

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099689.D
 Acq On : 20 Oct 2017 7:05
 Operator : SJ/JU
 Sample : I5927-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101317-TIDO-E-U-M

Quant Time: Oct 20 14:03:39 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

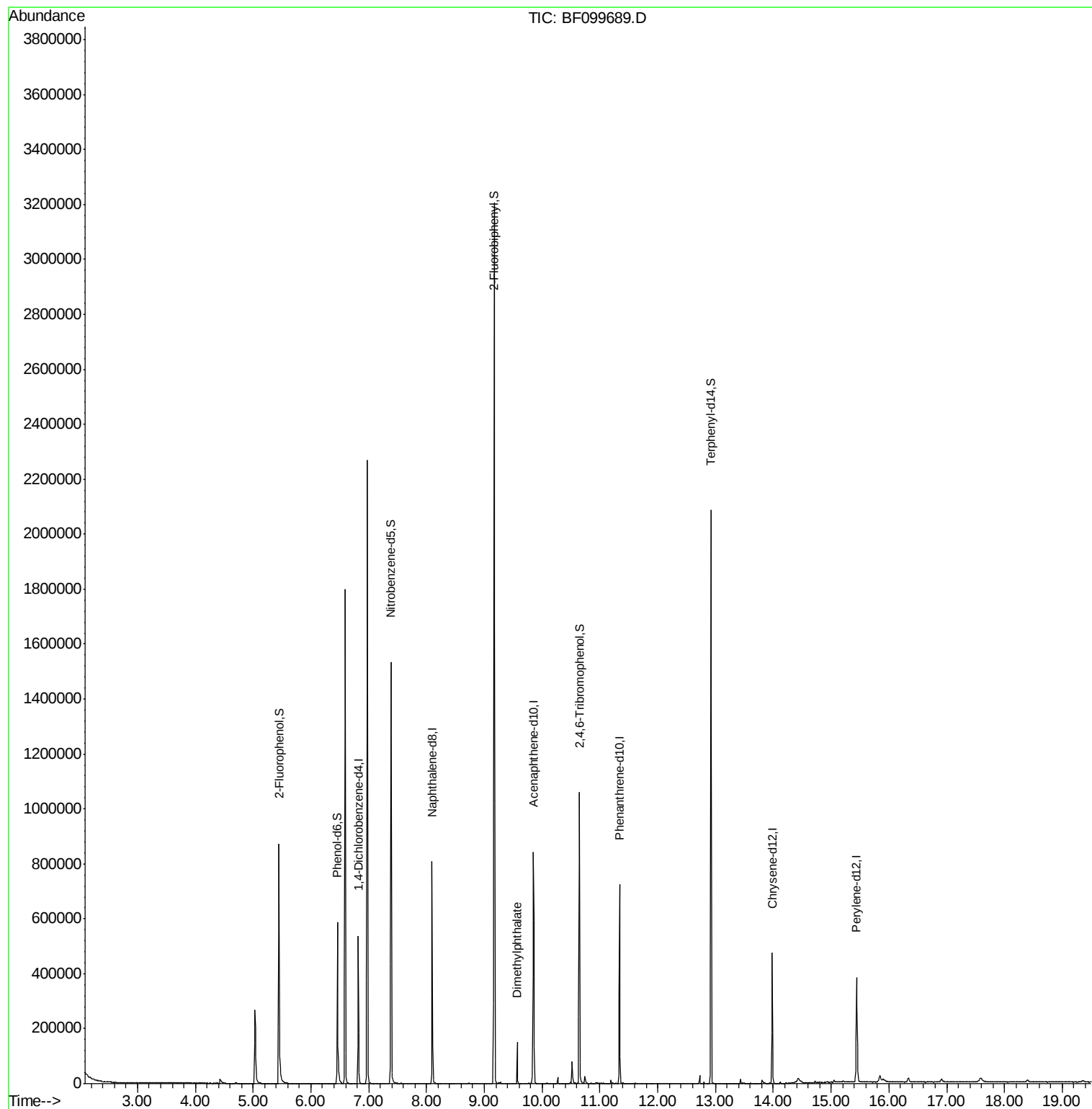
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	91568	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	373550	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	162224	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	238399	20.00	ng	0.00
75) Chrysene-d12	13.98	240	158113	20.00	ng	0.00
86) Perylene-d12	15.44	264	171227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	292410	50.84	ng	0.00
7) Phenol-d6	6.46	99	225930	31.84	ng	0.00
23) Nitrobenzene-d5	7.39	82	585352	100.49	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	123580	93.10	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1093396	112.52	ng	0.00
78) Terphenyl-d14	12.92	244	687246	98.85	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.57	163	63730	5.205	ng	99

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

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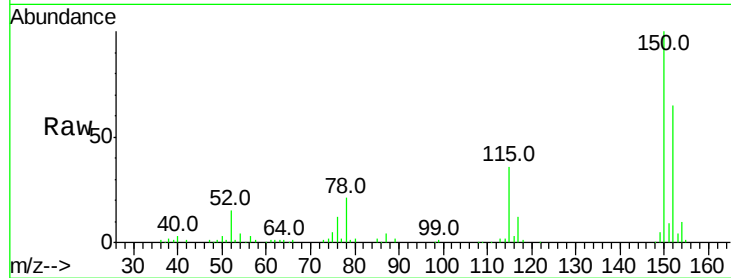


#1

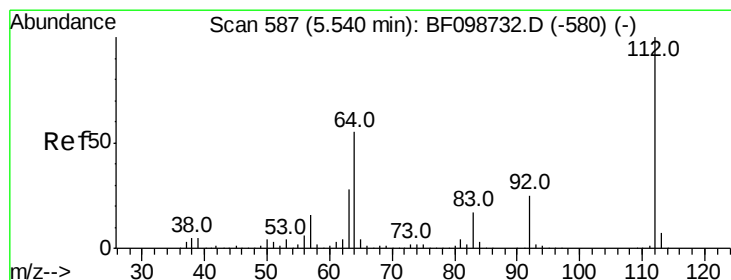
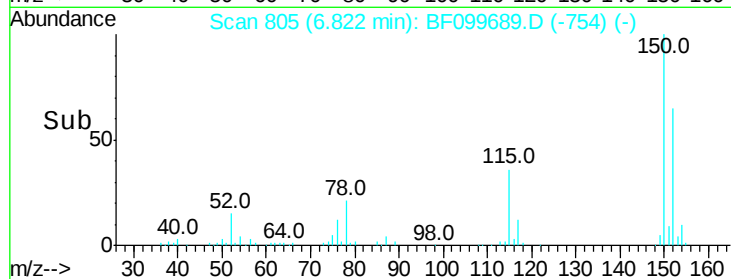
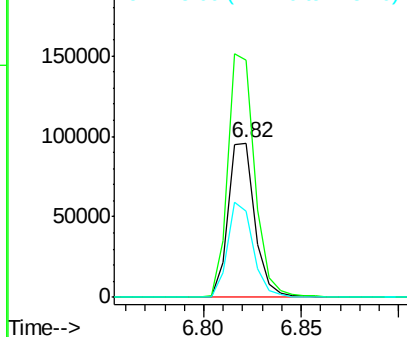
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF099689.D
Acq: 20 Oct 2017 7:05

Instrument :
BNA_F
ClientSampleId :
101317-TIDO-E-U-M

Tot Ion:152 Resp: 91568
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 56.1 50.1 75.1



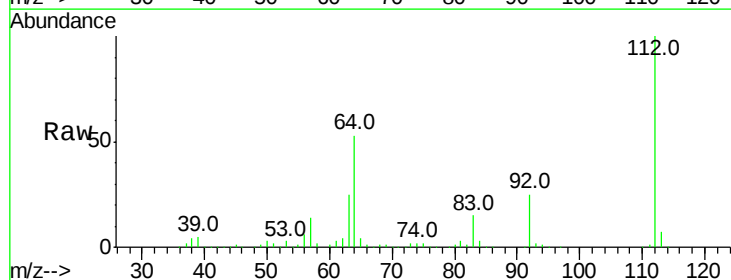
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



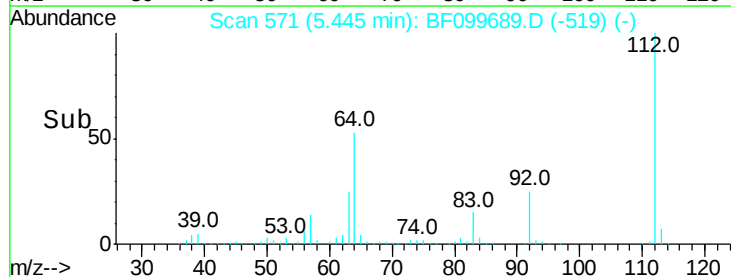
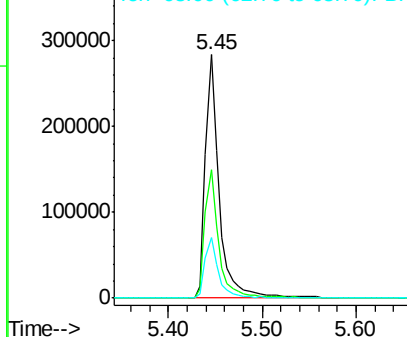
#5

2-Fluorophenol
Concen: 50.835 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF099689.D
Acq: 20 Oct 2017 7:05

Tgt Ion:112 Resp: 292410
Ion Ratio Lower Upper
112 100
64 52.6 47.9 71.9
63 25.1 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: 31.840 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099689.D

Acq: 20 Oct 2017 7:05

Instrument :

BNA_F

ClientSampleId :

101317-TIDO-E-U-M

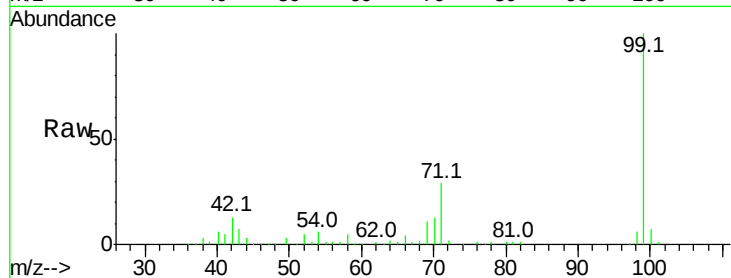
Tot Ion: 99 Resp: 225930

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

71 28.7 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

6.46

250000

200000

150000

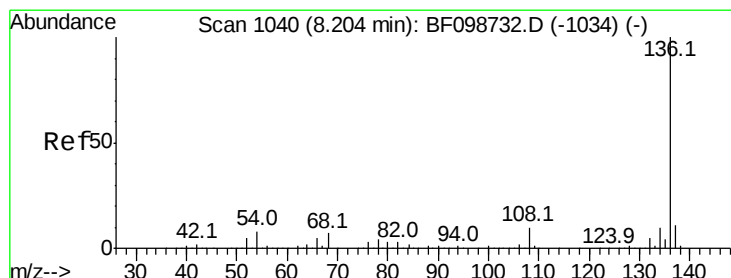
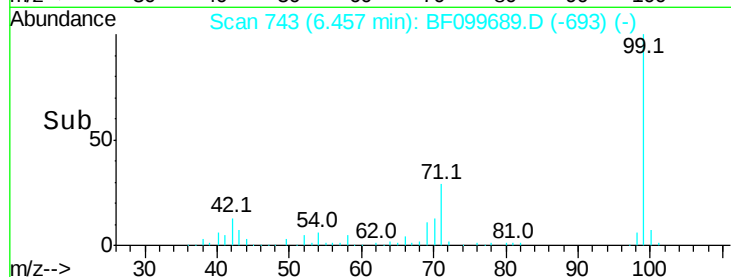
100000

50000

0

6.40 6.50 6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099689.D

Acq: 20 Oct 2017 7:05

Tgt Ion: 136 Resp: 373550

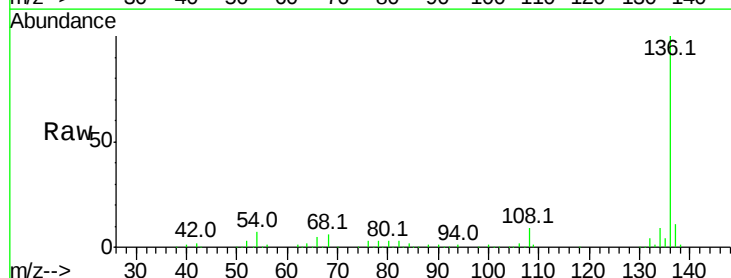
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.0 6.6 9.8

68 6.0 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

8.10

600000

500000

400000

300000

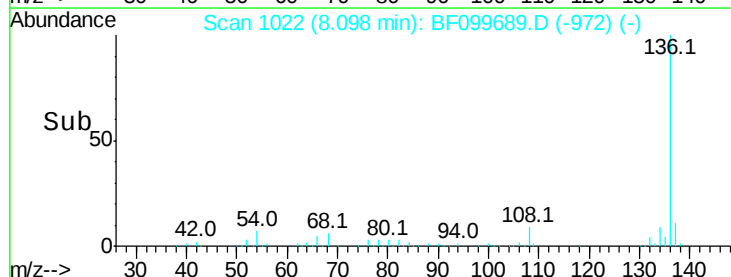
200000

100000

0

8.00 8.10 8.20

Time-->

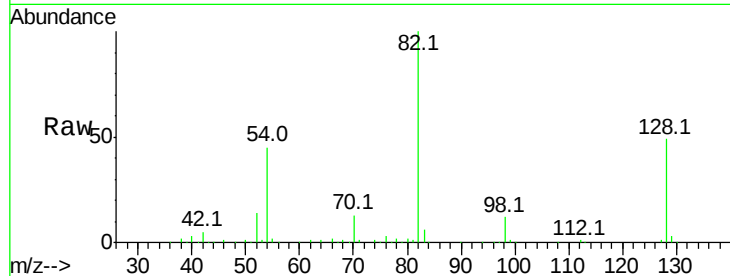




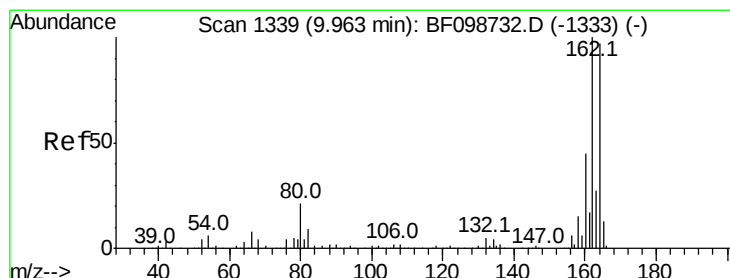
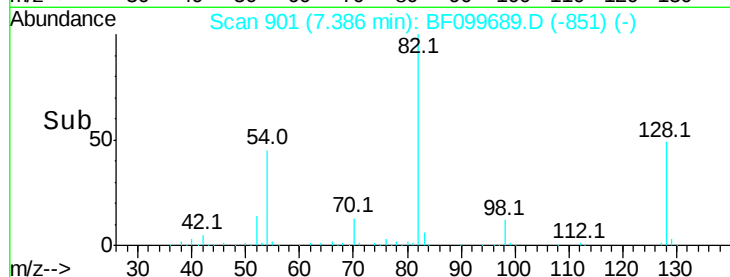
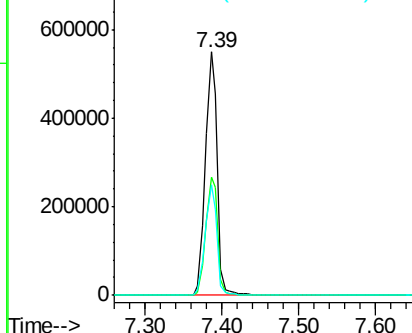
#23
Nitrobenzene-d5
Concen: 100.492 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099689.D
Acq: 20 Oct 2017 7:05

Instrument :
BNA_F
ClientSampleId :
101317-TIDO-E-U-M

Tot Ion: 82 Resp: 585352
Ion Ratio Lower Upper
82 100
128 48.6 36.1 54.1
54 45.3 41.4 62.2

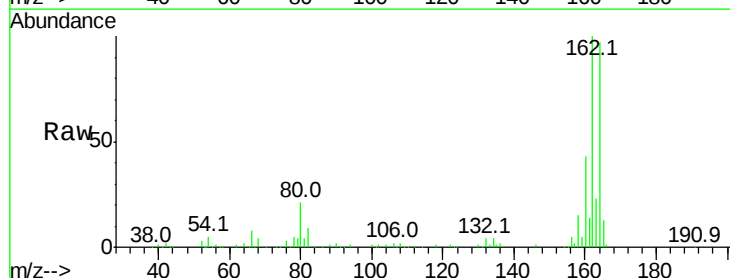


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

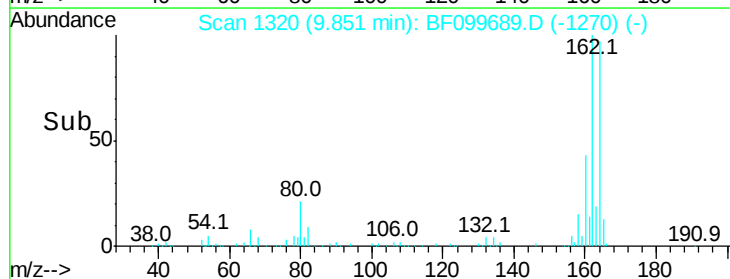
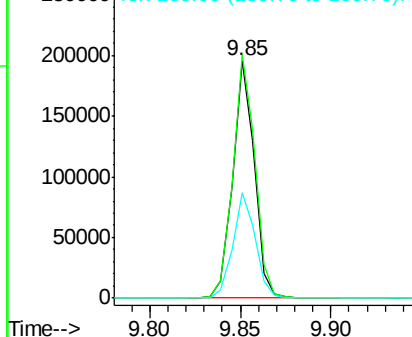


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF099689.D
Acq: 20 Oct 2017 7:05

Tgt Ion:164 Resp: 162224
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 44.6 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

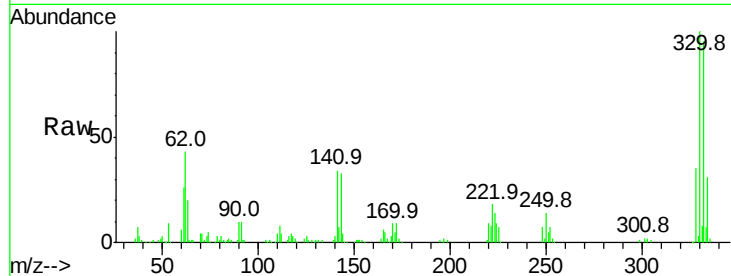




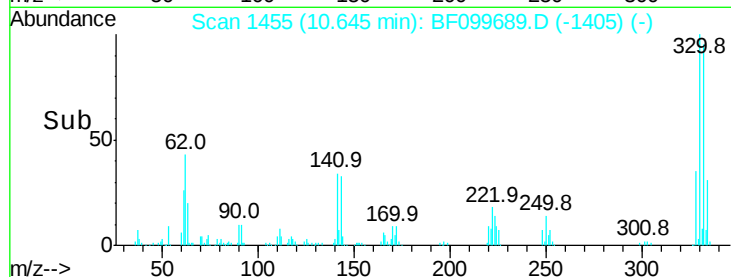
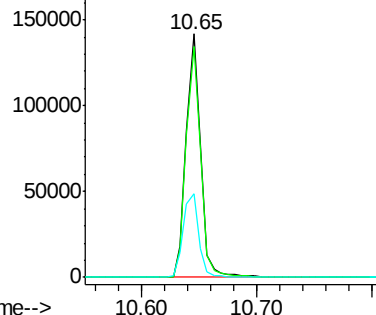
#41
 2,4,6-Tribromophenol
 Concen: 93.097 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099689.D
 Acq: 20 Oct 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 101317-TIDO-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.5	29.9	44.9

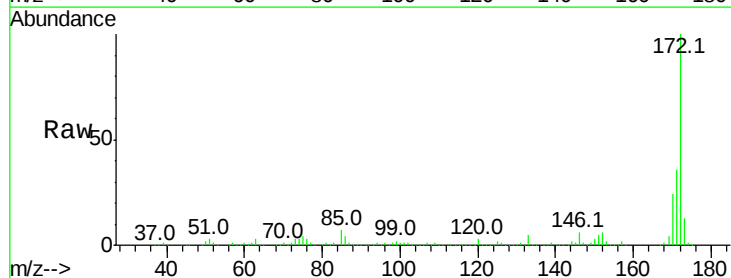


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

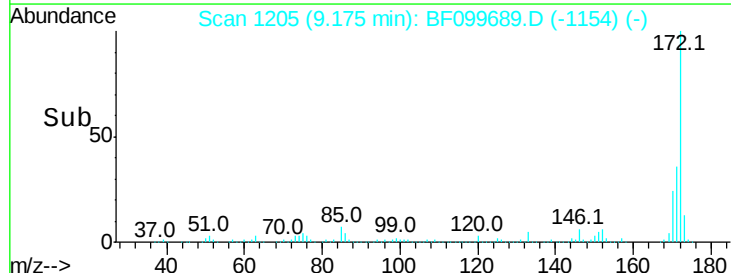
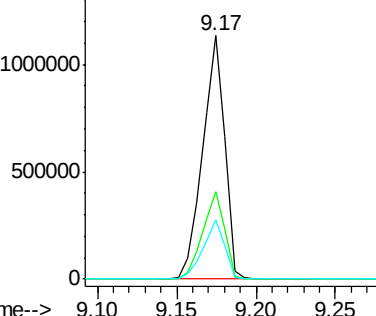


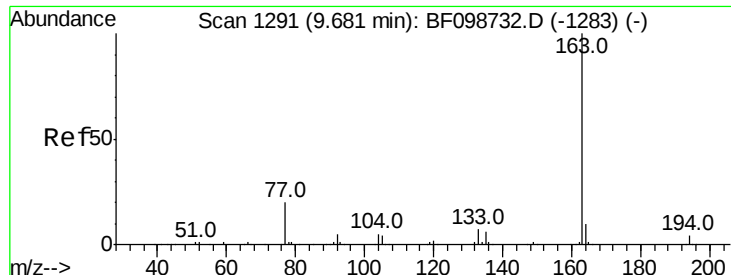
#44
 2-Fluorobiphenyl
 Concen: 112.519 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF099689.D
 Acq: 20 Oct 2017 7:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	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

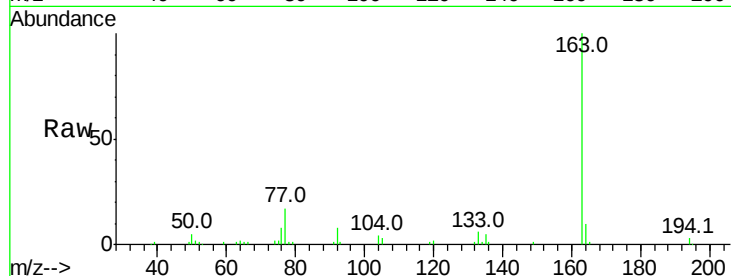




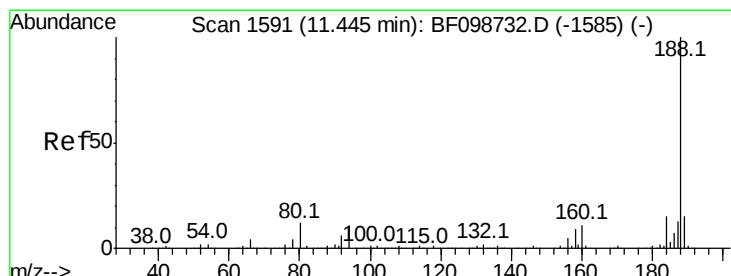
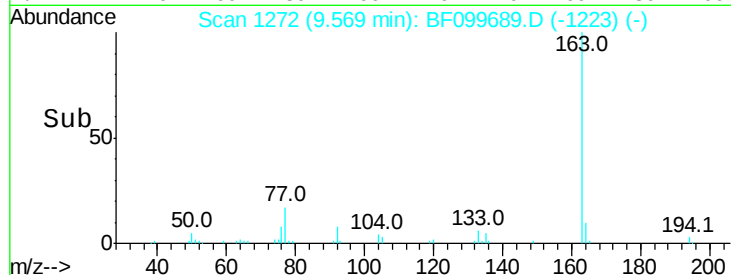
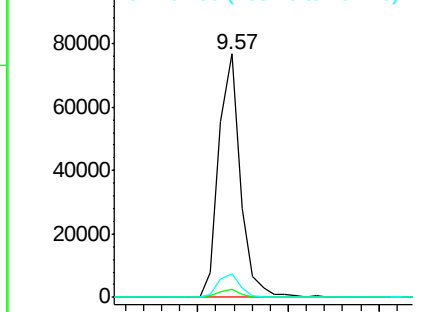
#49
Dimethylphthalate
Concen: 5.205 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF099689.D
Acq: 20 Oct 2017 7:05

Instrument :
BNA_F
ClientSampleId :
101317-TIDO-E-U-M

Tot Ion:163 Resp: 63730
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.9 8.2 12.2

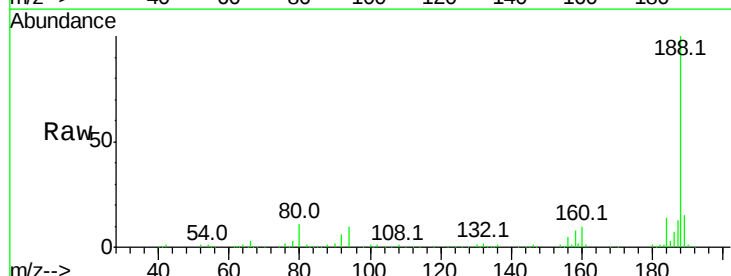


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

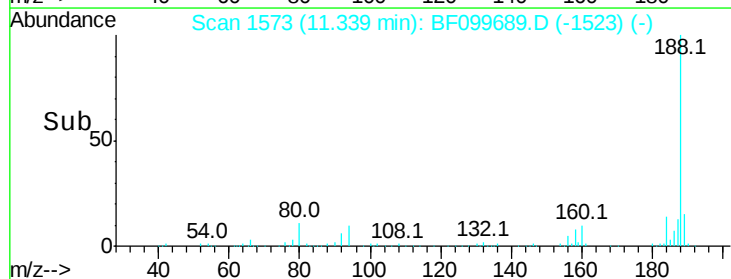
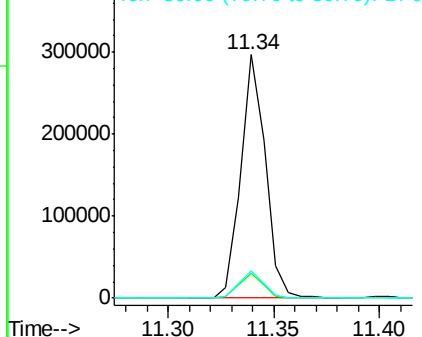


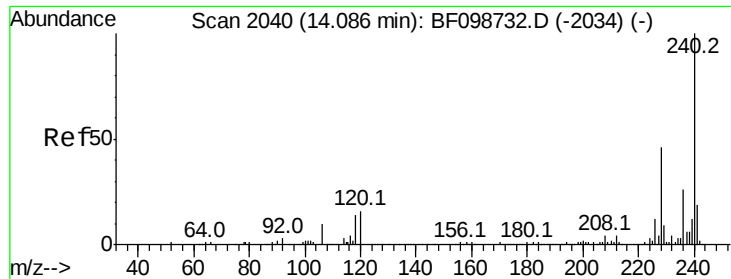
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099689.D
Acq: 20 Oct 2017 7:05

Tgt Ion:188 Resp: 238399
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.0 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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099689.D

Acq: 20 Oct 2017 7:05

Instrument :

BNA_F

ClientSampleId :

101317-TIDO-E-U-M

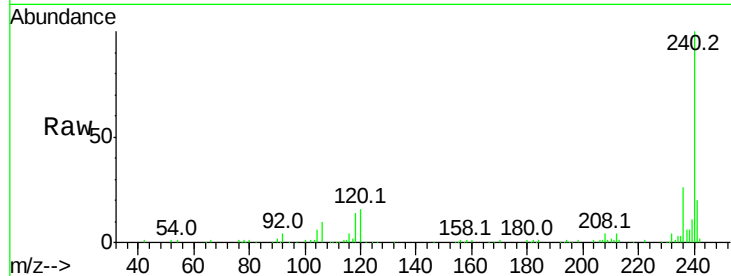
Tot Ion:240 Resp: 158113

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

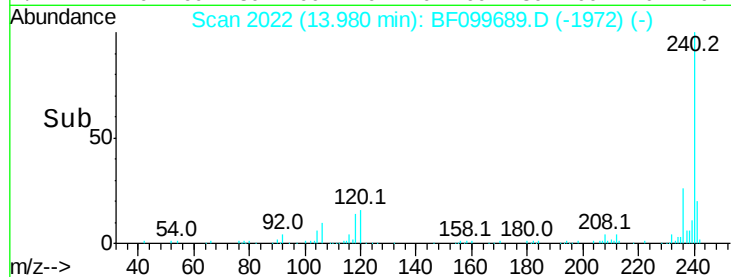
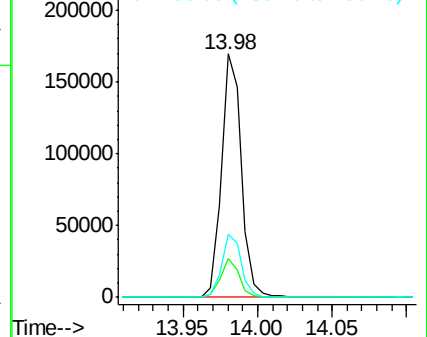
236 26.2 20.7 31.1



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: 98.849 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099689.D

Acq: 20 Oct 2017 7:05

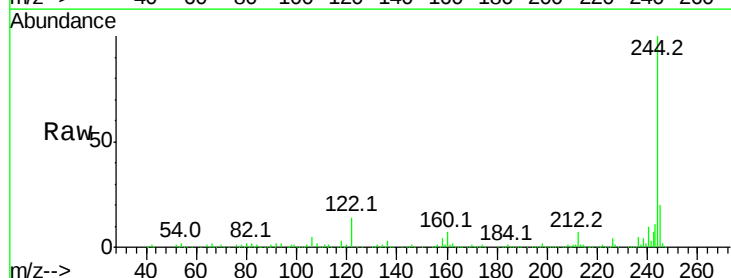
Tgt Ion:244 Resp: 687246

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

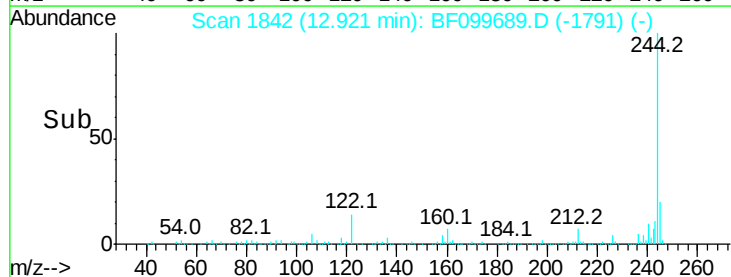
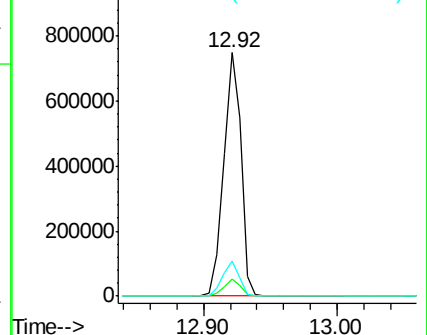
122 14.2 11.0 16.4



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

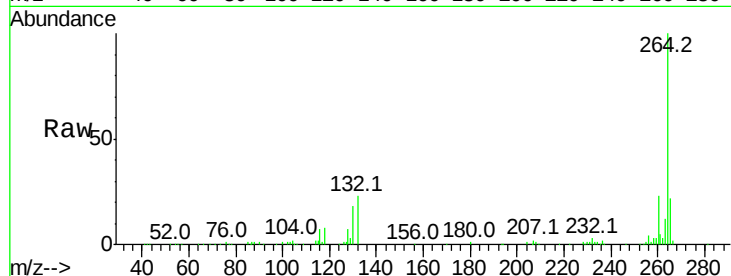




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF099689.D
Acq: 20 Oct 2017 7:05

Instrument :
BNA_F
ClientSampleId :
101317-TIDO-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.9	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

