

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
 Data File : BF093566.D
 Acq On : 11 Mar 2017 14:48
 Operator : SJ/MA
 Sample : PB97500BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97500BL

Quant Time: Mar 13 15:12:54 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	6.72	152	202273	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	811530	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	385629	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	718385	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	602282	20.00	ng	-0.01
86) Perylene-d12	15.27	264	442063	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1367212	112.50	ng	0.01
7) Phenol-d6	6.38	99	1572241	102.59	ng	0.00
23) Nitrobenzene-d5	7.29	82	1113020	76.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	299263	119.11	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1660502	80.09	ng	-0.01
78) Terphenyl-d14	12.83	244	1507843	65.09	ng	0.00

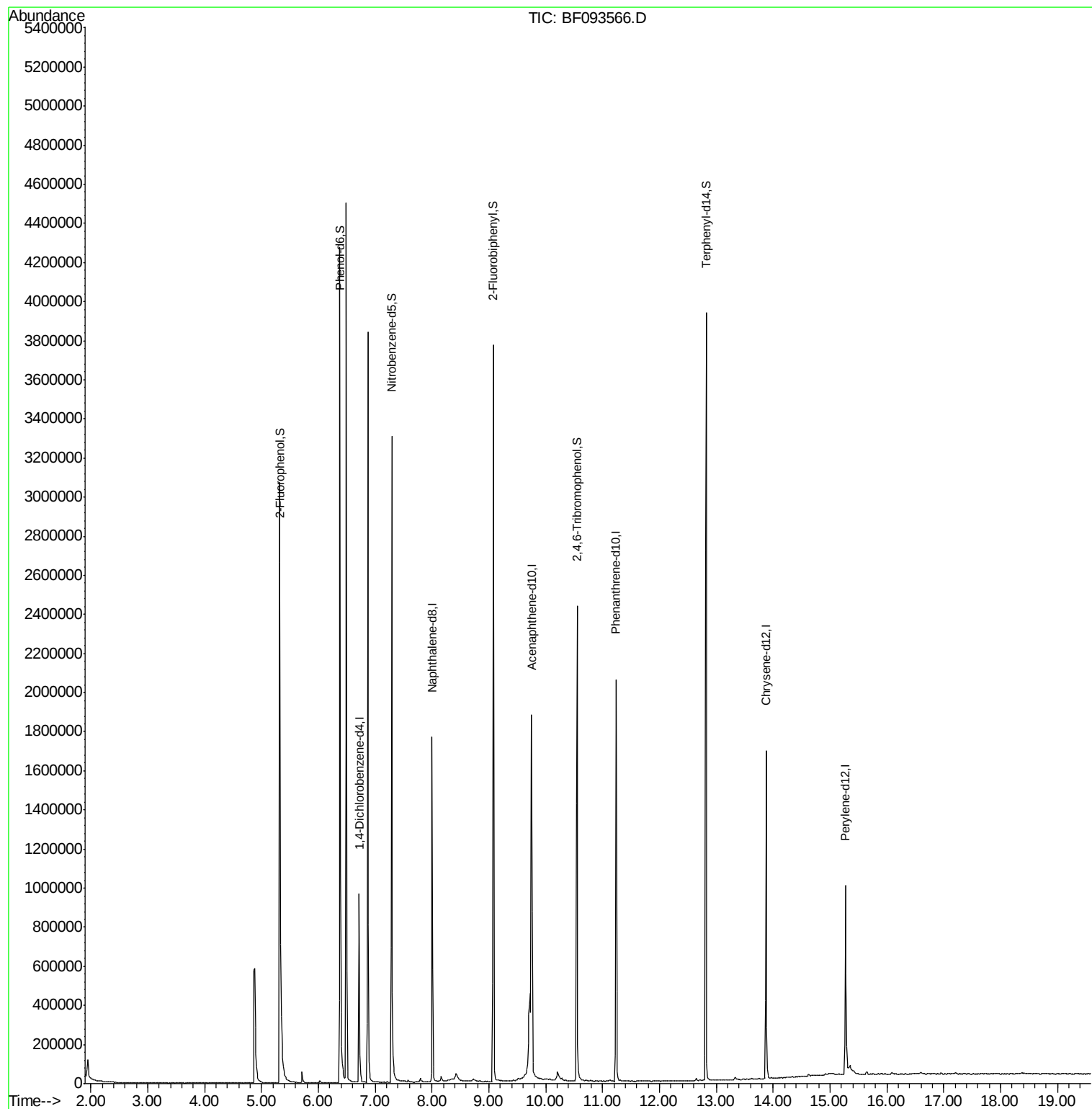
Target Compounds Qvalue

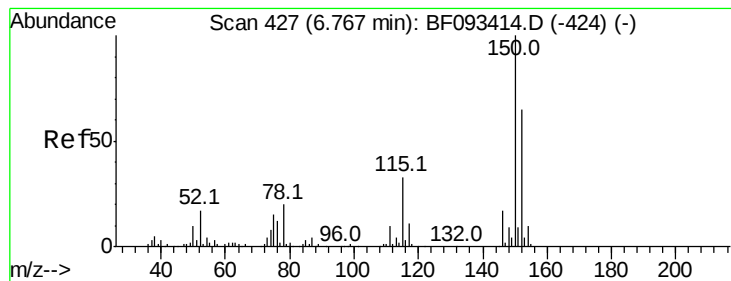
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF093566.D

Acq: 11 Mar 2017 14:48

Instrument :

BNA_F

ClientSampleId :

PB97500BL

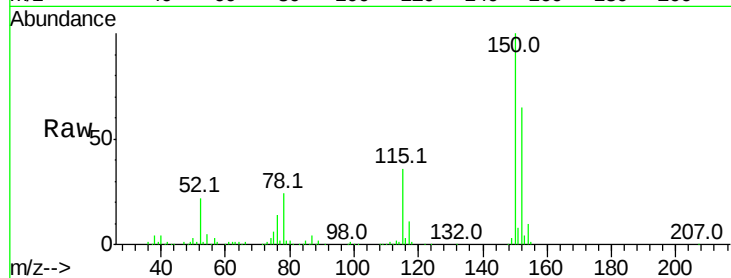
Tot Ion:152 Resp: 202273

Ion Ratio Lower Upper

152 100

150 153.0 124.9 187.3

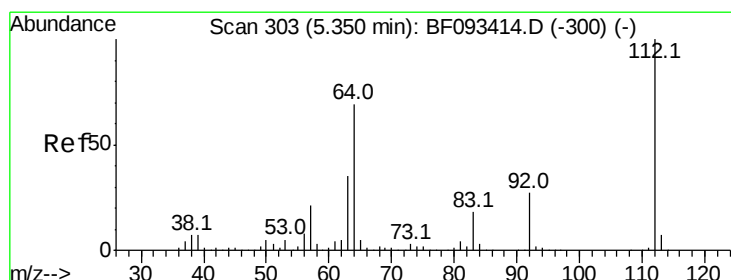
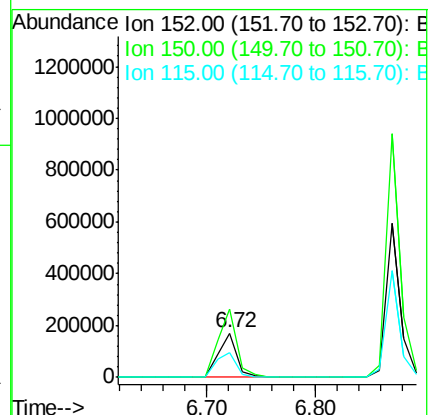
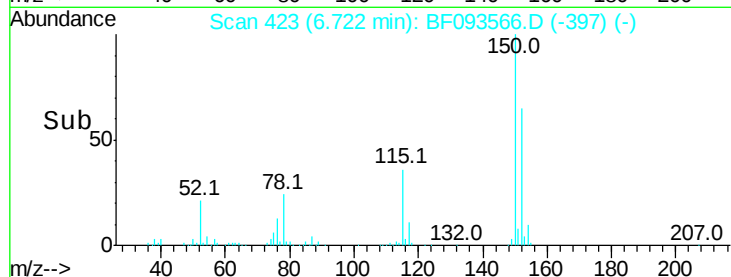
115 55.4 46.0 69.0



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: 112.50 ng

RT: 5.33 min Scan# 301

Delta R.T. 0.01 min

Lab File: BF093566.D

Acq: 11 Mar 2017 14:48

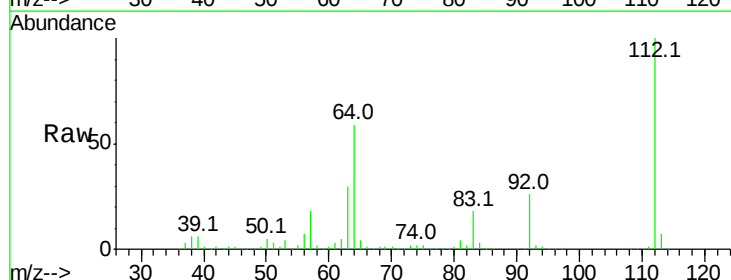
Tgt Ion:112 Resp: 1367212

Ion Ratio Lower Upper

112 100

64 59.3 46.1 69.1

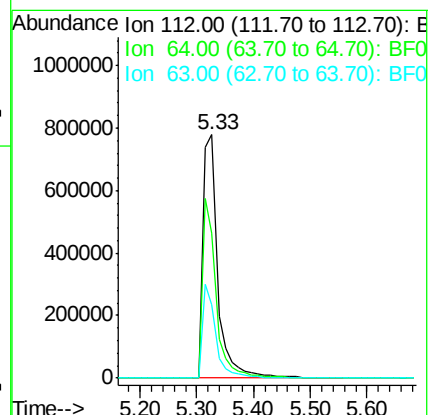
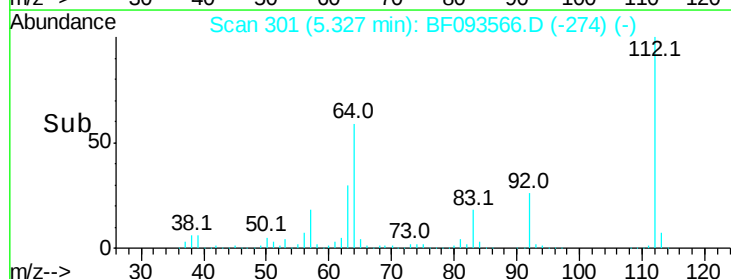
63 30.2 23.8 35.6

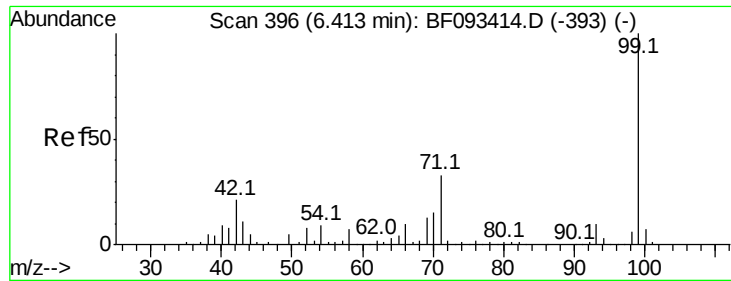


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.59 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093566.D

Acq: 11 Mar 2017 14:48

Instrument :

BNA_F

ClientSampleId :

PB97500BL

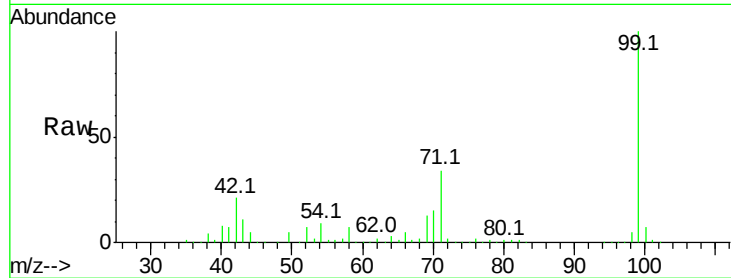
Tot Ion: 99 Resp: 1572241

Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

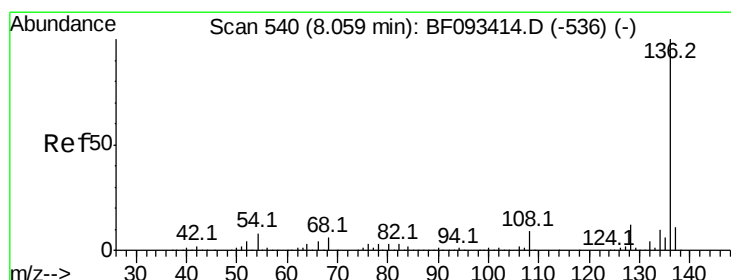
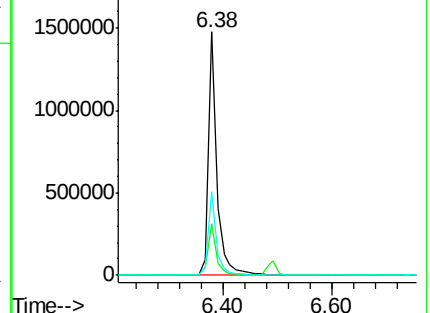
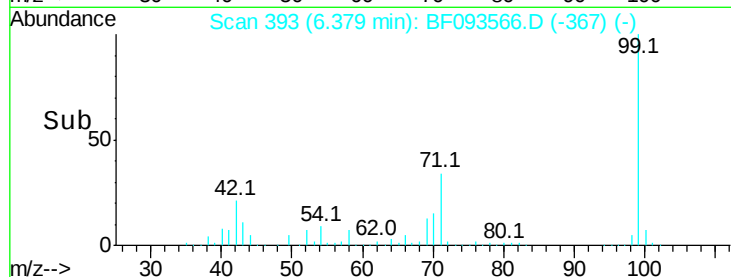
71 34.1 27.5 41.3



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: BF093566.D

Acq: 11 Mar 2017 14:48

Tgt Ion:136 Resp: 811530

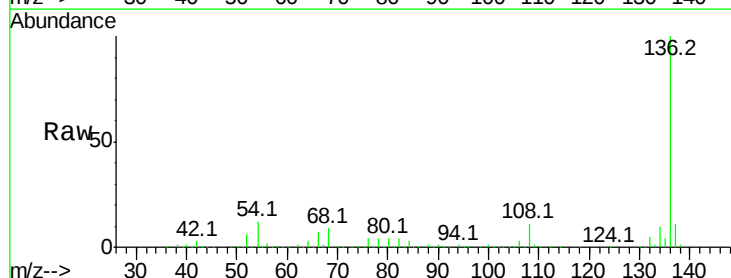
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 11.7 4.5 6.7#

68 8.6 3.6 5.4#

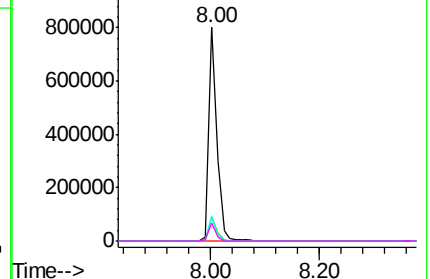
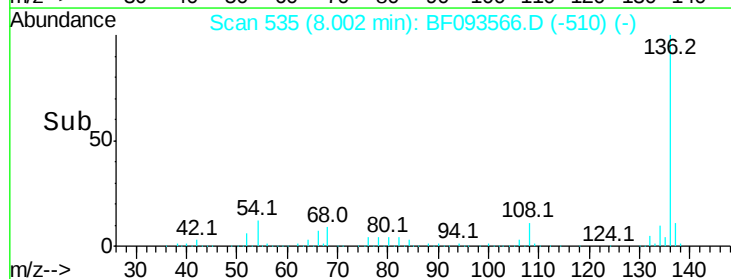


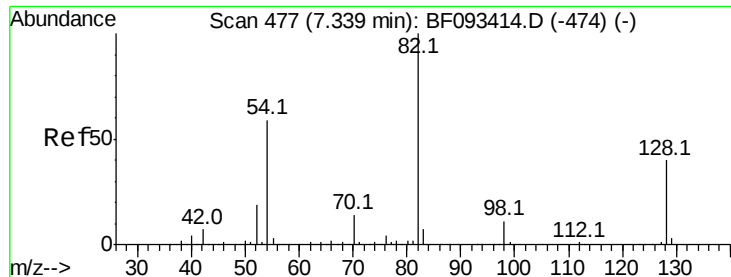
Abundance Ion 136.00 (135.70 to 136.70): E

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

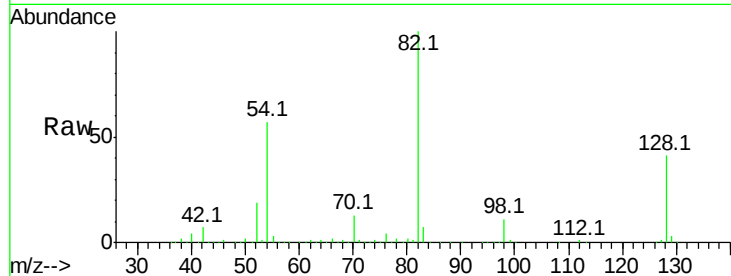




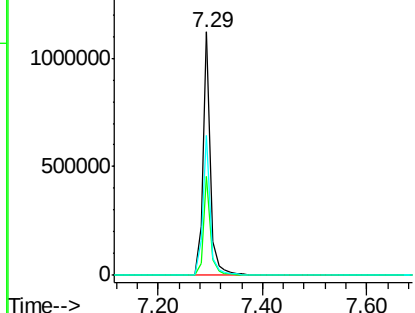
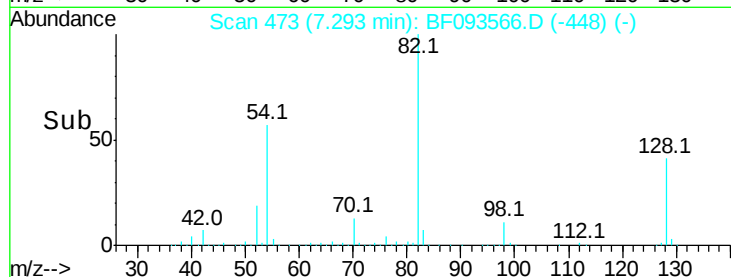
#23
 Nitrobenzene-d5
 Concen: 76.10 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093566.D
 Acq: 11 Mar 2017 14:48

Instrument :
 BNA_F
 ClientSampleID :
 PB97500BL

Tot Ion: 82 Resp: 1113020
 Ion Ratio Lower Upper
 82 100
 128 40.7 34.6 52.0
 54 57.5 39.5 59.3

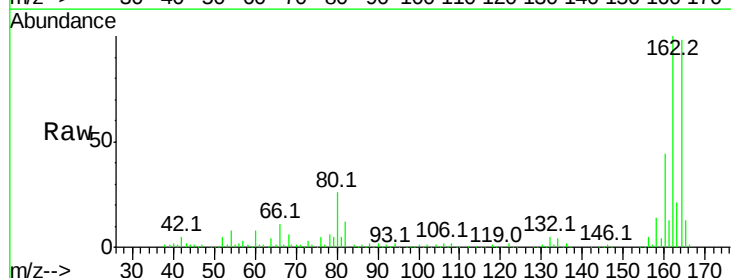


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

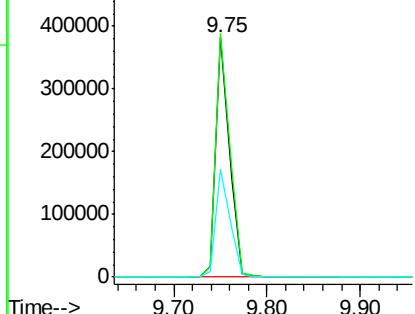
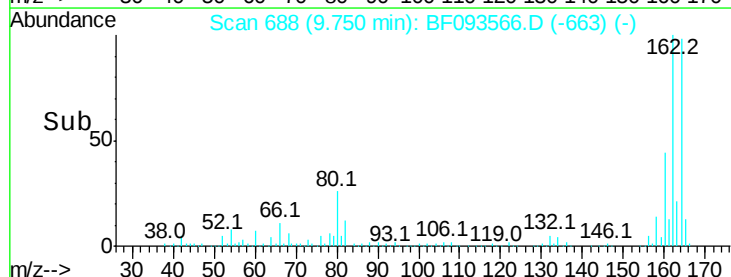


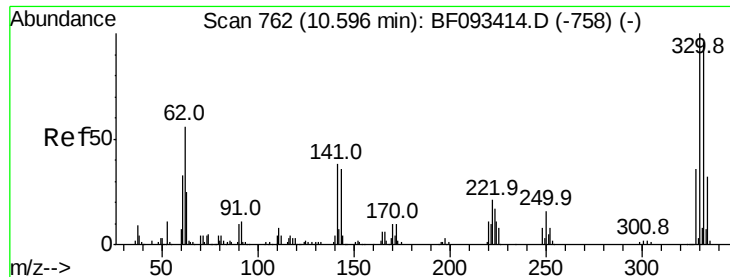
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093566.D
 Acq: 11 Mar 2017 14:48

Tgt Ion: 164 Resp: 385629
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.2 120.2
 160 45.0 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

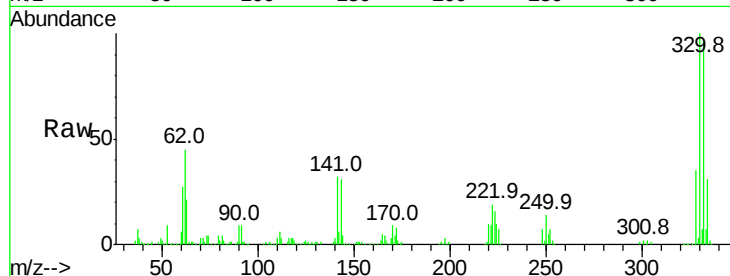




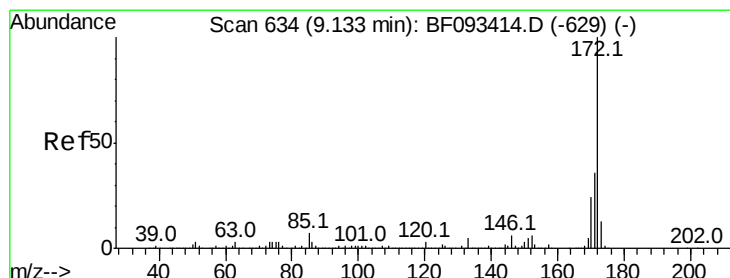
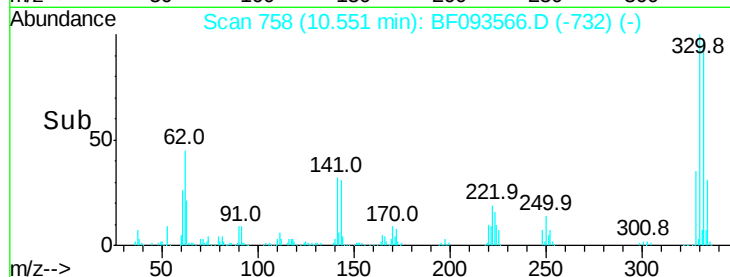
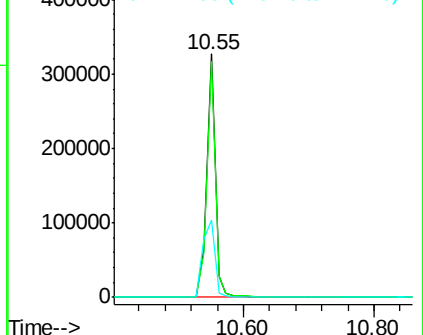
#41
 2,4,6-Tribromophenol
 Concen: 119.11 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF093566.D
 Acq: 11 Mar 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB97500BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	44.8	34.1	51.1

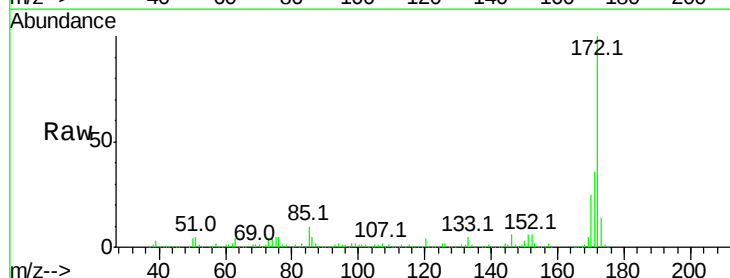


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

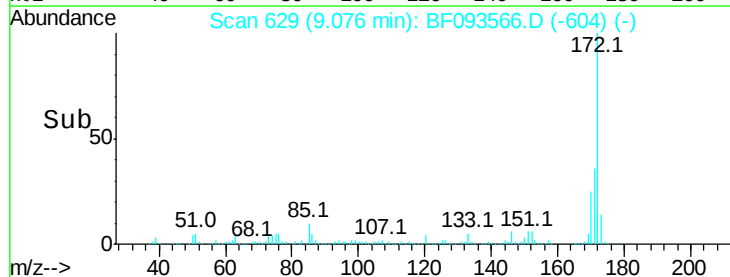
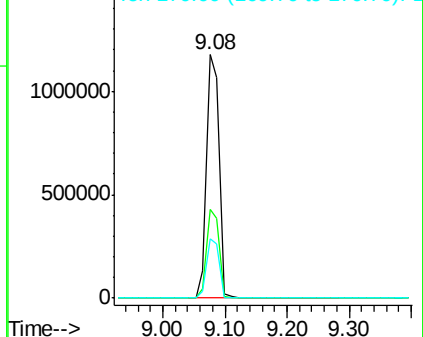


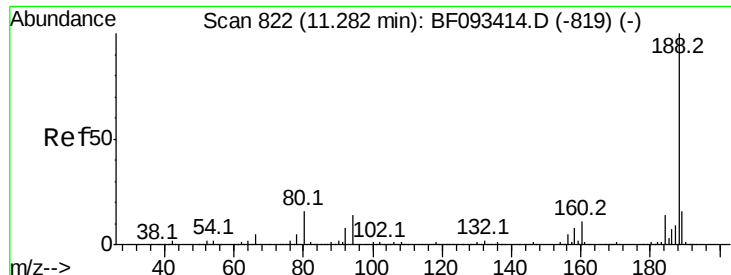
#44
 2-Fluorobiphenyl
 Concen: 80.09 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093566.D
 Acq: 11 Mar 2017 14:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.6	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

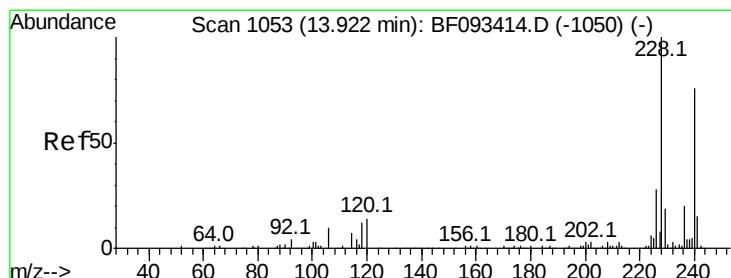
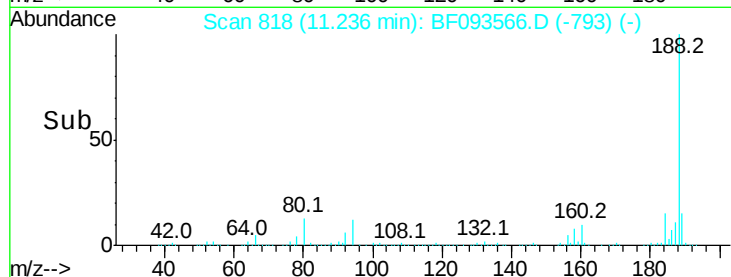
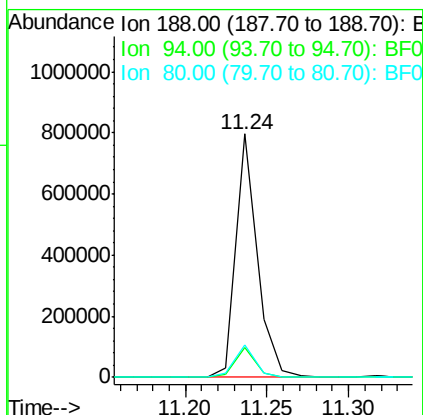
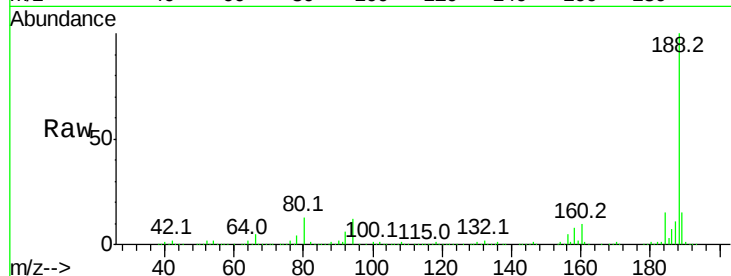




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF093566.D
Acq: 11 Mar 2017 14:48

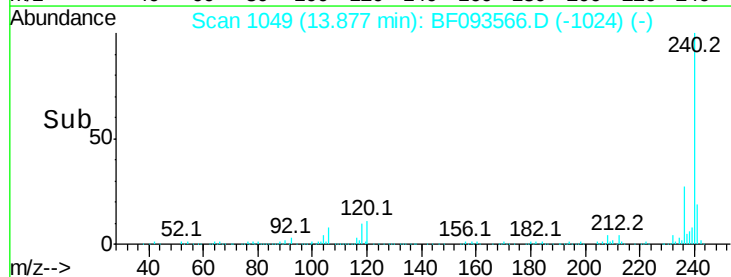
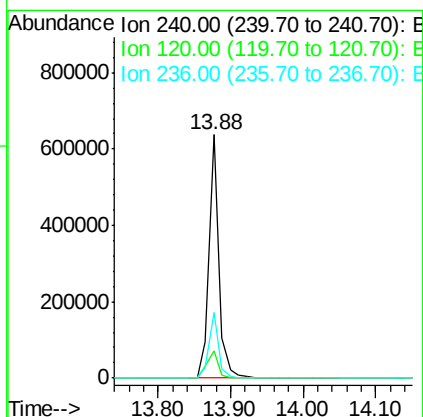
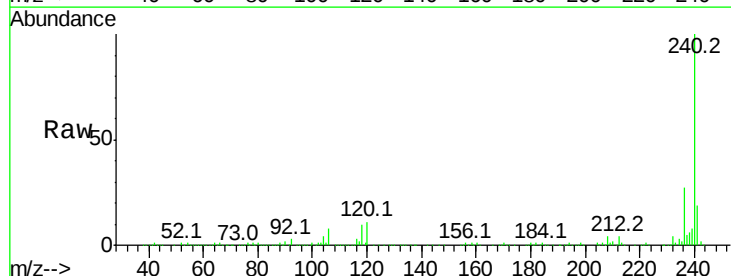
Instrument :
BNA_F
ClientSampleId :
PB97500BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.1	10.0	15.0
80	13.4	11.2	16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF093566.D
Acq: 11 Mar 2017 14:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	12.9	19.3#
236	26.8	20.9	31.3





#78

Terphenyl-d14

Concen: 65.09 ng

RT: 12.83 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF093566.D

Acq: 11 Mar 2017 14:48

Instrument :

BNA_F

ClientSampleId :

PB97500BL

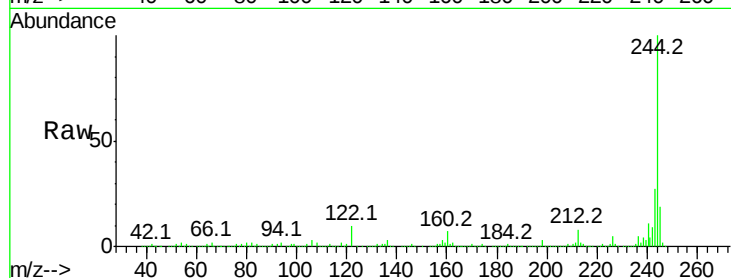
Tot Ion:244 Resp: 1507843

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

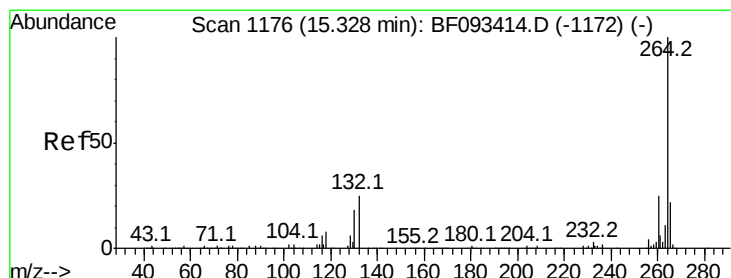
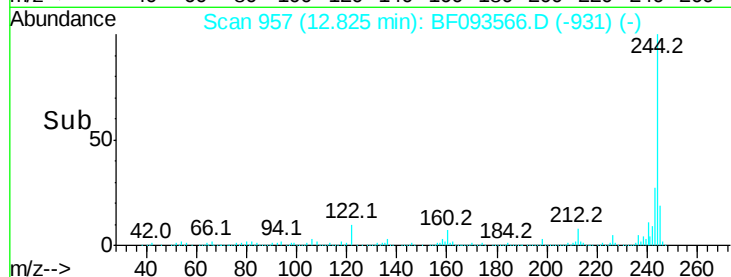
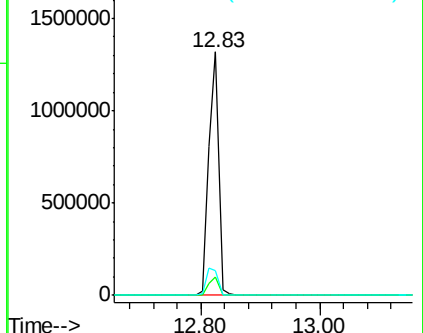
122 10.2 11.4 17.2#



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: 15.27 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF093566.D

Acq: 11 Mar 2017 14:48

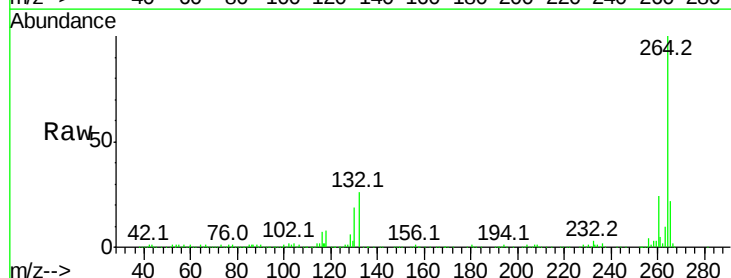
Tgt Ion:264 Resp: 442063

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.6 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

