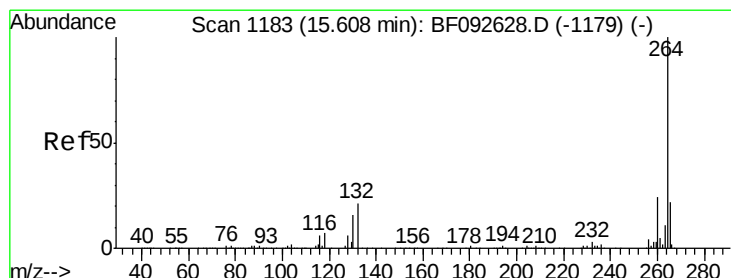
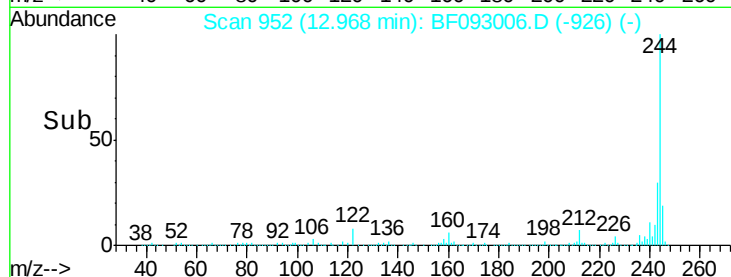
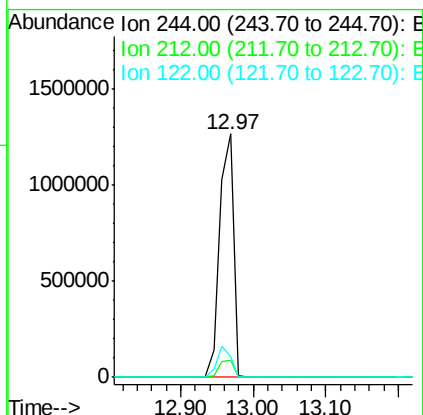
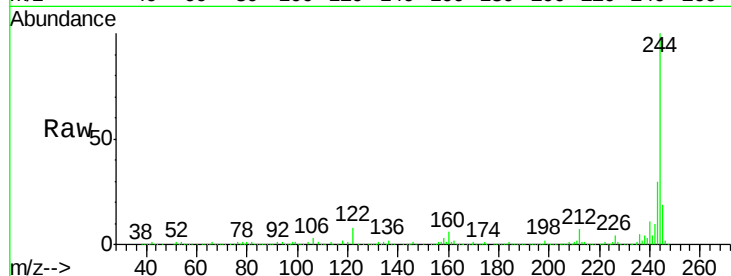




#78
 Terphenyl-d14
 Concen: 75.24 ng
 RT: 12.97 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF093006.D
 Acq: 17 Feb 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BL

Tgt Ion:244 Resp: 1689672
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.4 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093006.D
 Acq: 17 Feb 2017 13:18

Tgt Ion:264 Resp: 480741
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.1 17.4 26.0

