

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093711.D
 Acq On : 16 Mar 2017 17:35
 Operator : SJ/MA
 Sample : PB97641TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97641TB

Quant Time: Mar 17 03:25:55 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	6.70	152	163730	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	635659	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	287976	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	539597	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	456552	20.00	ng	-0.03
86) Perylene-d12	15.26	264	335527	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1415268	143.86	ng	-0.02
7) Phenol-d6	6.36	99	1698384	136.91	ng	-0.02
23) Nitrobenzene-d5	7.27	82	1076903	94.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	299644	159.71	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1654765	106.88	ng	-0.02
78) Terphenyl-d14	12.80	244	1374479	78.27	ng	-0.02

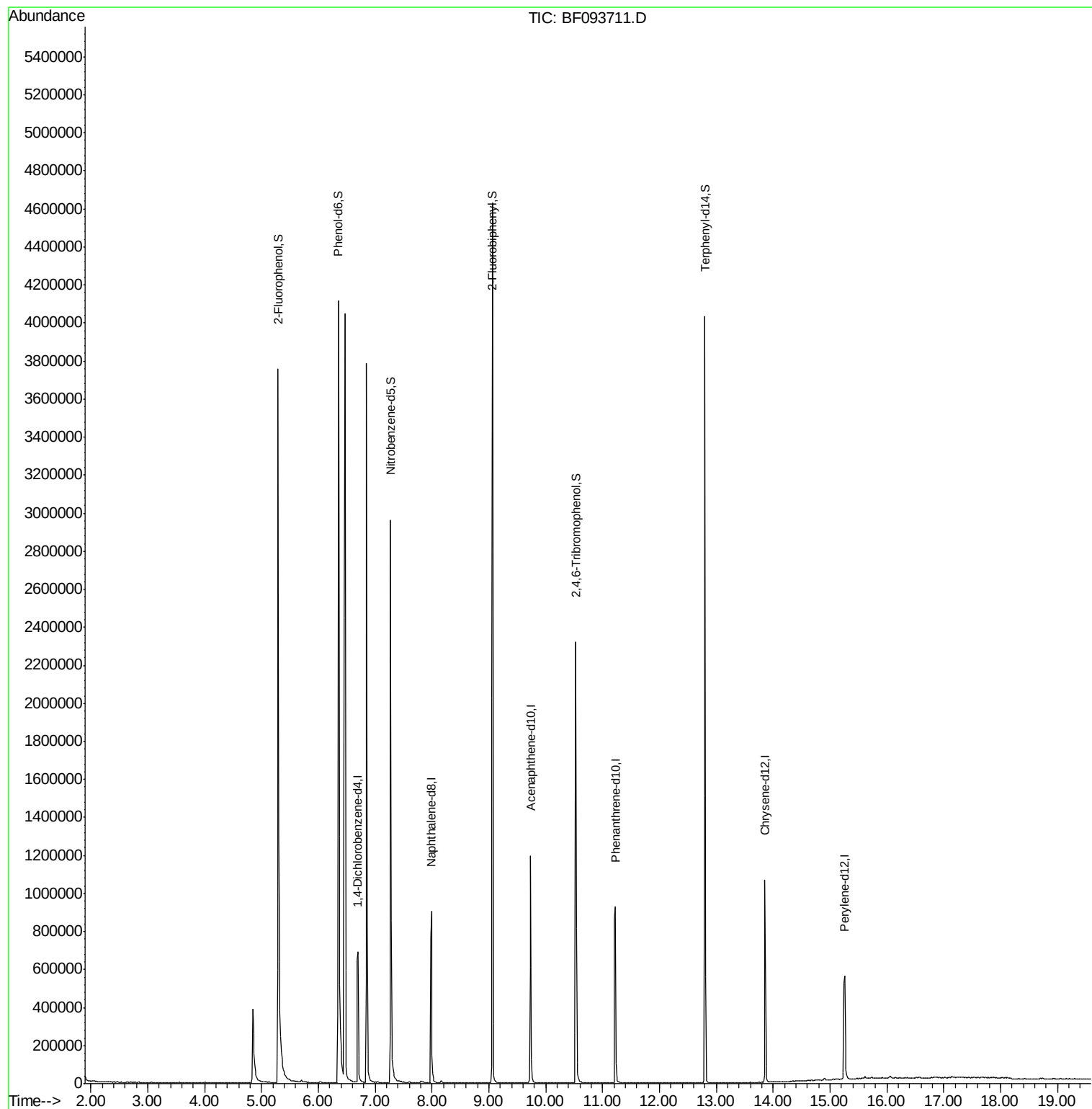
Target Compounds Qvalue

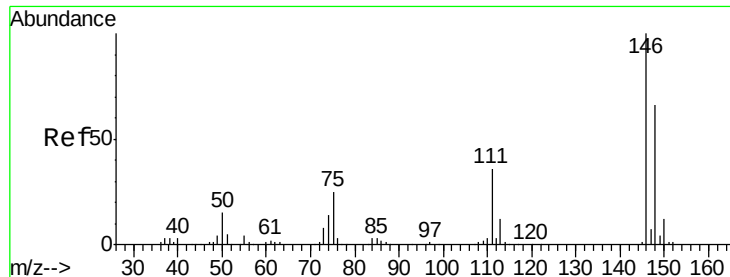
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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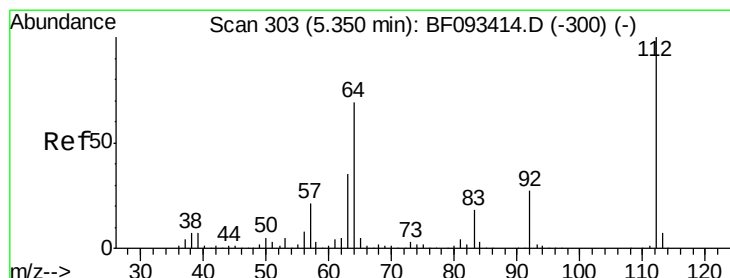
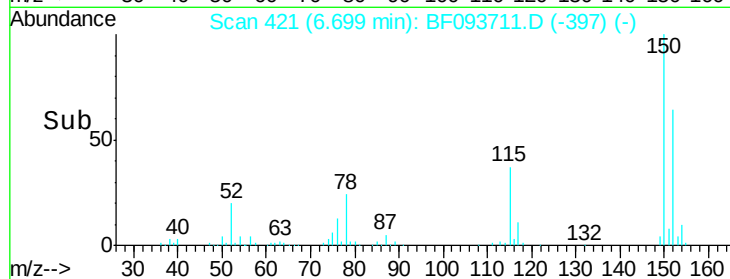
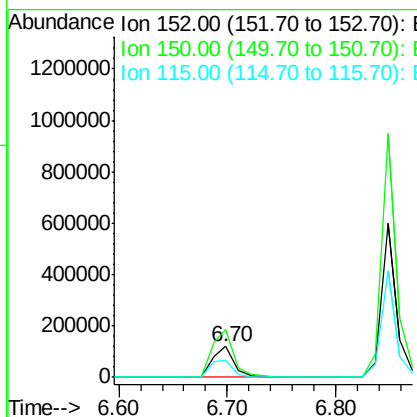
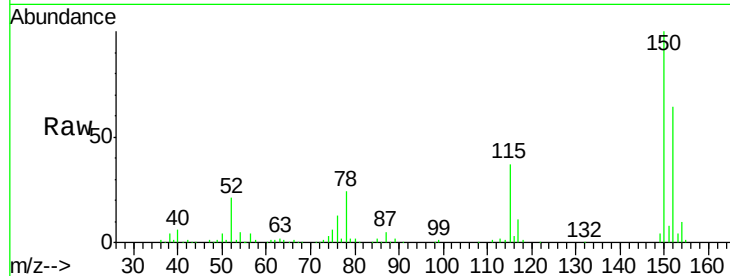




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF093711.D
 Acq: 16 Mar 2017 17:35

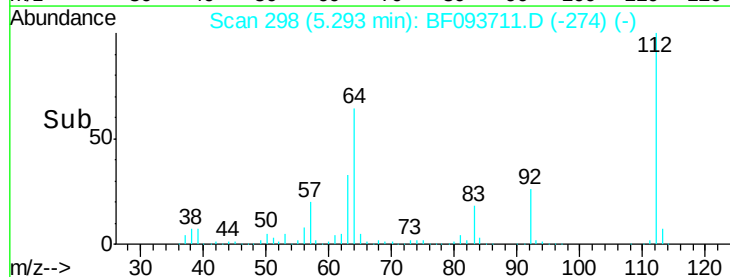
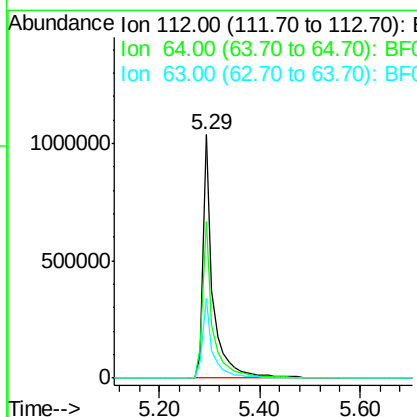
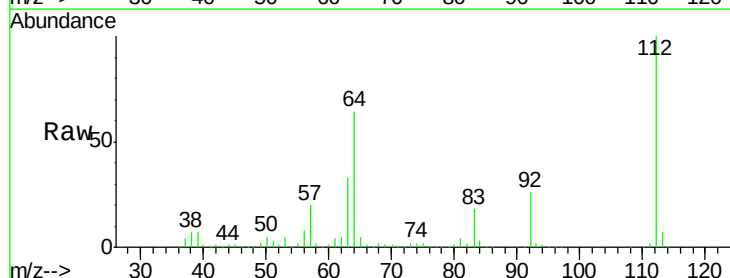
Instrument :
 BNA_F
 ClientSampleId :
 PB97641TB

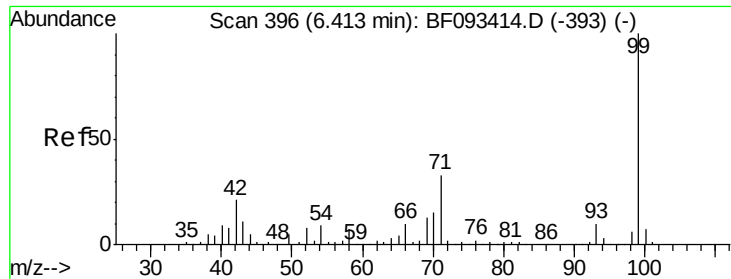
Tot Ion:152 Resp: 163730
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.9 187.3
 115 57.0 46.0 69.0



#5
 2-Fluorophenol
 Concen: 143.86 ng
 RT: 5.29 min Scan# 298
 Delta R.T. -0.02 min
 Lab File: BF093711.D
 Acq: 16 Mar 2017 17:35

Tgt Ion:112 Resp: 1415268
 Ion Ratio Lower Upper
 112 100
 64 64.2 46.1 69.1
 63 32.8 23.8 35.6





#7

Phenol-d6

Concen: 136.91 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF093711.D

Acq: 16 Mar 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB97641TB

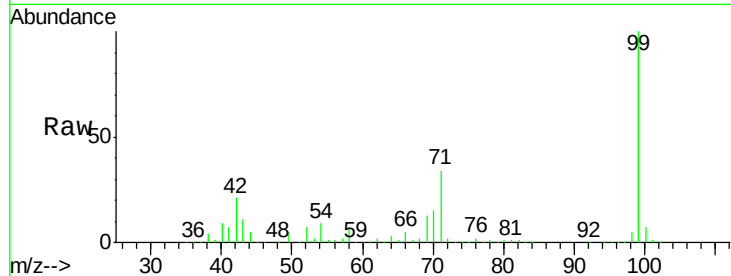
Tot Ion: 99 Resp: 1698384

Ion Ratio Lower Upper

99 100

42 21.2 15.6 23.4

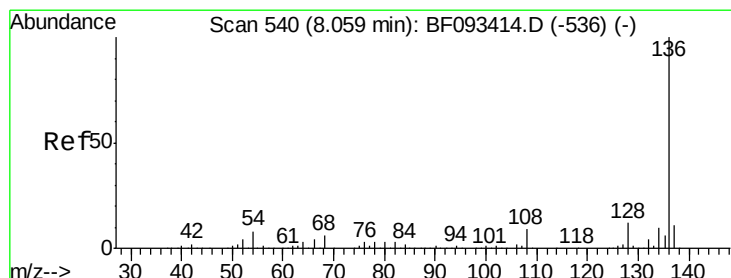
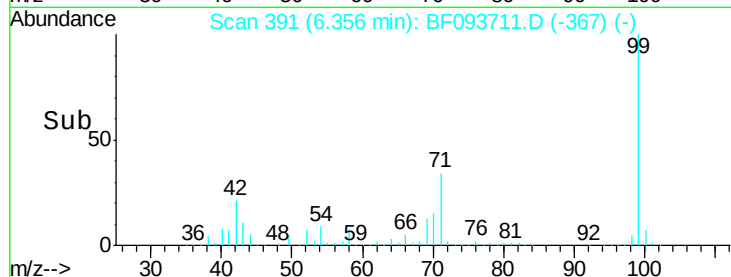
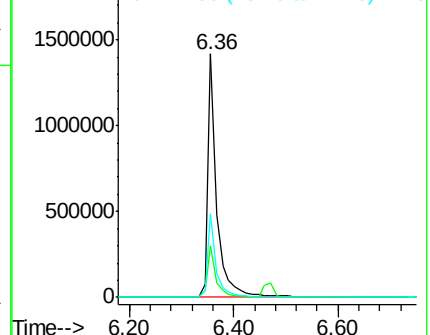
71 34.4 27.5 41.3



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: 7.99 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF093711.D

Acq: 16 Mar 2017 17:35

Tgt Ion: 136 Resp: 635659

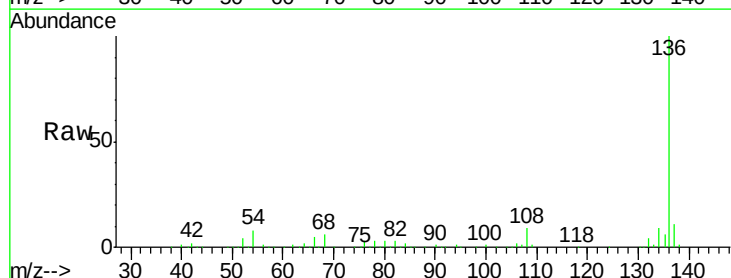
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 8.1 4.5 6.7#

68 5.9 3.6 5.4#

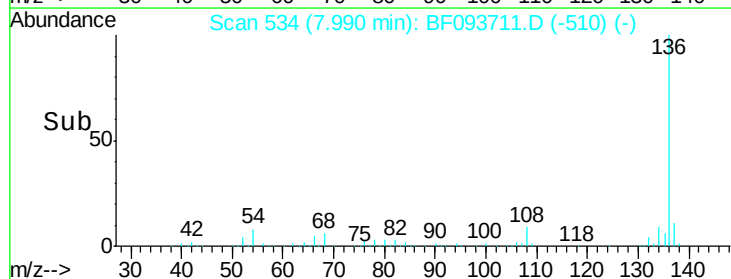
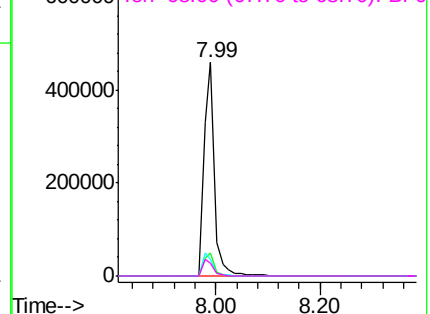


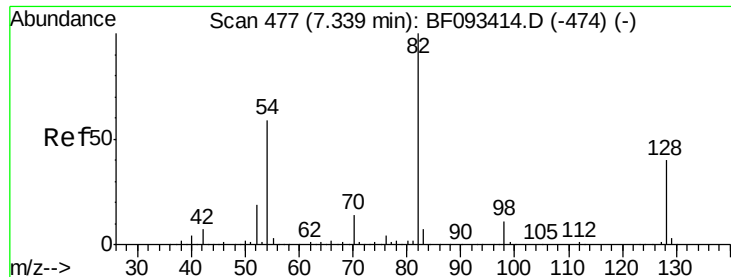
Abundance Ion 136.00 (135.70 to 136.70): E

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



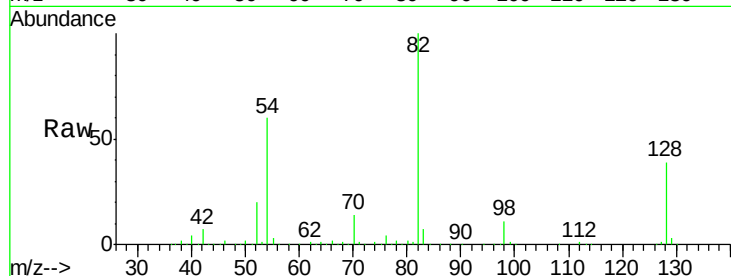


#23
 Nitrobenzene-d5
 Concen: 94.00 ng
 RT: 7.27 min Scan# 471
 Delta R.T. -0.03 min
 Lab File: BF093711.D
 Acq: 16 Mar 2017 17:35

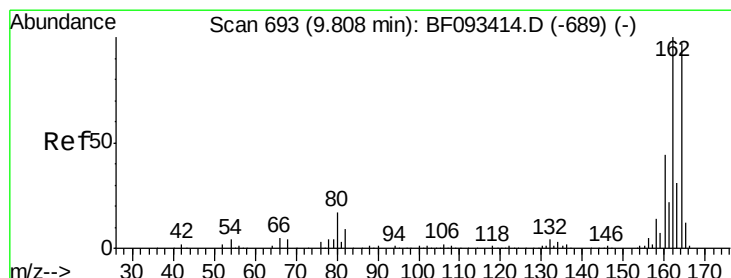
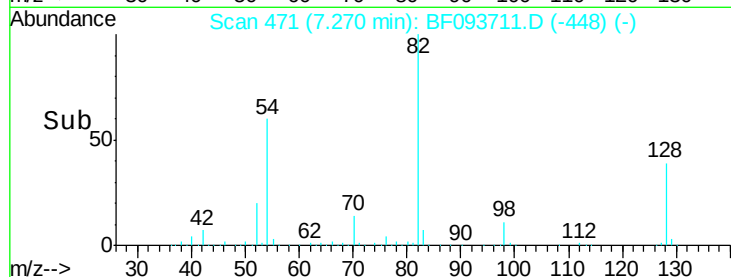
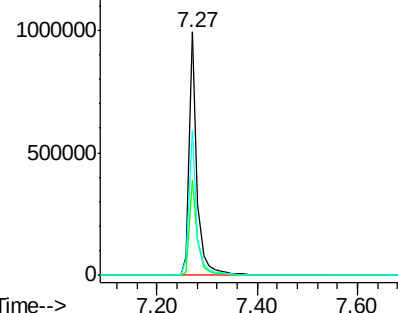
Instrument :
 BNA_F
 ClientSampleID :
 PB97641TB

Tot Ion: 82 Resp: 1076903

Ion	Ratio	Lower	Upper
82	100		
128	38.9	34.6	52.0
54	59.8	39.5	59.3#



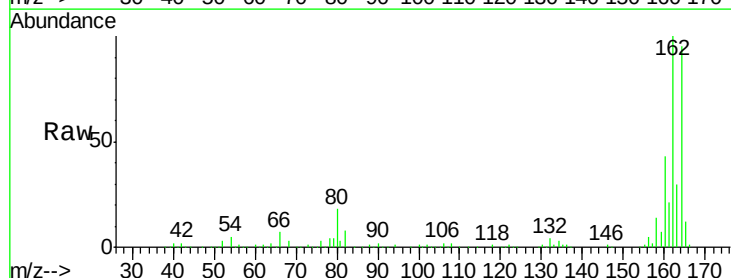
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



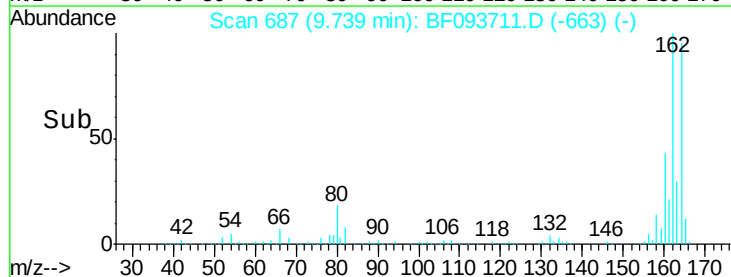
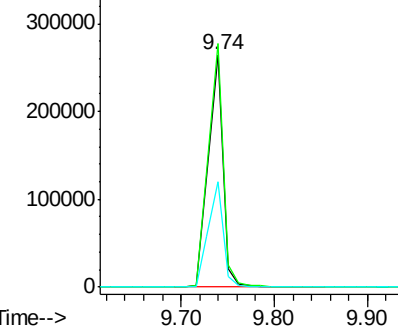
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF093711.D
 Acq: 16 Mar 2017 17:35

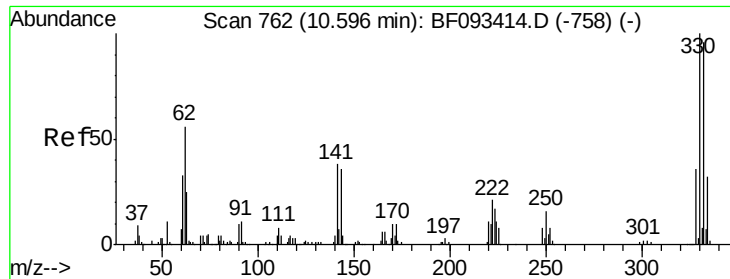
Tgt Ion: 164 Resp: 287976

Ion	Ratio	Lower	Upper
164	100		
162	104.8	80.2	120.2
160	45.5	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

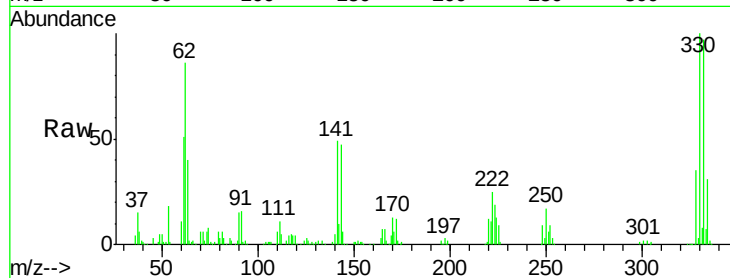




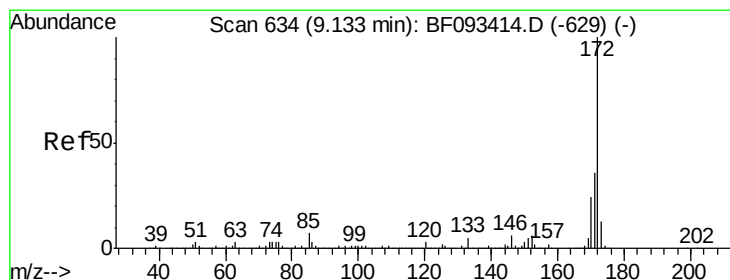
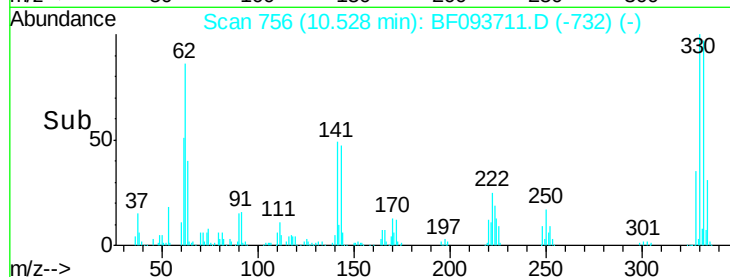
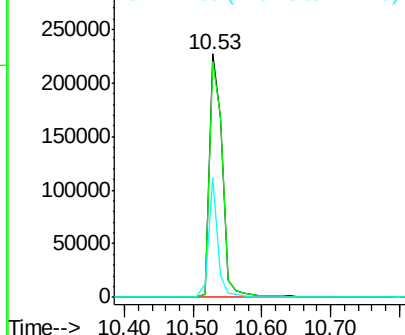
#41
 2,4,6-Tribromophenol
 Concen: 159.71 ng
 RT: 10.53 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF093711.D
 Acq: 16 Mar 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97641TB

Tot Ion:330 Resp: 299644
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.4 116.2
 141 35.6 34.1 51.1

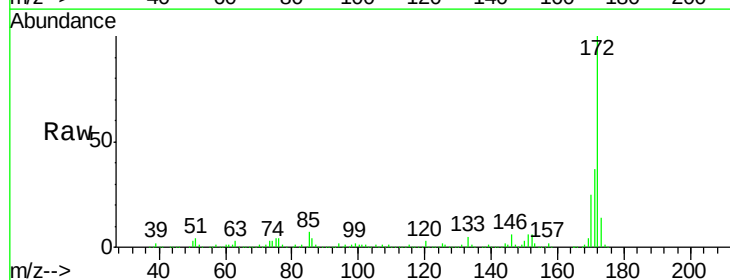


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

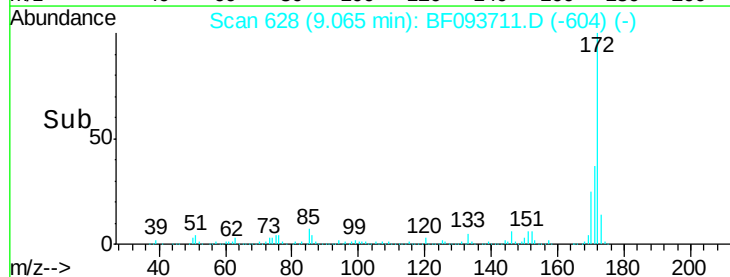
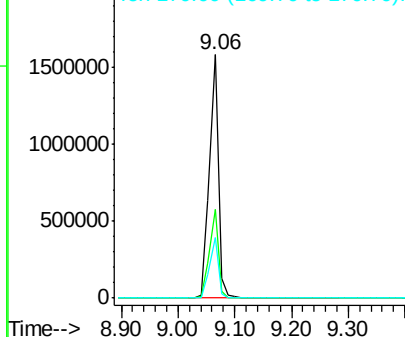


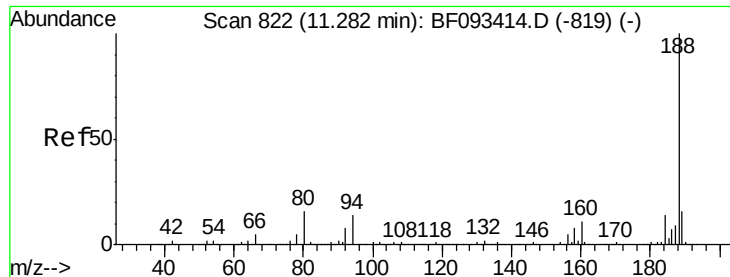
#44
 2-Fluorobiphenyl
 Concen: 106.88 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF093711.D
 Acq: 16 Mar 2017 17:35

Tgt Ion:172 Resp: 1654765
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

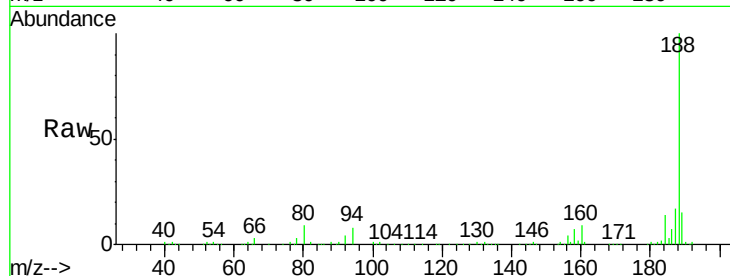




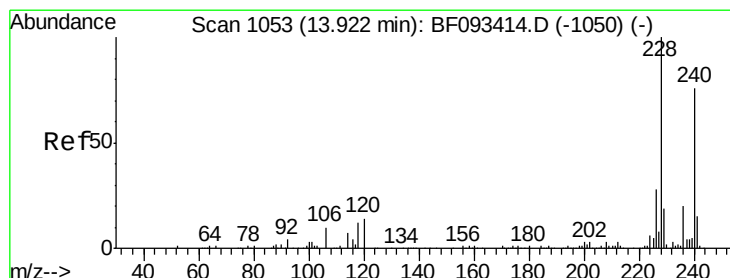
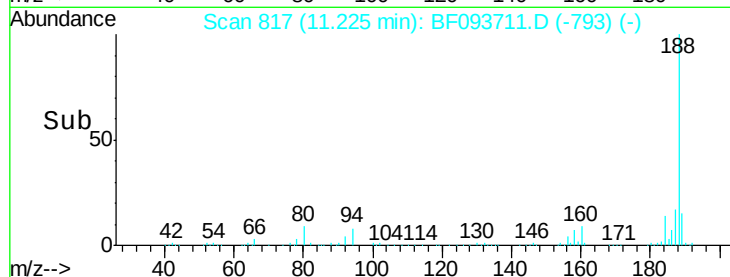
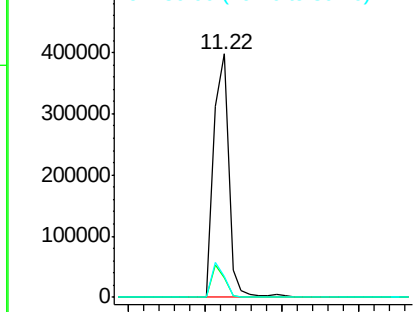
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF093711.D
Acq: 16 Mar 2017 17:35

Instrument :
BNA_F
ClientSampled :
PB97641TB

Tot Ion:188 Resp: 539597
Ion Ratio Lower Upper
188 100
94 8.3 10.0 15.0#
80 8.5 11.2 16.8#

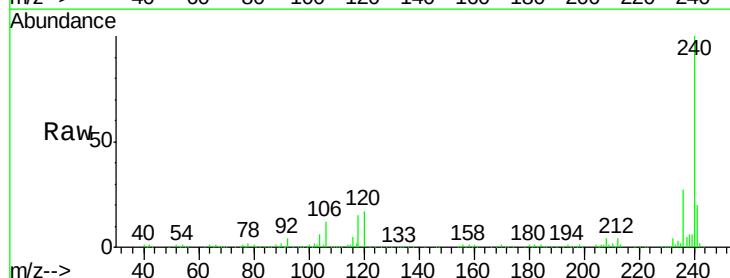


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

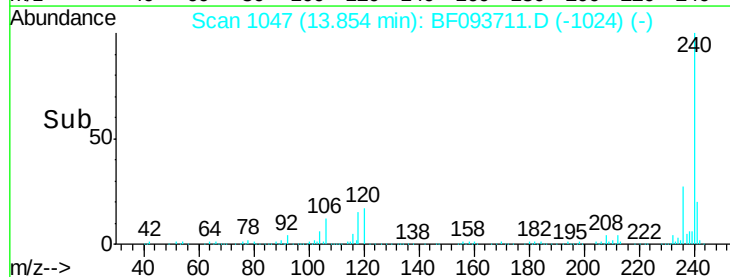
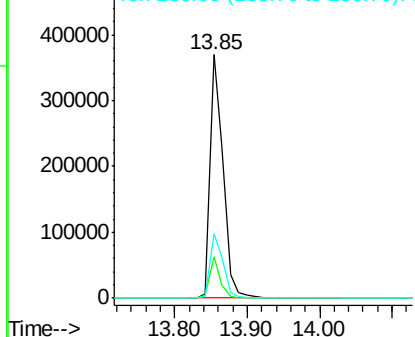


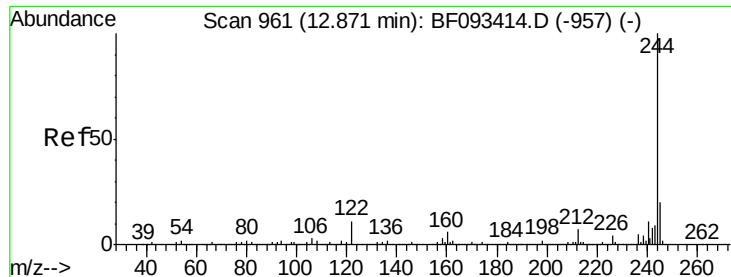
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BF093711.D
Acq: 16 Mar 2017 17:35

Tgt Ion:240 Resp: 456552
Ion Ratio Lower Upper
240 100
120 17.0 12.9 19.3
236 26.7 20.9 31.3



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: 78.27 ng

RT: 12.80 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF093711.D

Acq: 16 Mar 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB97641TB

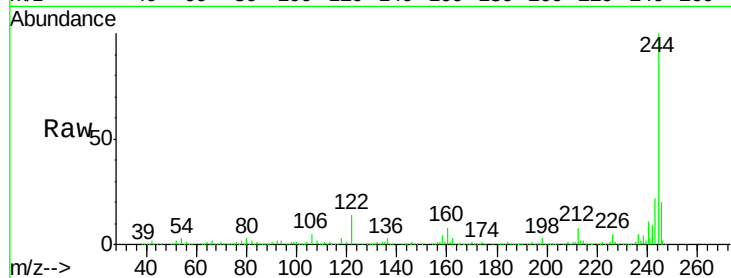
Tot Ion:244 Resp: 1374479

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

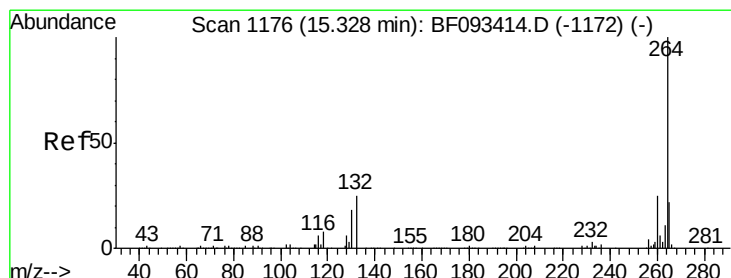
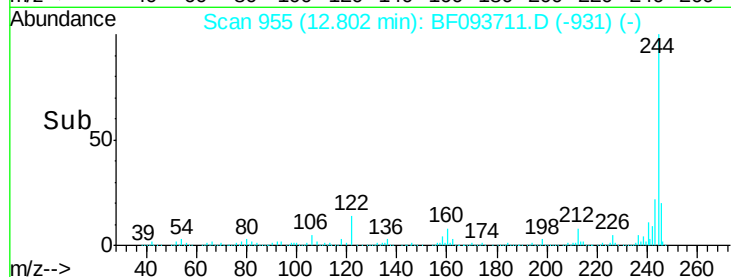
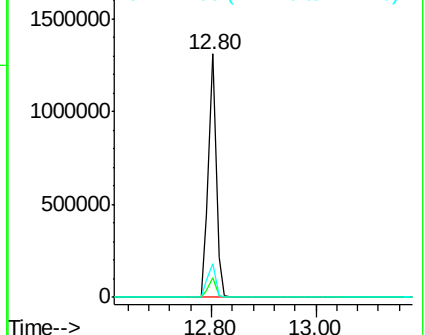
122 13.6 11.4 17.2



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: 15.26 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF093711.D

Acq: 16 Mar 2017 17:35

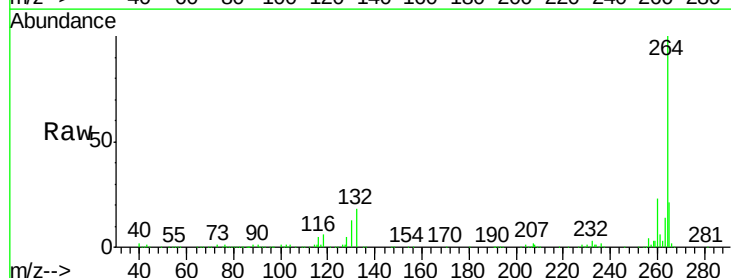
Tgt Ion:264 Resp: 335527

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.4 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

