

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099769.D
 Acq On : 23 Oct 2017 19:58
 Operator : SJ/JU
 Sample : I5950-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170724-C-A-COMP3

Quant Time: Oct 23 23:59:04 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

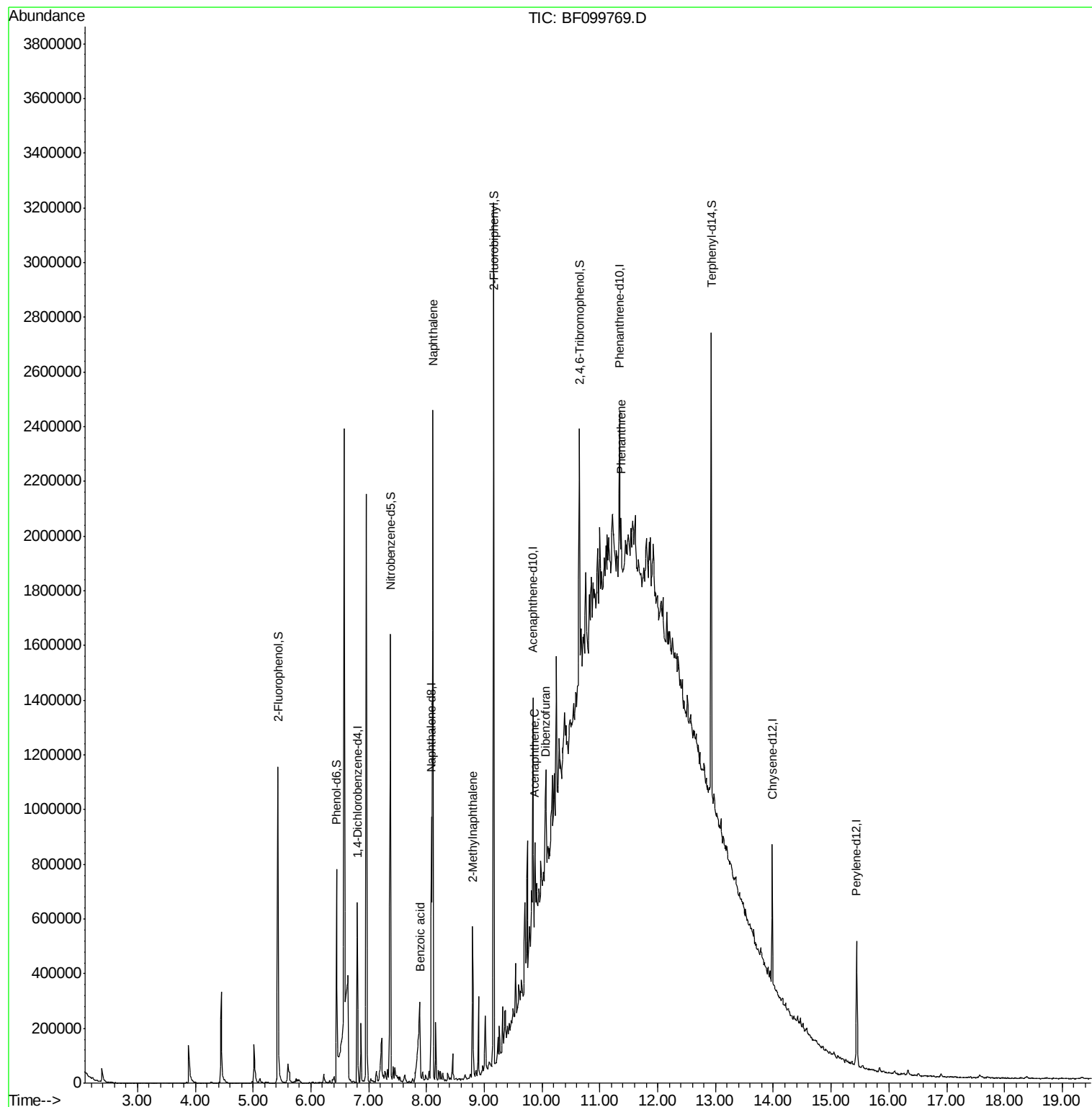
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	103875	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	432433	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	190758	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	250923	20.00	ng	0.01
75) Chrysene-d12	13.98	240	176773	20.00	ng	0.00
86) Perylene-d12	15.44	264	191021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	419242	63.36	ng	0.00
7) Phenol-d6	6.45	99	319802	40.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	609173	90.69	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	197380	113.54	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1187320	96.03	ng	0.00
78) Terphenyl-d14	12.93	244	723258	89.41	ng	0.01
Target Compounds						
31) Naphthalene	8.11	128	1147040	54.951	ng	Qvalue 100
32) Benzoic acid	7.89	122	12795	2.545	ng	# 81
37) 2-Methylnaphthalene	8.80	142	137991	9.865	ng	98
51) Acenaphthene	9.87	154	40911	3.469	ng	100
54) Dibenzofuran	10.05	168	85043	5.108	ng	99
70) Phenanthrene	11.37	178	76472	5.400	ng	# 88

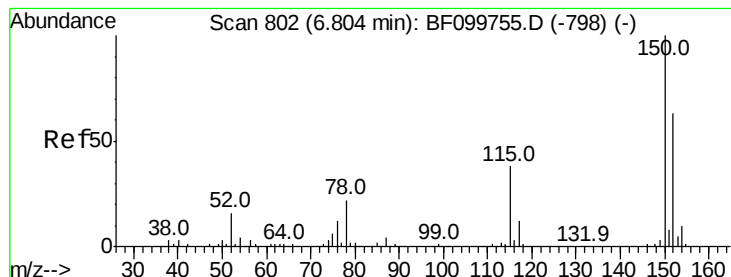
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099769.D
Acq On : 23 Oct 2017 19:58
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Quant Time: Oct 23 23:59:04 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



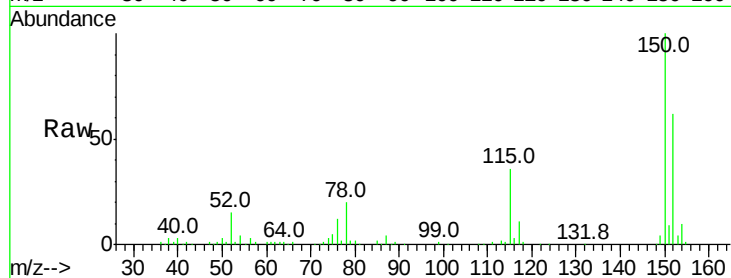


#1

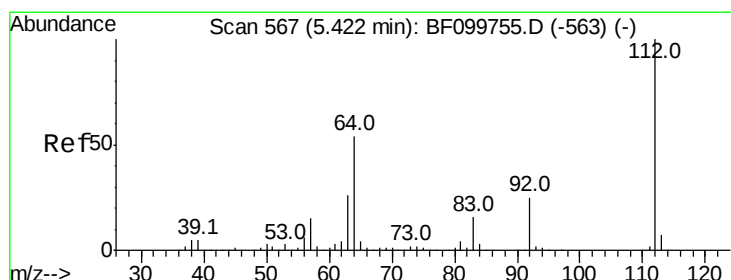
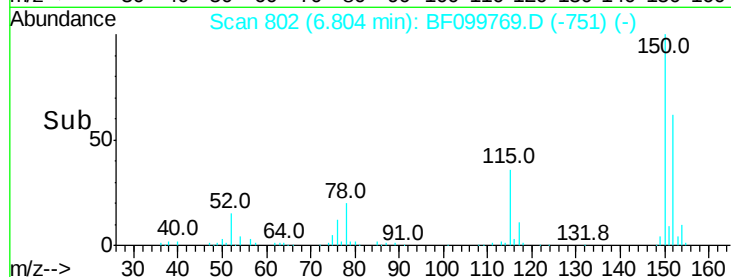
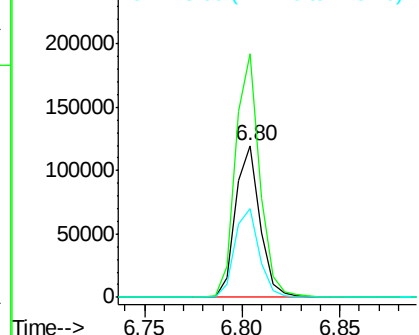
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tot Ion:152 Resp: 103875
Ion Ratio Lower Upper
152 100
150 160.7 124.6 186.8
115 58.4 50.1 75.1



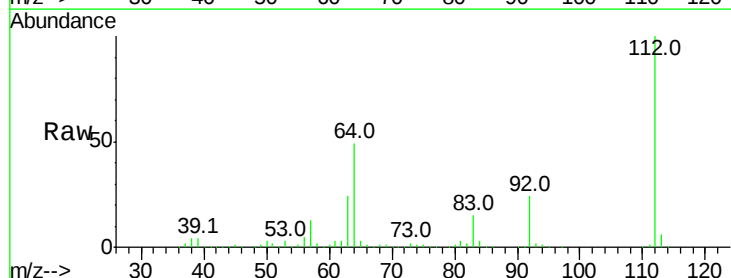
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



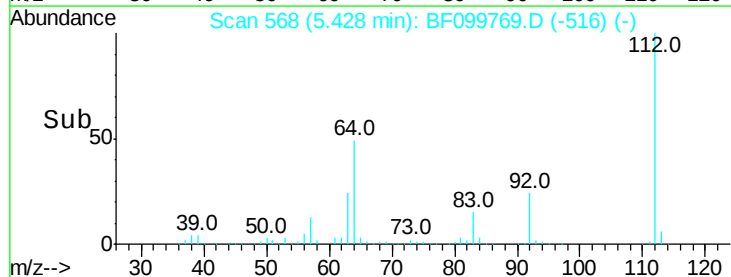
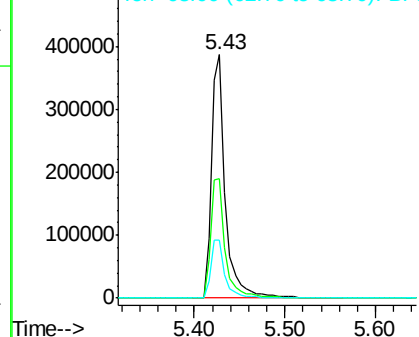
#5

2-Fluorophenol
Concen: 63.364 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion:112 Resp: 419242
Ion Ratio Lower Upper
112 100
64 49.3 47.9 71.9
63 23.8 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: 40.764 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

Instrument :

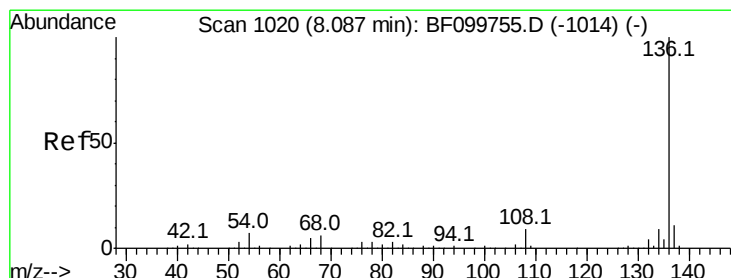
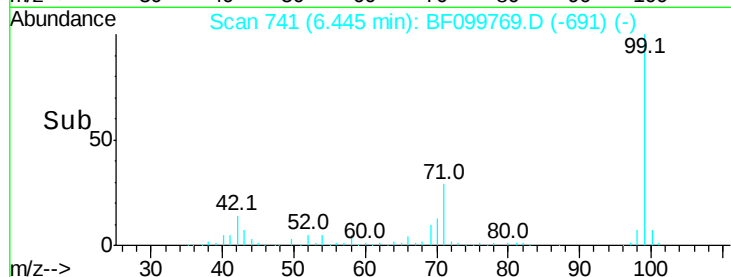
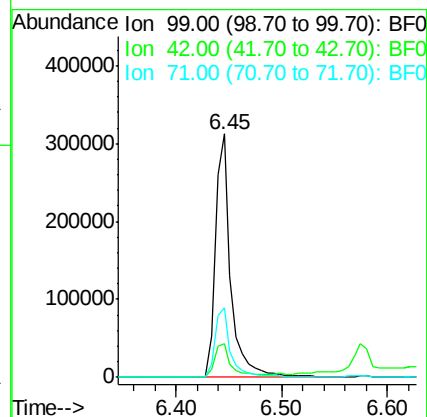
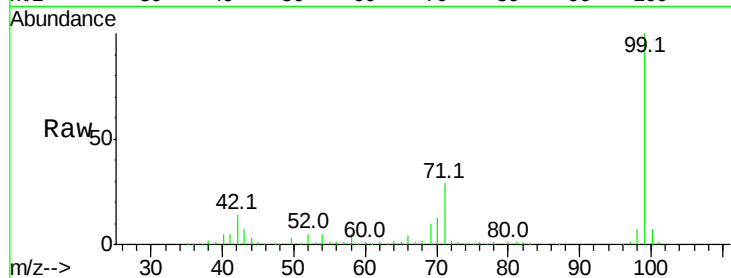
BNA_F

ClientSampleId :

20170724-C-A-COMP3

Tot Ion: 99 Resp: 319802

Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.5	21.7#
71	28.7	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

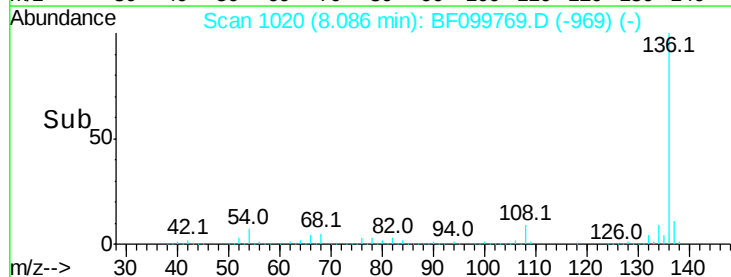
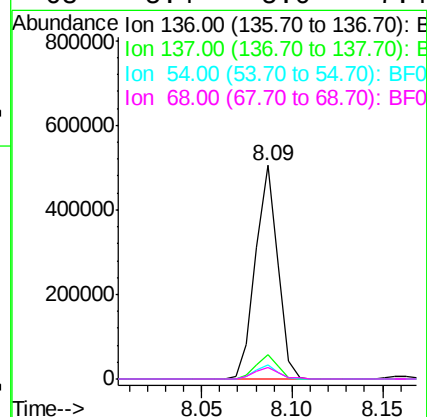
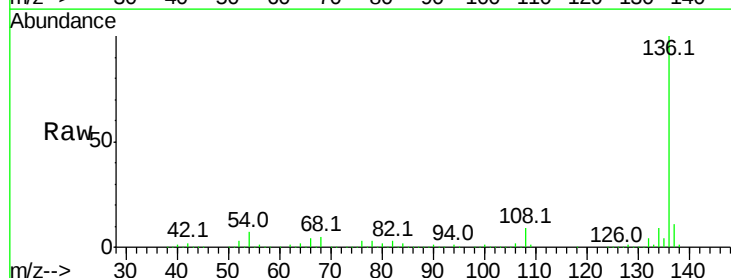
Delta R.T. -0.00 min

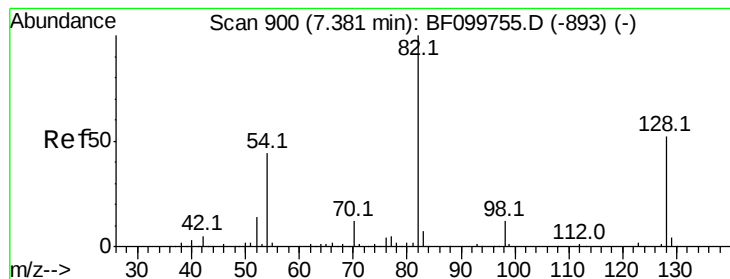
Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

Tgt Ion: 136 Resp: 432433

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.5	6.6	9.8#
68	5.4	5.0	7.4





#23

Nitrobenzene-d5

Concen: 90.693 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

Instrument :

BNA_F

ClientSampleId :

20170724-C-A-COMP3

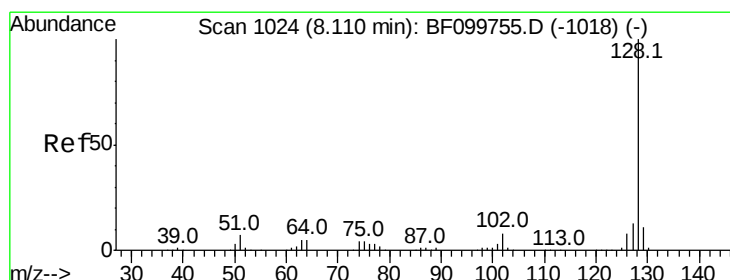
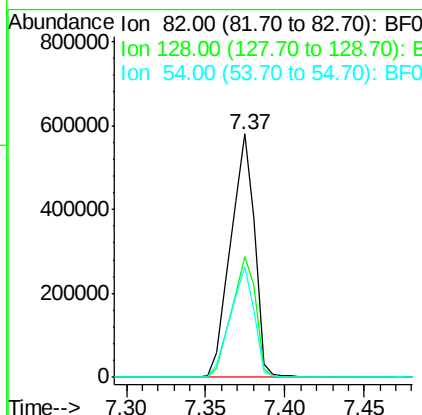
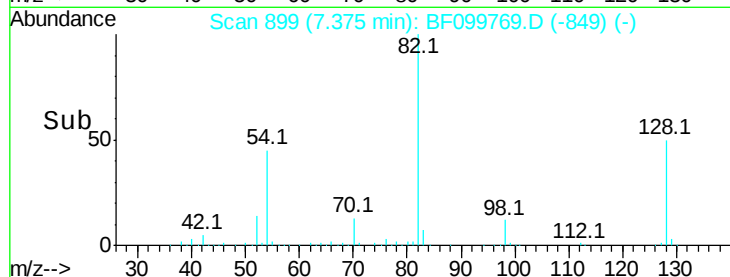
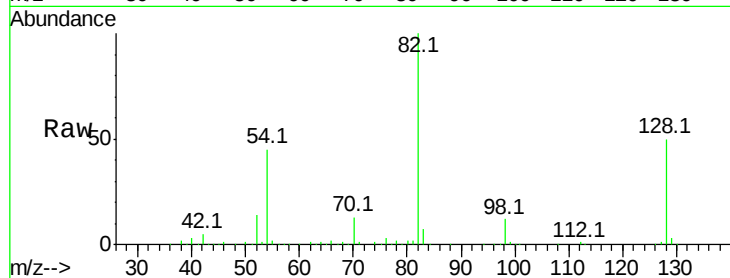
Tot Ion: 82 Resp: 609173

Ion Ratio Lower Upper

82 100

128 49.7 36.1 54.1

54 45.2 41.4 62.2



#31

Naphthalene

Concen: 54.951 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

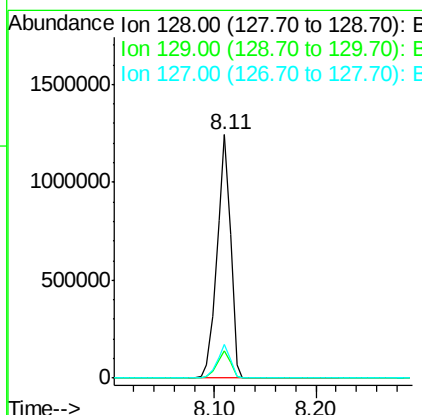
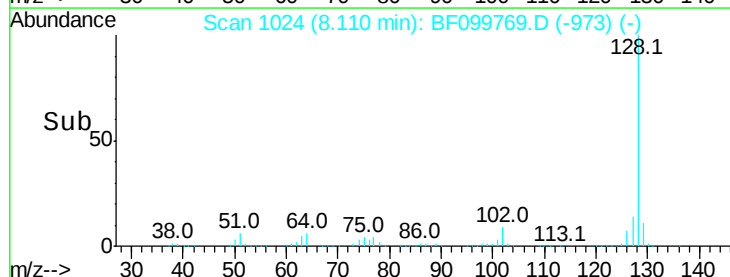
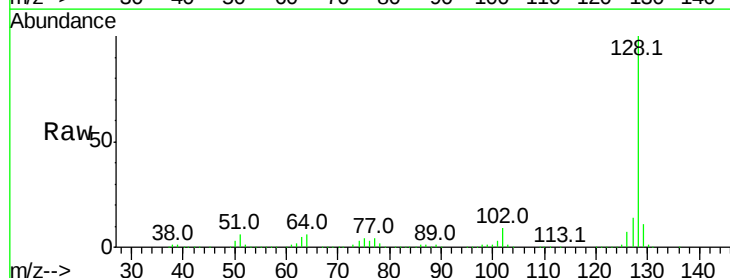
Tgt Ion:128 Resp: 1147040

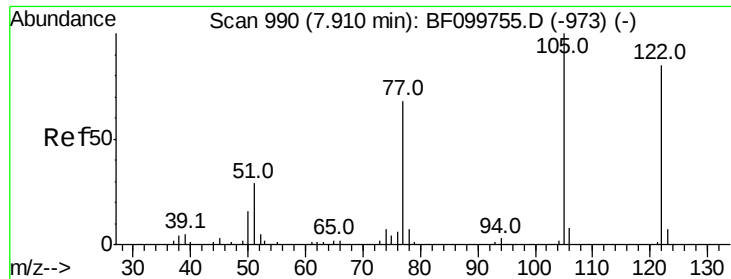
Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.7 10.9 16.3

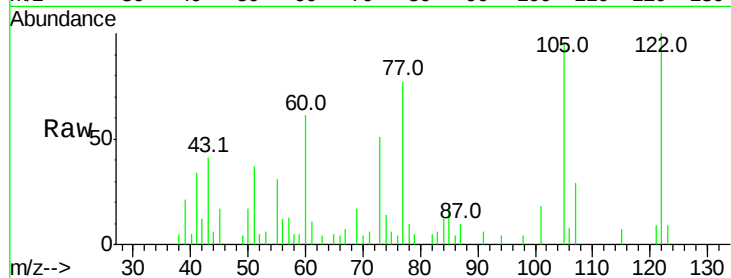




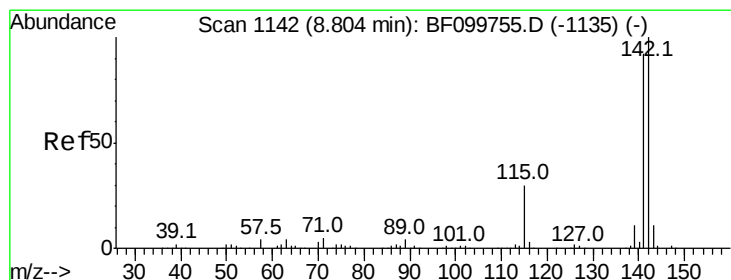
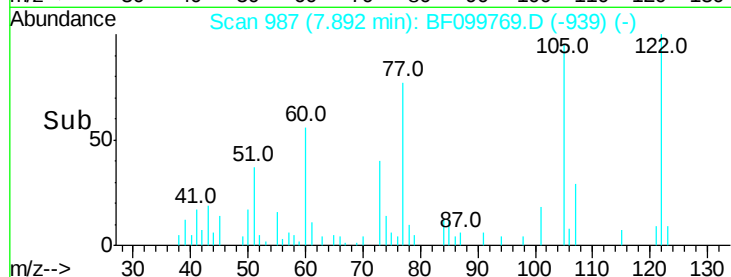
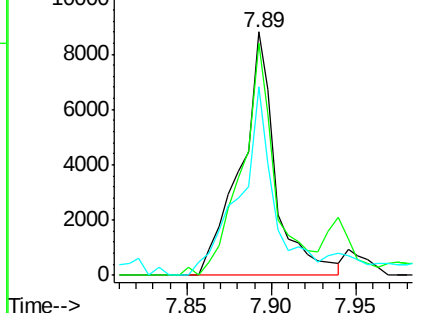
#32
Benzoic acid
Concen: 2.545 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tot Ion:122 Resp: 12795
Ion Ratio Lower Upper
122 100
105 95.3 101.1 141.1#
77 77.2 70.7 110.7

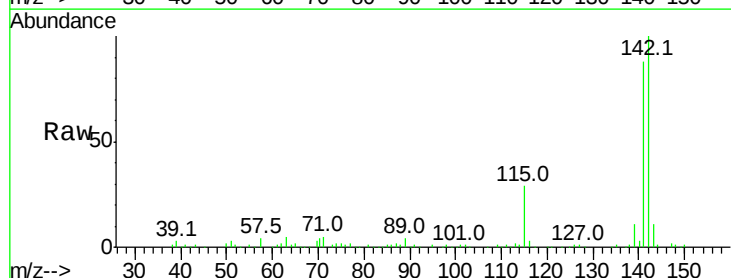


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

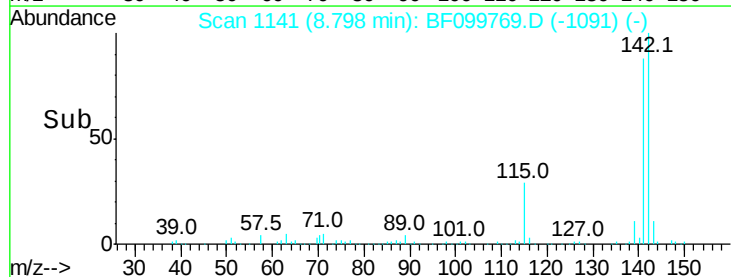
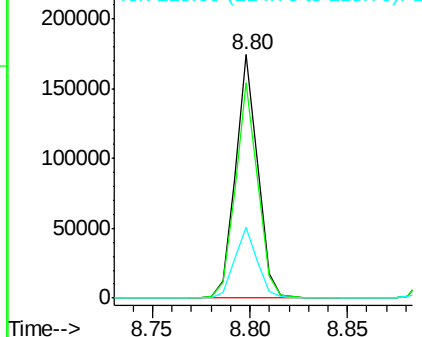


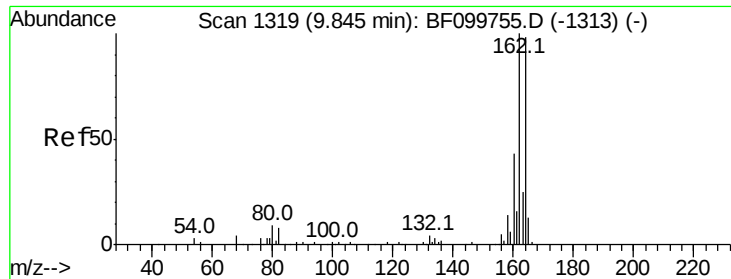
#37
2-Methylnaphthalene
Concen: 9.865 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion:142 Resp: 137991
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
115 29.3 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

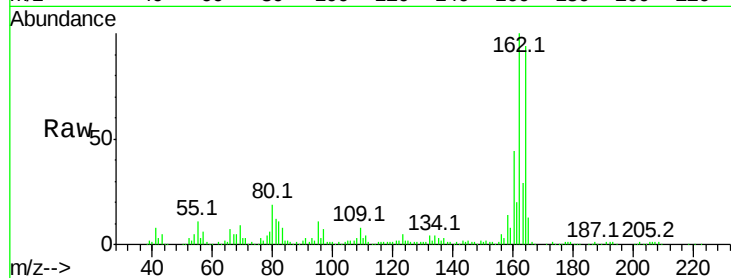




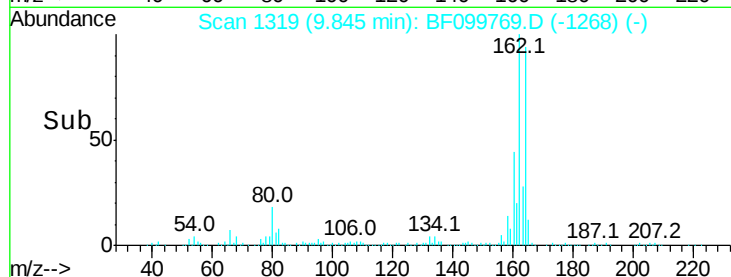
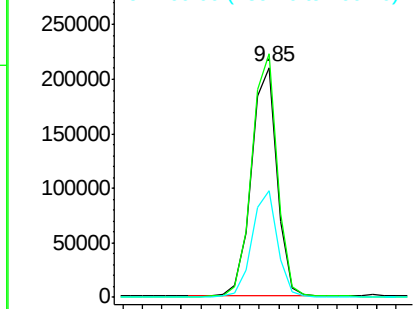
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF099769.D
 Acq: 23 Oct 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :
 20170724-C-A-COMP3

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	46.4	38.3	57.5

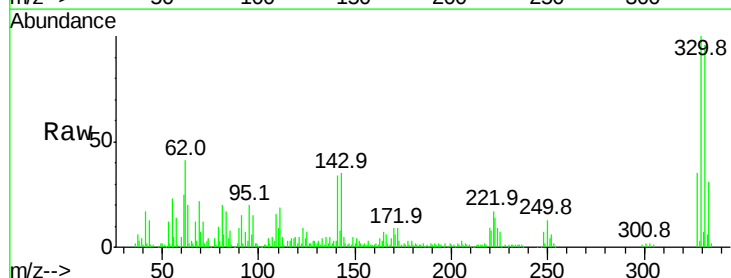


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

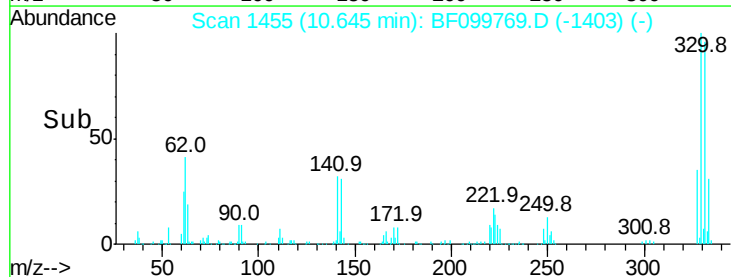
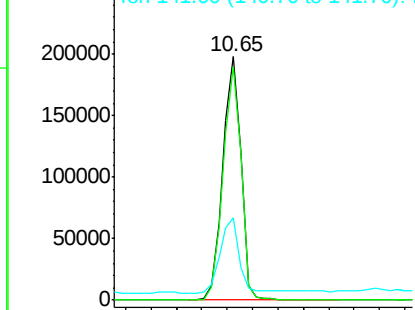


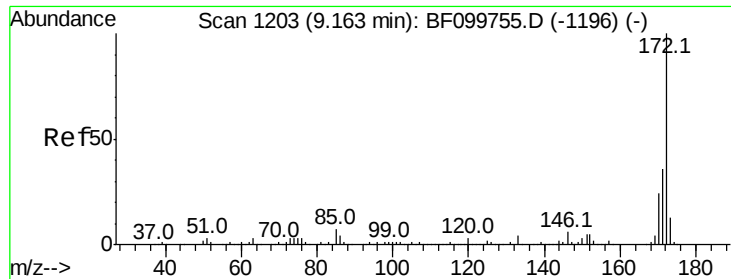
#41
 2,4,6-Tribromophenol
 Concen: 113.541 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF099769.D
 Acq: 23 Oct 2017 19:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.4	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

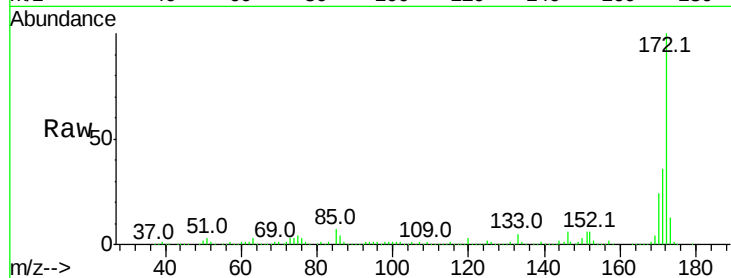




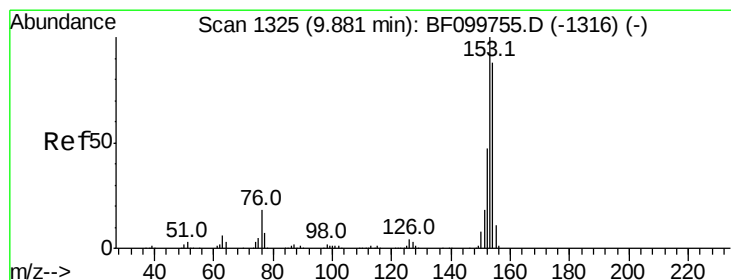
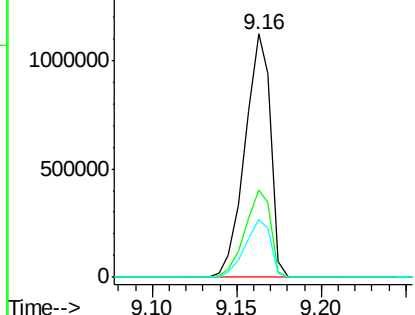
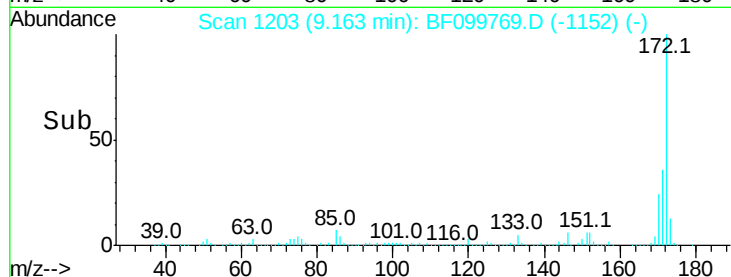
#44
2-Fluorobiphenyl
Concen: 96.030 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tot Ion:172 Resp: 1187320
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.6 19.6 29.4

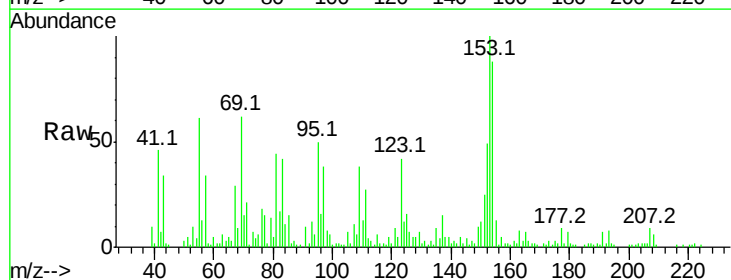


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

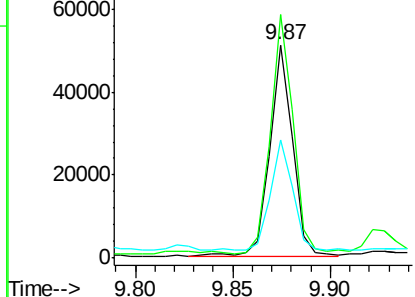
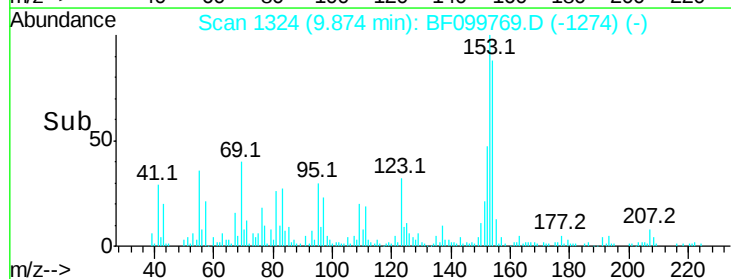


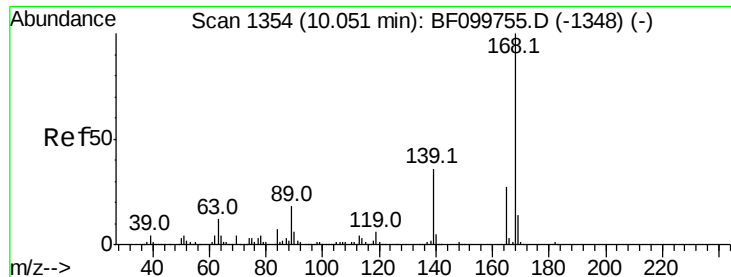
#51
Acenaphthene
Concen: 3.469 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion:154 Resp: 40911
Ion Ratio Lower Upper
154 100
153 114.3 91.2 136.8
152 55.5 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





#54

Dibenzofuran

Concen: 5.108 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

Instrument :

BNA_F

ClientSampleId :

20170724-C-A-COMP3

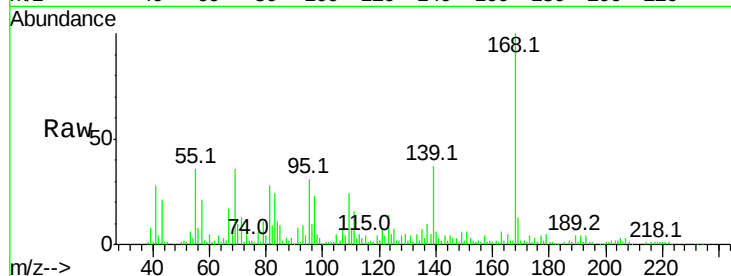
Tot Ion:168 Resp: 85043

Ion Ratio Lower Upper

168 100

139 36.9 30.1 45.1

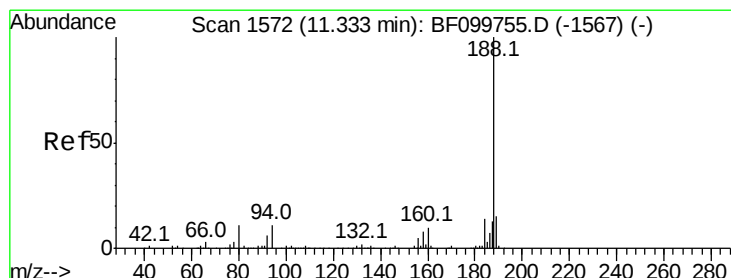
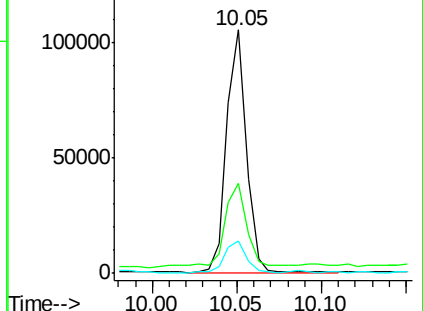
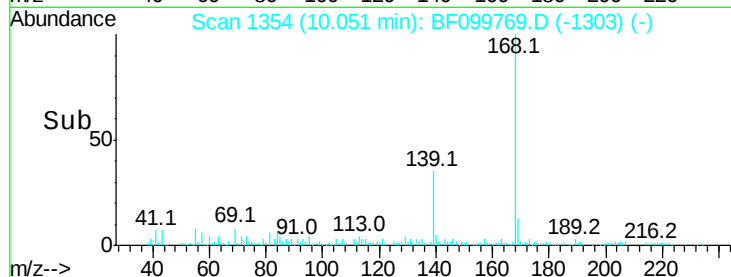
169 13.3 10.9 16.3



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

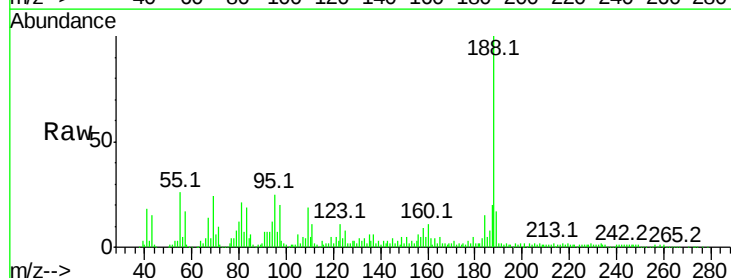
Tgt Ion:188 Resp: 250923

Ion Ratio Lower Upper

188 100

94 12.4 8.5 12.7

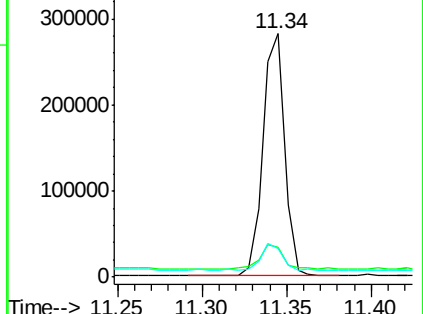
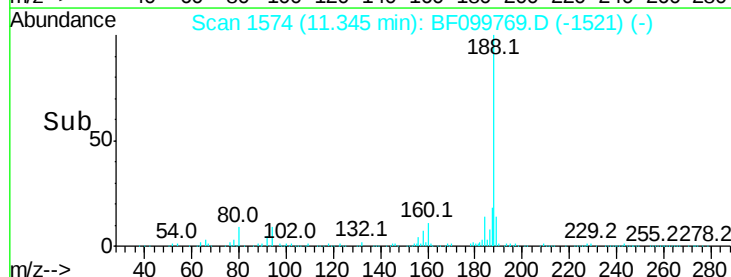
80 11.9 9.2 13.8

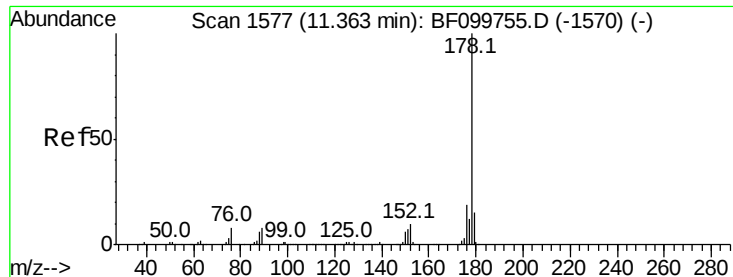


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 5.400 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

Instrument :

BNA_F

ClientSampleId :

20170724-C-A-COMP3

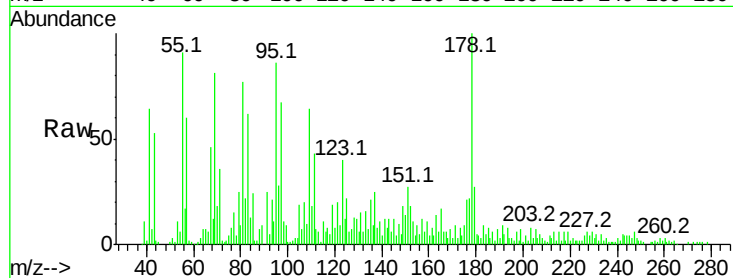
Tot Ion:178 Resp: 76472

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.8

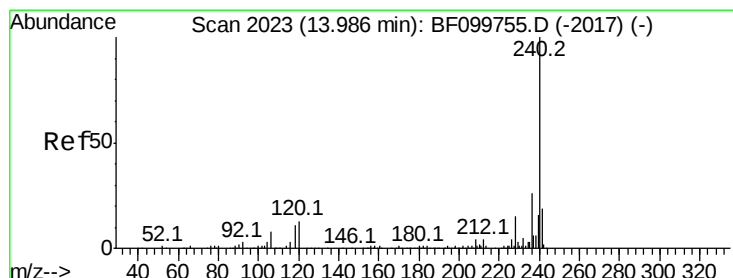
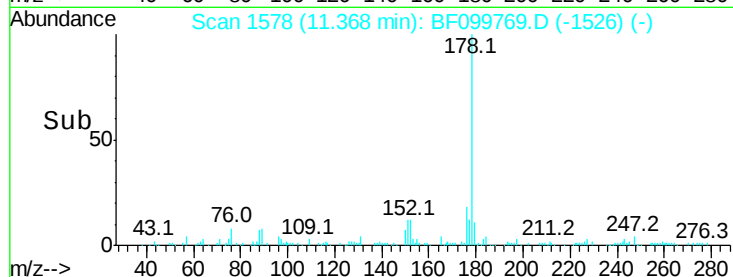
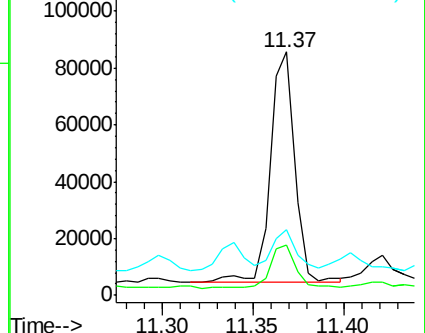
179 27.1 13.0 19.6#



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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

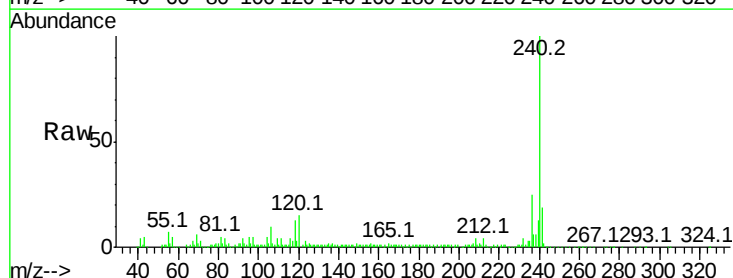
Tgt Ion:240 Resp: 176773

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

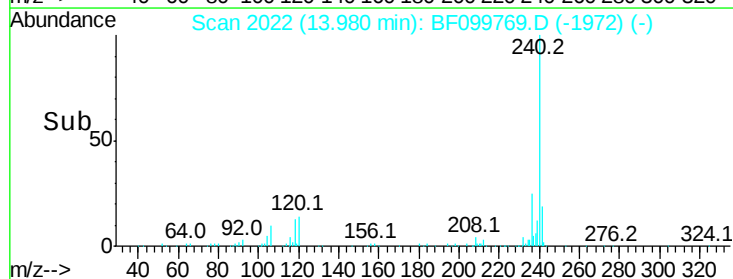
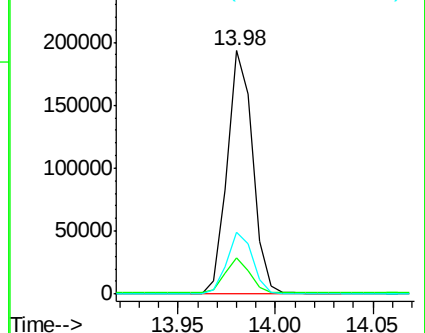
236 25.4 20.7 31.1

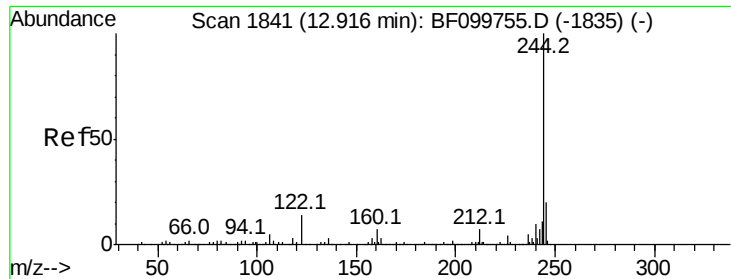


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.413 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

Instrument :

BNA_F

ClientSampleId :

20170724-C-A-COMP3

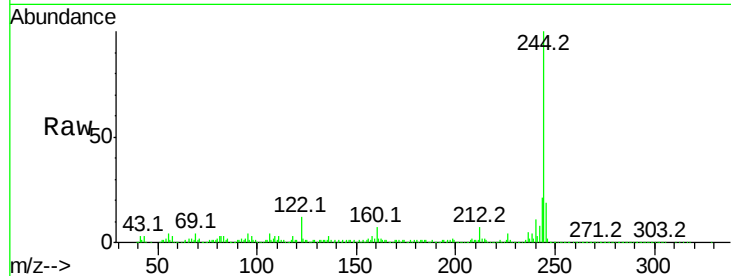
Tot Ion:244 Resp: 723258

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

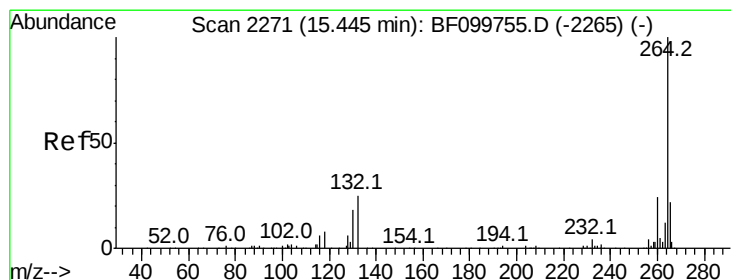
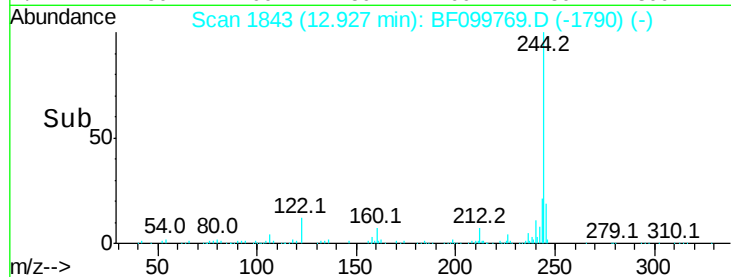
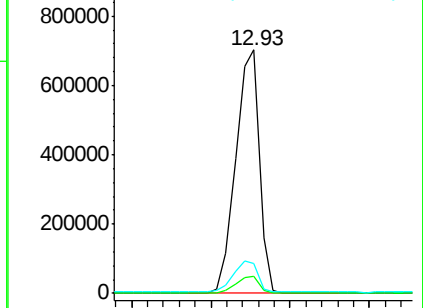
122 12.1 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

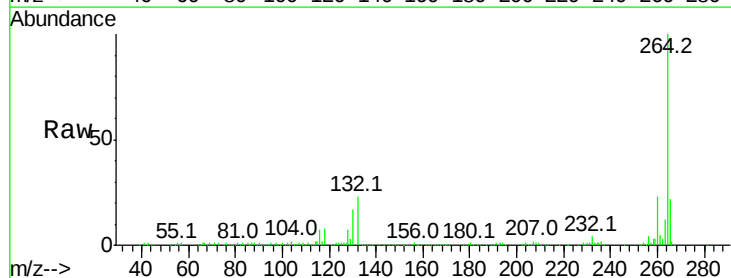
Tgt Ion:264 Resp: 191021

Ion Ratio Lower Upper

264 100

260 23.3 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

