

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101642.D
 Acq On : 22 Dec 2017 8:28
 Operator : SJ/JU
 Sample : I7008-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121817-TIFR-E-D-B

Quant Time: Dec 22 10:30:36 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

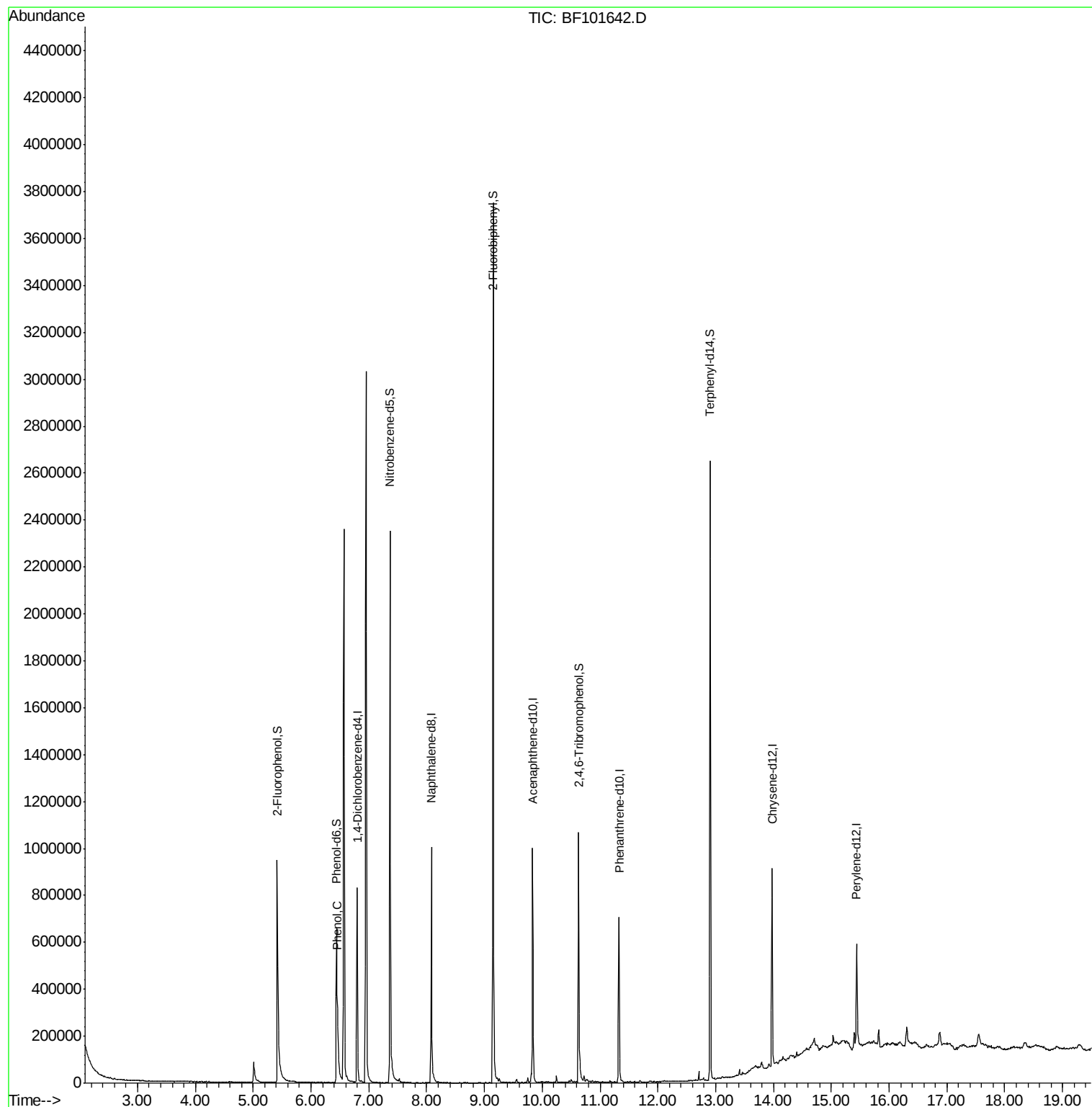
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140540	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	531297	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	202348	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	305665	20.00	ng	0.00
75) Chrysene-d12	13.97	240	308061	20.00	ng	0.00
86) Perylene-d12	15.44	264	234814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	420016	44.52	ng	0.00
7) Phenol-d6	6.44	99	332940	28.35	ng	0.00
23) Nitrobenzene-d5	7.37	82	835979	87.59	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	140106	71.86	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1313285	100.68	ng	0.00
78) Terphenyl-d14	12.90	244	944784	73.94	ng	0.00
Target Compounds						
10) Phenol	6.46	94	42391	3.167	ng	Qvalue # 77

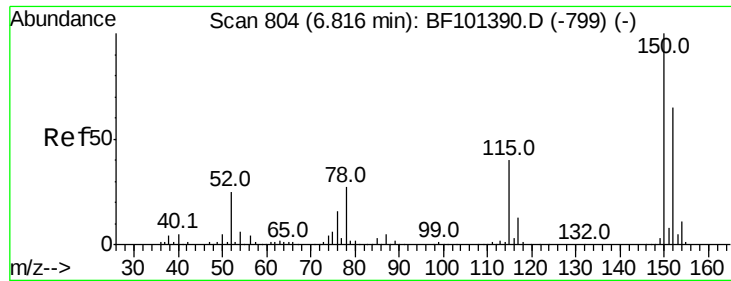
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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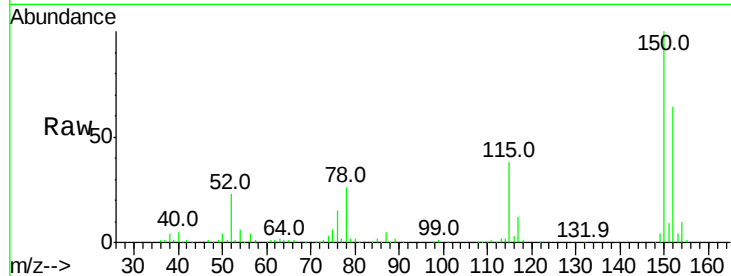


#1

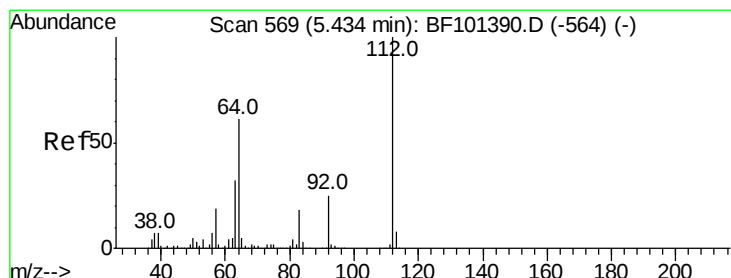
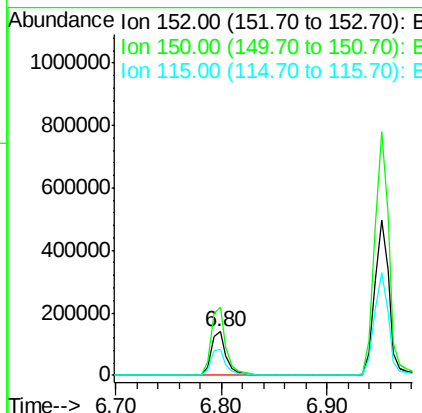
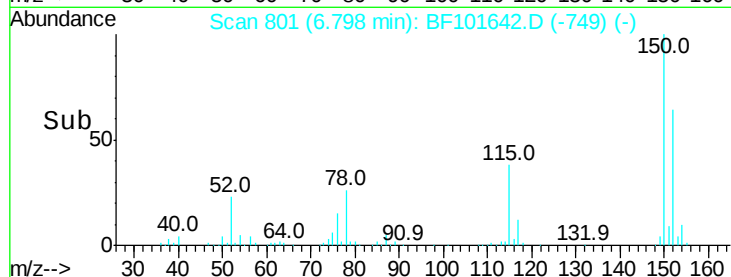
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101642.D
Acq: 22 Dec 2017 8:28

Instrument :
BNA_F
ClientSampleId :
121817-TIFR-E-D-B

Tot Ion:152 Resp: 140540
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 58.4 50.1 75.1



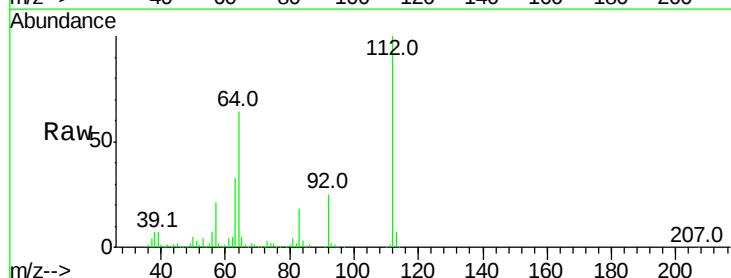
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



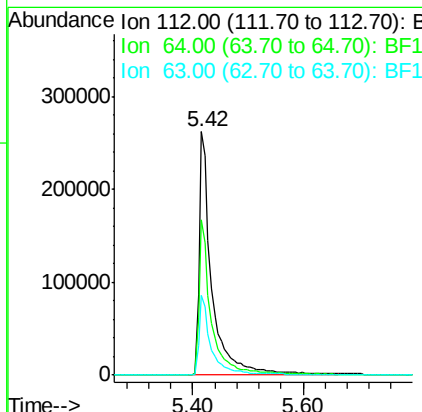
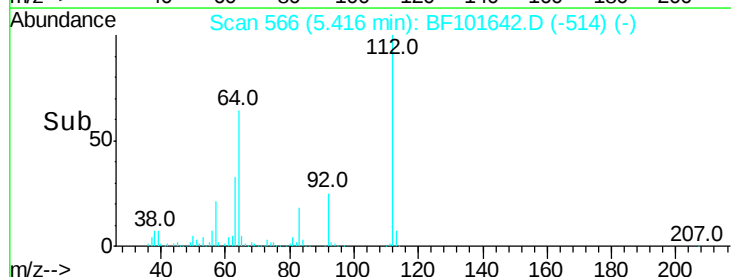
#5

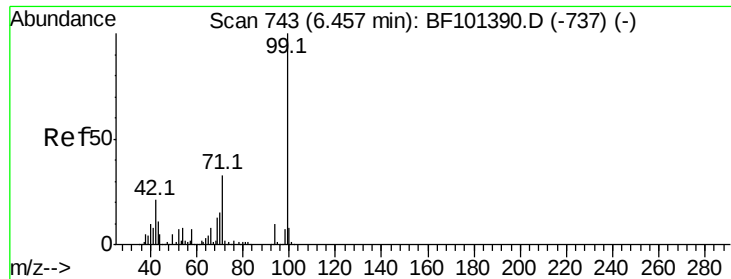
2-Fluorophenol
Concen: 44.517 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101642.D
Acq: 22 Dec 2017 8:28

Tgt Ion:112 Resp: 420016
Ion Ratio Lower Upper
112 100
64 63.8 47.9 71.9
63 32.7 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: 28.354 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101642.D

Acq: 22 Dec 2017 8:28

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-D-B

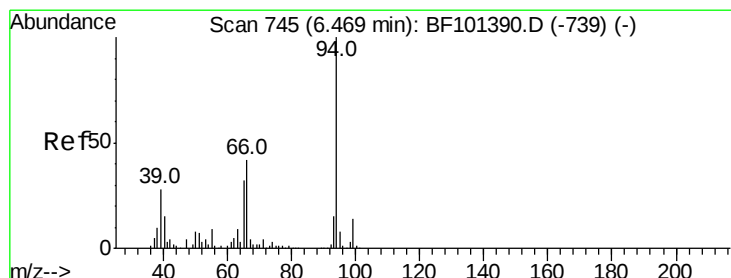
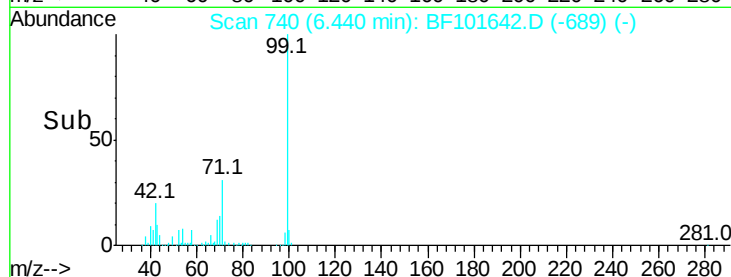
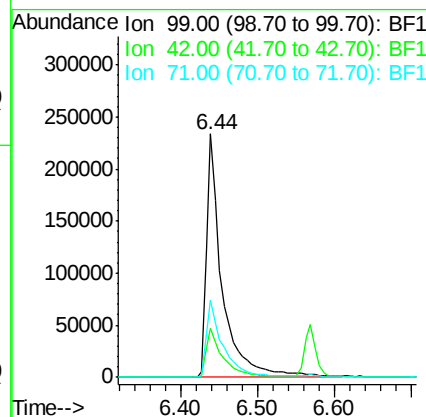
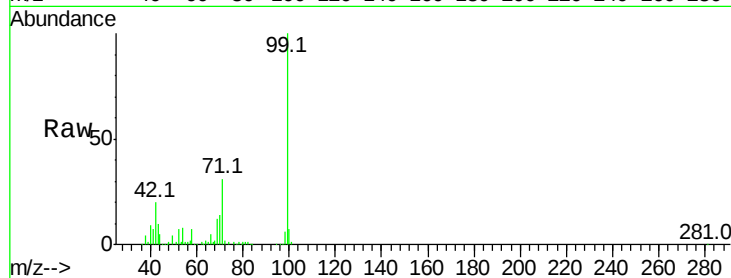
Tot Ion: 99 Resp: 332940

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 31.5 25.4 38.0



#10

Phenol

Concen: 3.167 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101642.D

Acq: 22 Dec 2017 8:28

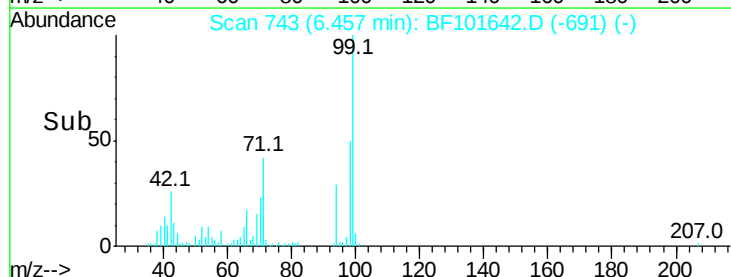
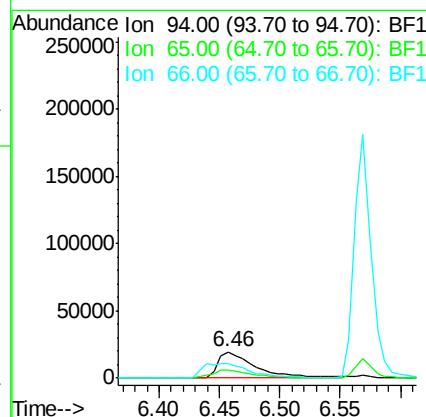
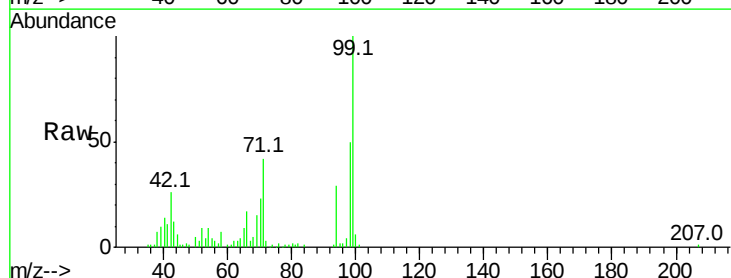
Tgt Ion: 94 Resp: 42391

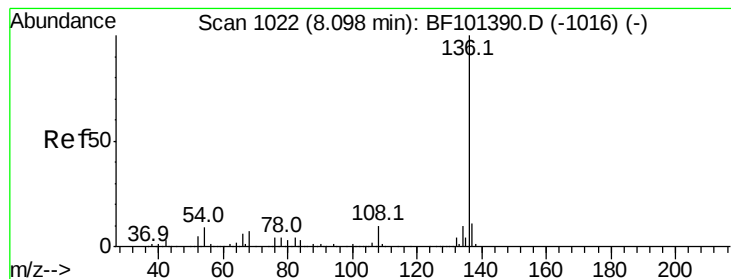
Ion Ratio Lower Upper

94 100

65 32.4 7.9 47.9

66 56.8 16.2 56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF101642.D

Acq: 22 Dec 2017 8:28

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-D-B

Tot Ion:136 Resp: 531297

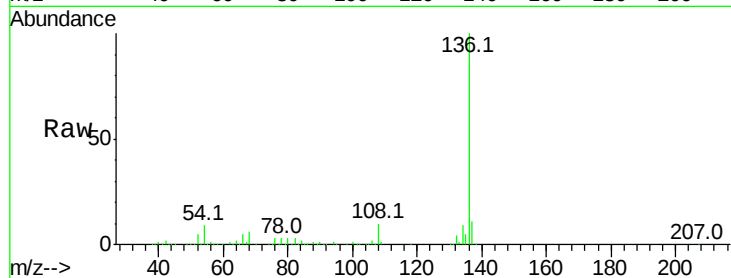
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.9 6.6 9.8

68 6.5 5.0 7.4

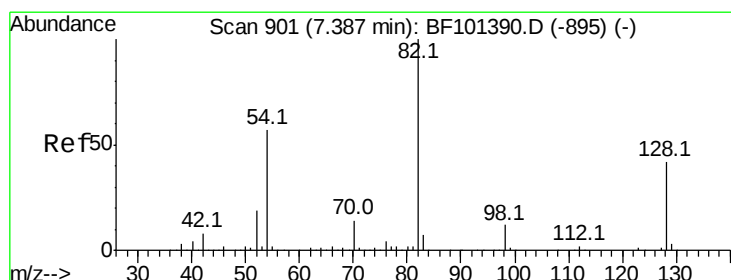
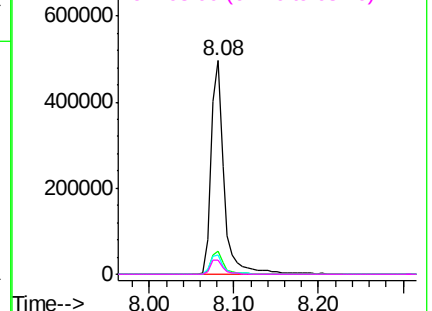
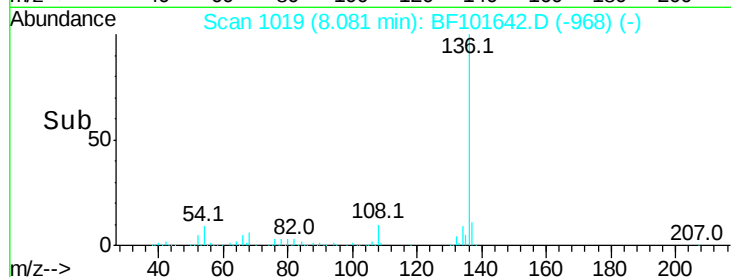


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.588 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF101642.D

Acq: 22 Dec 2017 8:28

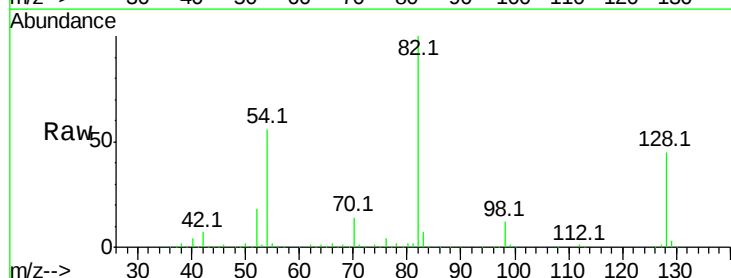
Tgt Ion: 82 Resp: 835979

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

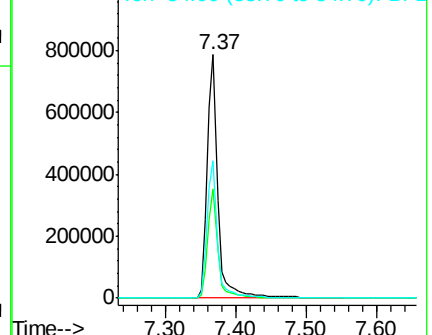
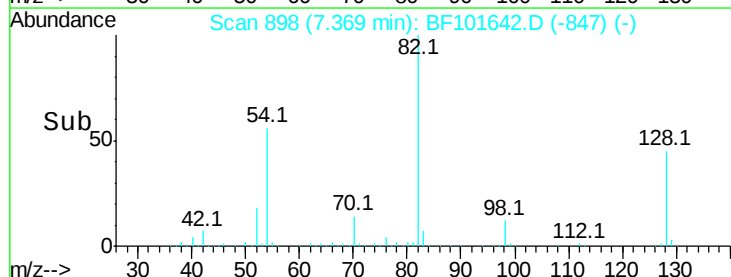
54 56.3 41.4 62.2

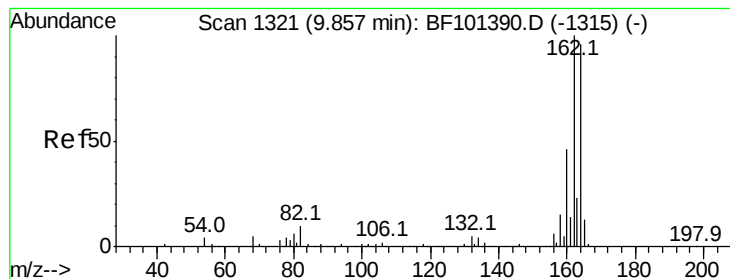


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF101642.D

Acq: 22 Dec 2017 8:28

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-D-B

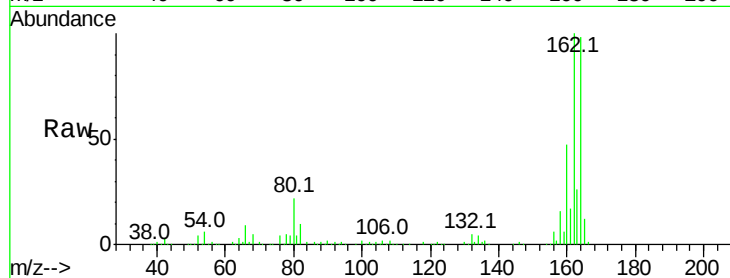
Tot Ion:164 Resp: 202348

Ion Ratio Lower Upper

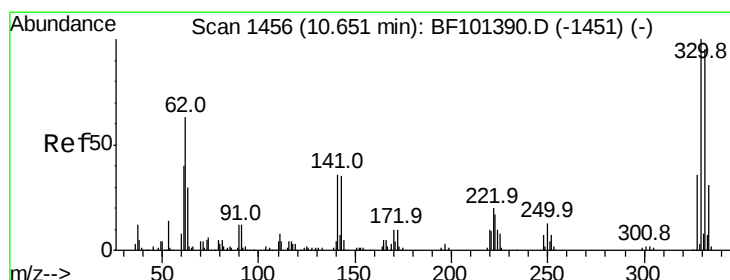
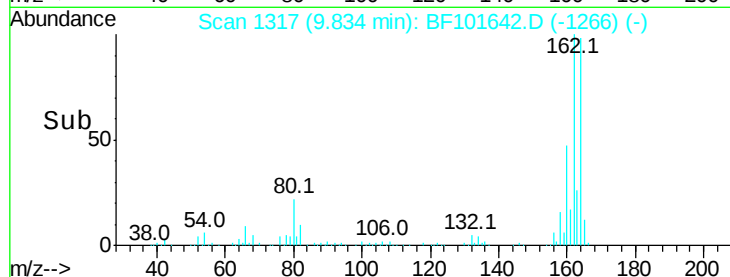
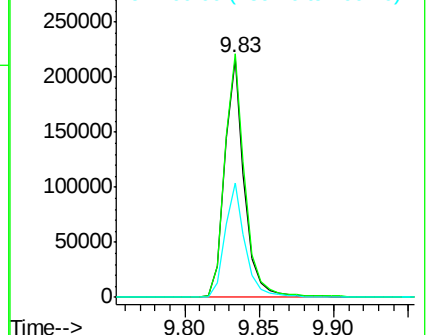
164 100

162 101.9 86.1 129.1

160 48.1 38.3 57.5



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: 71.857 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF101642.D

Acq: 22 Dec 2017 8:28

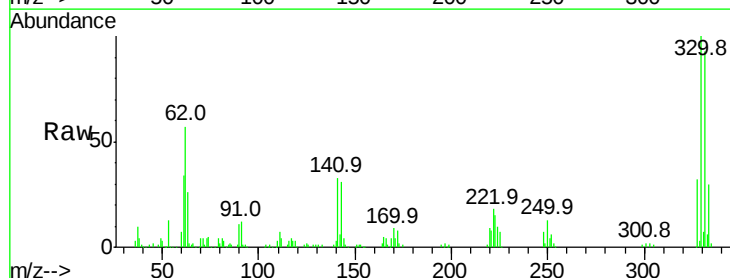
Tgt Ion:330 Resp: 140106

Ion Ratio Lower Upper

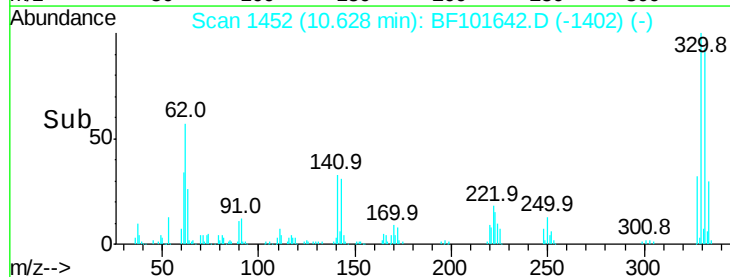
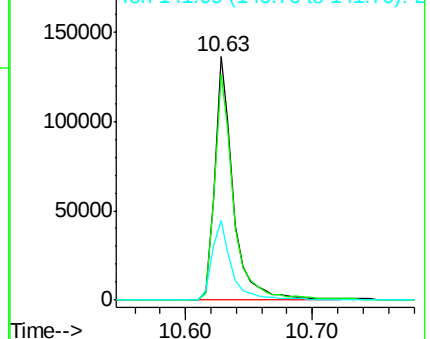
330 100

332 97.0 77.0 115.6

141 34.5 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



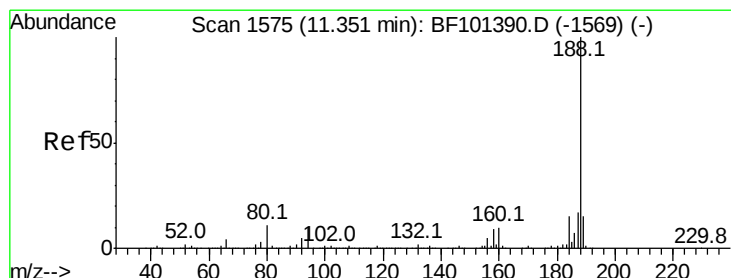
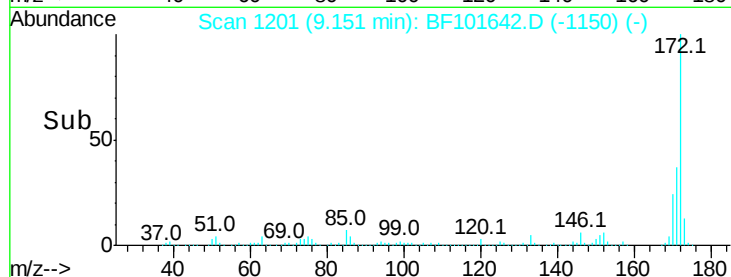
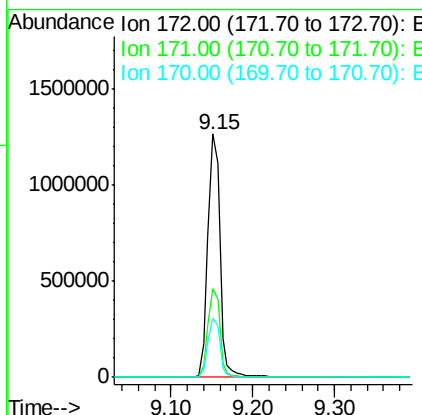
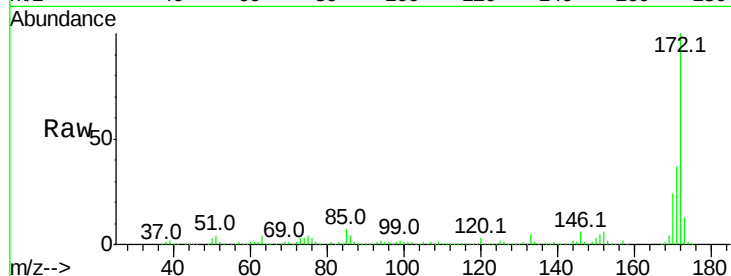


#44
 2-Fluorobiphenyl
 Concen: 100.679 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101642.D
 Acq: 22 Dec 2017 8:28

Instrument :
 BNA_F
 ClientSampleId :
 121817-TIFR-E-D-B

Tot Ion:172 Resp: 1313285

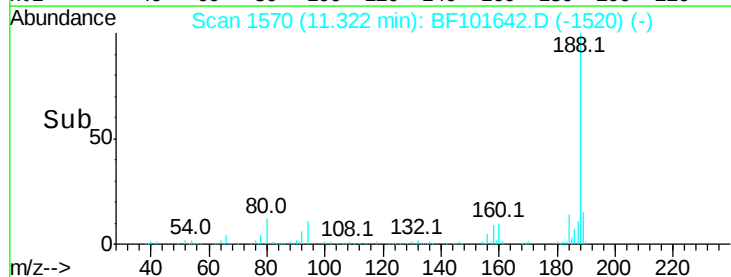
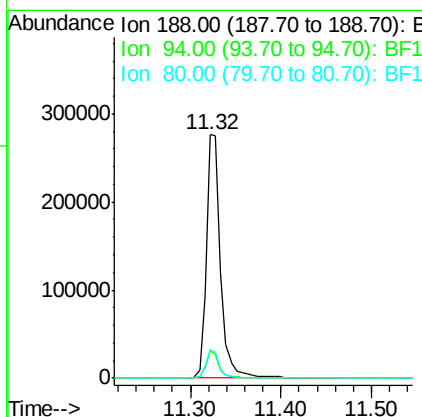
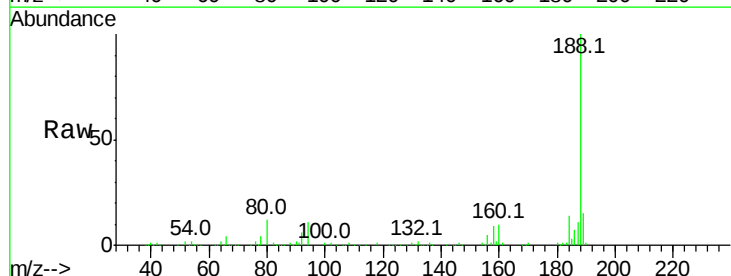
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.1	19.6	29.4

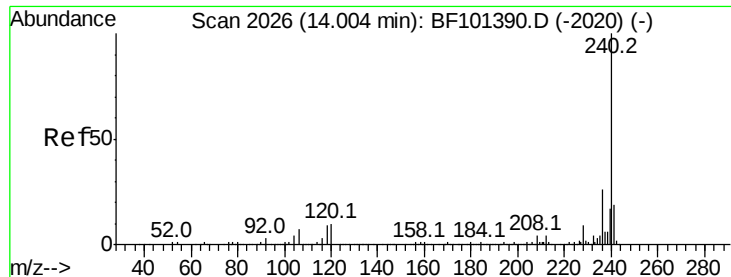


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF101642.D
 Acq: 22 Dec 2017 8:28

Tgt Ion:188 Resp: 305665

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.9	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF101642.D

Acq: 22 Dec 2017 8:28

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-D-B

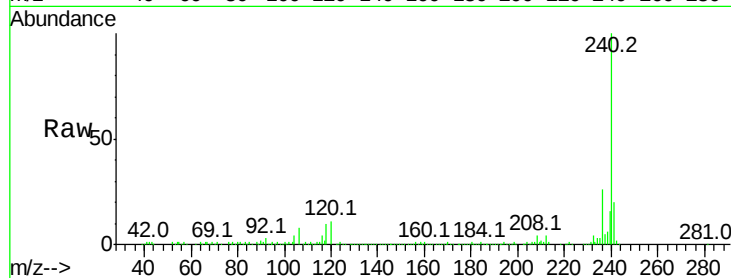
Tot Ion:240 Resp: 308061

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

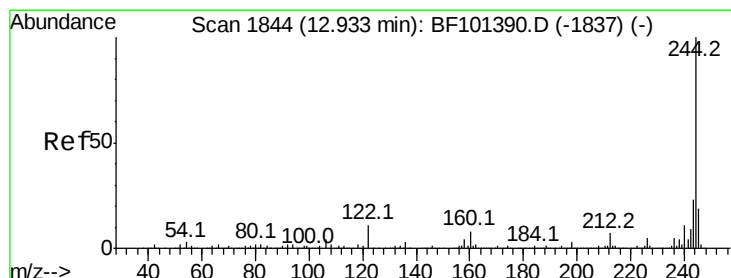
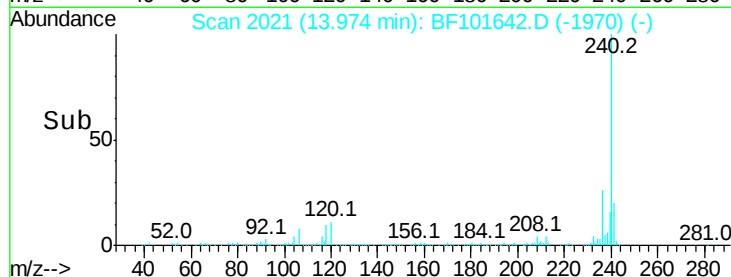
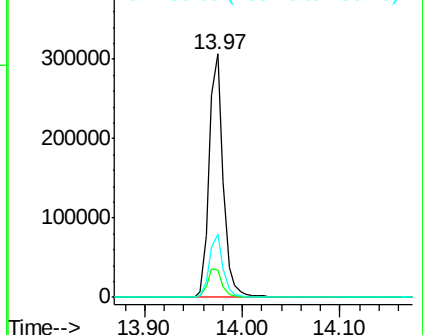
236 26.2 20.7 31.1



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: 73.935 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101642.D

Acq: 22 Dec 2017 8:28

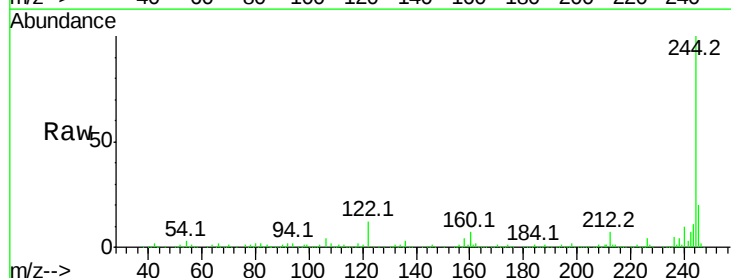
Tgt Ion:244 Resp: 944784

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

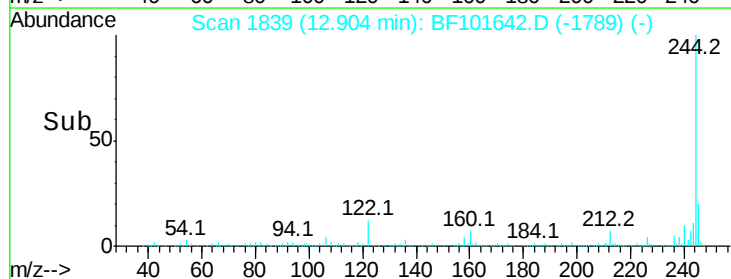
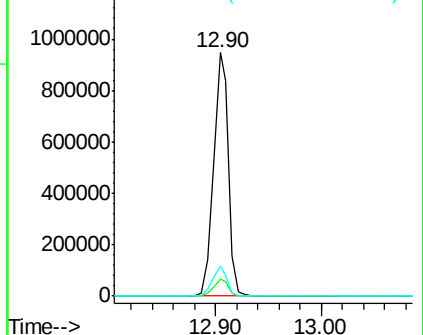
122 12.4 11.0 16.4

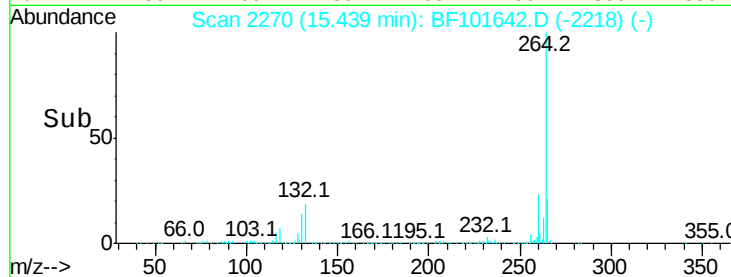
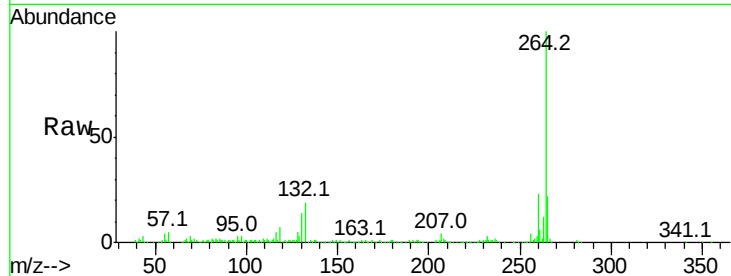
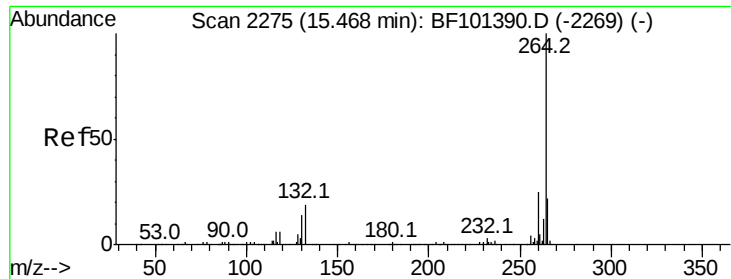


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101642.D

Acq: 22 Dec 2017 8:28

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-D-B

Tot Ion: 264 Resp: 234814

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.6 17.5 26.3

