

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093666.D
 Acq On : 15 Mar 2017 14:30
 Operator : SJ/MA
 Sample : PB97589BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97589BL

Quant Time: Mar 15 19:20:48 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	165067	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	683984	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	325623	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	627086	20.00	ng	0.00
75) Chrysene-d12	13.89	240	449369	20.00	ng	0.00
86) Perylene-d12	15.29	264	304670	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1463572	147.57	ng	-0.01
7) Phenol-d6	6.37	99	1820947	145.60	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1132991	91.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	297260	140.12	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1704415	97.36	ng	-0.01
78) Terphenyl-d14	12.84	244	1500147	86.79	ng	0.01

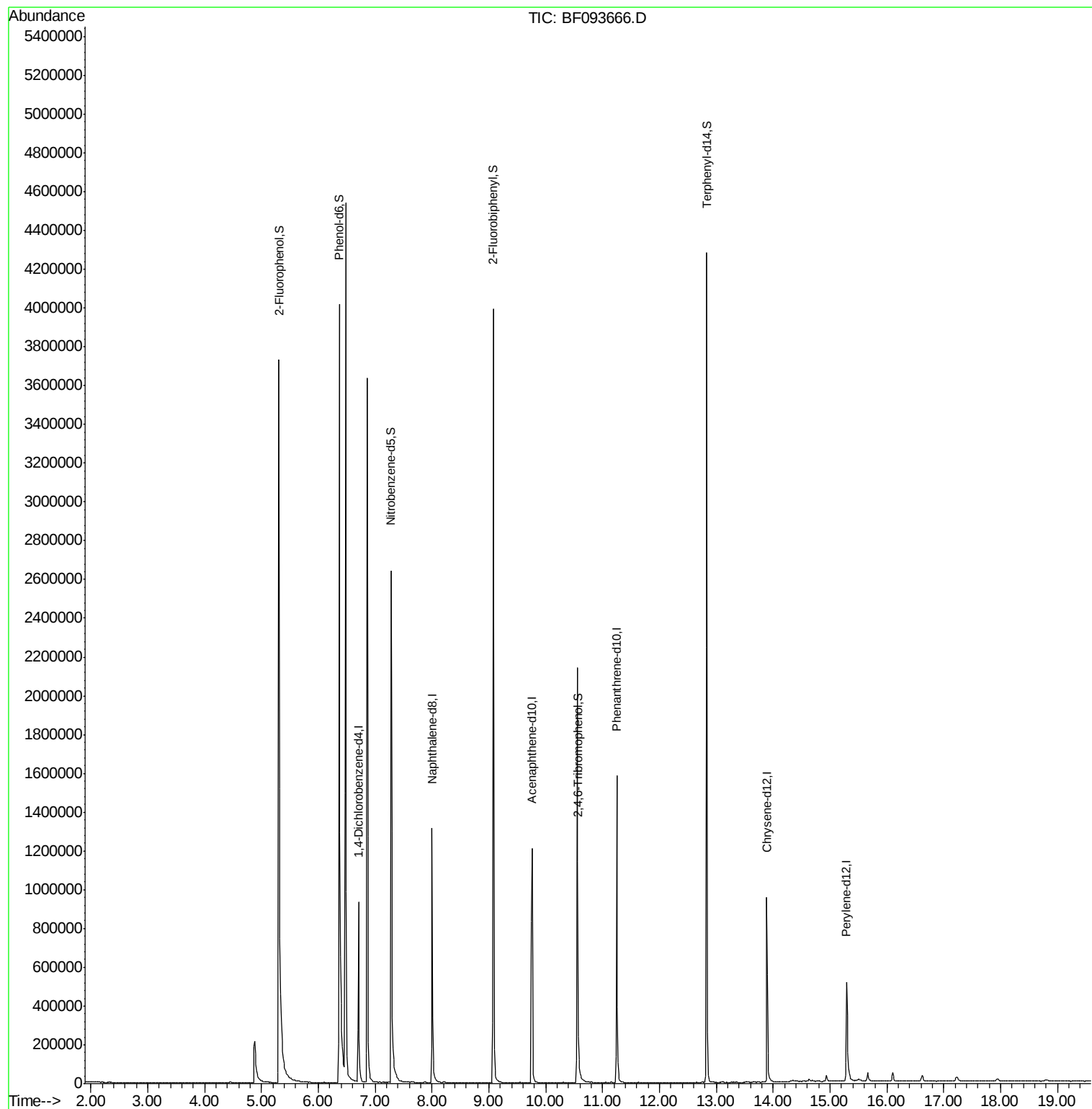
Target Compounds Qvalue

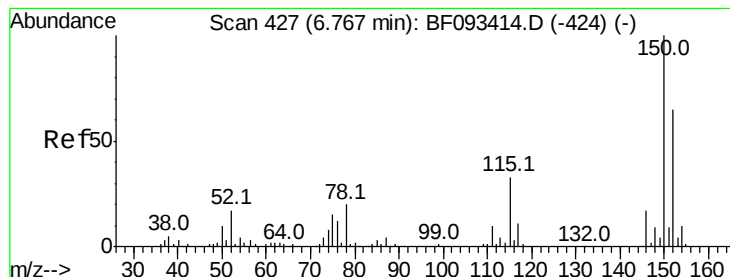
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093666.D

Acq: 15 Mar 2017 14:30

Instrument :

BNA_F

ClientSampleId :

PB97589BL

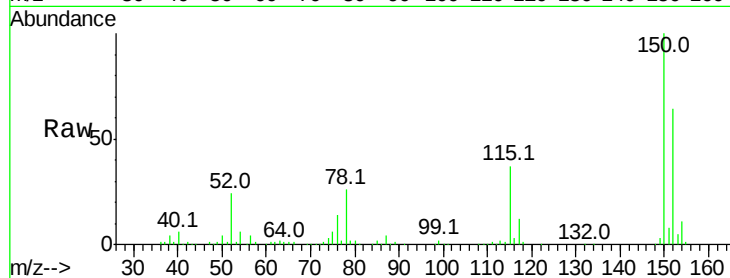
Tot Ion:152 Resp: 165067

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

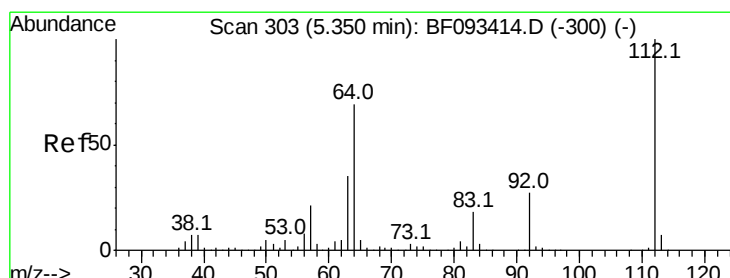
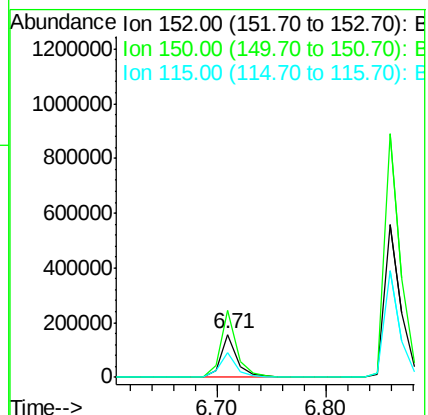
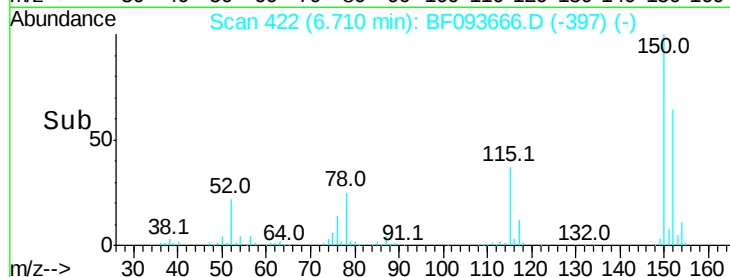
115 58.2 46.0 69.0



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: 147.57 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093666.D

Acq: 15 Mar 2017 14:30

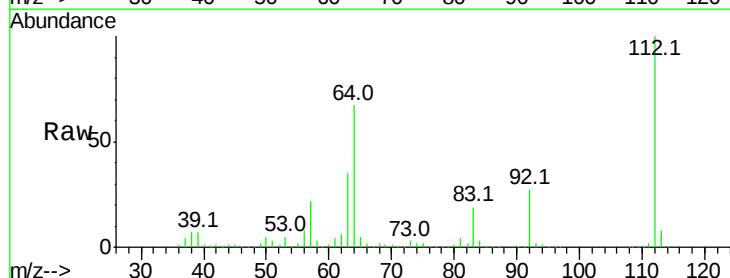
Tgt Ion:112 Resp: 1463572

Ion Ratio Lower Upper

112 100

64 67.0 46.1 69.1

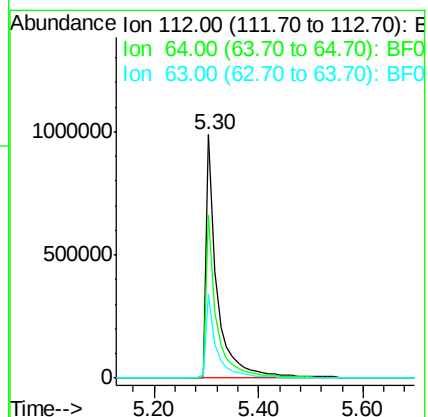
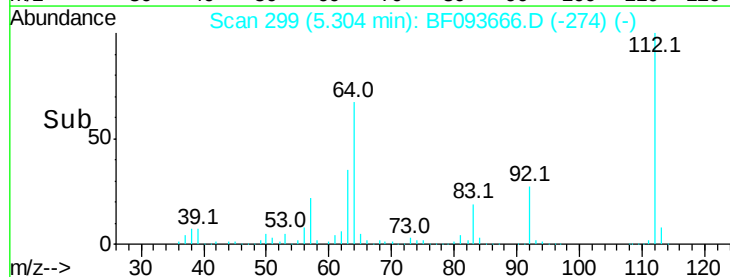
63 34.6 23.8 35.6

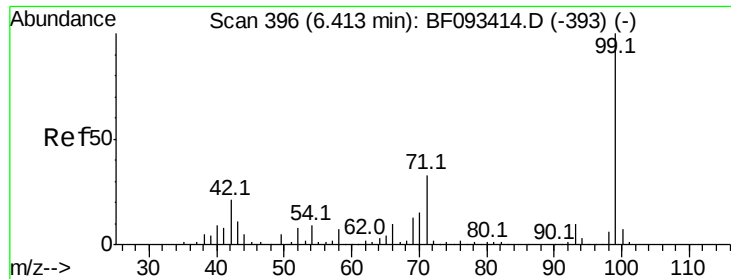


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.60 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093666.D

Acq: 15 Mar 2017 14:30

Instrument :

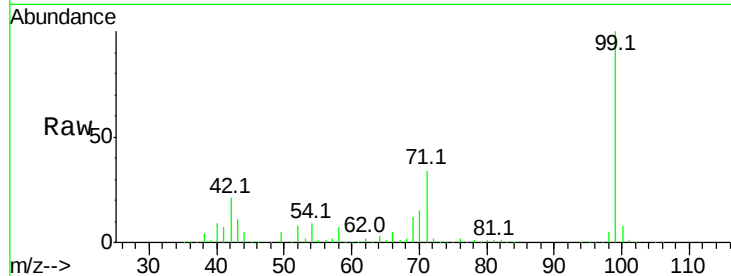
BNA_F

ClientSampleId :

PB97589BL

Tot Ion: 99 Resp: 1820947

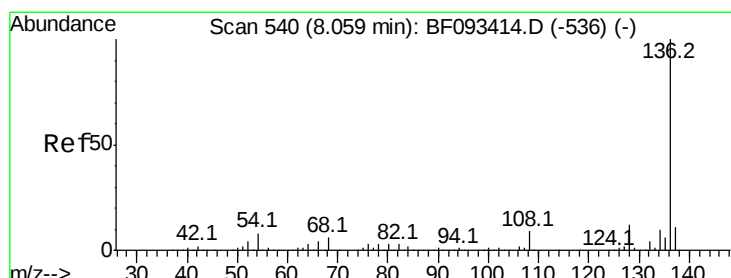
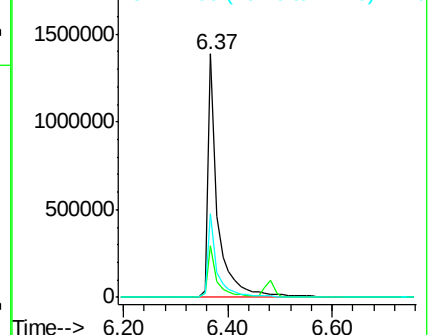
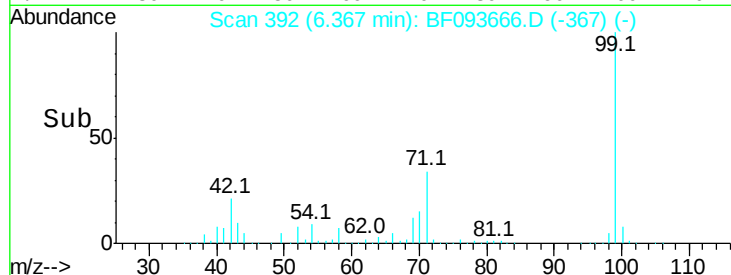
Ion	Ratio	Lower	Upper
99	100		
42	21.4	15.6	23.4
71	34.2	27.5	41.3



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

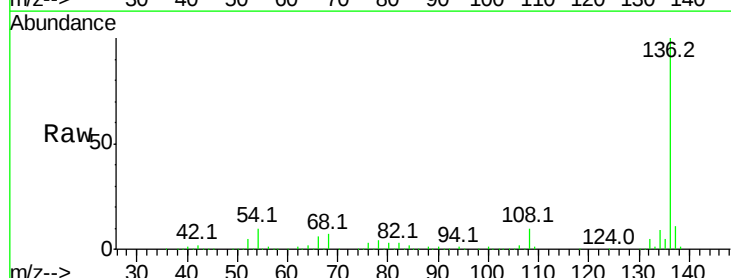
Delta R.T. -0.01 min

Lab File: BF093666.D

Acq: 15 Mar 2017 14:30

Tgt Ion: 136 Resp: 683984

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	9.7	4.5	6.7#
68	6.8	3.6	5.4#

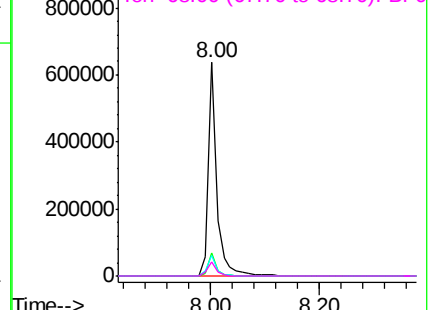
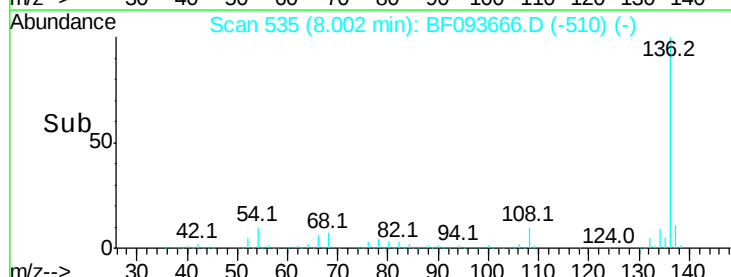


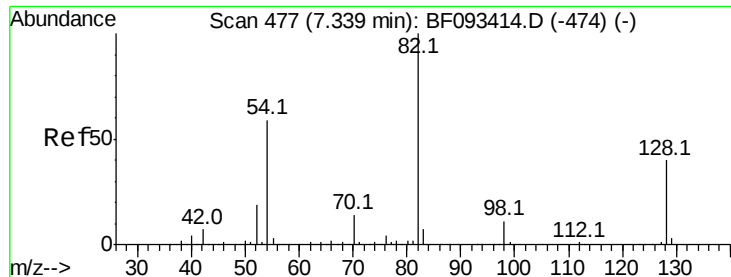
Abundance Ion 136.00 (135.70 to 136.70): E

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

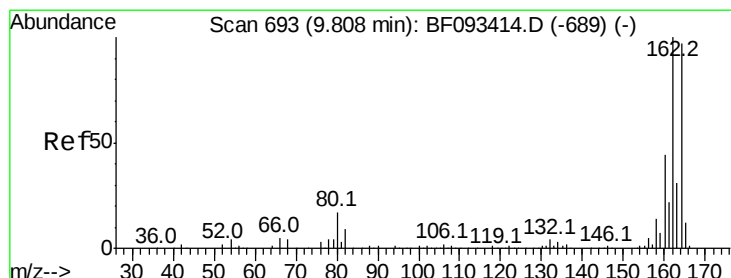
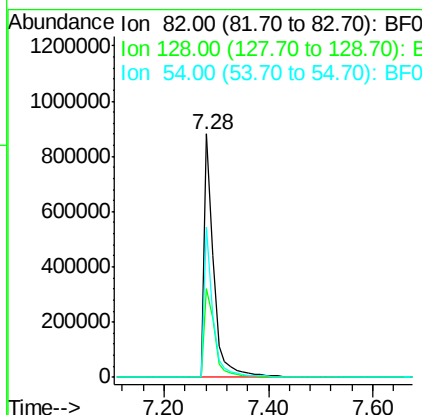
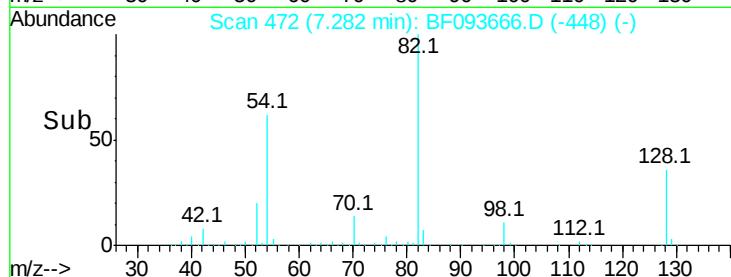
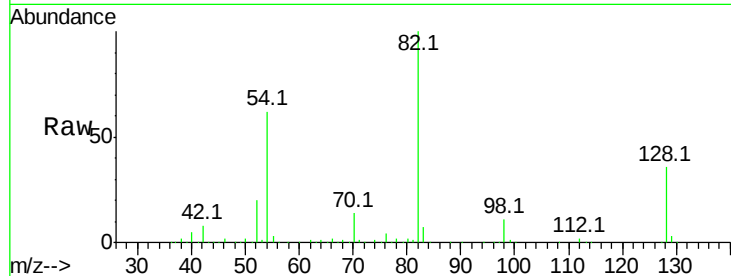




#23
 Nitrobenzene-d5
 Concen: 91.91 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093666.D
 Acq: 15 Mar 2017 14:30

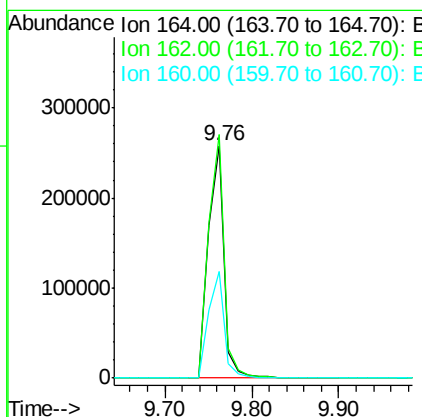
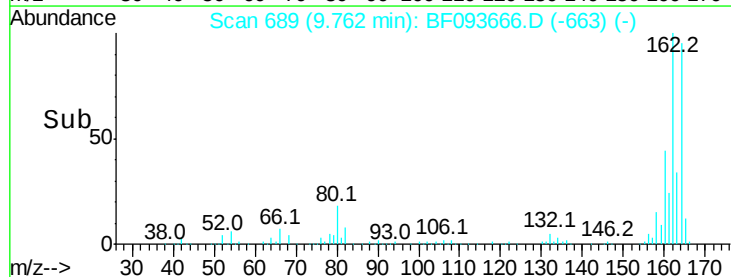
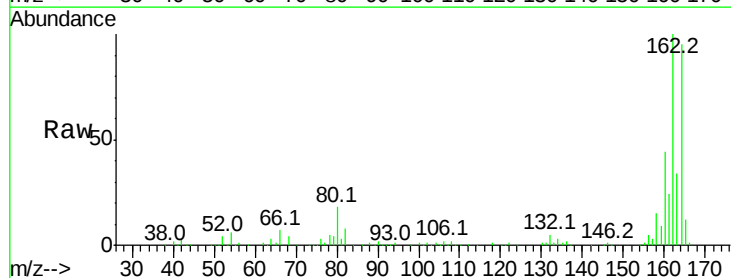
Instrument :
 BNA_F
 ClientSampleId :
 PB97589BL

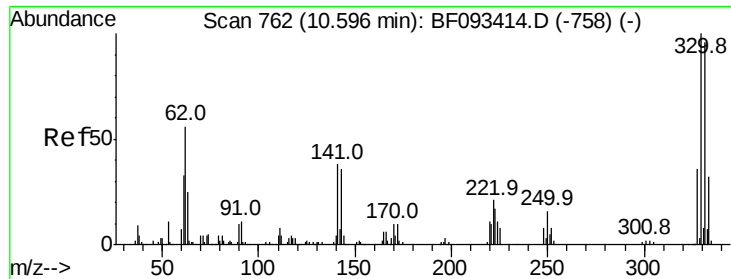
Tot Ion: 82 Resp: 1132991
 Ion Ratio Lower Upper
 82 100
 128 36.2 34.6 52.0
 54 61.8 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093666.D
 Acq: 15 Mar 2017 14:30

Tgt Ion:164 Resp: 325623
 Ion Ratio Lower Upper
 164 100
 162 104.9 80.2 120.2
 160 46.1 36.9 55.3

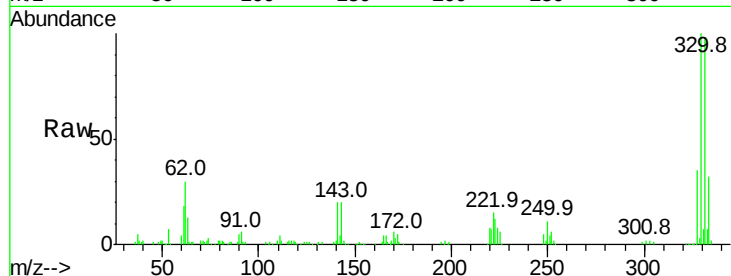




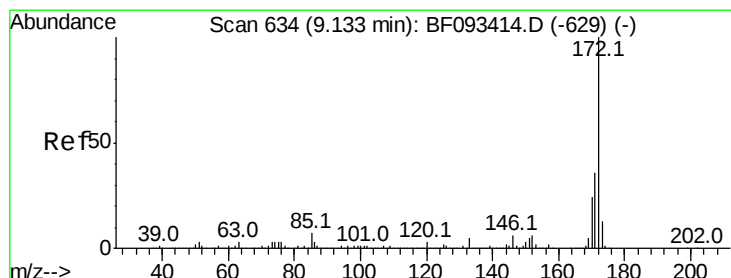
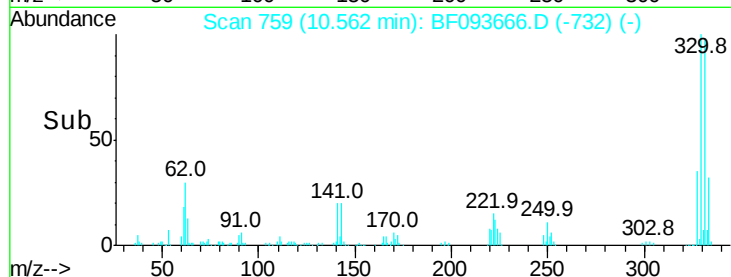
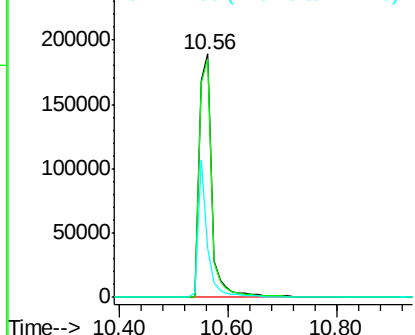
#41
 2,4,6-Tribromophenol
 Concen: 140.12 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093666.D
 Acq: 15 Mar 2017 14:30

Instrument :
 BNA_F
 ClientSampleId :
 PB97589BL

Tot Ion:330 Resp: 297260
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 41.4 34.1 51.1

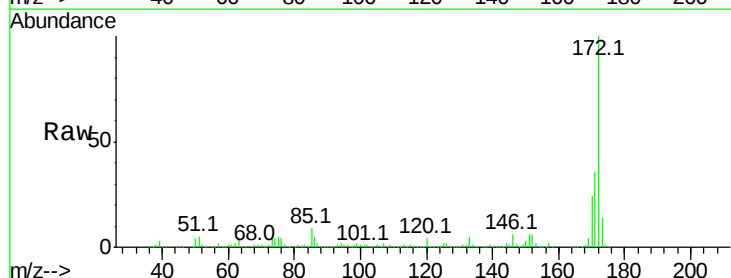


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

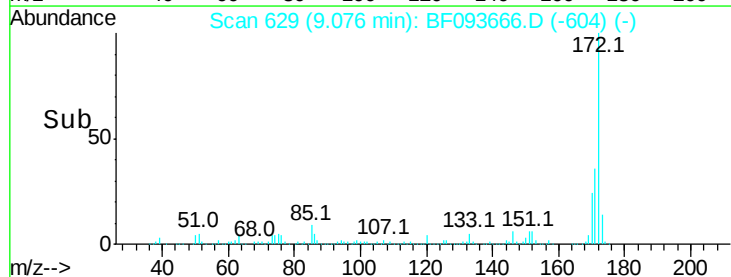
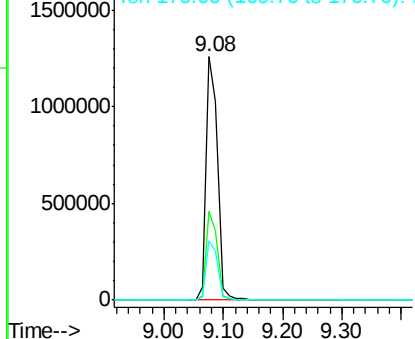


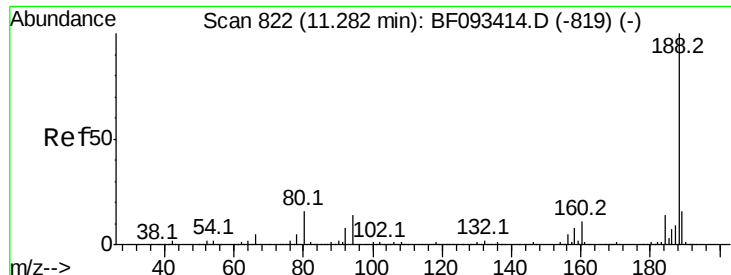
#44
 2-Fluorobiphenyl
 Concen: 97.36 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093666.D
 Acq: 15 Mar 2017 14:30

Tgt Ion:172 Resp: 1704415
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

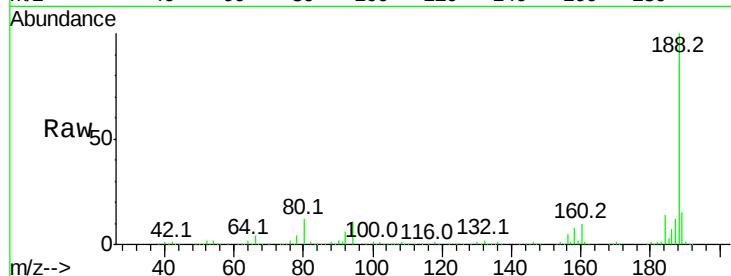




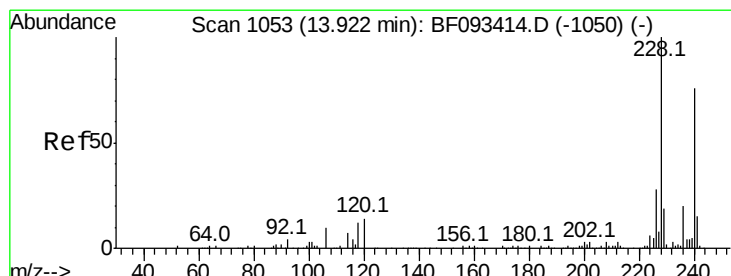
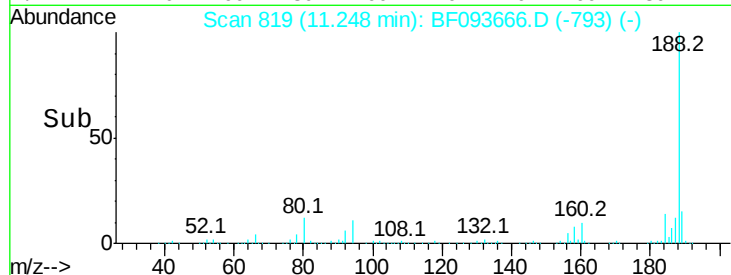
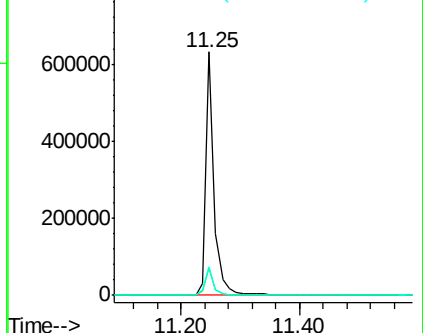
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093666.D
Acq: 15 Mar 2017 14:30

Instrument :
BNA_F
ClientSampleId :
PB97589BL

Tot Ion:188 Resp: 627086
Ion Ratio Lower Upper
188 100
94 11.0 10.0 15.0
80 11.7 11.2 16.8

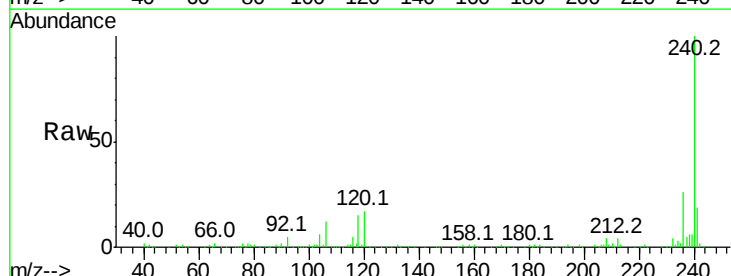


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

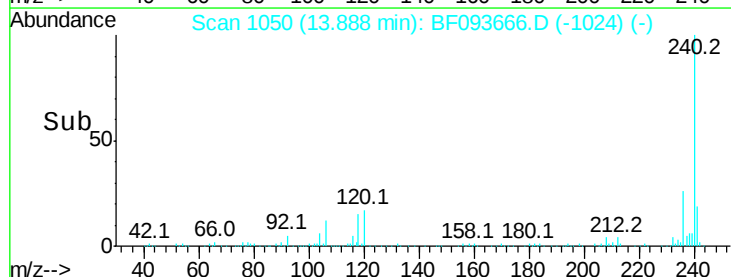
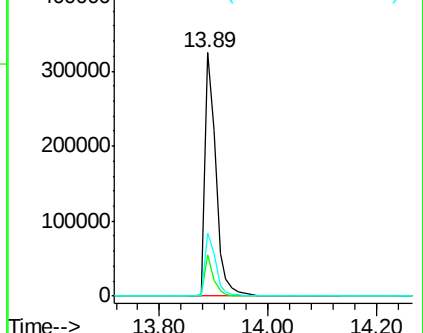


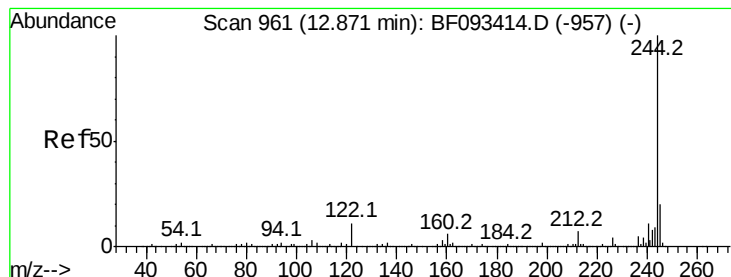
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF093666.D
Acq: 15 Mar 2017 14:30

Tgt Ion:240 Resp: 449369
Ion Ratio Lower Upper
240 100
120 17.2 12.9 19.3
236 25.9 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: 86.79 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093666.D

Acq: 15 Mar 2017 14:30

Instrument :

BNA_F

ClientSampleId :

PB97589BL

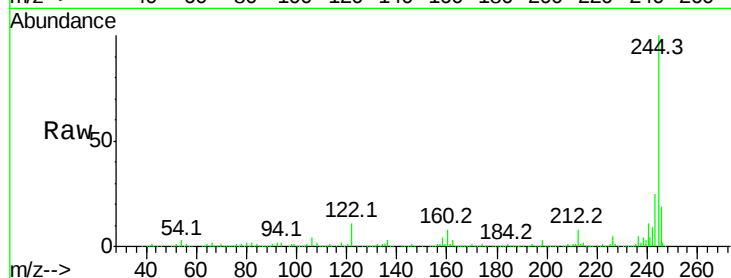
Tot Ion:244 Resp: 1500147

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

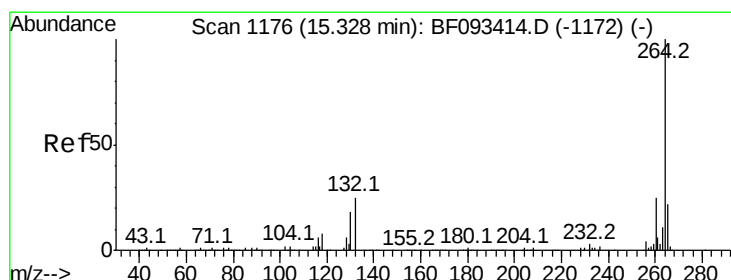
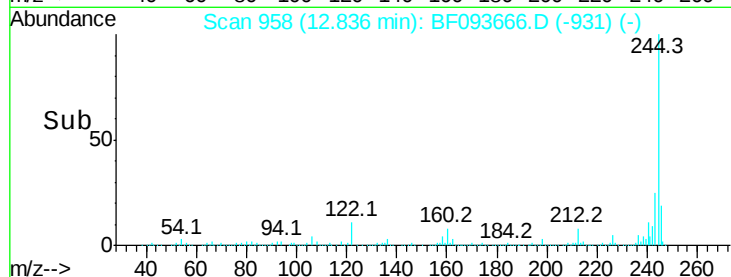
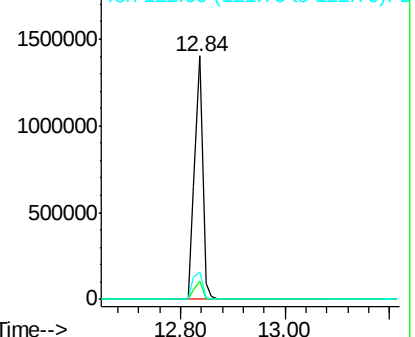
122 11.4 11.4 17.2



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: 15.29 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF093666.D

Acq: 15 Mar 2017 14:30

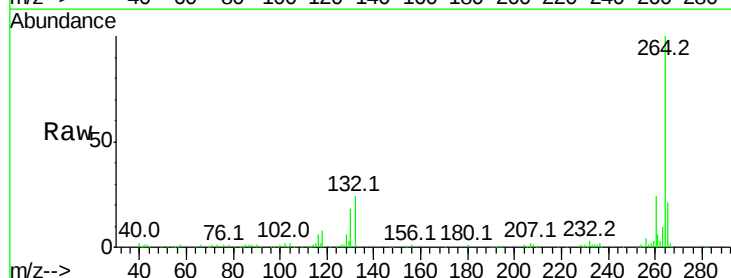
Tgt Ion:264 Resp: 304670

Ion Ratio Lower Upper

264 100

260 24.3 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

