

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101645.D
 Acq On : 22 Dec 2017 9:49
 Operator : SJ/JU
 Sample : I7008-11
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

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

Quant Time: Dec 22 10:39:22 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

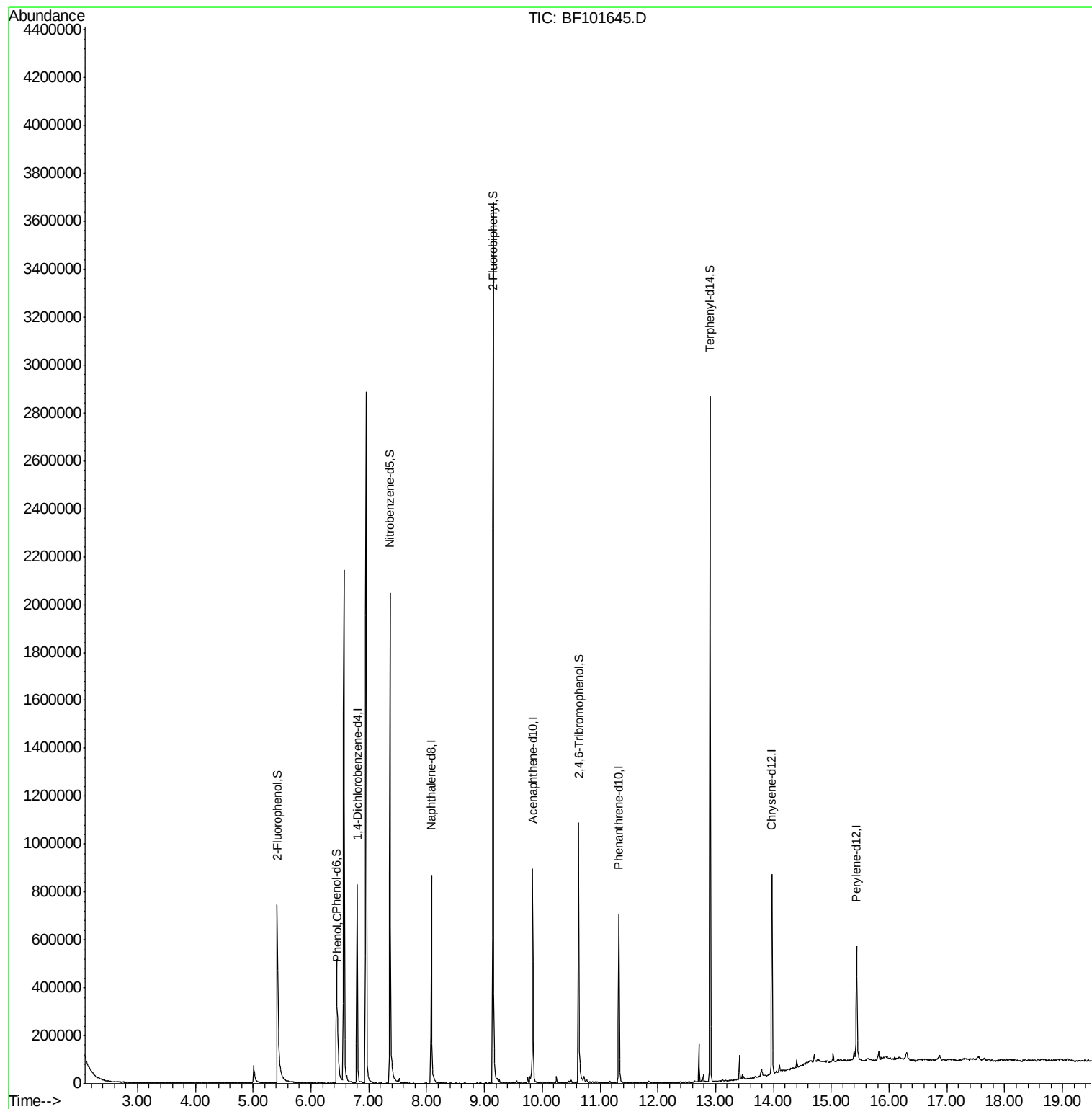
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135376	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	489761	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	180912	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	297131	20.00	ng	0.00
75) Chrysene-d12	13.97	240	324113	20.00	ng	0.00
86) Perylene-d12	15.44	264	242658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	368515	40.55	ng	0.01
7) Phenol-d6	6.44	99	282437	24.97	ng	0.00
23) Nitrobenzene-d5	7.37	82	787314	89.49	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	136851	78.50	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1206262	103.43	ng	0.00
78) Terphenyl-d14	12.90	244	948137	70.52	ng	0.00
Target Compounds						
10) Phenol	6.46	94	30806	2.390	ng	Qvalue # 66

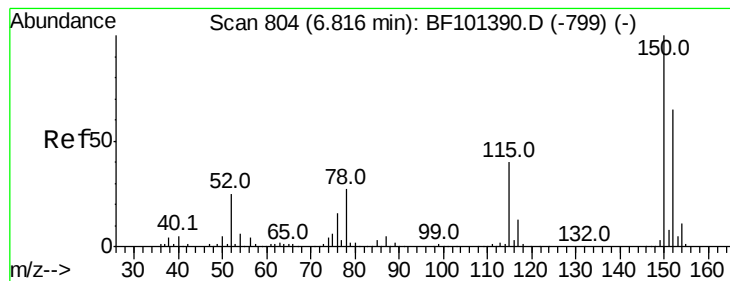
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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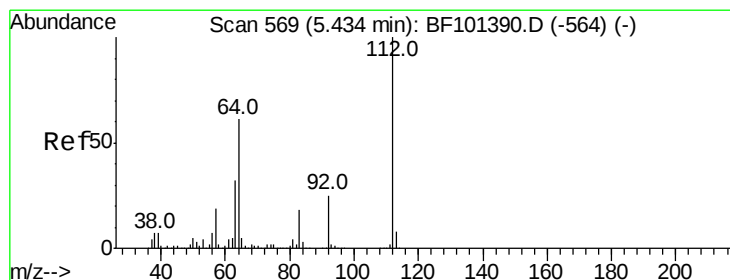
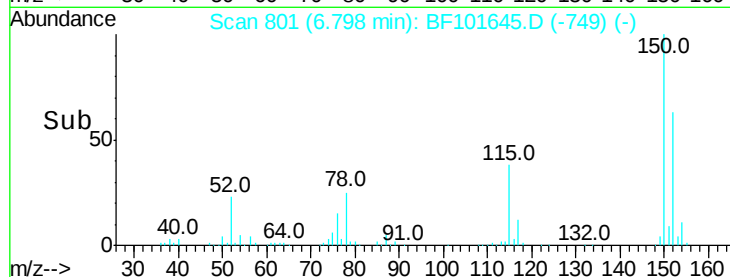
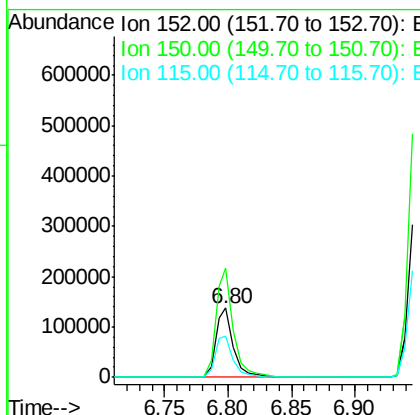
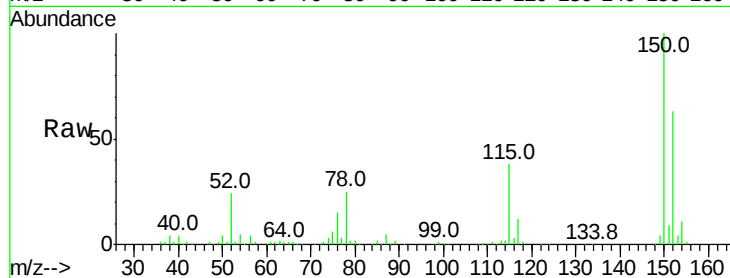


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF101645.D
 Acq: 22 Dec 2017 9:49

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

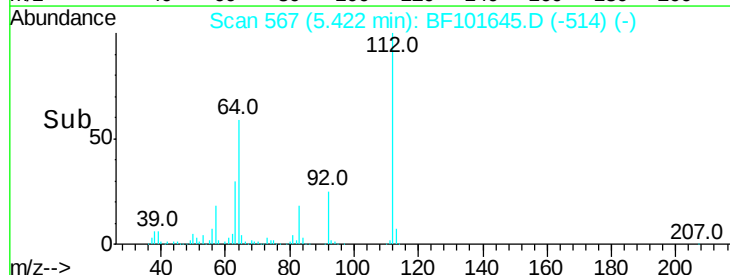
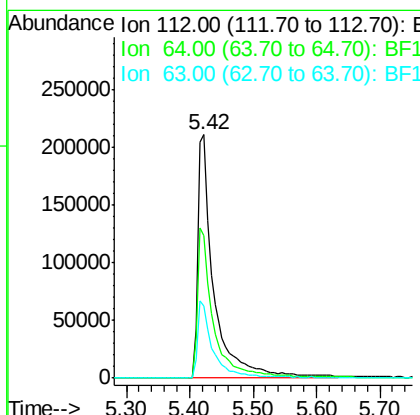
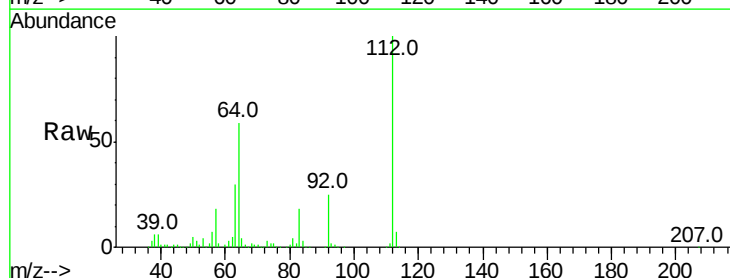
Tot Ion:152 Resp: 135376
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.6 186.8
 115 59.9 50.1 75.1

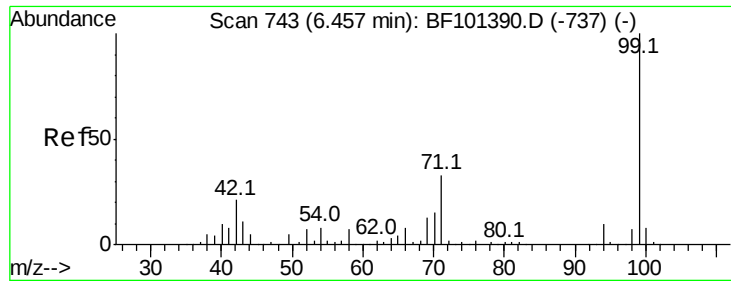


#5

2-Fluorophenol
 Concen: 40.549 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF101645.D
 Acq: 22 Dec 2017 9:49

Tgt Ion:112 Resp: 368515
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.9 71.9
 63 29.6 23.7 35.5





#7

Phenol-d6

Concen: 24.971 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101645.D

Acq: 22 Dec 2017 9:49

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-D-S

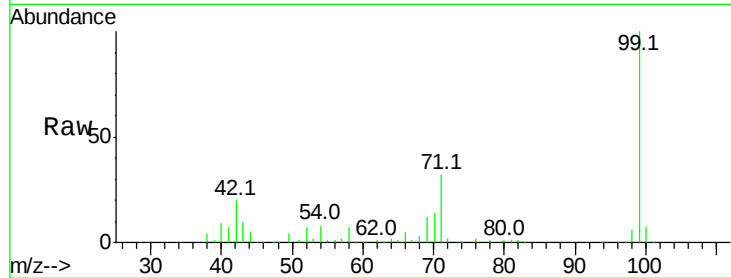
Tot Ion: 99 Resp: 282437

Ion Ratio Lower Upper

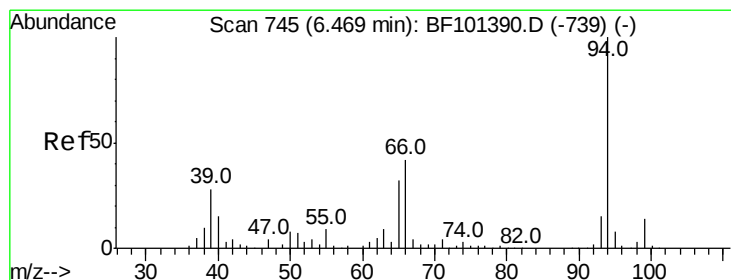
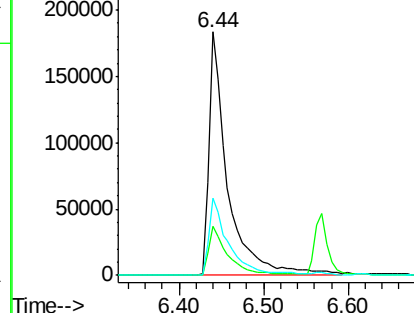
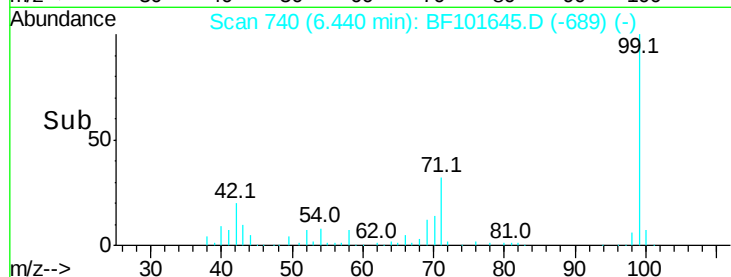
99 100

42 19.9 14.5 21.7

71 32.0 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



#10

Phenol

Concen: 2.390 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101645.D

Acq: 22 Dec 2017 9:49

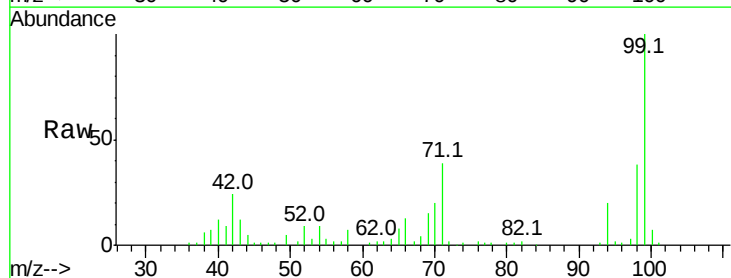
Tgt Ion: 94 Resp: 30806

Ion Ratio Lower Upper

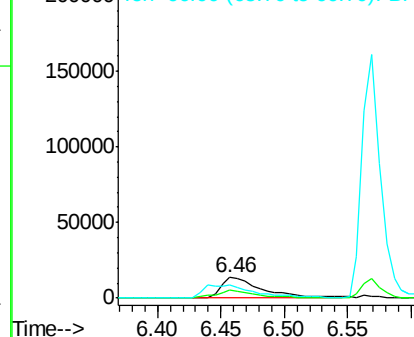
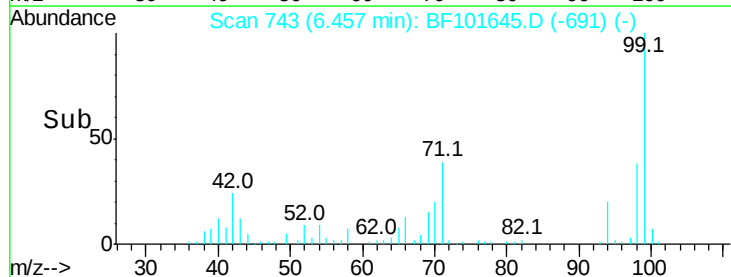
94 100

65 37.7 7.9 47.9

66 62.9 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

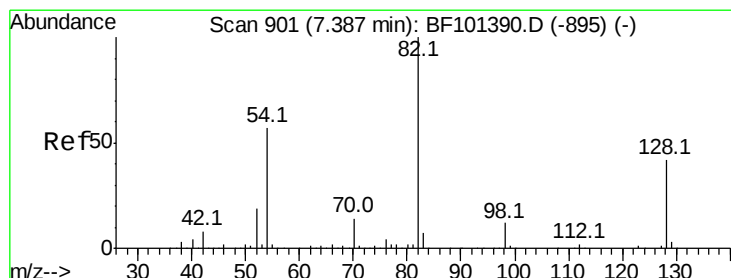
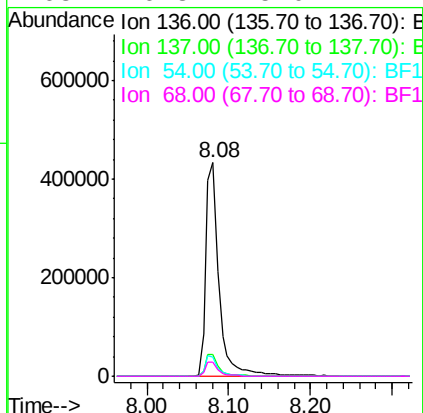
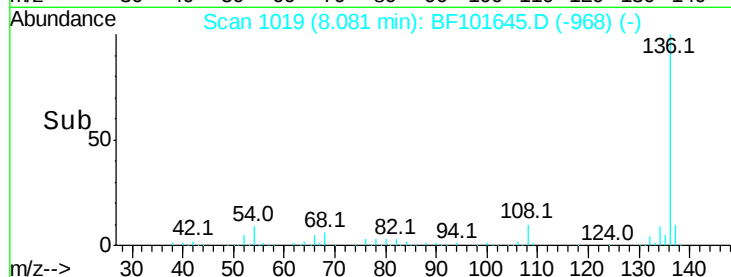
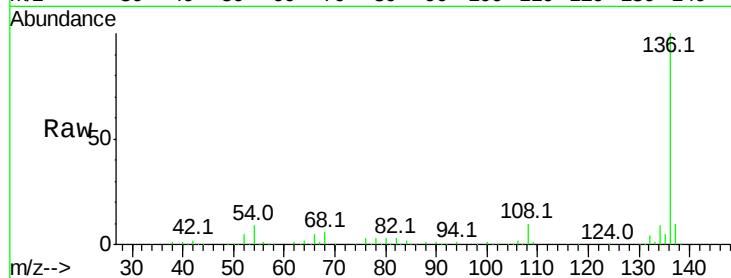




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF101645.D
Acq: 22 Dec 2017 9:49

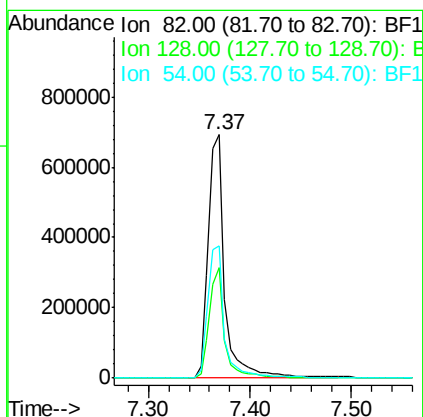
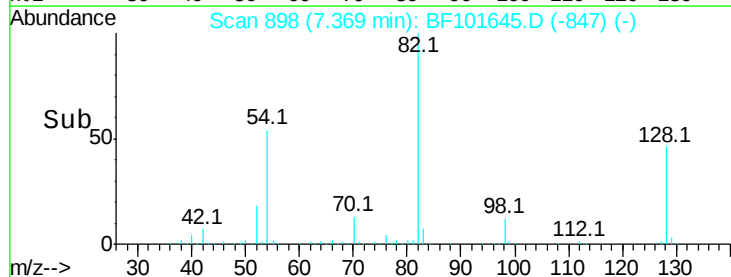
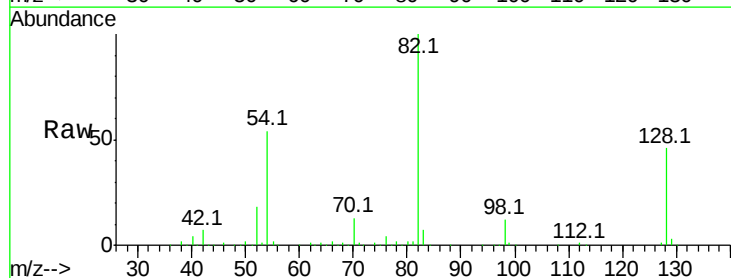
Instrument :
BNA_F
ClientSampleId :
121817-TIFR-E-D-S

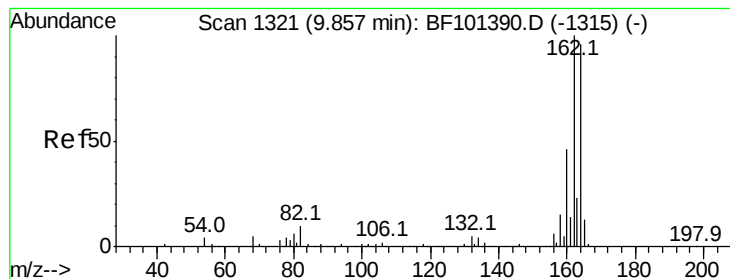
Tot Ion:136	Resp:	489761
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.9 13.3
54	8.8	6.6 9.8
68	6.3	5.0 7.4



#23
Nitrobenzene-d5
Concen: 89.485 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101645.D
Acq: 22 Dec 2017 9:49

Tgt Ion: 82	Resp:	787314
Ion Ratio	Lower	Upper
82	100	
128	45.6	36.1 54.1
54	54.1	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: BF101645.D

Acq: 22 Dec 2017 9:49

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-D-S

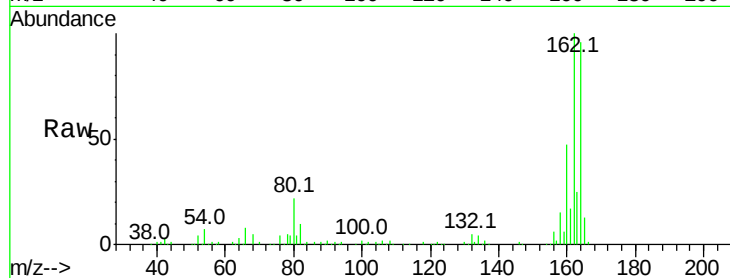
Tot Ion:164 Resp: 180912

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

160 48.8 38.3 57.5

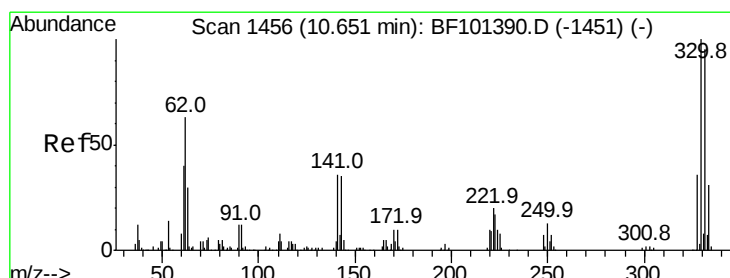
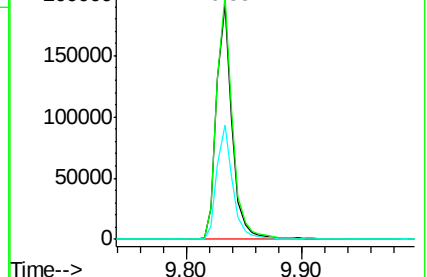
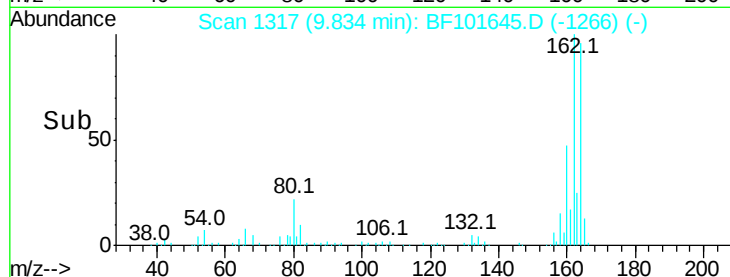


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#41

2,4,6-Tribromophenol

Concen: 78.504 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF101645.D

Acq: 22 Dec 2017 9:49

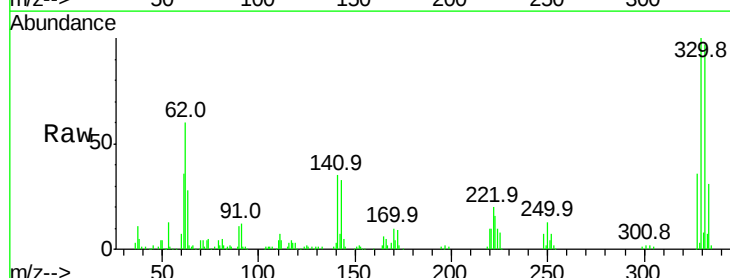
Tgt Ion:330 Resp: 136851

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

141 34.8 29.9 44.9

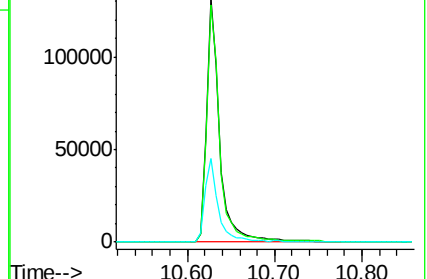
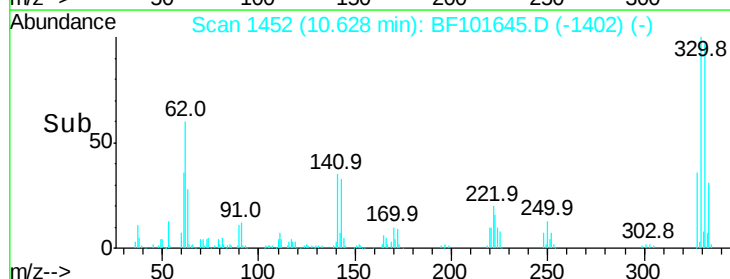


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



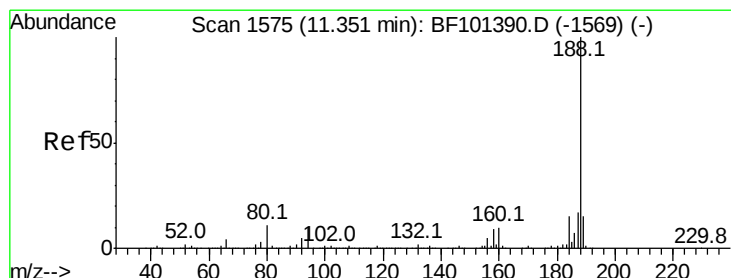
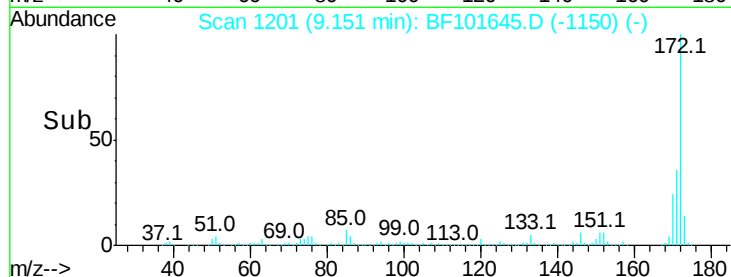
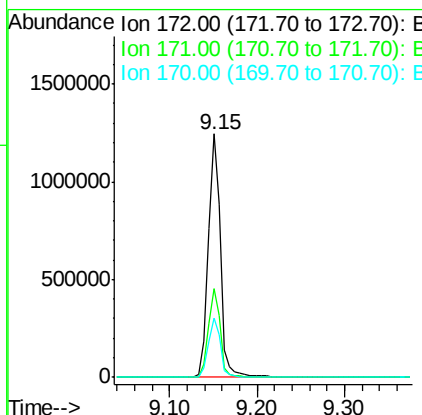
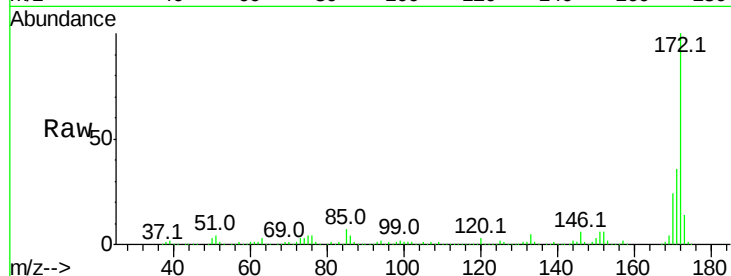


#44
 2-Fluorobiphenyl
 Concen: 103.432 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101645.D
 Acq: 22 Dec 2017 9:49

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

Tot Ion:172 Resp: 1206262

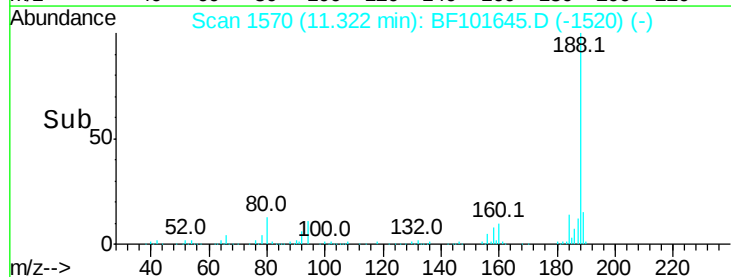
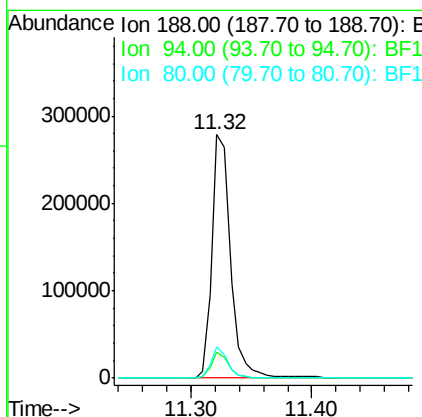
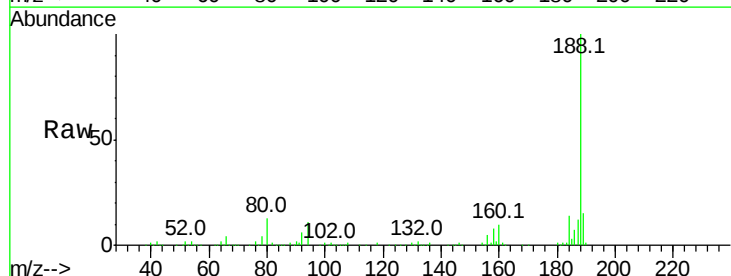
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4

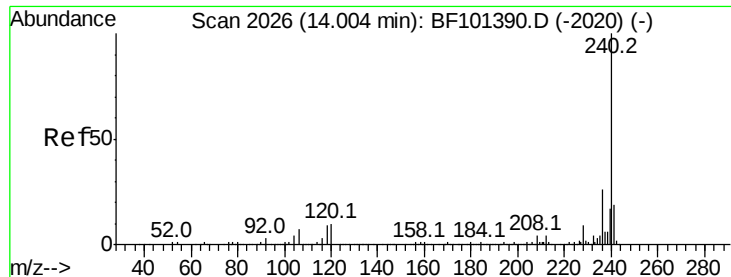


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF101645.D
 Acq: 22 Dec 2017 9:49

Tgt Ion:188 Resp: 297131

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	12.6	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: BF101645.D

Acq: 22 Dec 2017 9:49

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-D-S

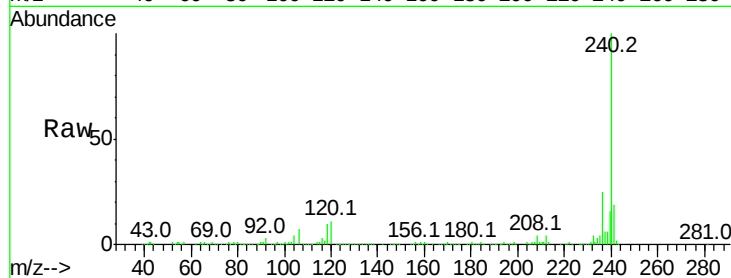
Tot Ion:240 Resp: 324113

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

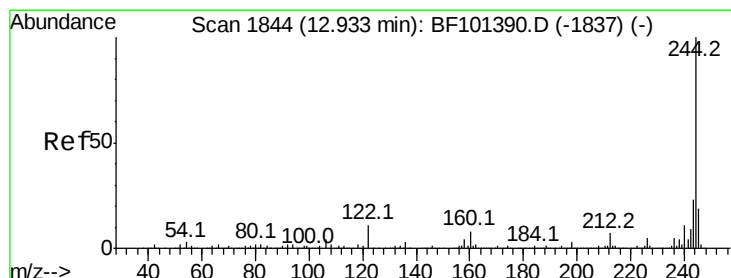
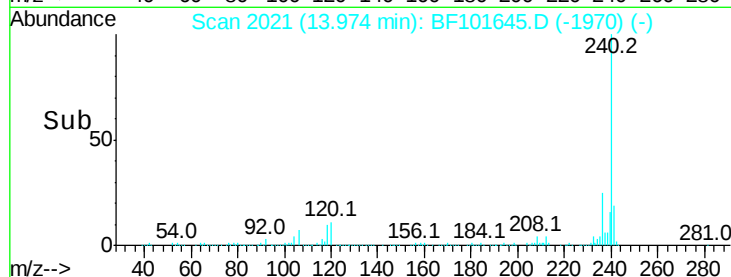
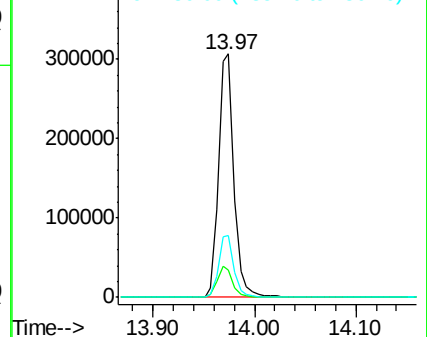
236 25.2 20.7 31.1



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: 70.523 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101645.D

Acq: 22 Dec 2017 9:49

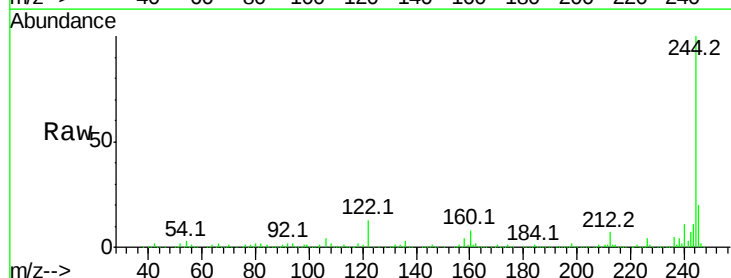
Tgt Ion:244 Resp: 948137

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

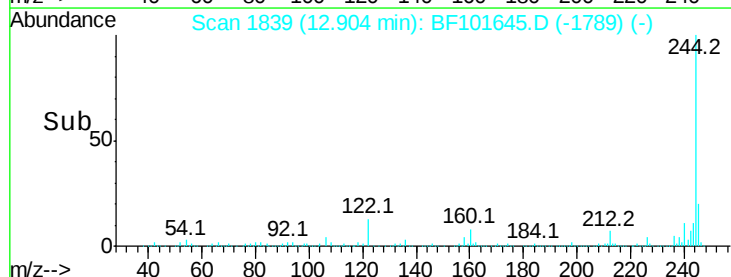
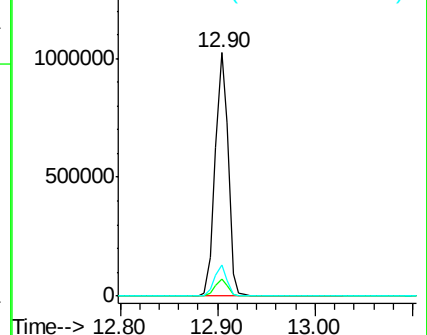
122 12.5 11.0 16.4

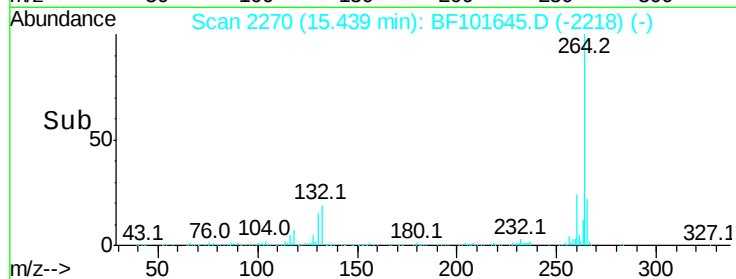
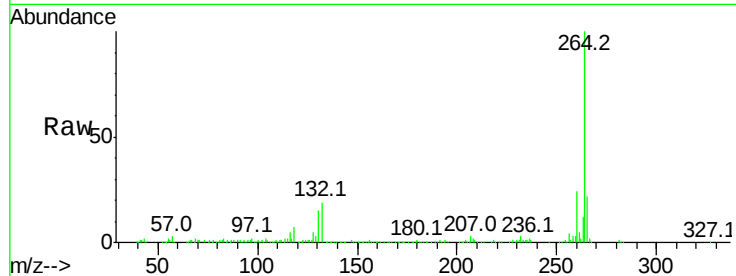
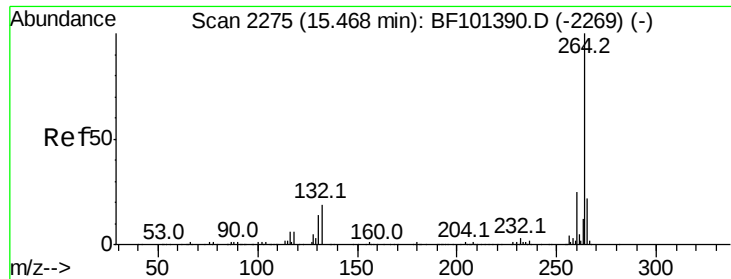


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF101645.D

Acq: 22 Dec 2017 9:49

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-D-S

Tot Ion: 264 Resp: 242658

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.5 17.5 26.3

