

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099687.D
 Acq On : 20 Oct 2017 6:10
 Operator : SJ/JU
 Sample : I5927-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101317-TIFR-E-U-B

Quant Time: Oct 20 14:00:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	88236	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	362057	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	160264	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	228193	20.00	ng	0.00
75) Chrysene-d12	13.98	240	148597	20.00	ng	0.00
86) Perylene-d12	15.44	264	163131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	278342	50.22	ng	0.00
7) Phenol-d6	6.46	99	208391	30.48	ng	0.00
23) Nitrobenzene-d5	7.39	82	569213	100.82	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	118141	90.09	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1066777	111.12	ng	0.00
78) Terphenyl-d14	12.92	244	666037	101.93	ng	0.00

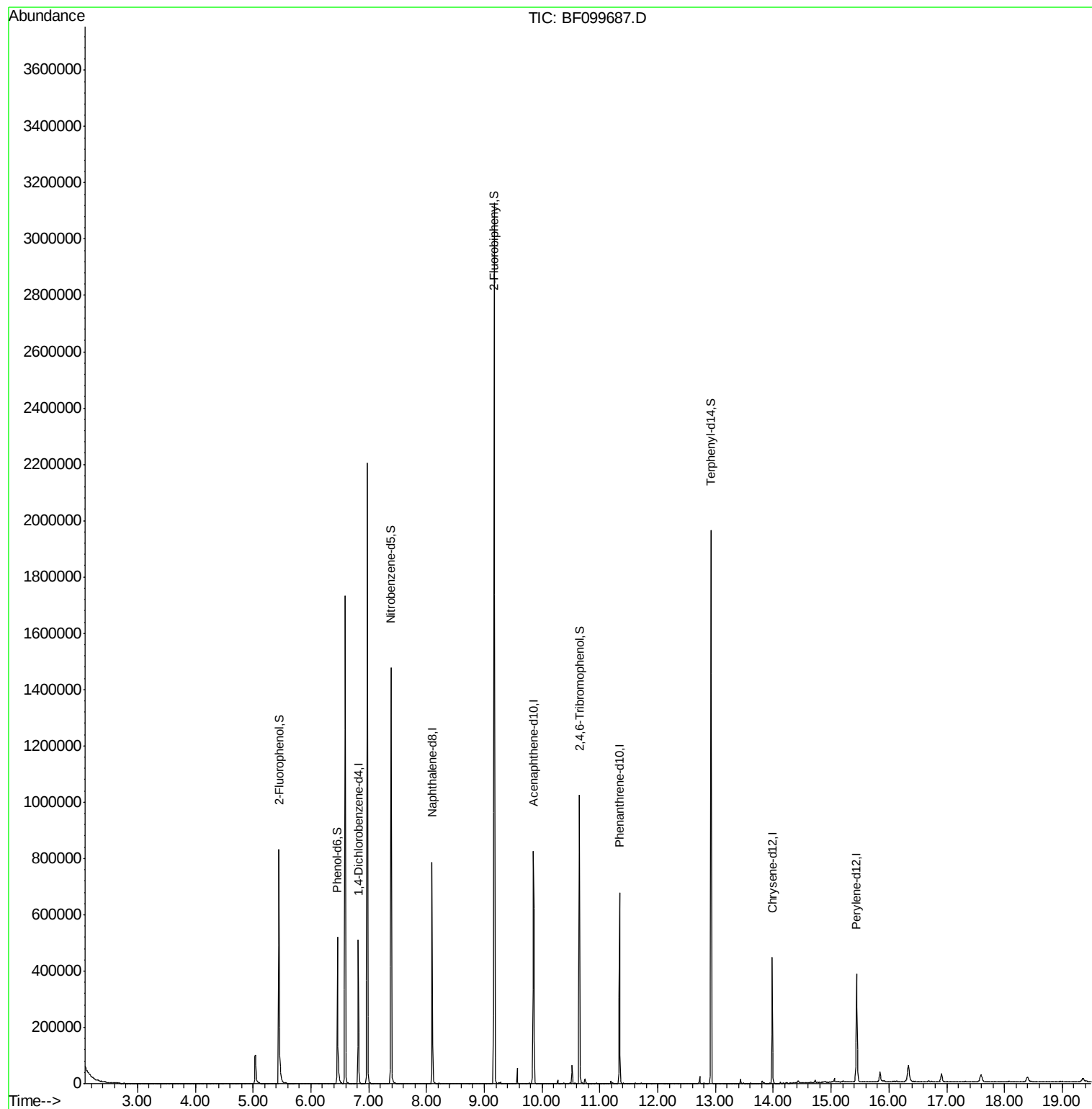
Target Compounds Qvalue

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

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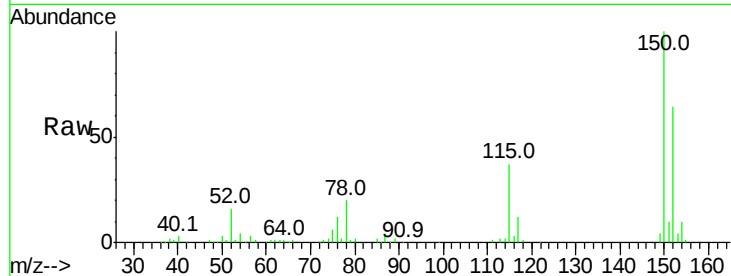


#1

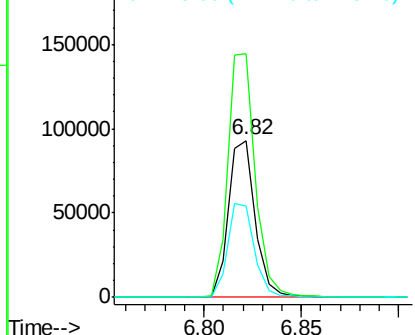
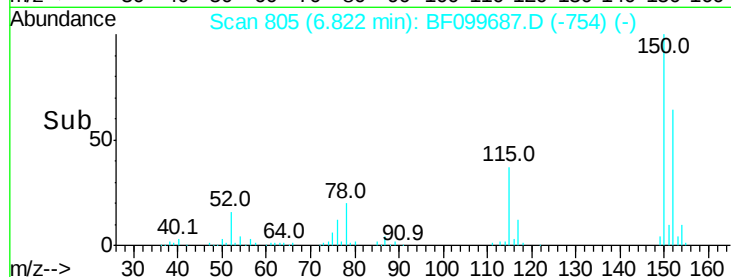
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF099687.D
 Acq: 20 Oct 2017 6:10

Instrument :
 BNA_F
 ClientSampleId :
 101317-TIFR-E-U-B

Tot Ion:152 Resp: 88236
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 57.8 50.1 75.1



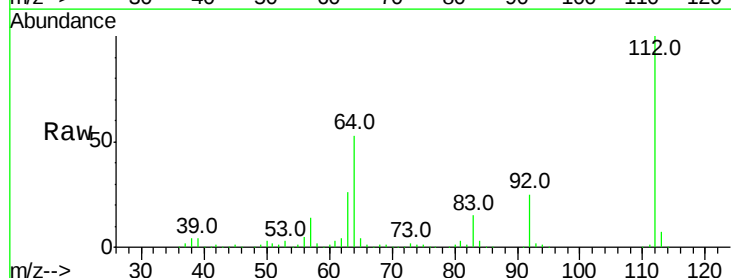
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



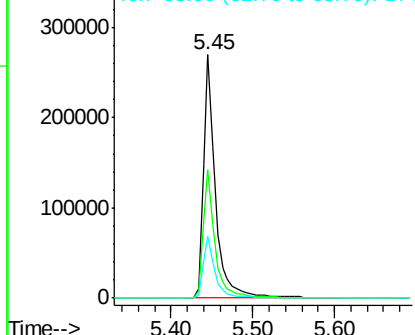
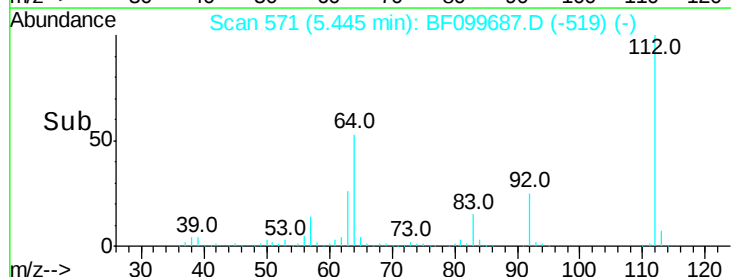
#5

2-Fluorophenol
 Concen: 50.217 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF099687.D
 Acq: 20 Oct 2017 6:10

Tgt Ion:112 Resp: 278342
 Ion Ratio Lower Upper
 112 100
 64 52.5 47.9 71.9
 63 25.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.477 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099687.D

Acq: 20 Oct 2017 6:10

Instrument :

BNA_F

ClientSampleId :

101317-TIFR-E-U-B

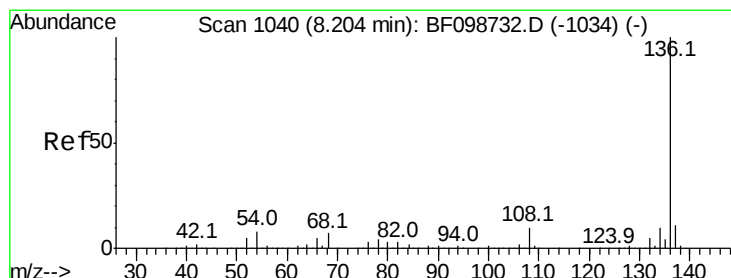
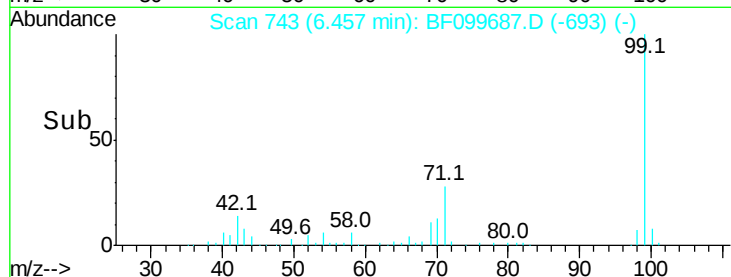
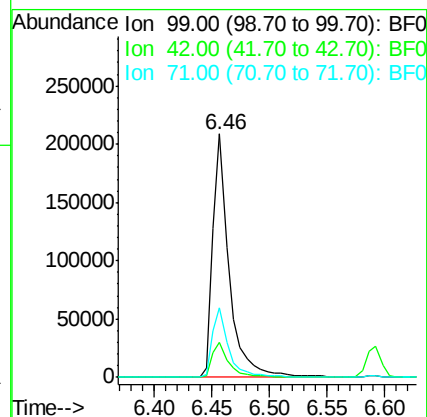
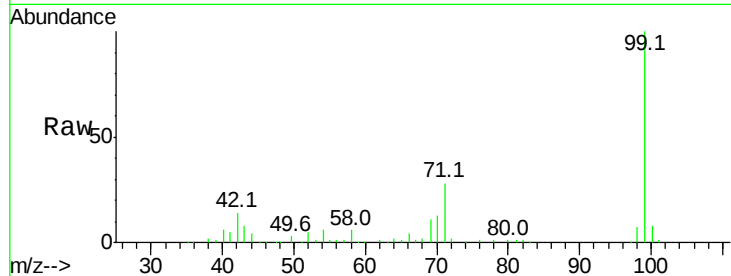
Tot Ion: 99 Resp: 208391

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

71 28.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099687.D

Acq: 20 Oct 2017 6:10

Tgt Ion: 136 Resp: 362057

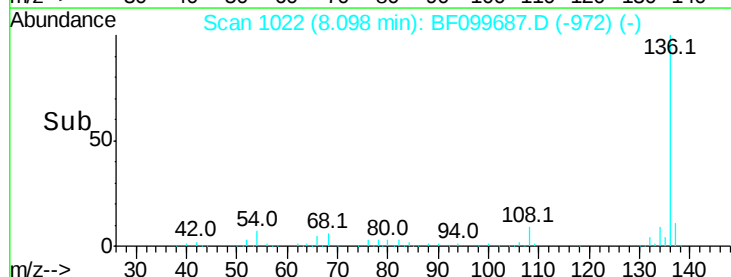
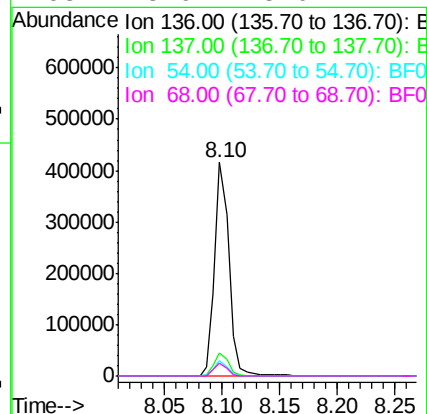
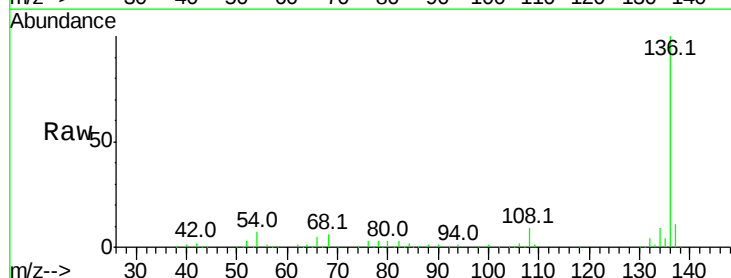
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.9 6.6 9.8

68 5.9 5.0 7.4

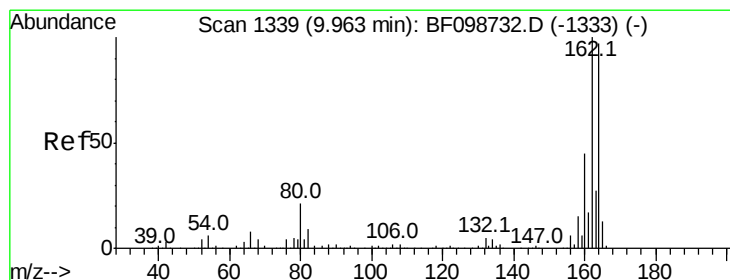
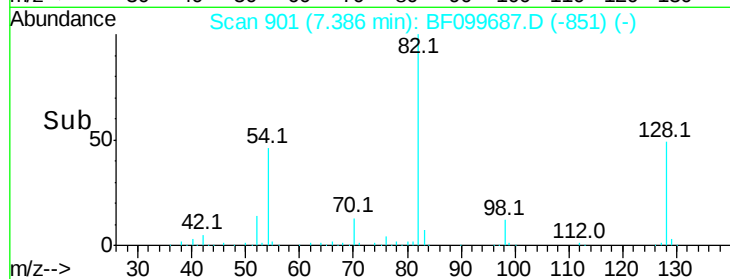
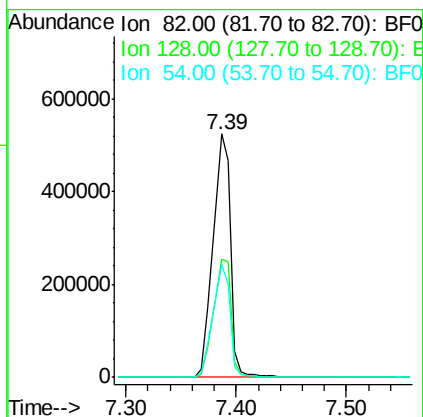
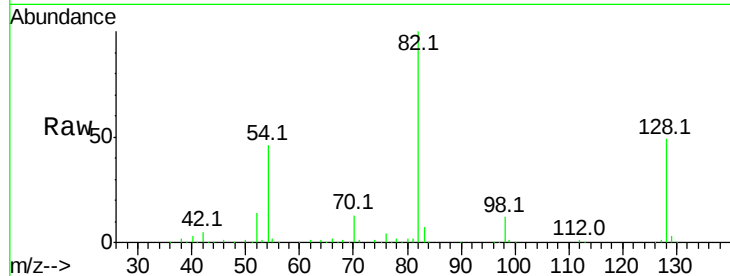




#23
 Nitrobenzene-d5
 Concen: 100.823 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099687.D
 Acq: 20 Oct 2017 6:10

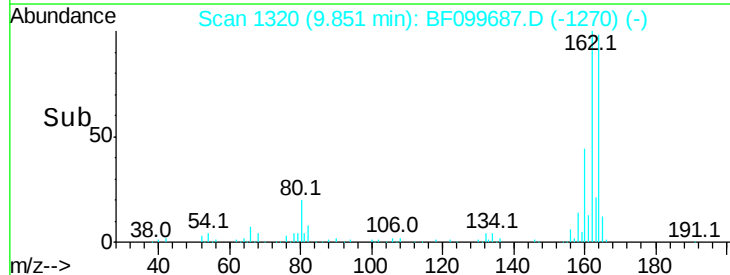
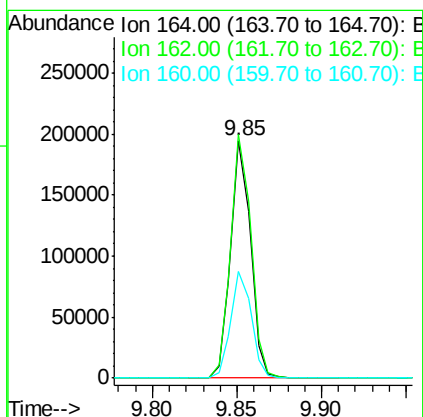
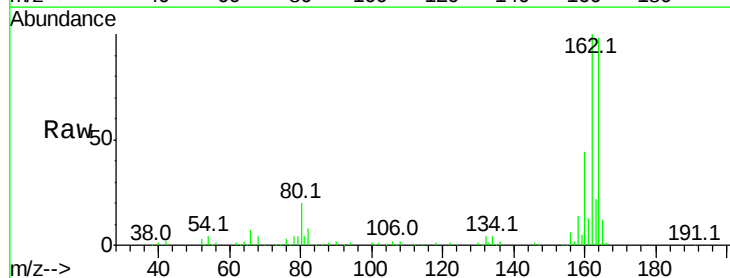
Instrument :
 BNA_F
 ClientSampleId :
 101317-TIFR-E-U-B

Tot Ion: 82 Resp: 569213
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.1 54.1
 54 46.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF099687.D
 Acq: 20 Oct 2017 6:10

Tgt Ion:164 Resp: 160264
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 44.7 38.3 57.5

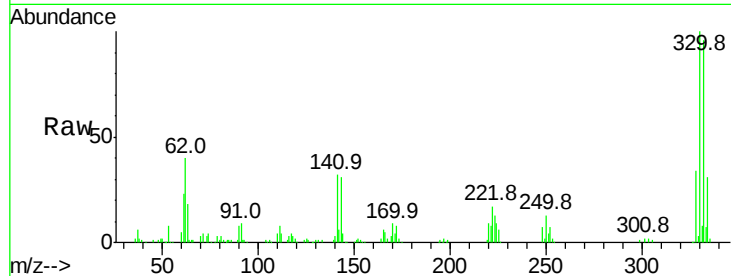




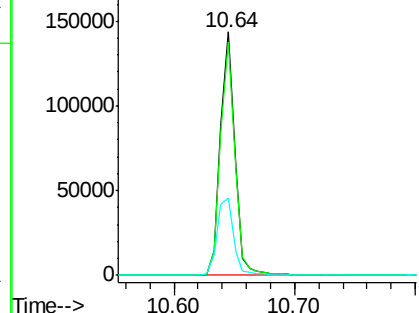
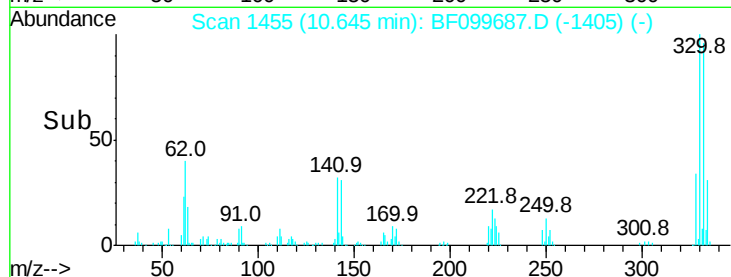
#41
 2,4,6-Tribromophenol
 Concen: 90.088 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099687.D
 Acq: 20 Oct 2017 6:10

Instrument :
 BNA_F
 ClientSampleId :
 101317-TIFR-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	36.3	29.9	44.9

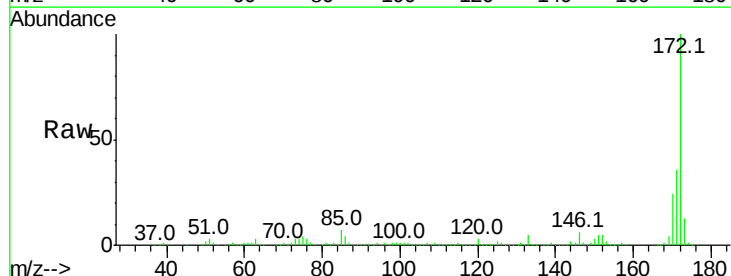


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

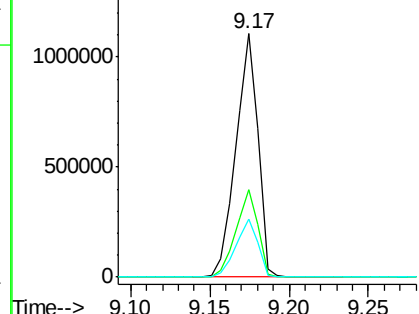
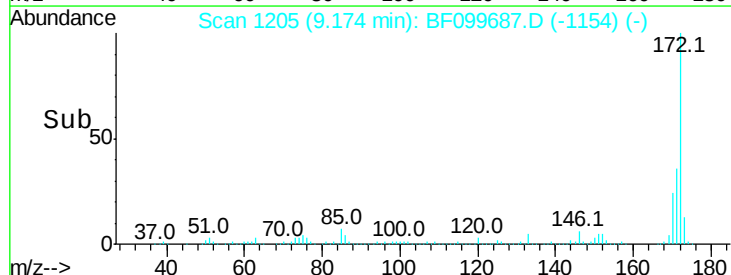


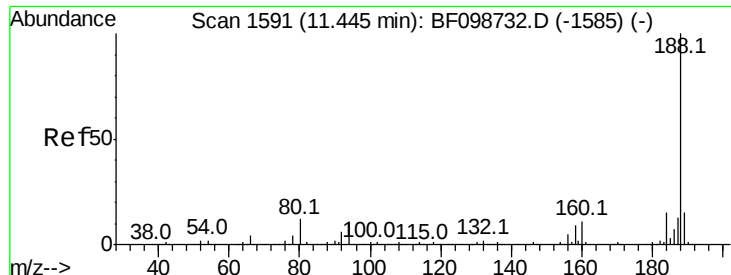
#44
 2-Fluorobiphenyl
 Concen: 111.123 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF099687.D
 Acq: 20 Oct 2017 6:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	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

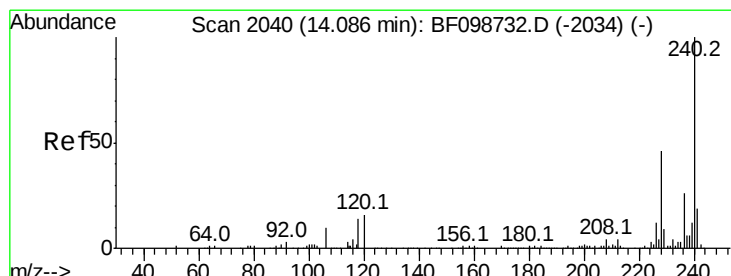
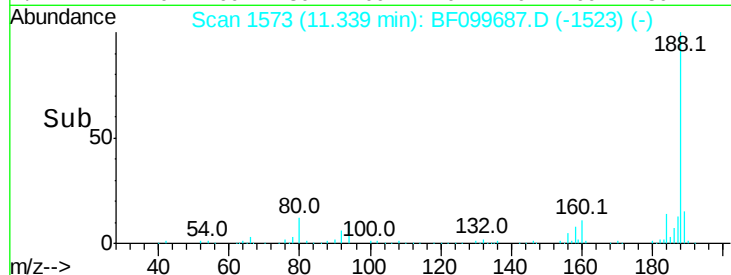
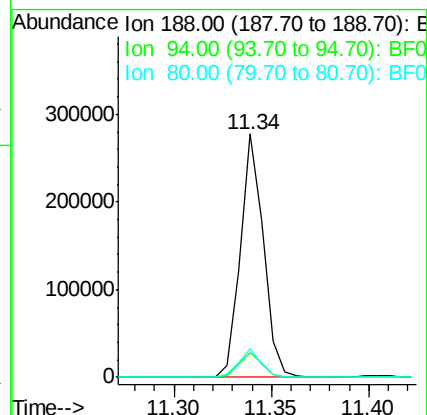
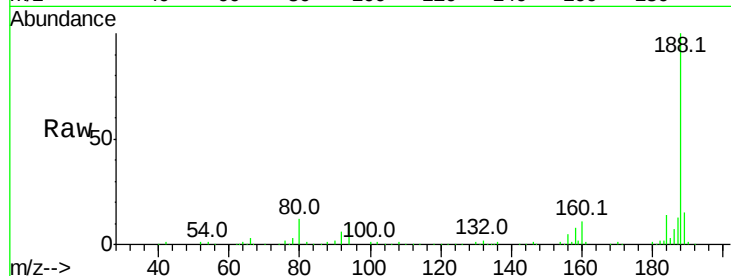




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099687.D
Acq: 20 Oct 2017 6:10

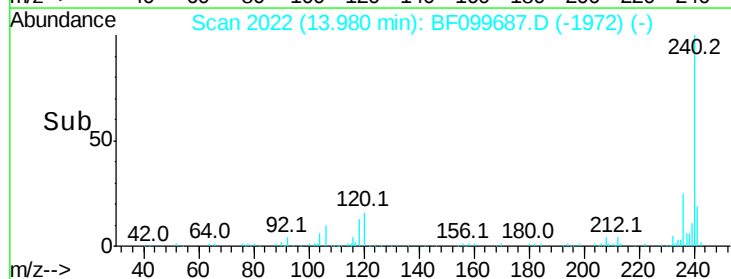
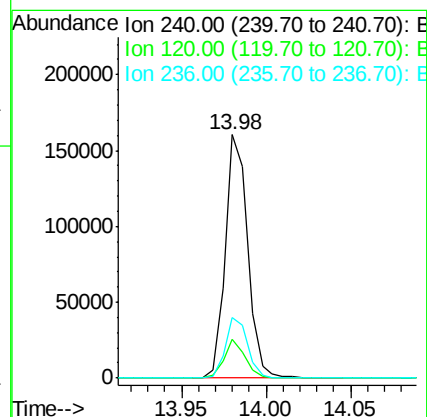
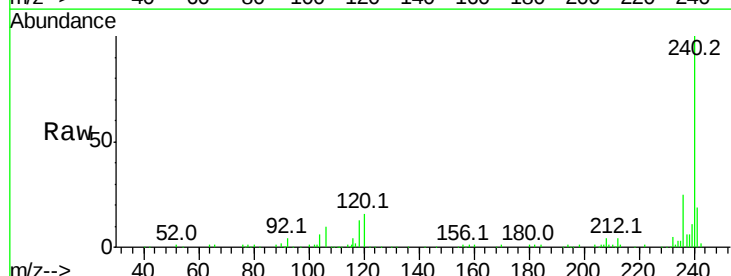
Instrument :
BNA_F
ClientSampleId :
101317-TIFR-E-U-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.6	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099687.D
Acq: 20 Oct 2017 6:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	25.0	20.7	31.1





#78

Terphenyl-d14

Concen: 101.934 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099687.D

Acq: 20 Oct 2017 6:10

Instrument :

BNA_F

ClientSampleId :

101317-TIFR-E-U-B

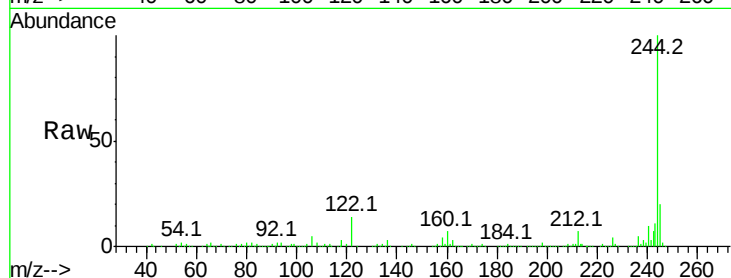
Tot Ion:244 Resp: 666037

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

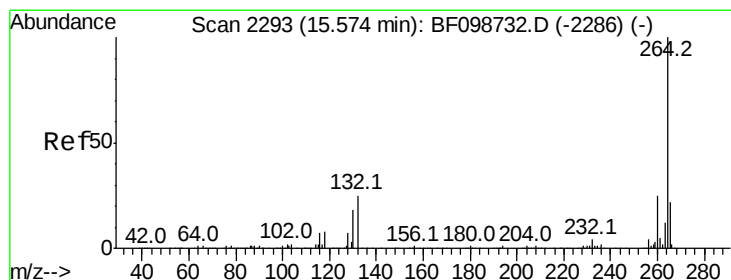
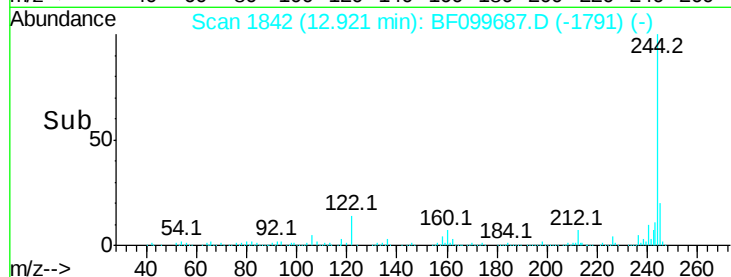
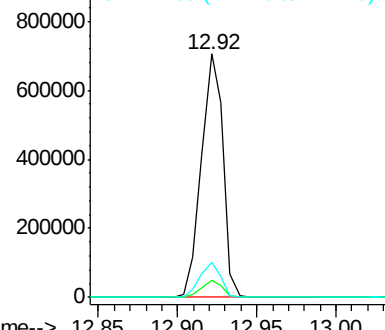
122 14.4 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF099687.D

Acq: 20 Oct 2017 6:10

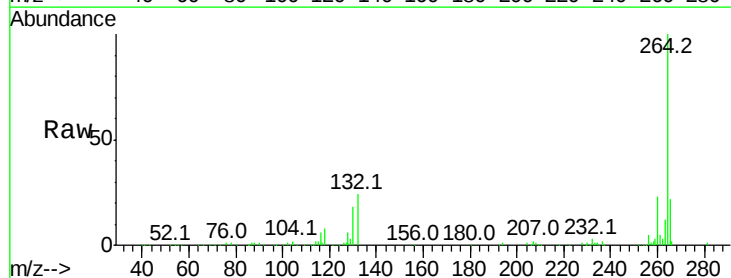
Tgt Ion:264 Resp: 163131

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.8 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

