

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093950.D
 Acq On : 27 Mar 2017 19:05
 Operator : SJ/MA
 Sample : PB97837BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BL

Quant Time: Mar 28 00:39:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	169086	20.00	ng	-0.01
21) Naphthalene-d8	7.44	136	667973	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	308153	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	571843	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	534453	20.00	ng	-0.02
86) Perylene-d12	16.30	264	457576	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	1295556	129.41	ng	0.00
7) Phenol-d6	5.54	99	1616310	130.51	ng	-0.01
23) Nitrobenzene-d5	6.59	82	1004456	85.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	373082	153.21	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1812646	89.72	ng	-0.01
78) Terphenyl-d14	13.40	244	1687765	70.78	ng	0.00

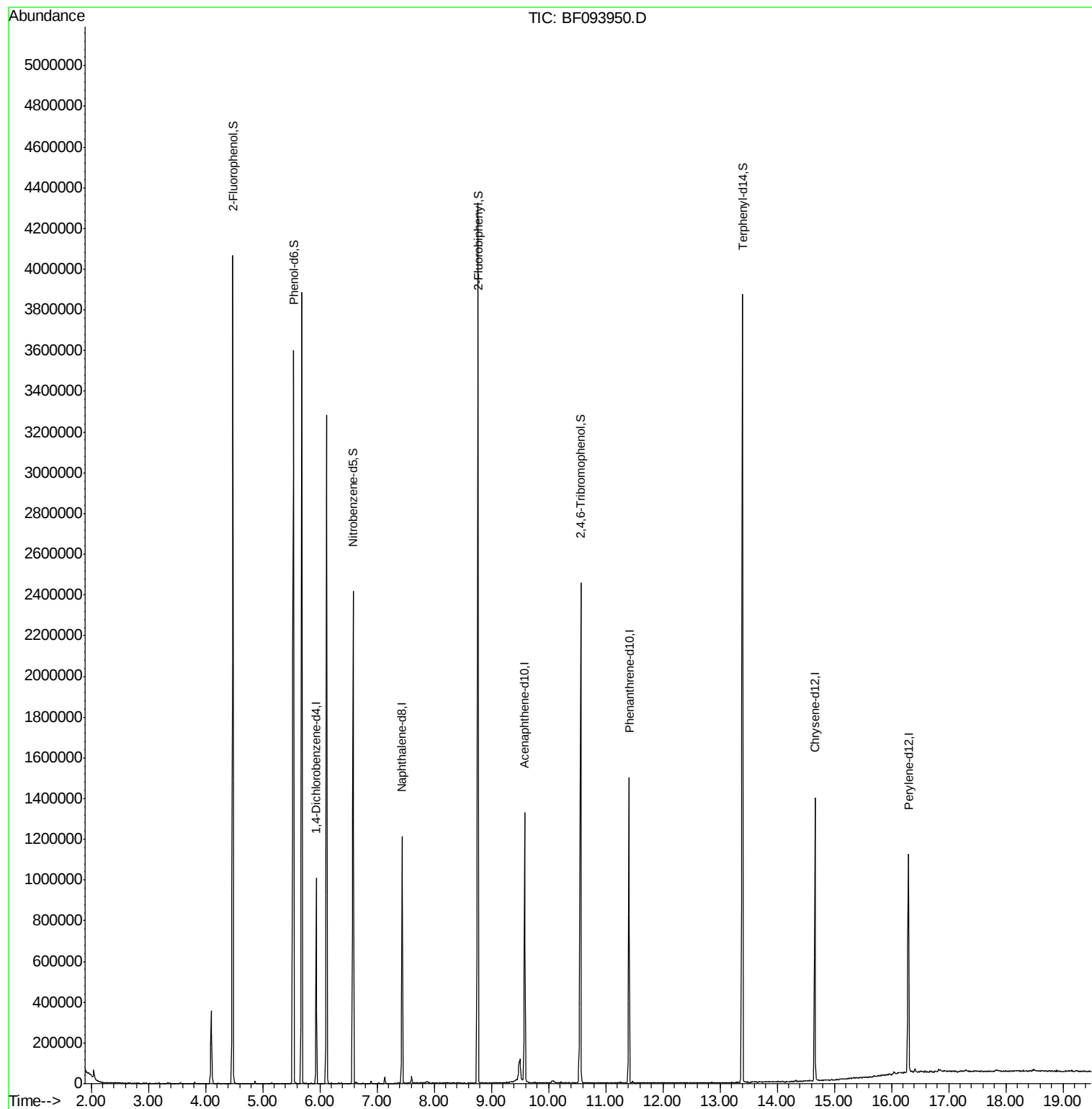
Target Compounds Qvalue

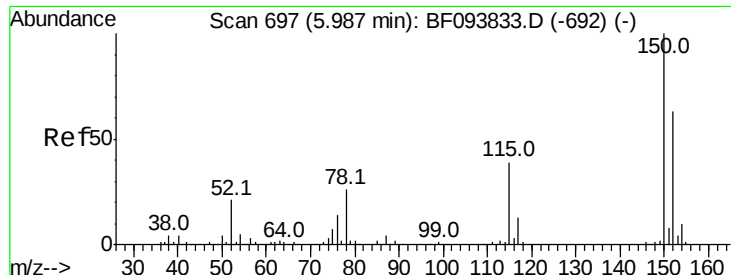
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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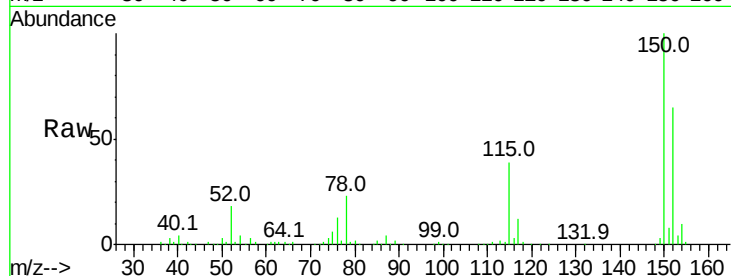


#1

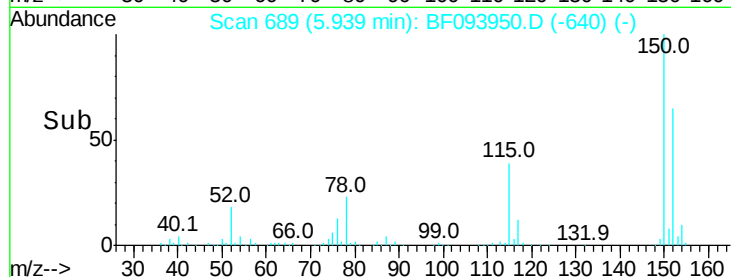
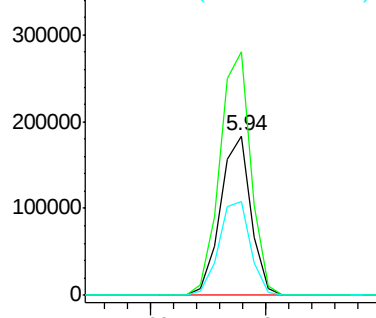
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF093950.D
Acq: 27 Mar 2017 19:05

Instrument :
BNA_F
ClientSampleId :
PB97837BL

Tot Ion:152 Resp: 169086
Ion Ratio Lower Upper
152 100
150 152.9 126.2 189.2
115 59.3 52.2 78.2



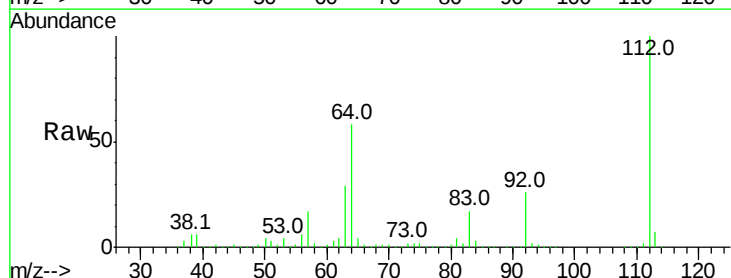
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



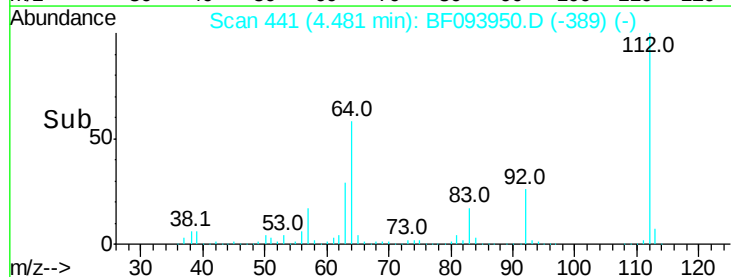
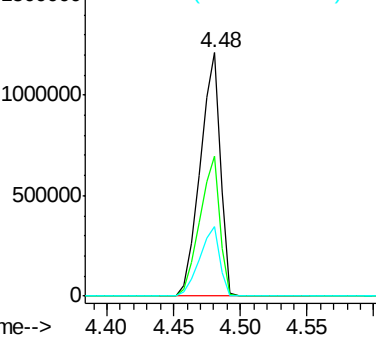
#5

2-Fluorophenol
Concen: 129.41 ng
RT: 4.48 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093950.D
Acq: 27 Mar 2017 19:05

Tgt Ion:112 Resp: 1295556
Ion Ratio Lower Upper
112 100
64 57.6 46.0 69.0
63 28.7 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: 130.51 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF093950.D

Acq: 27 Mar 2017 19:05

Instrument :

BNA_F

ClientSampleId :

PB97837BL

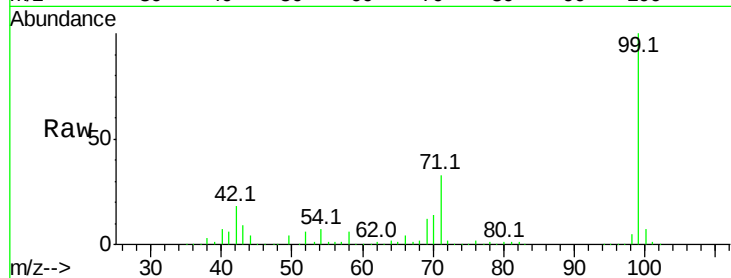
Tot Ion: 99 Resp: 1616310

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	33.4	24.5	36.7

99 100

42 17.5 13.5 20.3

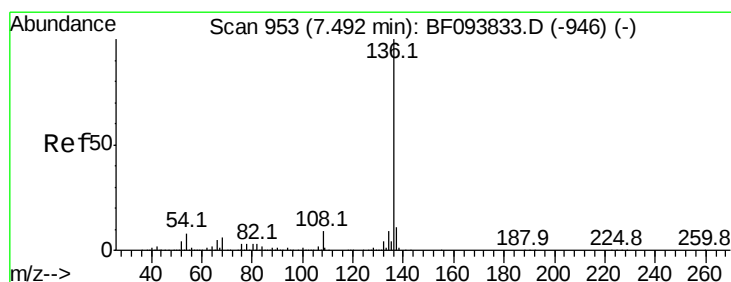
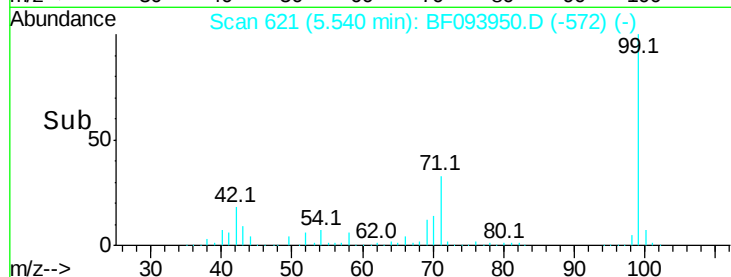
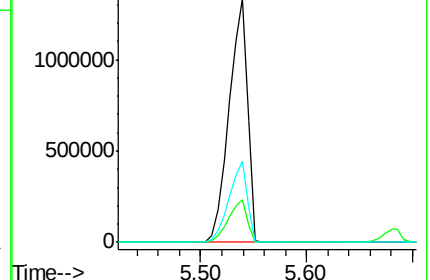
71 33.4 24.5 36.7



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: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093950.D

Acq: 27 Mar 2017 19:05

Tgt Ion: 136 Resp: 667973

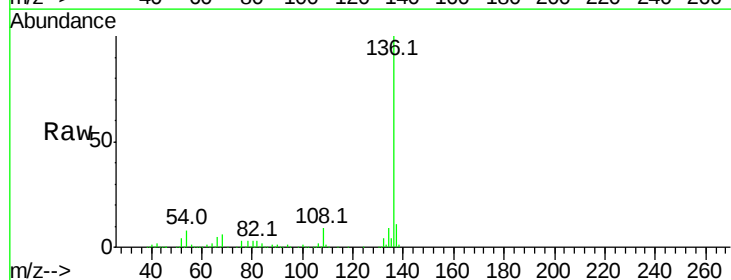
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.6	4.9	7.3
68	6.0	4.1	6.1

136 100

137 11.0 8.5 12.7

54 7.6 4.9 7.3

68 6.0 4.1 6.1

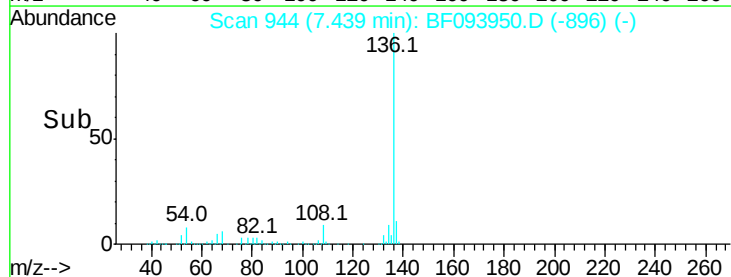
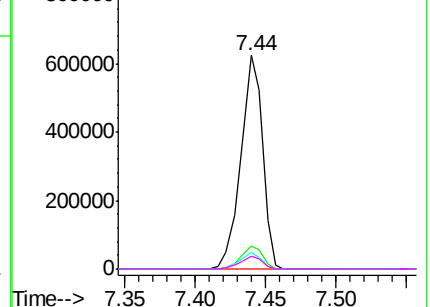


Abundance Ion 136.00 (135.70 to 136.70): E

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

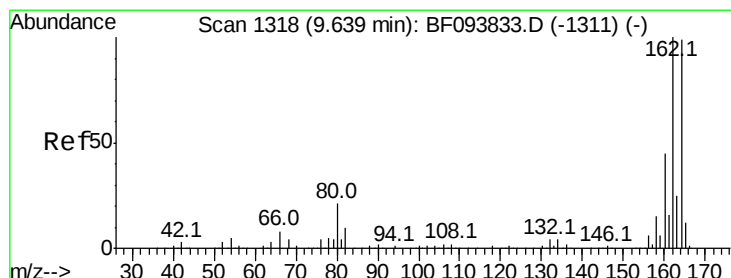
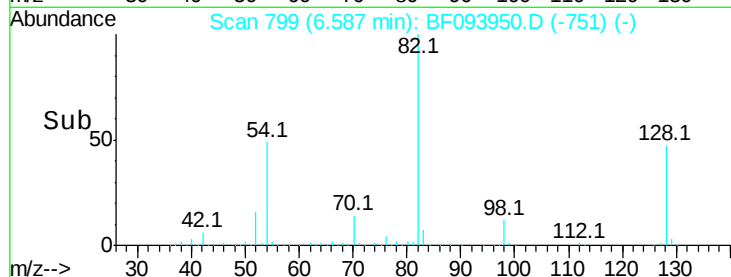
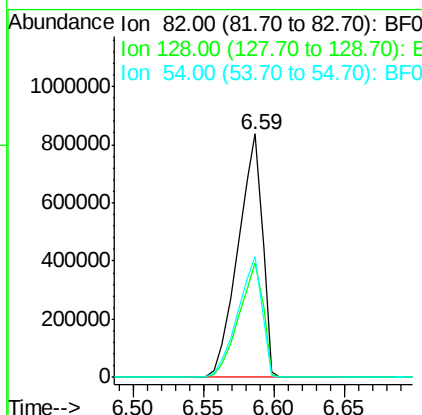
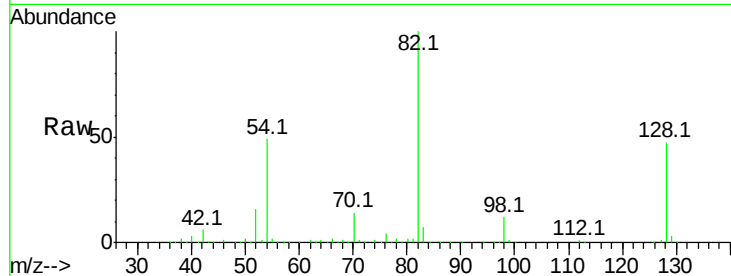




#23
 Nitrobenzene-d5
 Concen: 85.82 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF093950.D
 Acq: 27 Mar 2017 19:05

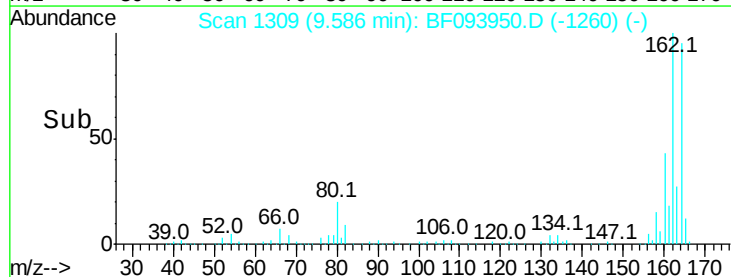
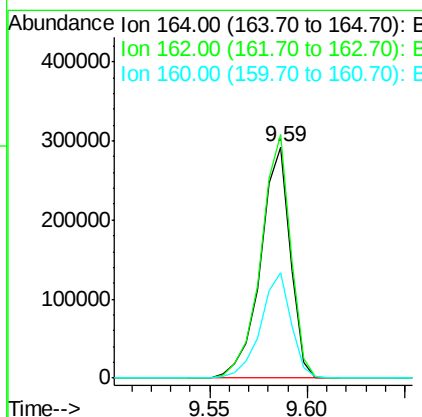
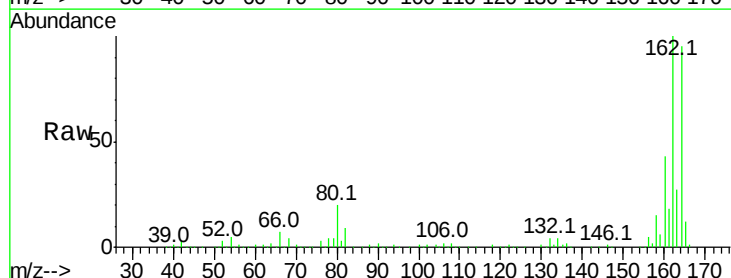
Instrument :
 BNA_F
 ClientSampleId :
 PB97837BL

Tot Ion: 82 Resp: 1004456
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.0 51.0
 54 49.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF093950.D
 Acq: 27 Mar 2017 19:05

Tgt Ion:164 Resp: 308153
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 45.8 36.2 54.2

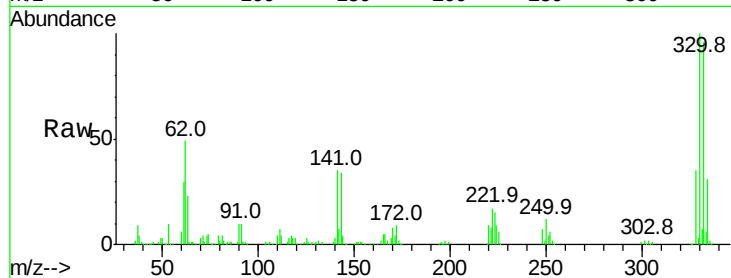




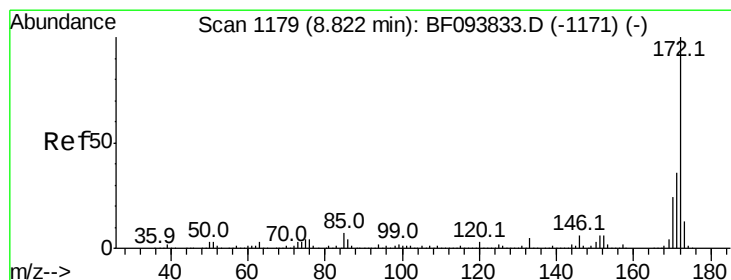
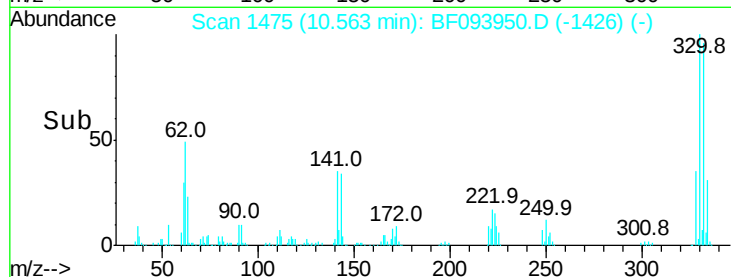
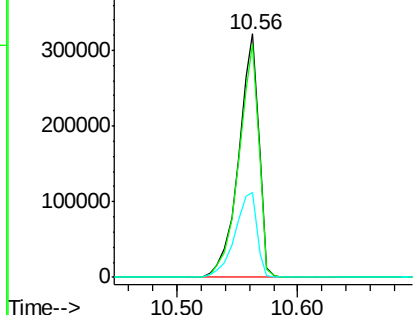
#41
 2,4,6-Tribromophenol
 Concen: 153.21 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093950.D
 Acq: 27 Mar 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BL

Tot Ion:330 Resp: 373082
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 38.2 31.4 47.2

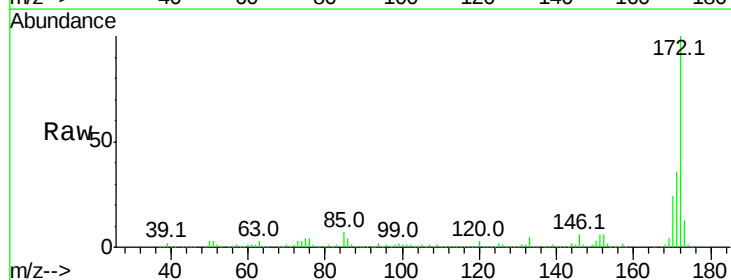


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

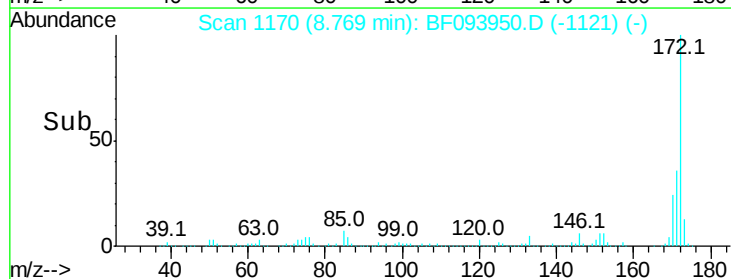
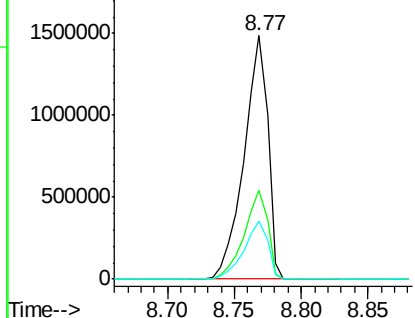


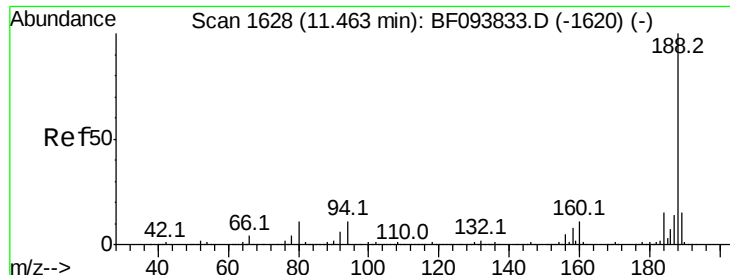
#44
 2-Fluorobiphenyl
 Concen: 89.72 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093950.D
 Acq: 27 Mar 2017 19:05

Tgt Ion:172 Resp: 1812646
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.9 19.8 29.8



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

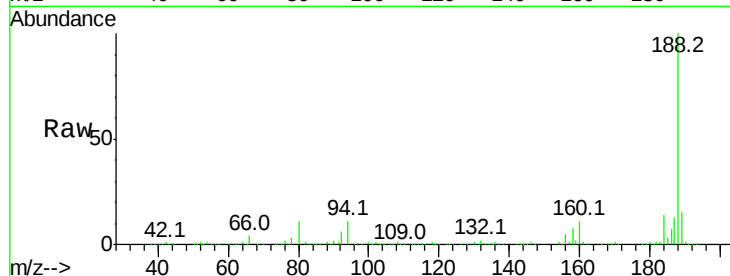




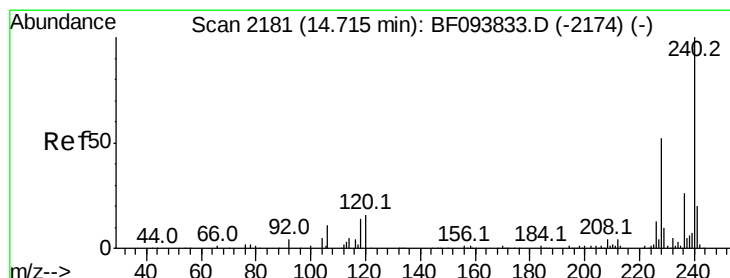
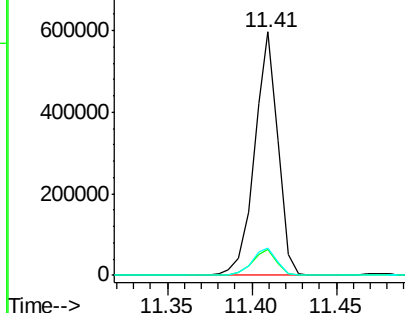
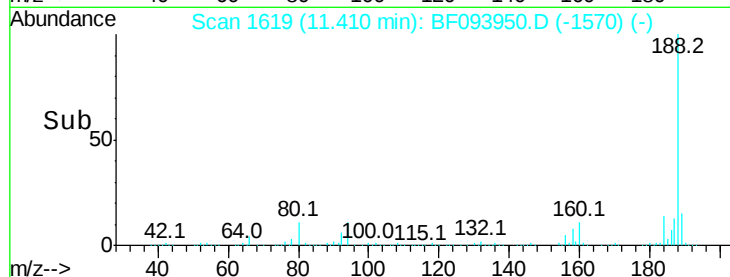
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093950.D
Acq: 27 Mar 2017 19:05

Instrument :
BNA_F
ClientSampleId :
PB97837BL

Tot Ion:188 Resp: 571843
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.3 10.2 15.2

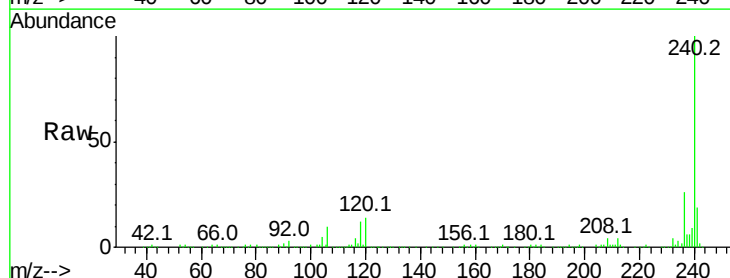


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

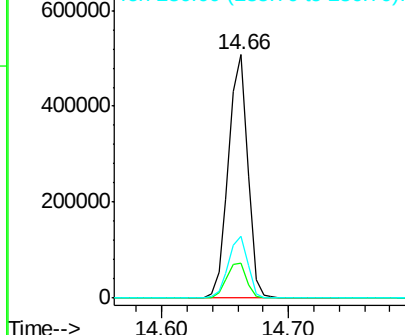
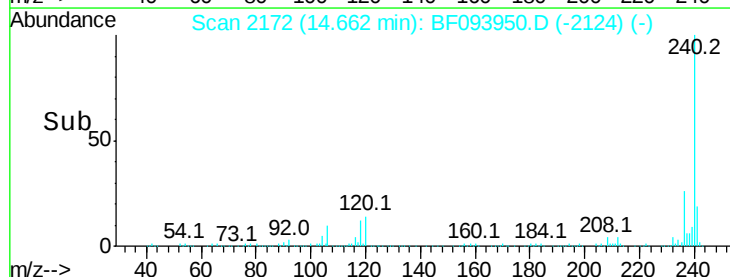


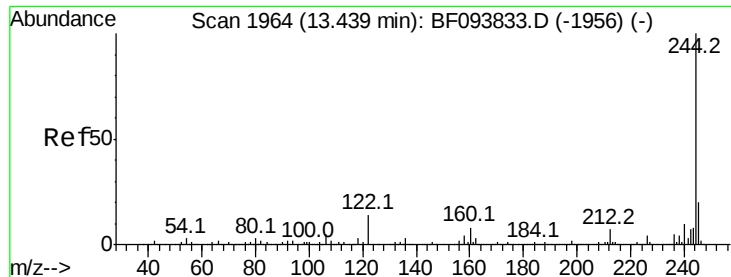
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.66 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF093950.D
Acq: 27 Mar 2017 19:05

Tgt Ion:240 Resp: 534453
Ion Ratio Lower Upper
240 100
120 14.1 5.8 8.8#
236 25.5 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: 70.78 ng

RT: 13.40 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF093950.D

Acq: 27 Mar 2017 19:05

Instrument :

BNA_F

ClientSampleId :

PB97837BL

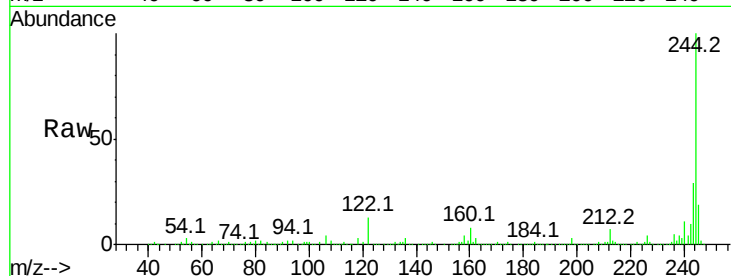
Tot Ion:244 Resp: 1687765

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

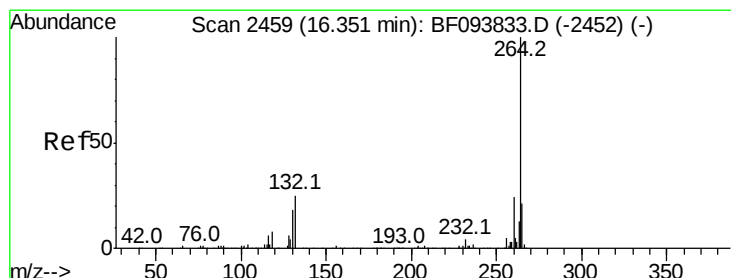
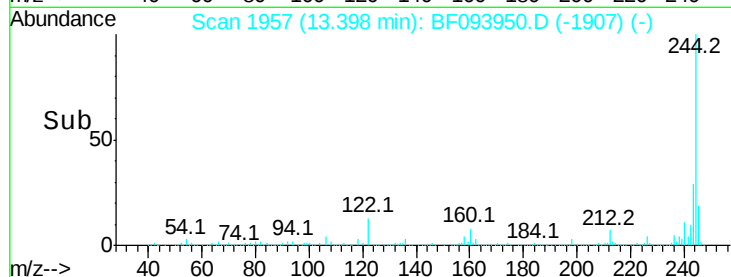
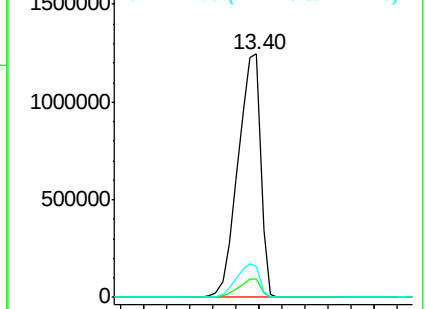
122 12.8 10.3 15.5



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: 16.30 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BF093950.D

Acq: 27 Mar 2017 19:05

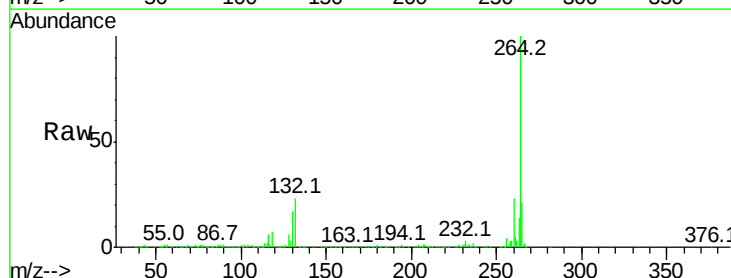
Tgt Ion:264 Resp: 457576

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.1 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

