

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101648.D
 Acq On : 22 Dec 2017 11:10
 Operator : SJ/JU
 Sample : I7008-14
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121817-TIFR-E-U-S

Quant Time: Dec 22 11:41:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143890	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	551640	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	212035	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	320737	20.00	ng	0.00
75) Chrysene-d12	13.97	240	319337	20.00	ng	0.00
86) Perylene-d12	15.44	264	241273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	483660	50.07	ng	0.00
7) Phenol-d6	6.44	99	385627	32.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	881159	88.92	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	150247	73.54	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1353473	99.02	ng	0.00
78) Terphenyl-d14	12.90	244	983914	74.28	ng	0.00

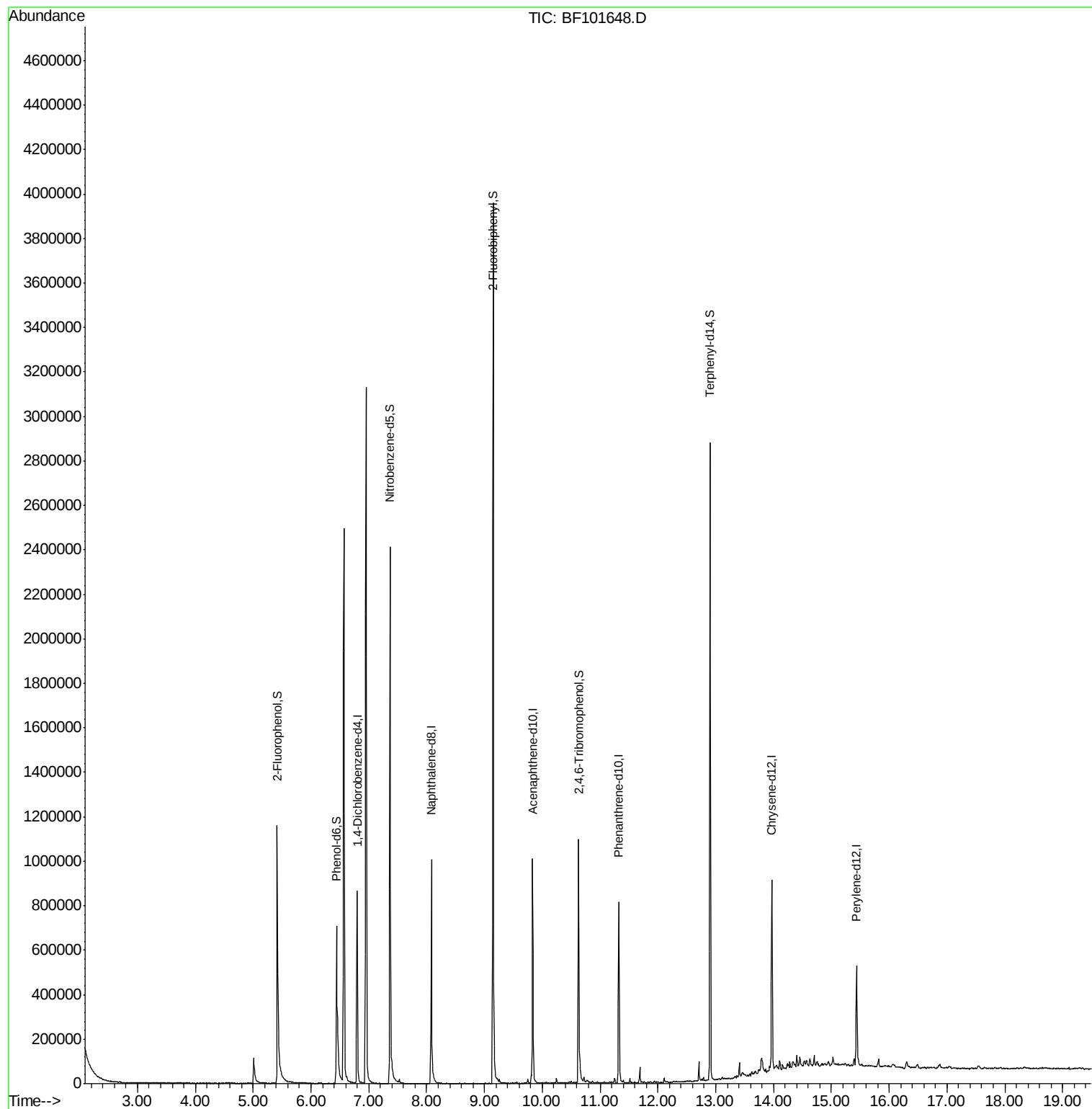
Target Compounds Qvalue

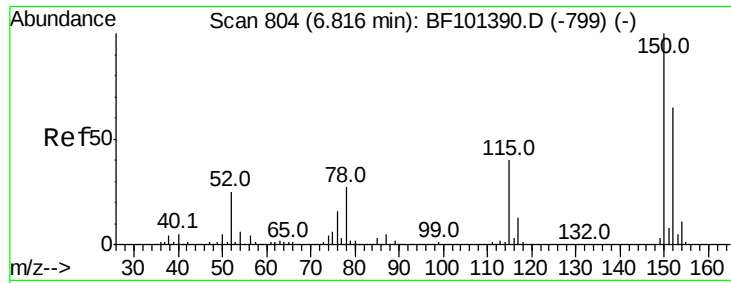
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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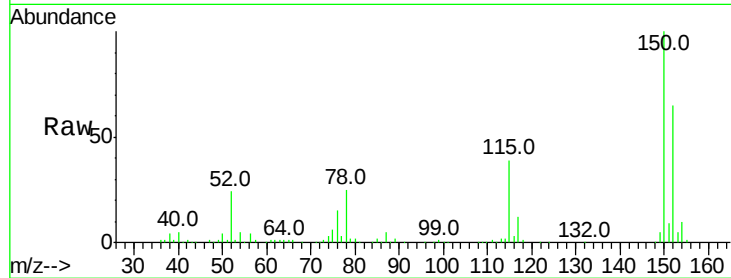


#1

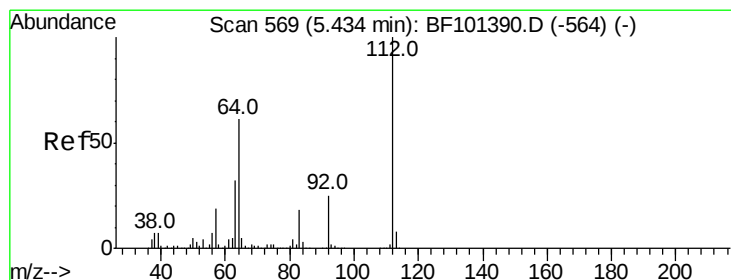
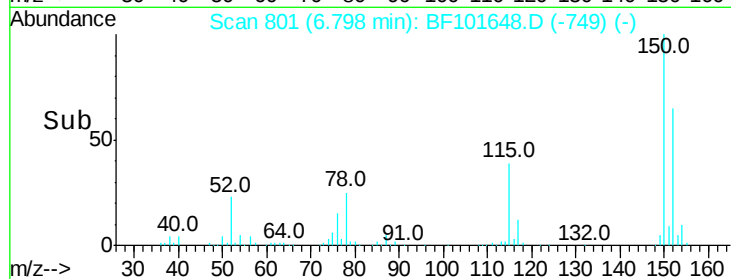
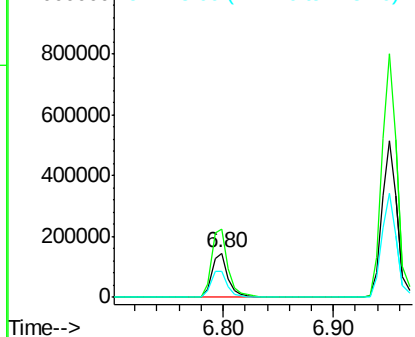
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF101648.D
 Acq: 22 Dec 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :
 121817-TIFR-E-U-S

Tot Ion:152 Resp: 143890
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 60.2 50.1 75.1



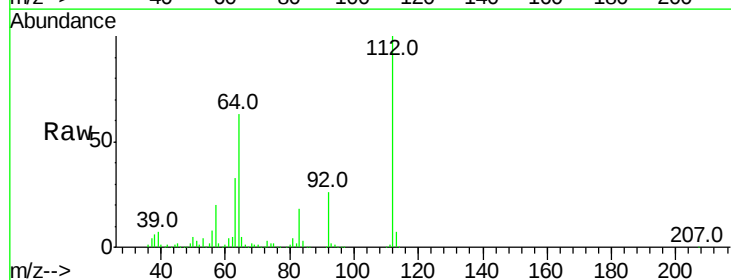
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



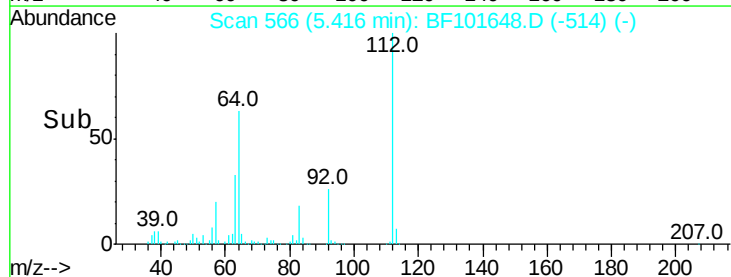
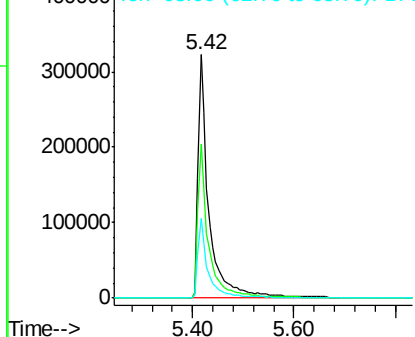
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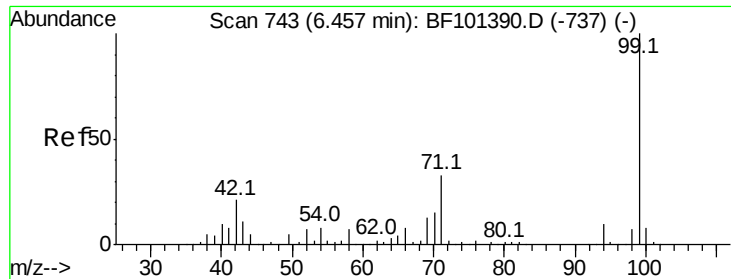
2-Fluorophenol
 Concen: 50.069 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101648.D
 Acq: 22 Dec 2017 11:10

Tgt Ion:112 Resp: 483660
 Ion Ratio Lower Upper
 112 100
 64 63.2 47.9 71.9
 63 33.0 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: 32.077 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101648.D

Acq: 22 Dec 2017 11:10

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-U-S

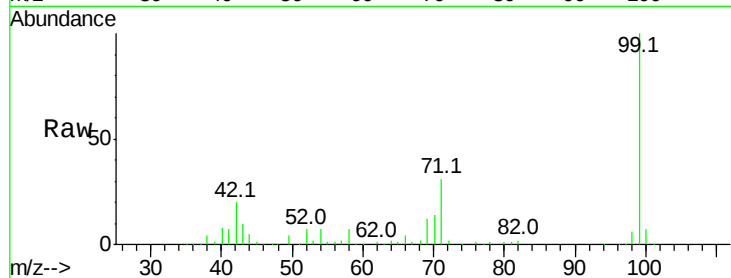
Tot Ion: 99 Resp: 385627

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

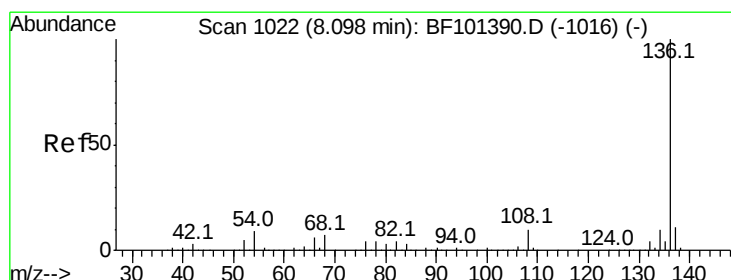
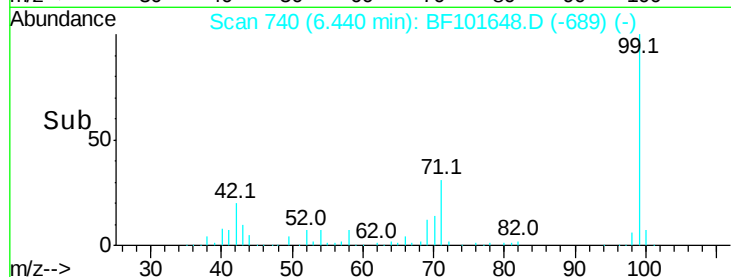
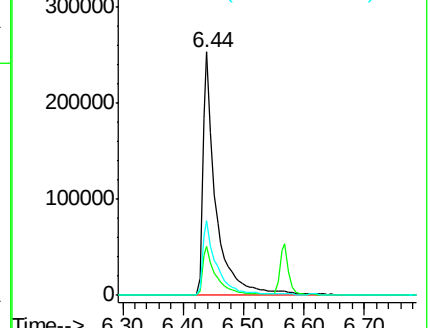
71 30.7 25.4 38.0



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: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF101648.D

Acq: 22 Dec 2017 11:10

Tgt Ion: 136 Resp: 551640

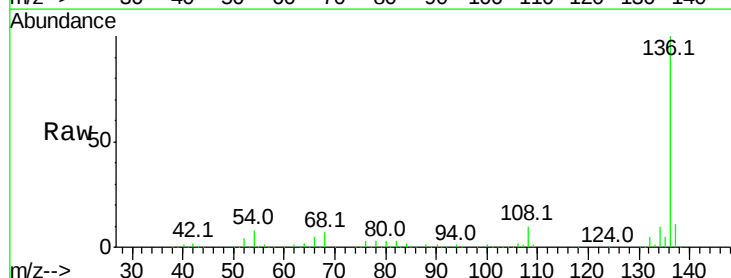
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.4 6.6 9.8

68 6.6 5.0 7.4

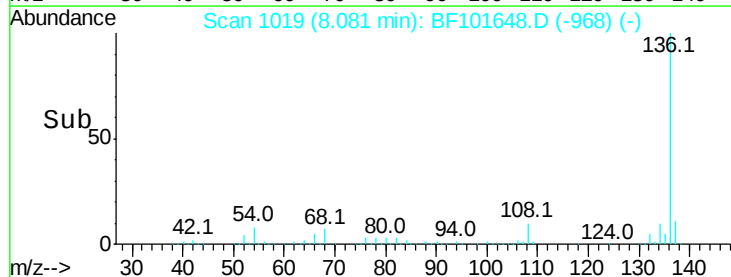
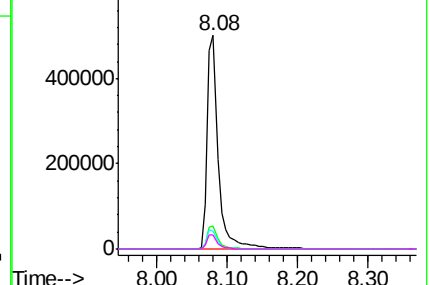


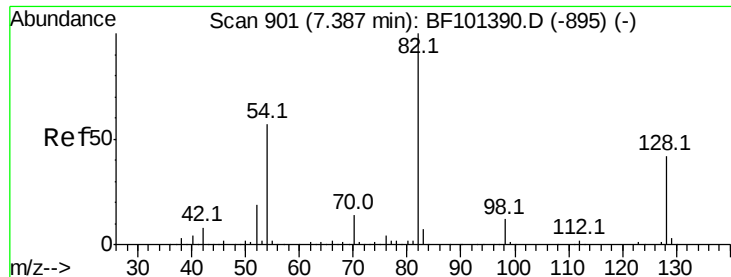
Abundance Ion 136.00 (135.70 to 136.70): E

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

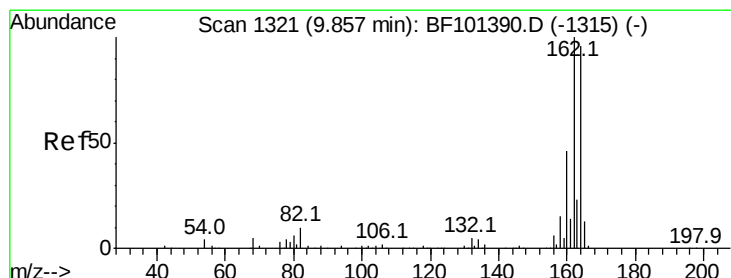
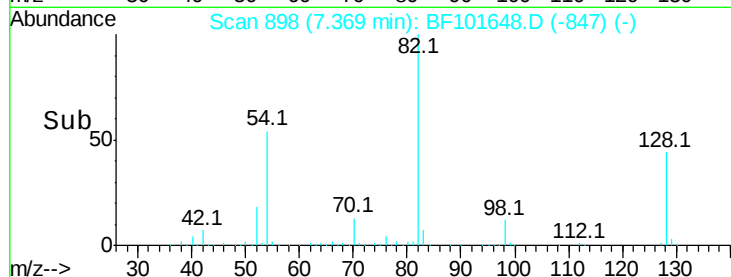
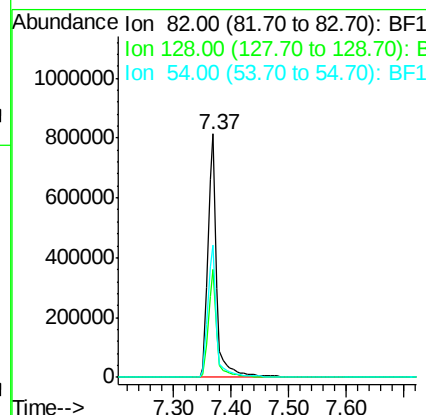
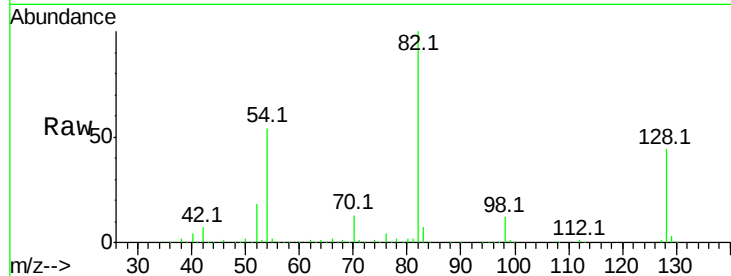




#23
Nitrobenzene-d5
Concen: 88.917 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101648.D
Acq: 22 Dec 2017 11:10

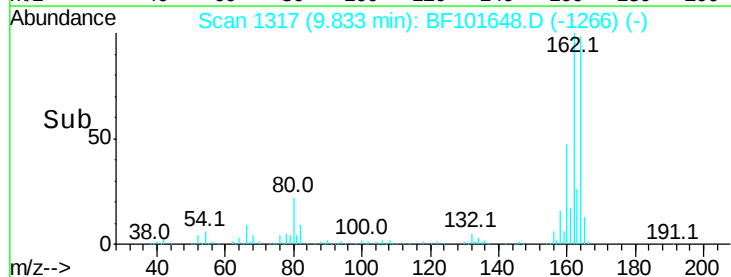
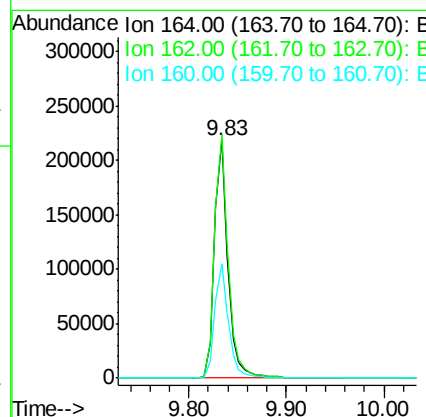
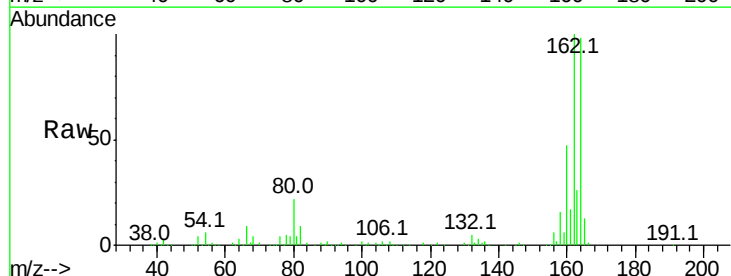
Instrument :
BNA_F
ClientSampleId :
121817-TIFR-E-U-S

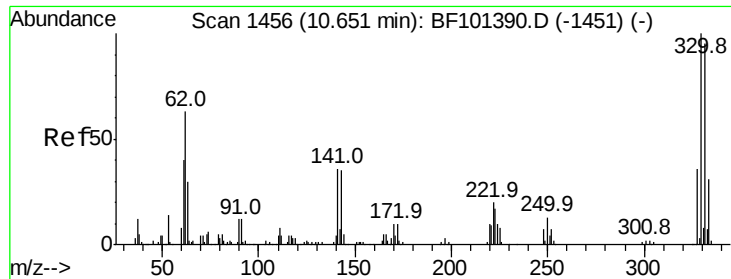
Tot Ion: 82 Resp: 881159
Ion Ratio Lower Upper
82 100
128 44.5 36.1 54.1
54 54.2 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF101648.D
Acq: 22 Dec 2017 11:10

Tgt Ion:164 Resp: 212035
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 47.8 38.3 57.5

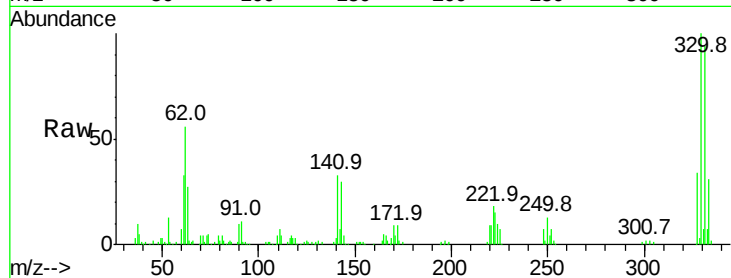




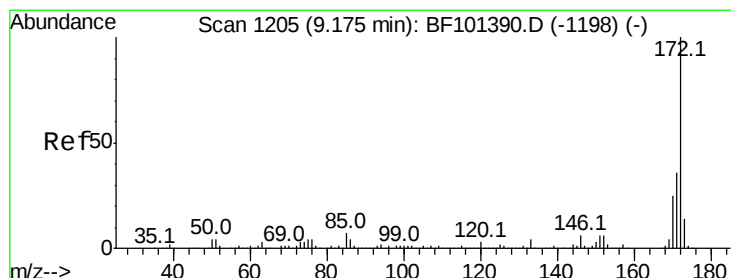
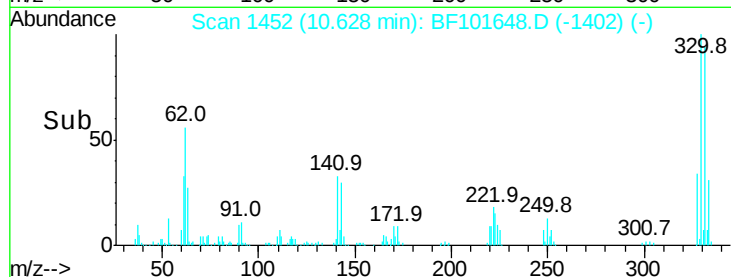
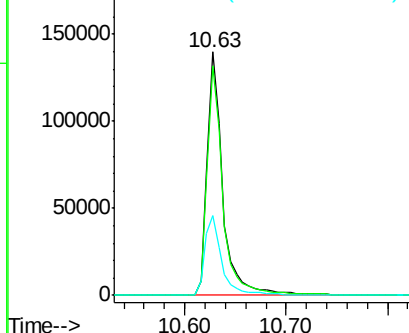
#41
 2,4,6-Tribromophenol
 Concen: 73.538 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101648.D
 Acq: 22 Dec 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :
 121817-TIFR-E-U-S

Tot Ion:330 Resp: 150247
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 35.1 29.9 44.9

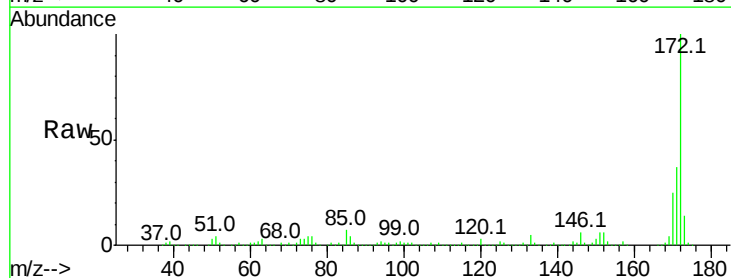


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

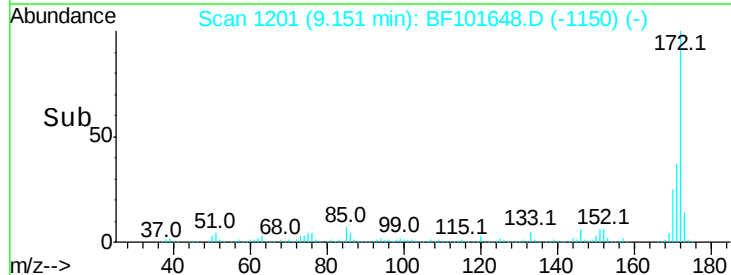
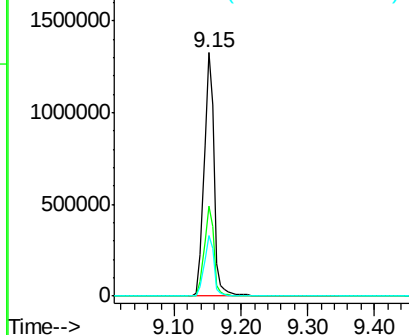


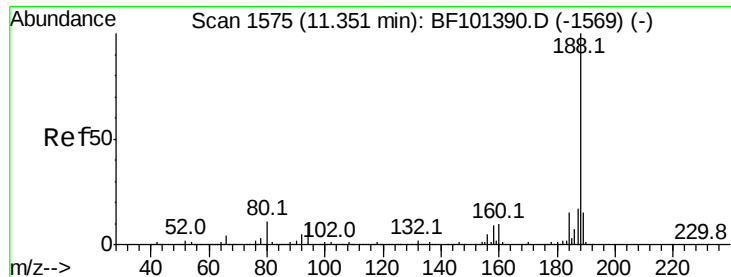
#44
 2-Fluorobiphenyl
 Concen: 99.020 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101648.D
 Acq: 22 Dec 2017 11:10

Tgt Ion:172 Resp: 1353473
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.8 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

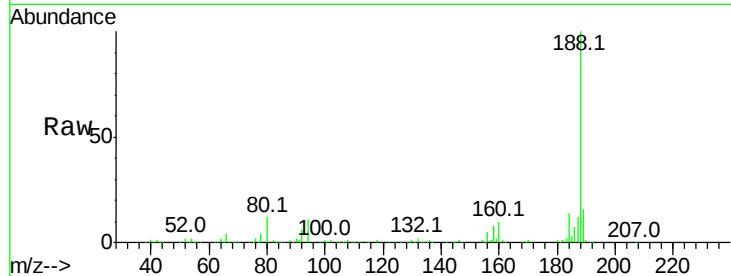




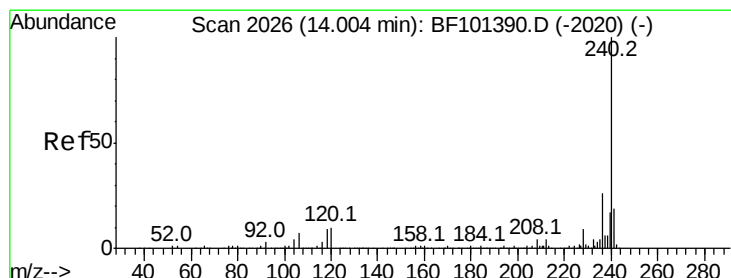
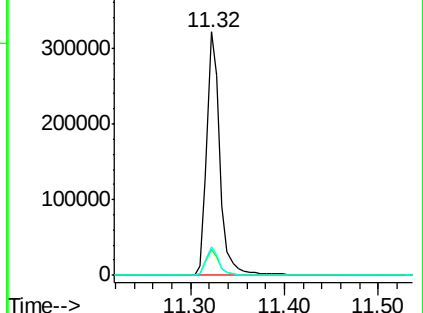
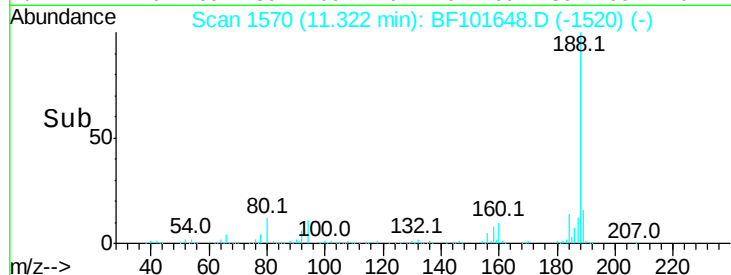
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101648.D
Acq: 22 Dec 2017 11:10

Instrument :
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ClientSampleId :
121817-TIFR-E-U-S

Tot Ion:188 Resp: 320737
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.8 9.2 13.8

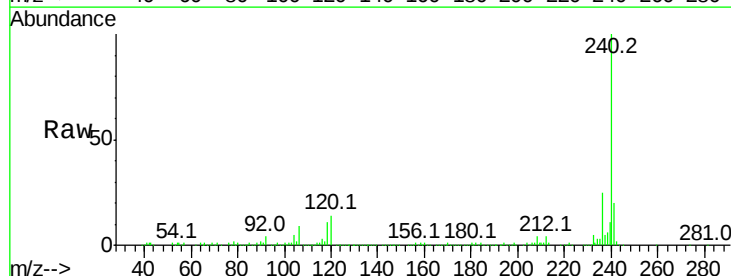


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

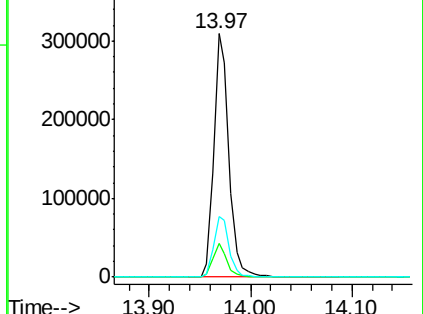
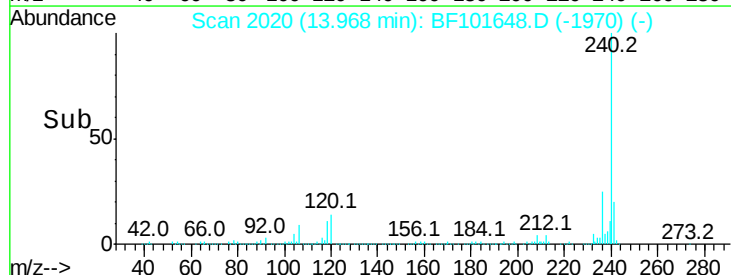


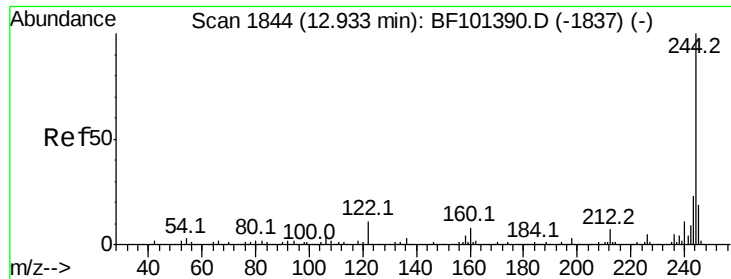
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101648.D
Acq: 22 Dec 2017 11:10

Tgt Ion:240 Resp: 319337
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 24.9 20.7 31.1



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: 74.279 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101648.D

Acq: 22 Dec 2017 11:10

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-U-S

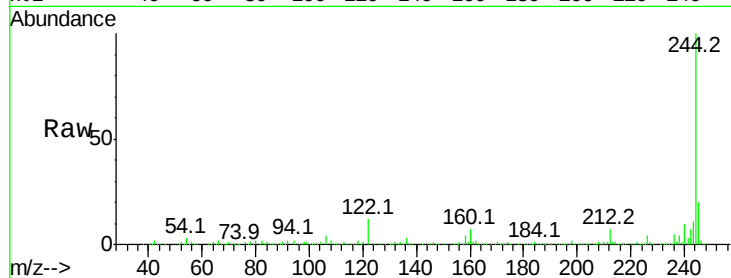
Tot Ion:244 Resp: 983914

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

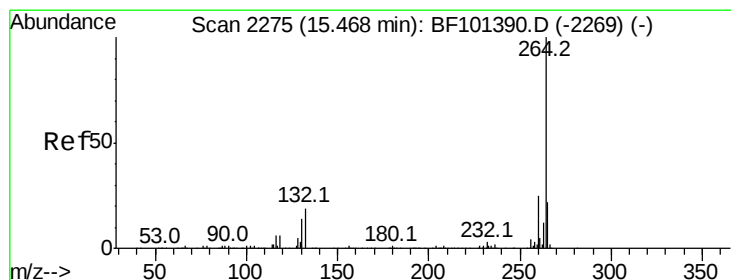
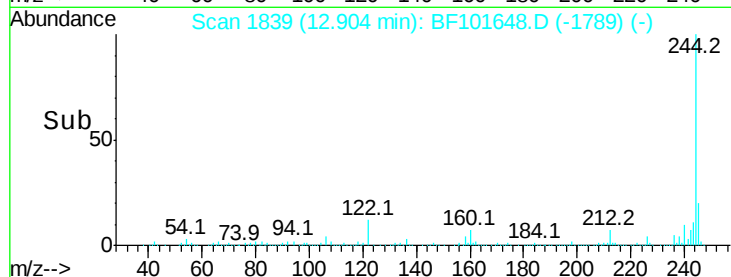
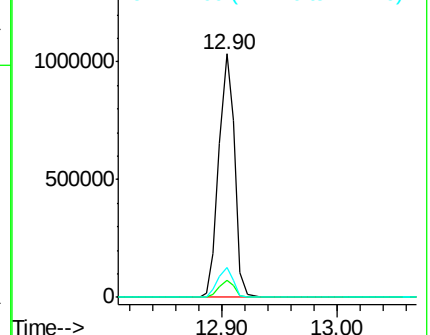
122 12.3 11.0 16.4



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: BF101648.D

Acq: 22 Dec 2017 11:10

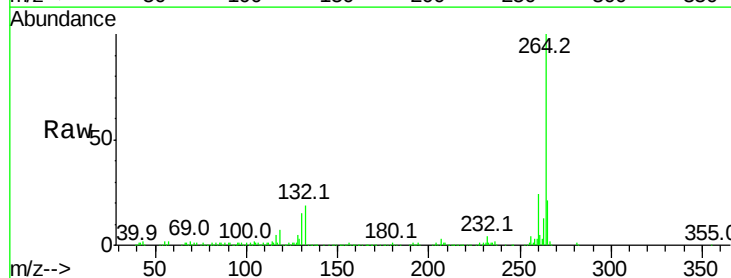
Tgt Ion:264 Resp: 241273

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.5 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

