

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093070.D
 Acq On : 21 Feb 2017 12:14
 Operator : SJ/MA
 Sample : I1906-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 021617-PRRT-E-D-M

Quant Time: Feb 21 13:36:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	162489	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	582513	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	278923	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	464359	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	310270	20.00	ng	-0.01
86) Perylene-d12	15.44	264	297695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	61896	6.54	ng	-0.01
7) Phenol-d6	6.48	99	50652	4.16	ng	-0.01
23) Nitrobenzene-d5	7.41	82	181087	17.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	33031	16.37	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	333741	21.68	ng	0.00
78) Terphenyl-d14	12.96	244	249219	18.87	ng	-0.01

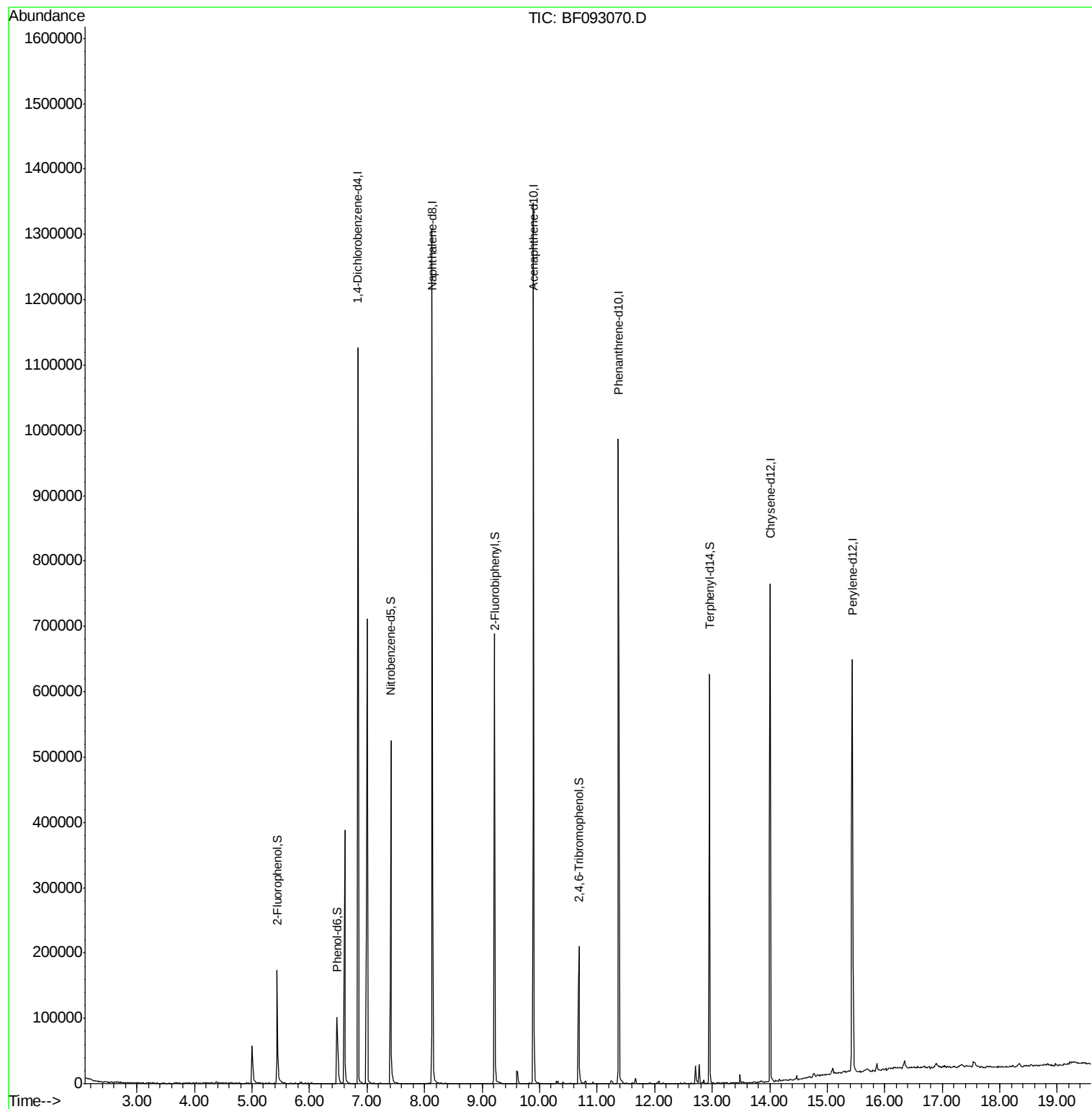
Target Compounds Qvalue

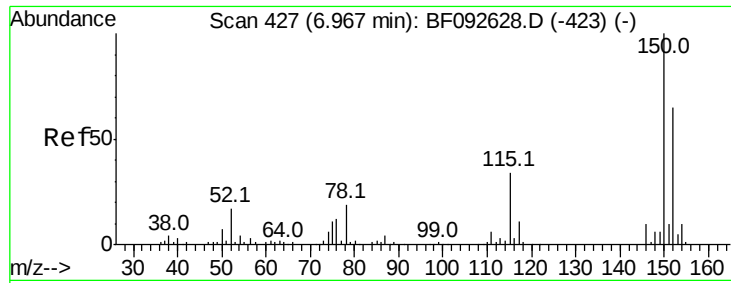
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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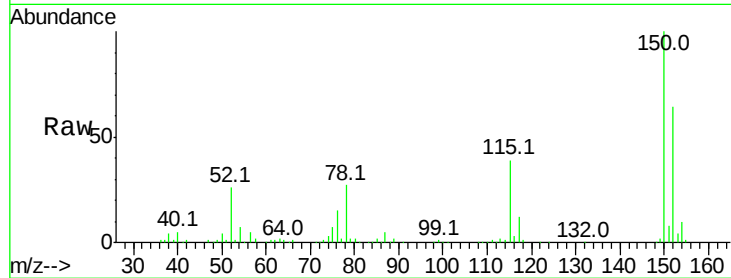


#1

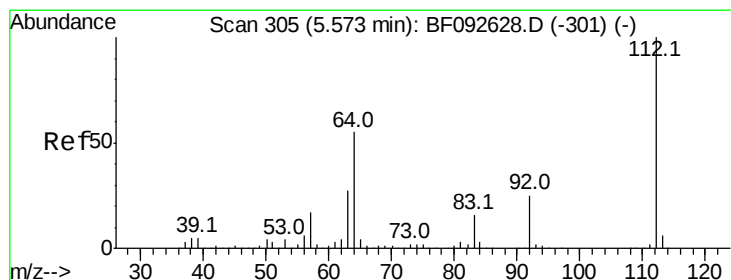
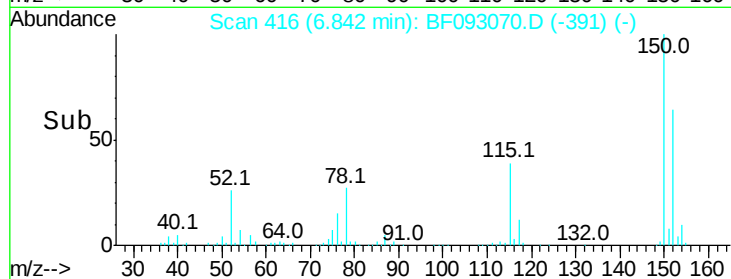
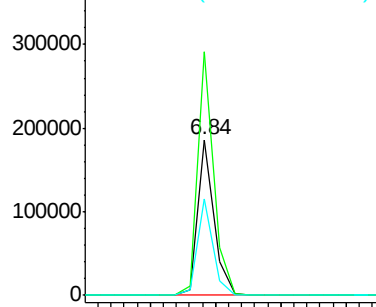
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF093070.D
 Acq: 21 Feb 2017 12:14

Instrument :
 BNA_F
 ClientSampleId :
 021617-PRRT-E-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.9	187.3
115	61.7	46.0	69.0



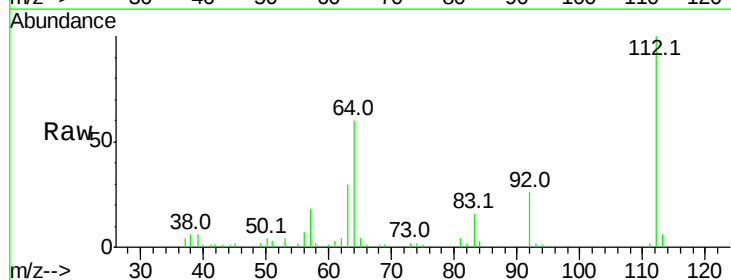
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



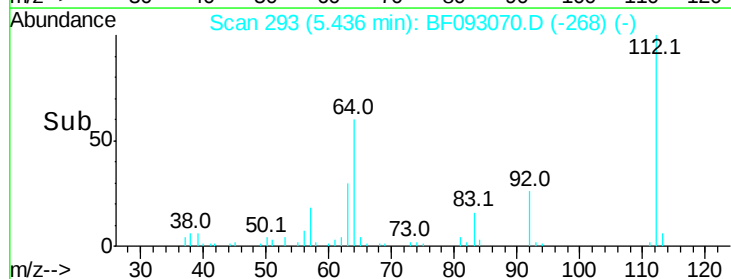
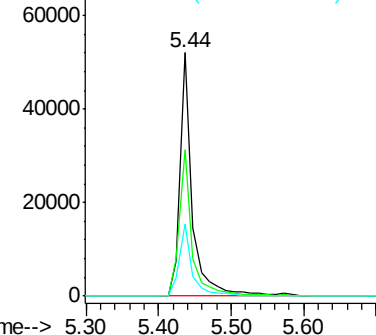
#5

2-Fluorophenol
 Concen: 6.54 ng
 RT: 5.44 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BF093070.D
 Acq: 21 Feb 2017 12:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	46.1	69.1
63	29.5	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: 4.16 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093070.D

Acq: 21 Feb 2017 12:14

Instrument :

BNA_F

ClientSampleId :

021617-PRRT-E-D-M

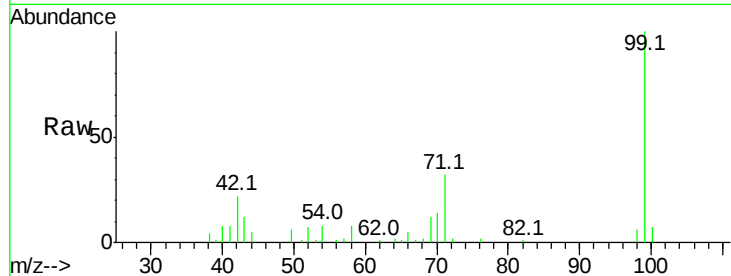
Tot Ion: 99 Resp: 50652

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

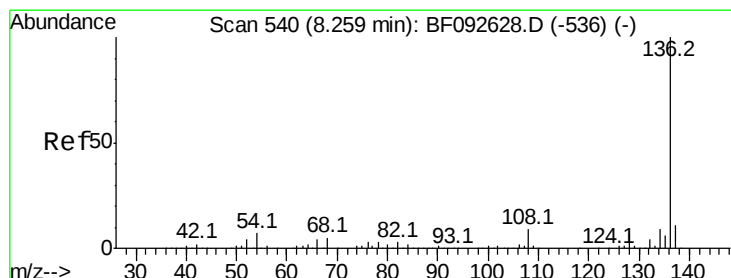
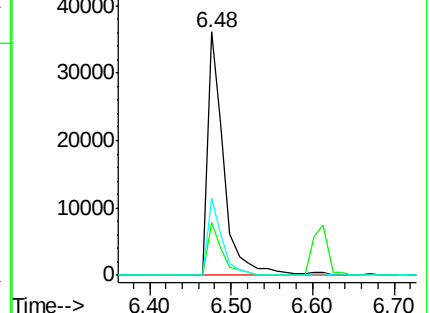
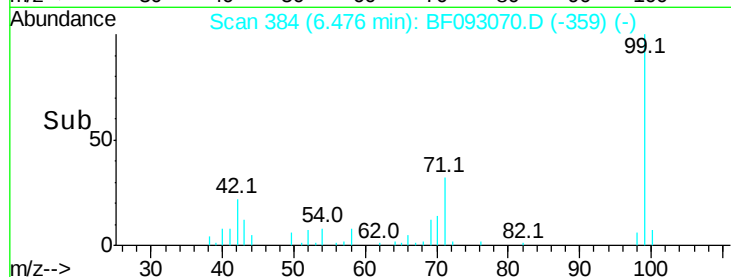
71 31.6 27.5 41.3



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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093070.D

Acq: 21 Feb 2017 12:14

Tgt Ion: 136 Resp: 582513

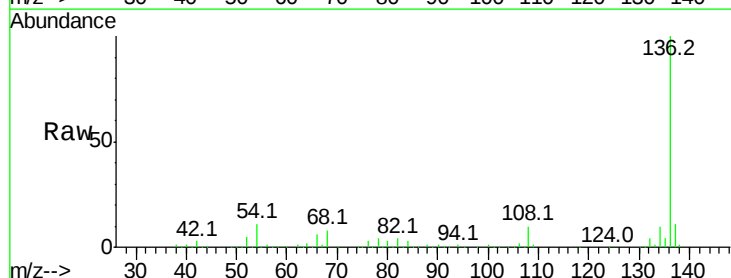
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 11.5 4.5 6.7#

68 8.2 3.6 5.4#

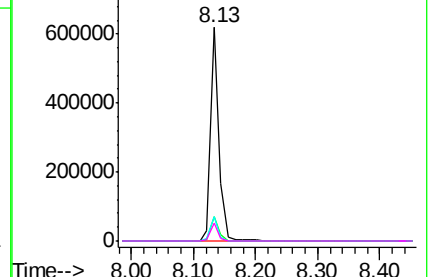
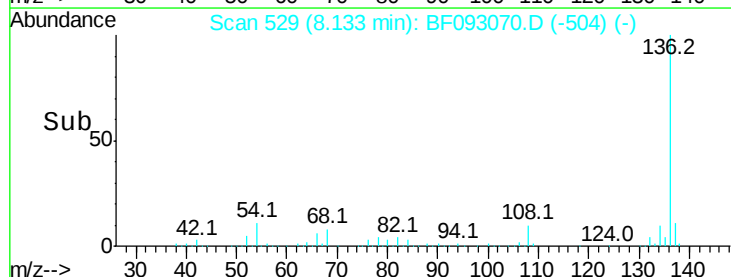


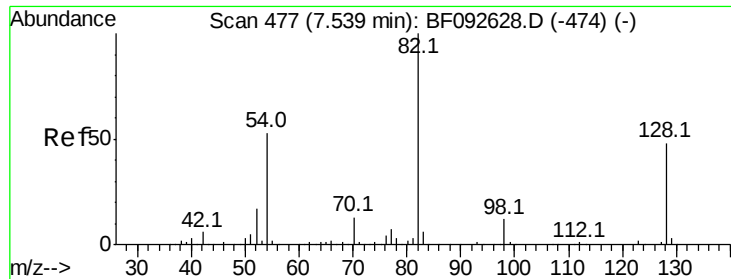
Abundance Ion 136.00 (135.70 to 136.70): E

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

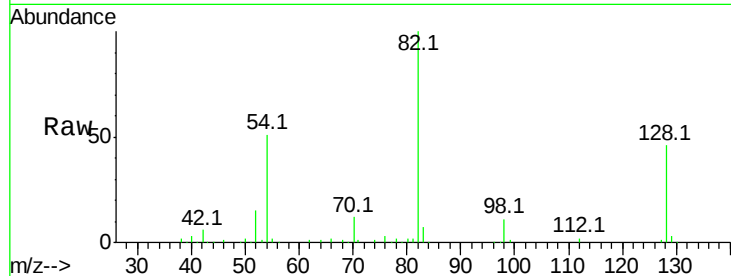




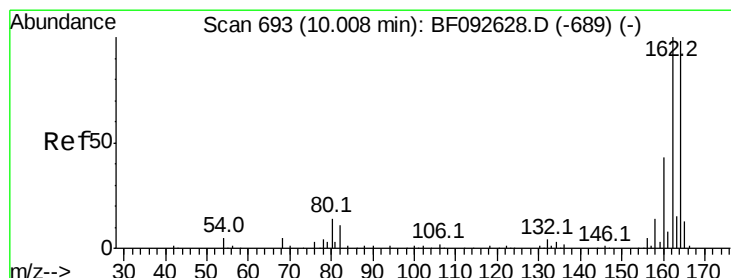
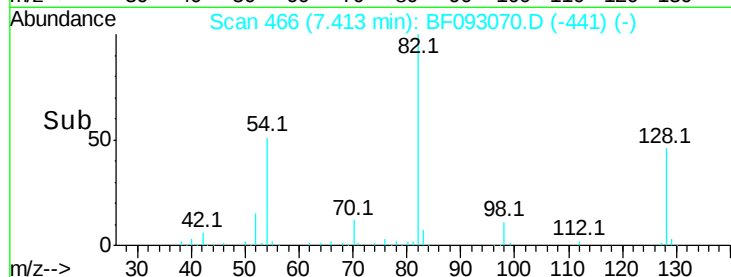
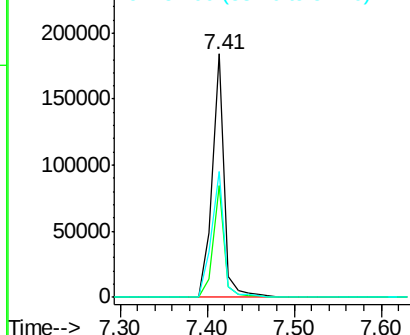
#23
 Nitrobenzene-d5
 Concen: 17.31 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093070.D
 Acq: 21 Feb 2017 12:14

Instrument :
 BNA_F
 ClientSampleId :
 021617-PRRT-E-D-M

Tot Ion: 82 Resp: 181087
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.6 52.0
 54 51.5 39.5 59.3

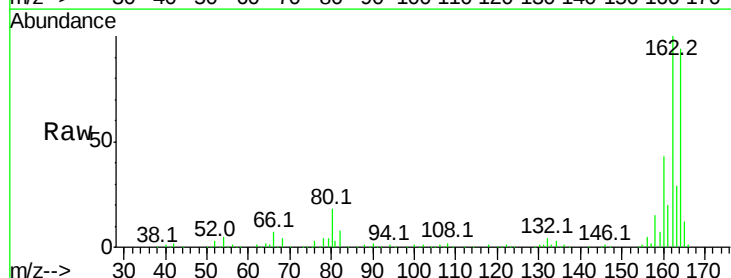


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

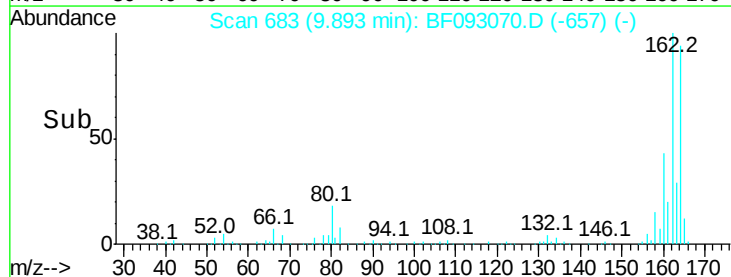
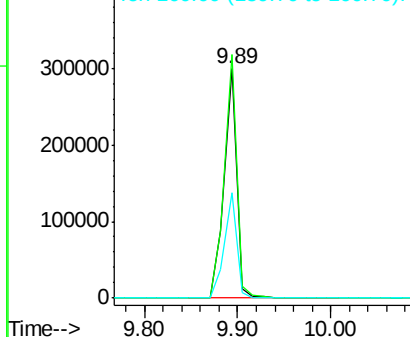


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF093070.D
 Acq: 21 Feb 2017 12:14

Tgt Ion:164 Resp: 278923
 Ion Ratio Lower Upper
 164 100
 162 106.4 80.2 120.2
 160 45.8 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

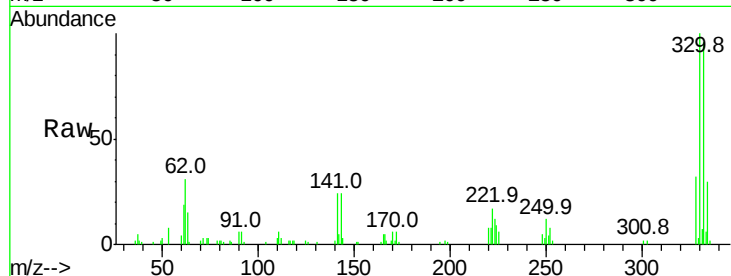




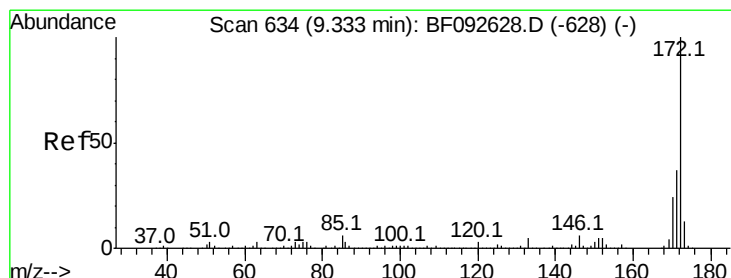
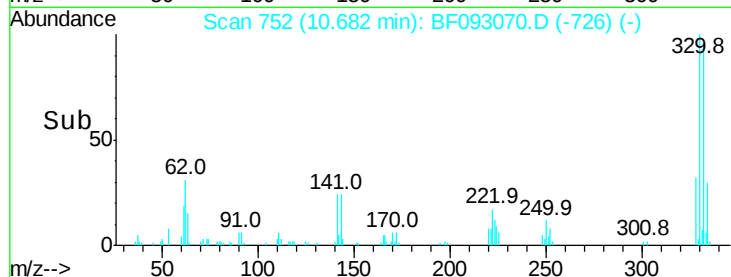
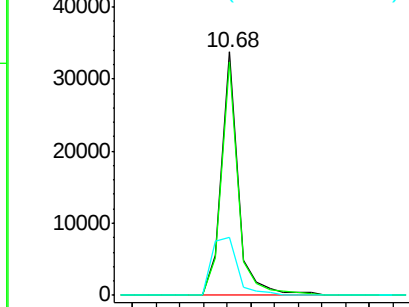
#41
 2,4,6-Tribromophenol
 Concen: 16.37 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093070.D
 Acq: 21 Feb 2017 12:14

Instrument :
 BNA_F
 ClientSampleId :
 021617-PRRT-E-D-M

Tot Ion:330 Resp: 33031
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 36.4 34.1 51.1

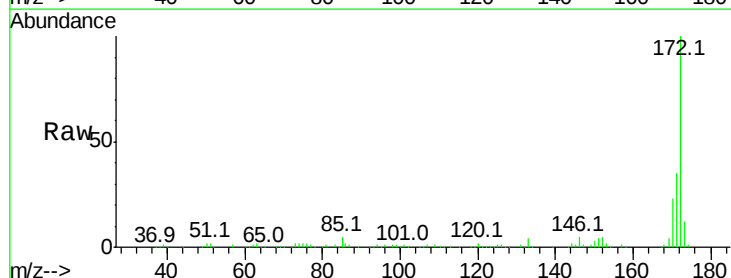


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

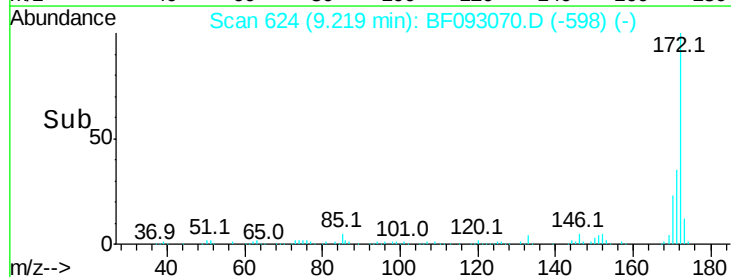
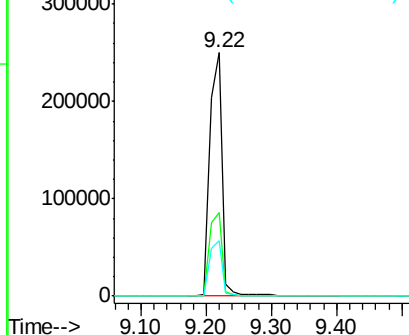


#44
 2-Fluorobiphenyl
 Concen: 21.68 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093070.D
 Acq: 21 Feb 2017 12:14

Tgt Ion:172 Resp: 333741
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.4 44.0
 170 22.6 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

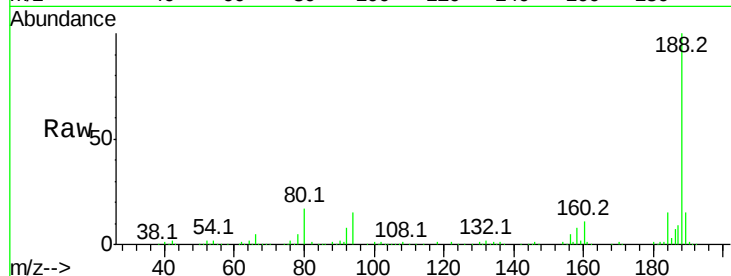




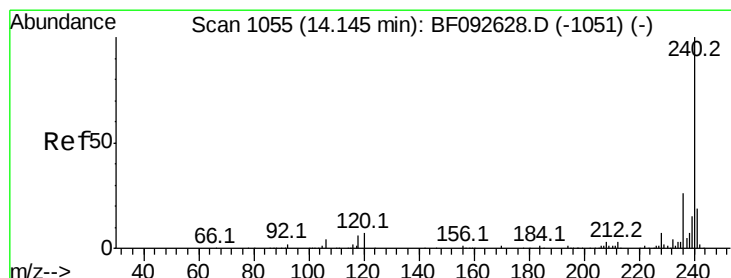
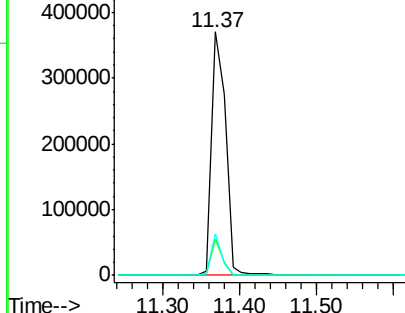
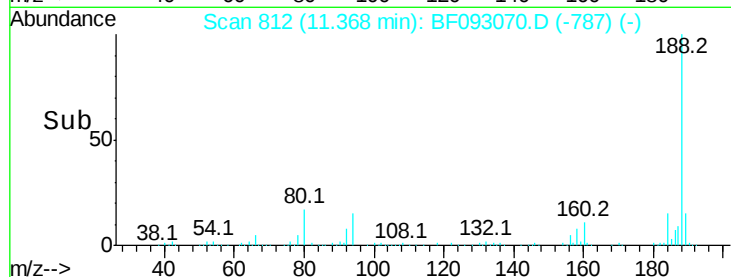
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093070.D
Acq: 21 Feb 2017 12:14

Instrument :
BNA_F
ClientSampleId :
021617-PRRT-E-D-M

Tot Ion:188 Resp: 464359
Ion Ratio Lower Upper
188 100
94 15.1 10.0 15.0#
80 16.8 11.2 16.8#

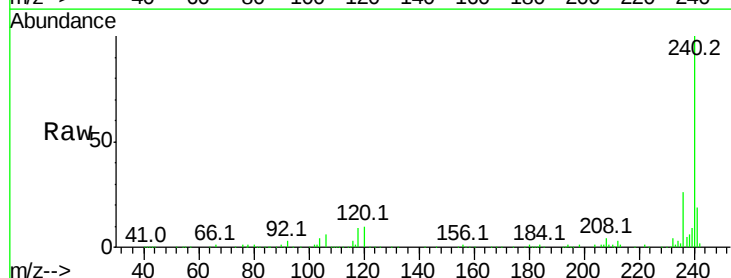


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

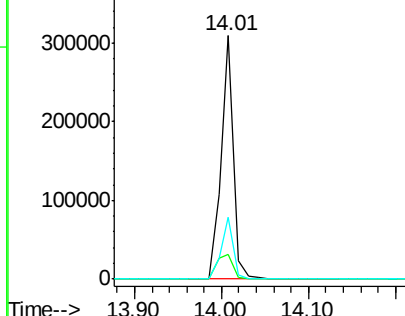
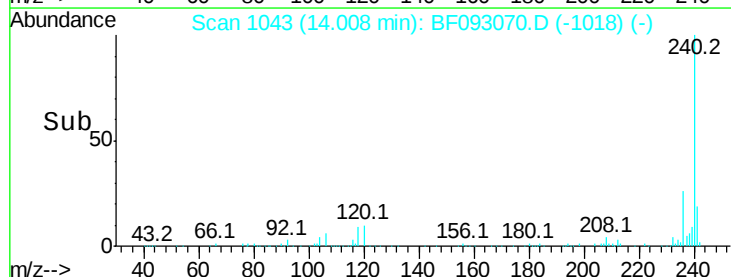


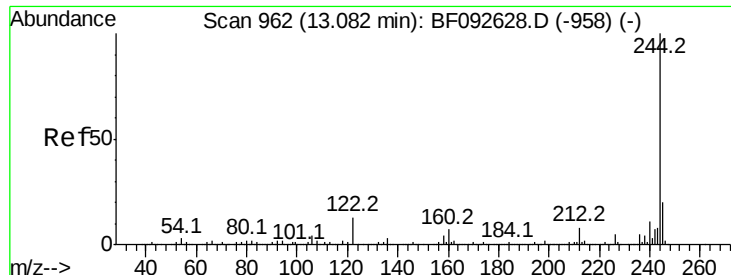
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093070.D
Acq: 21 Feb 2017 12:14

Tgt Ion:240 Resp: 310270
Ion Ratio Lower Upper
240 100
120 10.4 12.9 19.3#
236 25.6 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: 18.87 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093070.D

Acq: 21 Feb 2017 12:14

Instrument :

BNA_F

ClientSampleId :

021617-PRRT-E-D-M

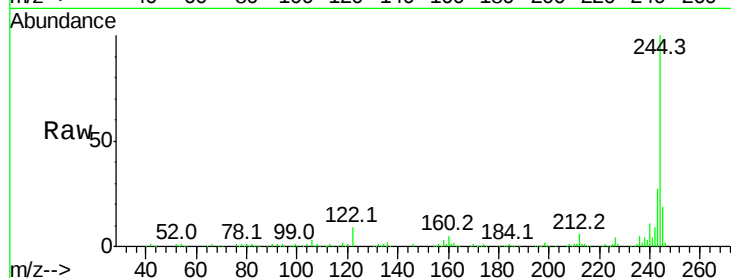
Tot Ion:244 Resp: 249219

Ion Ratio Lower Upper

244 100

212 6.4 6.2 9.2

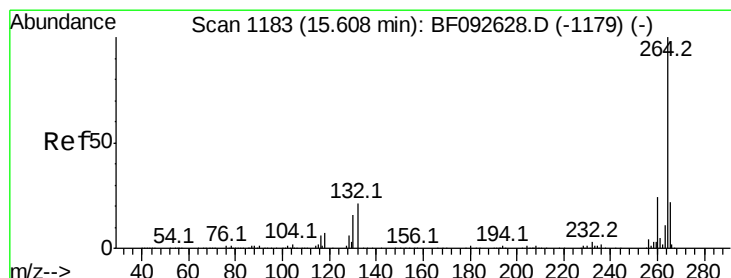
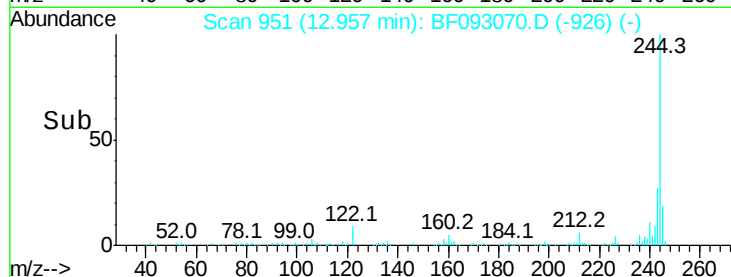
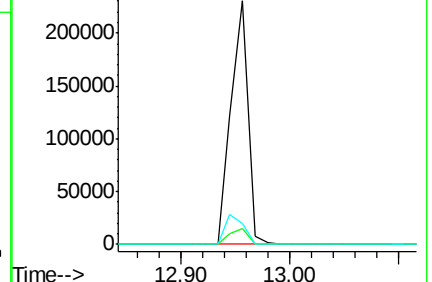
122 8.8 11.4 17.2#



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: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093070.D

Acq: 21 Feb 2017 12:14

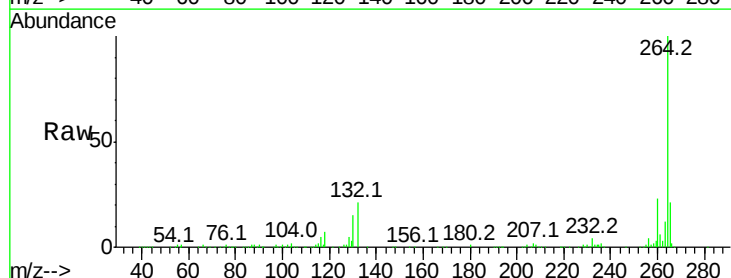
Tgt Ion:264 Resp: 297695

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.1 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

