

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021617\
 Data File : BF092995.D
 Acq On : 16 Feb 2017 21:48
 Operator : SJ/MA
 Sample : I1859-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280385-COMP-0-2FT

Quant Time: Feb 17 00:15:38 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 23:55:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	136859	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	527040	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	294686	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	502635	20.00	ng	0.00
75) Chrysene-d12	14.01	240	429661	20.00	ng	-0.01
86) Perylene-d12	15.44	264	205823	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1018118	127.63	ng	0.01
7) Phenol-d6	6.50	99	1266348	123.38	ng	0.00
23) Nitrobenzene-d5	7.42	82	951996	100.59	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	274746	128.91	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1550800	95.34	ng	0.00
78) Terphenyl-d14	12.97	244	1532386	83.80	ng	0.00

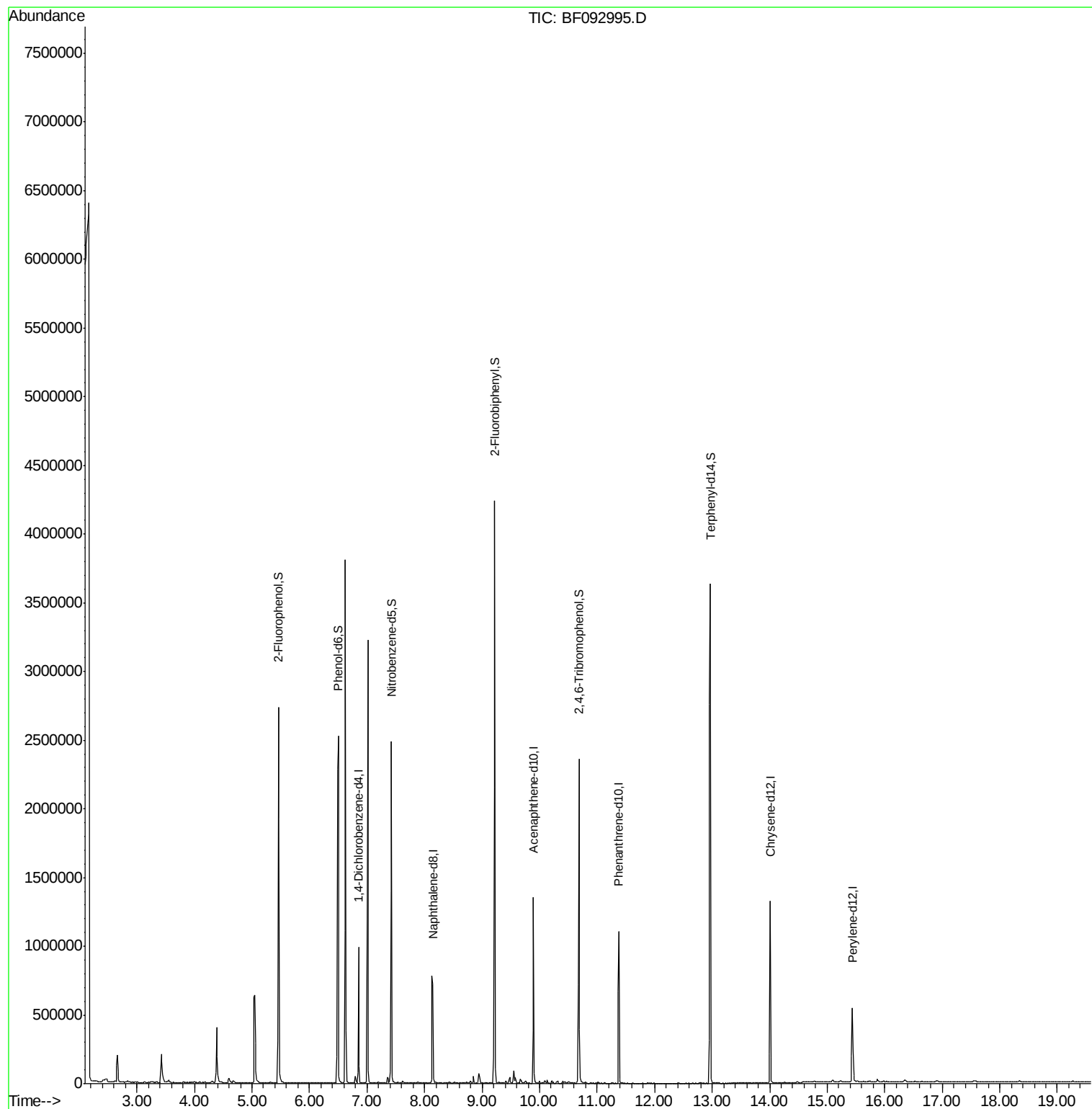
Target Compounds	Qvalue
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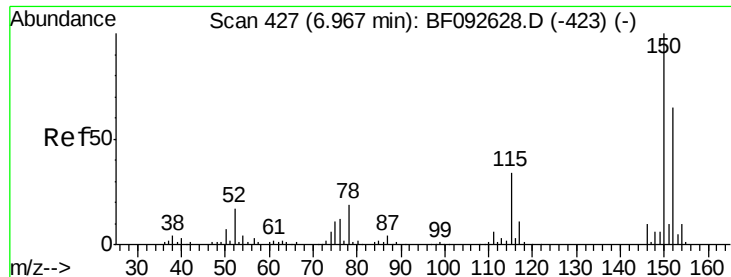
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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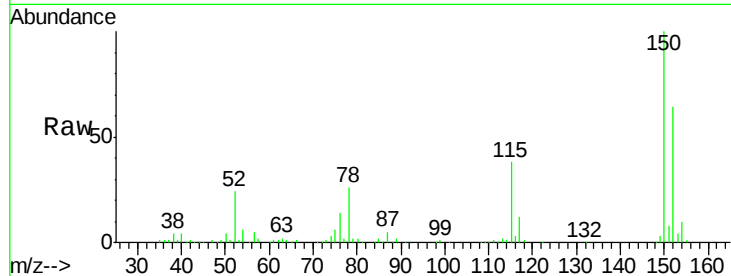




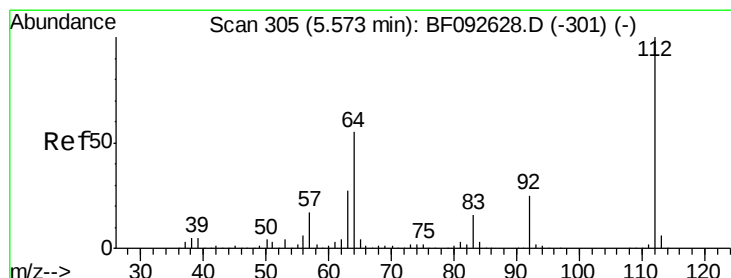
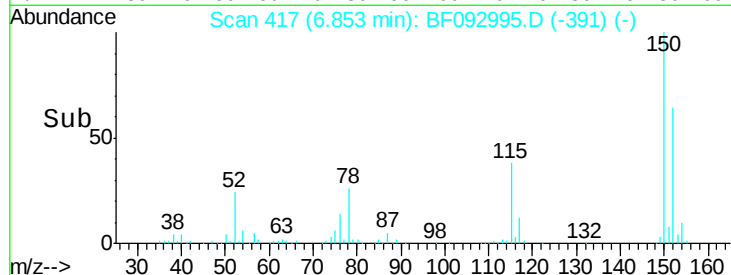
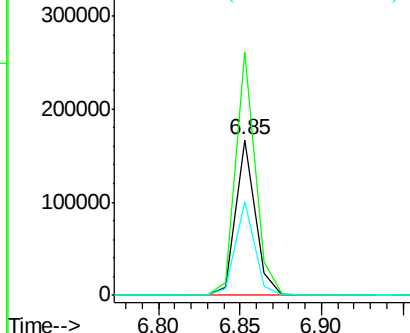
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF092995.D
 Acq: 16 Feb 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :
 280385-COMP-0-2FT

Tgt Ion:152 Resp: 136859
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.9 187.3
 115 60.0 46.0 69.0

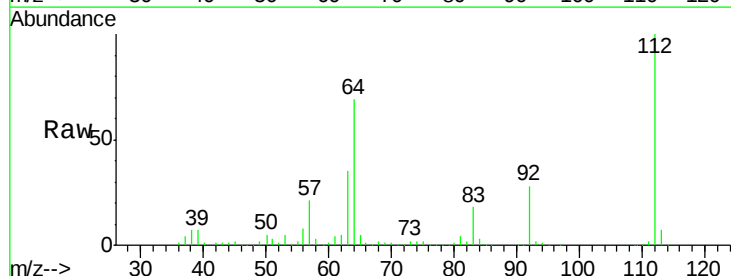


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

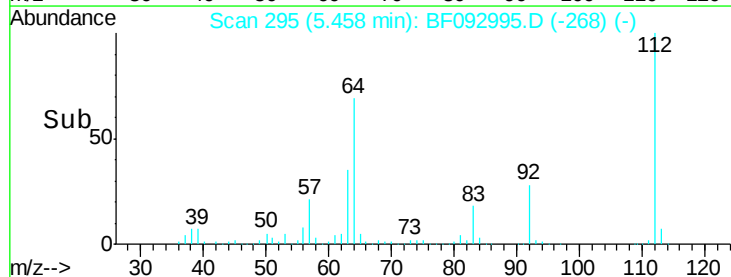
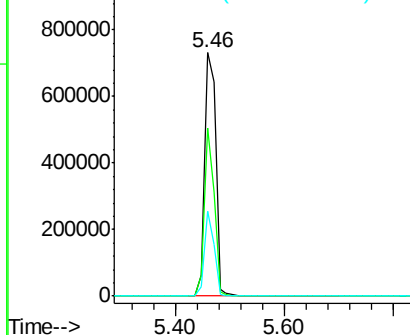


#5
 2-Fluorophenol
 Concen: 127.63 ng
 RT: 5.46 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: BF092995.D
 Acq: 16 Feb 2017 21:48

Tgt Ion:112 Resp: 1018118
 Ion Ratio Lower Upper
 112 100
 64 68.8 46.1 69.1
 63 34.9 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: 123.38 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF092995.D

Acq: 16 Feb 2017 21:48

Instrument :

BNA_F

ClientSampleId :

280385-COMP-0-2FT

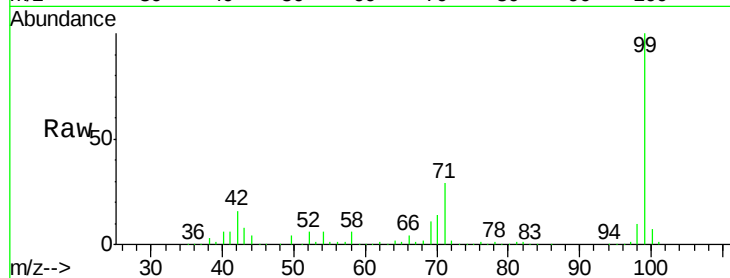
Tgt Ion: 99 Resp: 1266348

Ion Ratio Lower Upper

99 100

42 15.6 15.6 23.4

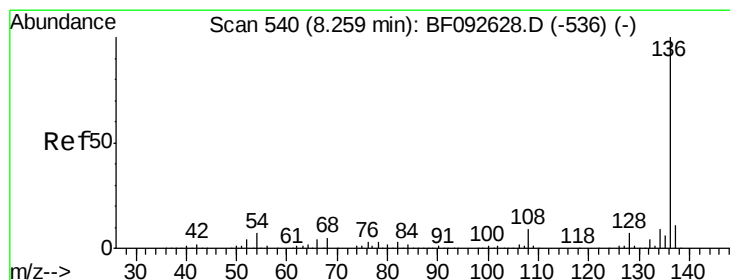
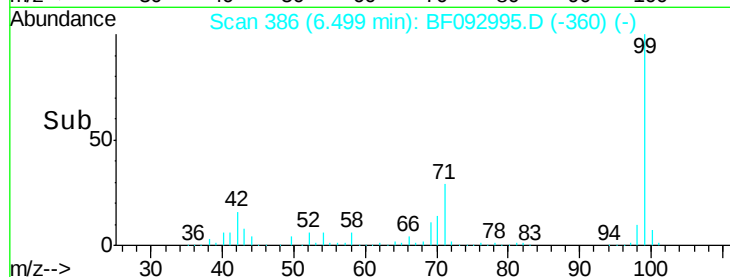
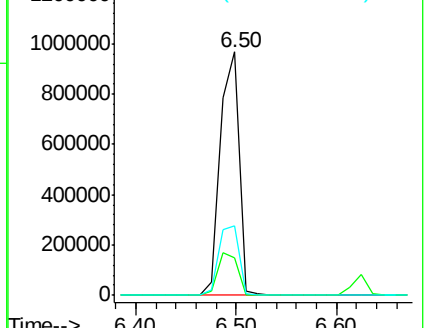
71 28.7 27.5 41.3



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: 8.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF092995.D

Acq: 16 Feb 2017 21:48

Tgt Ion: 136 Resp: 527040

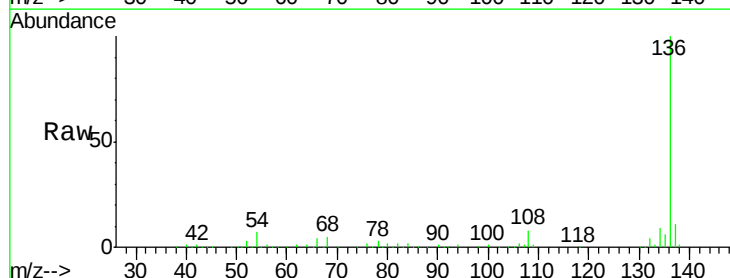
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 6.5 4.5 6.7

68 4.9 3.6 5.4

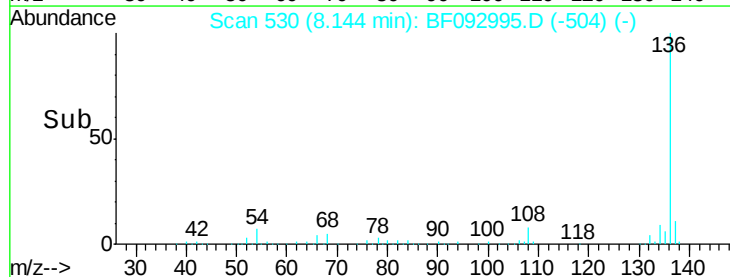
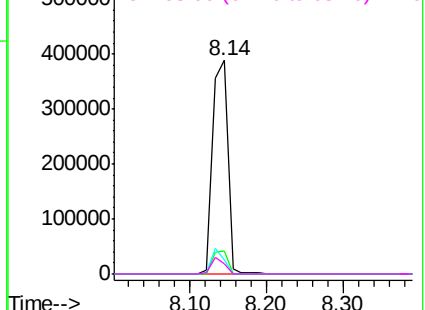


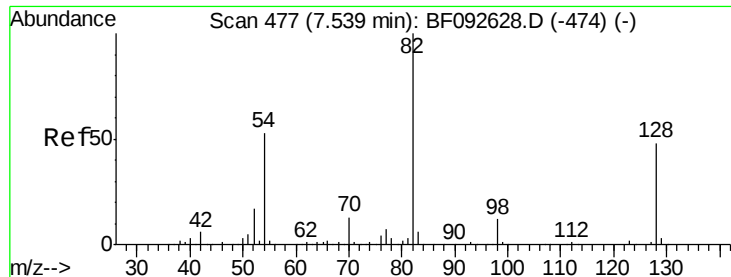
Abundance Ion 136.00 (135.70 to 136.70): E

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

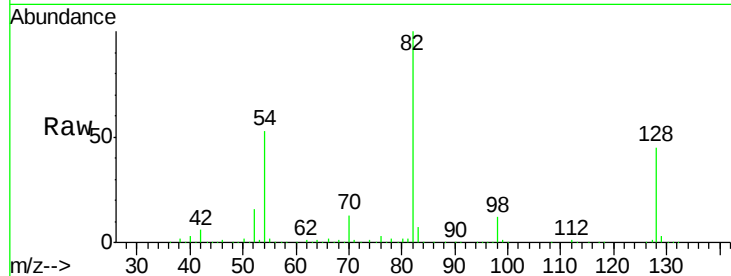




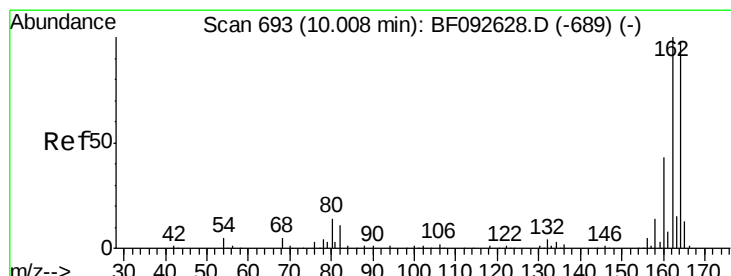
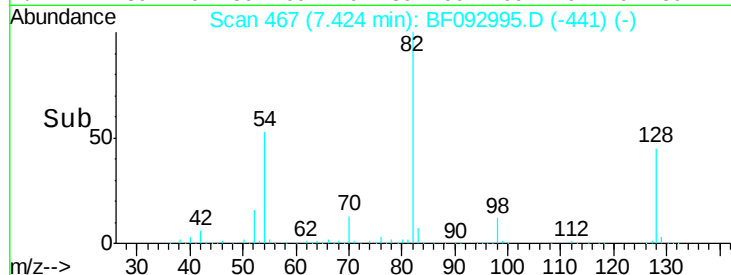
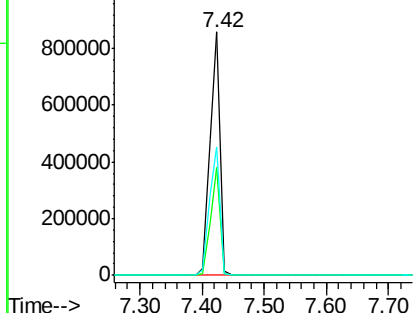
#23
 Nitrobenzene-d5
 Concen: 100.59 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF092995.D
 Acq: 16 Feb 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :
 280385-COMP-0-2FT

Tgt Ion: 82 Resp: 951996
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.6 52.0
 54 52.7 39.5 59.3

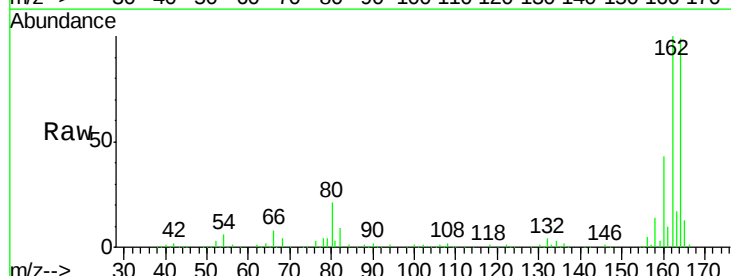


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

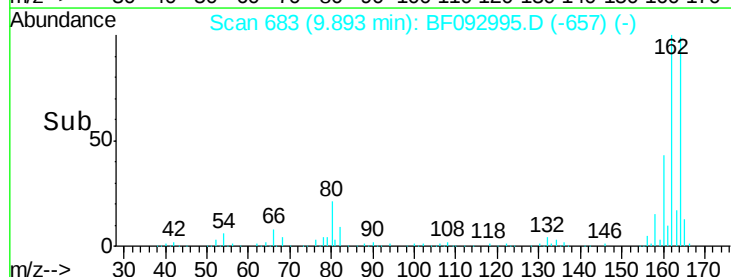
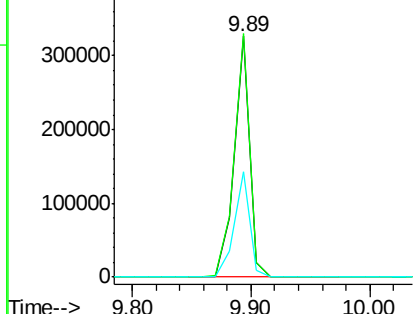


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF092995.D
 Acq: 16 Feb 2017 21:48

Tgt Ion: 164 Resp: 294686
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.2 120.2
 160 43.8 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

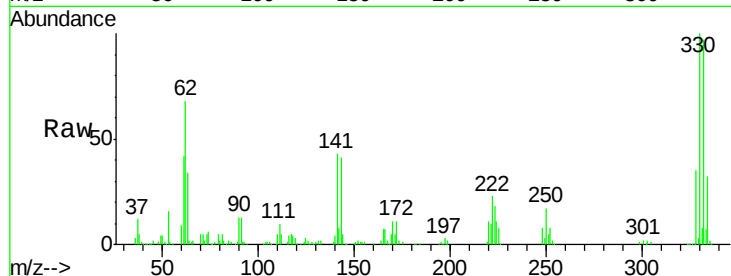




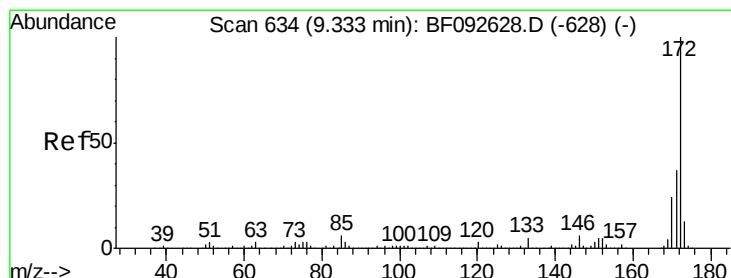
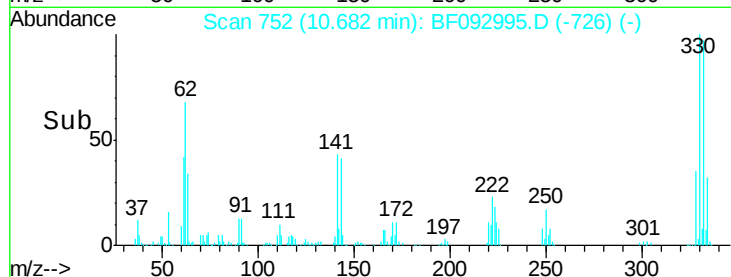
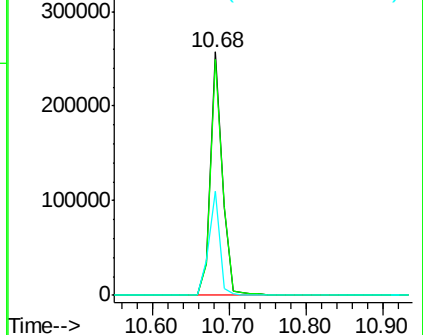
#41
 2,4,6-Tribromophenol
 Concen: 128.91 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF092995.D
 Acq: 16 Feb 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :
 280385-COMP-0-2FT

Tgt Ion:330 Resp: 274746
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 40.0 34.1 51.1

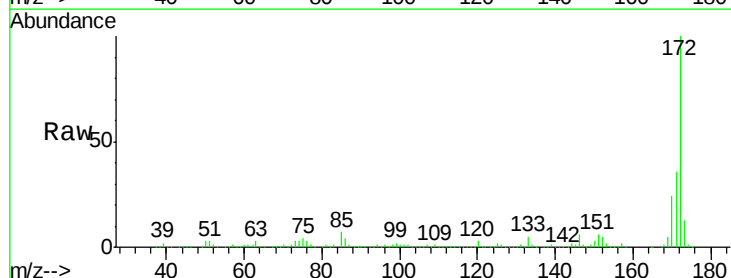


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

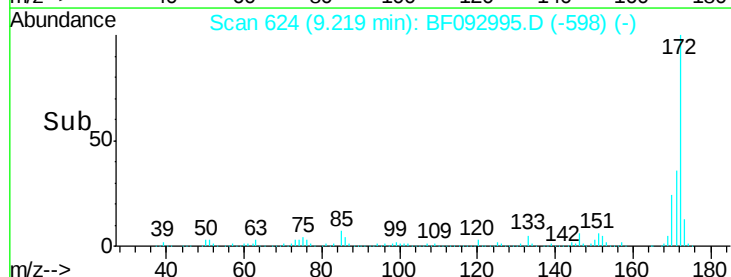
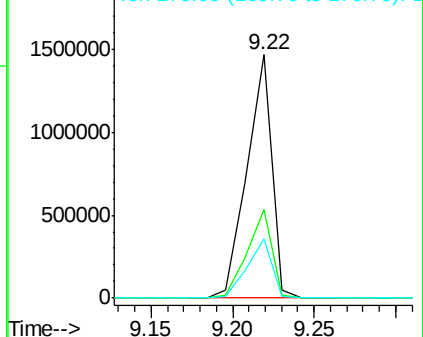


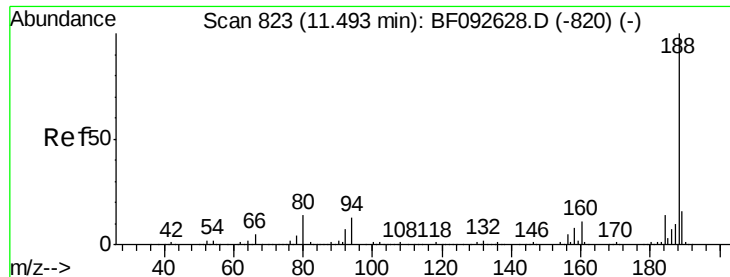
#44
 2-Fluorobiphenyl
 Concen: 95.34 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF092995.D
 Acq: 16 Feb 2017 21:48

Tgt Ion:172 Resp: 1550800
 Ion Ratio Lower Upper
 172 100
 171 36.3 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

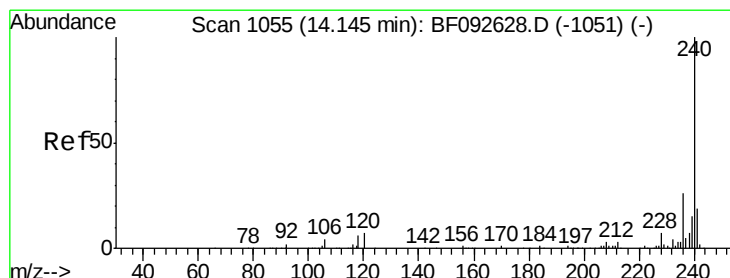
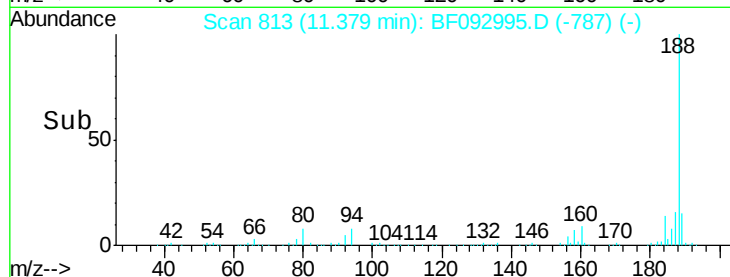
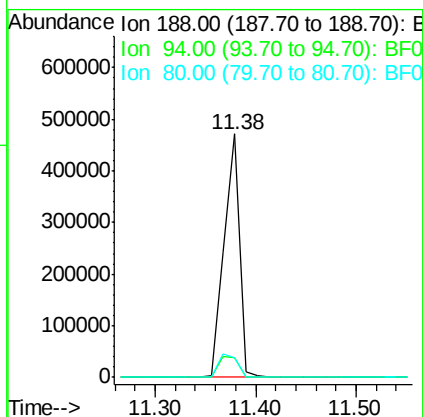
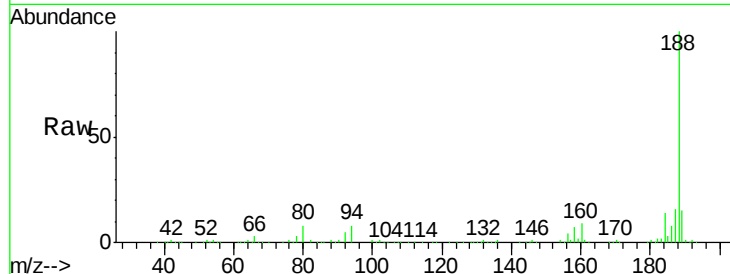




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF092995.D
Acq: 16 Feb 2017 21:48

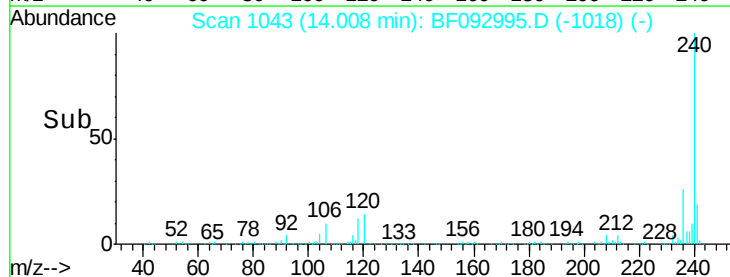
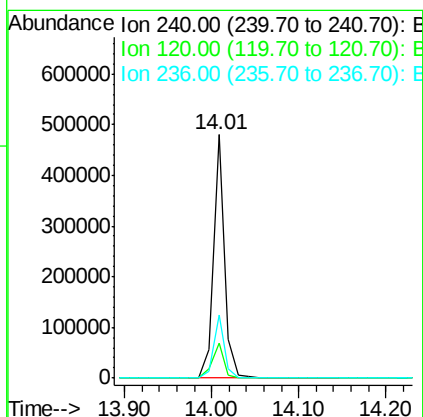
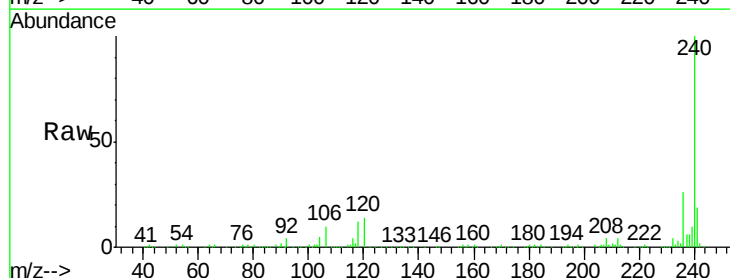
Instrument :
BNA_F
ClientSampleId :
280385-COMP-0-2FT

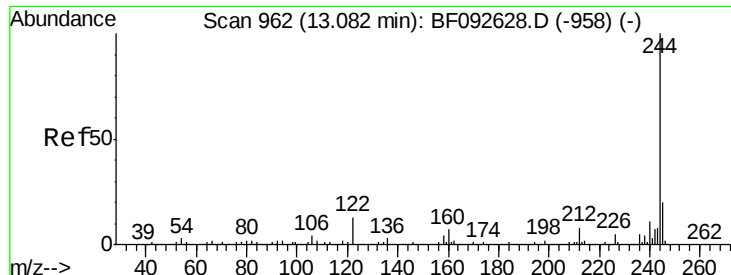
Tgt Ion:188 Resp: 502635
Ion Ratio Lower Upper
188 100
94 8.3 10.0 15.0#
80 7.9 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF092995.D
Acq: 16 Feb 2017 21:48

Tgt Ion:240 Resp: 429661
Ion Ratio Lower Upper
240 100
120 14.2 12.9 19.3
236 25.9 20.9 31.3

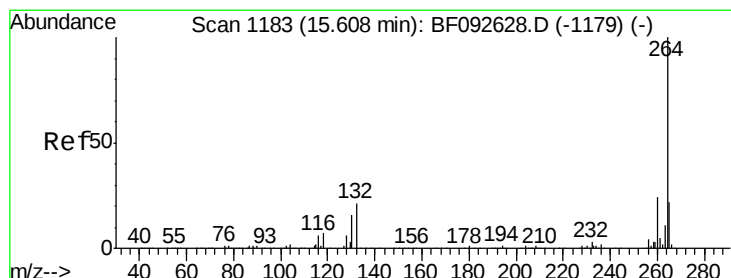
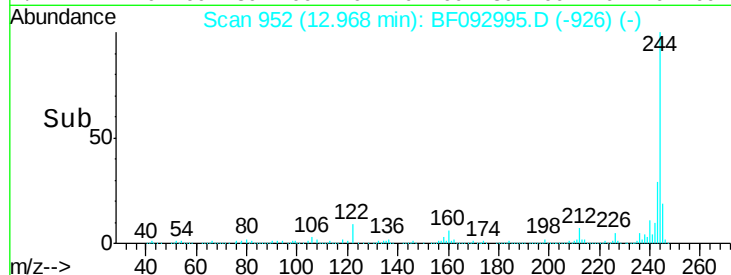
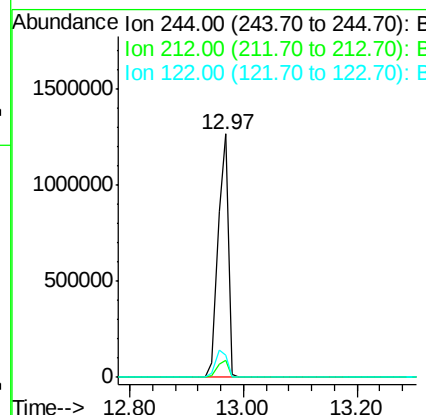
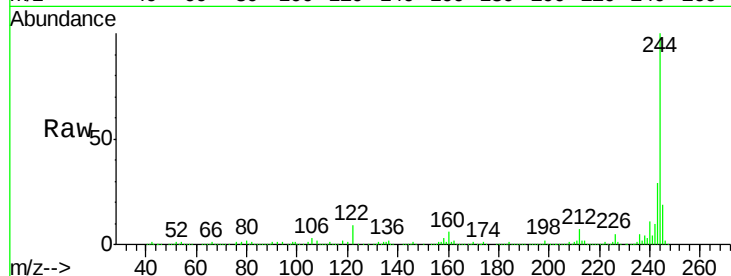




#78
 Terphenyl-d14
 Concen: 83.80 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF092995.D
 Acq: 16 Feb 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :
 280385-COMP-0-2FT

Tgt Ion:244 Resp: 1532386
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.3 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF092995.D
 Acq: 16 Feb 2017 21:48

Tgt Ion:264 Resp: 205823
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 20.5 17.4 26.0

