

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093324.D
 Acq On : 2 Mar 2017 16:51
 Operator : SJ/MA
 Sample : PB97286BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BL

Quant Time: Mar 03 00:47:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	179153	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	725298	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	345646	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	644231	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	588260	20.00	ng	-0.01
86) Perylene-d12	15.39	264	438138	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1418958	135.88	ng	0.01
7) Phenol-d6	6.44	99	1730430	128.79	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1072114	82.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	312469	124.99	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1783302	93.47	ng	0.00
78) Terphenyl-d14	12.92	244	1526633	60.98	ng	0.00

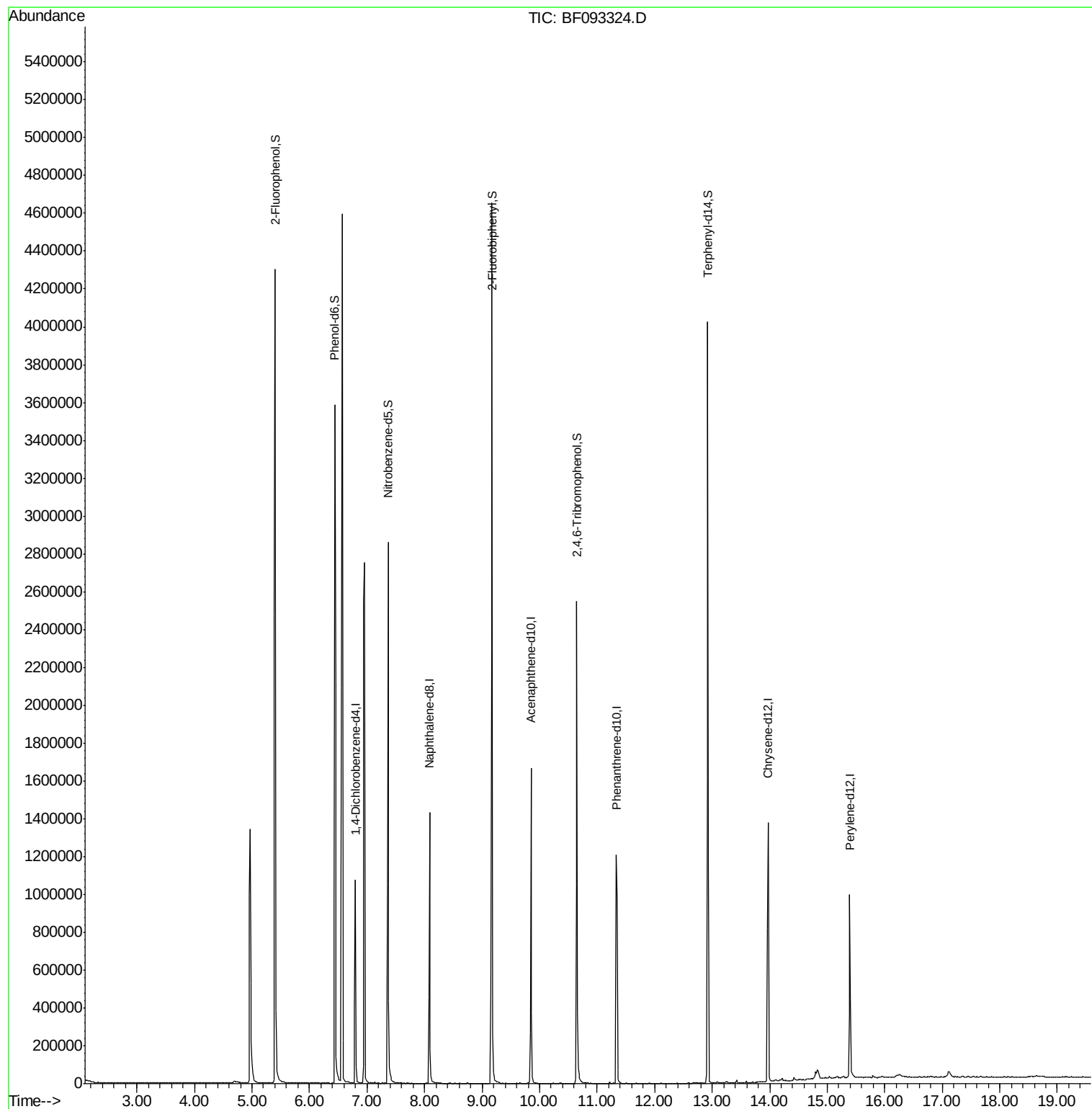
Target Compounds Qvalue

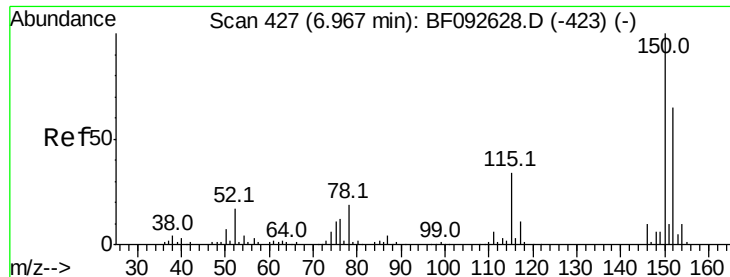
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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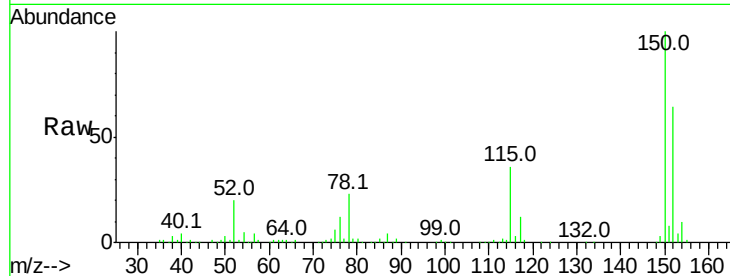


#1

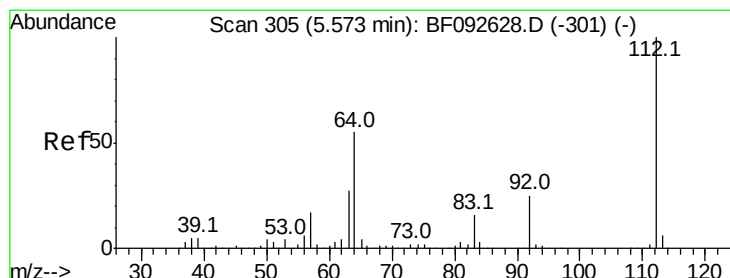
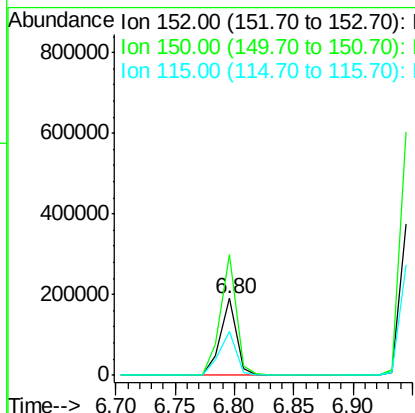
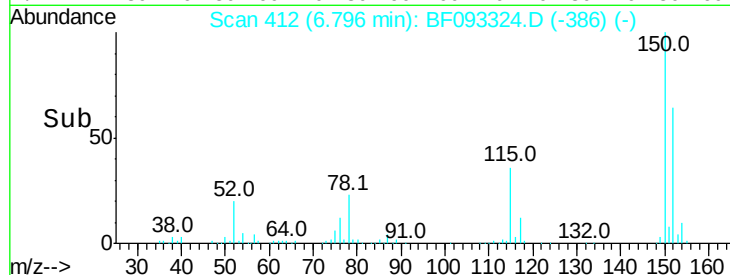
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

Instrument :
BNA_F
ClientSampleId :
PB97286BL

Tot Ion:152 Resp: 179153
Ion Ratio Lower Upper
152 100
150 156.5 124.9 187.3
115 56.6 46.0 69.0



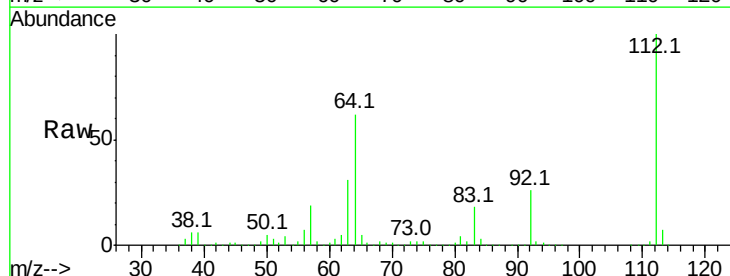
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



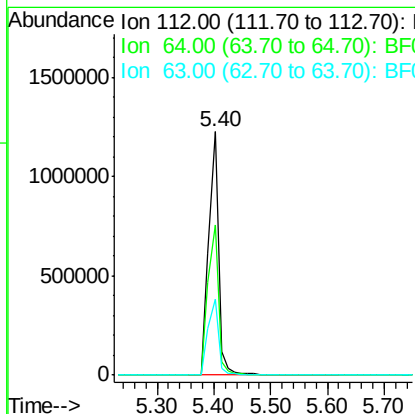
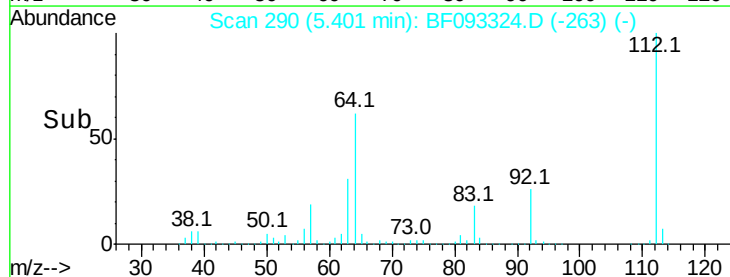
#5

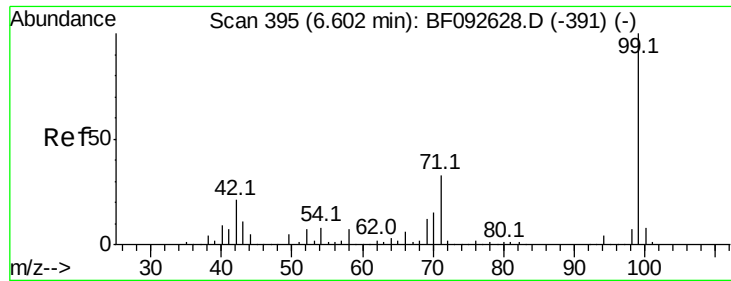
2-Fluorophenol
Concen: 135.88 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

Tgt Ion:112 Resp: 1418958
Ion Ratio Lower Upper
112 100
64 61.6 46.1 69.1
63 31.3 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: 128.79 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Instrument :

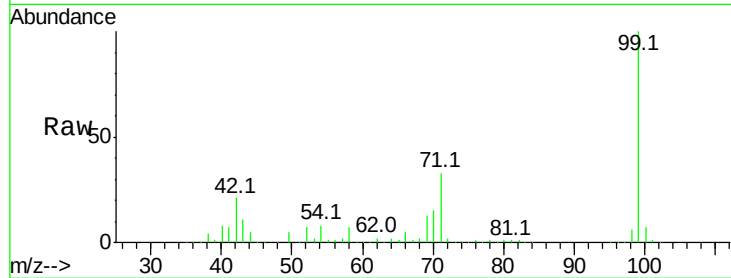
BNA_F

ClientSampleId :

PB97286BL

Tot Ion: 99 Resp: 1730430

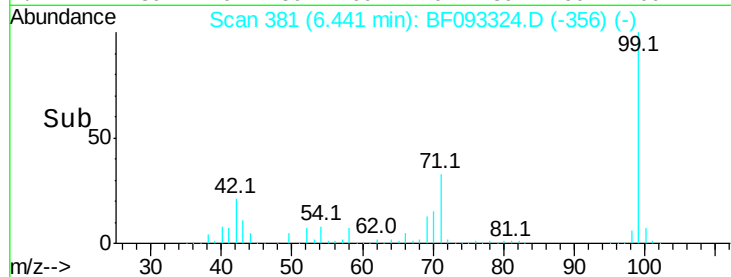
Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.6	23.4
71	33.4	27.5	41.3



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: 8.09 min Scan# 525

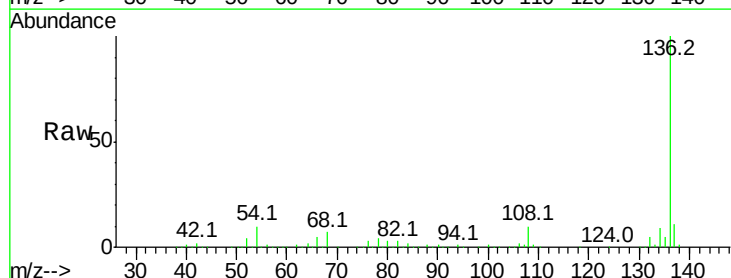
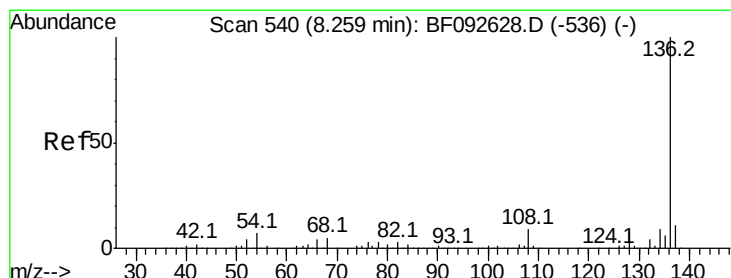
Delta R.T. -0.00 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Tgt Ion:136 Resp: 725298

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	9.6	4.5	6.7#
68	6.7	3.6	5.4#

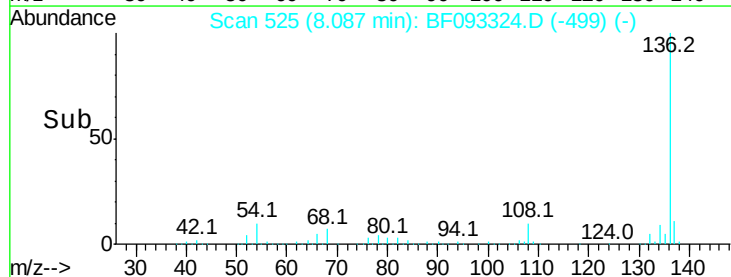


Abundance Ion 136.00 (135.70 to 136.70): E

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

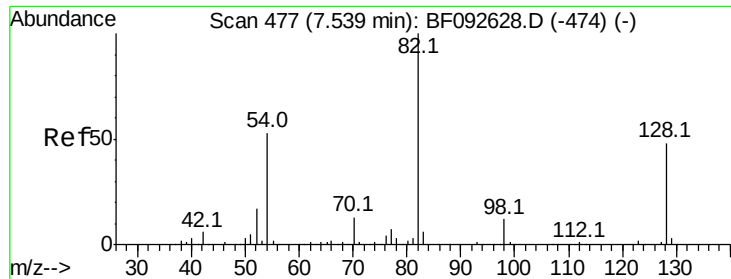


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

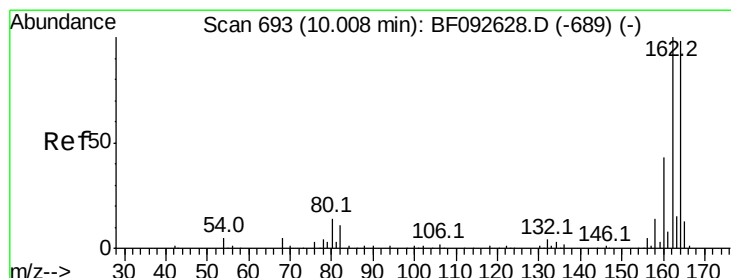
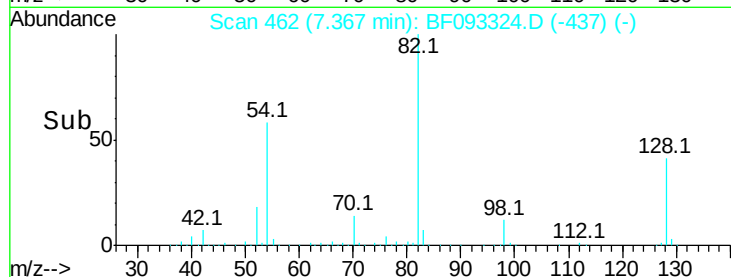
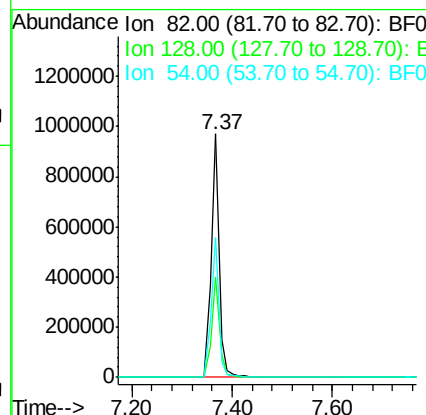
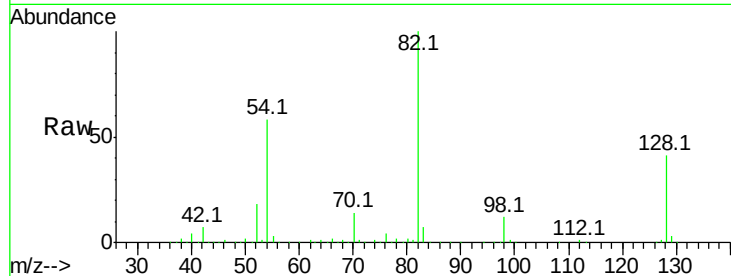
Ion 68.00 (67.70 to 68.70): BF0



#23
 Nitrobenzene-d5
 Concen: 82.32 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF093324.D
 Acq: 2 Mar 2017 16:51

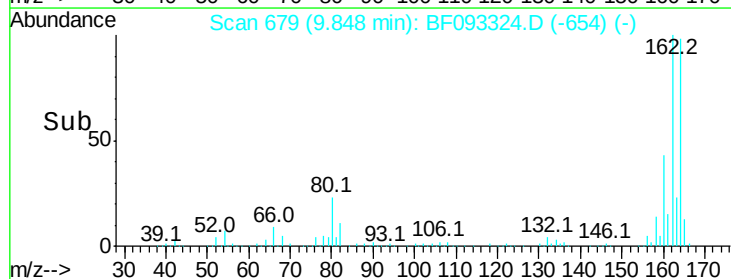
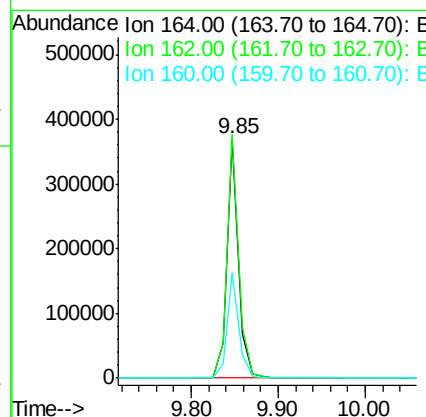
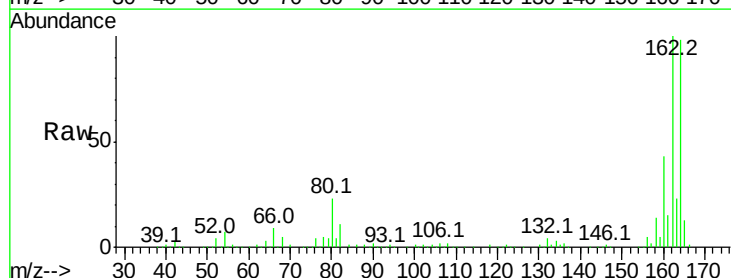
Instrument :
 BNA_F
 ClientSampleId :
 PB97286BL

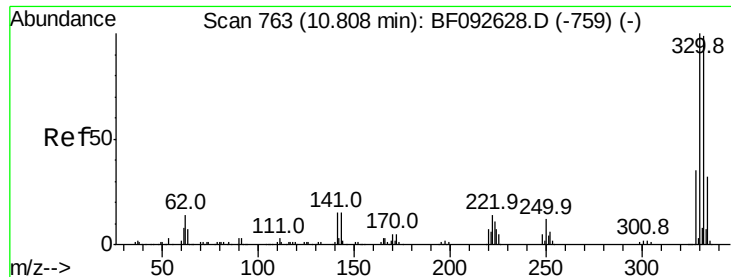
Tot Ion: 82 Resp: 1072114
 Ion Ratio Lower Upper
 82 100
 128 41.0 34.6 52.0
 54 57.7 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF093324.D
 Acq: 2 Mar 2017 16:51

Tgt Ion: 164 Resp: 345646
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.2 120.2
 160 44.4 36.9 55.3

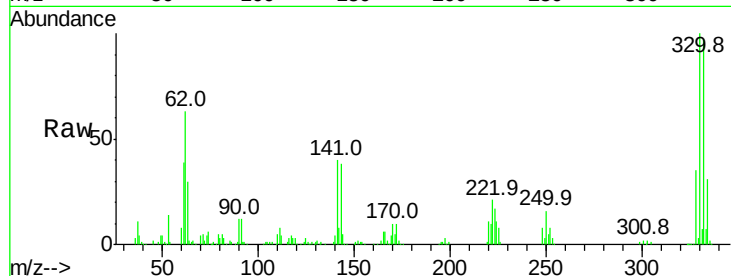




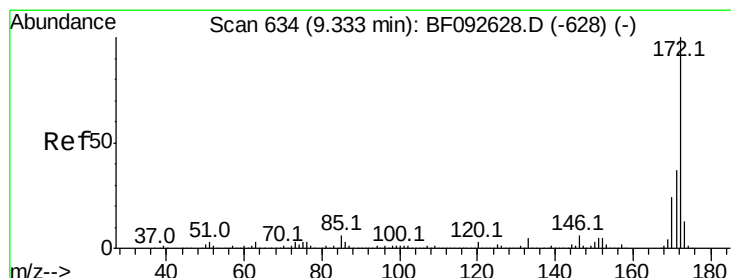
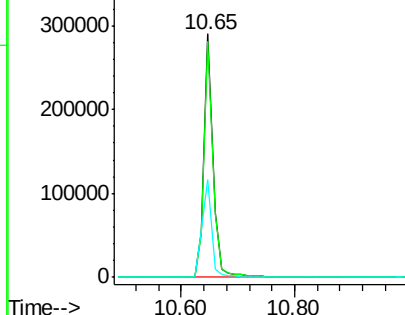
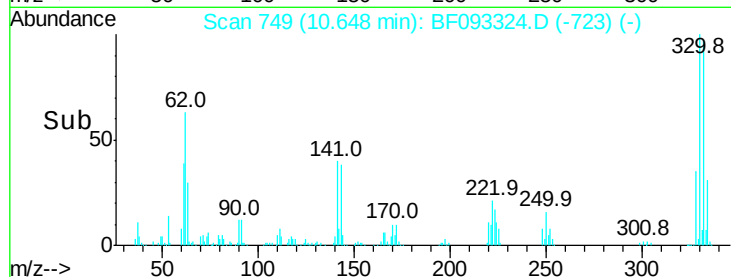
#41
 2,4,6-Tribromophenol
 Concen: 124.99 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF093324.D
 Acq: 2 Mar 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	42.5	34.1	51.1

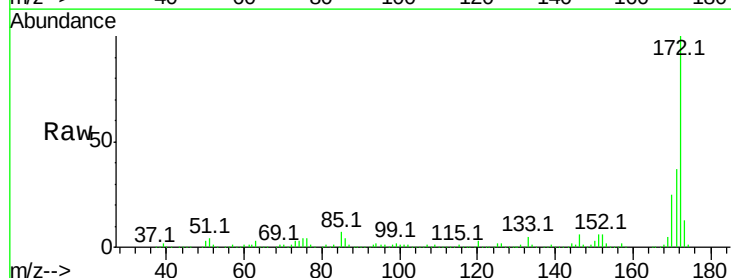


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

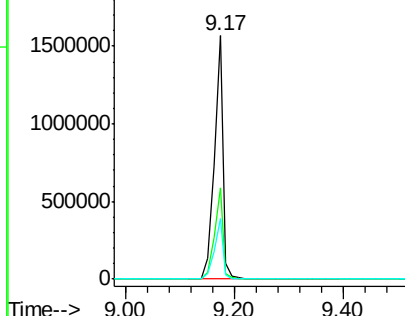
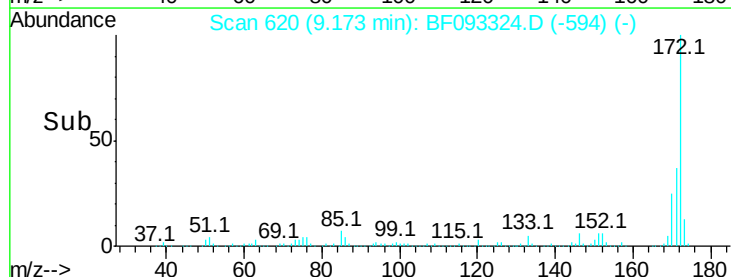


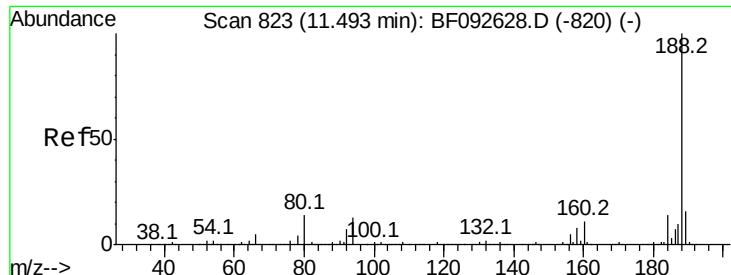
#44
 2-Fluorobiphenyl
 Concen: 93.47 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093324.D
 Acq: 2 Mar 2017 16:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	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

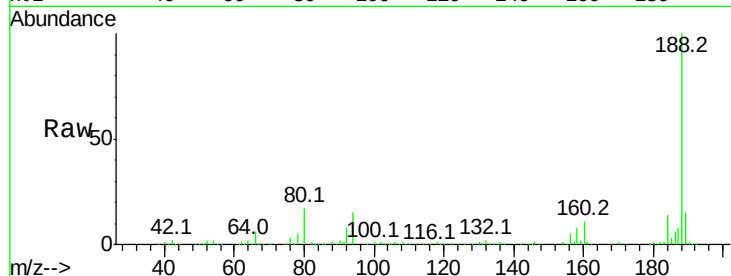




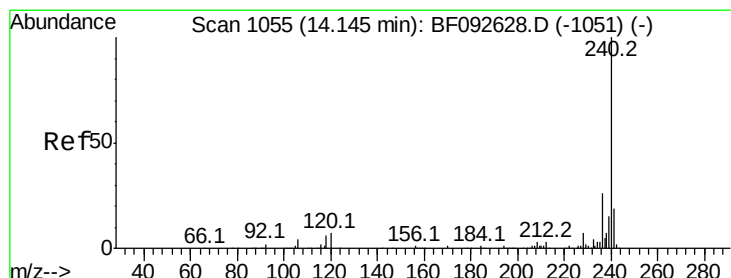
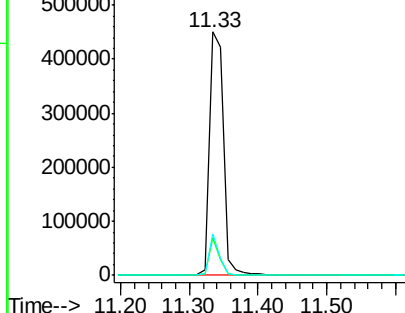
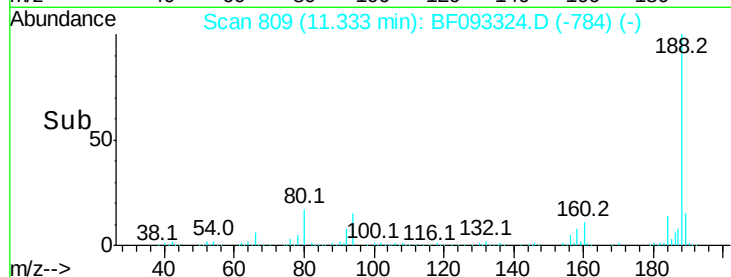
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

Instrument :
BNA_F
ClientSampleId :
PB97286BL

Tot Ion:188 Resp: 644231
Ion Ratio Lower Upper
188 100
94 15.4 10.0 15.0#
80 16.9 11.2 16.8#

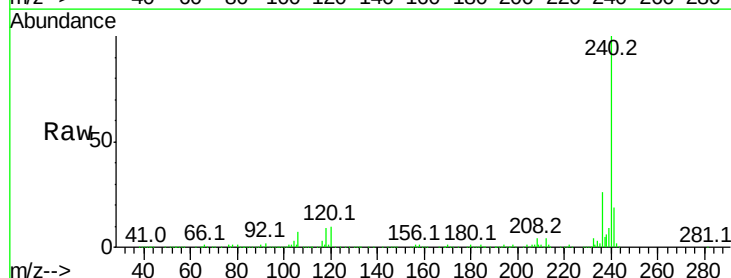


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

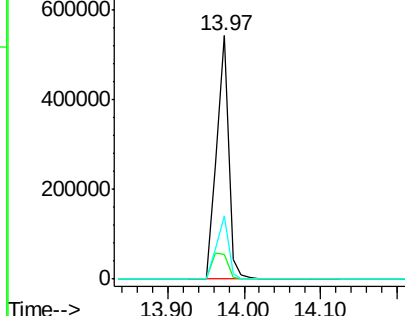
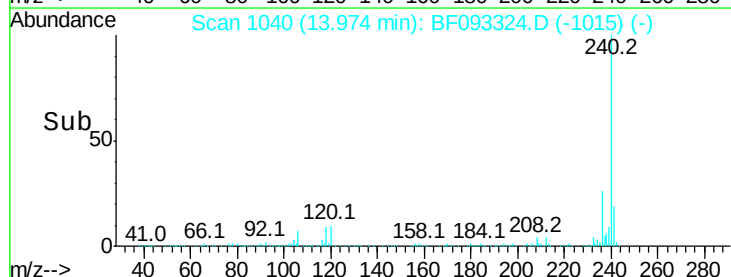


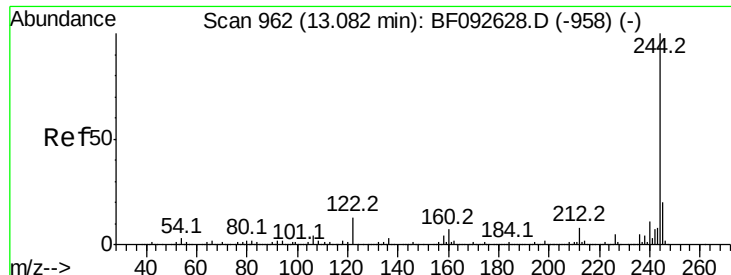
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

Tgt Ion:240 Resp: 588260
Ion Ratio Lower Upper
240 100
120 9.9 12.9 19.3#
236 26.0 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: 60.98 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97286BL

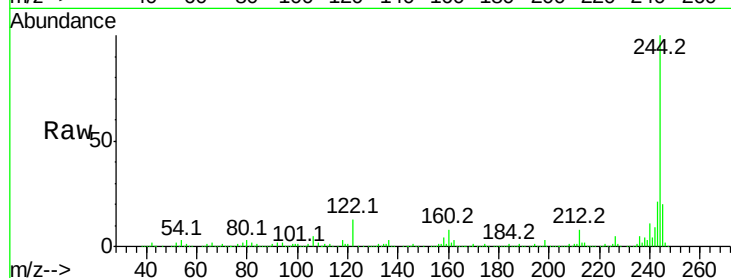
Tot Ion:244 Resp: 1526633

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

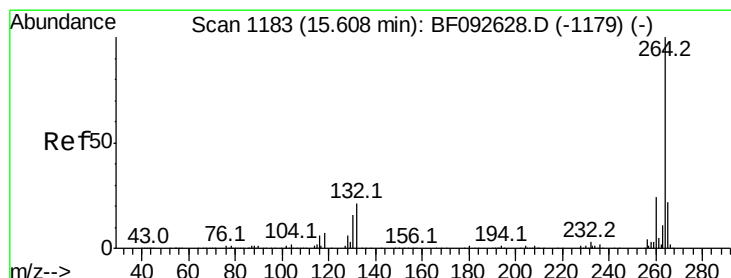
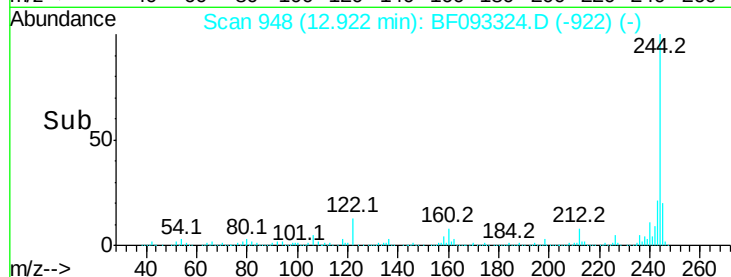
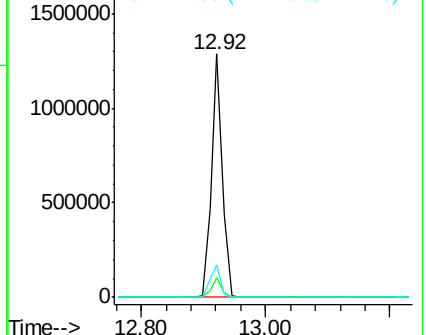
122 13.2 11.4 17.2



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: 15.39 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

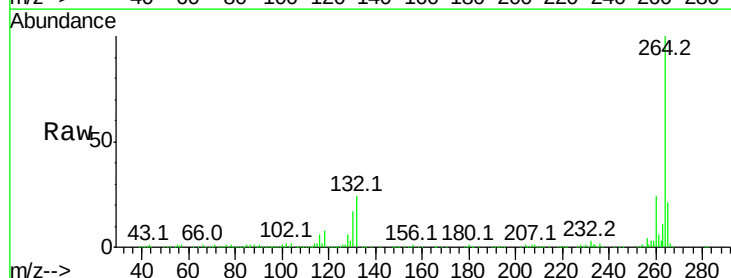
Tgt Ion:264 Resp: 438138

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.5 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

