

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101754.D
 Acq On : 27 Dec 2017 10:29
 Operator : SJ/JU
 Sample : I6686-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-122217

Quant Time: Dec 27 11:18:54 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139277	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	513326	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	196342	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	313221	20.00	ng	0.00
75) Chrysene-d12	13.97	240	301667	20.00	ng	0.00
86) Perylene-d12	15.44	264	249432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1063572	113.75	ng	0.02
7) Phenol-d6	6.44	99	1133841	97.44	ng	0.00
23) Nitrobenzene-d5	7.36	82	899729	97.57	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	255138	134.86	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1357788	107.27	ng	0.00
78) Terphenyl-d14	12.90	244	1120142	89.52	ng	0.00

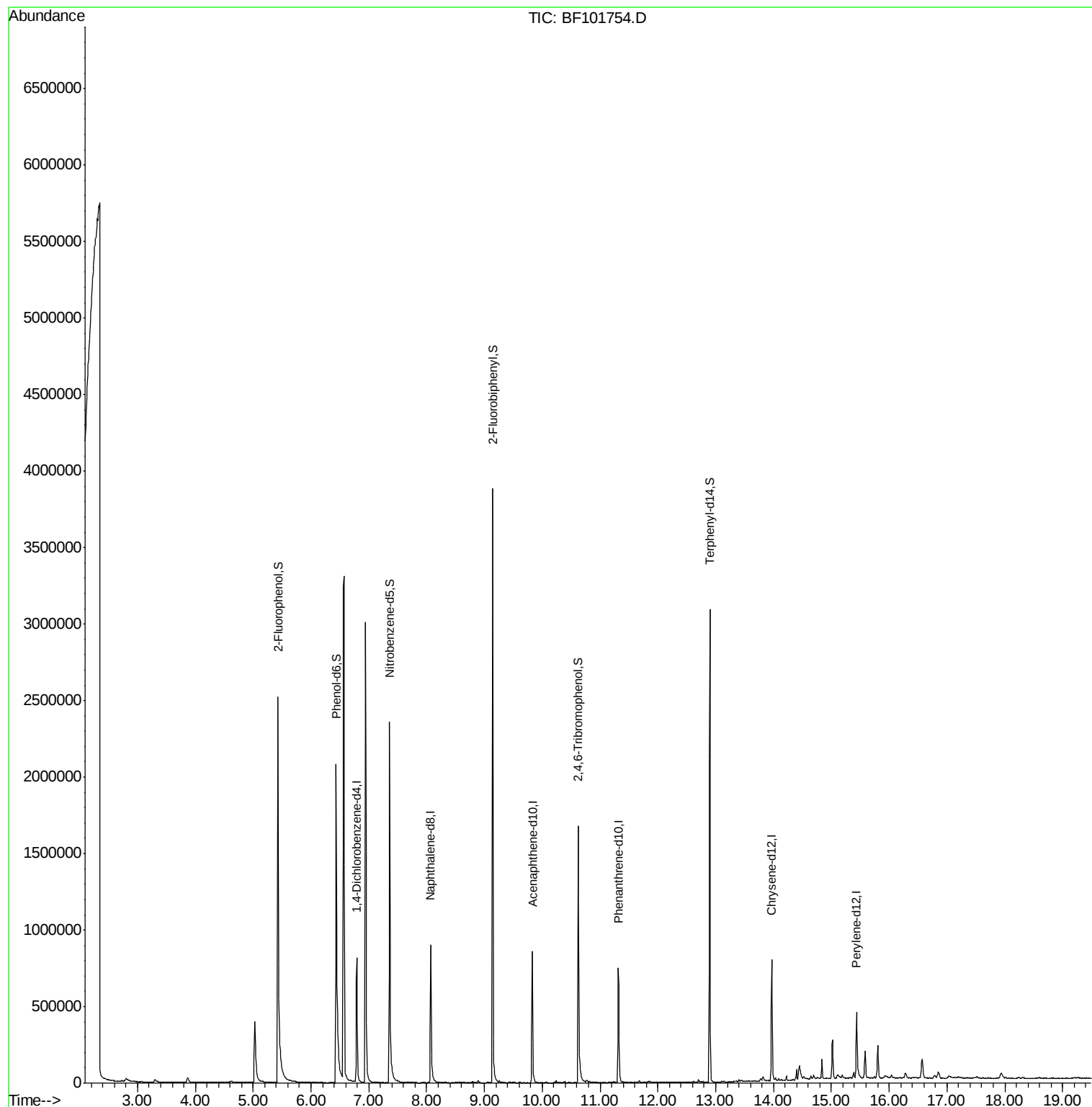
Target Compounds	Qvalue
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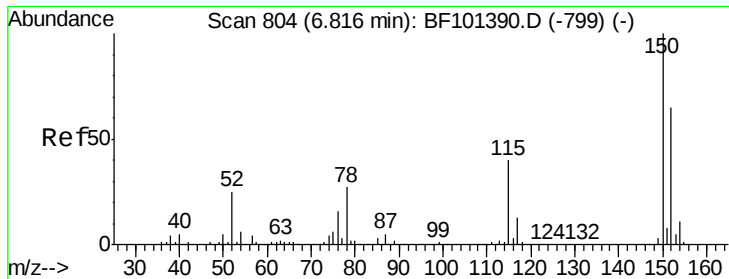
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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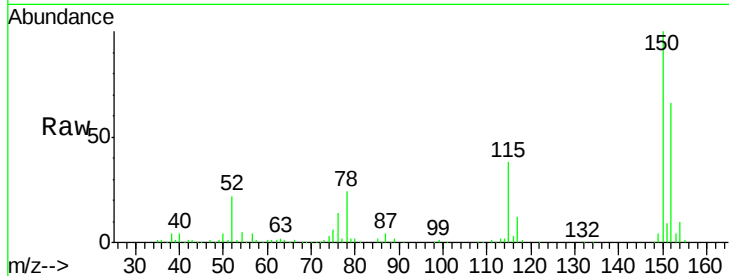




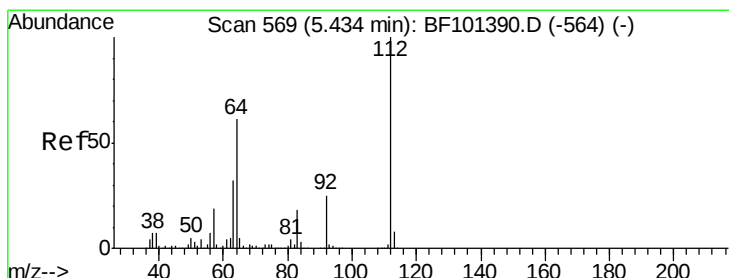
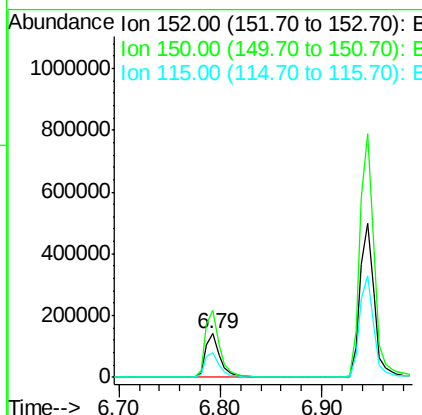
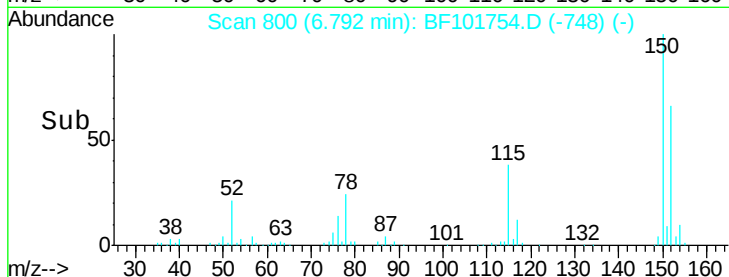
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF101754.D
 Acq: 27 Dec 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-122217

Tgt Ion:152 Resp: 139277
 Ion Ratio Lower Upper
 152 100
 150 152.7 124.6 186.8
 115 57.7 50.1 75.1

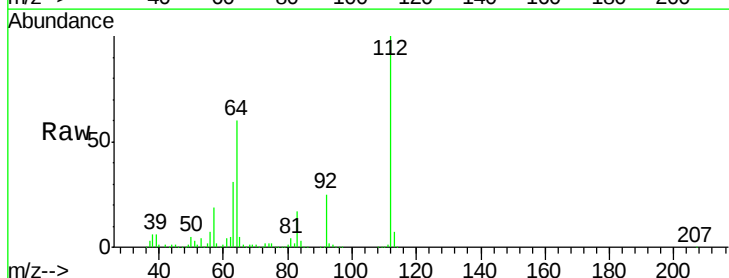


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

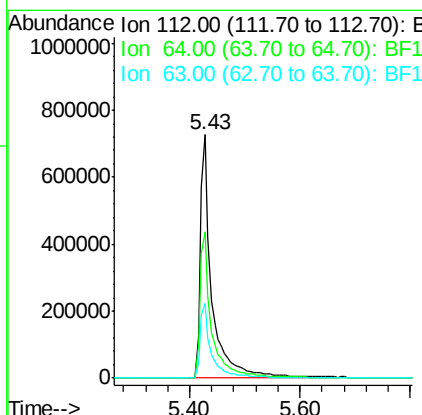
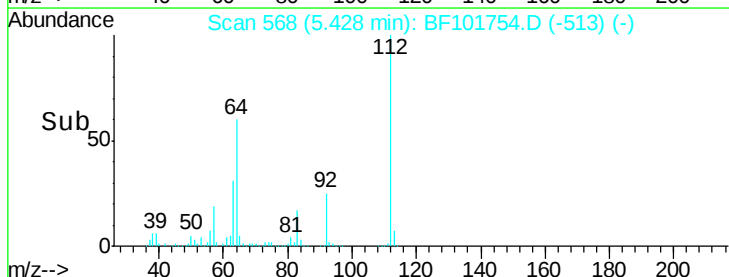


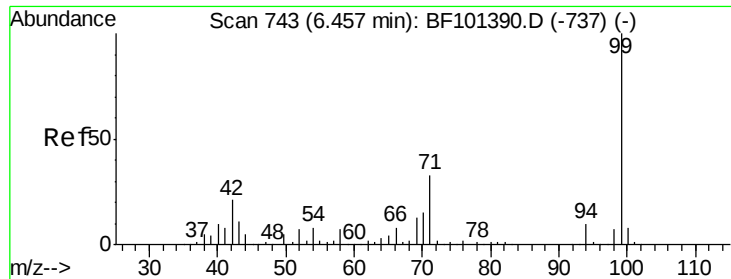
#5
 2-Fluorophenol
 Concen: 113.750 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF101754.D
 Acq: 27 Dec 2017 10:29

Tgt Ion:112 Resp: 1063572
 Ion Ratio Lower Upper
 112 100
 64 60.0 47.9 71.9
 63 30.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.438 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101754.D

Acq: 27 Dec 2017 10:29

Instrument :

BNA_F

ClientSampleId :

TR-04-122217

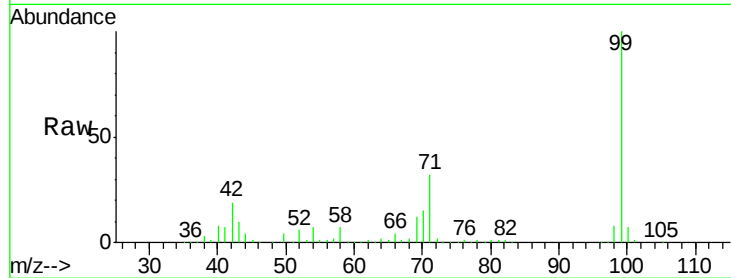
Tgt Ion: 99 Resp: 1133841

Ion Ratio Lower Upper

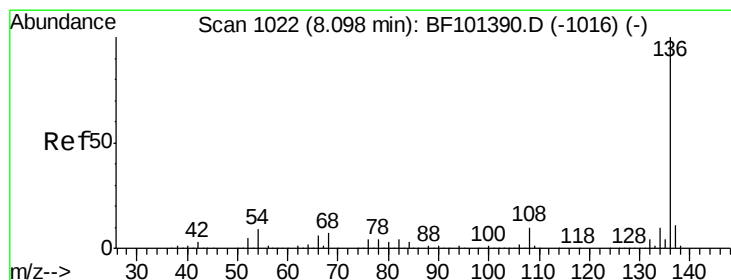
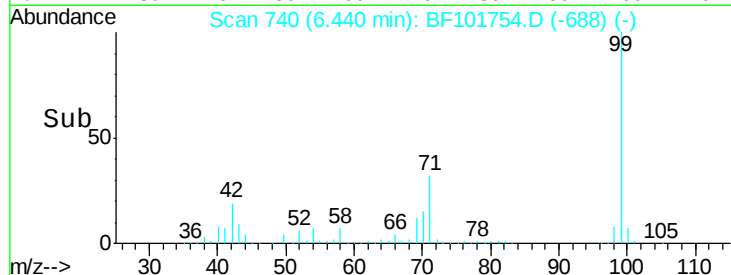
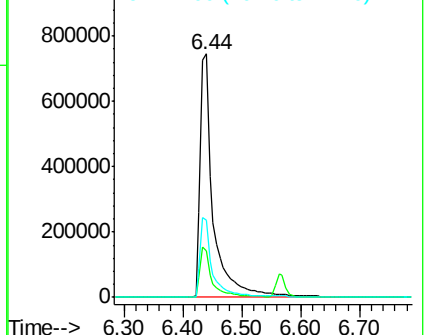
99 100

42 19.0 14.5 21.7

71 31.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF101754.D

Acq: 27 Dec 2017 10:29

Tgt Ion: 136 Resp: 513326

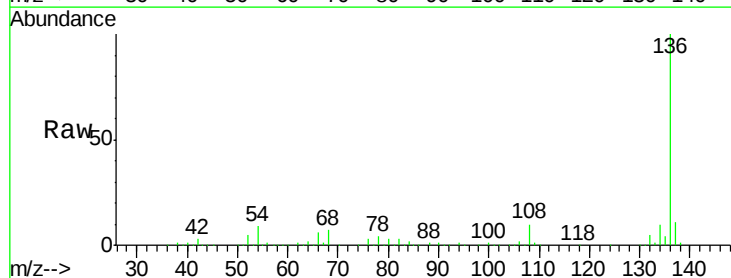
Ion Ratio Lower Upper

136 100

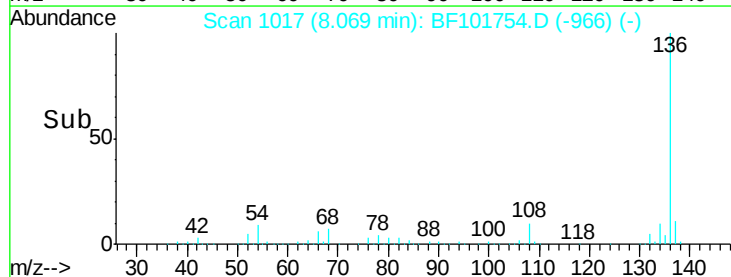
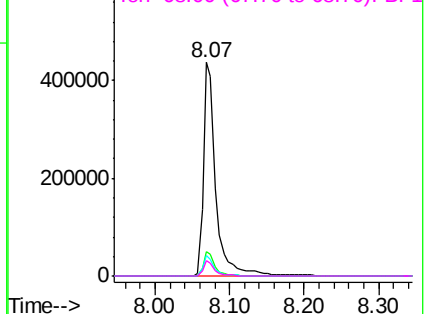
137 11.4 8.9 13.3

54 9.4 6.6 9.8

68 7.1 5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

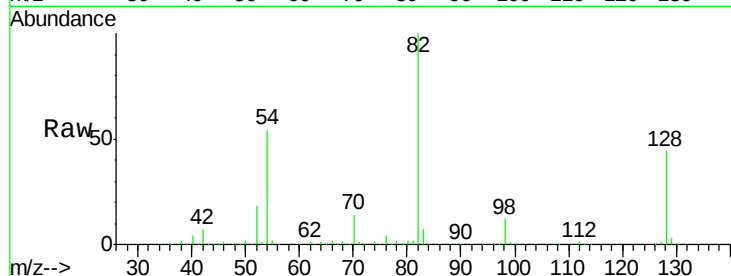




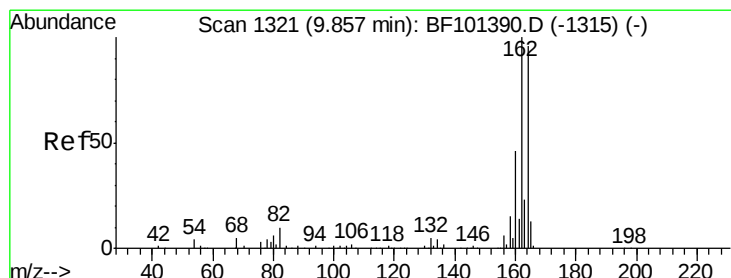
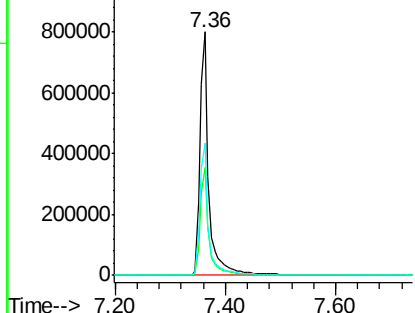
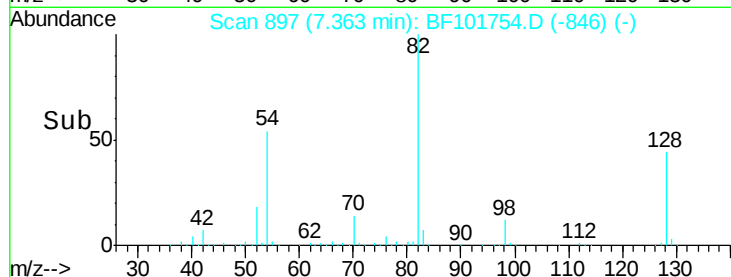
#23
 Nitrobenzene-d5
 Concen: 97.568 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF101754.D
 Acq: 27 Dec 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-122217

Tgt Ion: 82 Resp: 899729
 Ion Ratio Lower Upper
 82 100
 128 44.3 36.1 54.1
 54 54.4 41.4 62.2

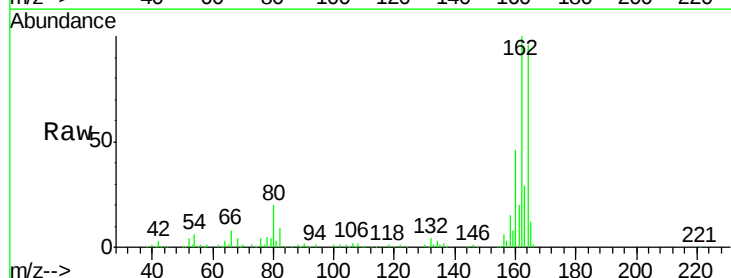


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

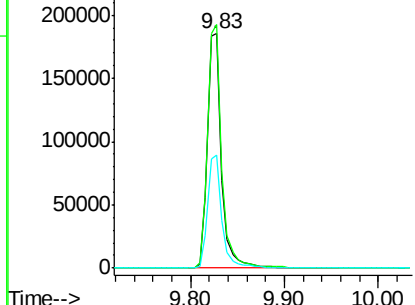
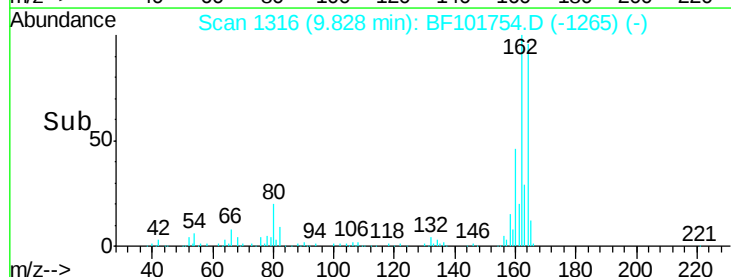


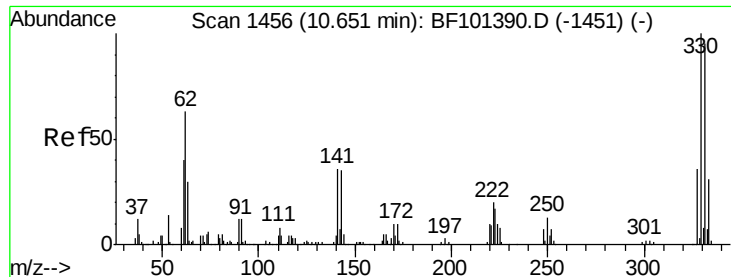
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF101754.D
 Acq: 27 Dec 2017 10:29

Tgt Ion: 164 Resp: 196342
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 48.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

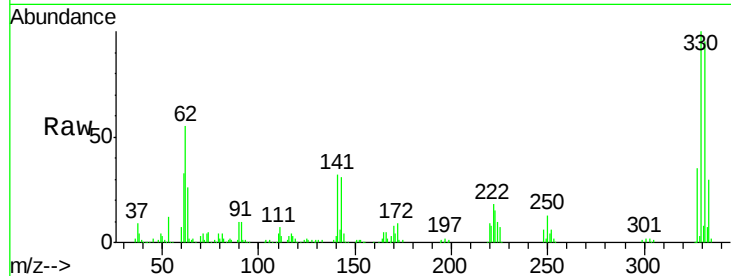




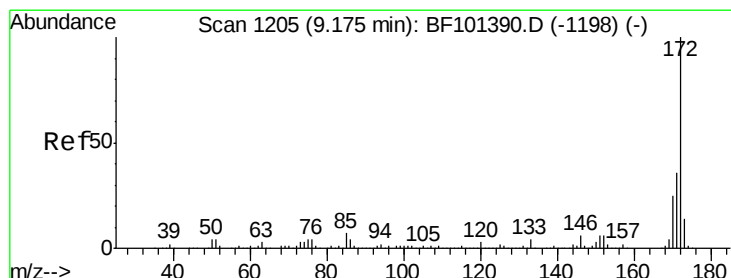
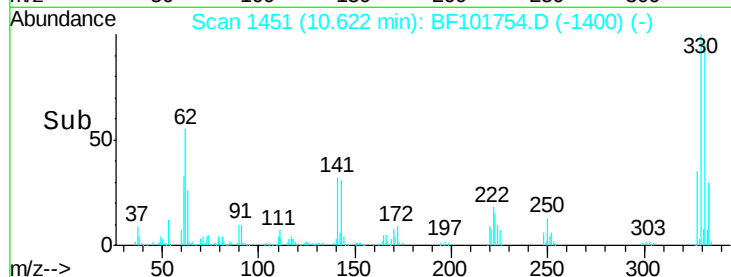
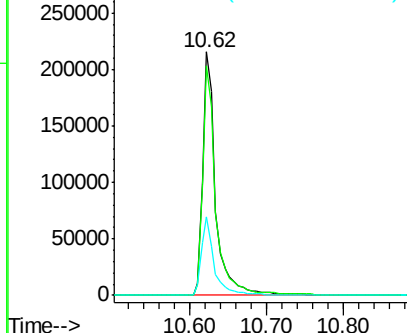
#41
 2,4,6-Tribromophenol
 Concen: 134.857 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101754.D
 Acq: 27 Dec 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-122217

Tgt Ion:330 Resp: 255138
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 32.4 29.9 44.9

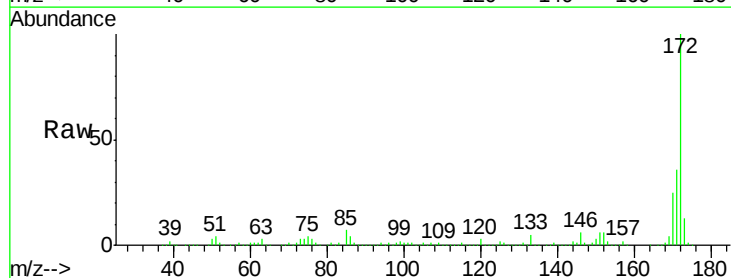


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

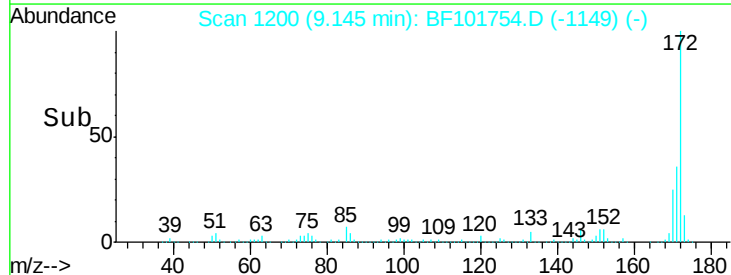
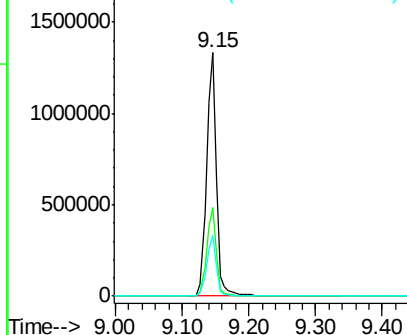


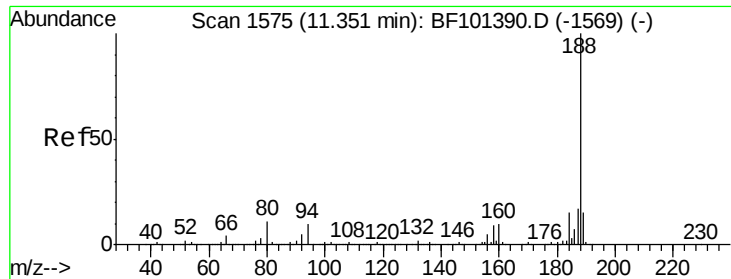
#44
 2-Fluorobiphenyl
 Concen: 107.275 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101754.D
 Acq: 27 Dec 2017 10:29

Tgt Ion:172 Resp: 1357788
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 25.0 19.6 29.4



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

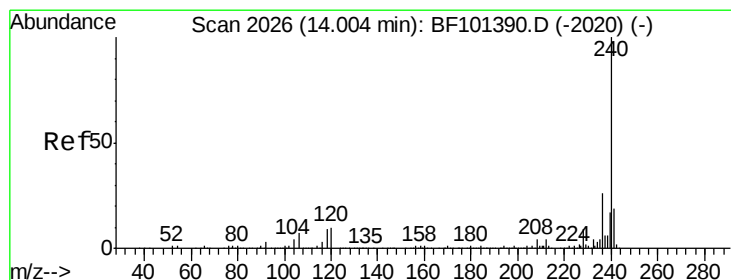
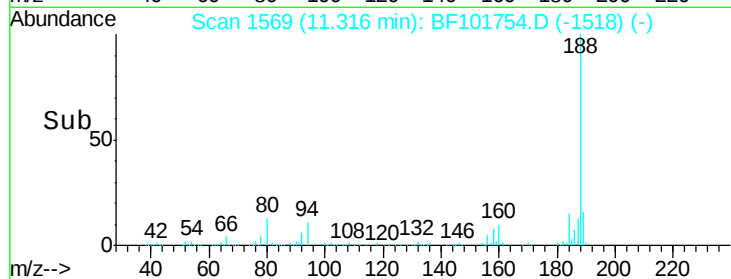
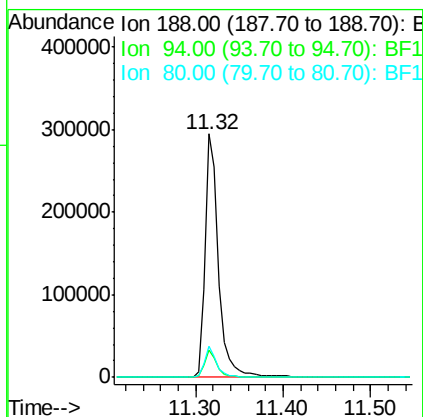
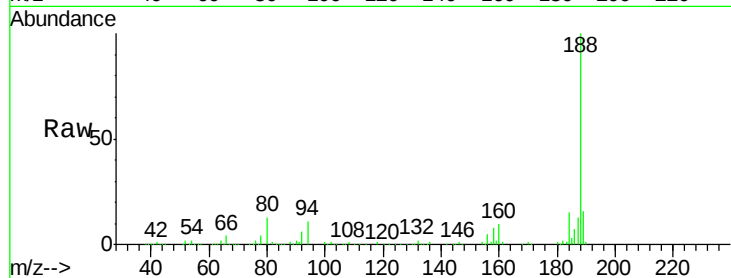




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101754.D
Acq: 27 Dec 2017 10:29

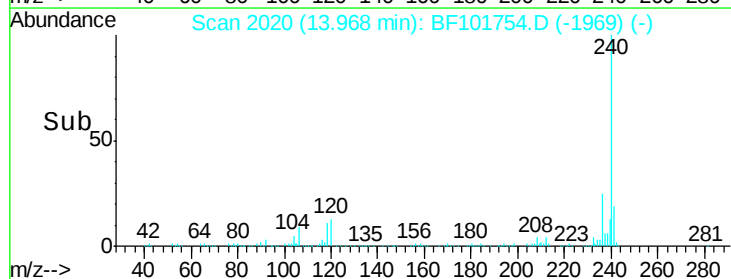
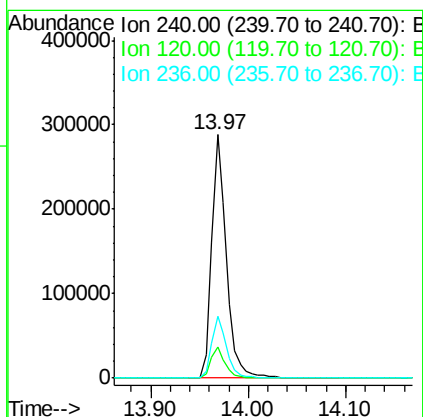
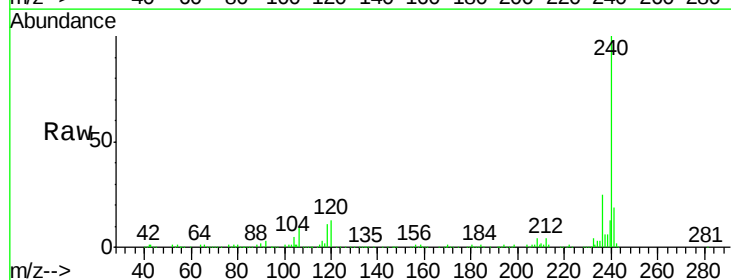
Instrument :
BNA_F
ClientSampleId :
TR-04-122217

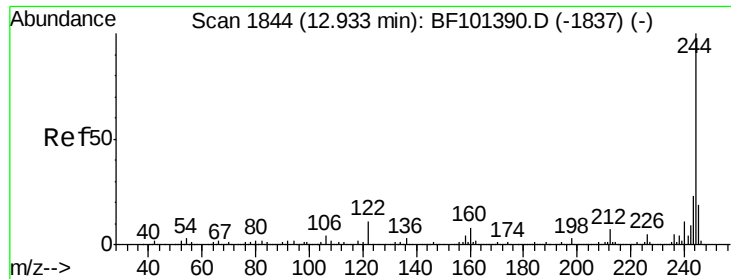
Tgt Ion:188 Resp: 313221
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101754.D
Acq: 27 Dec 2017 10:29

Tgt Ion:240 Resp: 301667
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.2 20.7 31.1





#78

Terphenyl-d14

Concen: 89.516 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101754.D

Acq: 27 Dec 2017 10:29

Instrument :

BNA_F

ClientSampleId :

TR-04-122217

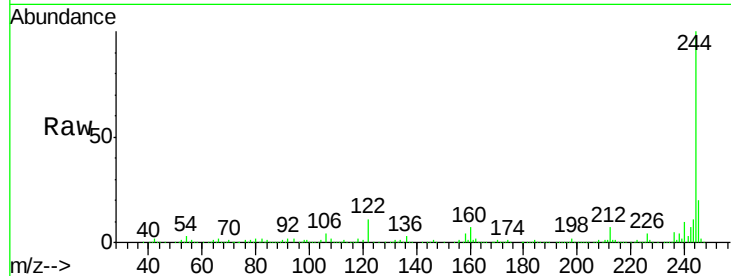
Tgt Ion:244 Resp: 1120142

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

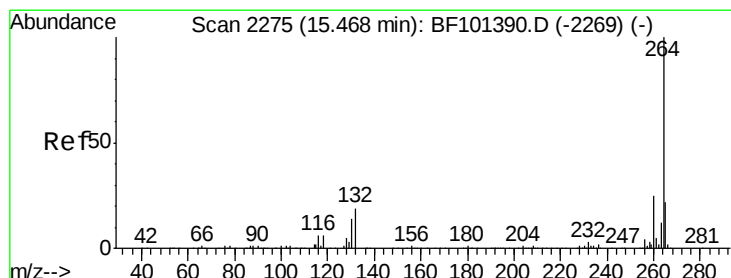
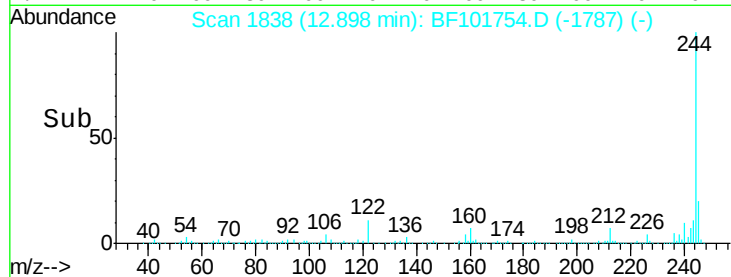
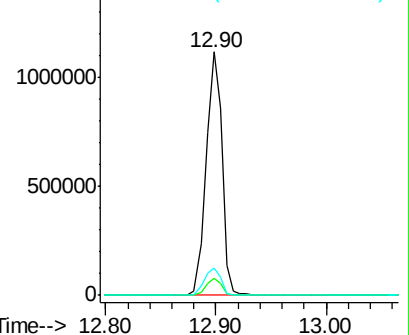
122 11.4 11.0 16.4



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: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101754.D

Acq: 27 Dec 2017 10:29

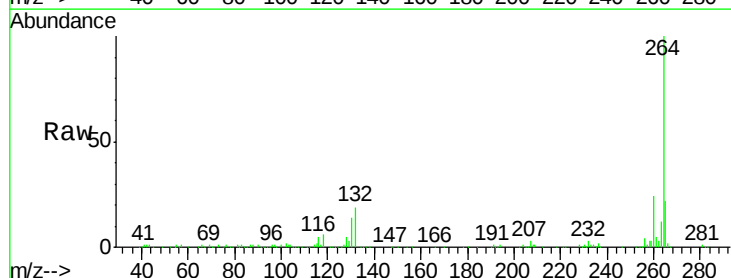
Tgt Ion:264 Resp: 249432

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.1 17.5 26.3



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

