

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101644.D
 Acq On : 22 Dec 2017 9:22
 Operator : SJ/JU
 Sample : I7008-10
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

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

Quant Time: Dec 22 10:36:20 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

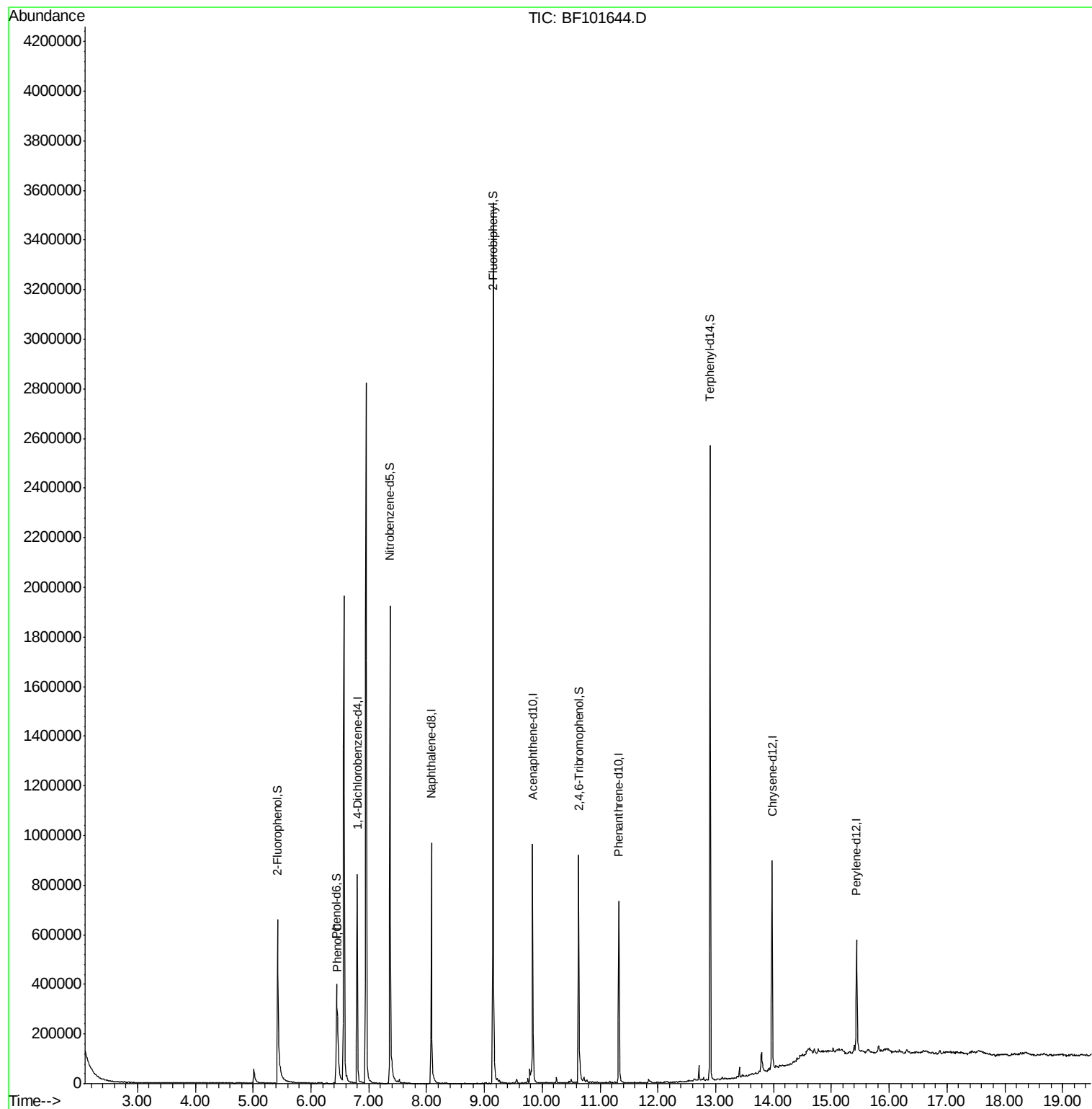
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	138724	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	513747	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	189771	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	297504	20.00	ng	0.00
75) Chrysene-d12	13.97	240	307889	20.00	ng	0.00
86) Perylene-d12	15.44	264	235253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	325196	34.92	ng	0.01
7) Phenol-d6	6.45	99	233114	20.11	ng	0.00
23) Nitrobenzene-d5	7.37	82	755647	81.88	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	121174	66.27	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1172296	95.83	ng	0.00
78) Terphenyl-d14	12.90	244	864078	67.66	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.46	94	30660	2.321	ng	81

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

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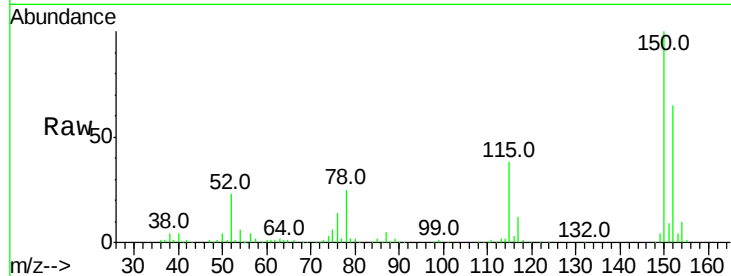


#1

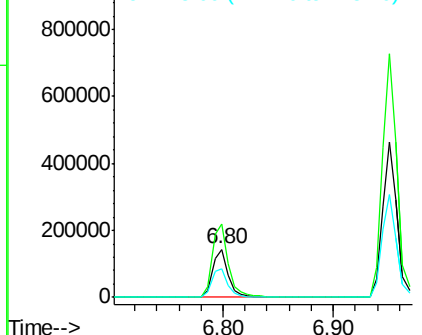
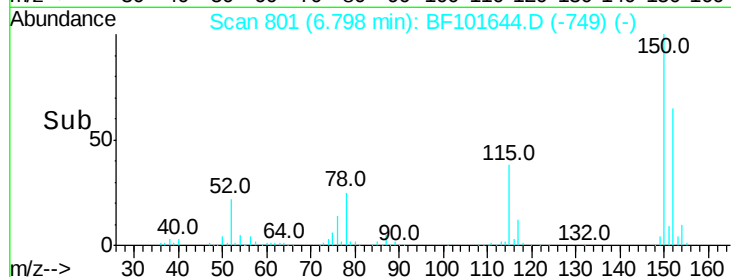
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101644.D
Acq: 22 Dec 2017 9:22

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

Tot Ion:152 Resp: 138724
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 58.8 50.1 75.1



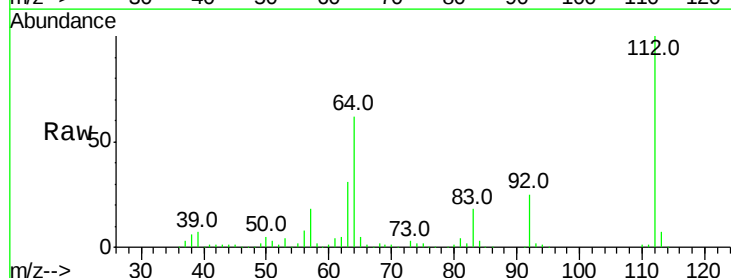
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



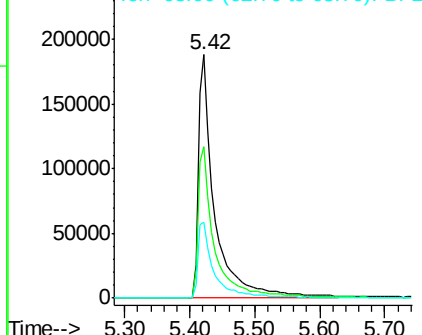
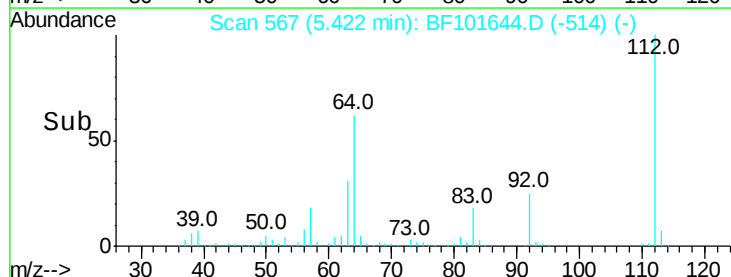
#5

2-Fluorophenol
Concen: 34.919 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF101644.D
Acq: 22 Dec 2017 9:22

Tgt Ion:112 Resp: 325196
Ion Ratio Lower Upper
112 100
64 62.2 47.9 71.9
63 31.1 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: 20.113 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101644.D

Acq: 22 Dec 2017 9:22

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-D-M

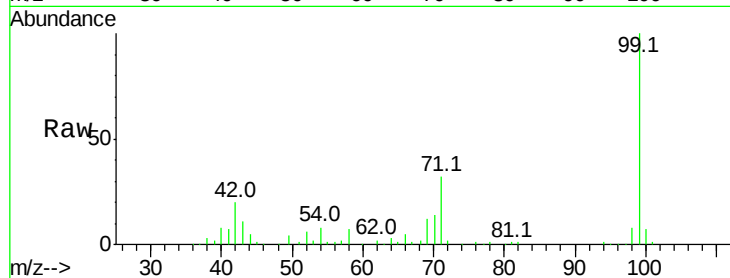
Tot Ion: 99 Resp: 233114

Ion Ratio Lower Upper

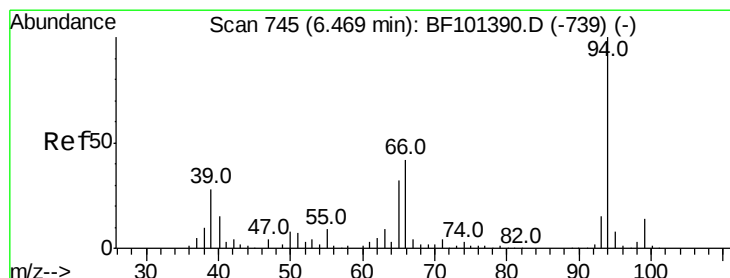
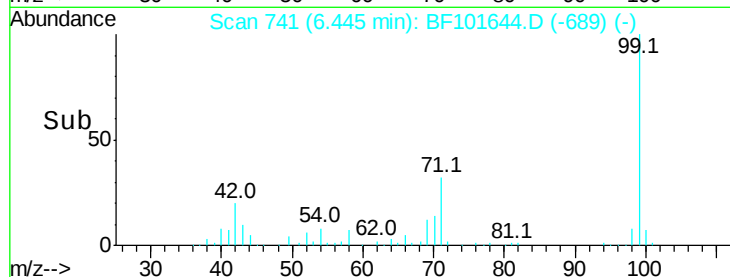
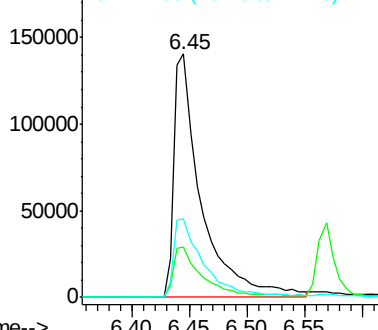
99 100

42 20.5 14.5 21.7

71 32.1 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: 2.321 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101644.D

Acq: 22 Dec 2017 9:22

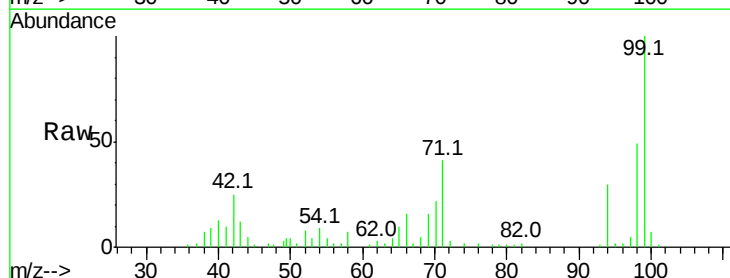
Tgt Ion: 94 Resp: 30660

Ion Ratio Lower Upper

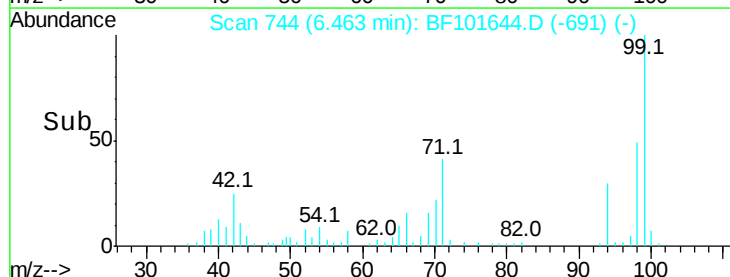
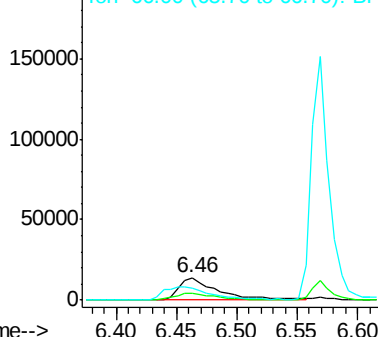
94 100

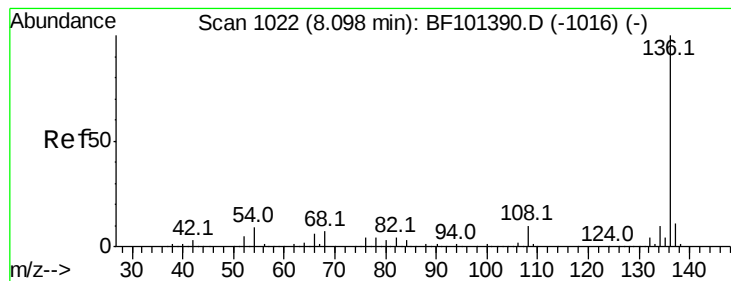
65 32.0 7.9 47.9

66 52.7 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: BF101644.D

Acq: 22 Dec 2017 9:22

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-D-M

Tot Ion:136 Resp: 513747

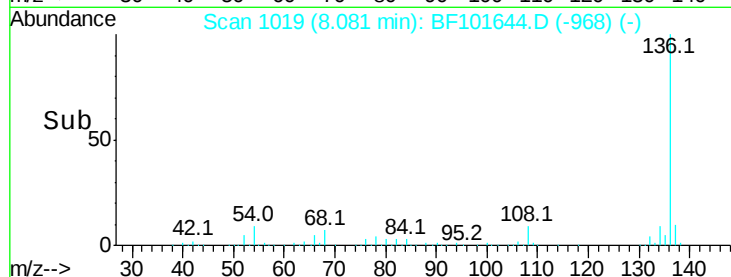
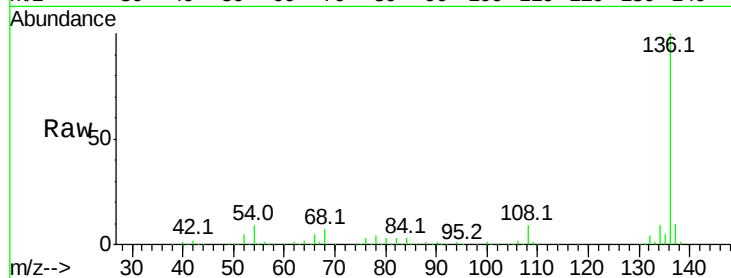
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 8.9 6.6 9.8

68 6.6 5.0 7.4

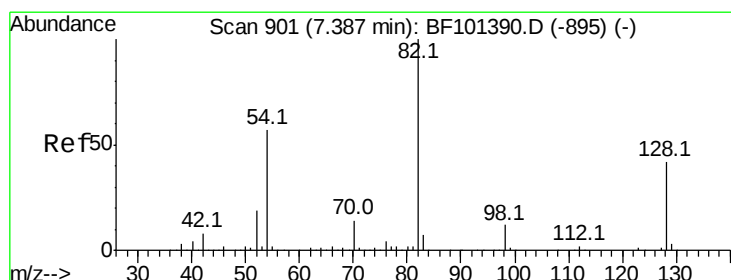
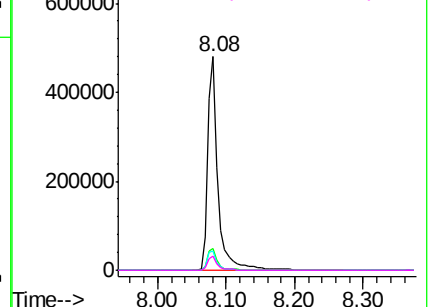


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.876 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF101644.D

Acq: 22 Dec 2017 9:22

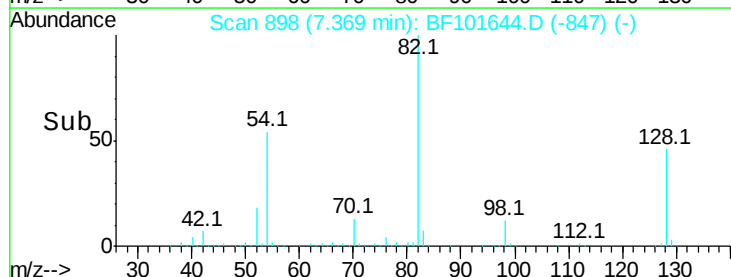
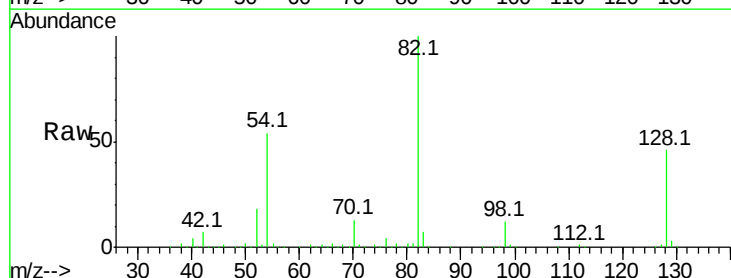
Tgt Ion: 82 Resp: 755647

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

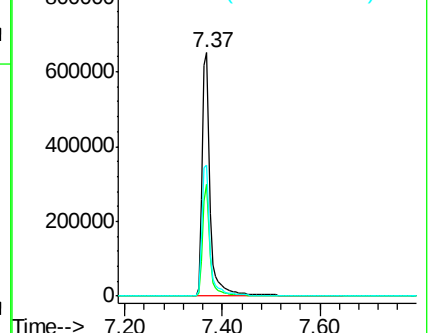
54 53.6 41.4 62.2

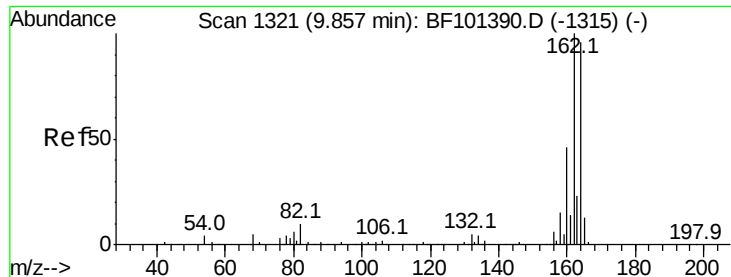


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

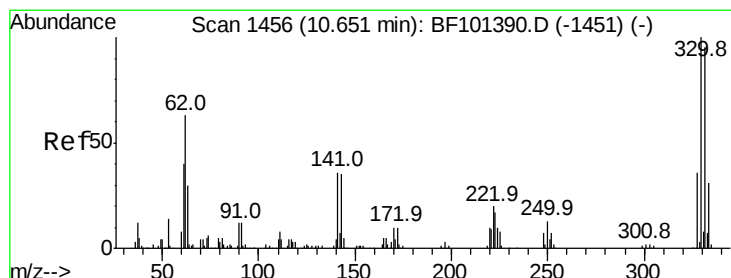
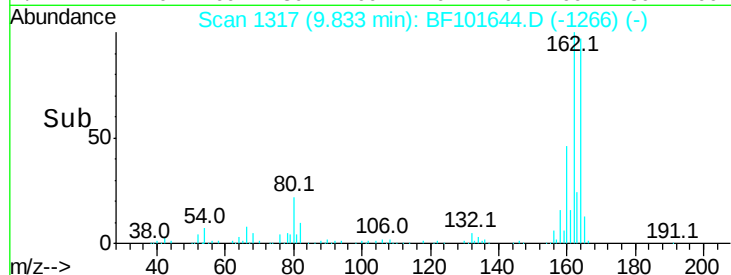
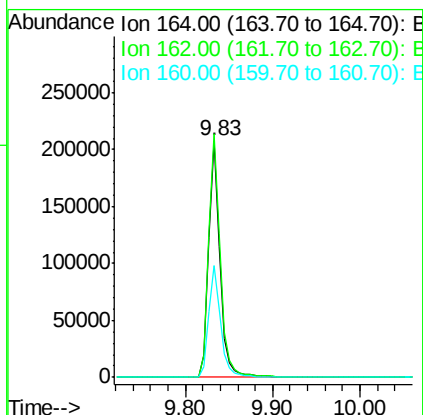
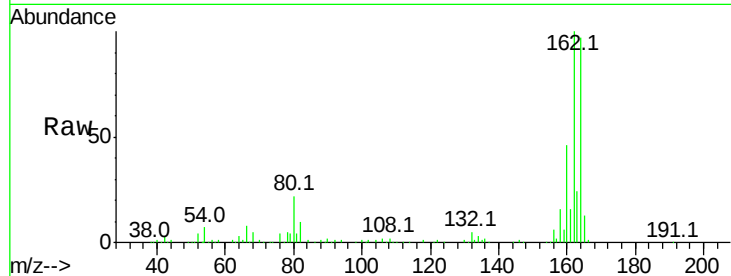




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF101644.D
 Acq: 22 Dec 2017 9:22

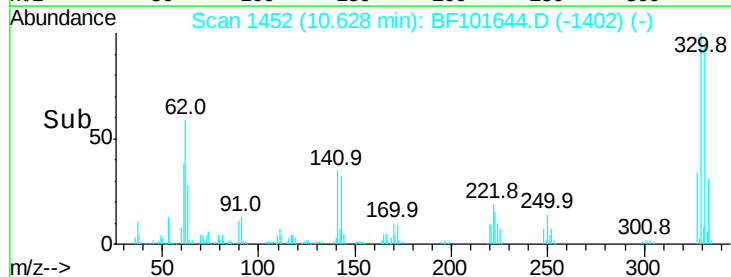
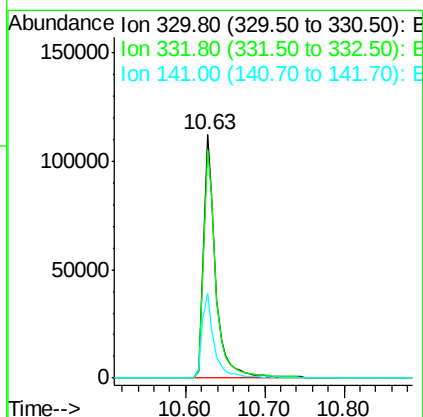
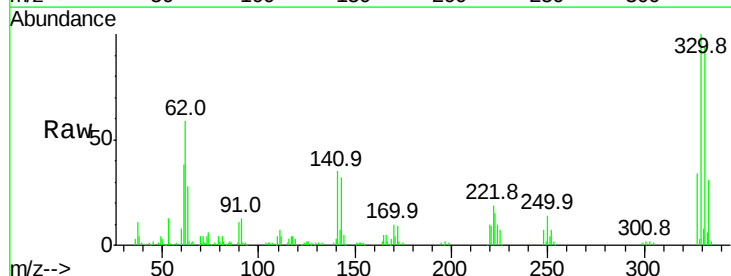
Instrument :
 BNA_F
 ClientSampleId :
 121817-TIFR-E-D-M

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	47.2	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 66.266 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101644.D
 Acq: 22 Dec 2017 9:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	35.5	29.9	44.9



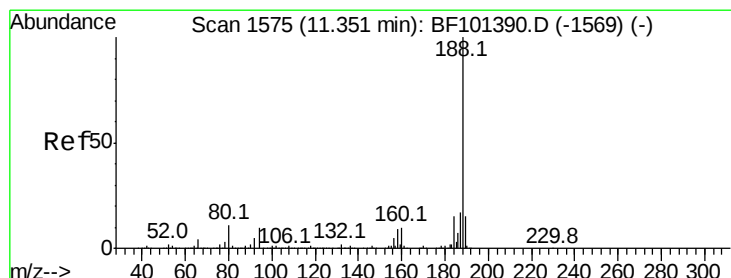
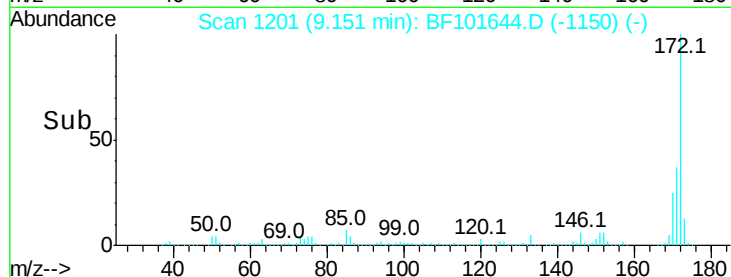
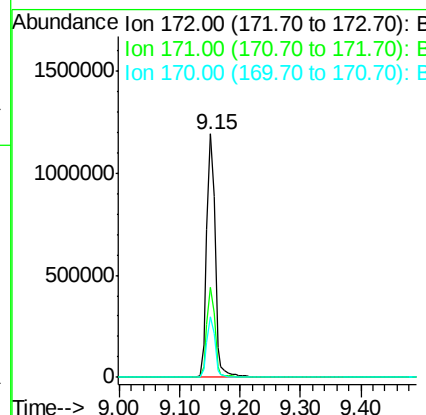
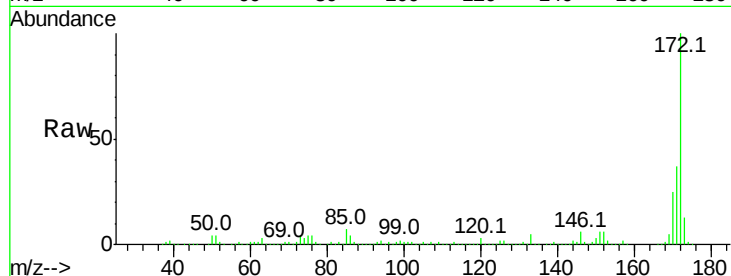


#44
 2-Fluorobiphenyl
 Concen: 95.827 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101644.D
 Acq: 22 Dec 2017 9:22

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

Tot Ion:172 Resp: 1172296

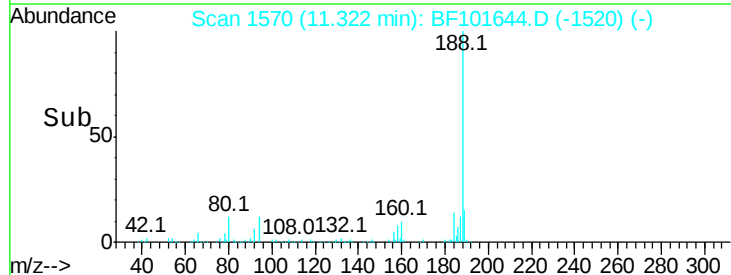
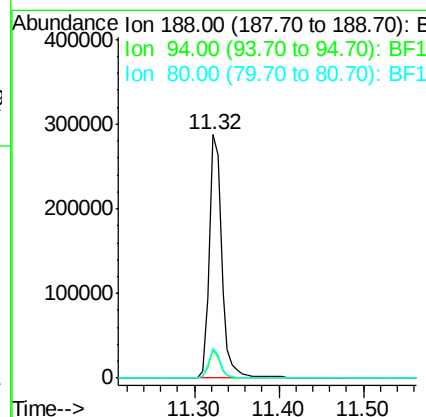
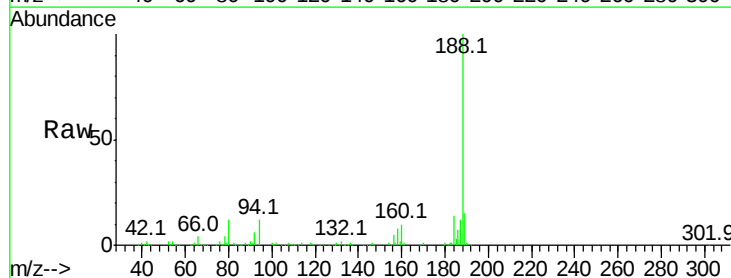
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	25.0	19.6	29.4

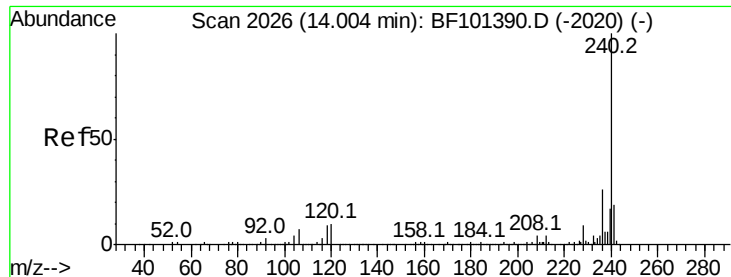


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF101644.D
 Acq: 22 Dec 2017 9:22

Tgt Ion:188 Resp: 297504

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.1	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: BF101644.D

Acq: 22 Dec 2017 9:22

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-D-M

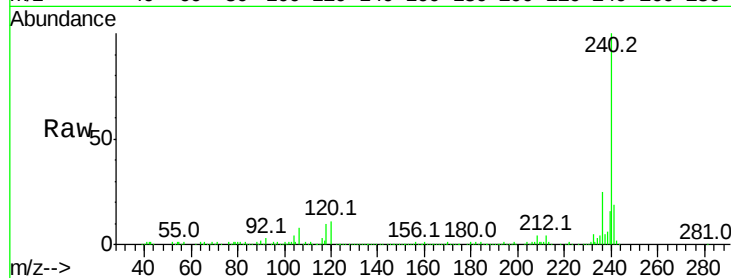
Tot Ion:240 Resp: 307889

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

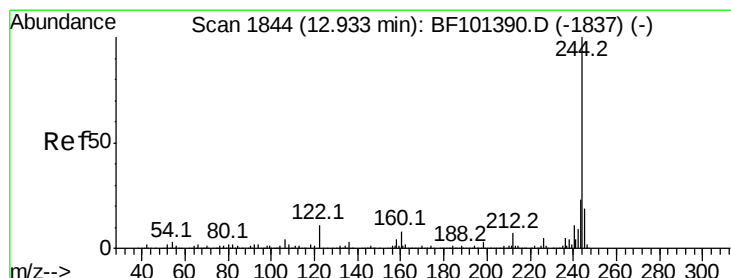
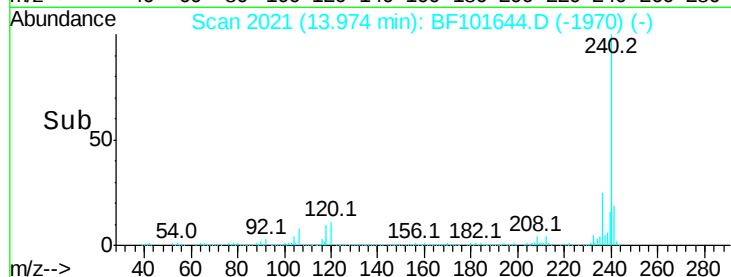
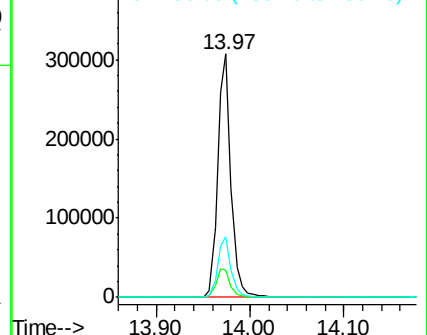
236 25.1 20.7 31.1



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: 67.657 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101644.D

Acq: 22 Dec 2017 9:22

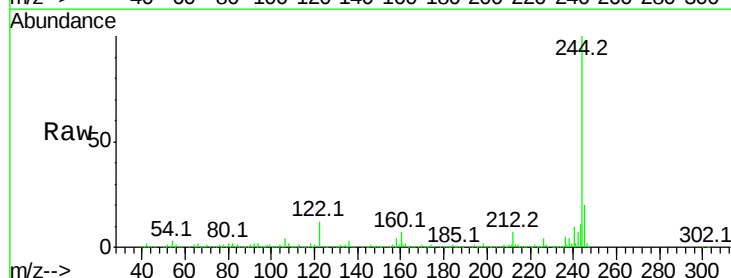
Tgt Ion:244 Resp: 864078

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

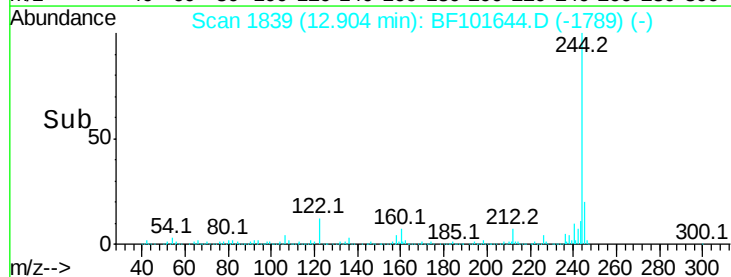
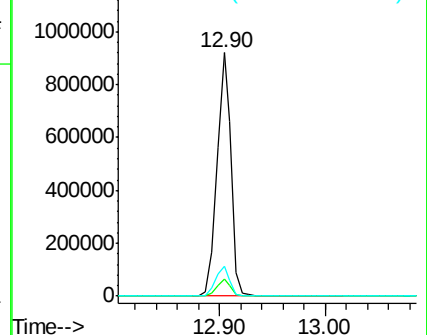
122 12.1 11.0 16.4

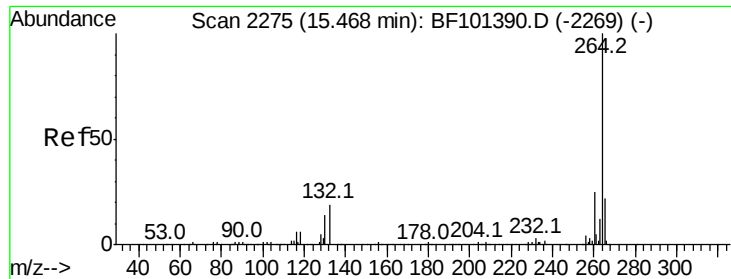


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

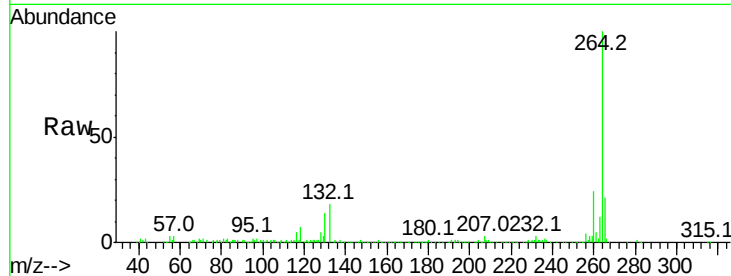




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF101644.D
 Acq: 22 Dec 2017 9:22

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.9	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

