

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101646.D
 Acq On : 22 Dec 2017 10:16
 Operator : SJ/JU
 Sample : I7008-12
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Dec 22 11:14:05 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

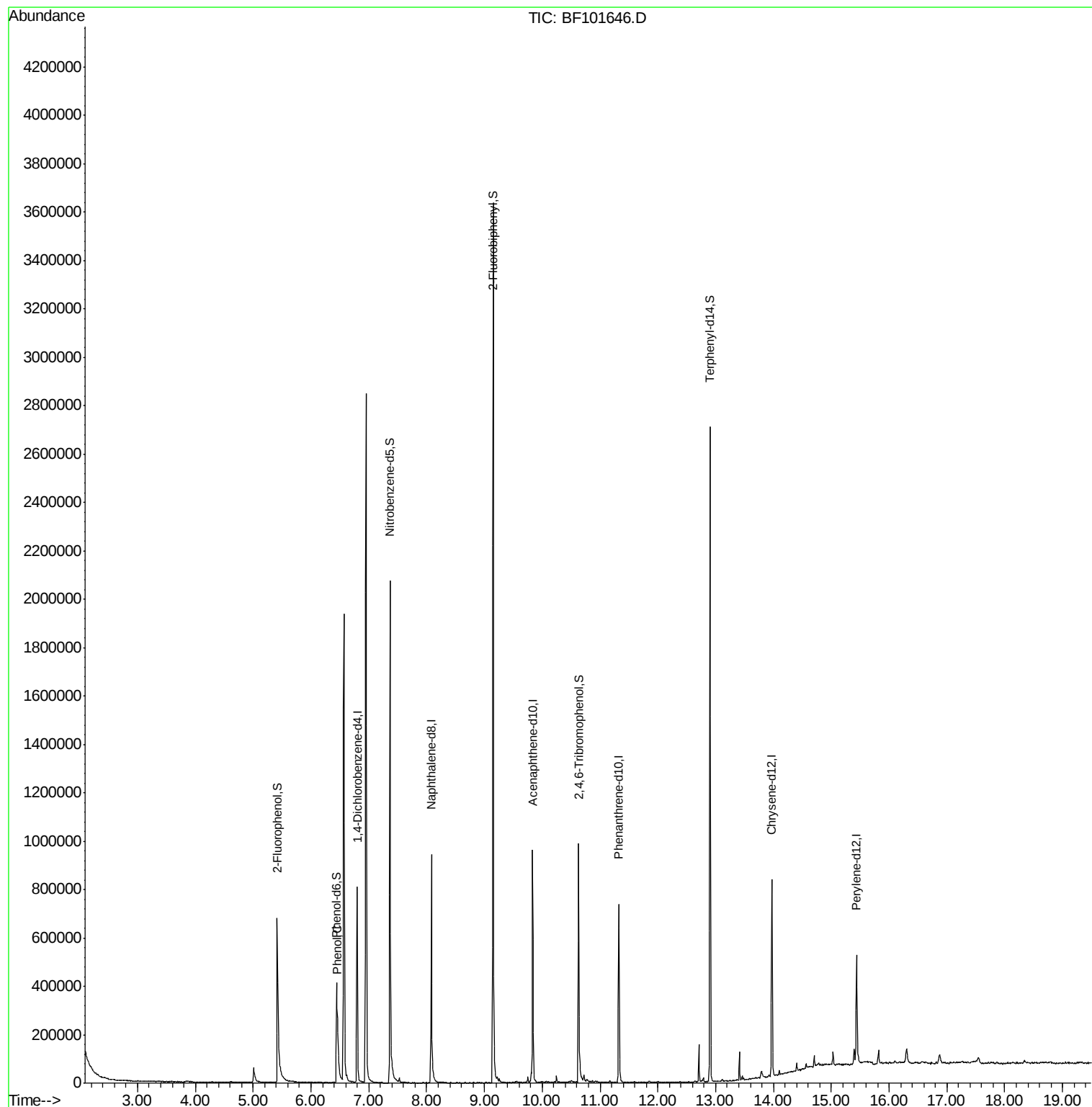
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	139594	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	517122	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	194993	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	303383	20.00	ng	0.00
75) Chrysene-d12	13.97	240	303024	20.00	ng	0.00
86) Perylene-d12	15.44	264	237060	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	332857	35.52	ng	0.00
7) Phenol-d6	6.44	99	252103	21.62	ng	0.00
23) Nitrobenzene-d5	7.37	82	775103	83.44	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	127964	68.11	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1224563	97.42	ng	0.00
78) Terphenyl-d14	12.90	244	902803	71.82	ng	0.00
Target Compounds						
10) Phenol	6.46	94	27953	2.103	ng	Qvalue # 74

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

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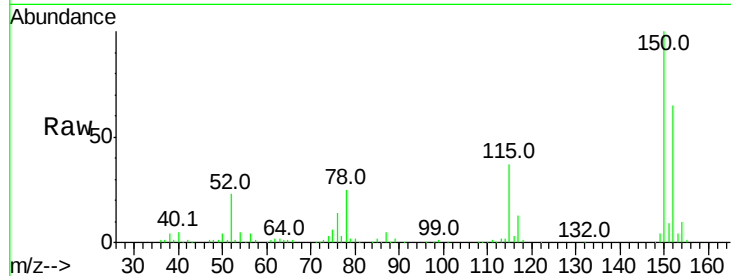


#1

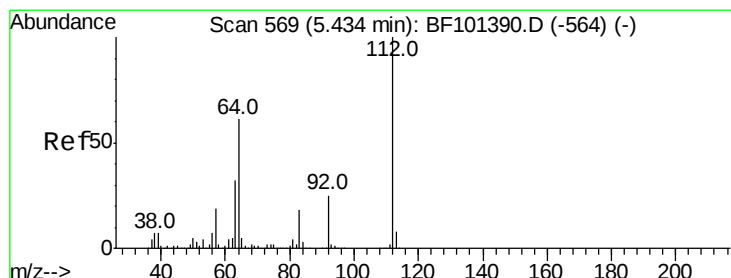
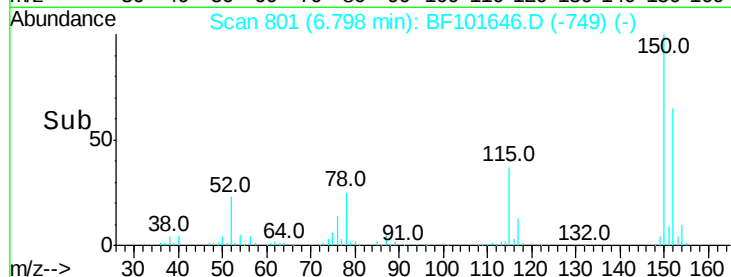
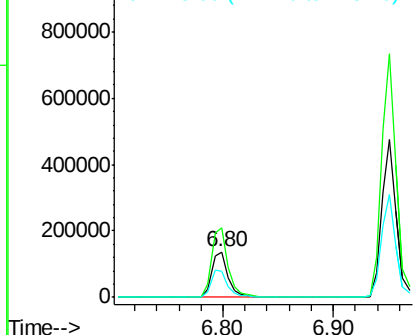
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101646.D
Acq: 22 Dec 2017 10:16

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

Tot Ion:152 Resp: 139594
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 57.4 50.1 75.1



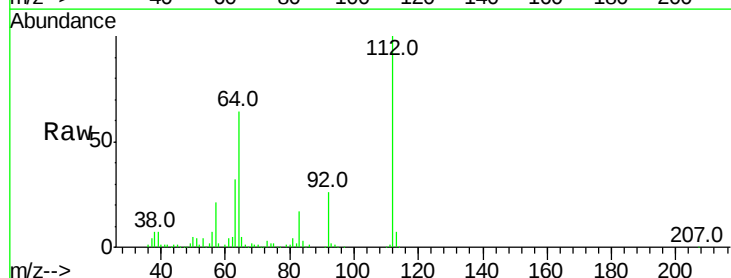
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



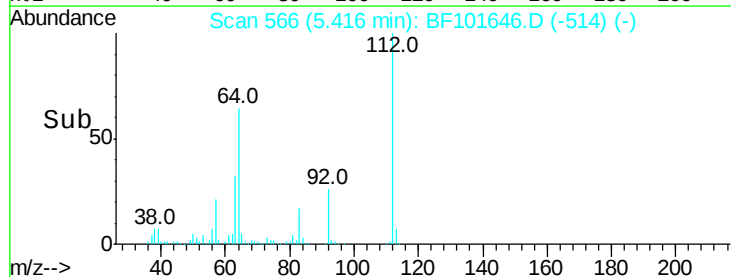
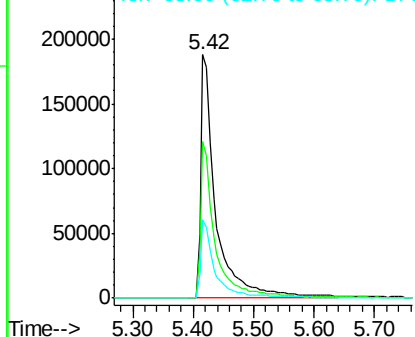
#5

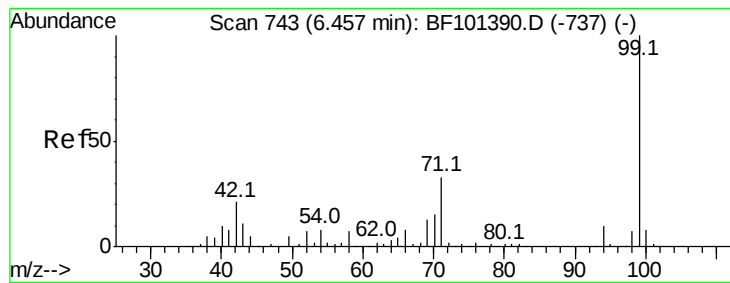
2-Fluorophenol
Concen: 35.518 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101646.D
Acq: 22 Dec 2017 10:16

Tgt Ion:112 Resp: 332857
Ion Ratio Lower Upper
112 100
64 64.4 47.9 71.9
63 32.4 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: 21.616 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101646.D

Acq: 22 Dec 2017 10:16

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-U-B

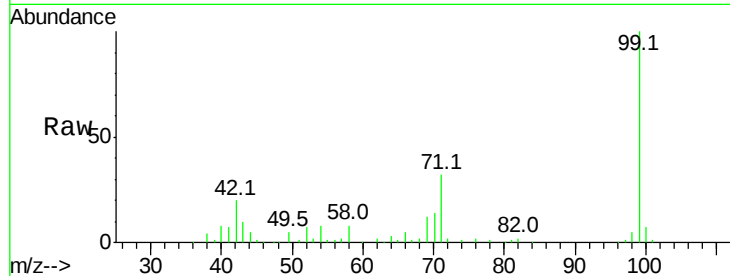
Tot Ion: 99 Resp: 252103

Ion Ratio Lower Upper

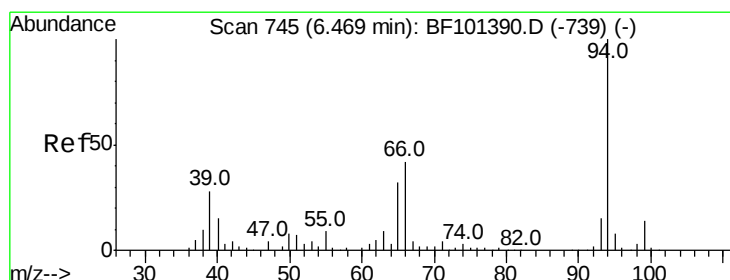
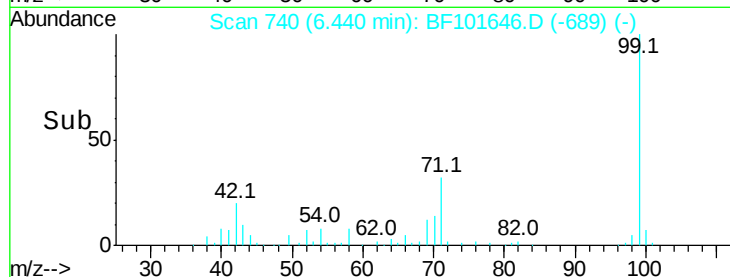
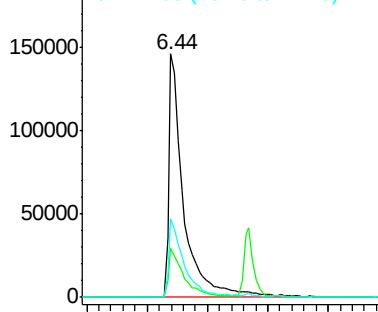
99 100

42 20.1 14.5 21.7

71 32.2 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: 2.103 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101646.D

Acq: 22 Dec 2017 10:16

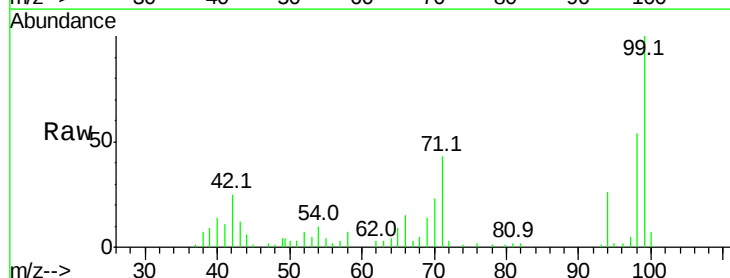
Tgt Ion: 94 Resp: 27953

Ion Ratio Lower Upper

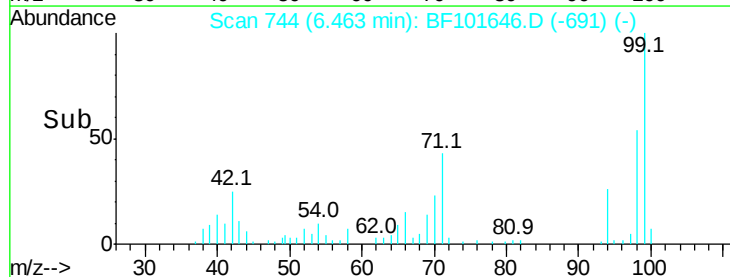
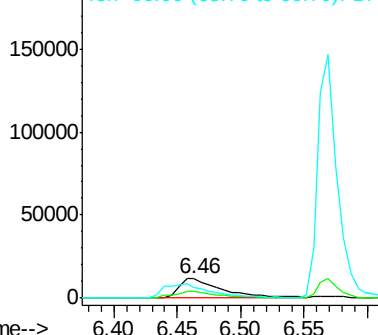
94 100

65 34.7 7.9 47.9

66 57.9 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

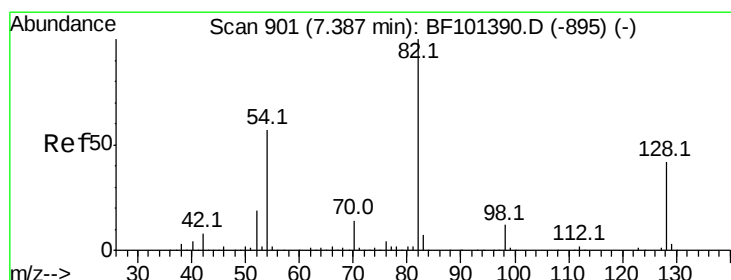
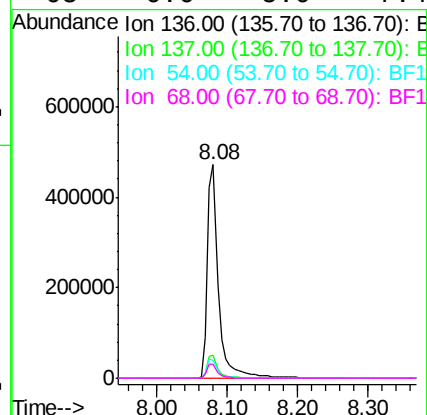
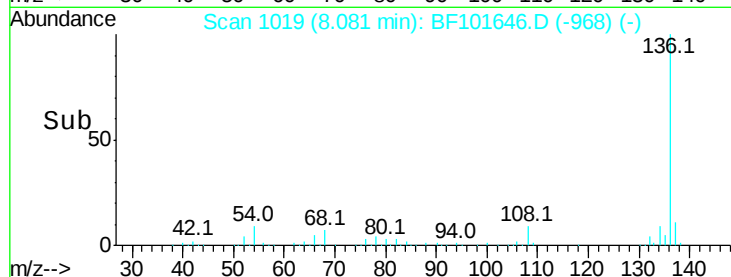
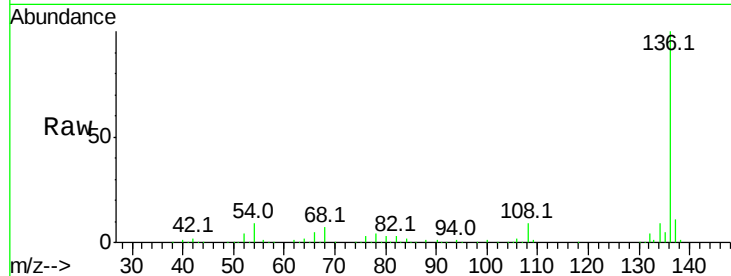




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF101646.D
Acq: 22 Dec 2017 10:16

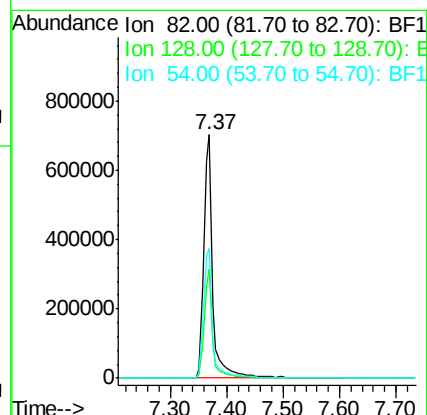
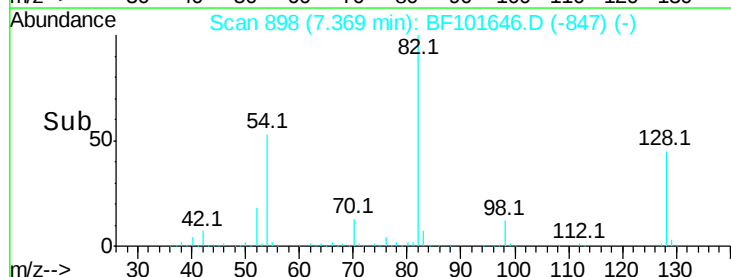
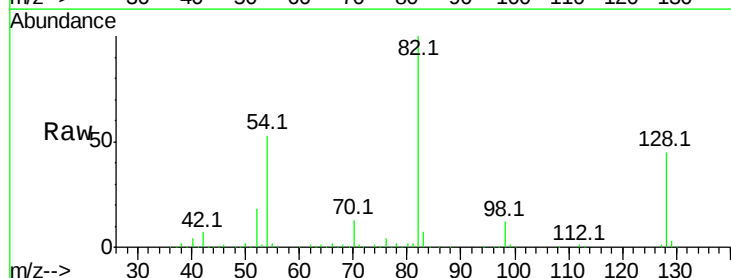
Instrument :
BNA_F
ClientSampleId :
121817-TIFR-E-U-B

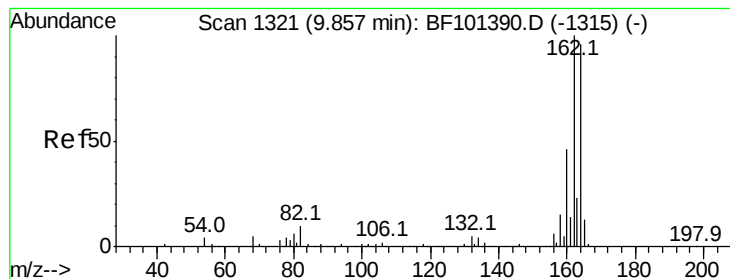
Tot Ion:	136	Resp:	517122
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.6	6.6	9.8
68	6.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 83.436 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101646.D
Acq: 22 Dec 2017 10:16

Tgt Ion:	82	Resp:	775103
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	53.4	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: BF101646.D

Acq: 22 Dec 2017 10:16

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-U-B

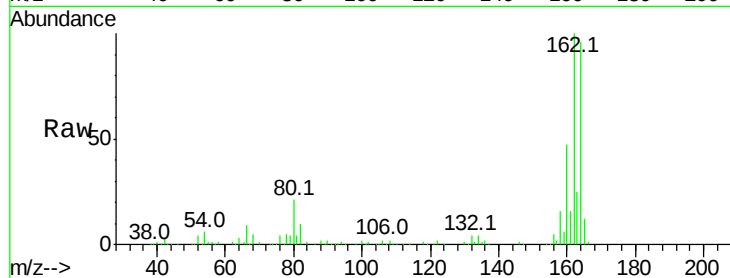
Tot Ion:164 Resp: 194993

Ion Ratio Lower Upper

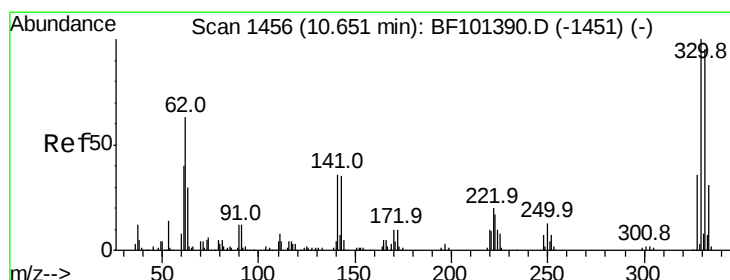
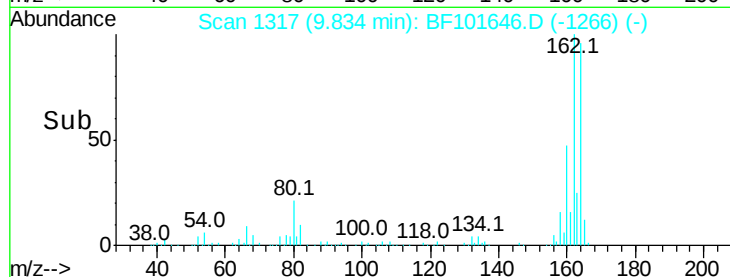
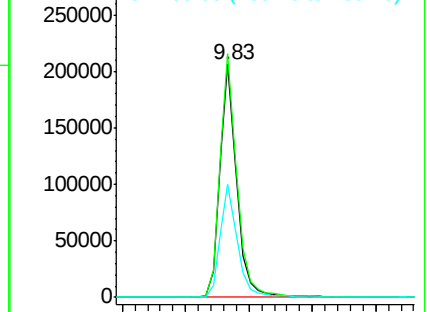
164 100

162 104.4 86.1 129.1

160 48.7 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: 68.105 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF101646.D

Acq: 22 Dec 2017 10:16

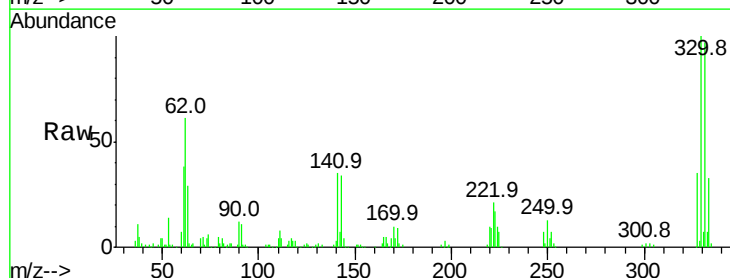
Tgt Ion:330 Resp: 127964

Ion Ratio Lower Upper

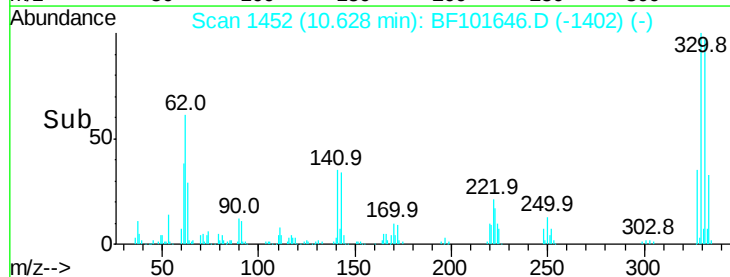
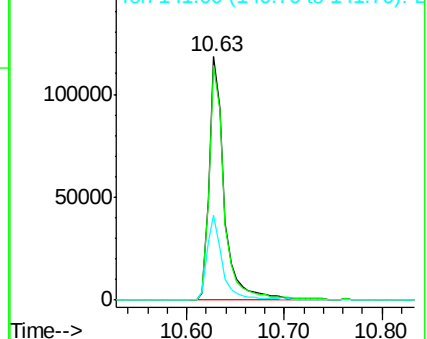
330 100

332 96.8 77.0 115.6

141 35.3 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

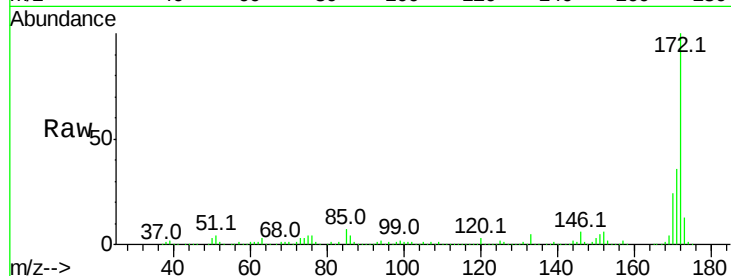




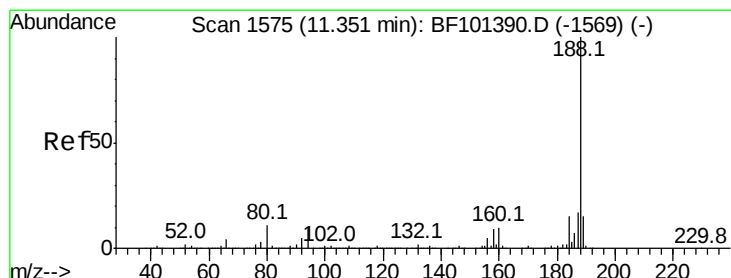
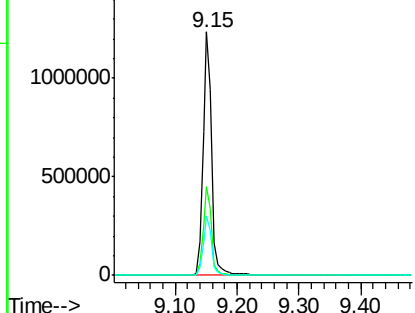
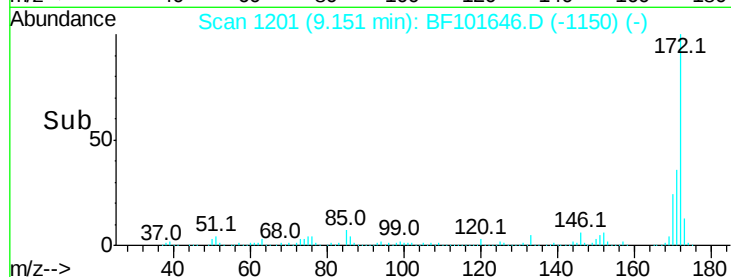
#44
2-Fluorobiphenyl
Concen: 97.419 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF101646.D
Acq: 22 Dec 2017 10:16

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

Tot Ion:172 Resp: 1224563
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.3 19.6 29.4

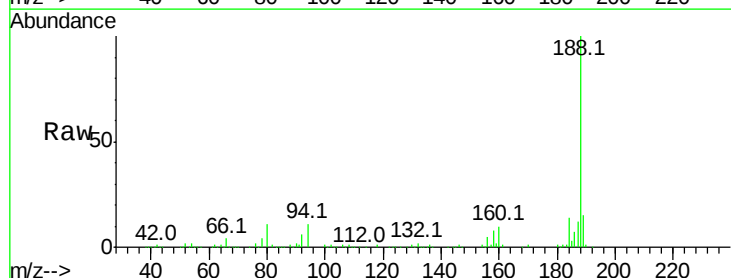


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

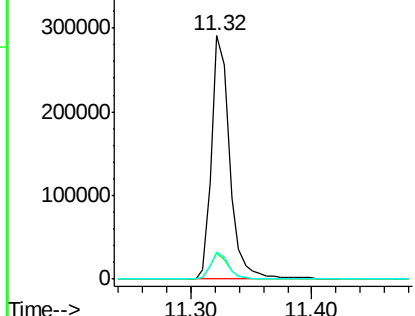
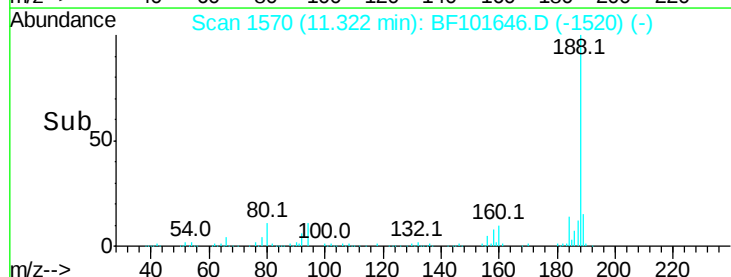


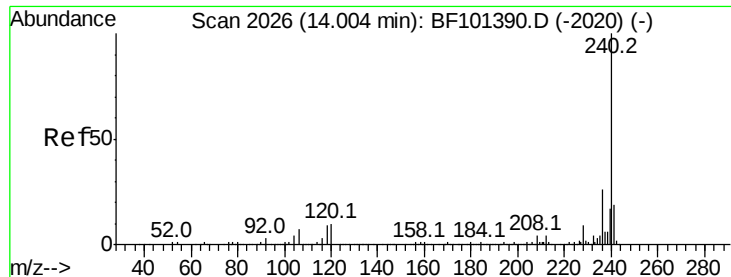
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101646.D
Acq: 22 Dec 2017 10:16

Tgt Ion:188 Resp: 303383
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.4 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: BF101646.D

Acq: 22 Dec 2017 10:16

Instrument :

BNA_F

ClientSampleId :

121817-TIFR-E-U-B

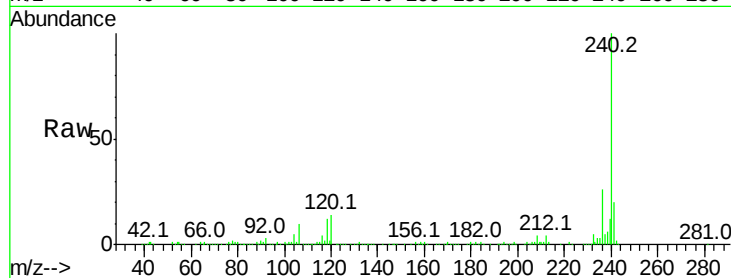
Tot Ion:240 Resp: 303024

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

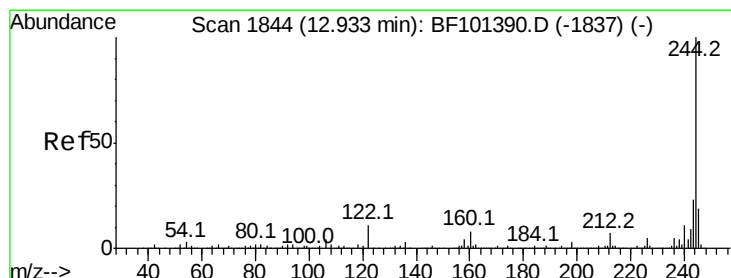
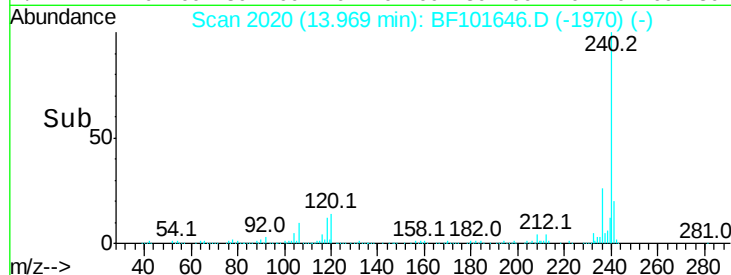
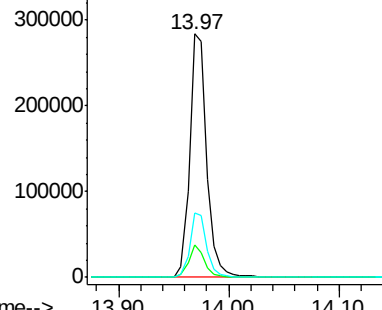
236 26.4 20.7 31.1



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: 71.824 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101646.D

Acq: 22 Dec 2017 10:16

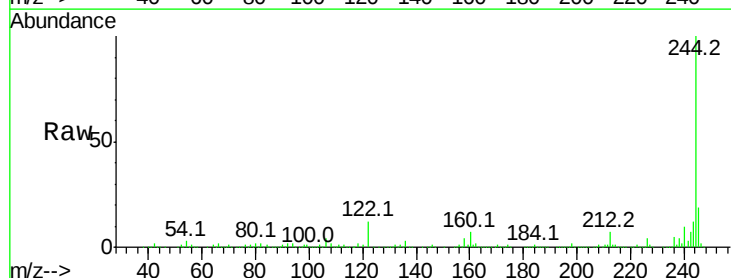
Tgt Ion:244 Resp: 902803

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

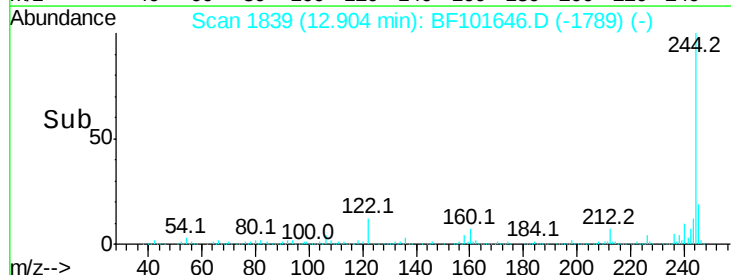
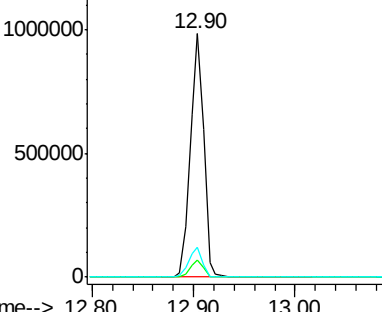
122 12.1 11.0 16.4

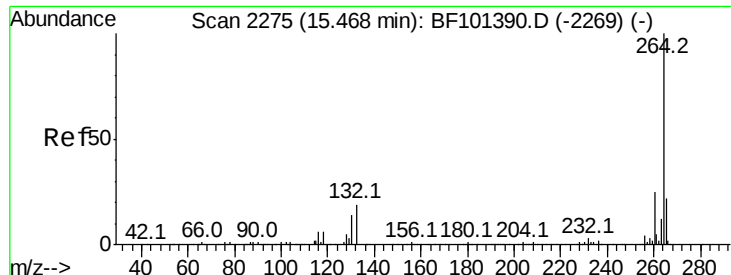


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

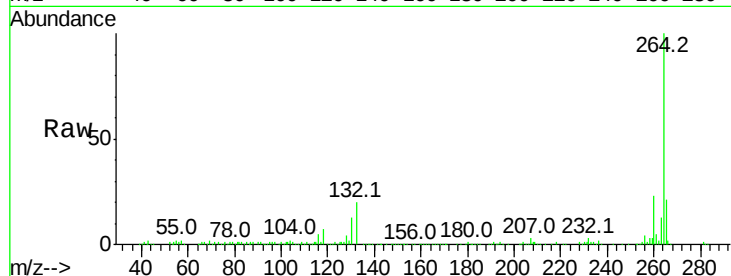




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101646.D
Acq: 22 Dec 2017 10:16

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	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

