

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099942.D
 Acq On : 29 Oct 2017 4:40
 Operator : SJ/JU
 Sample : I6059-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101817-TIDO-F-D-B

Quant Time: Oct 30 05:17:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

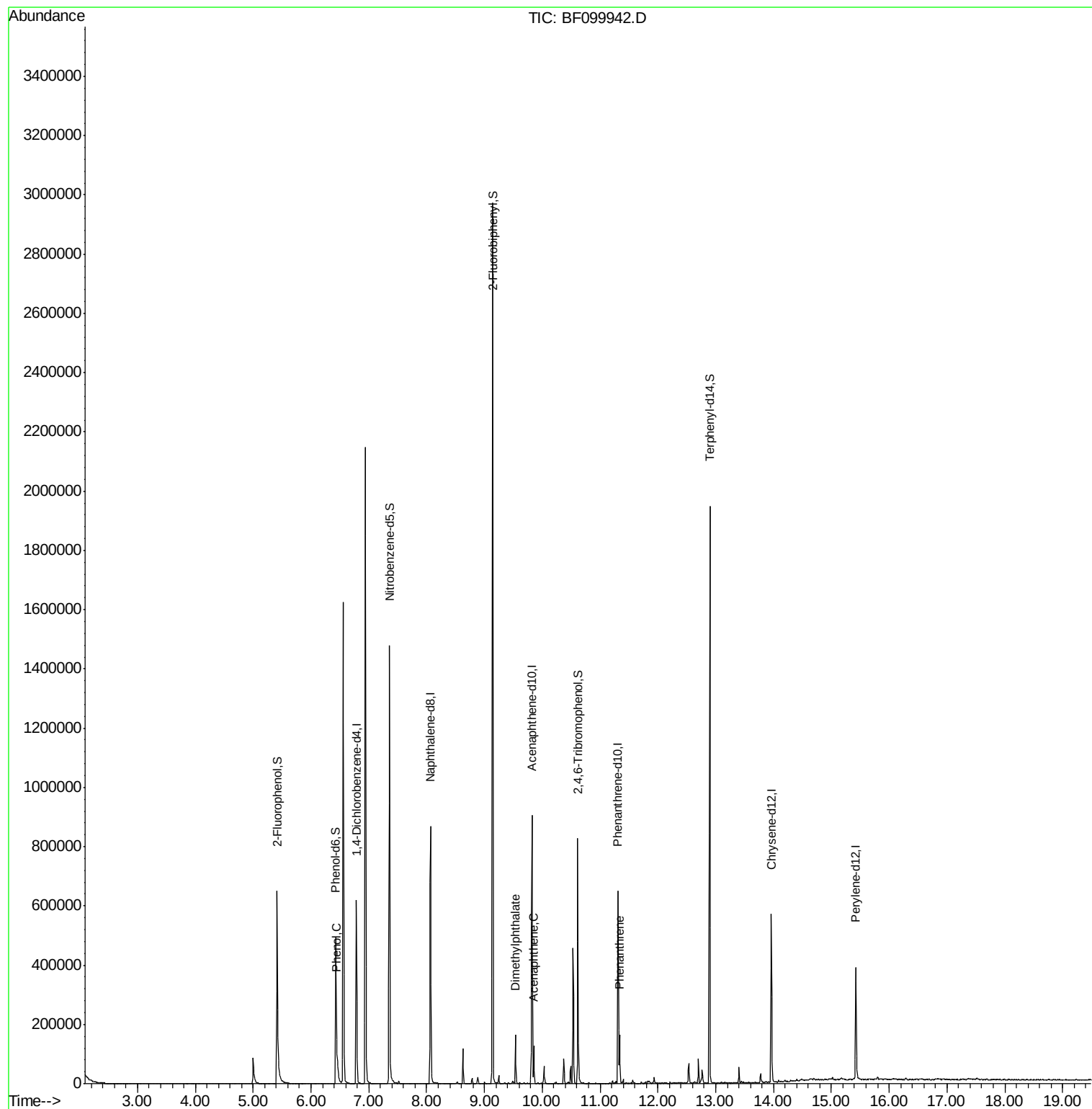
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107568	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	418605	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	172507	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	244275	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	182719	20.00	ng	-0.03
86) Perylene-d12	15.42	264	176595	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	279073	40.73	ng	0.00
7) Phenol-d6	6.43	99	237924	29.29	ng	-0.01
23) Nitrobenzene-d5	7.36	82	568047	87.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	98737	62.81	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1058940	94.71	ng	-0.01
78) Terphenyl-d14	12.90	244	688979	82.40	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	24522	2.749	ng	93
49) Dimethylphthalate	9.54	163	70322	5.148	ng	99
51) Acenaphthene	9.86	154	30597	2.869	ng	96
70) Phenanthrene	11.34	178	70812	5.137	ng	96

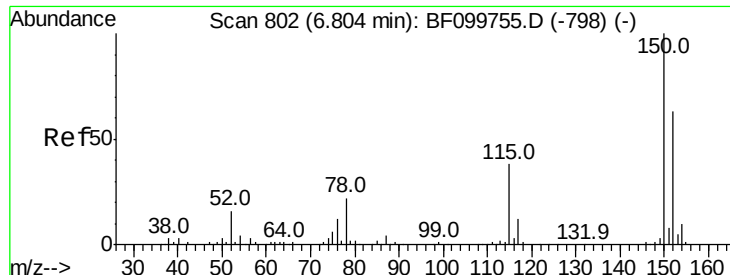
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099942.D
Acq On : 29 Oct 2017 4:40
Operator : SJ/JU
Sample : I6059-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
101817-TIDO-F-D-B

Quant Time: Oct 30 05:17:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration



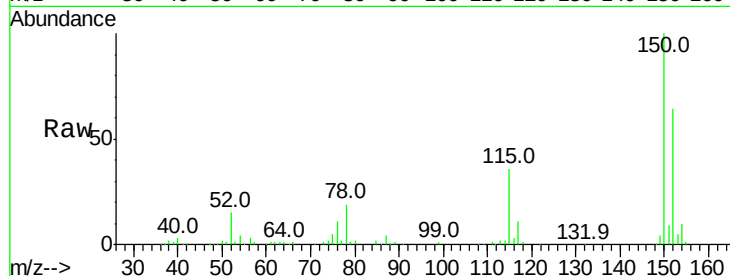


#1

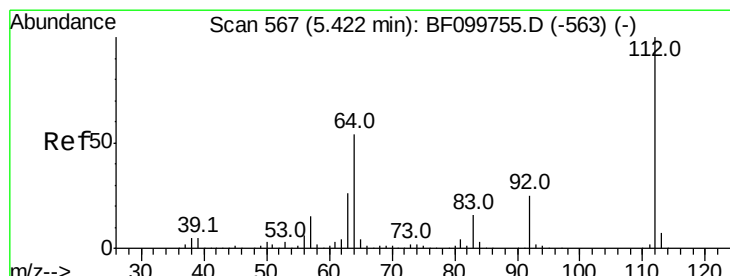
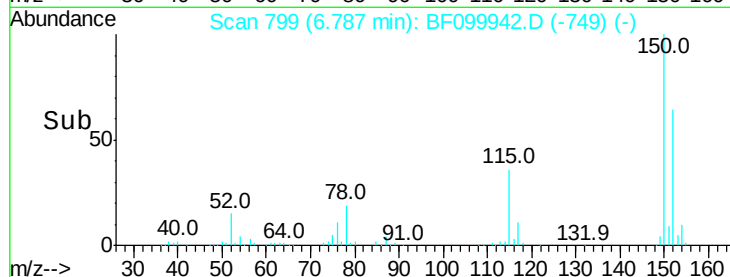
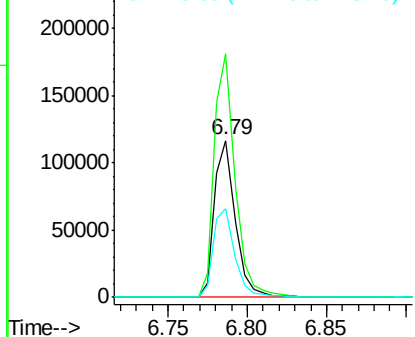
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Instrument :
BNA_F
ClientSampleId :
101817-TIDO-F-D-B

Tot Ion:152 Resp: 107568
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 56.6 50.1 75.1



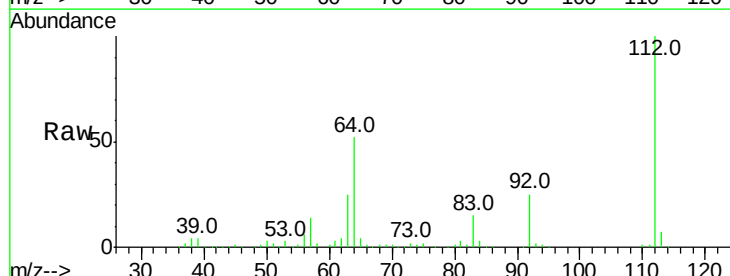
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



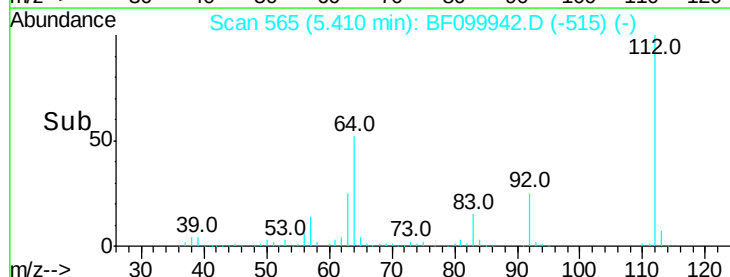
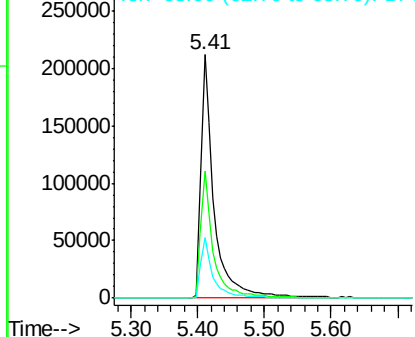
#5

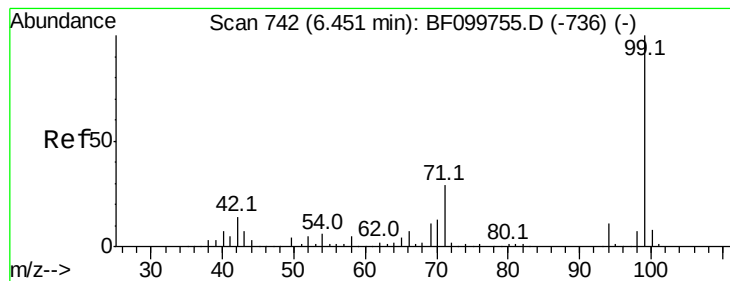
2-Fluorophenol
Concen: 40.731 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Tgt Ion:112 Resp: 279073
Ion Ratio Lower Upper
112 100
64 52.0 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: 29.286 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099942.D

Acq: 29 Oct 2017 4:40

Instrument :

BNA_F

ClientSampleId :

101817-TIDO-F-D-B

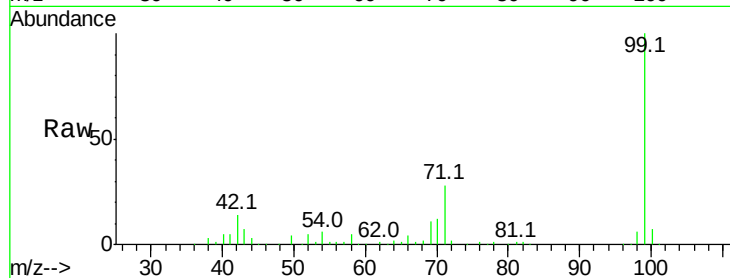
Tot Ion: 99 Resp: 237924

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

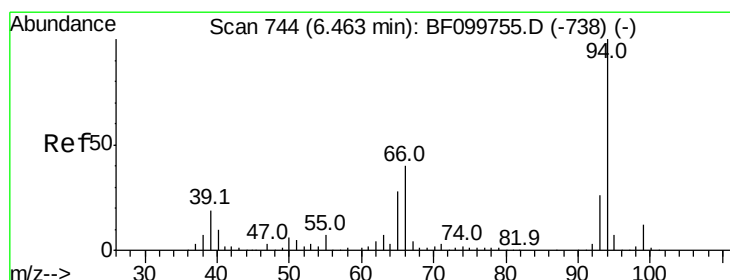
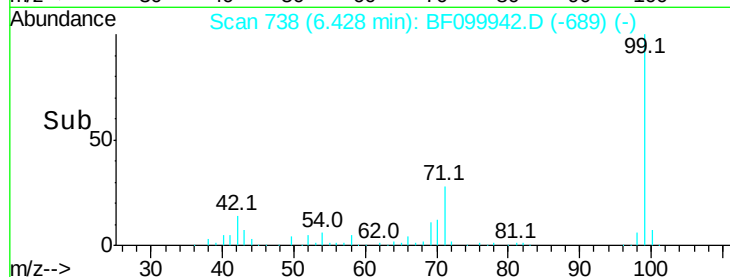
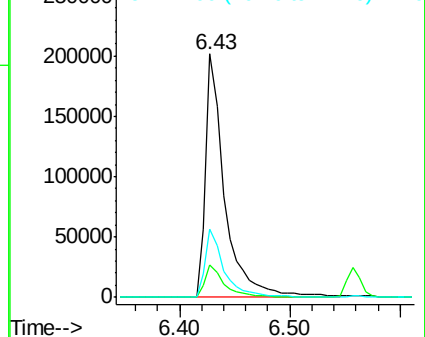
71 27.8 25.4 38.0



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



#10

Phenol

Concen: 2.749 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099942.D

Acq: 29 Oct 2017 4:40

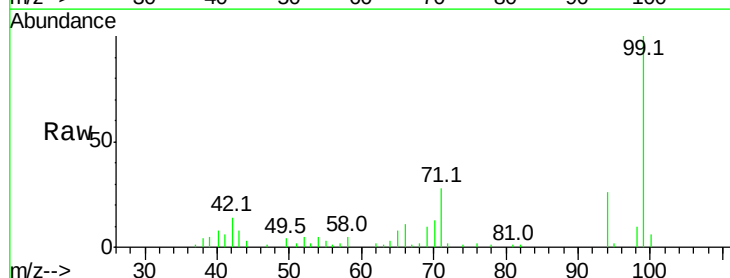
Tgt Ion: 94 Resp: 24522

Ion Ratio Lower Upper

94 100

65 29.6 7.9 47.9

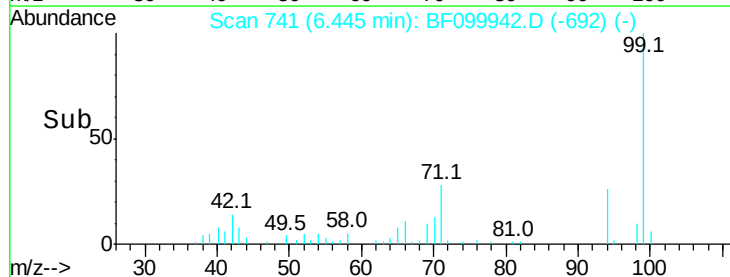
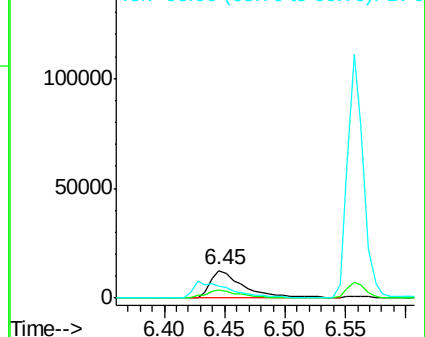
66 42.5 16.2 56.2

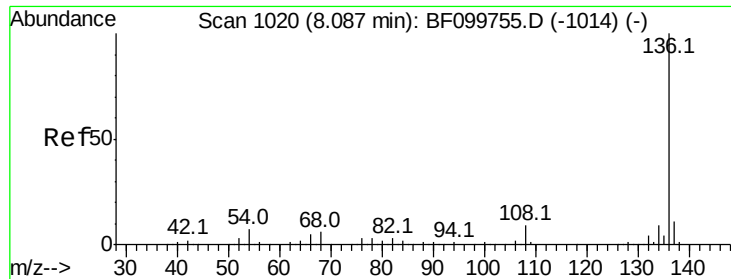


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

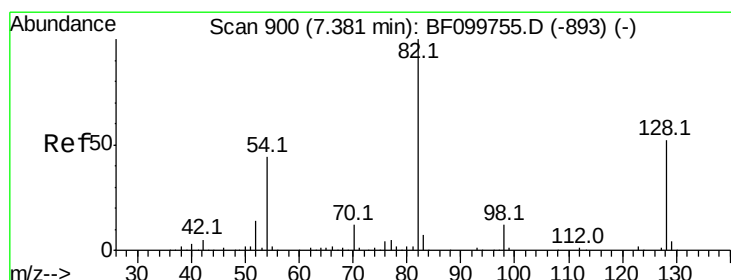
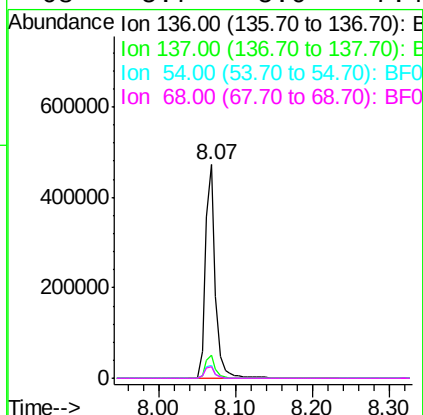
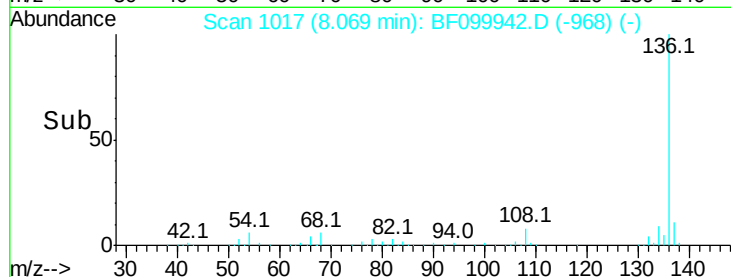
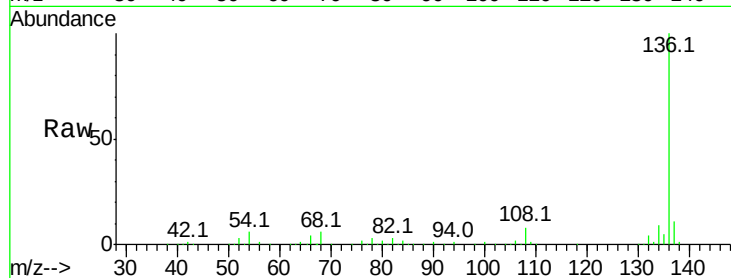




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

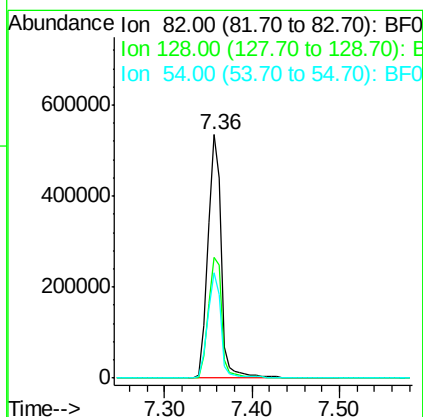
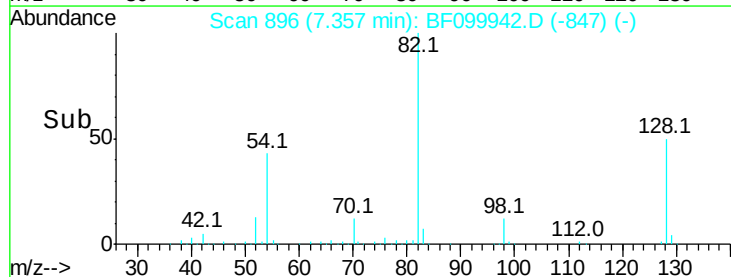
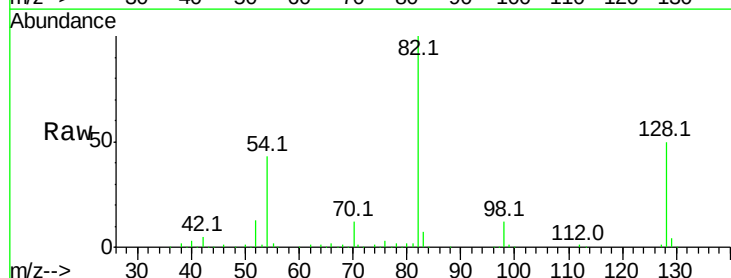
Instrument :
BNA_F
ClientSampleId :
101817-TIDO-F-D-B

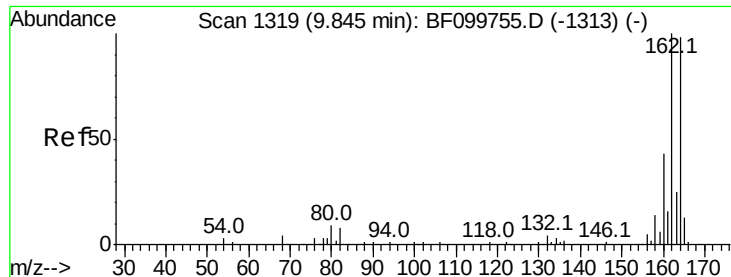
Tot Ion:	136	Resp:	418605
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.0	6.6	9.8#
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 87.364 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Tgt Ion:	82	Resp:	568047
Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.1	54.1
54	43.2	41.4	62.2

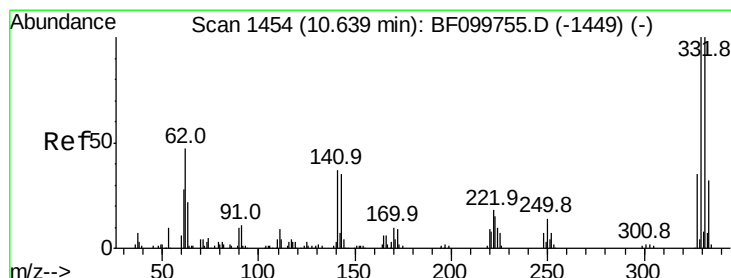
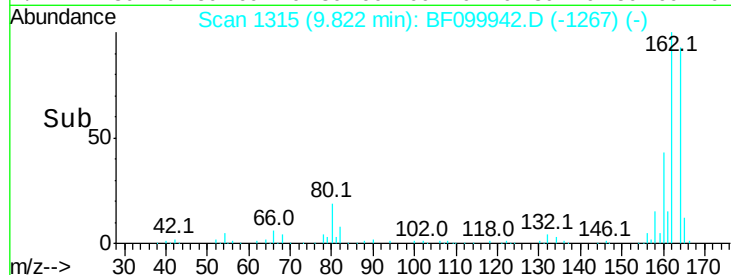
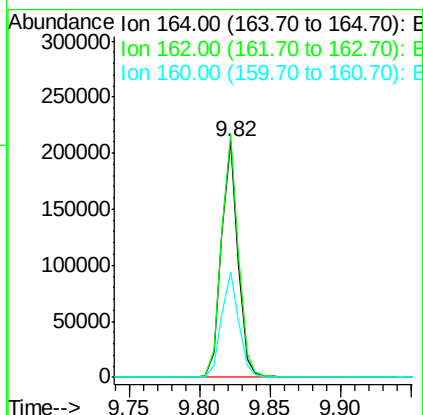
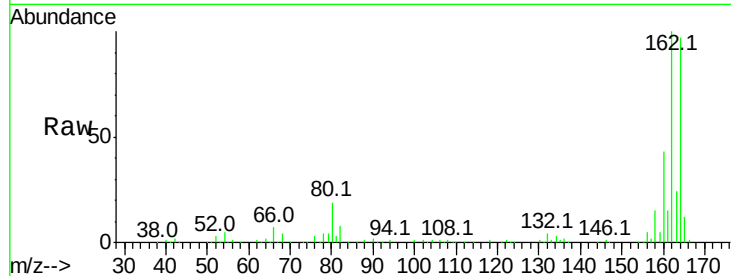




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

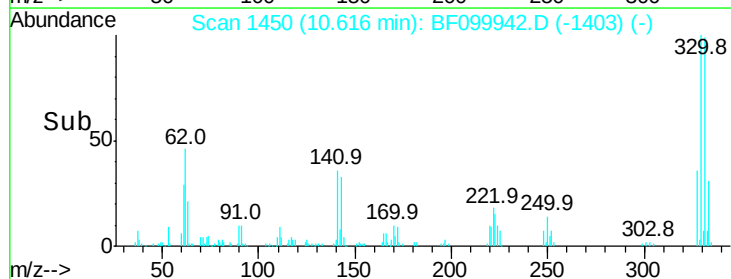
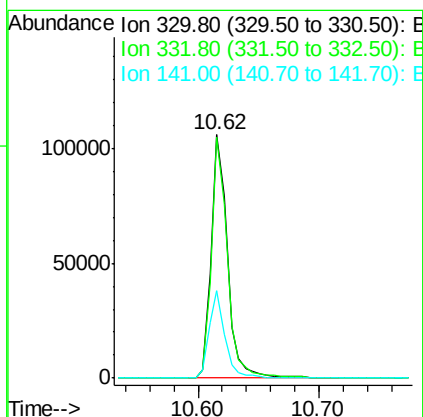
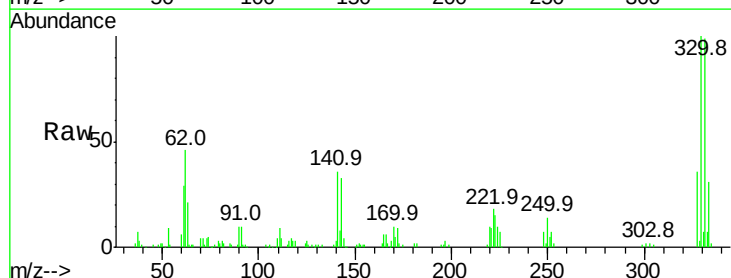
Instrument :
BNA_F
ClientSampleId :
101817-TIDO-F-D-B

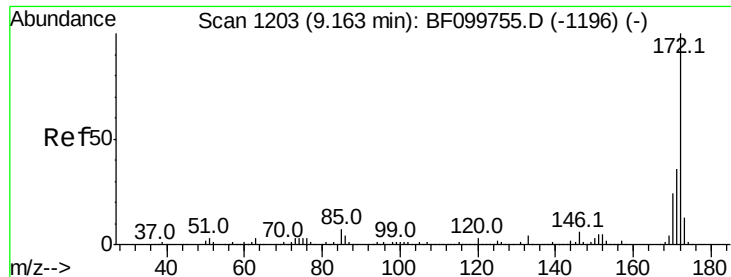
Tot Ion:164 Resp: 172507
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 44.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 62.806 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Tgt Ion:330 Resp: 98737
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 34.9 29.9 44.9

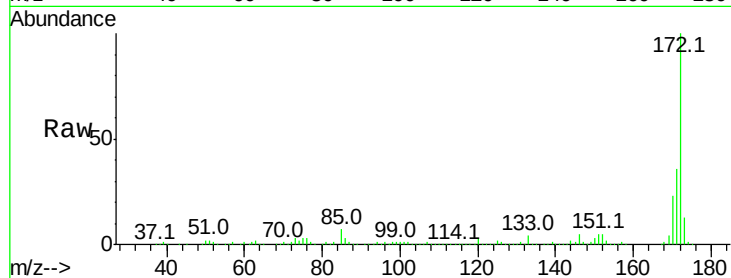




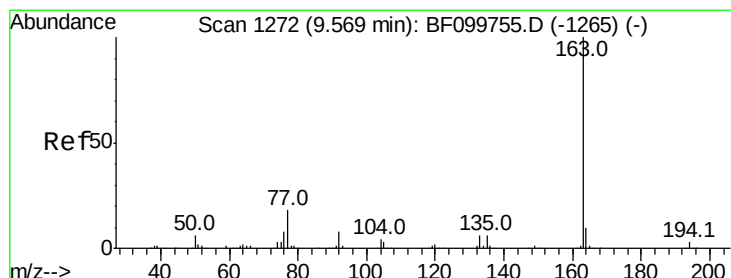
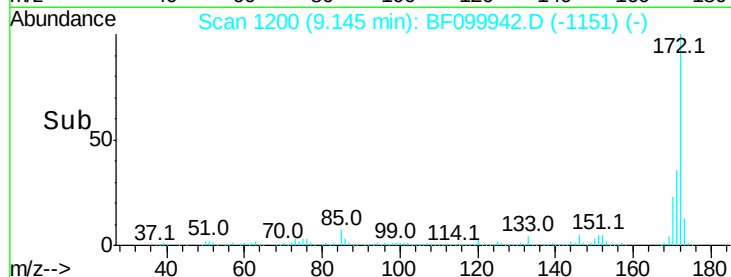
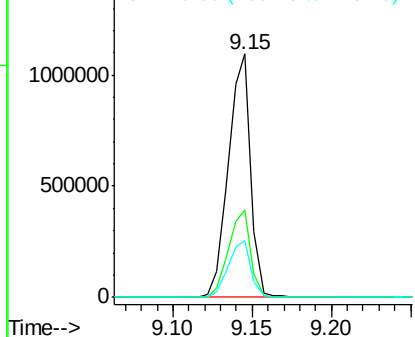
#44
2-Fluorobiphenyl
Concen: 94.708 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Instrument :
BNA_F
ClientSampleId :
101817-TIDO-F-D-B

Tot Ion:172 Resp: 1058940
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.4 19.6 29.4

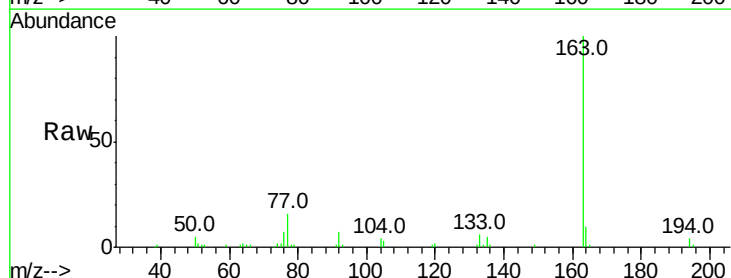


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

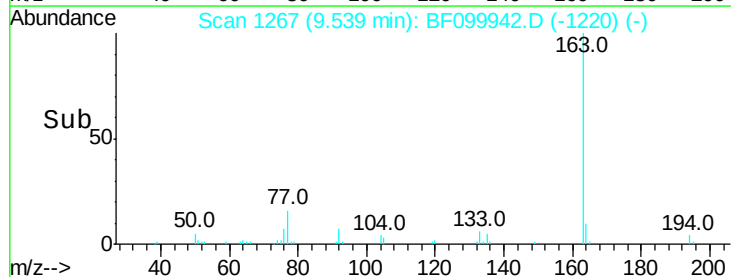
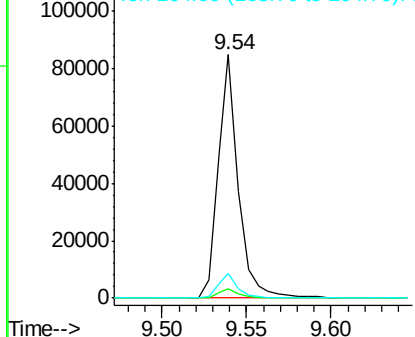


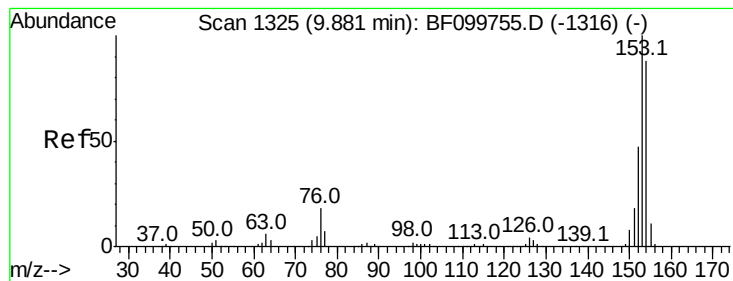
#49
Dimethylphthalate
Concen: 5.148 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Tgt Ion:163 Resp: 70322
Ion Ratio Lower Upper
163 100
194 3.8 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





#51

Acenaphthene

Concen: 2.869 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF099942.D

Acq: 29 Oct 2017 4:40

Instrument :

BNA_F

ClientSampleId :

101817-TIDO-F-D-B

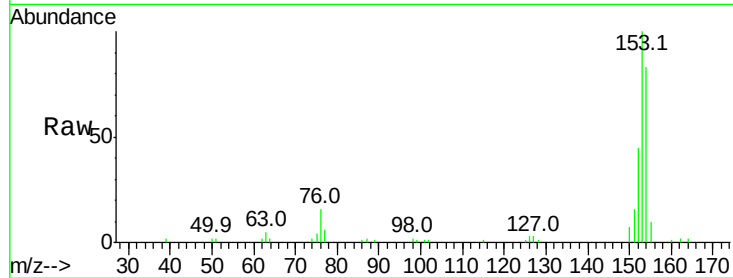
Tot Ion:154 Resp: 30597

Ion Ratio Lower Upper

154 100

153 120.2 91.2 136.8

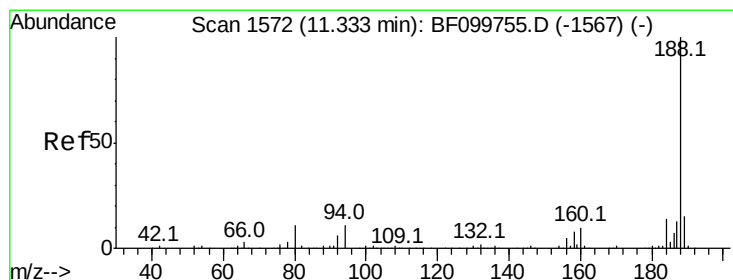
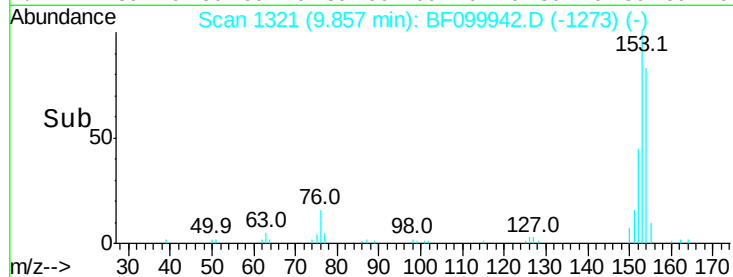
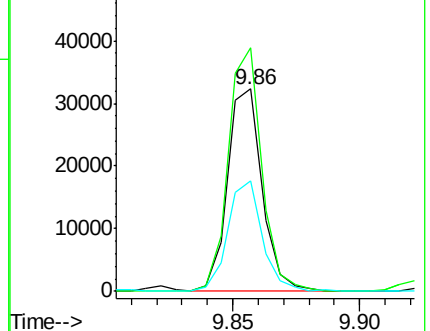
152 54.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.02 min

Lab File: BF099942.D

Acq: 29 Oct 2017 4:40

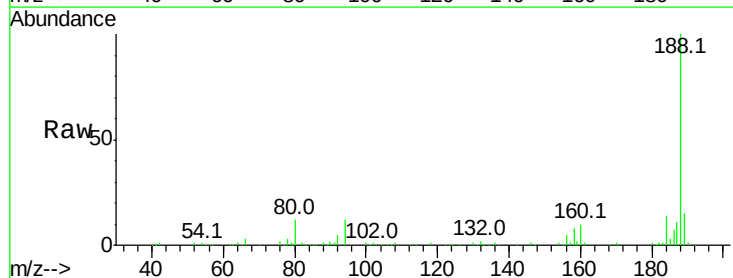
Tgt Ion:188 Resp: 244275

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

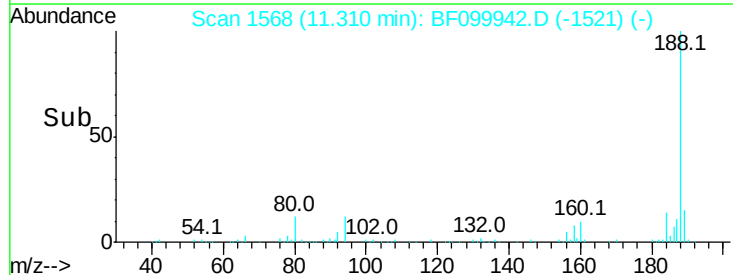
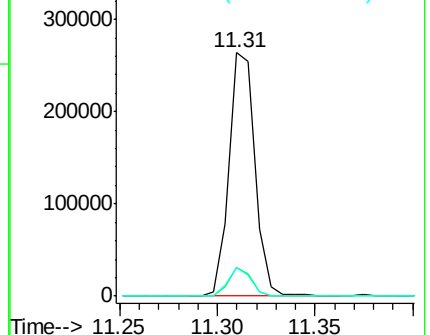
80 11.9 9.2 13.8

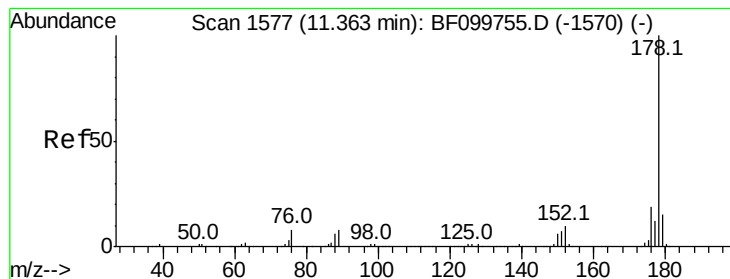


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 5.137 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.02 min

Lab File: BF099942.D

Acq: 29 Oct 2017 4:40

Instrument :

BNA_F

ClientSampleId :

101817-TIDO-F-D-B

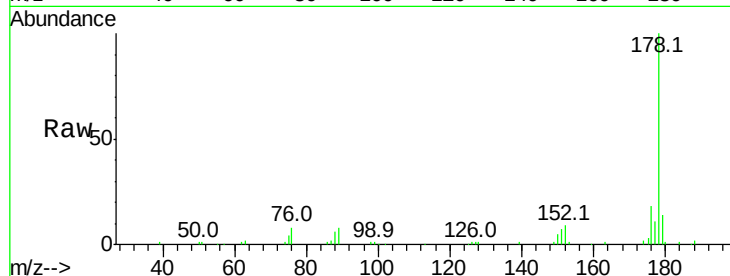
Tot Ion:178 Resp: 70812

Ion Ratio Lower Upper

178 100

176 18.5 15.8 23.8

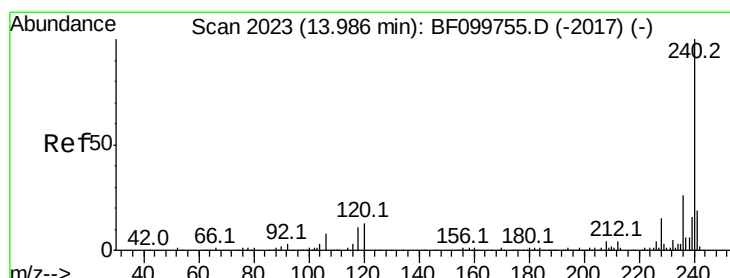
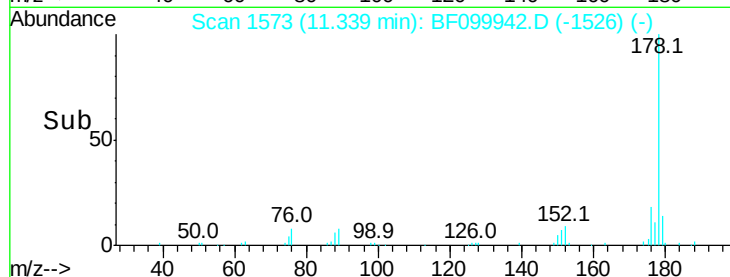
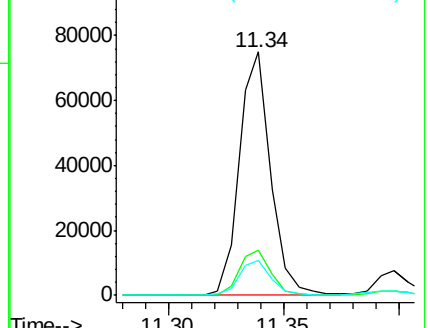
179 14.3 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF099942.D

Acq: 29 Oct 2017 4:40

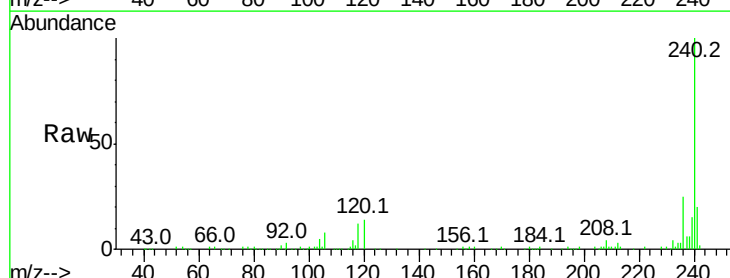
Tgt Ion:240 Resp: 182719

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

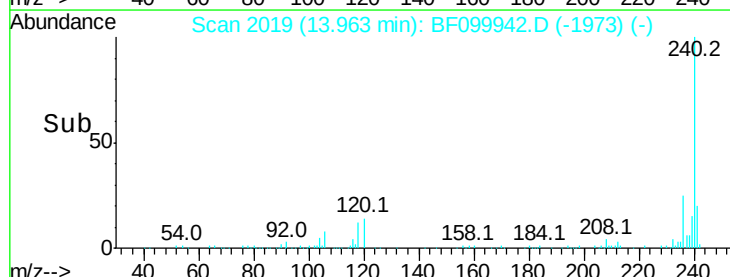
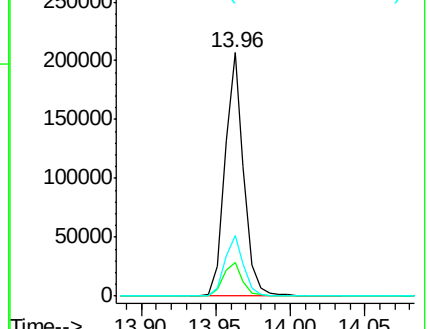
236 24.9 20.7 31.1

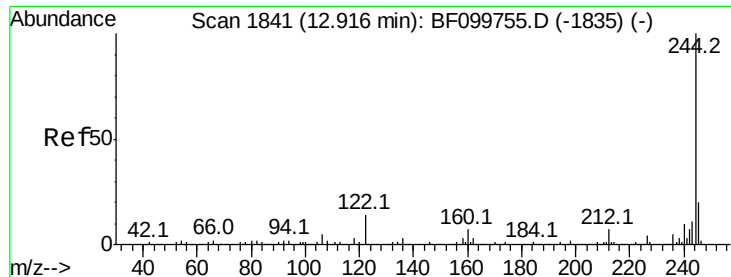


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.404 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099942.D

Acq: 29 Oct 2017 4:40

Instrument :

BNA_F

ClientSampleId :

101817-TIDO-F-D-B

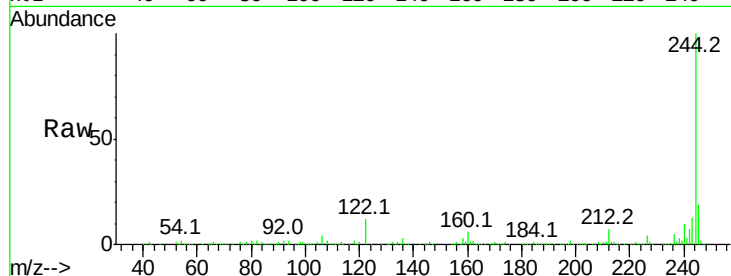
Tot Ion:244 Resp: 688979

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

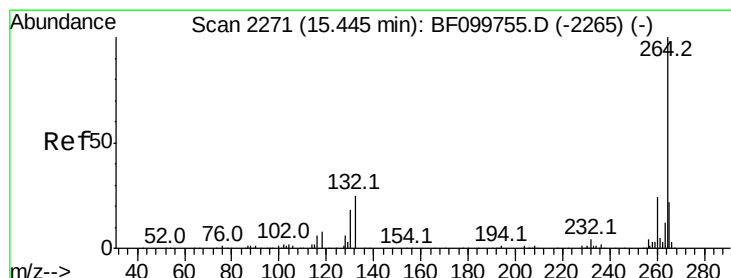
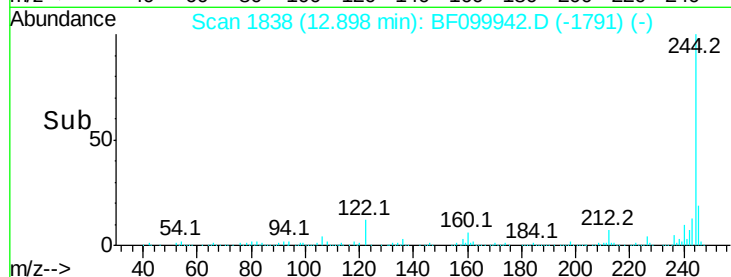
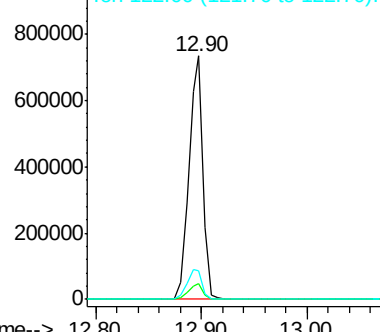
122 11.8 11.0 16.4



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: 15.42 min Scan# 2267

Delta R.T. -0.04 min

Lab File: BF099942.D

Acq: 29 Oct 2017 4:40

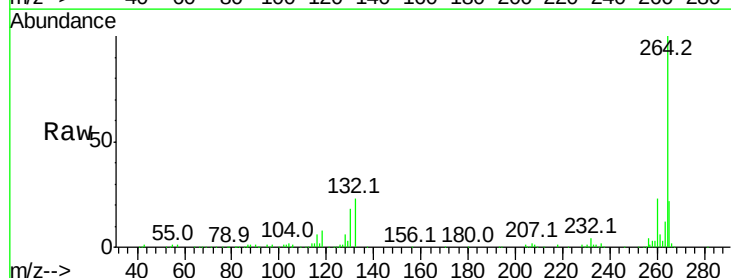
Tgt Ion:264 Resp: 176595

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.5 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

