

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099675.D
 Acq On : 19 Oct 2017 23:43
 Operator : SJ/JU
 Sample : I5884-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101217-TIFR-E-D-S

Quant Time: Oct 20 13:41:57 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	89511	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	361679	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	152786	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	215875	20.00	ng	0.00
75) Chrysene-d12	13.99	240	150011	20.00	ng	0.00
86) Perylene-d12	15.44	264	168057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	269186	47.87	ng	0.00
7) Phenol-d6	6.46	99	209322	30.18	ng	0.00
23) Nitrobenzene-d5	7.39	82	549231	97.39	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	103463	82.76	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1010728	110.44	ng	0.00
78) Terphenyl-d14	12.92	244	615119	93.25	ng	0.00

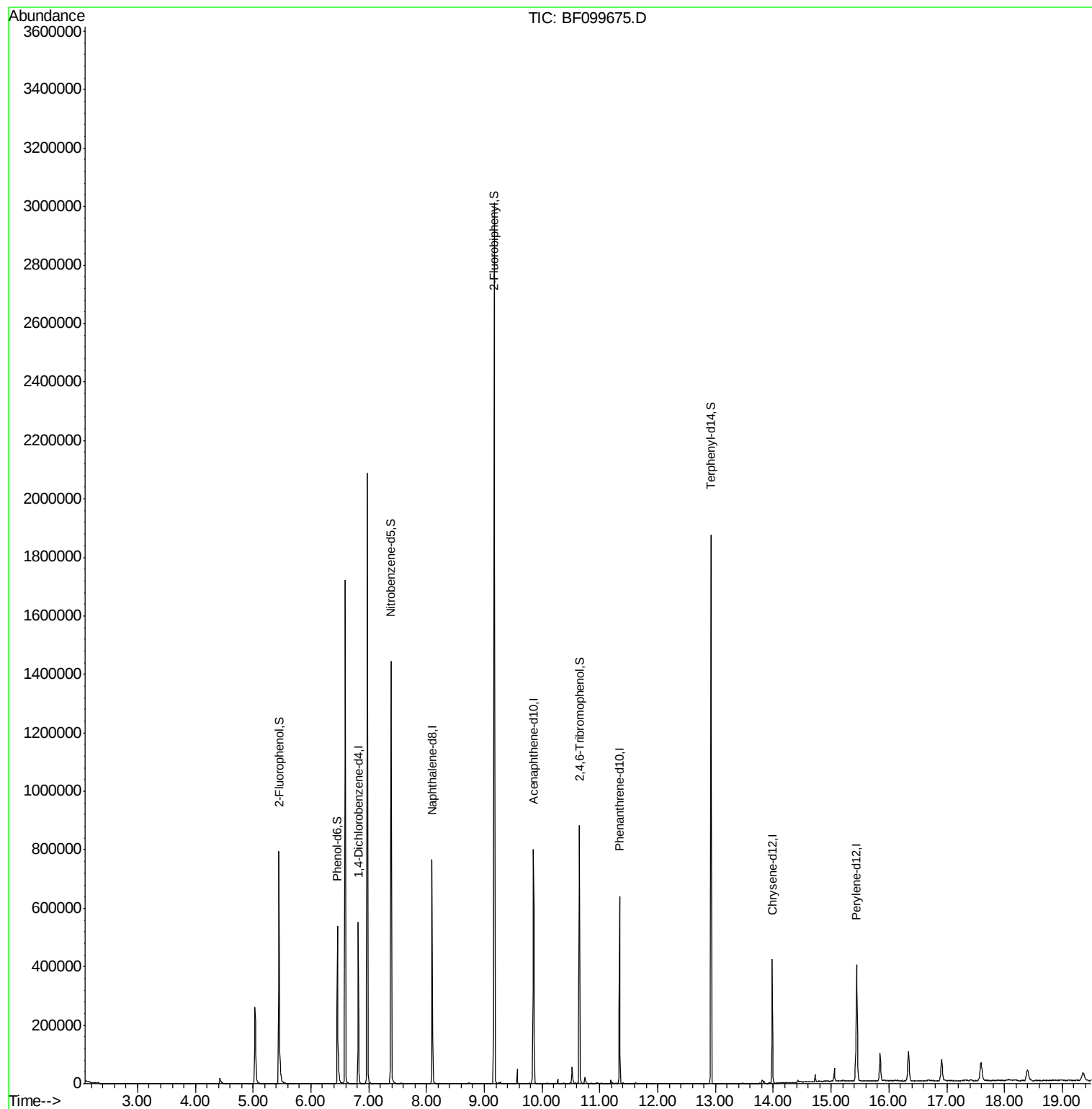
Target Compounds Qvalue

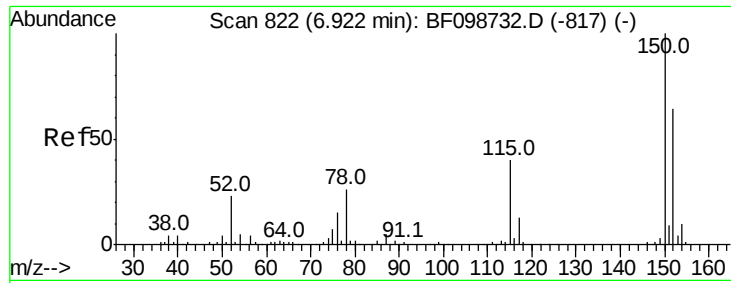
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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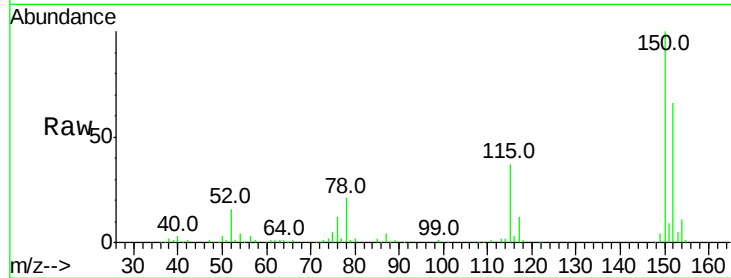


#1

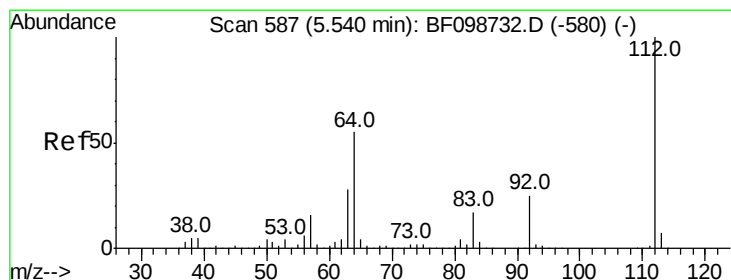
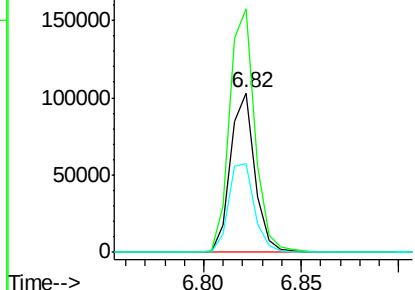
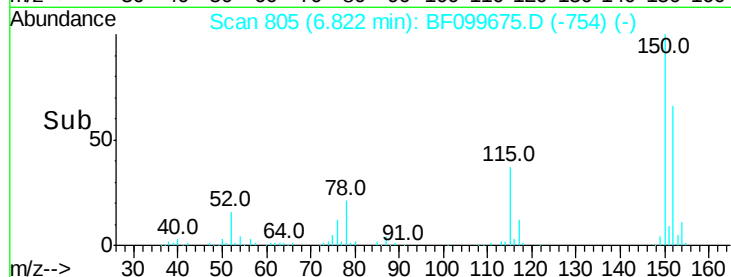
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF099675.D
Acq: 19 Oct 2017 23:43

Instrument :
BNA_F
ClientSampleId :
101217-TIFR-E-D-S

Tot Ion:152 Resp: 89511
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 55.8 50.1 75.1



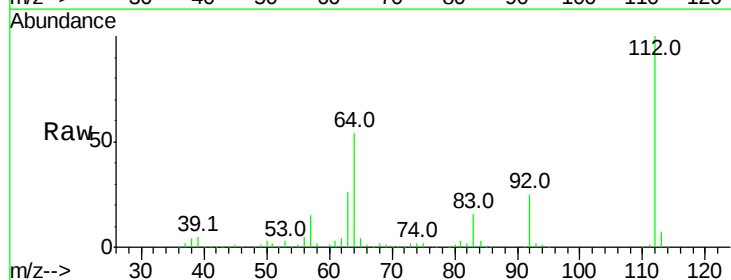
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



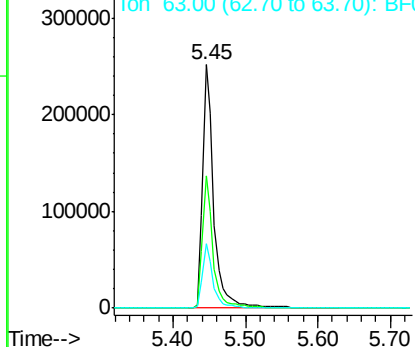
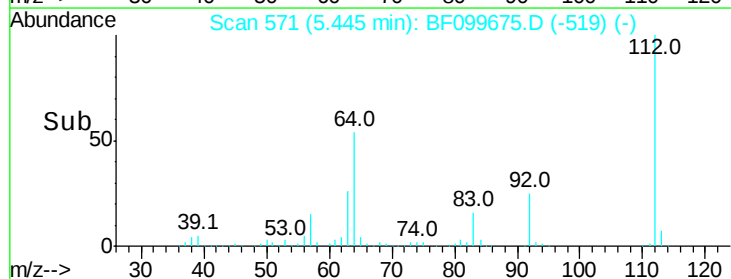
#5

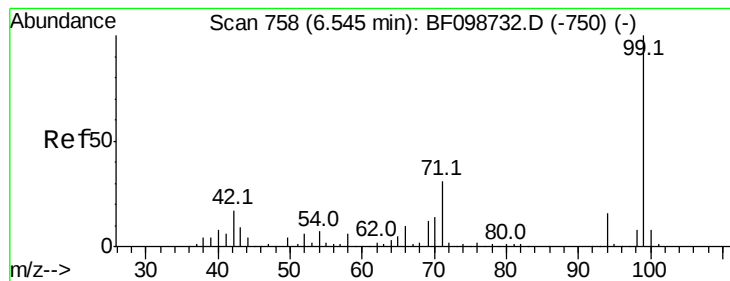
2-Fluorophenol
Concen: 47.873 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF099675.D
Acq: 19 Oct 2017 23:43

Tgt Ion:112 Resp: 269186
Ion Ratio Lower Upper
112 100
64 54.4 47.9 71.9
63 26.3 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: 30.177 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099675.D

Acq: 19 Oct 2017 23:43

Instrument :

BNA_F

ClientSampleId :

101217-TIFR-E-D-S

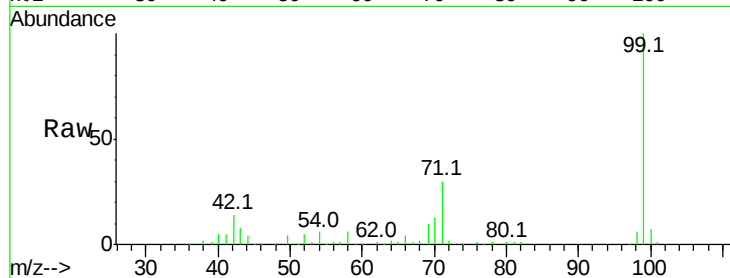
Tot Ion: 99 Resp: 209322

Ion Ratio Lower Upper

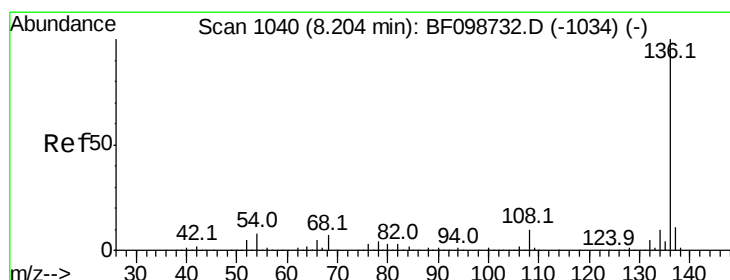
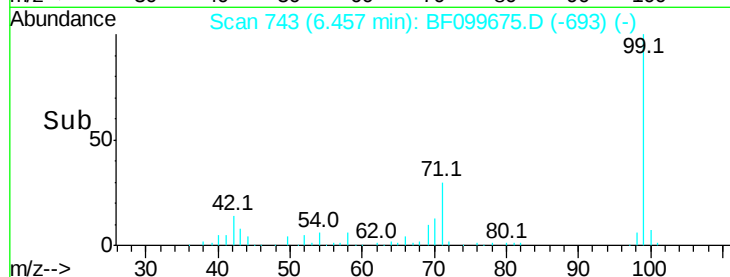
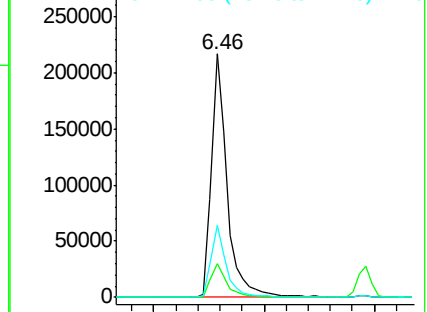
99 100

42 14.0 14.5 21.7#

71 29.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099675.D

Acq: 19 Oct 2017 23:43

Tgt Ion: 136 Resp: 361679

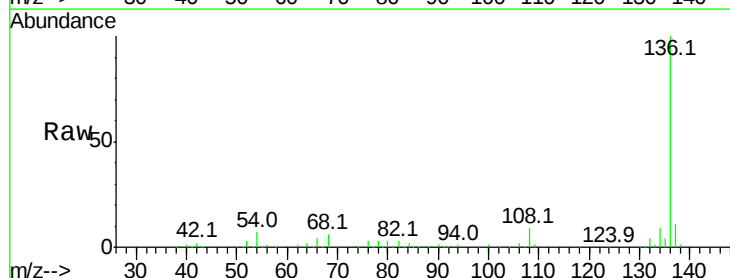
Ion Ratio Lower Upper

136 100

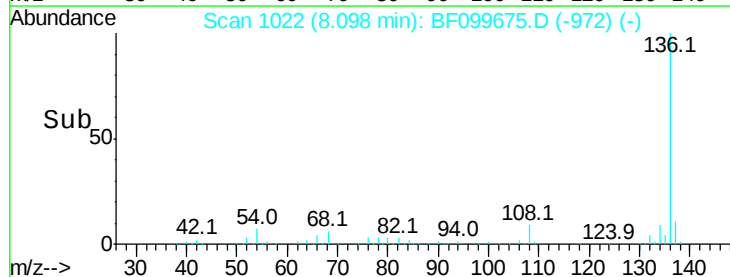
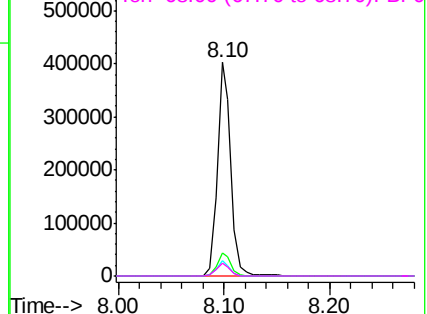
137 11.1 8.9 13.3

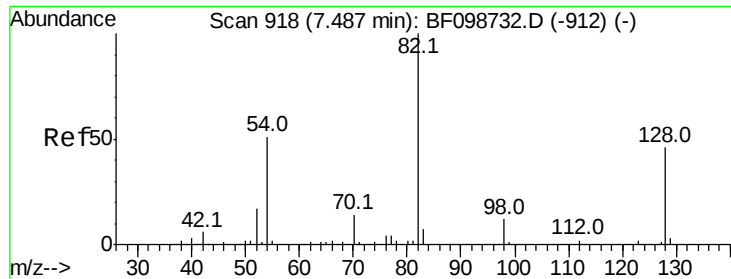
54 7.4 6.6 9.8

68 5.9 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): BF0
Ion 68.00 (67.70 to 68.70): BF0

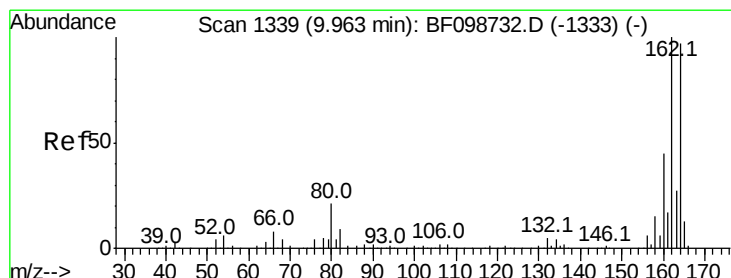
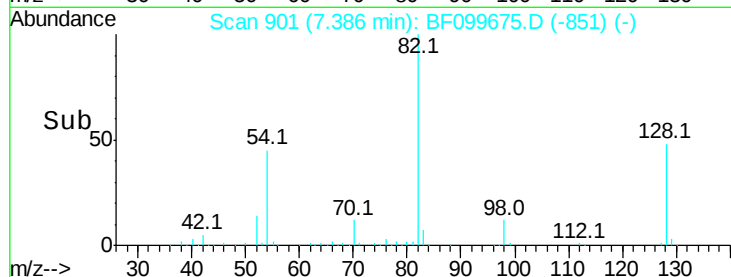
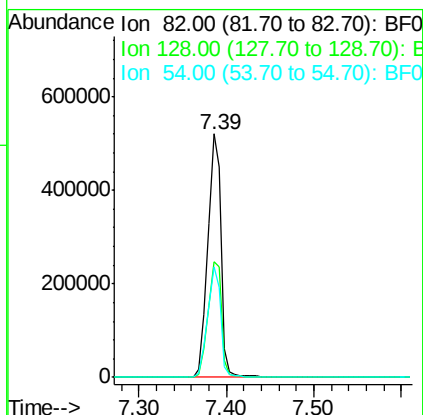
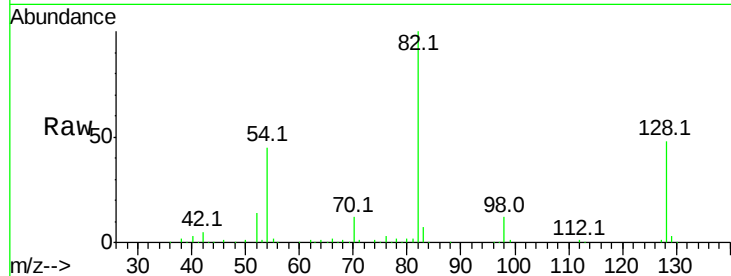




#23
 Nitrobenzene-d5
 Concen: 97.385 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099675.D
 Acq: 19 Oct 2017 23:43

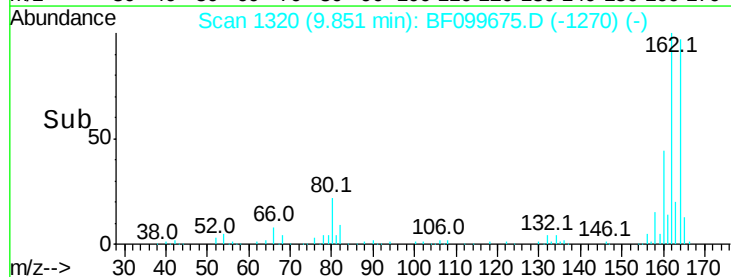
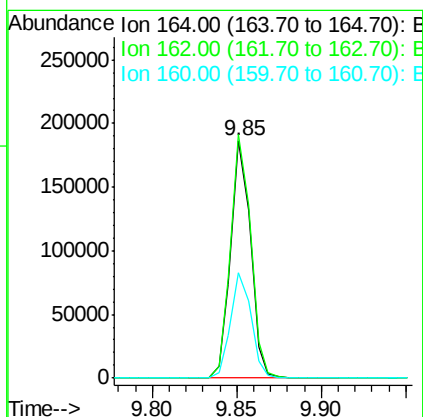
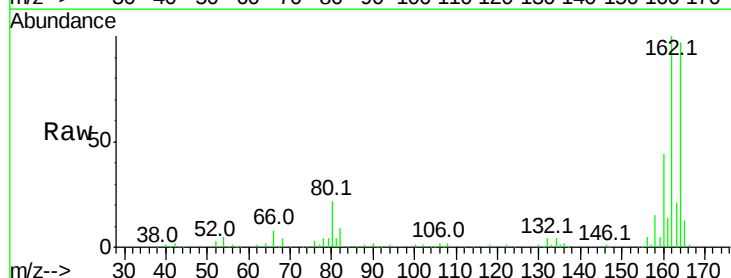
Instrument :
 BNA_F
 ClientSampleId :
 101217-TIFR-E-D-S

Tot Ion: 82 Resp: 549231
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.1 54.1
 54 45.2 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: BF099675.D
 Acq: 19 Oct 2017 23:43

Tgt Ion: 164 Resp: 152786
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 44.7 38.3 57.5

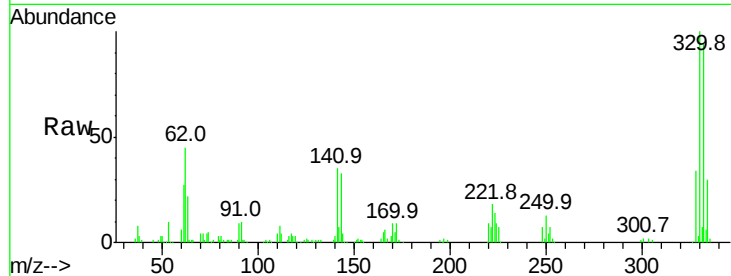




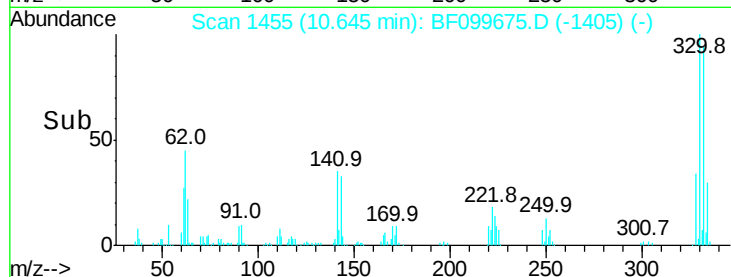
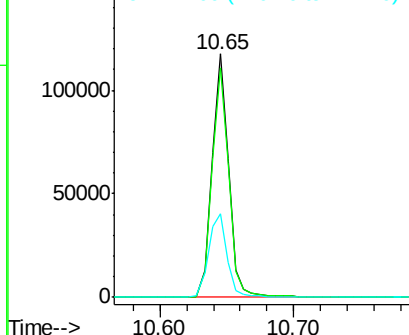
#41
 2,4,6-Tribromophenol
 Concen: 82.757 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099675.D
 Acq: 19 Oct 2017 23:43

Instrument :
 BNA_F
 ClientSampleId :
 101217-TIFR-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	37.7	29.9	44.9

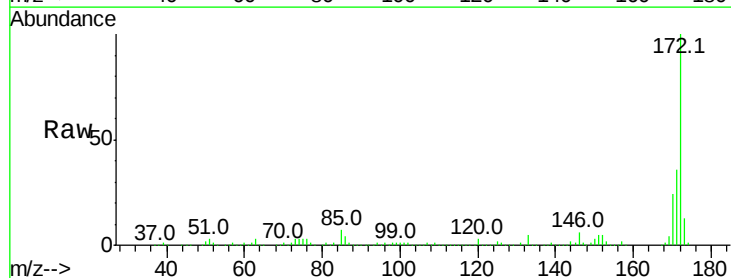


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

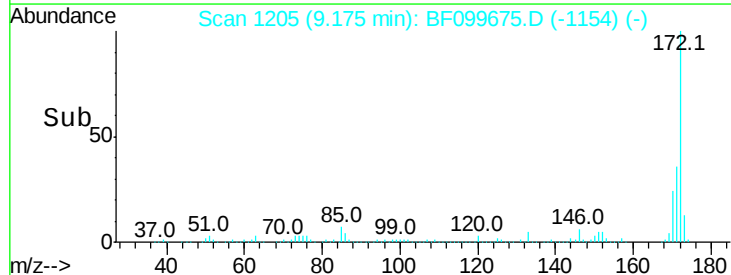
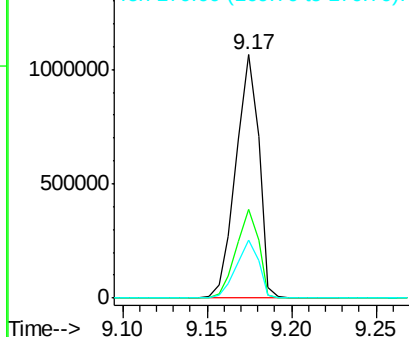


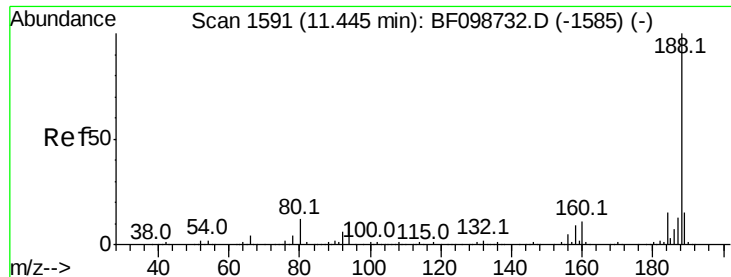
#44
 2-Fluorobiphenyl
 Concen: 110.437 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF099675.D
 Acq: 19 Oct 2017 23:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	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: BF099675.D

Acq: 19 Oct 2017 23:43

Instrument :

BNA_F

ClientSampleId :

101217-TIFR-E-D-S

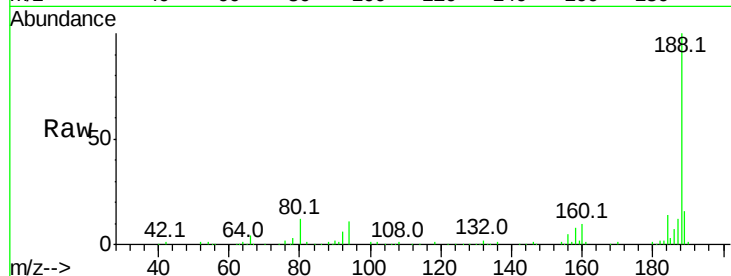
Tot Ion:188 Resp: 215875

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

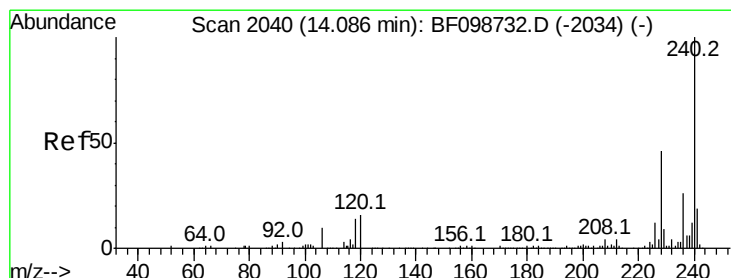
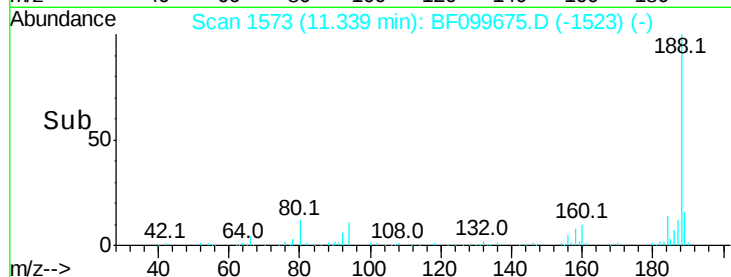
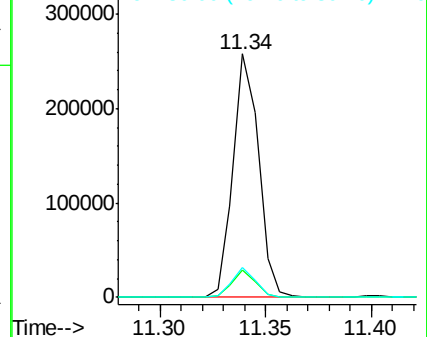
80 12.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF099675.D

Acq: 19 Oct 2017 23:43

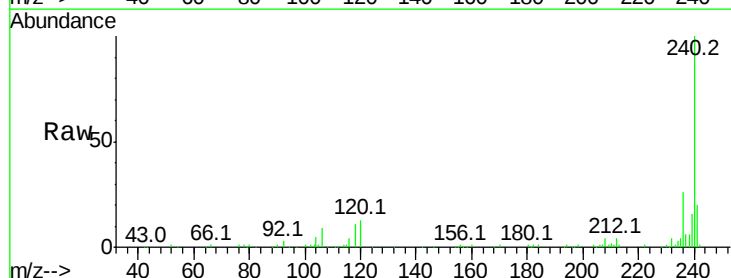
Tgt Ion:240 Resp: 150011

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

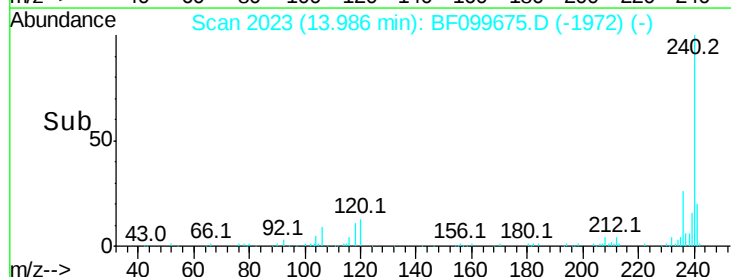
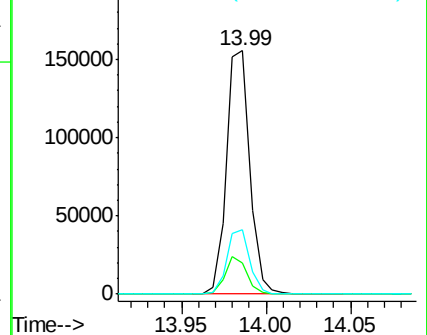
236 26.2 20.7 31.1



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: 93.253 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099675.D

Acq: 19 Oct 2017 23:43

Instrument :

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ClientSampleId :

101217-TIFR-E-D-S

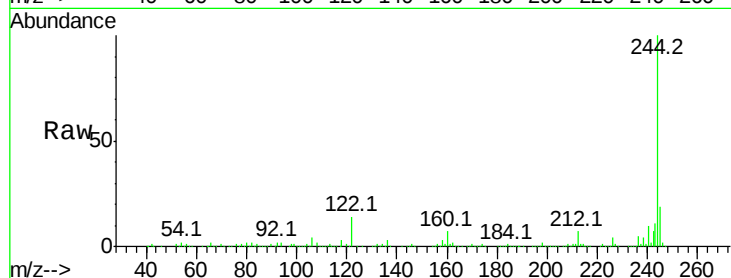
Tot Ion:244 Resp: 615119

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

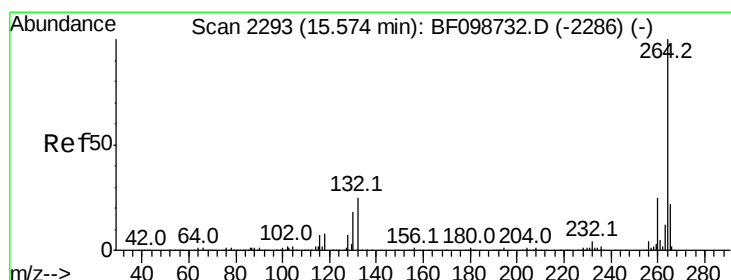
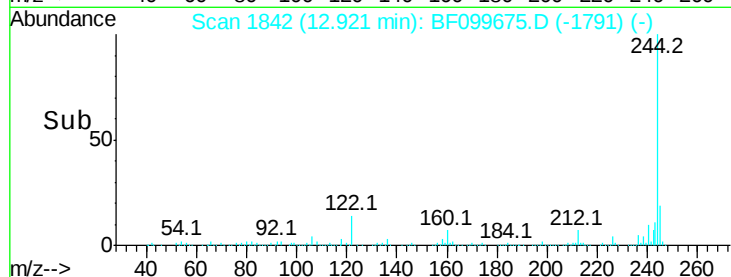
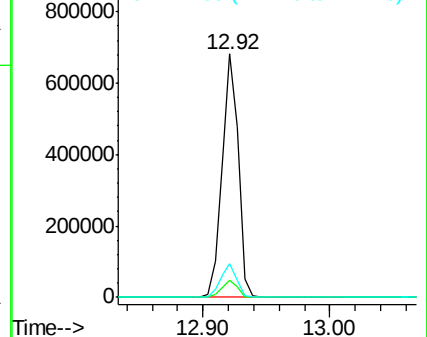
122 14.0 11.0 16.4



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: BF099675.D

Acq: 19 Oct 2017 23:43

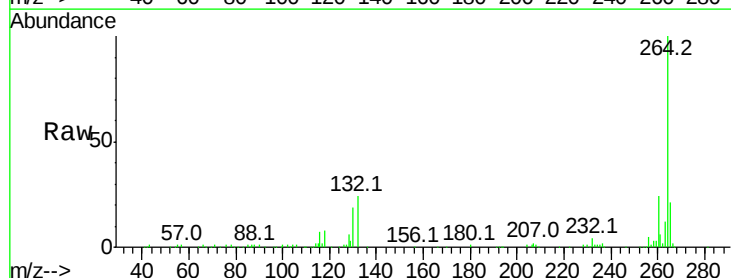
Tgt Ion:264 Resp: 168057

Ion Ratio Lower Upper

264 100

260 23.7 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

