

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021617\
 Data File : BF092990.D
 Acq On : 16 Feb 2017 19:31
 Operator : SJ/MA
 Sample : I1850-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP21-COMP15

Quant Time: Feb 17 00:05:49 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	138451m	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	577292	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	325212	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	549547	20.00	ng	0.00
75) Chrysene-d12	14.01	240	506177	20.00	ng	-0.01
86) Perylene-d12	15.44	264	429438	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1132025	140.28	ng	0.02
7) Phenol-d6	6.50	99	1181327	113.77	ng	0.00
23) Nitrobenzene-d5	7.42	82	914773	88.24	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	293619	124.83	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1601216	89.20	ng	0.00
78) Terphenyl-d14	12.97	244	1659208	77.02	ng	0.00

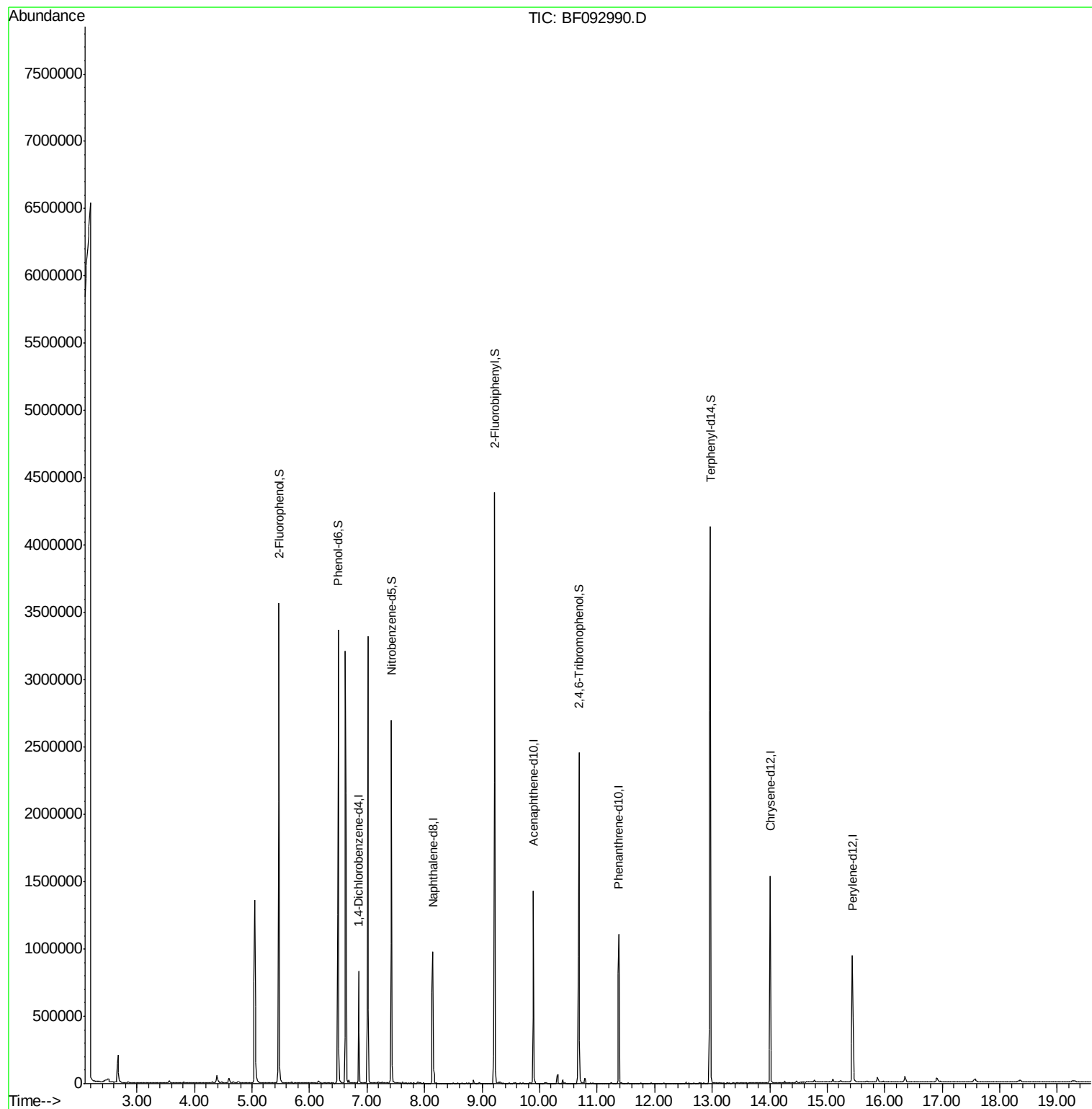
Target Compounds	Qvalue
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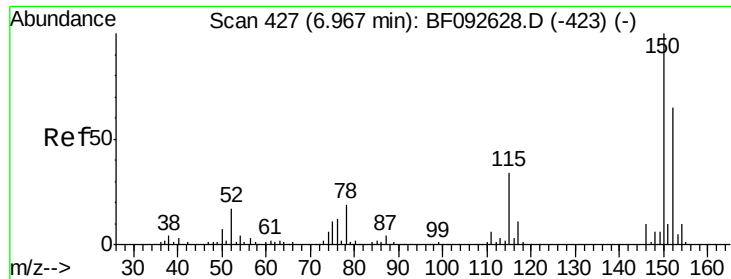
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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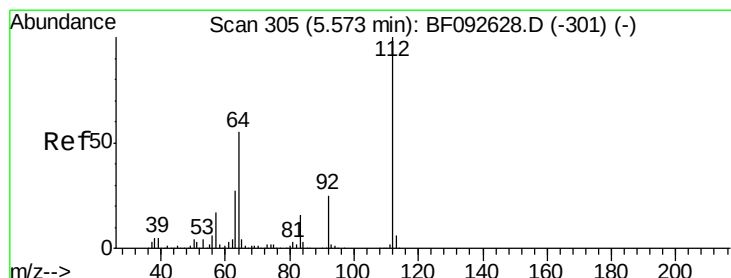
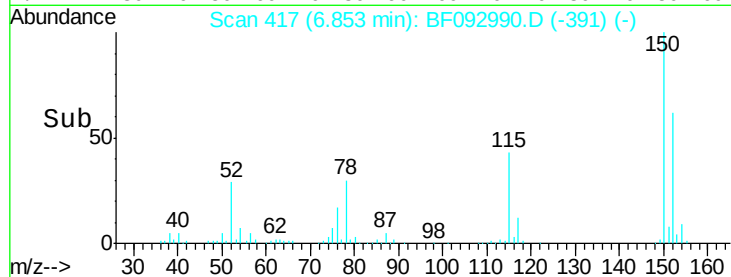
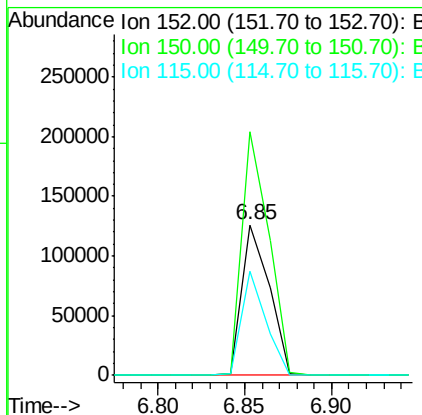
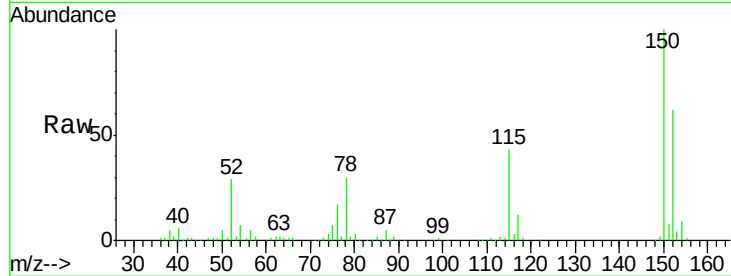


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF092990.D
Acq: 16 Feb 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP21-COMP15

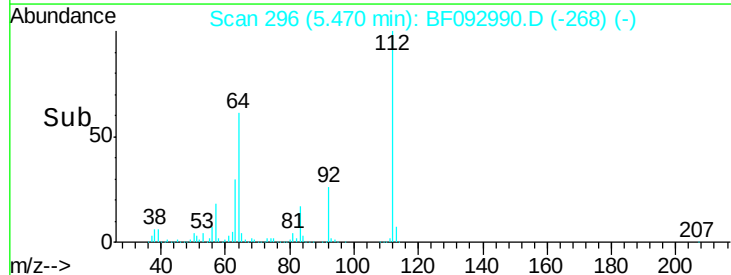
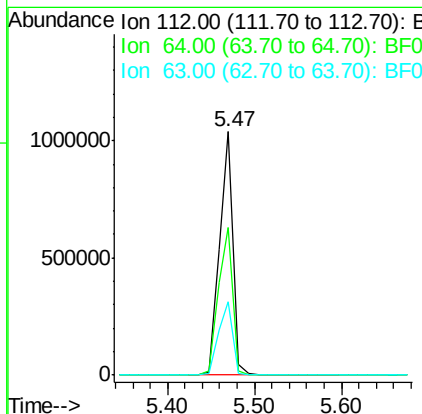
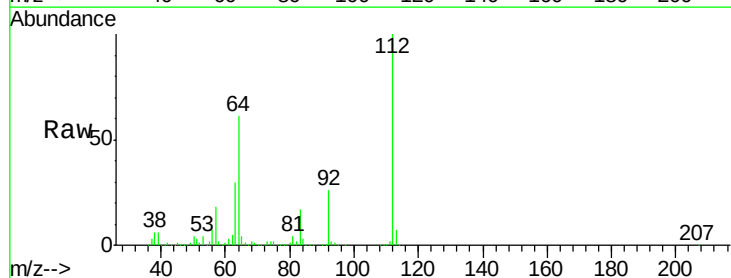
Tgt Ion:152 Resp: 138451
Ion Ratio Lower Upper
152 100
150 162.1 124.9 187.3
115 69.1 46.0 69.0#

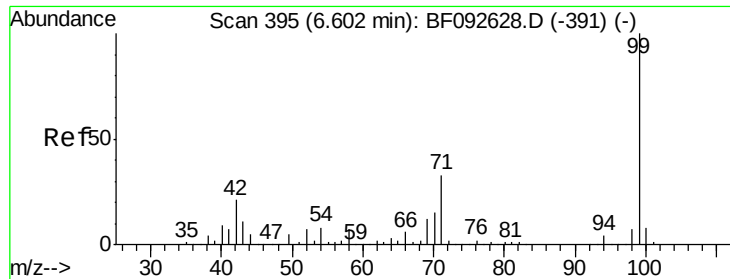


#5

2-Fluorophenol
Concen: 140.28 ng
RT: 5.47 min Scan# 296
Delta R.T. 0.02 min
Lab File: BF092990.D
Acq: 16 Feb 2017 19:31

Tgt Ion:112 Resp: 1132025
Ion Ratio Lower Upper
112 100
64 60.6 46.1 69.1
63 30.3 23.8 35.6





#7

Phenol-d6

Concen: 113.77 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF092990.D

Acq: 16 Feb 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP21-COMP15

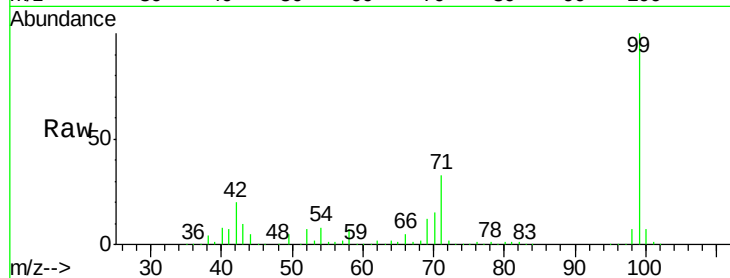
Tgt Ion: 99 Resp: 1181327

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

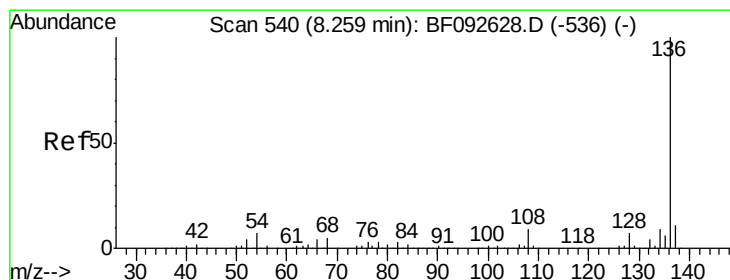
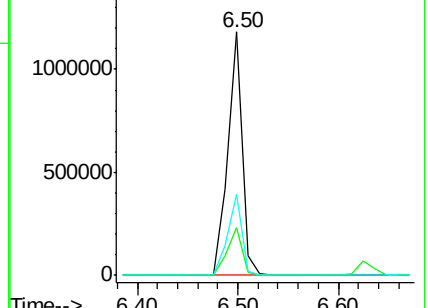
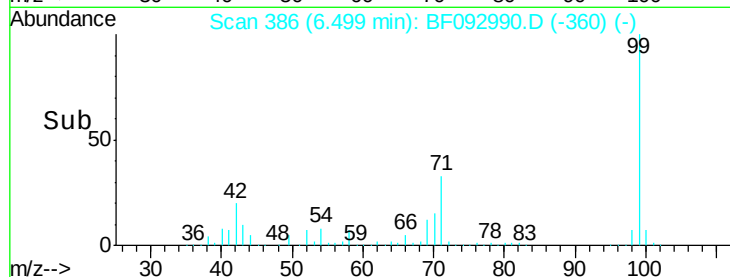
71 33.2 27.5 41.3



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: 8.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF092990.D

Acq: 16 Feb 2017 19:31

Tgt Ion: 136 Resp: 577292

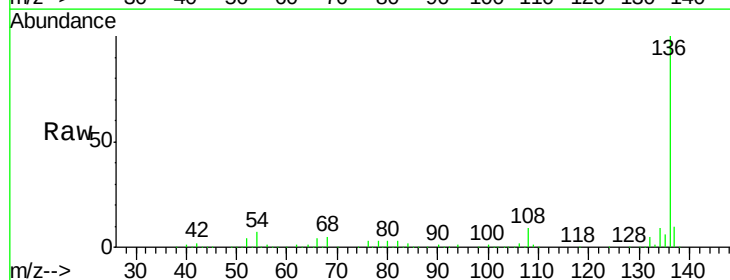
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 7.5 4.5 6.7#

68 5.3 3.6 5.4

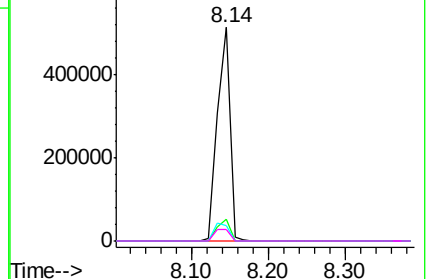
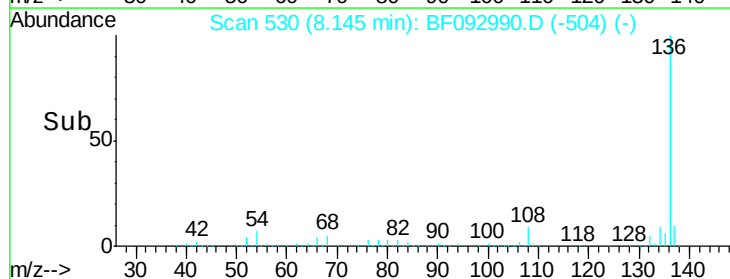


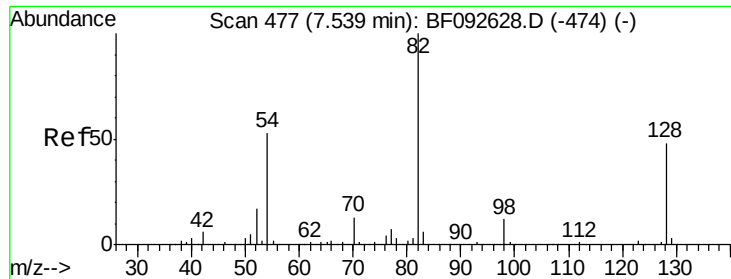
Abundance Ion 136.00 (135.70 to 136.70): E

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

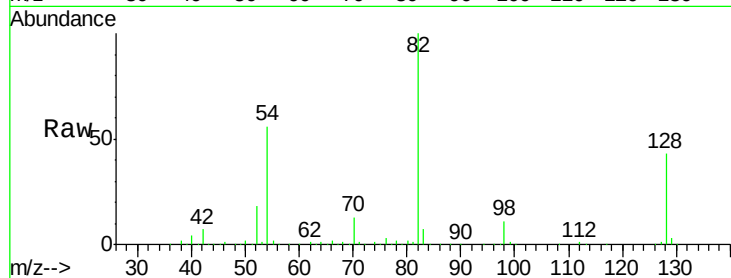




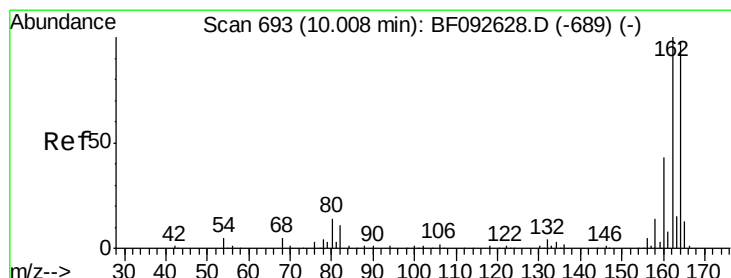
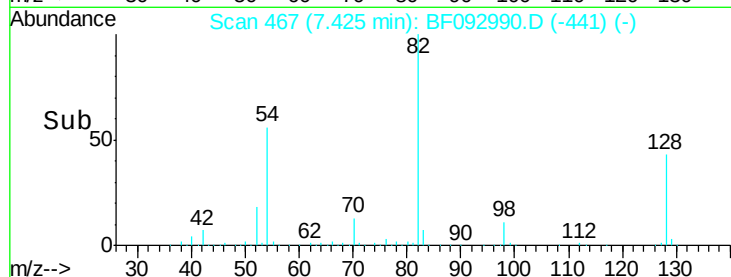
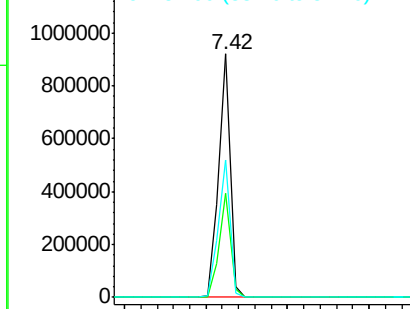
#23
 Nitrobenzene-d5
 Concen: 88.24 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF092990.D
 Acq: 16 Feb 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TP21-COMP15

Tgt Ion: 82 Resp: 914773
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.6 52.0
 54 56.2 39.5 59.3

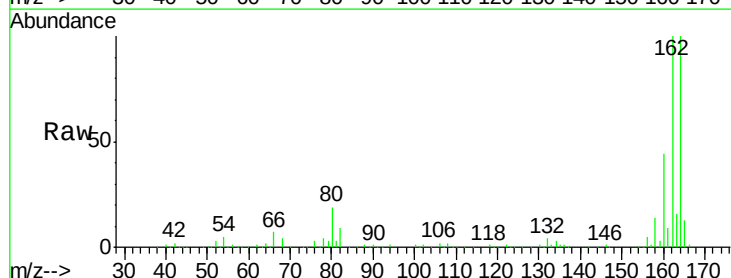


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

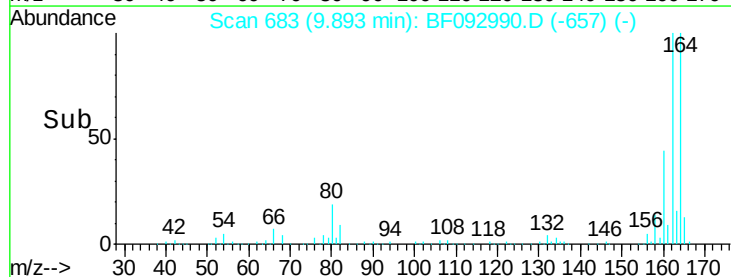
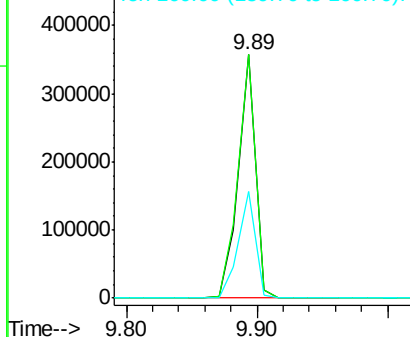


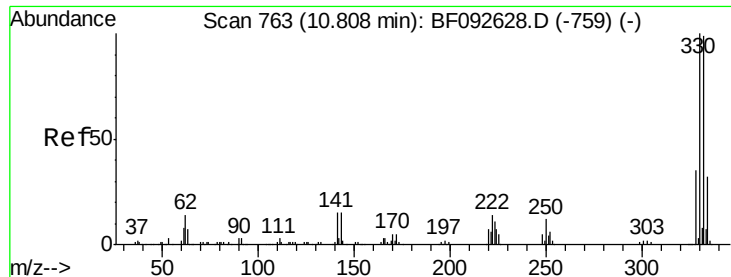
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF092990.D
 Acq: 16 Feb 2017 19:31

Tgt Ion: 164 Resp: 325212
 Ion Ratio Lower Upper
 164 100
 162 99.8 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

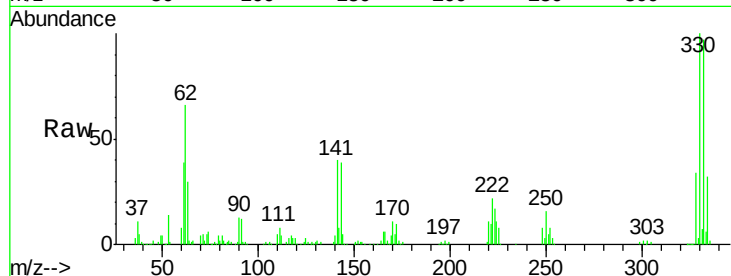




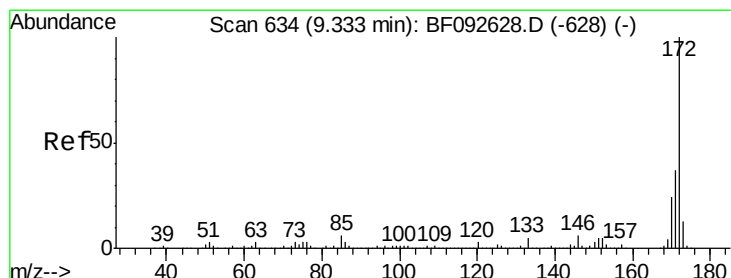
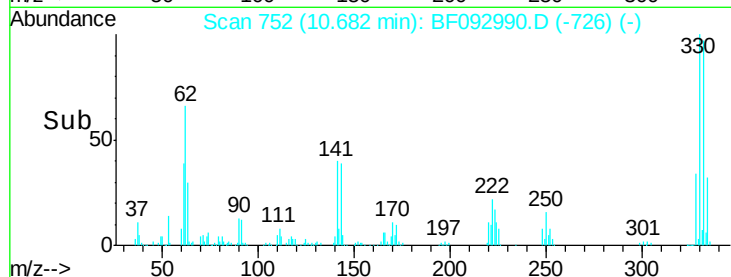
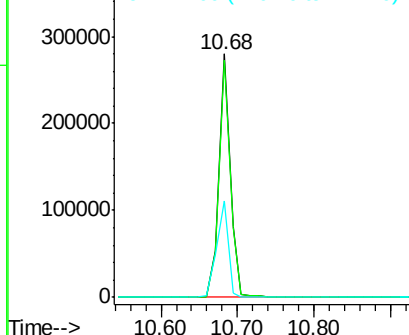
#41
 2,4,6-Tribromophenol
 Concen: 124.83 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF092990.D
 Acq: 16 Feb 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TP21-COMP15

Tgt Ion:330 Resp: 293619
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 40.1 34.1 51.1

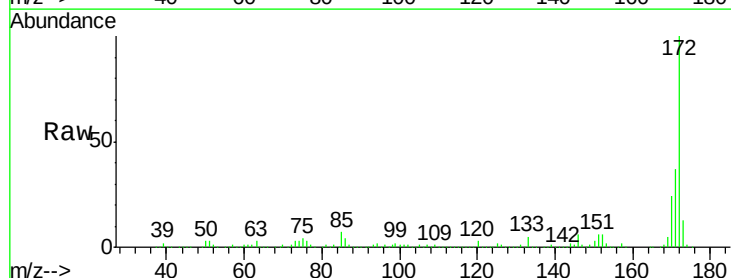


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

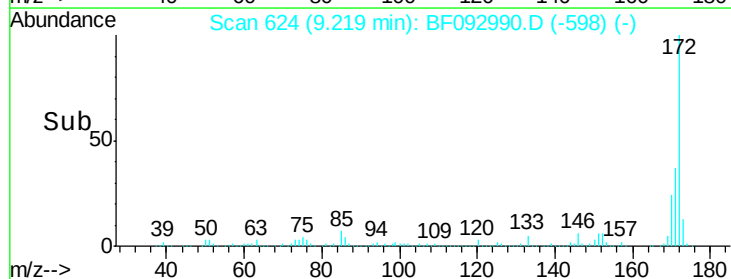
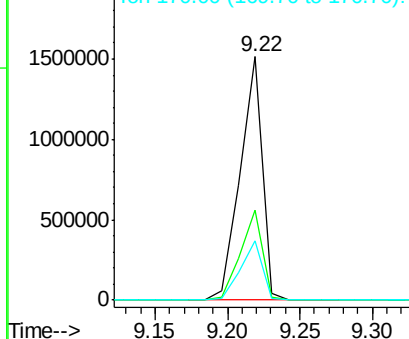


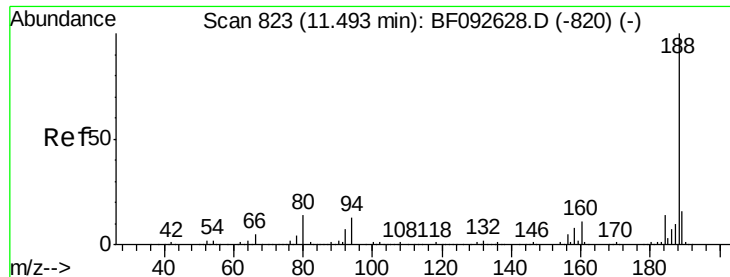
#44
 2-Fluorobiphenyl
 Concen: 89.20 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF092990.D
 Acq: 16 Feb 2017 19:31

Tgt Ion:172 Resp: 1601216
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.3 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

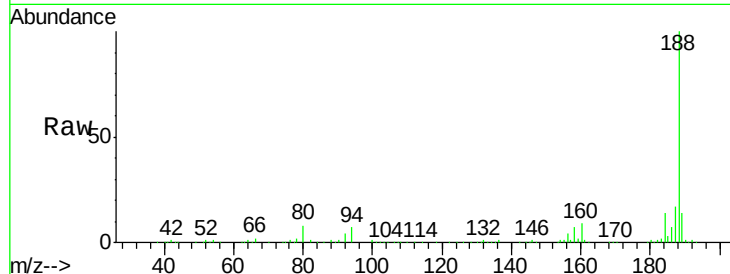




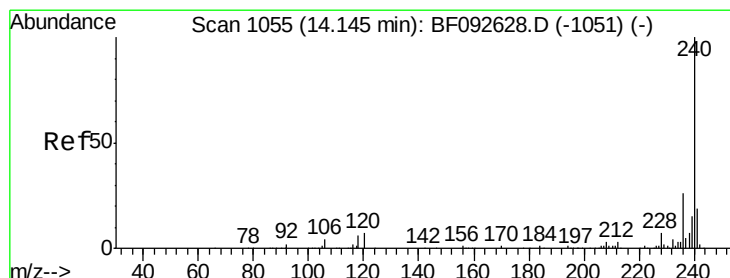
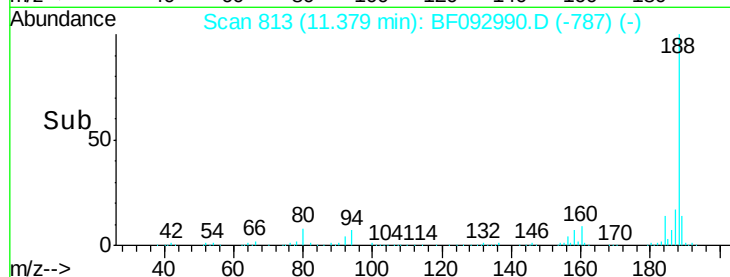
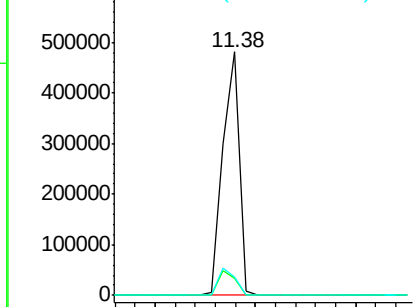
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF092990.D
 Acq: 16 Feb 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TP21-COMP15

Tgt Ion:188 Resp: 549547
 Ion Ratio Lower Upper
 188 100
 94 7.3 10.0 15.0#
 80 7.6 11.2 16.8#

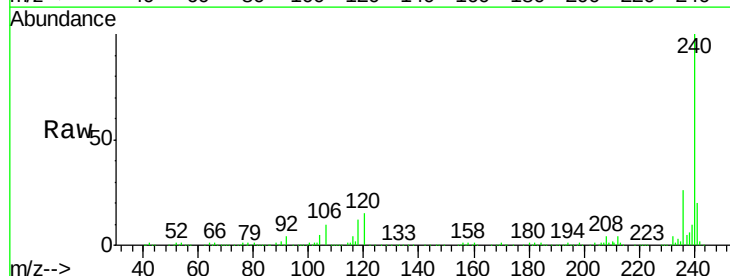


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

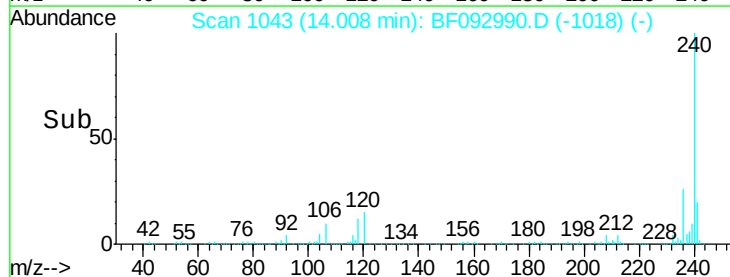
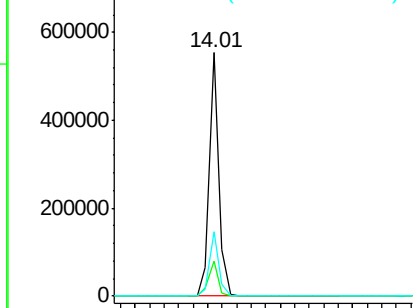


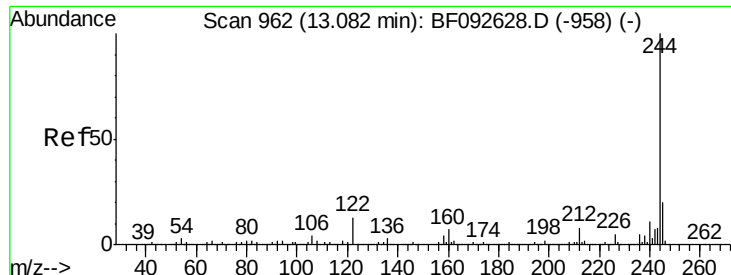
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092990.D
 Acq: 16 Feb 2017 19:31

Tgt Ion:240 Resp: 506177
 Ion Ratio Lower Upper
 240 100
 120 14.6 12.9 19.3
 236 26.3 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

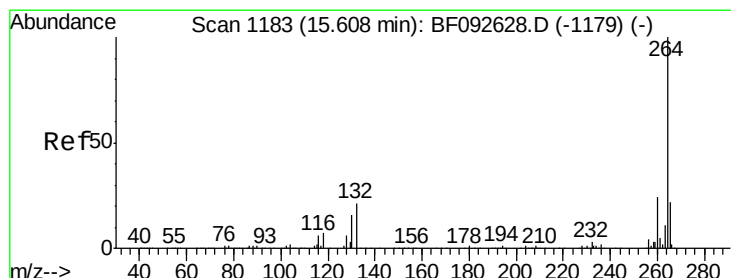
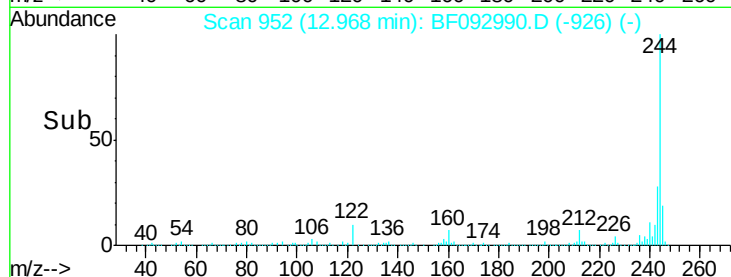
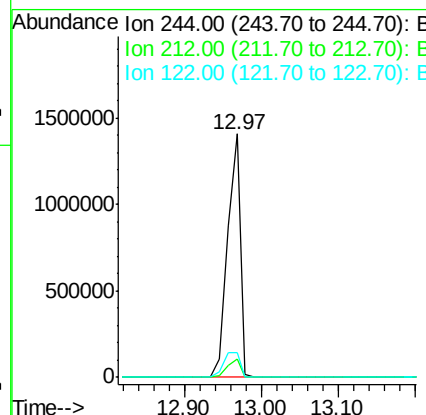
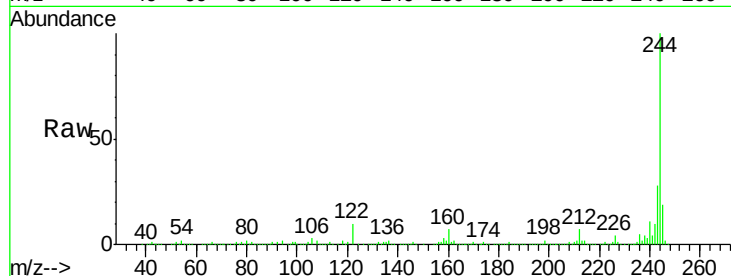




#78
 Terphenyl-d14
 Concen: 77.02 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF092990.D
 Acq: 16 Feb 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TP21-COMP15

Tgt Ion:244 Resp: 1659208
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 10.3 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: BF092990.D
 Acq: 16 Feb 2017 19:31

Tgt Ion:264 Resp: 429438
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.1 17.4 26.0

