

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099767.D
 Acq On : 23 Oct 2017 19:03
 Operator : SJ/JU
 Sample : I5950-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170722-C-A-COMP1

Quant Time: Oct 23 23:47:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:08:33 2017
 Response via : Initial Calibration

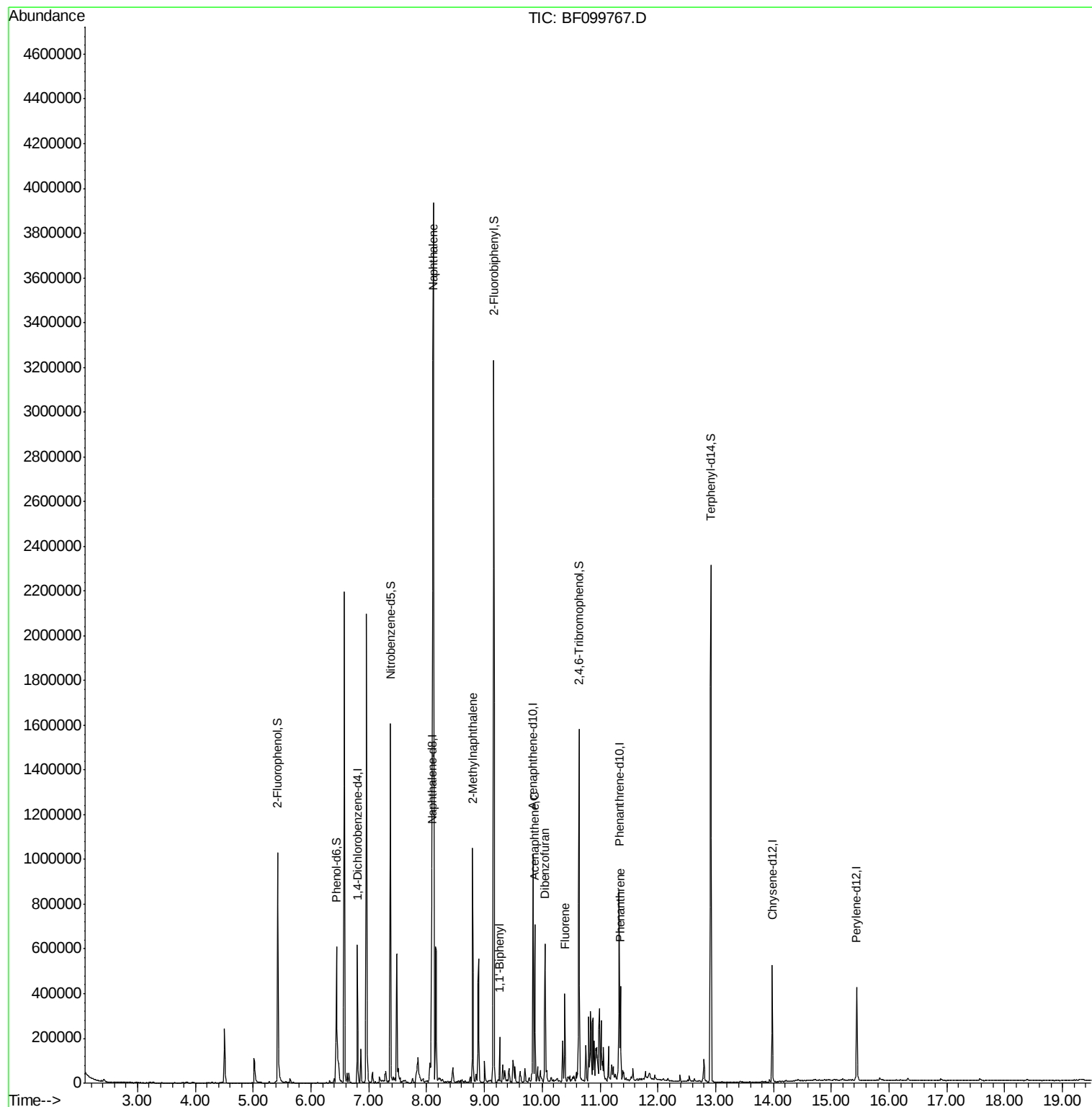
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	99564	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	412144	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	194096	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	308433	20.00	ng	0.00
75) Chrysene-d12	13.97	240	171739	20.00	ng	-0.01
86) Perylene-d12	15.44	264	189746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	359023	56.61	ng	0.00
7) Phenol-d6	6.44	99	258419	34.37	ng	-0.01
23) Nitrobenzene-d5	7.37	82	554663	86.64	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	202107	114.26	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1109362	88.18	ng	0.00
78) Terphenyl-d14	12.92	244	765299	97.38	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.12	128	2427784	122.033	ng	99
37) 2-Methylnaphthalene	8.80	142	259595	19.471	ng	97
45) 1,1'-Biphenyl	9.26	154	61532	3.504	ng	96
51) Acenaphthene	9.87	154	142956	11.912	ng	98
54) Dibenzofuran	10.05	168	191842	11.325	ng	98
57) Fluorene	10.39	166	107909	7.694	ng	100
70) Phenanthrene	11.36	178	163416	9.388	ng	97

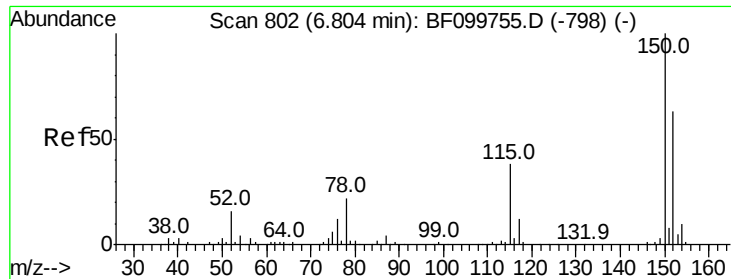
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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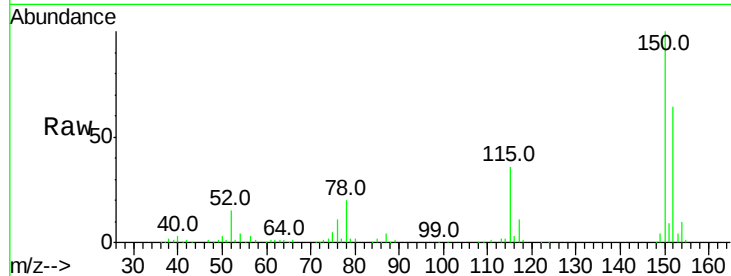


#1

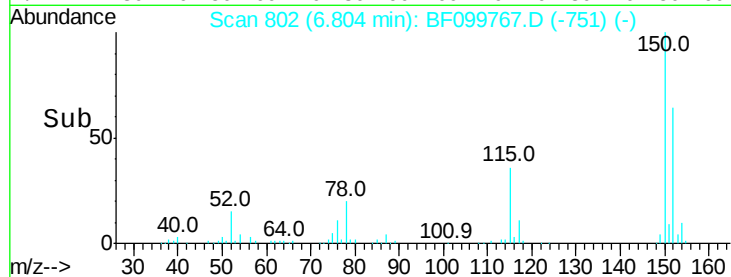
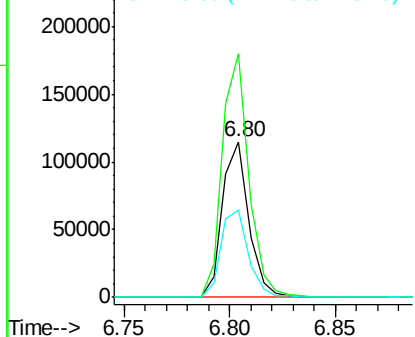
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tot Ion:152 Resp: 99564
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 56.4 50.1 75.1



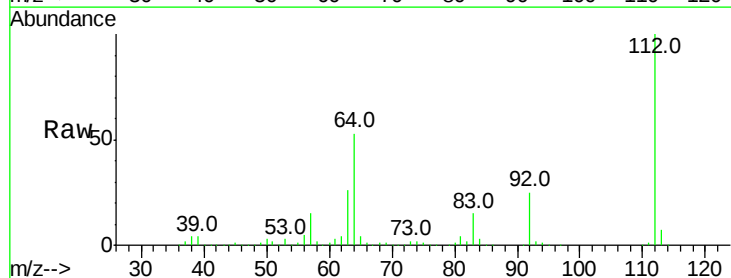
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



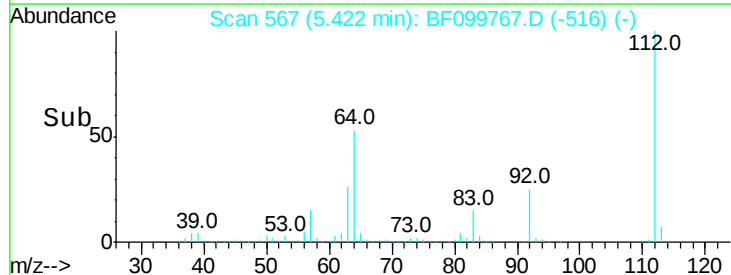
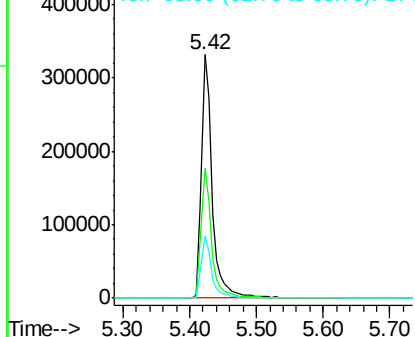
#5

2-Fluorophenol
Concen: 56.612 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion:112 Resp: 359023
Ion Ratio Lower Upper
112 100
64 53.1 47.9 71.9
63 25.6 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: 34.366 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF099767.D

Acq: 23 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

20170722-C-A-COMP1

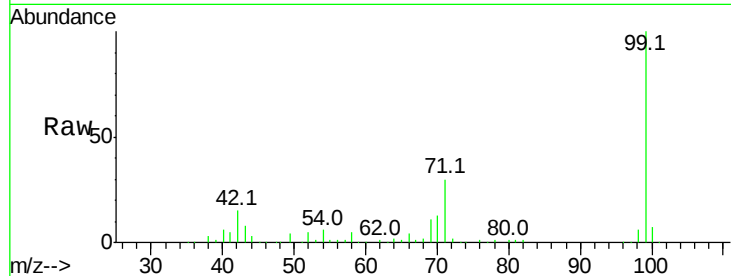
Tot Ion: 99 Resp: 258419

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

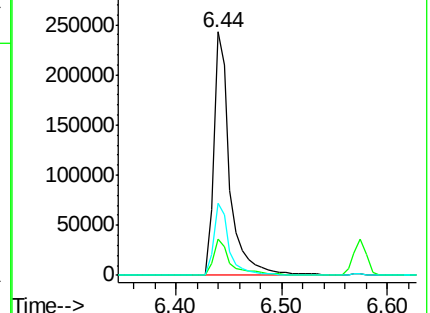
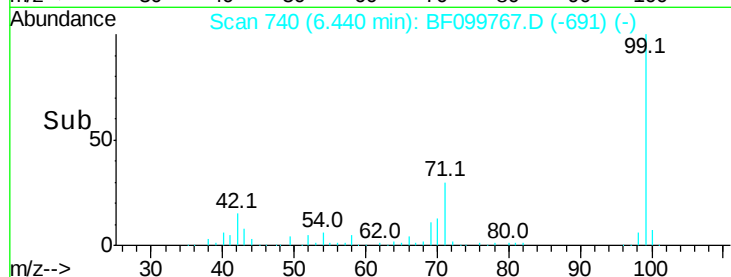
71 29.6 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099767.D

Acq: 23 Oct 2017 19:03

Tgt Ion: 136 Resp: 412144

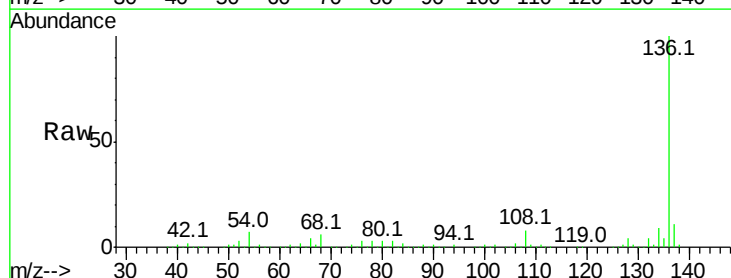
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.9 6.6 9.8

68 5.7 5.0 7.4

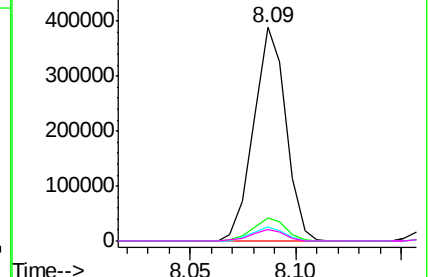
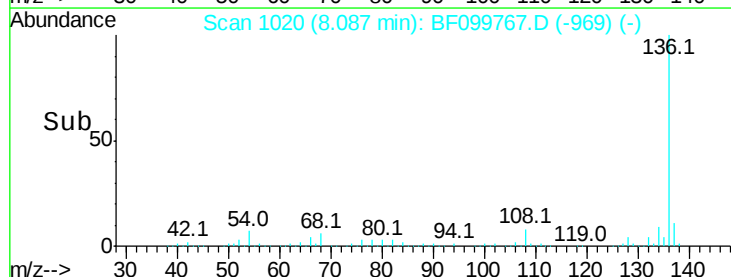


Abundance Ion 136.00 (135.70 to 136.70): E

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

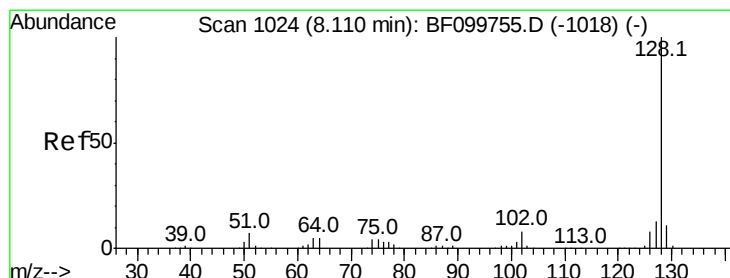
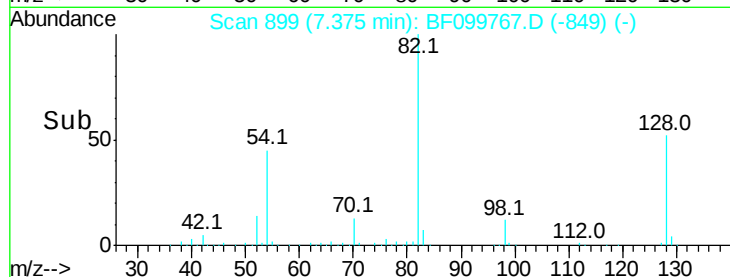
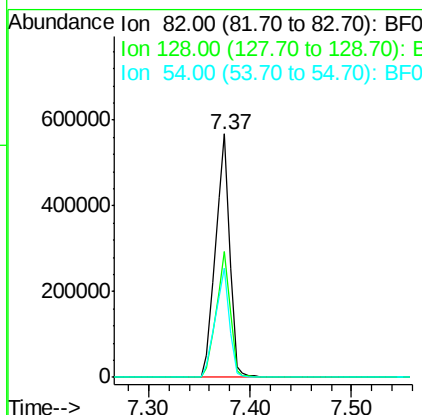
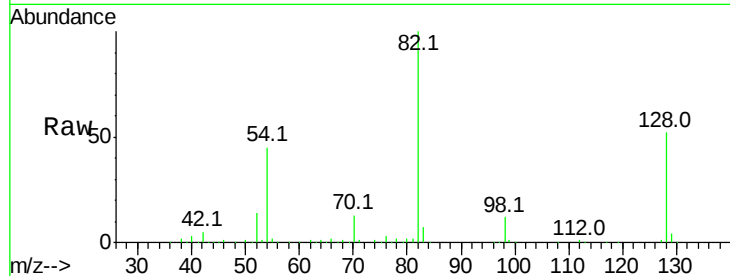




#23
 Nitrobenzene-d5
 Concen: 86.643 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099767.D
 Acq: 23 Oct 2017 19:03

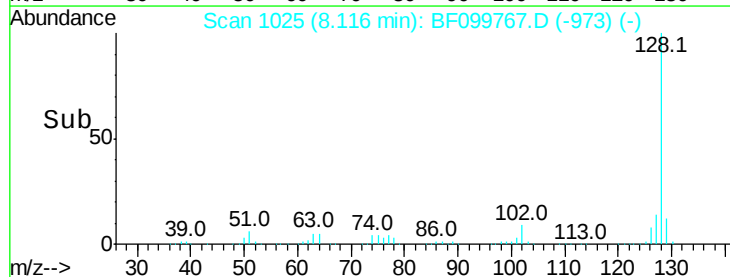
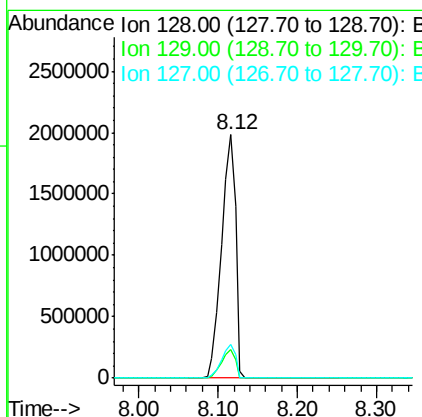
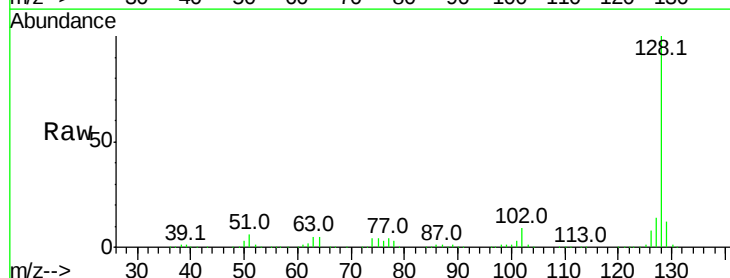
Instrument :
 BNA_F
 ClientSampleId :
 20170722-C-A-COMP1

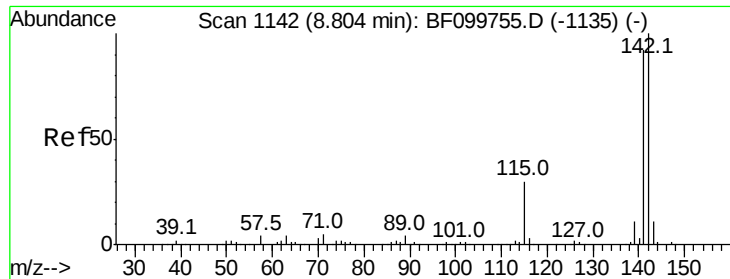
Tot Ion: 82 Resp: 554663
 Ion Ratio Lower Upper
 82 100
 128 51.6 36.1 54.1
 54 44.7 41.4 62.2



#31
 Naphthalene
 Concen: 122.033 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BF099767.D
 Acq: 23 Oct 2017 19:03

Tgt Ion:128 Resp: 2427784
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.8 13.2
 127 14.0 10.9 16.3

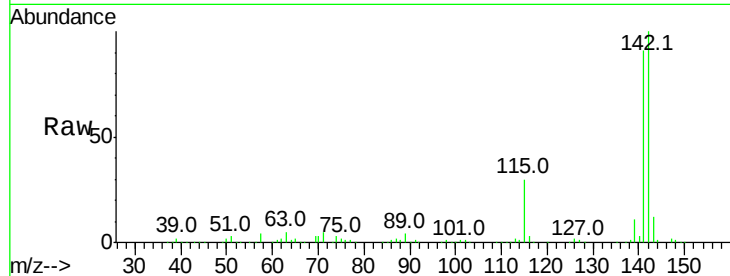




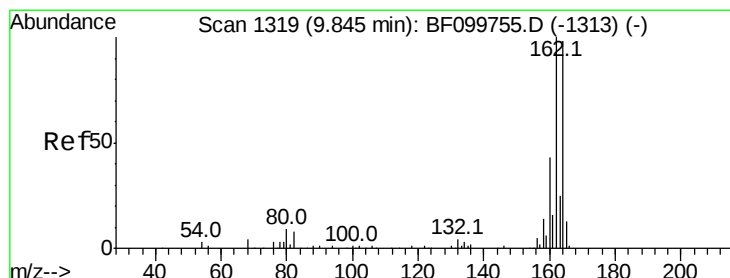
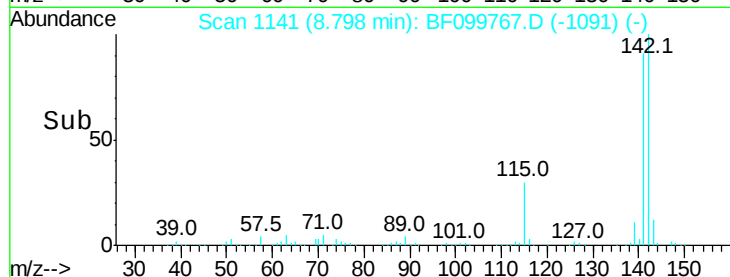
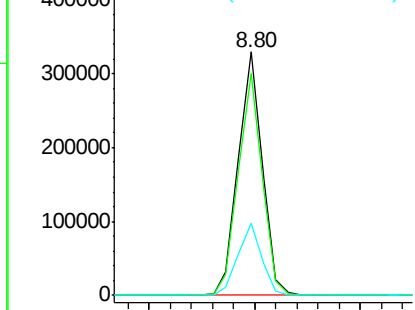
#37
2-Methylnaphthalene
Concen: 19.471 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.8	106.2
115	29.8	26.1	39.1

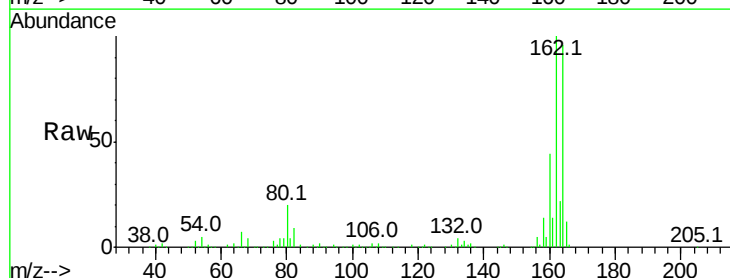


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

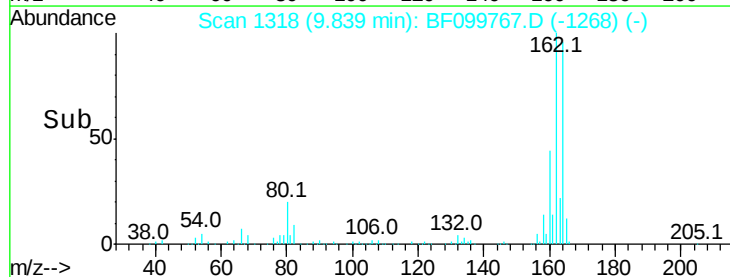
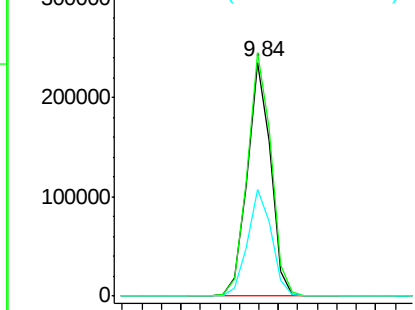


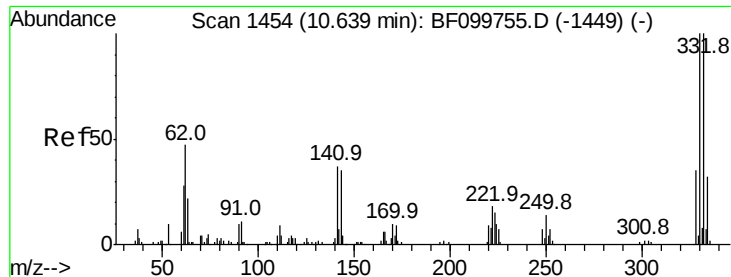
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.7	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

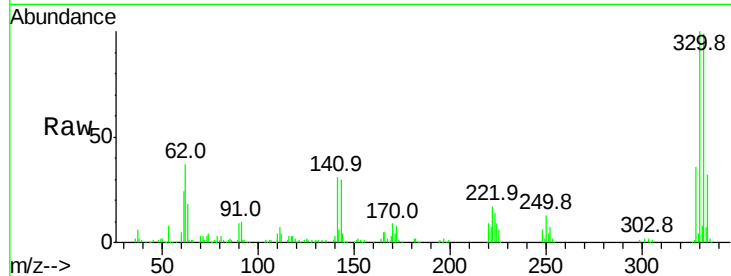




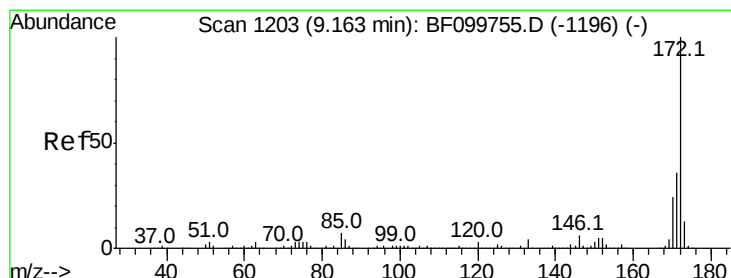
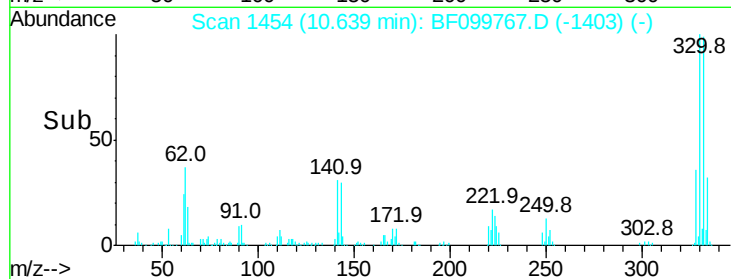
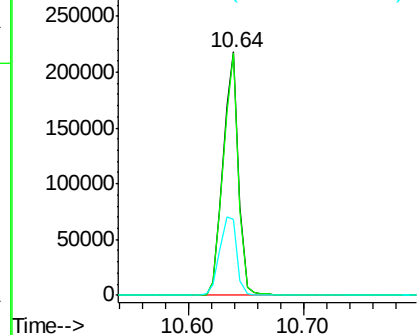
#41
 2,4,6-Tribromophenol
 Concen: 114.260 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099767.D
 Acq: 23 Oct 2017 19:03

Instrument :
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 20170722-C-A-COMP1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	36.1	29.9	44.9

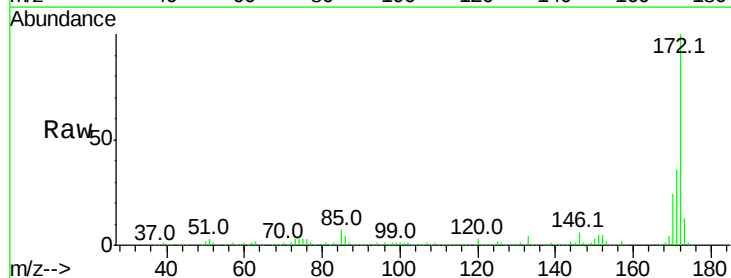


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

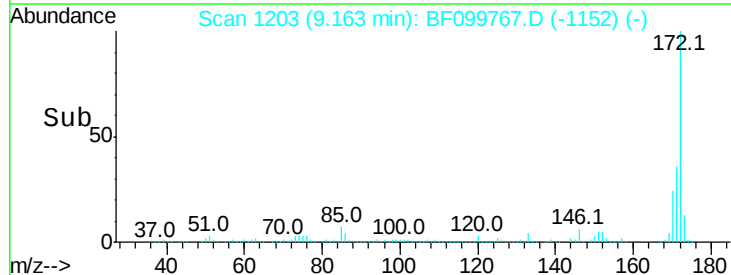
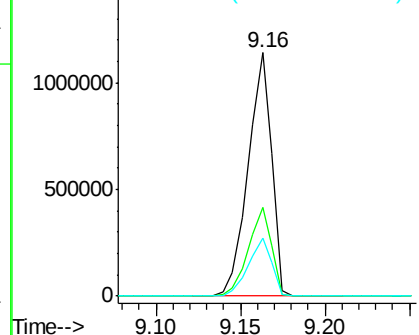


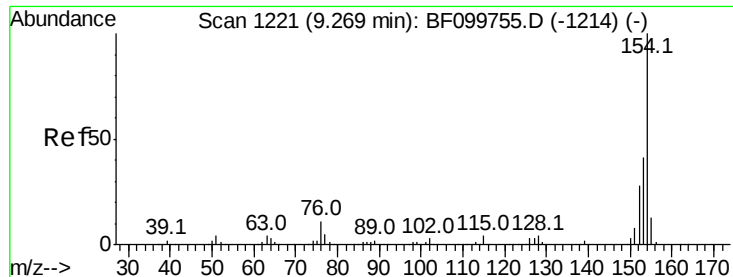
#44
 2-Fluorobiphenyl
 Concen: 88.181 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099767.D
 Acq: 23 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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

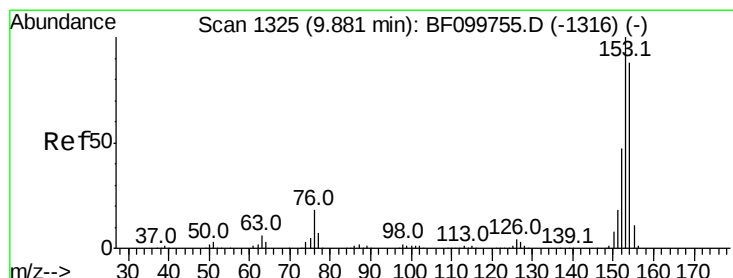
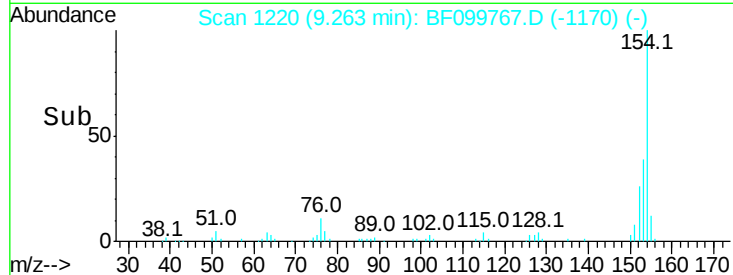
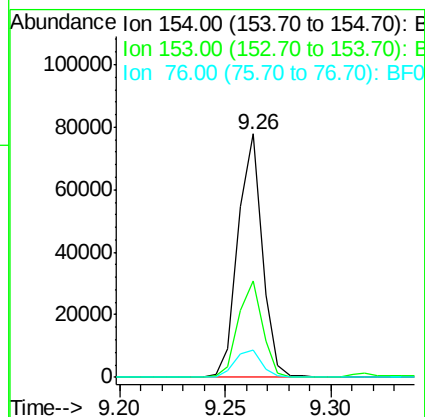
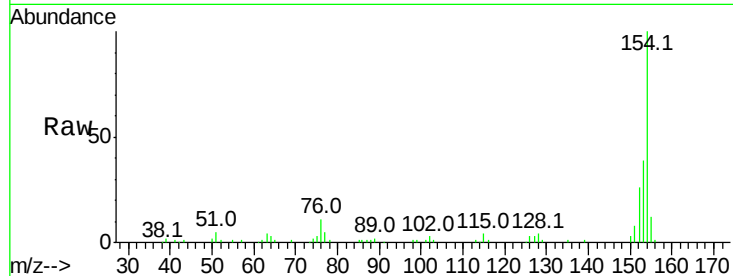




#45
1,1'-Biphenyl
Concen: 3.504 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

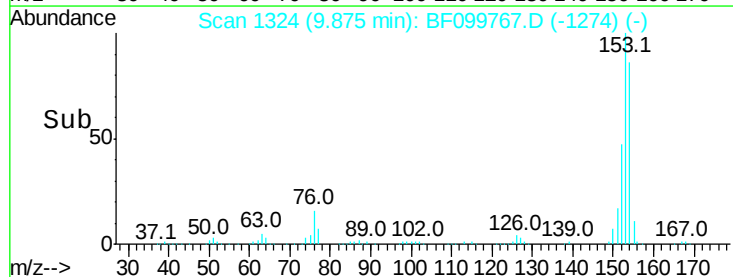
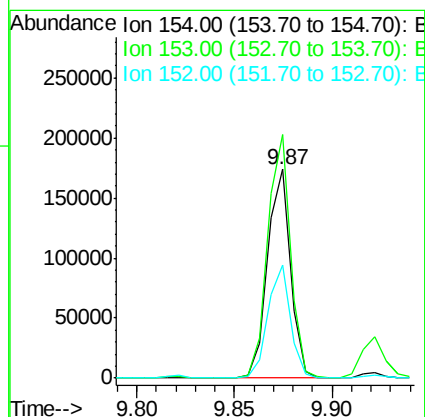
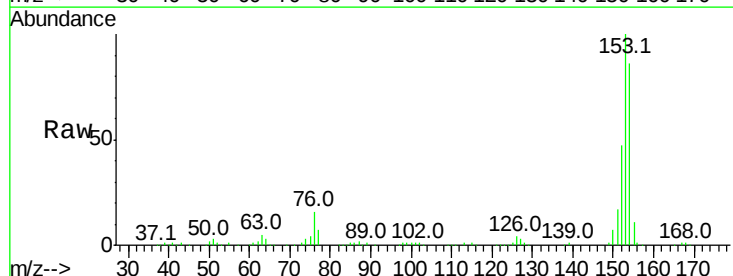
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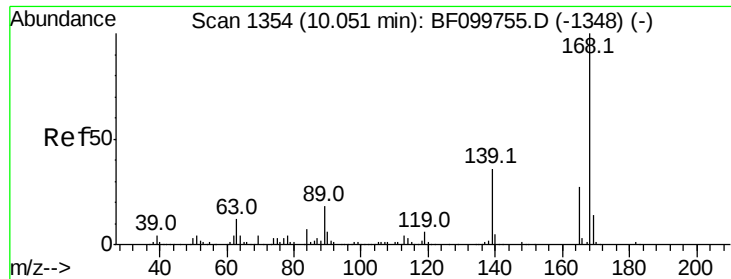
Tot Ion:154 Resp: 61532
Ion Ratio Lower Upper
154 100
153 39.5 21.3 61.3
76 11.0 0.0 34.0



#51
Acenaphthene
Concen: 11.912 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion:154 Resp: 142956
Ion Ratio Lower Upper
154 100
153 116.8 91.2 136.8
152 54.5 43.8 65.8





#54

Dibenzofuran

Concen: 11.325 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF099767.D

Acq: 23 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

20170722-C-A-COMP1

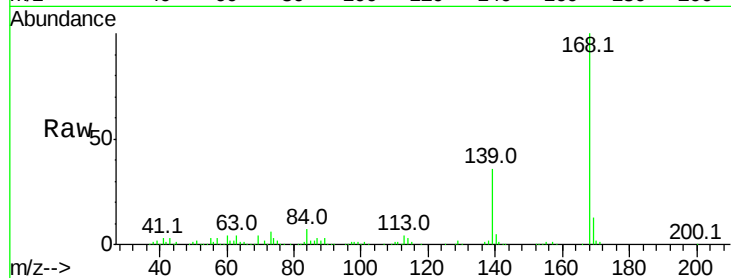
Tot Ion:168 Resp: 191842

Ion Ratio Lower Upper

168 100

139 36.0 30.1 45.1

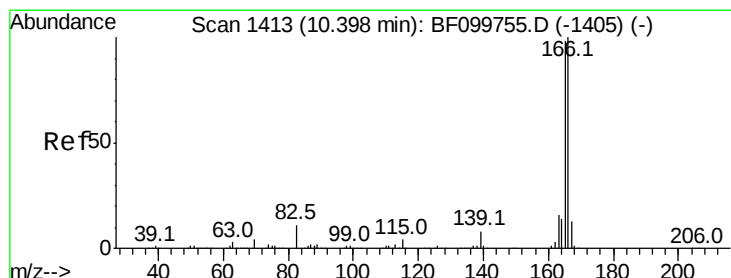
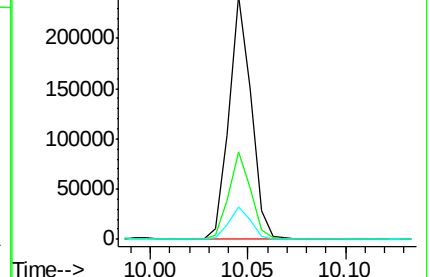
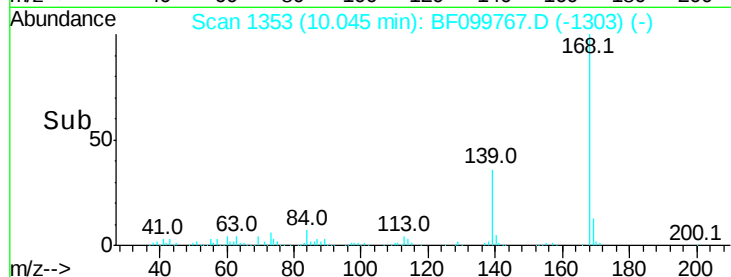
169 13.1 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 7.694 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF099767.D

Acq: 23 Oct 2017 19:03

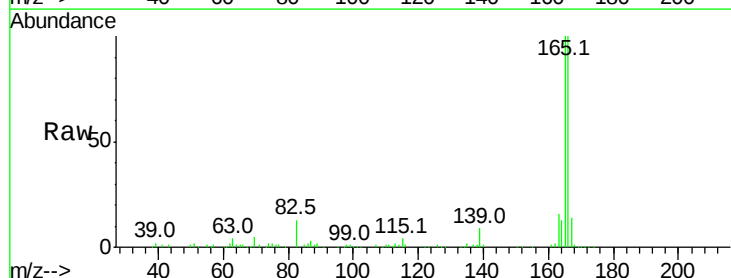
Tgt Ion:166 Resp: 107909

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

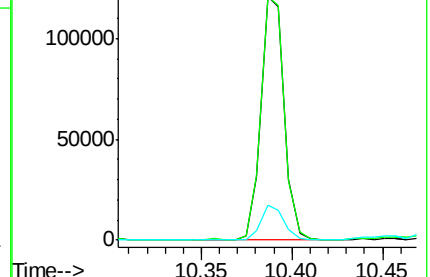
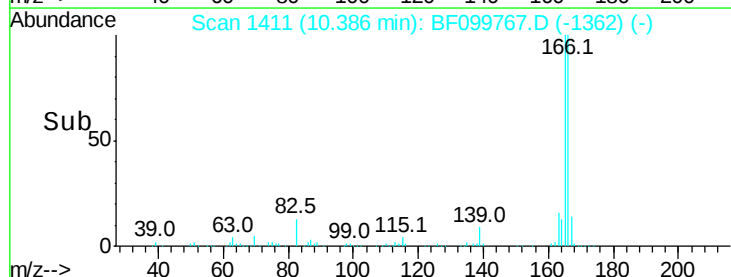
167 14.4 10.6 16.0

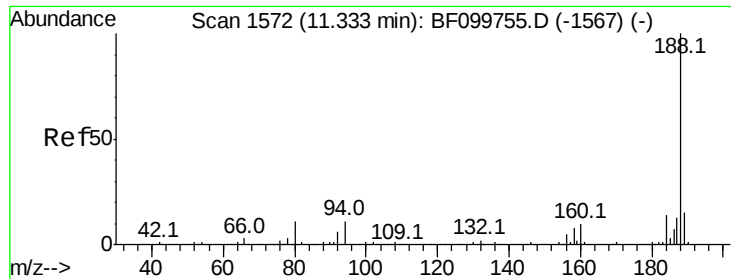


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

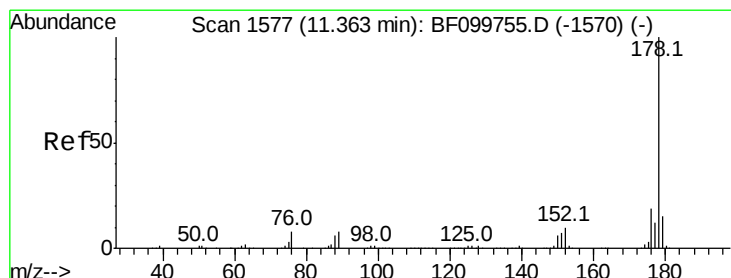
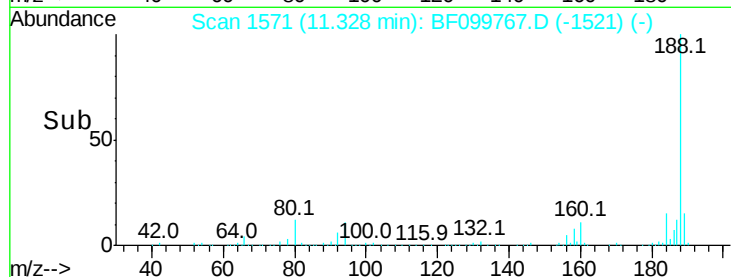
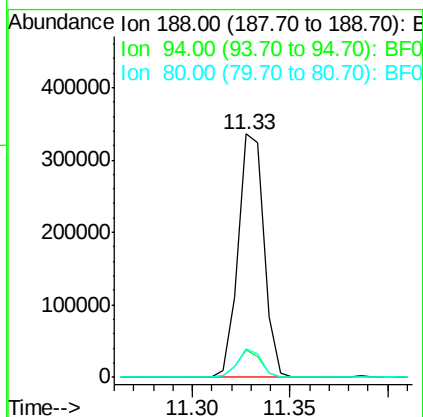
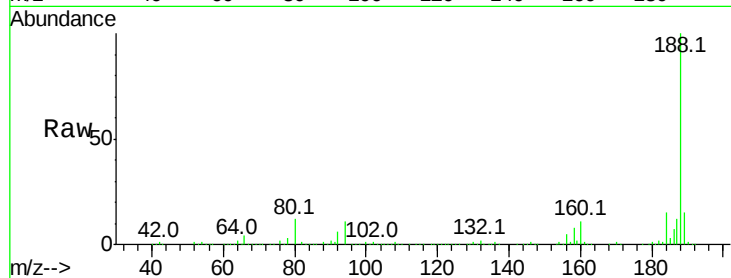




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

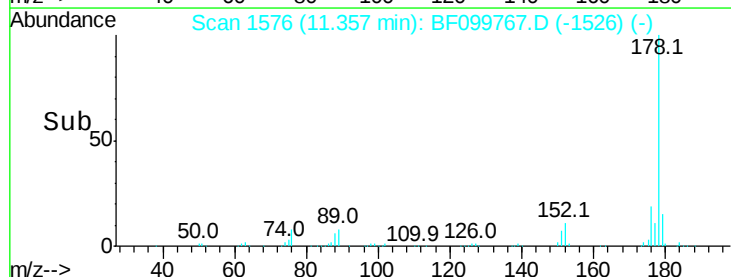
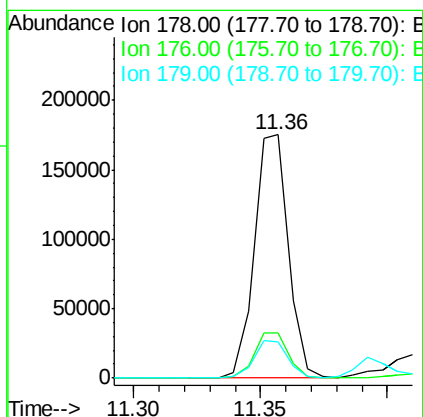
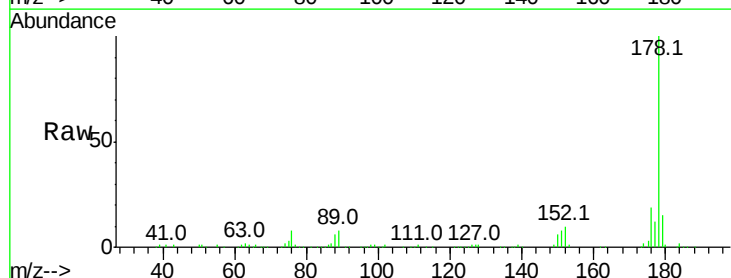
Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tot Ion:188 Resp: 308433
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.6 9.2 13.8



#70
Phenanthrene
Concen: 9.388 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF099767.D
Acq: 23 Oct 2017 19:03

Tgt Ion:178 Resp: 163416
Ion Ratio Lower Upper
178 100
176 18.6 15.8 23.8
179 14.9 13.0 19.6





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF099767.D

Acq: 23 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

20170722-C-A-COMP1

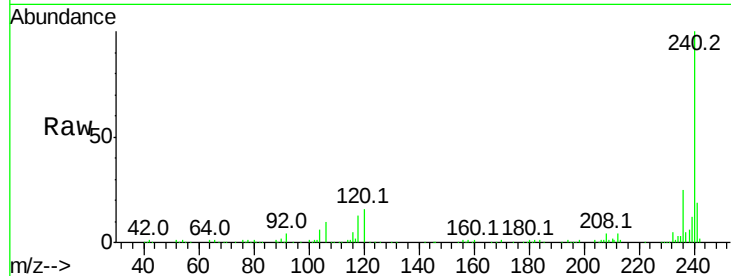
Tot Ion:240 Resp: 171739

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

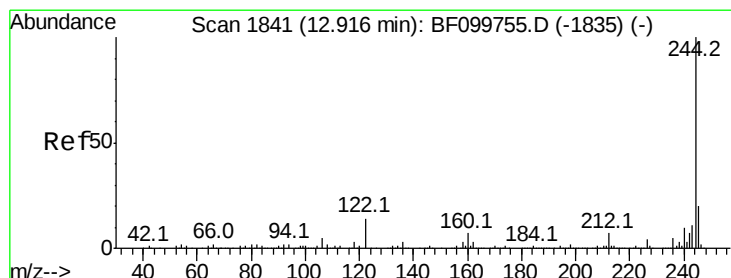
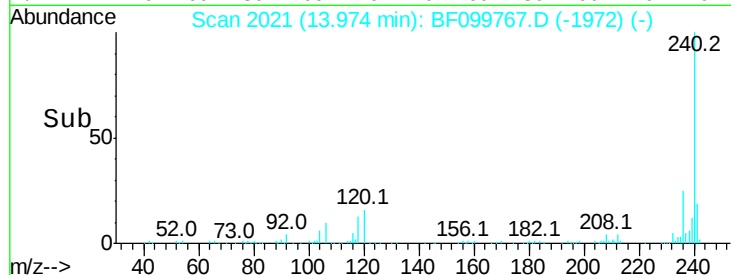
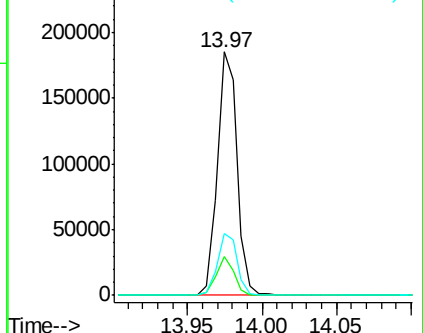
236 25.4 20.7 31.1



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: 97.384 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF099767.D

Acq: 23 Oct 2017 19:03

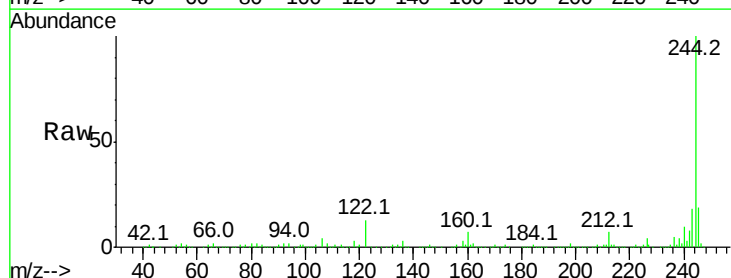
Tgt Ion:244 Resp: 765299

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

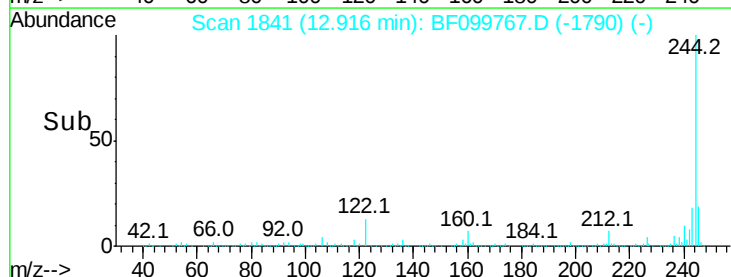
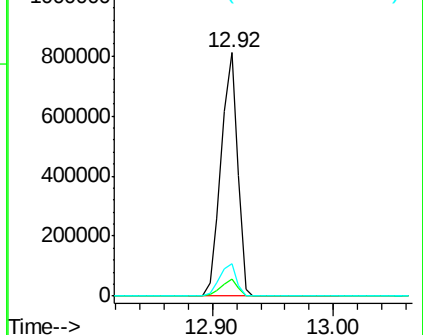
122 13.1 11.0 16.4

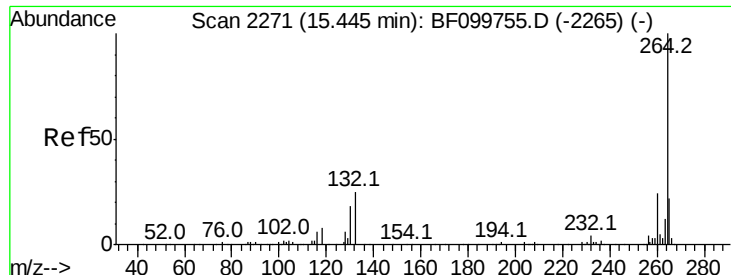


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

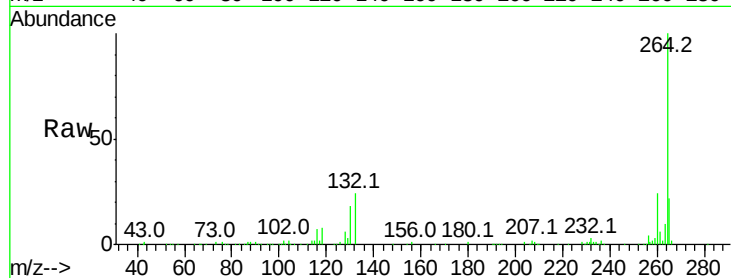




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF099767.D
 Acq: 23 Oct 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 20170722-C-A-COMP1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	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

