

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093652.D
 Acq On : 14 Mar 2017 12:13
 Operator : SJ/MA
 Sample : PB97542TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97542TB

Quant Time: Mar 15 04:30:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	179512	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	736339	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	348911	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	661651	20.00	ng	0.00
75) Chrysene-d12	13.90	240	509522	20.00	ng	0.01
86) Perylene-d12	15.31	264	340760	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1439992	133.51	ng	-0.01
7) Phenol-d6	6.37	99	1786453	131.34	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1107032	83.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	290351	127.73	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1711374	91.23	ng	-0.01
78) Terphenyl-d14	12.84	244	1462570	74.63	ng	0.01

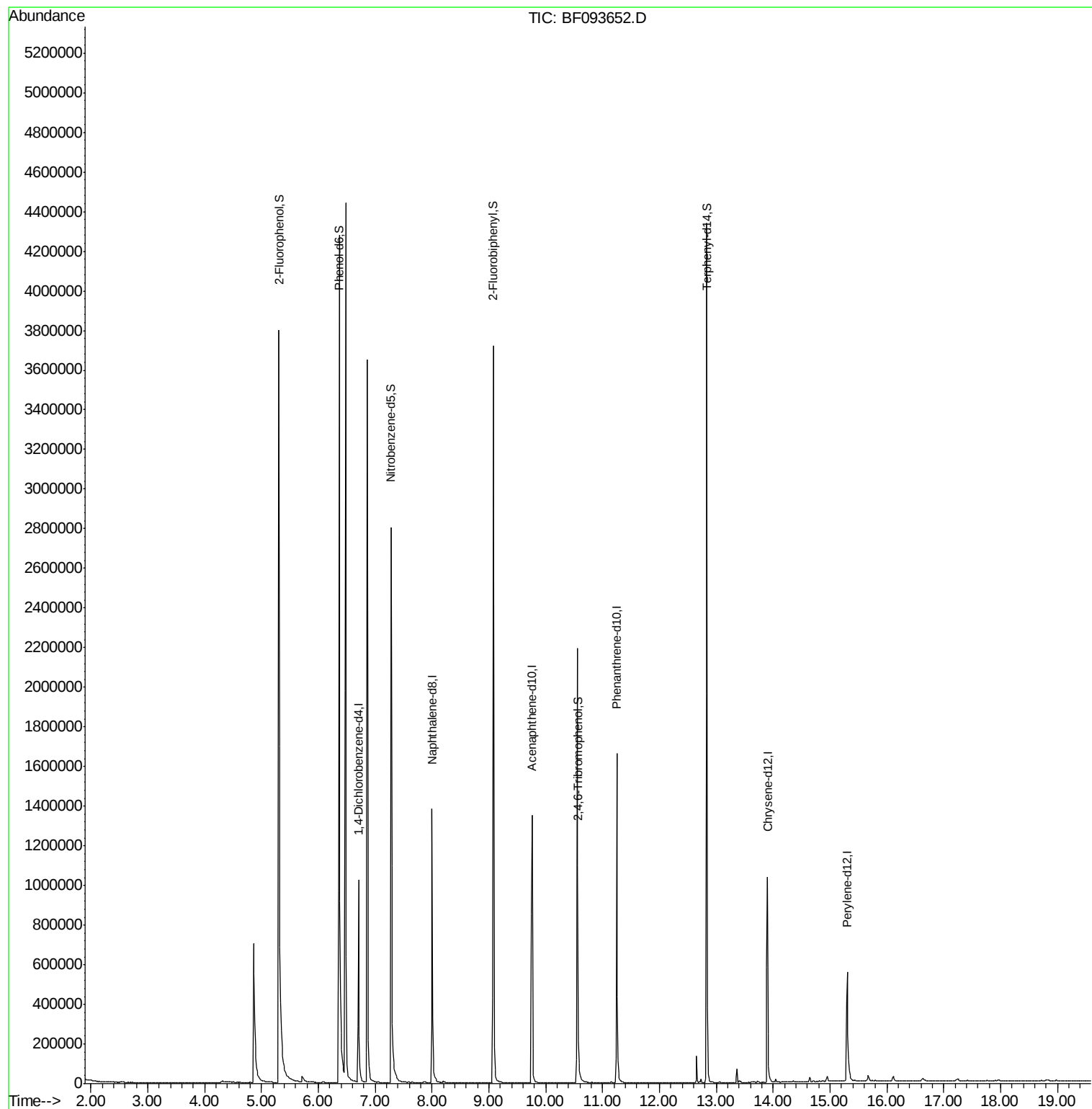
Target Compounds Qvalue

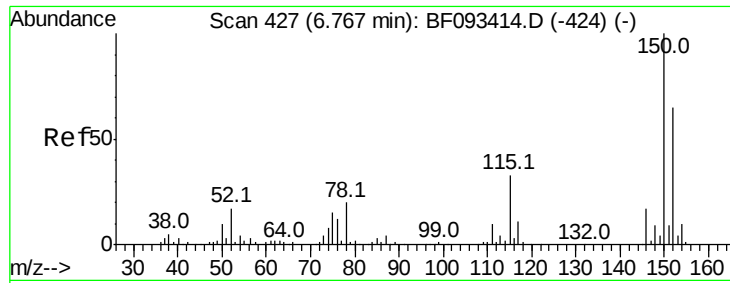
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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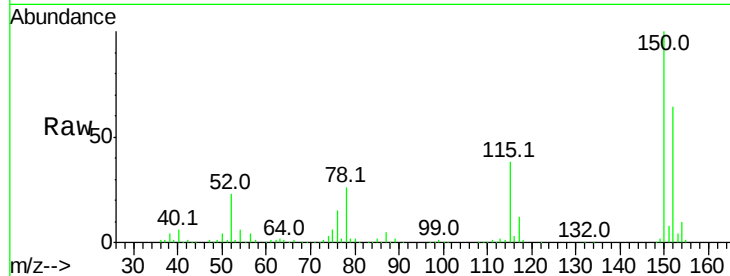


#1

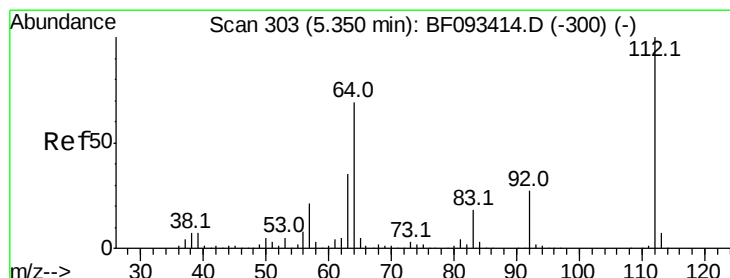
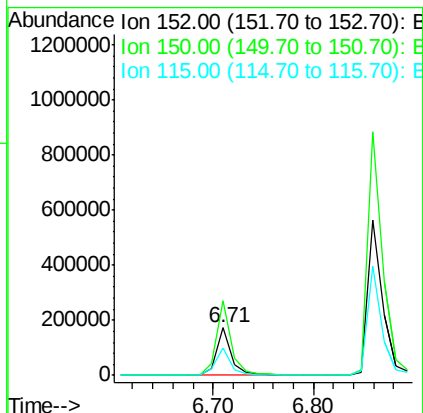
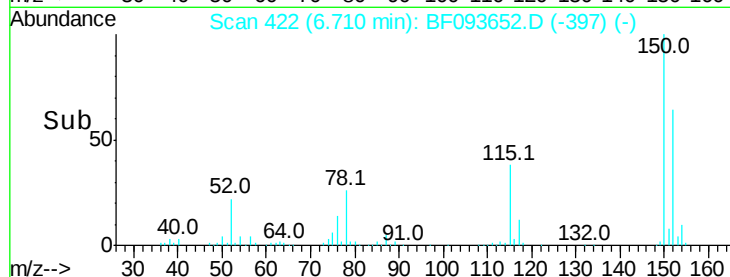
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093652.D
Acq: 14 Mar 2017 12:13

Instrument :
BNA_F
ClientSampleId :
PB97542TB

Tot Ion:152 Resp: 179512
Ion Ratio Lower Upper
152 100
150 157.1 124.9 187.3
115 59.1 46.0 69.0



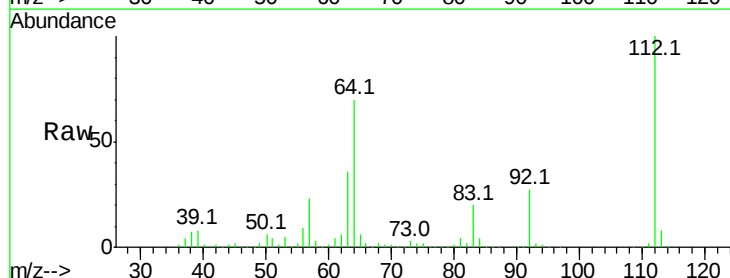
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



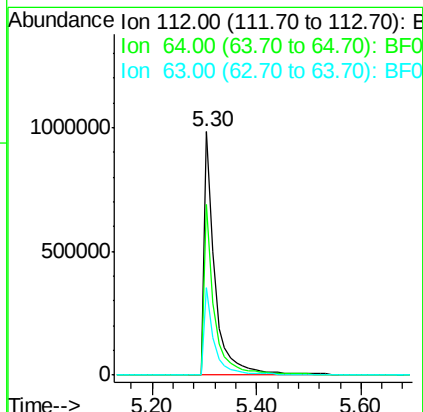
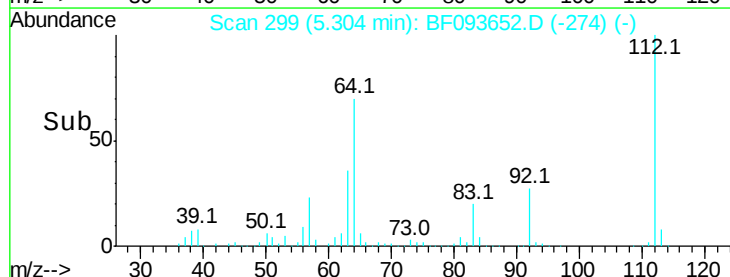
#5

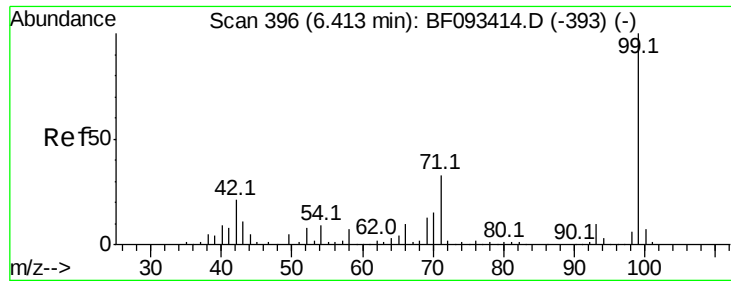
2-Fluorophenol
Concen: 133.51 ng
RT: 5.30 min Scan# 299
Delta R.T. -0.01 min
Lab File: BF093652.D
Acq: 14 Mar 2017 12:13

Tgt Ion:112 Resp: 1439992
Ion Ratio Lower Upper
112 100
64 70.0 46.1 69.1#
63 36.0 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: 131.34 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093652.D

Acq: 14 Mar 2017 12:13

Instrument :

BNA_F

ClientSampleId :

PB97542TB

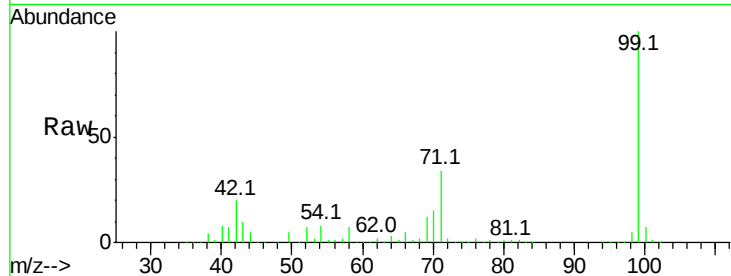
Tot Ion: 99 Resp: 1786453

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

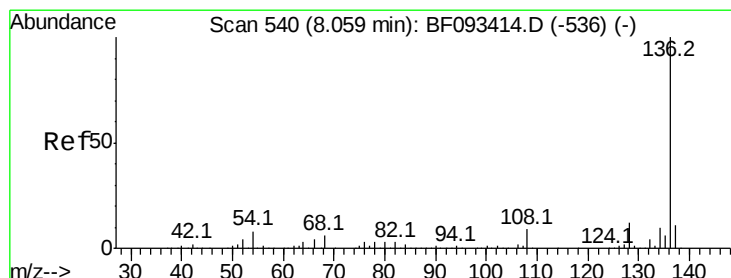
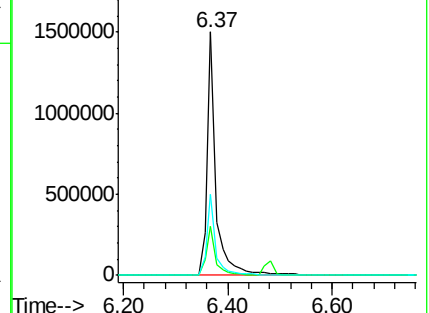
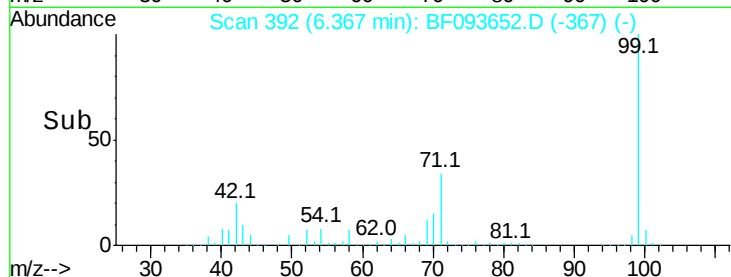
71 33.5 27.5 41.3



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: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093652.D

Acq: 14 Mar 2017 12:13

Tgt Ion:136 Resp: 736339

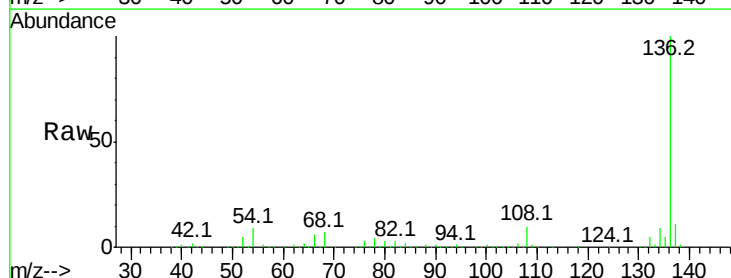
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 8.9 4.5 6.7#

68 6.7 3.6 5.4#

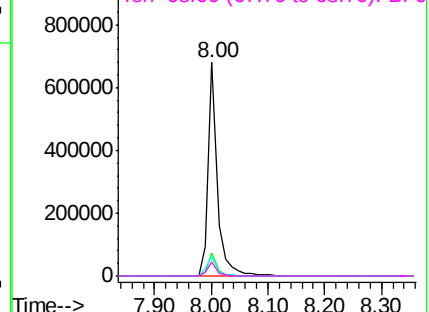
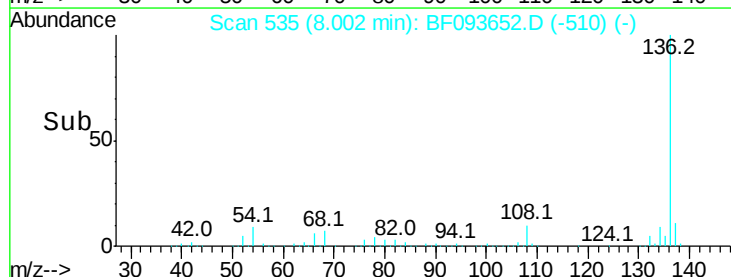


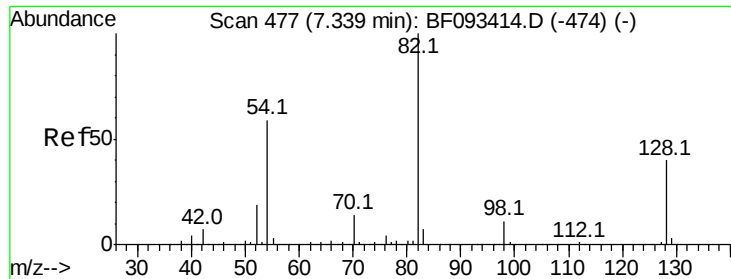
Abundance Ion 136.00 (135.70 to 136.70): E

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

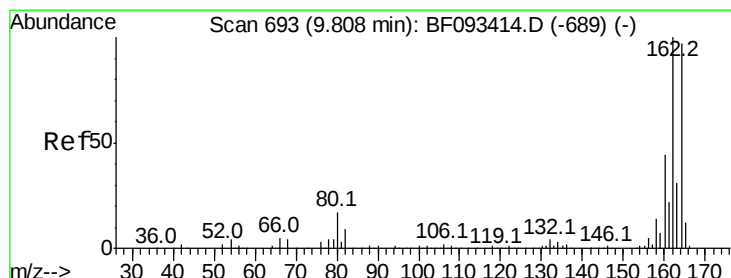
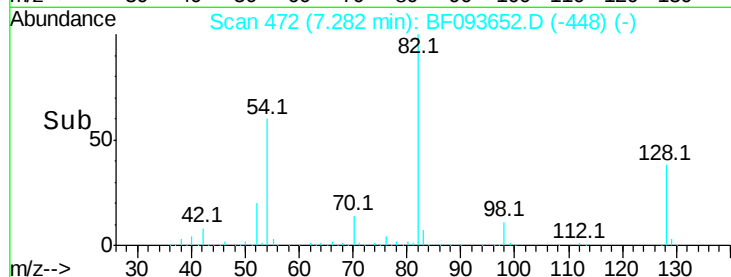
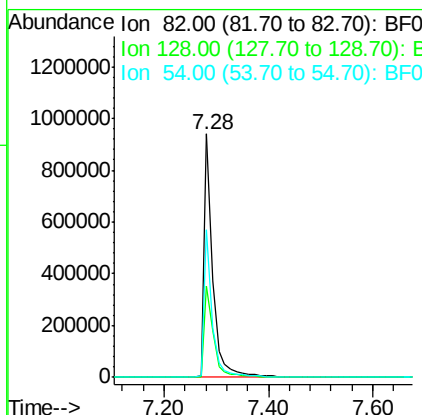
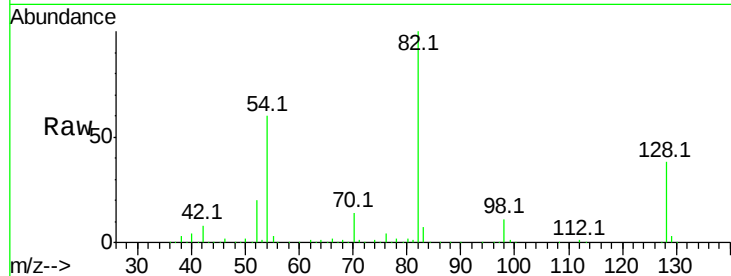




#23
 Nitrobenzene-d5
 Concen: 83.42 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093652.D
 Acq: 14 Mar 2017 12:13

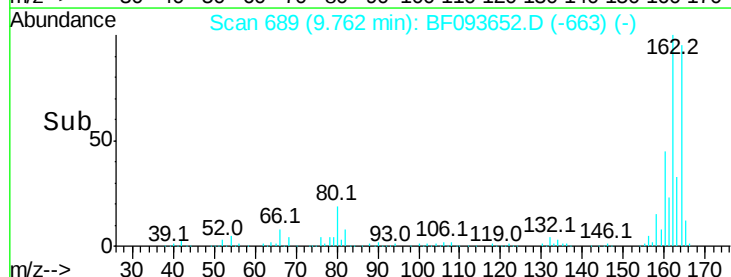
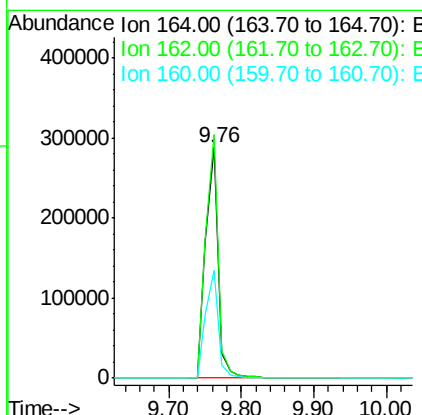
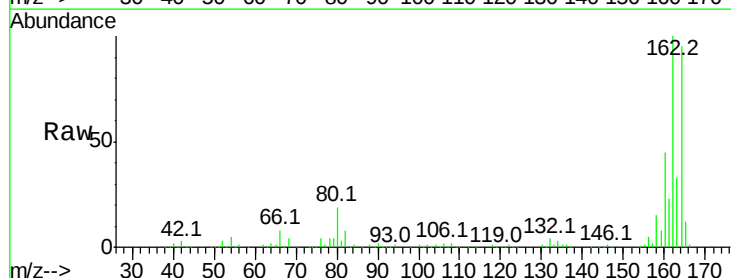
Instrument :
 BNA_F
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 PB97542TB

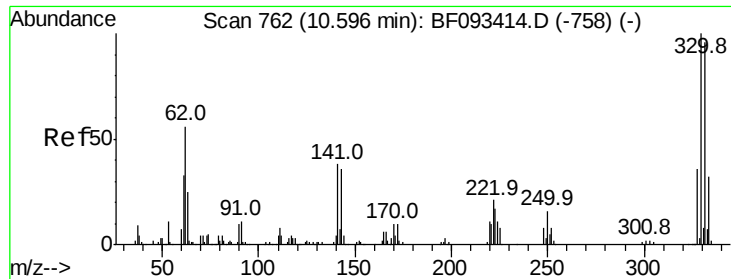
Tot Ion: 82 Resp: 1107032
 Ion Ratio Lower Upper
 82 100
 128 37.6 34.6 52.0
 54 60.4 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093652.D
 Acq: 14 Mar 2017 12:13

Tgt Ion:164 Resp: 348911
 Ion Ratio Lower Upper
 164 100
 162 105.6 80.2 120.2
 160 47.1 36.9 55.3

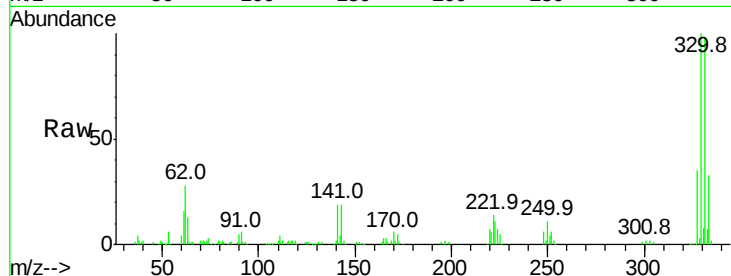




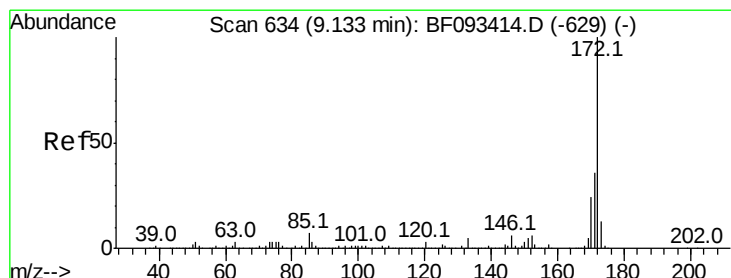
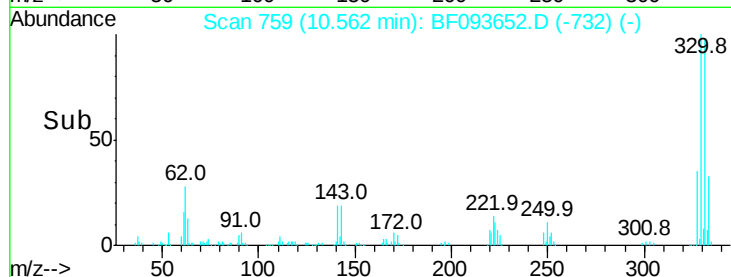
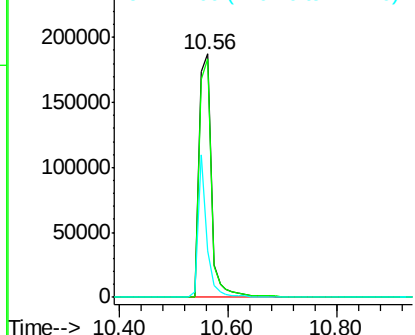
#41
 2,4,6-Tribromophenol
 Concen: 127.73 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093652.D
 Acq: 14 Mar 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97542TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	40.8	34.1	51.1

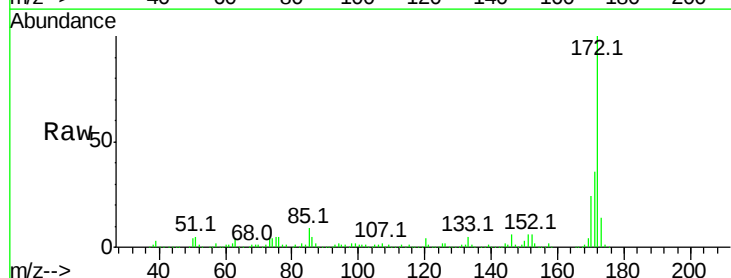


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

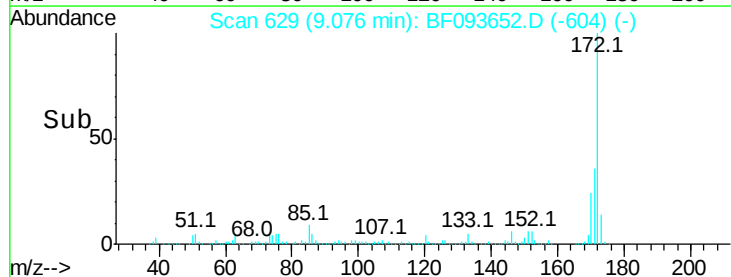
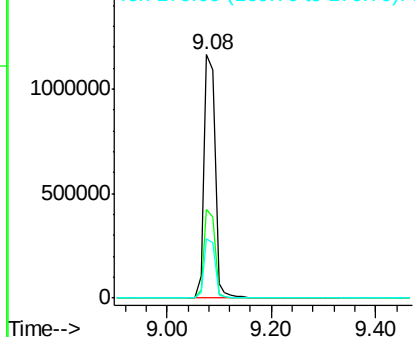


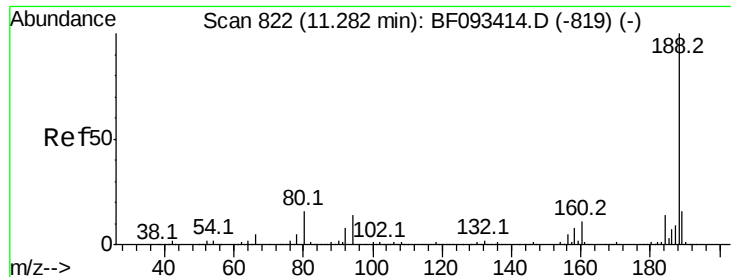
#44
 2-Fluorobiphenyl
 Concen: 91.23 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093652.D
 Acq: 14 Mar 2017 12:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.5	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

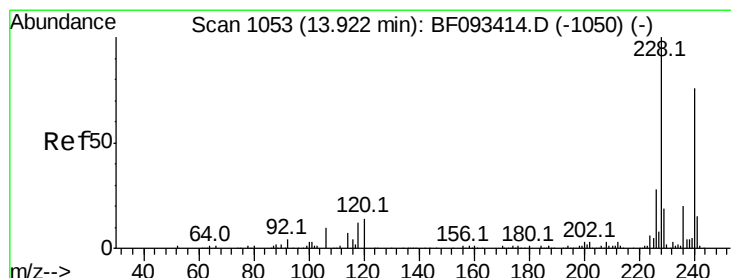
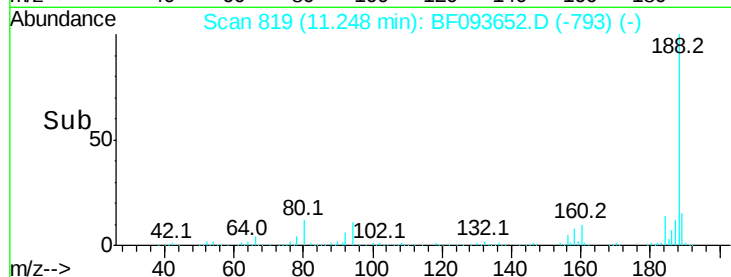
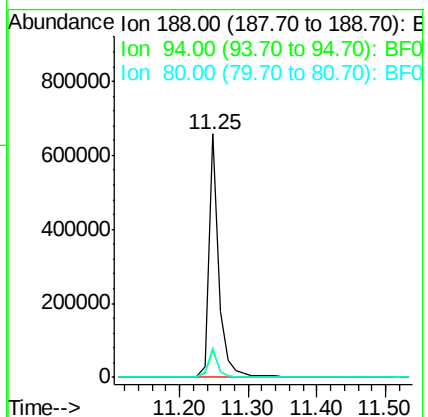
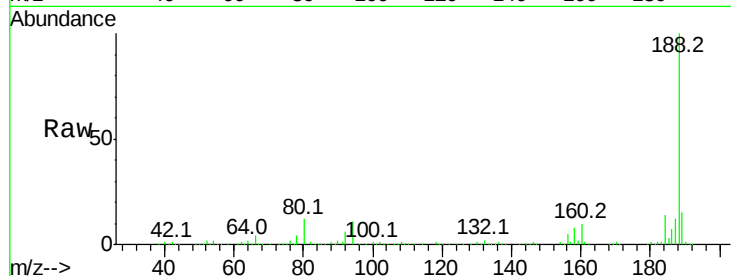




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093652.D
Acq: 14 Mar 2017 12:13

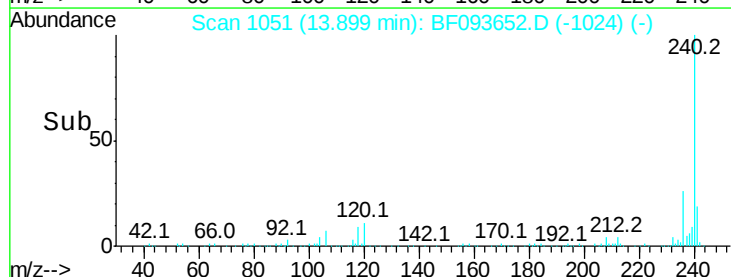
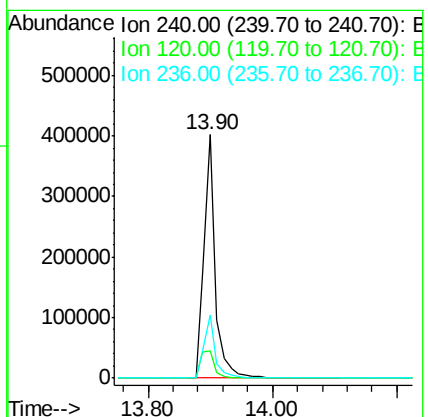
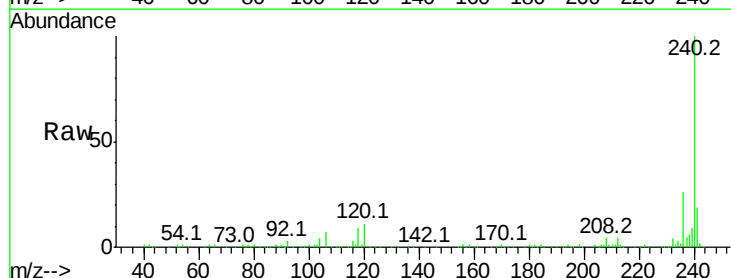
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PB97542TB

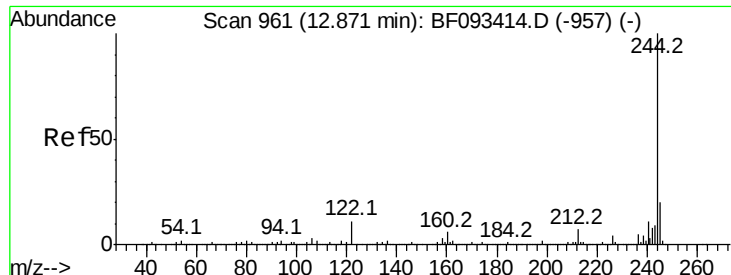
Tot Ion:188 Resp: 661651
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 12.2 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093652.D
Acq: 14 Mar 2017 12:13

Tgt Ion:240 Resp: 509522
Ion Ratio Lower Upper
240 100
120 11.3 12.9 19.3#
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 74.63 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093652.D

Acq: 14 Mar 2017 12:13

Instrument :

BNA_F

ClientSampleId :

PB97542TB

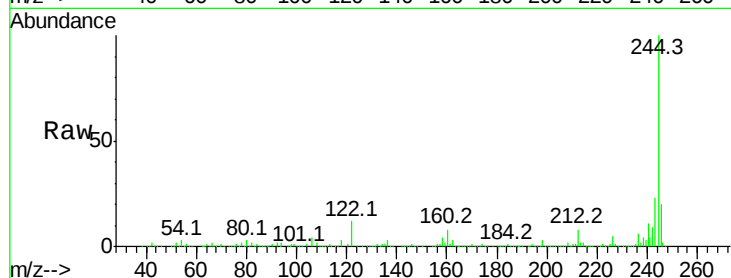
Tot Ion:244 Resp: 1462570

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

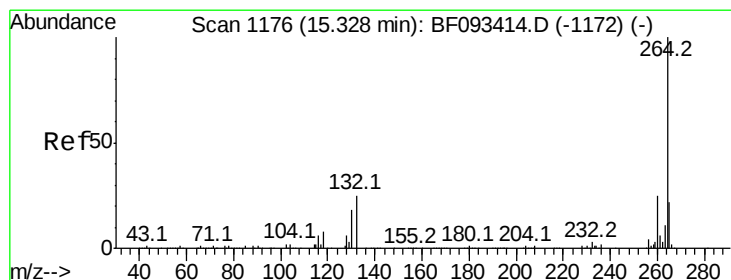
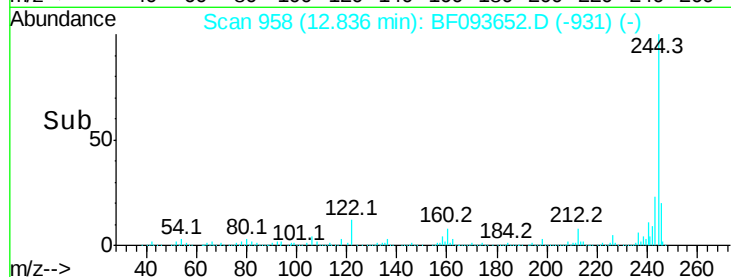
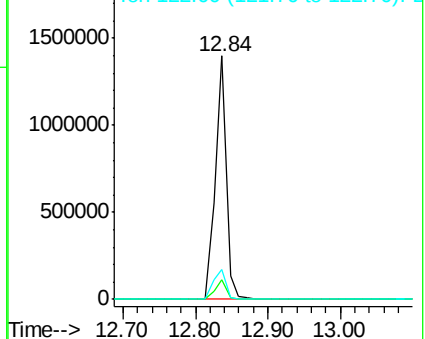
122 12.1 11.4 17.2



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: 15.31 min Scan# 1174

Delta R.T. 0.02 min

Lab File: BF093652.D

Acq: 14 Mar 2017 12:13

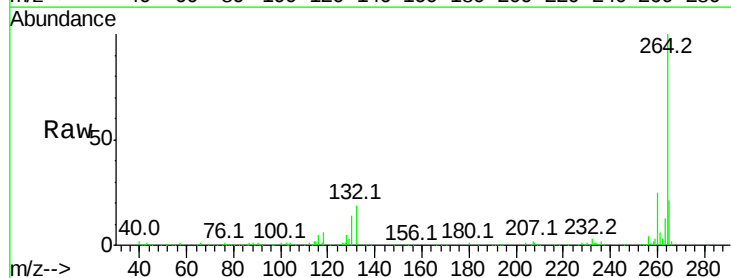
Tgt Ion:264 Resp: 340760

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.0 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

