

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 23:31:17 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

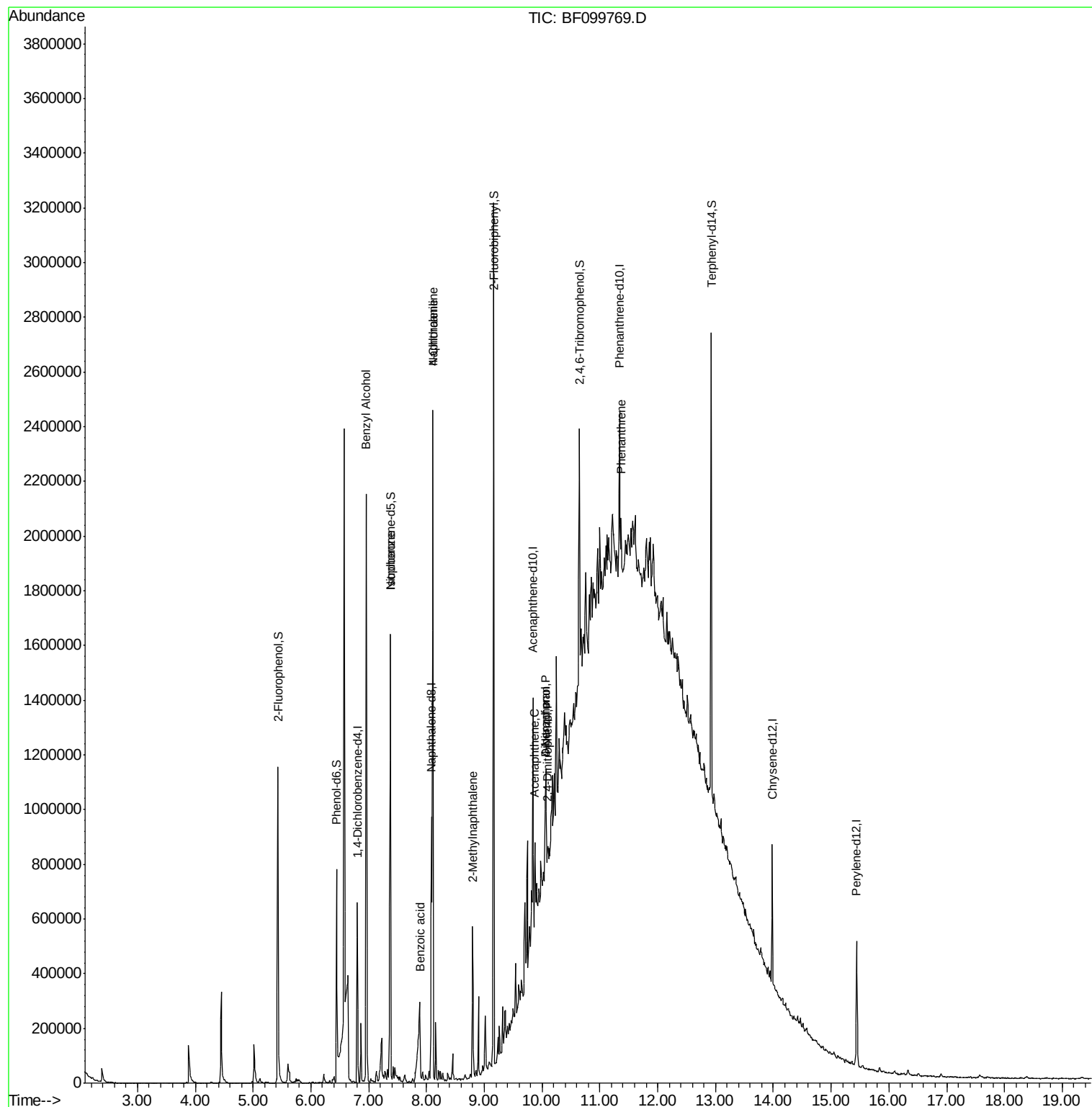
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	103875	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	432433	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	190758	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	250923	20.00	ng	0.01
75) Chrysene-d12	13.98	240	176773	20.00	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						Qvalue
15) Benzyl Alcohol	6.96	79	11188	2.24	ng	# 43
25) Isophorone	7.37	82	609166	49.98	ng	# 64
31) Naphthalene	8.11	128	1147040	54.95	ng	100
32) Benzoic acid	7.89	122	12795	2.55	ng	# 81
33) 4-Chloroaniline	8.11	127	153654	17.83	ng	# 35
37) 2-Methylnaphthalene	8.80	142	137991	9.86	ng	98
51) Acenaphthene	9.87	154	40911	3.47	ng	100
53) 2,4-Dinitrophenol	10.09	184	162	5.88	ng	# 1
54) Dibenzofuran	10.05	168	85043	5.11	ng	99
55) 4-Nitrophenol	10.05	139	32714	16.73	ng	# 48
70) Phenanthrene	11.37	178	76472	5.40	ng	# 88

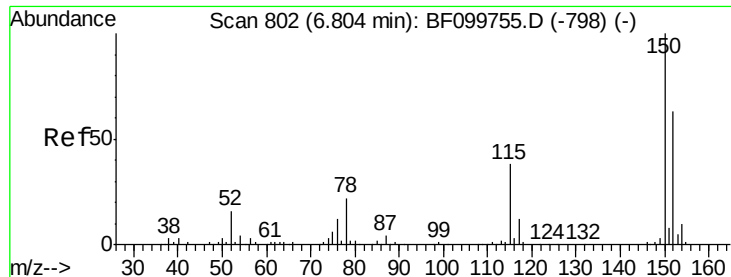
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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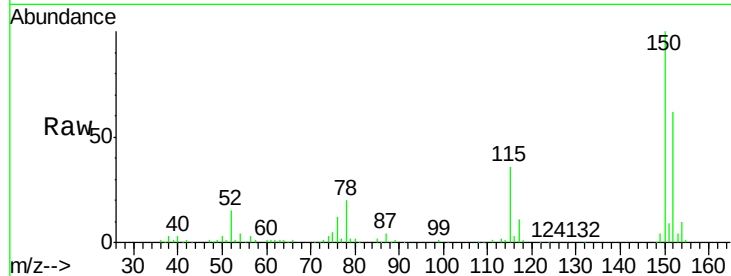


#1

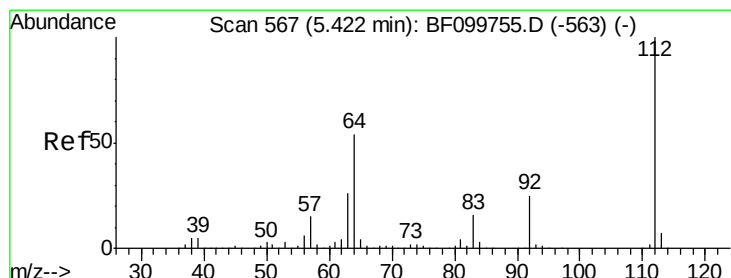
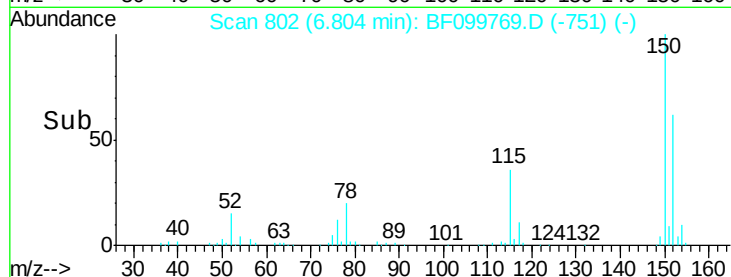
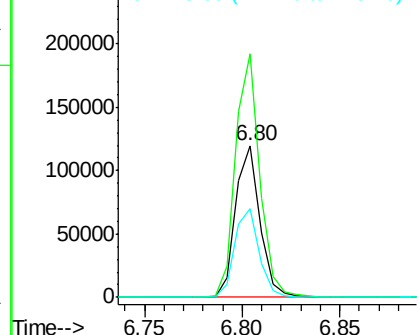
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

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



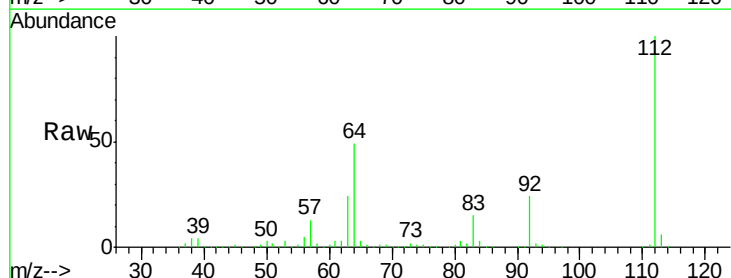
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



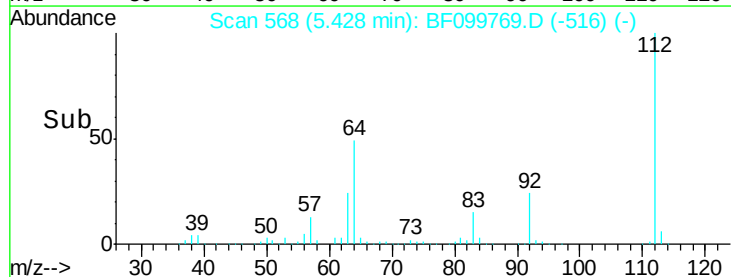
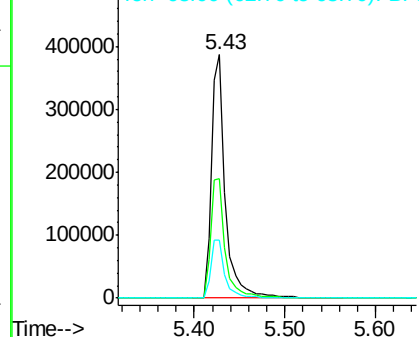
#5

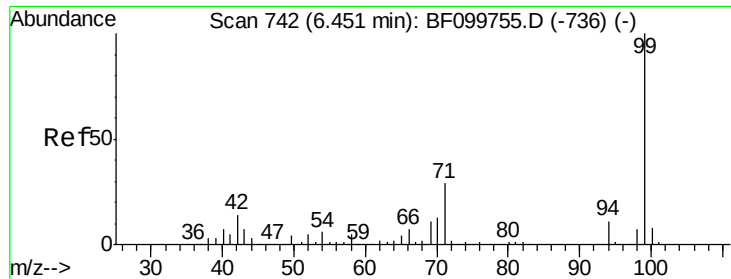
2-Fluorophenol
Concen: 63.36 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

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: 40.76 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

Instrument :

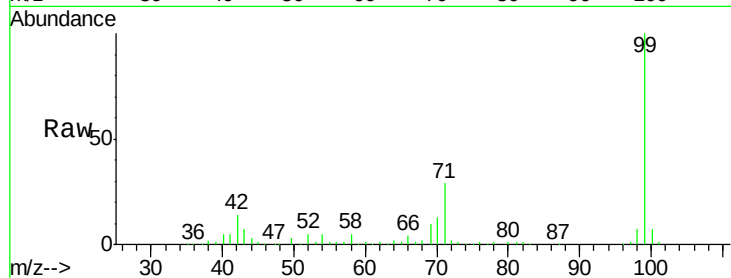
BNA_F

ClientSampleId :

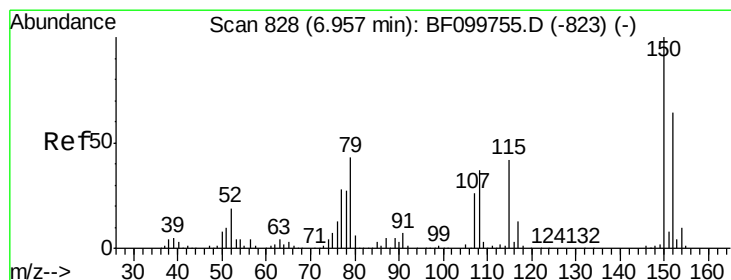
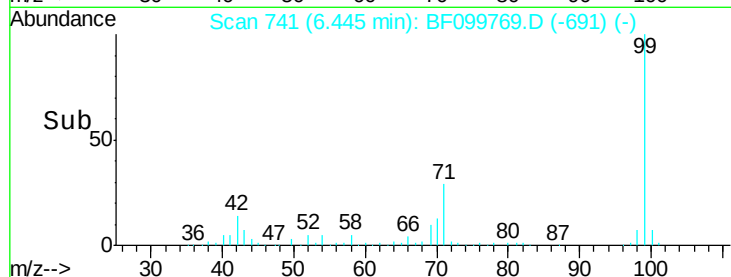
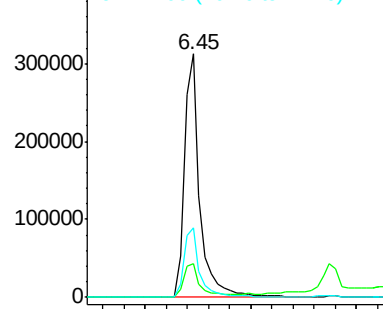
20170724-C-A-COMP3

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



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



#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 6.96 min Scan# 828

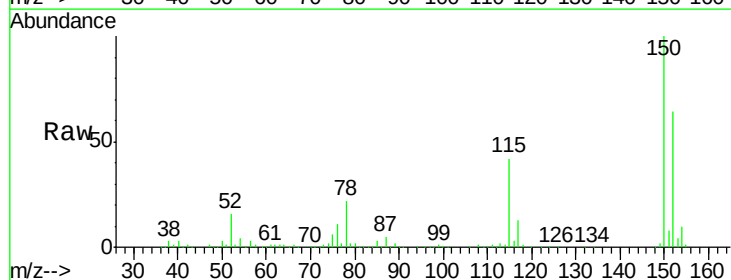
Delta R.T. -0.00 min

Lab File: BF099769.D

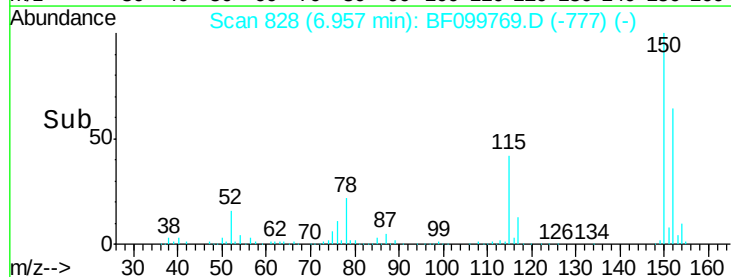
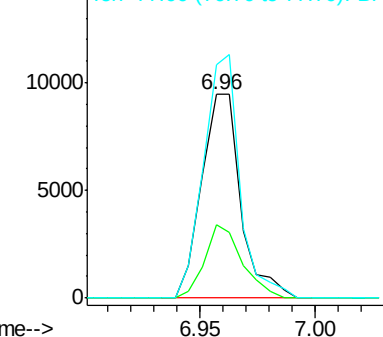
Acq: 23 Oct 2017 19:58

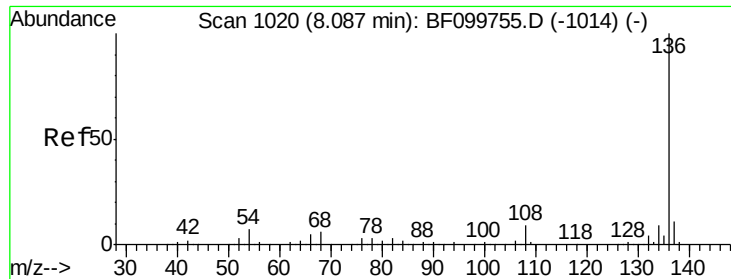
Tgt Ion: 79 Resp: 11188

Ion	Ratio	Lower	Upper
79	100		
108	36.1	65.1	97.7#
77	114.4	50.6	75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

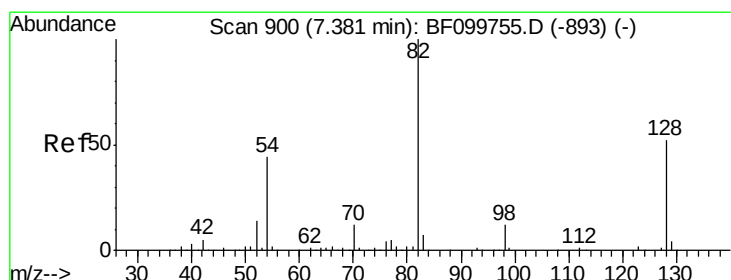
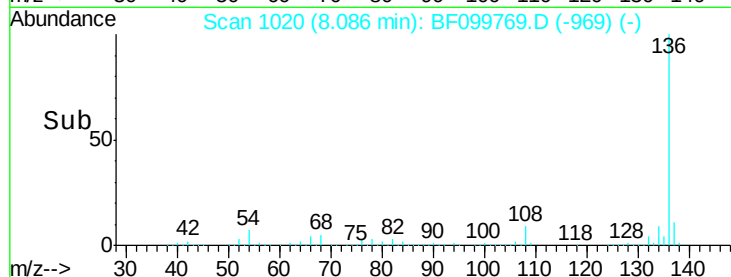
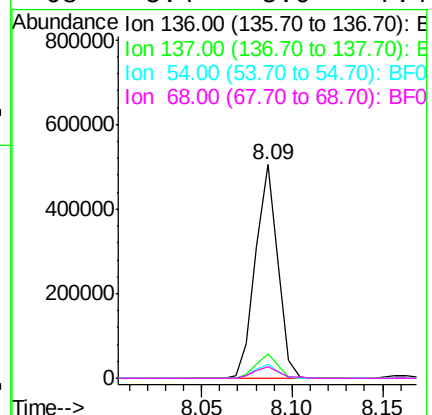
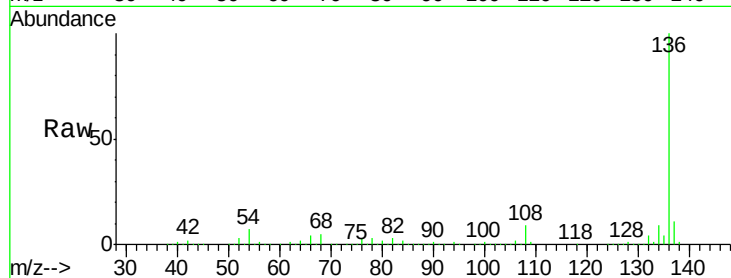




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

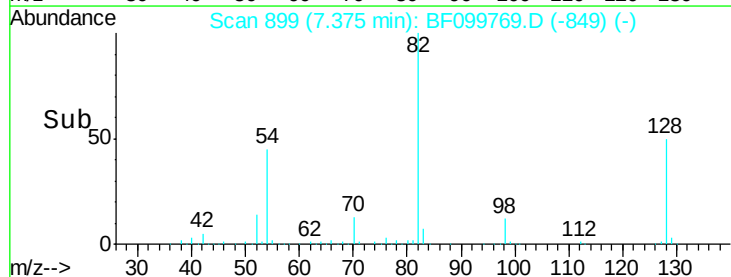
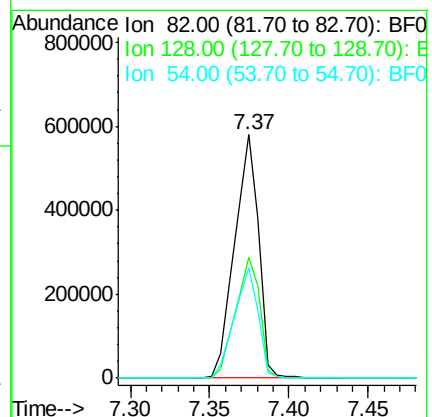
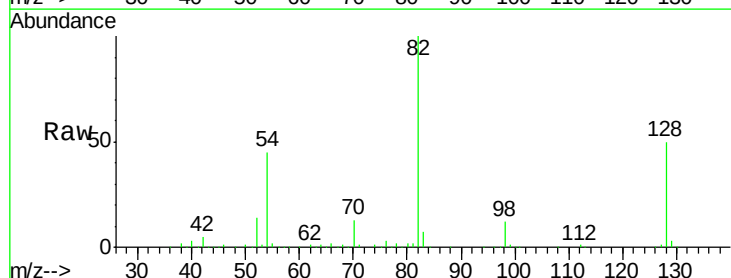
Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

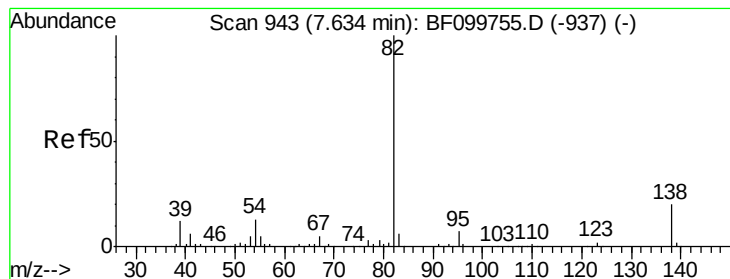
Tot Ion:136	Resp:	432433
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	6.5	6.6 9.8#
68	5.4	5.0 7.4



#23
Nitrobenzene-d5
Concen: 90.69 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion: 82	Resp:	609173
Ion Ratio	Lower	Upper
82	100	
128	49.7	36.1 54.1
54	45.2	41.4 62.2





#25

Isophorone

Concen: 49.98 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

Instrument :

BNA_F

ClientSampleId :

20170724-C-A-COMP3

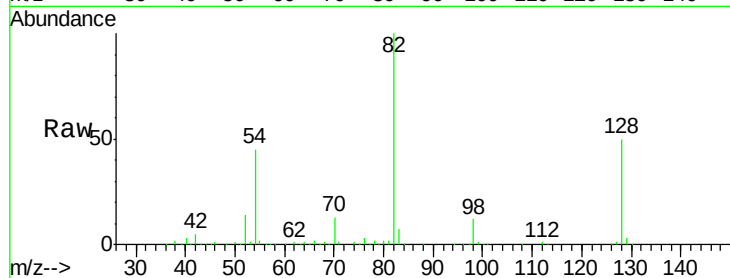
Tot Ion: 82 Resp: 609166

Ion Ratio Lower Upper

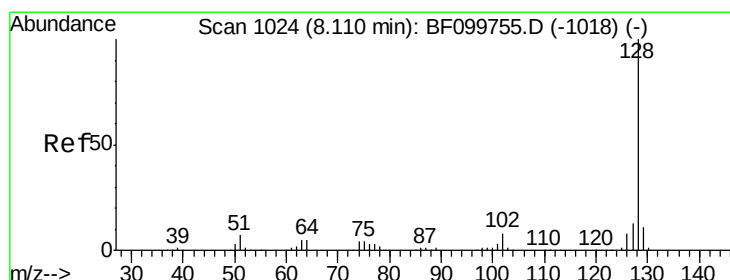
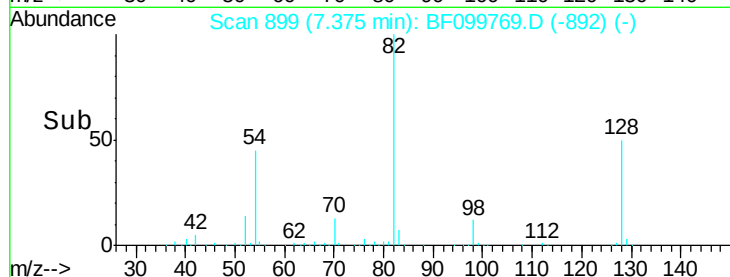
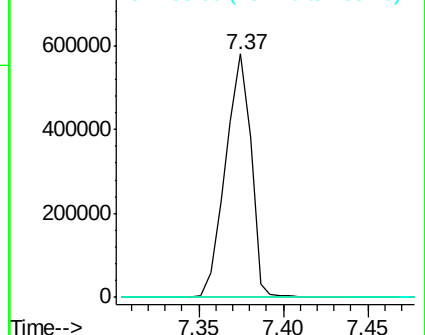
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 54.95 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

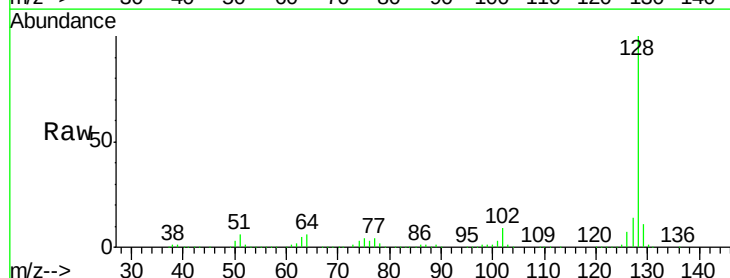
Tgt Ion: 128 Resp: 1147040

Ion Ratio Lower Upper

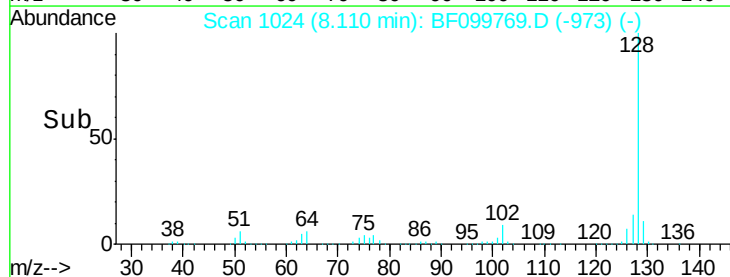
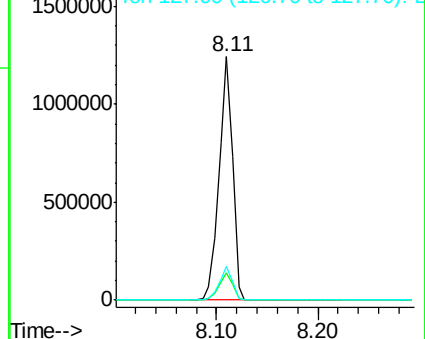
128 100

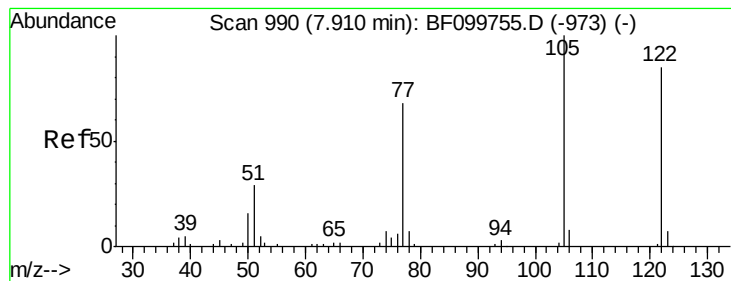
129 11.1 8.8 13.2

127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 2.55 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

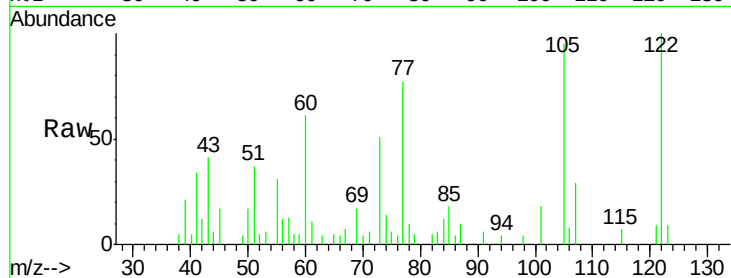
Tot Ion:122 Resp: 12795

Ion Ratio Lower Upper

122 100

105 95.3 101.1 141.1#

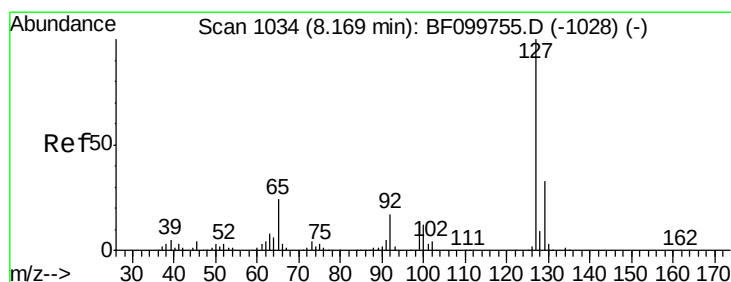
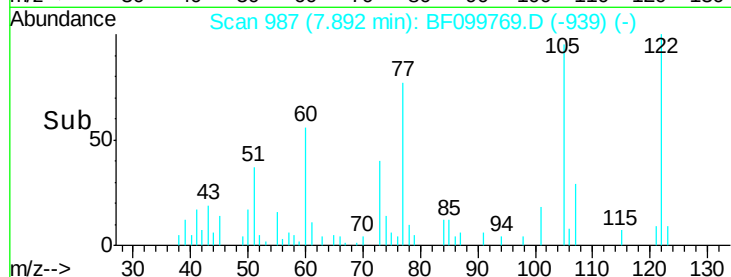
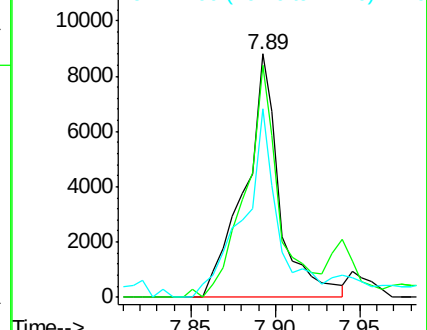
77 77.2 70.7 110.7



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



#33

4-Chloroaniline

Concen: 17.83 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.06 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

Tgt Ion:127 Resp: 153654

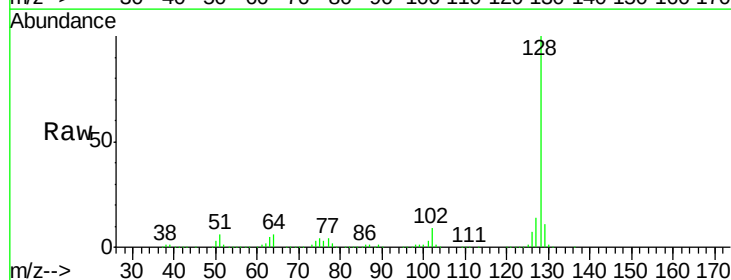
Ion Ratio Lower Upper

127 100

129 81.0 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

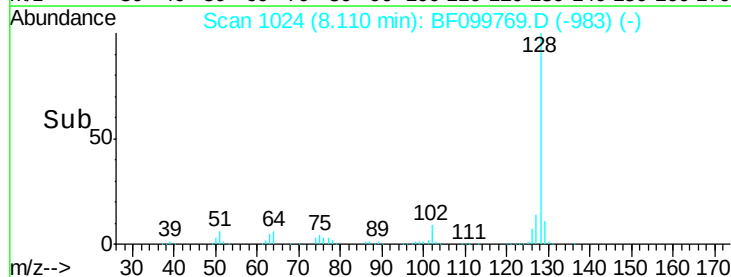
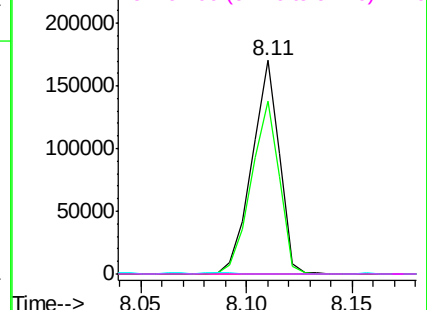


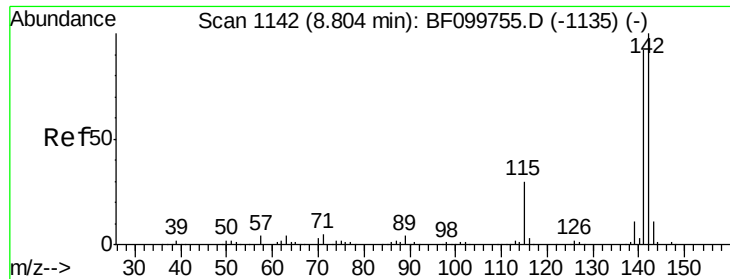
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

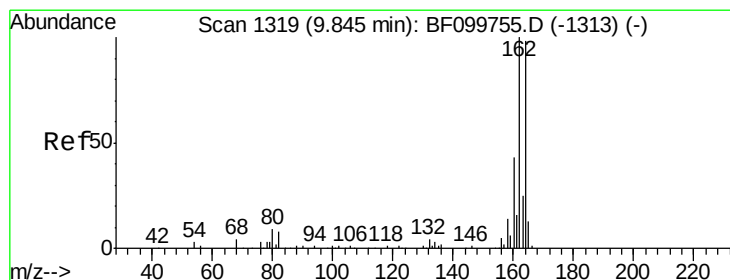
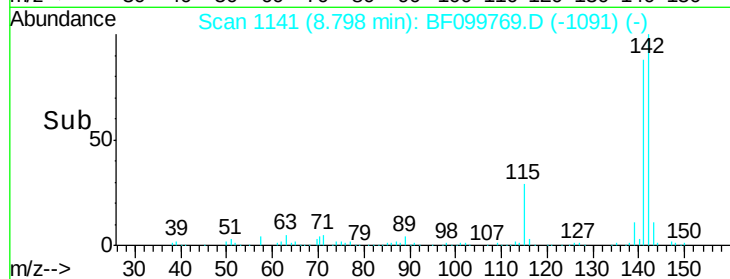
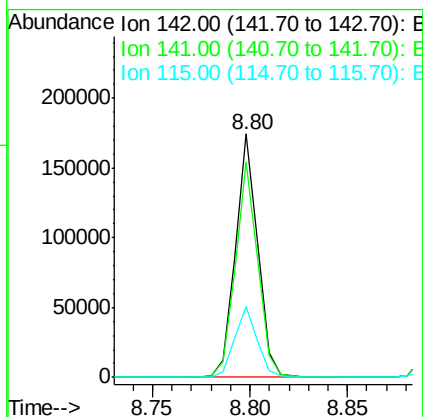
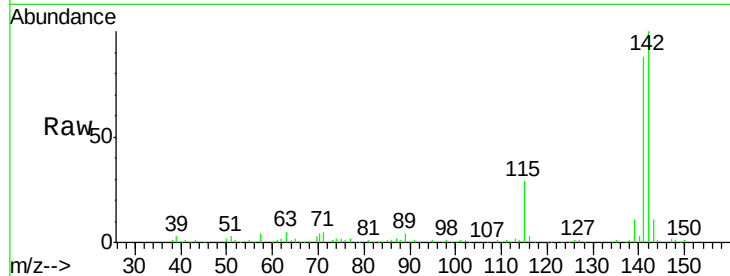




#37
2-Methylnaphthalene
Concen: 9.86 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

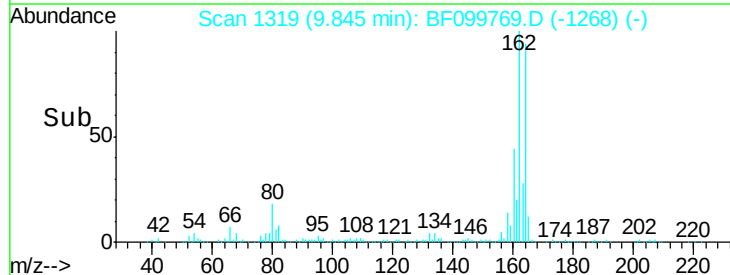
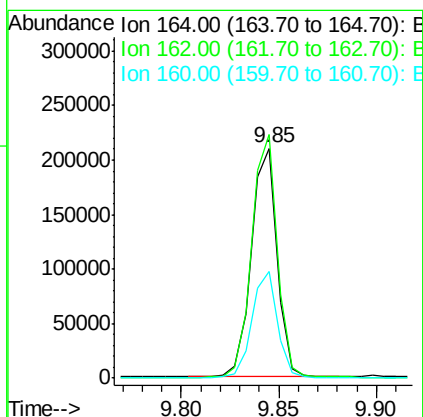
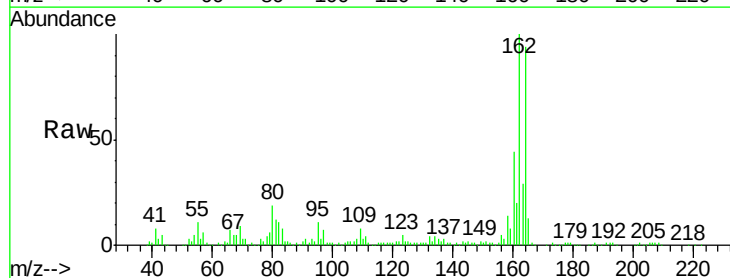
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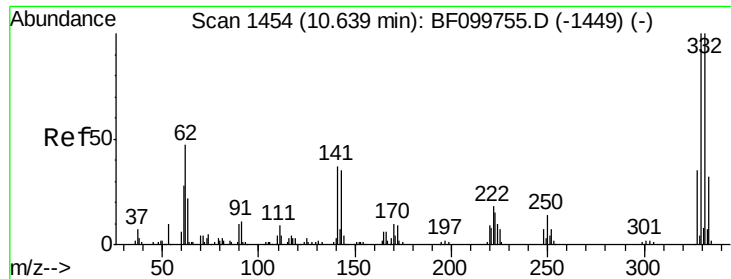
Tot Ion:142 Resp: 137991
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
115 29.3 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion:164 Resp: 190758
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 46.4 38.3 57.5

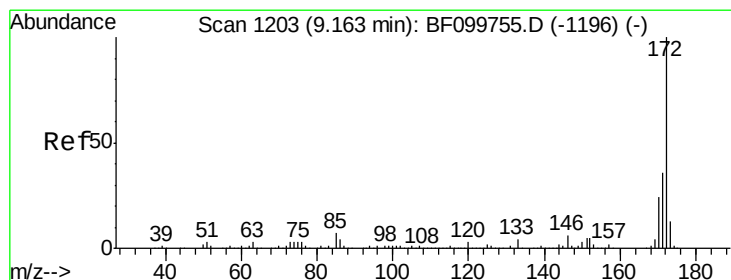
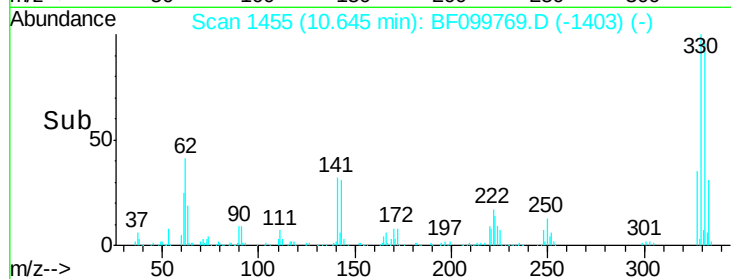
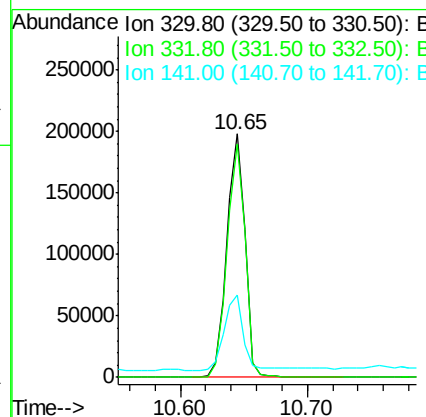
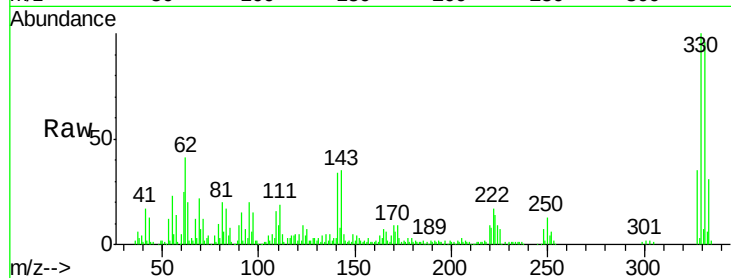




#41
 2,4,6-Tribromophenol
 Concen: 113.54 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF099769.D
 Acq: 23 Oct 2017 19:58

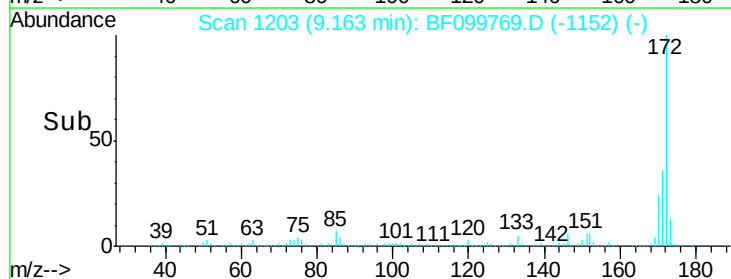
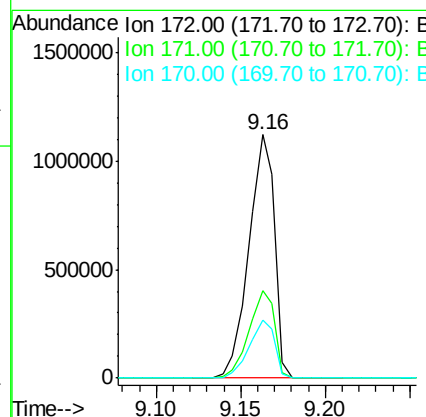
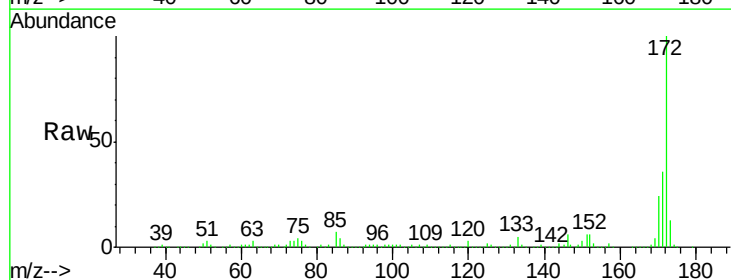
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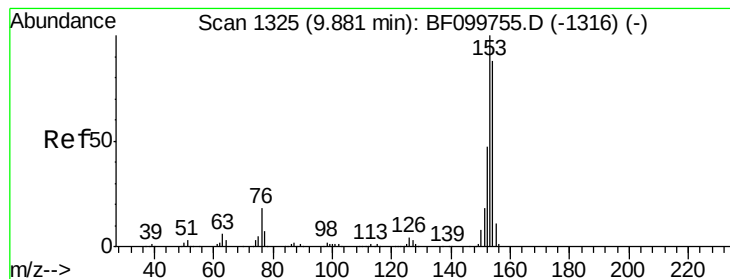
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 96.03 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099769.D
 Acq: 23 Oct 2017 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.6	19.6	29.4





#51

Acenaphthene

Concen: 3.47 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

Instrument :

BNA_F

ClientSampleId :

20170724-C-A-COMP3

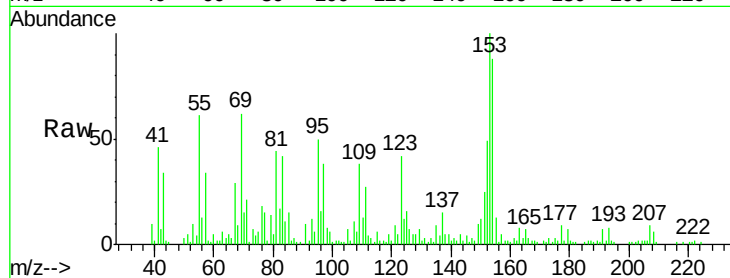
Tot Ion:154 Resp: 40911

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

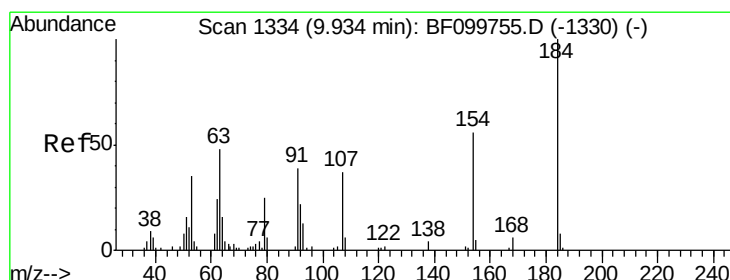
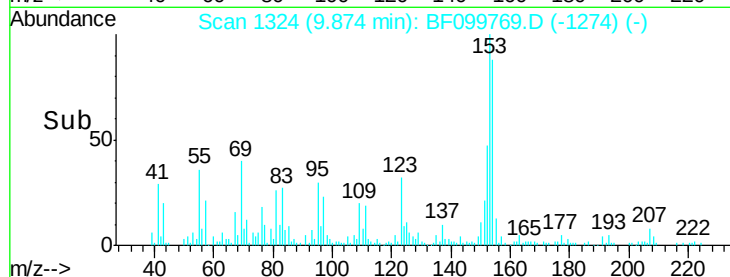
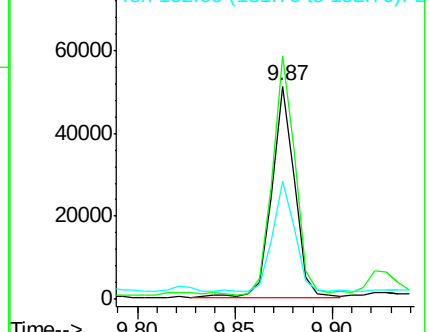
152 55.5 43.8 65.8



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



#53

2,4-Dinitrophenol

Concen: 5.88 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.16 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

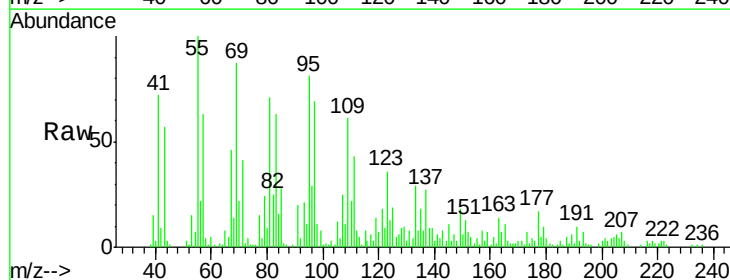
Tgt Ion:184 Resp: 162

Ion Ratio Lower Upper

184 100

63 165.2 54.2 81.2#

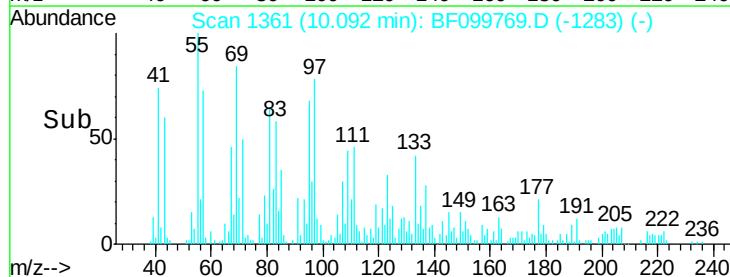
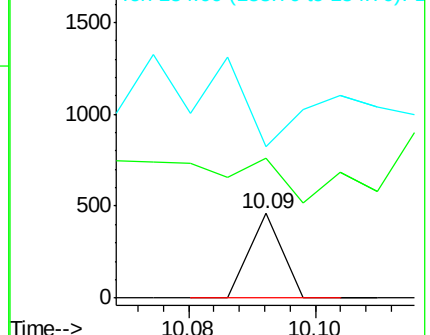
154 178.9 53.5 80.3#

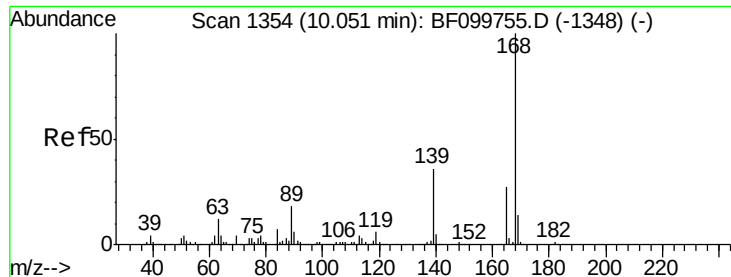


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 5.11 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

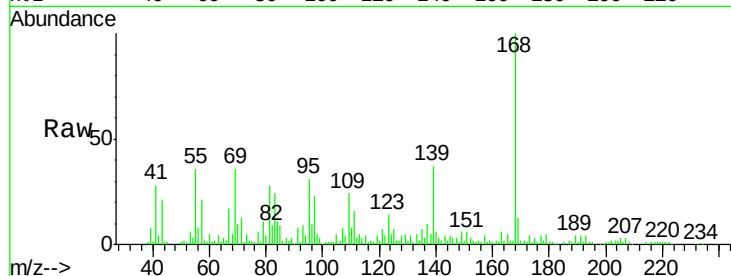
Tot Ion:168 Resp: 85043

Ion Ratio Lower Upper

168 100

139 36.9 30.1 45.1

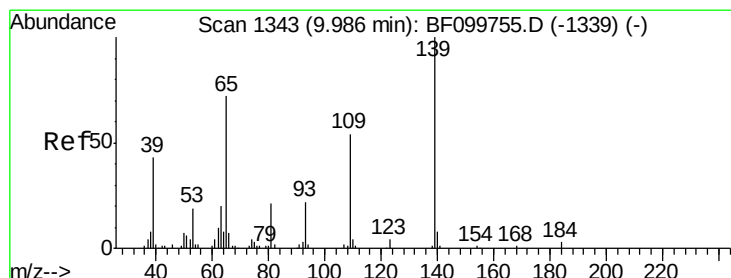
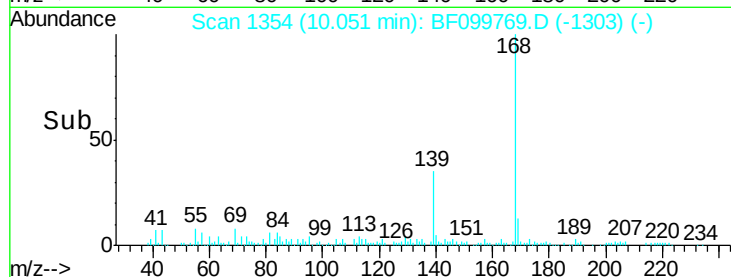
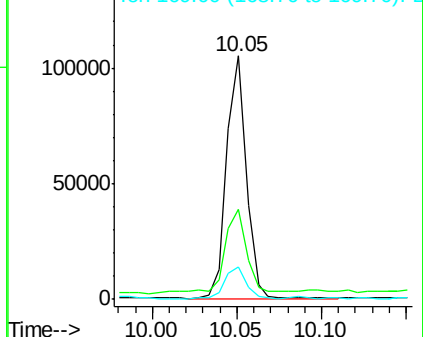
169 13.3 10.9 16.3



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



#55

4-Nitrophenol

Concen: 16.73 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.06 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

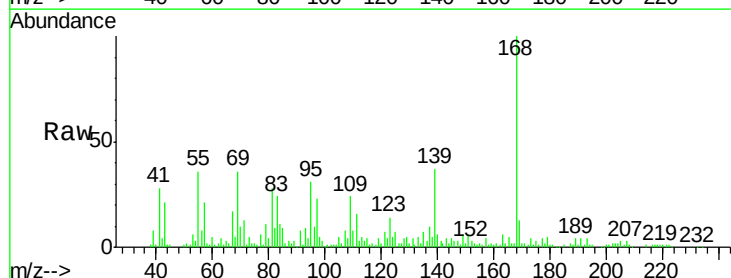
Tgt Ion:139 Resp: 32714

Ion Ratio Lower Upper

139 100

109 63.9 48.4 88.4

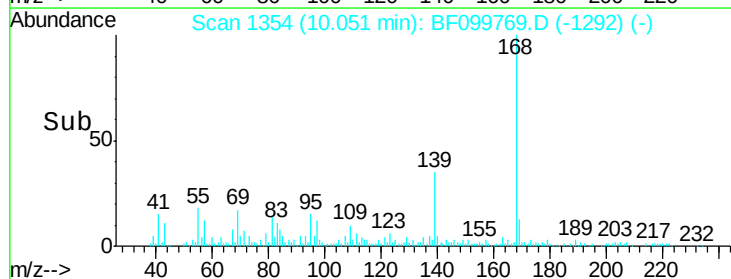
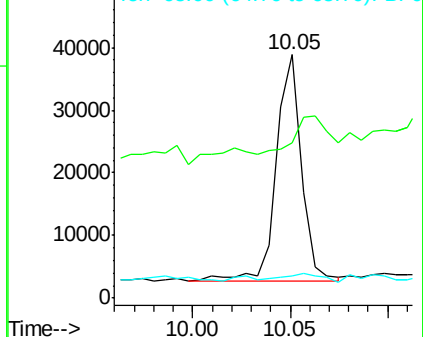
65 9.4 72.6 112.6#

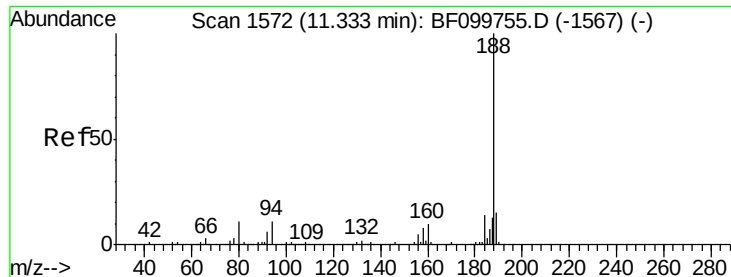


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

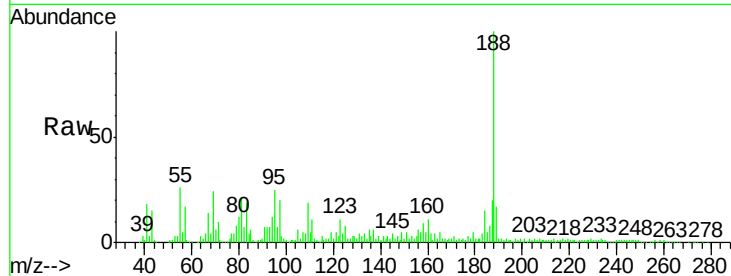




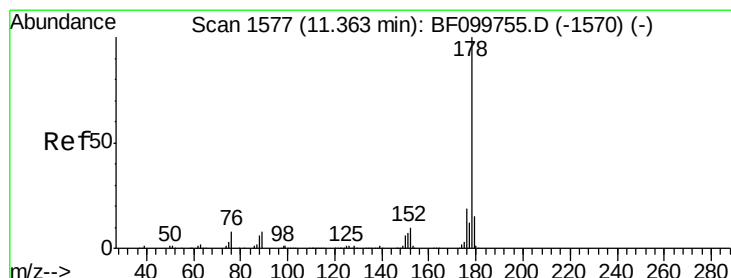
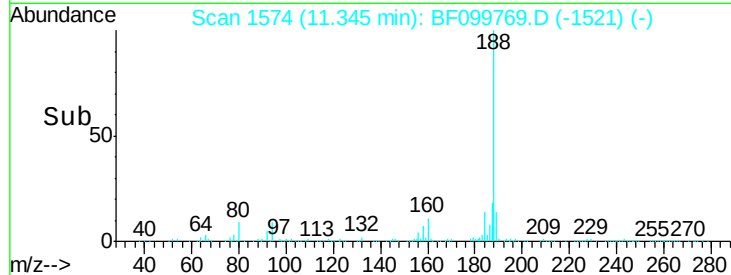
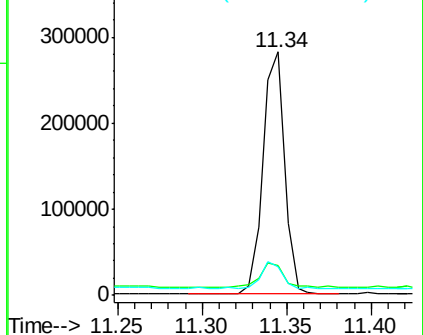
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

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

Tot Ion:188 Resp: 250923
Ion Ratio Lower Upper
188 100
94 12.4 8.5 12.7
80 11.9 9.2 13.8

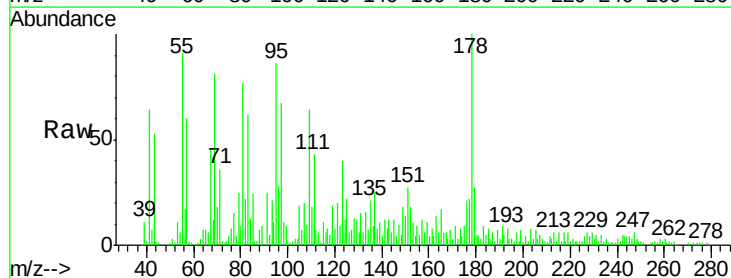


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

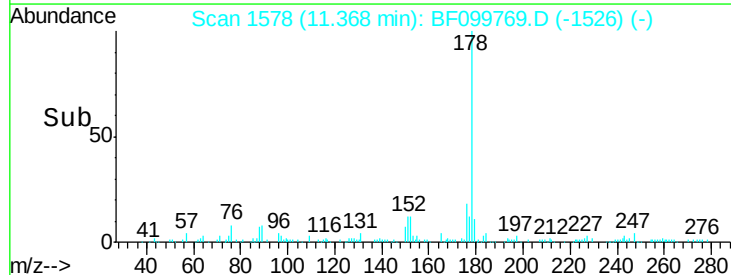
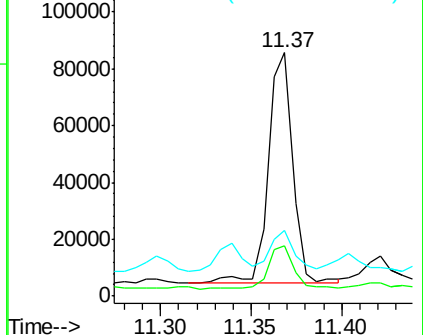


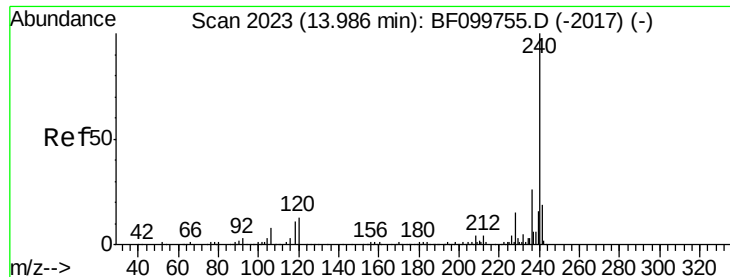
#70
Phenanthrene
Concen: 5.40 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt 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: 20.00 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

Instrument :

BNA_F

ClientSampleId :

20170724-C-A-COMP3

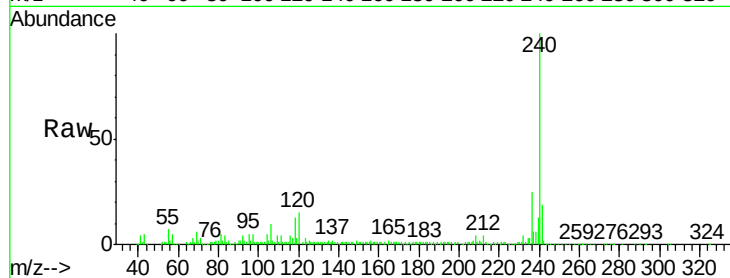
Tot Ion:240 Resp: 176773

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

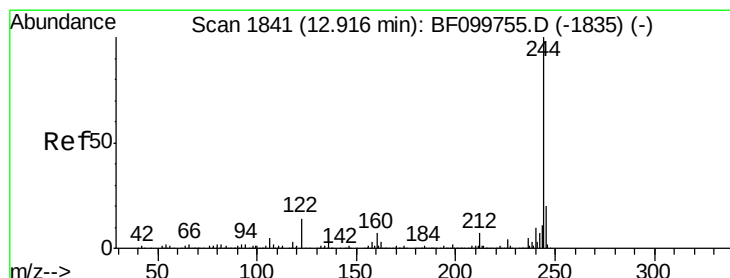
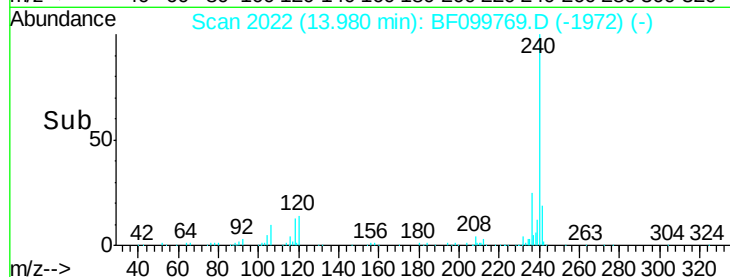
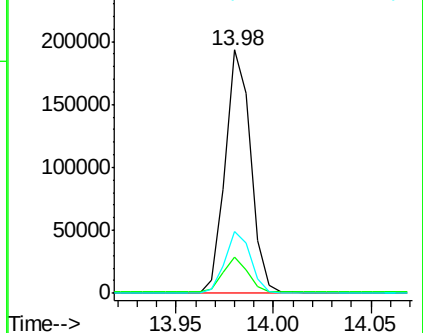
236 25.4 20.7 31.1



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: 89.41 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF099769.D

Acq: 23 Oct 2017 19:58

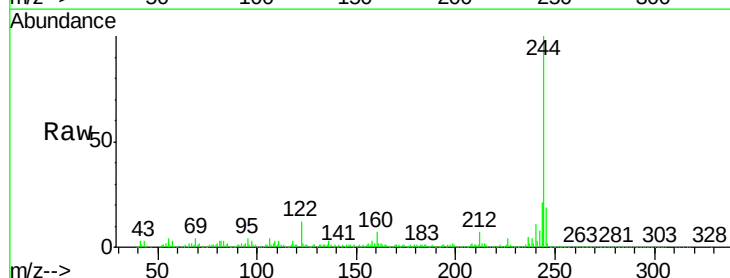
Tgt Ion:244 Resp: 723258

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

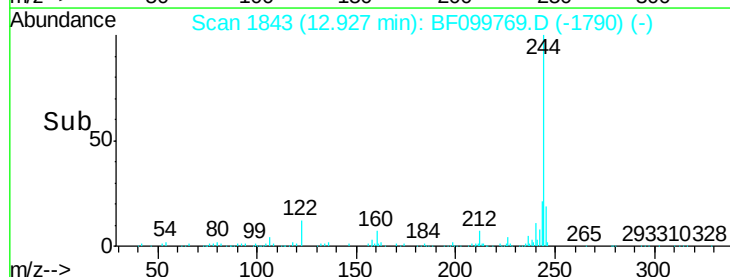
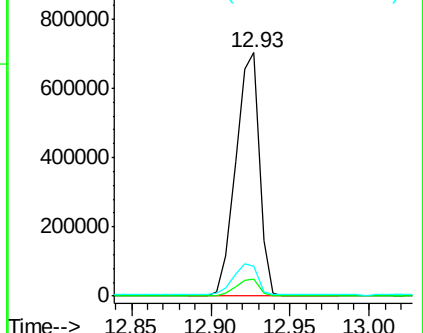
122 12.1 11.0 16.4

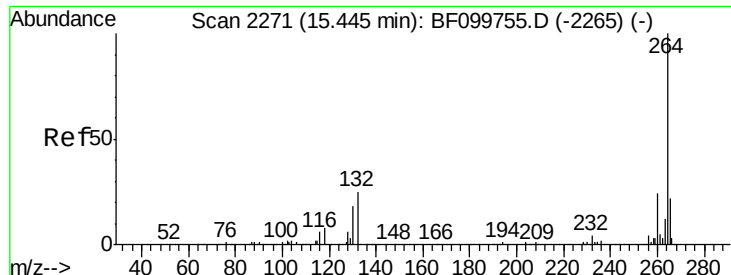


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

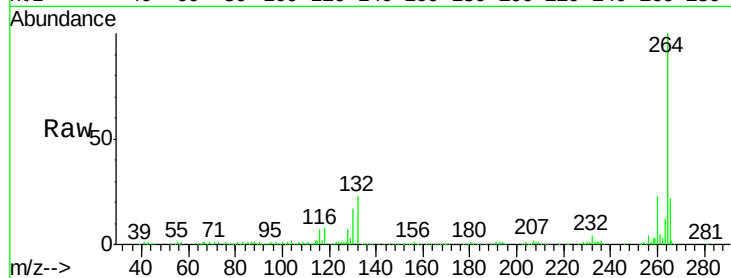




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

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

Tot Ion	Ratio	Lower	Upper
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

