

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072618\
 Data File : BF107740.D
 Acq On : 27 Jul 2018 10:49
 Operator : JU/SJ
 Sample : J4163-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 12:13:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	174777	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	696087	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	331977	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	549746	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	414821	20.00	ng	-0.02
86) Perylene-d12	15.68	264	426610	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	615533	56.62	ng	-0.01
7) Phenol-d6	6.60	99	533276	40.86	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1093308	106.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	490443	129.92	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	2070992	118.98	ng	-0.02
78) Terphenyl-d14	13.08	244	1496095	92.33	ng	-0.02

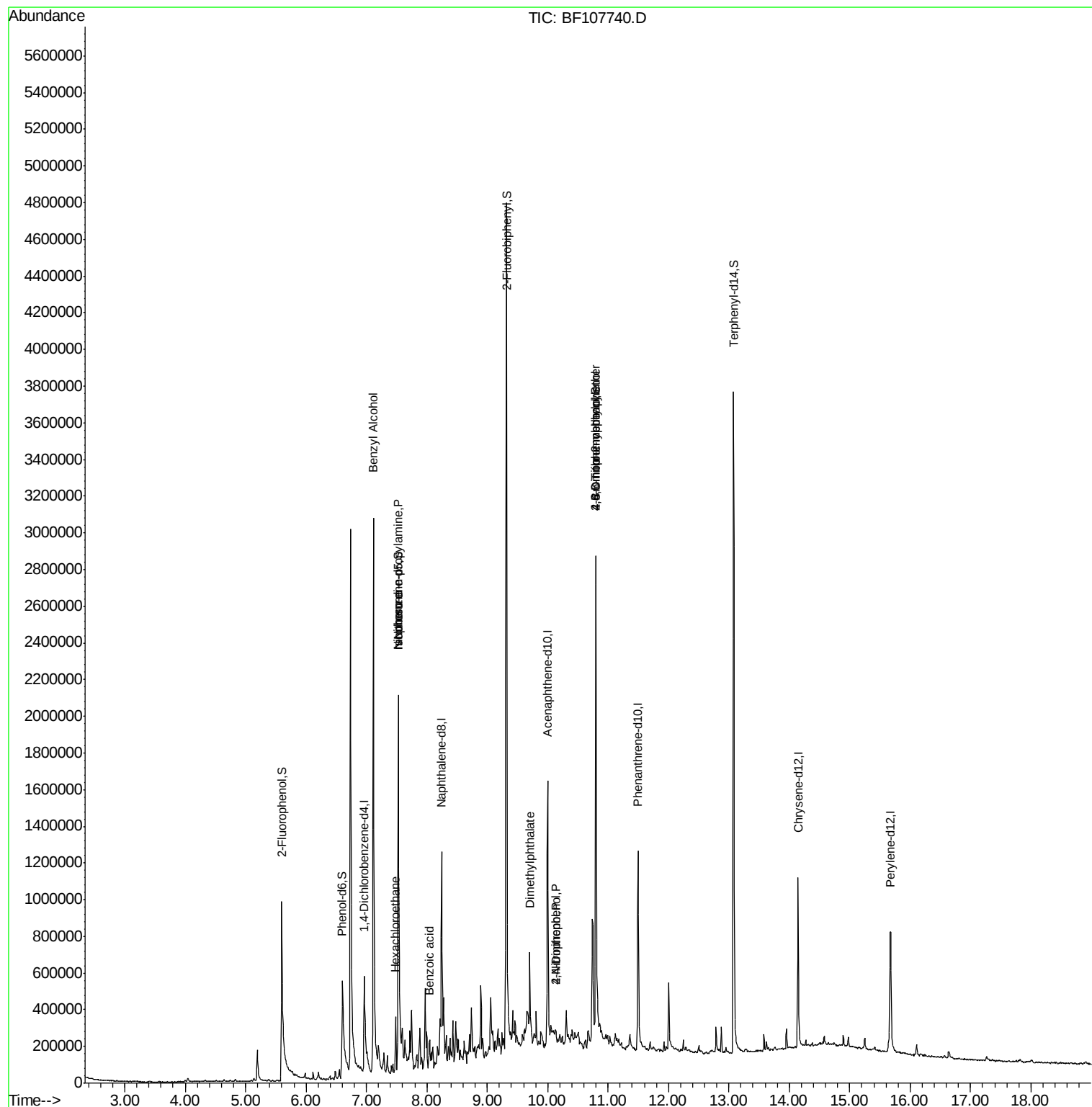
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.11	79	18950	2.130	ng	# 48
18) Hexachloroethane	7.49	117	14643	3.085	ng	# 1
19) n-Nitroso-di-n-propylamine	7.53	70	143834	17.058	ng	# 80
25) Isophorone	7.53	82	1088925	49.445	ng	# 64
32) Benzoic acid	8.04	122	546	7.969	ng	# 1
49) Dimethylphthalate	9.71	163	233728	9.342	ng	# 98
53) 2,4-Dinitrophenol	10.12	184	273	8.441	ng	# 1
55) 4-Nitrophenol	10.13	139	11234	2.483	ng	# 56
64) 4,6-Dinitro-2-methylphenol	10.80	198	1484	9.139	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	29055	4.490	ng	# 1
73) Di-n-butylphthalate	12.04	149	6361	Below Cal		# 91
81) 3,3'-Dichlorobenzidine	14.09	252	146	Below Cal		# 29

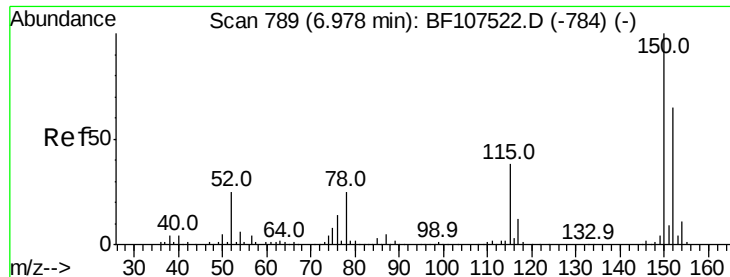
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072618\
Data File : BF107740.D
Acq On : 27 Jul 2018 10:49
Operator : JU/SJ
Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 27 12:13:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



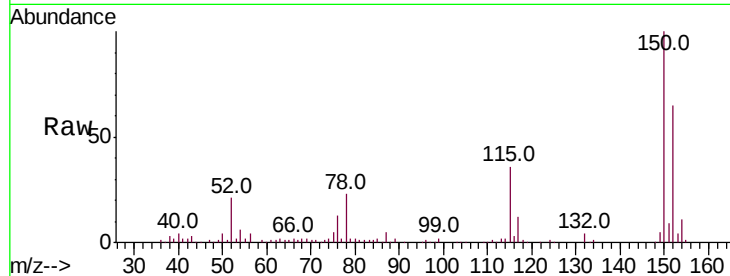


#1

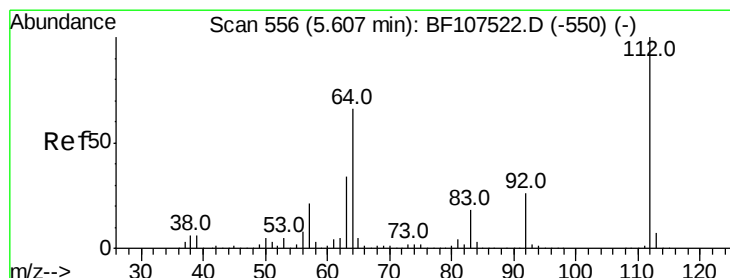
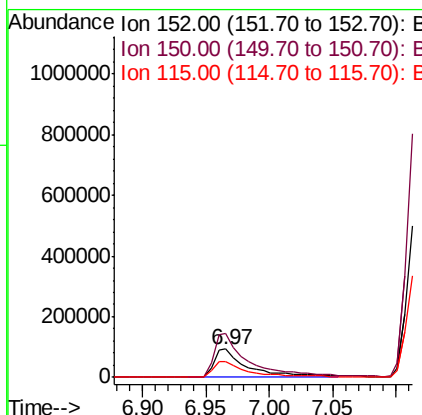
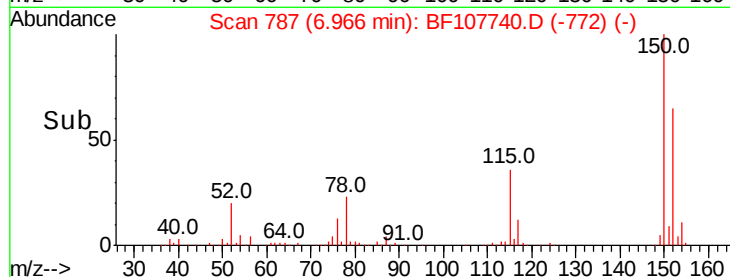
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107740.D
Acq: 27 Jul 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 174777
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 56.2 50.1 75.1



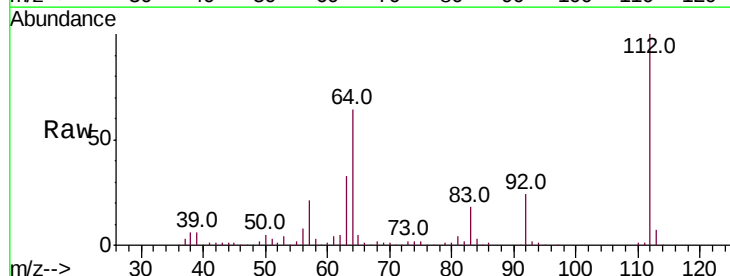
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



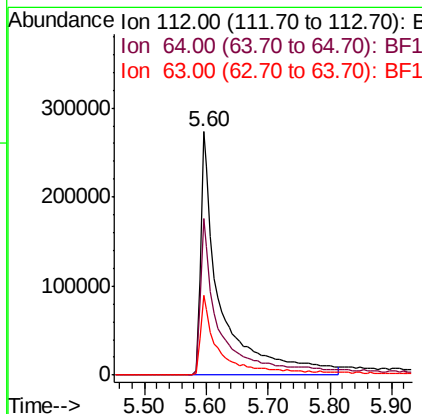
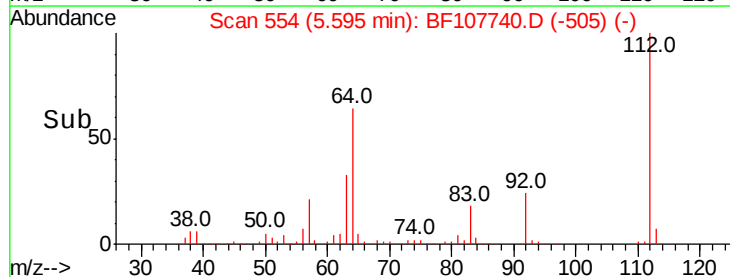
#5

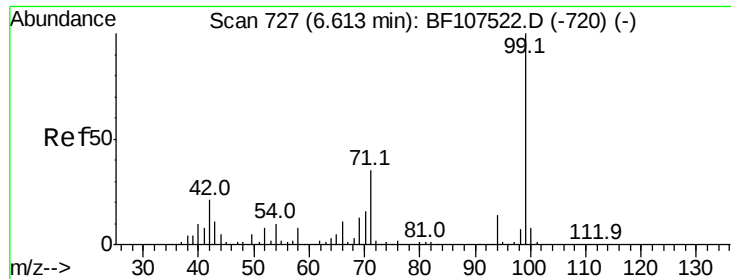
2-Fluorophenol
Concen: 56.624 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107740.D
Acq: 27 Jul 2018 10:49

Tgt Ion:112 Resp: 615533
Ion Ratio Lower Upper
112 100
64 64.4 47.9 71.9
63 33.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 40.856 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107740.D

Acq: 27 Jul 2018 10:49

Instrument :

BNA_F

ClientSampleId :

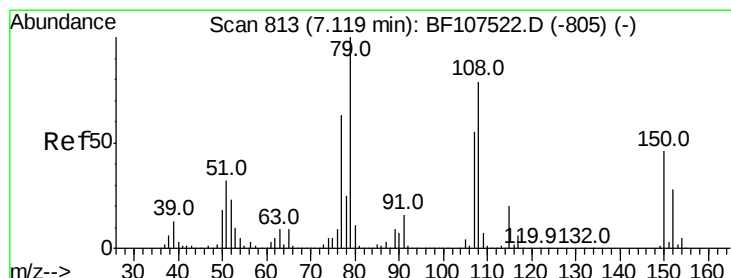
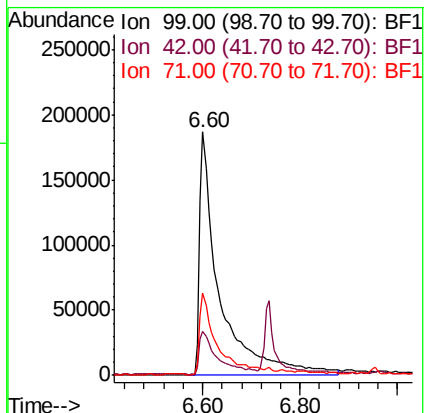
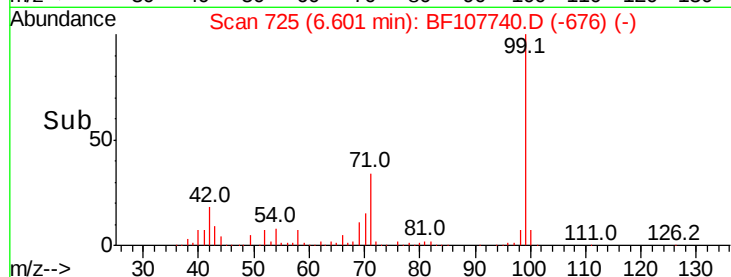
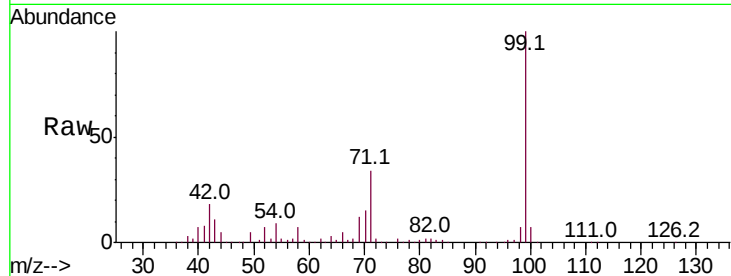
Tot Ion: 99 Resp: 533276

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 34.0 25.4 38.0



#15

Benzyl Alcohol

Concen: 2.130 ng

RT: 7.11 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF107740.D

Acq: 27 Jul 2018 10:49

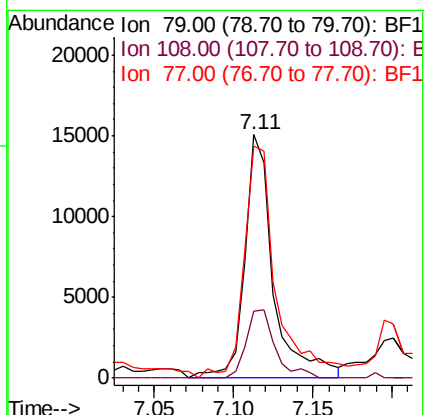
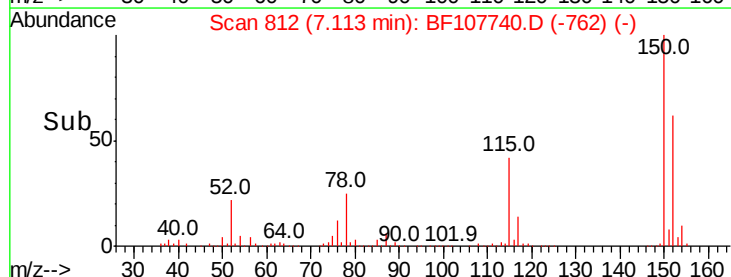
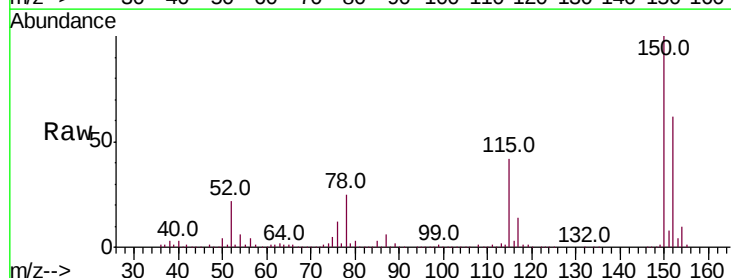
Tgt Ion: 79 Resp: 18950

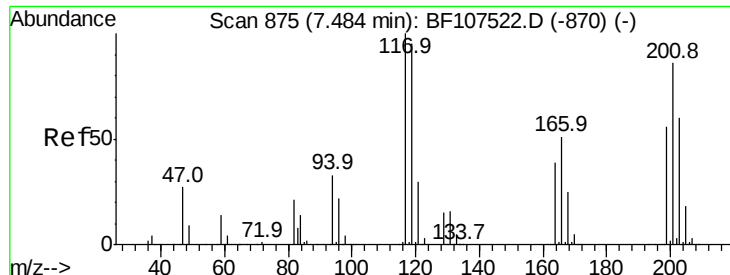
Ion Ratio Lower Upper

79 100

108 27.3 65.1 97.7#

77 95.3 50.6 75.8#

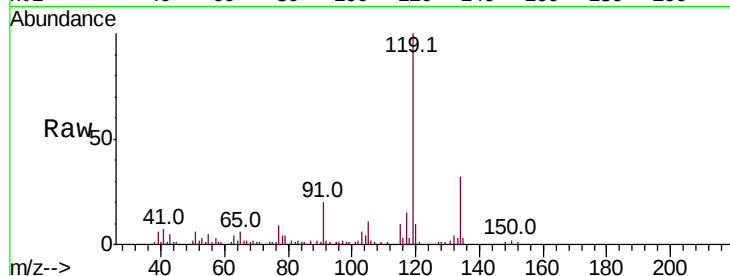




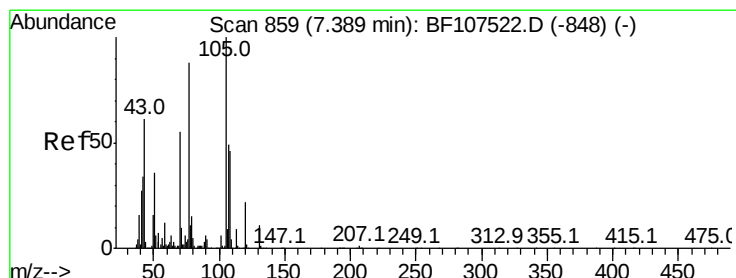
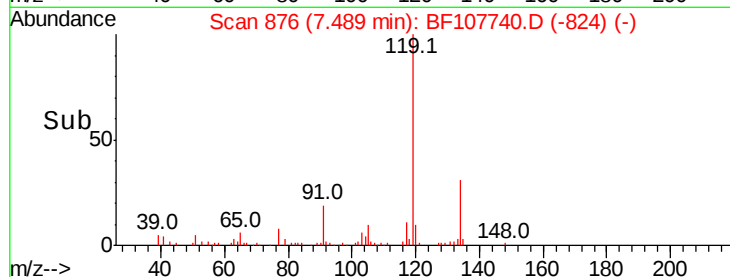
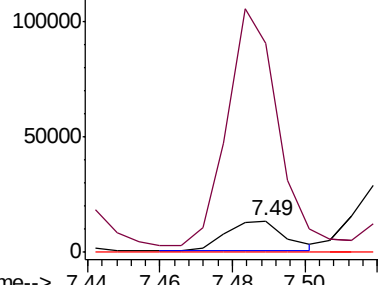
#18
Hexachloroethane
Concen: 3.085 ng
RT: 7.49 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF107740.D
Acq: 27 Jul 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 14643
Ion Ratio Lower Upper
117 100
119 665.2 75.8 113.8#
201 0.0 75.7 113.5#

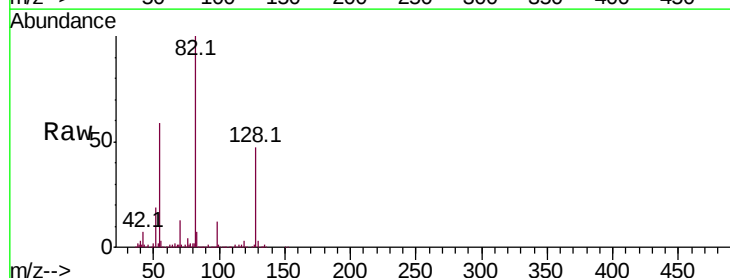


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

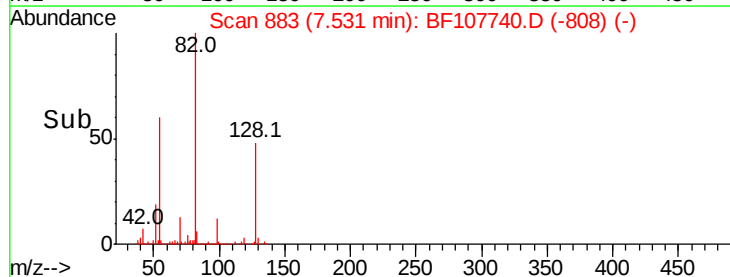
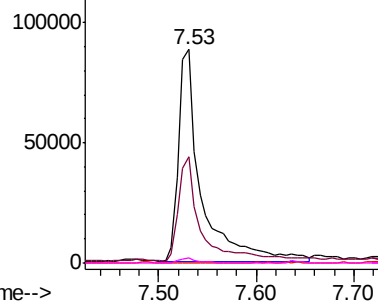


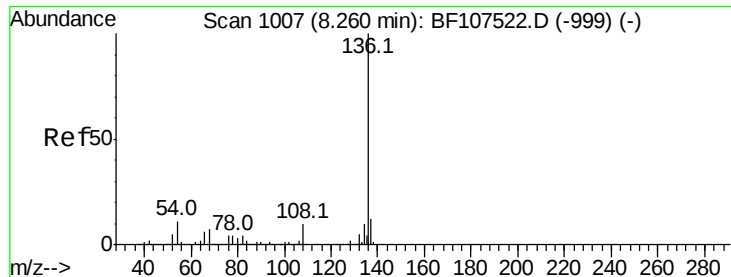
#19
n-Nitroso-di-n-propylamine
Concen: 17.058 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF107740.D
Acq: 27 Jul 2018 10:49

Tgt Ion: 70 Resp: 143834
Ion Ratio Lower Upper
70 100
42 49.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

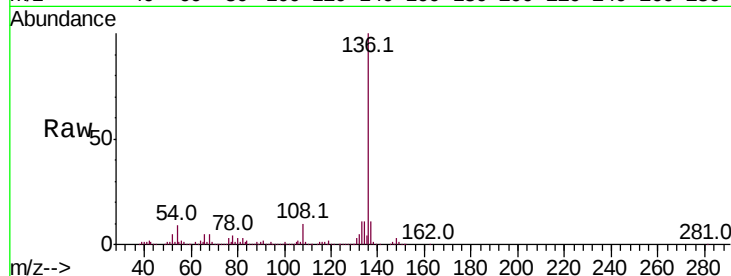




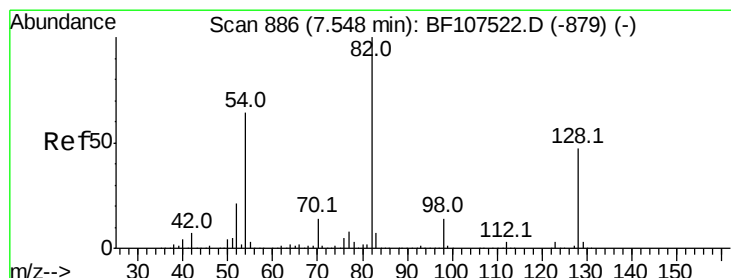
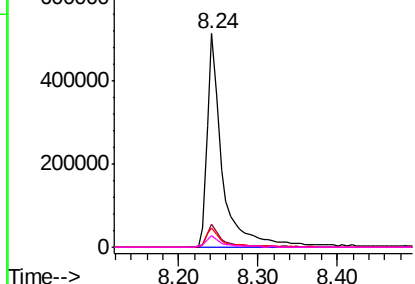
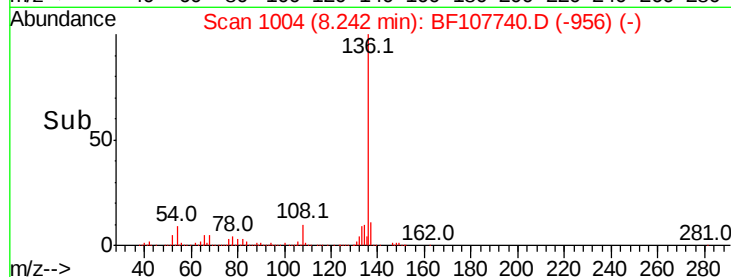
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107740.D
Acq: 27 Jul 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	696087
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 9.0	6.6	9.8
68 5.1	5.0	7.4

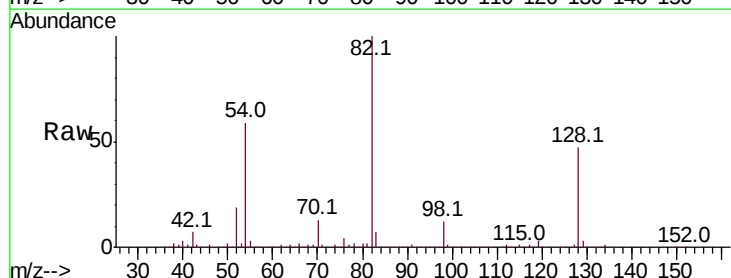


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

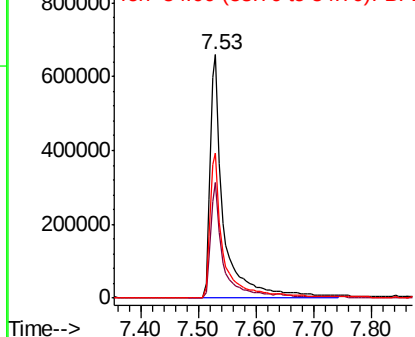
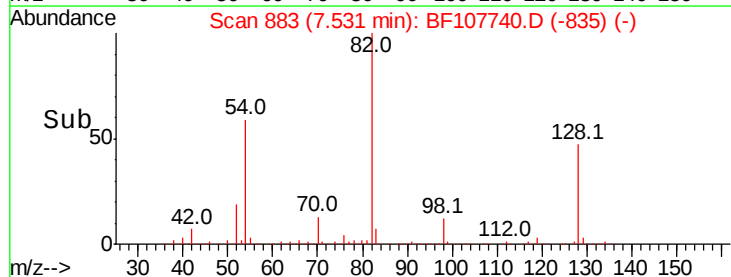


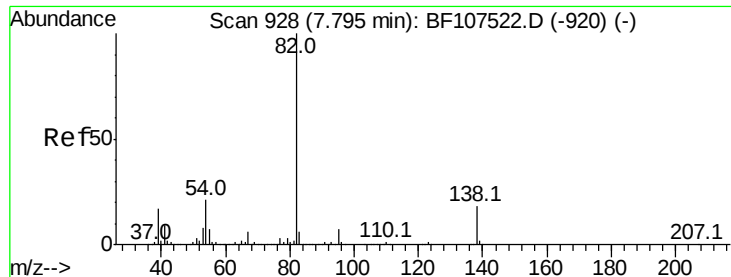
#23
Nitrobenzene-d5
Concen: 105.999 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107740.D
Acq: 27 Jul 2018 10:49

Tgt Ion: 82	Resp: 1093308
Ion Ratio	Lower Upper
82 100	
128 47.4	36.1 54.1
54 59.5	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.445 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF107740.D

Acq: 27 Jul 2018 10:49

Instrument :

BNA_F

ClientSampled :

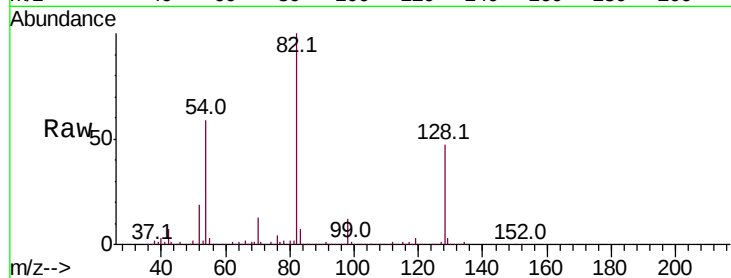
Tot Ion: 82 Resp: 1088925

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

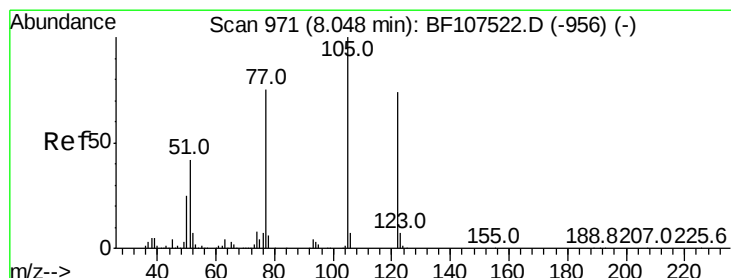
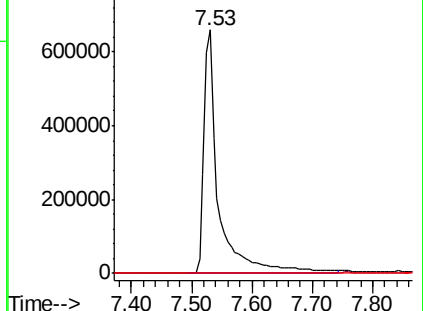
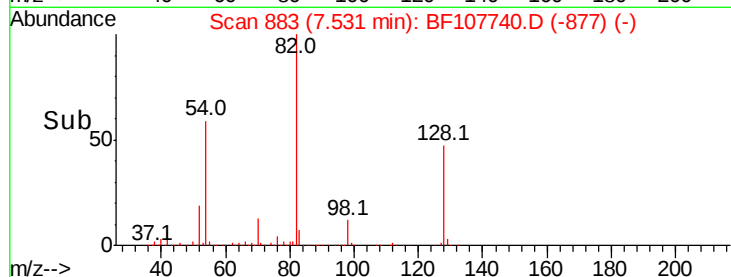
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 7.969 ng

RT: 8.04 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF107740.D

Acq: 27 Jul 2018 10:49

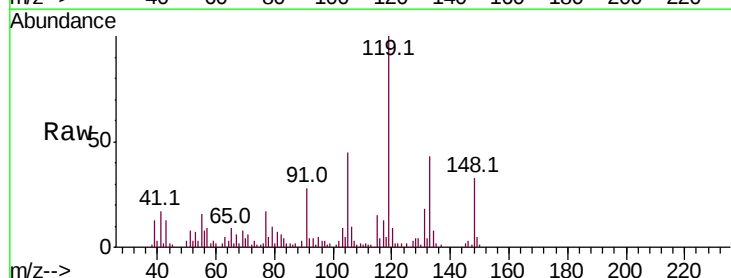
Tgt Ion: 122 Resp: 546

Ion Ratio Lower Upper

122 100

105 2963.6 101.1 141.1#

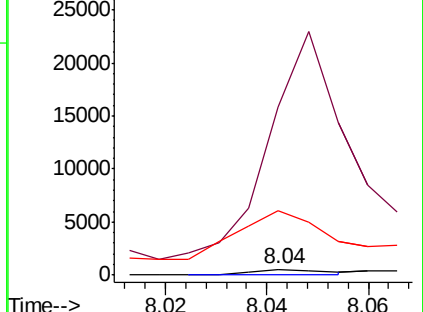
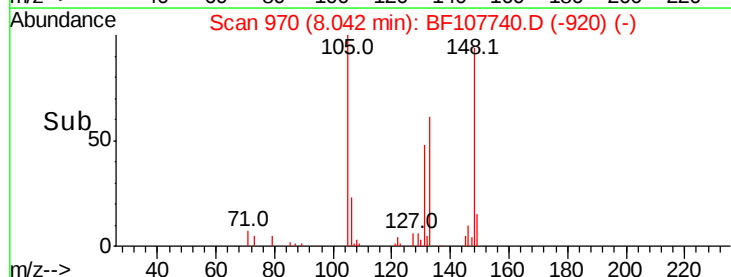
77 1131.9 70.7 110.7#

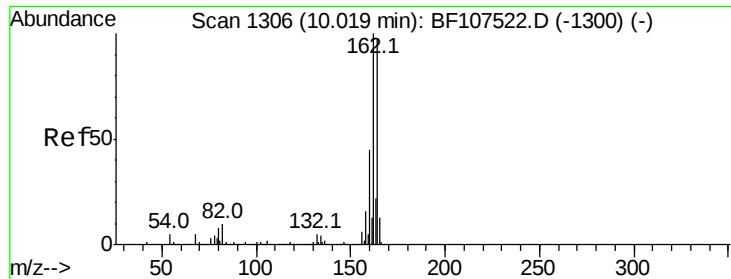


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

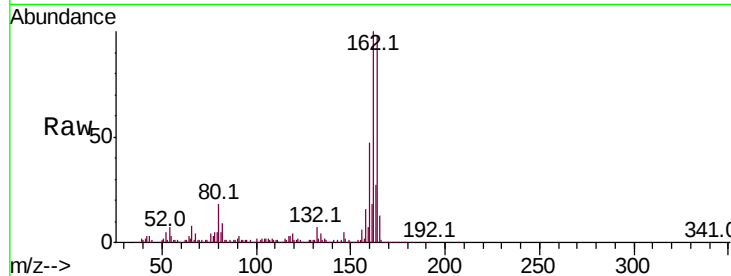




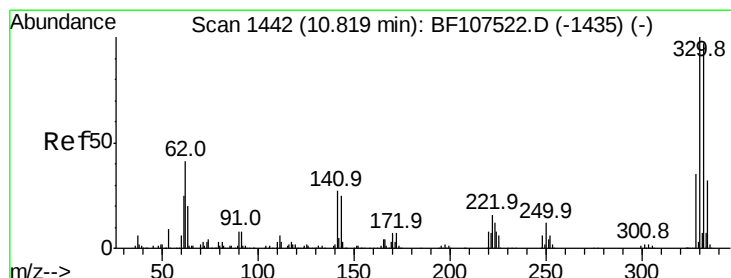
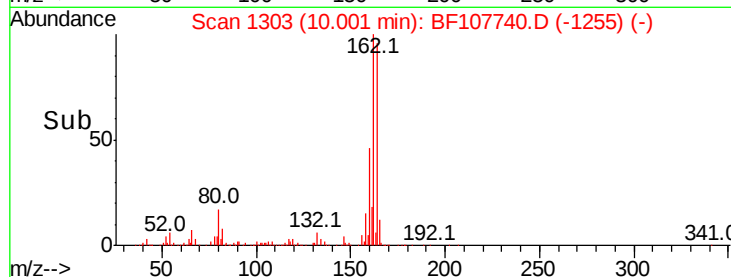
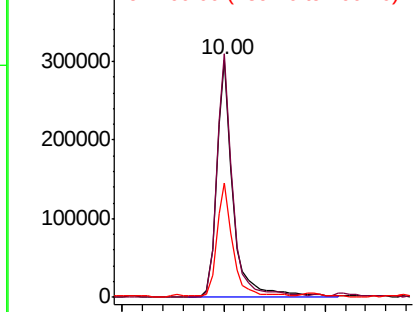
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107740.D
Acq: 27 Jul 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 331977
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 47.9 38.3 57.5

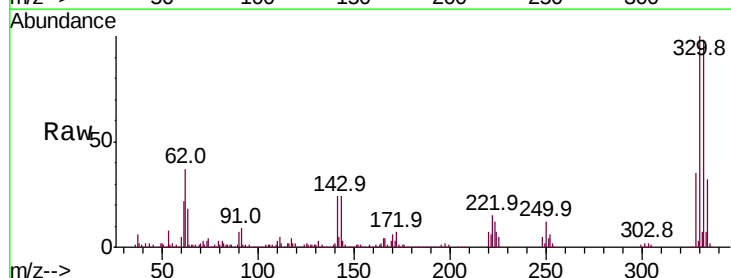


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

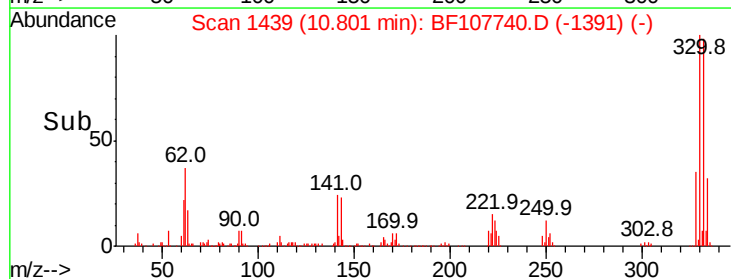
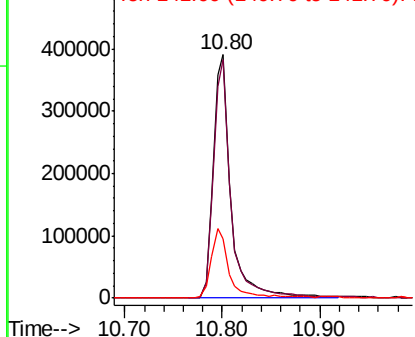


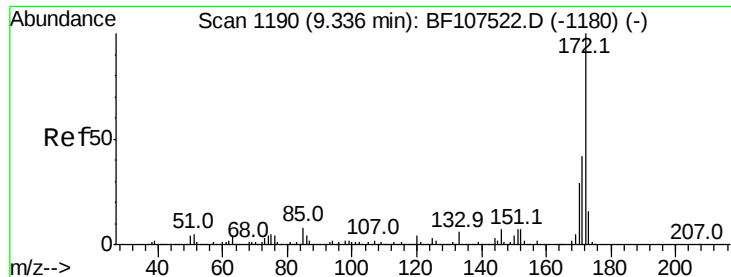
#41
2,4,6-Tribromophenol
Concen: 129.915 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107740.D
Acq: 27 Jul 2018 10:49

Tgt Ion:330 Resp: 490443
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.6
141 29.0 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

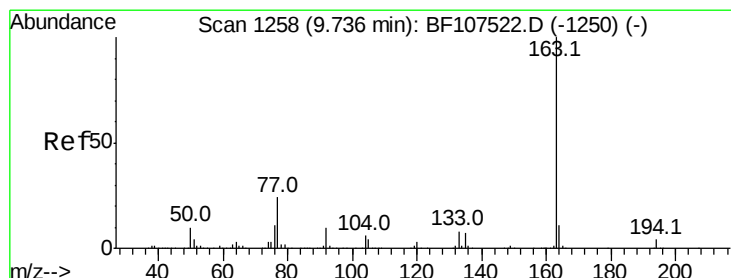
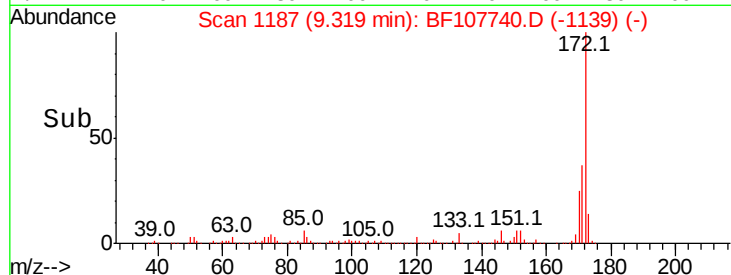
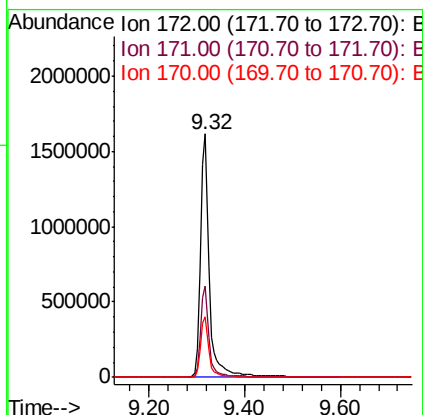
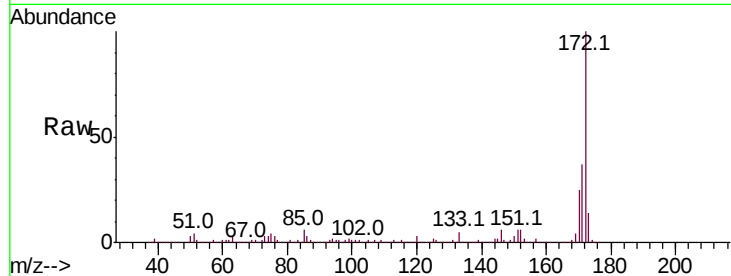




#44
2-Fluorobiphenyl
Concen: 118.983 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107740.D
Acq: 27 Jul 2018 10:49

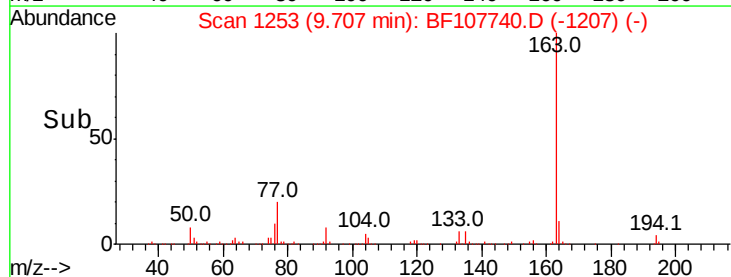
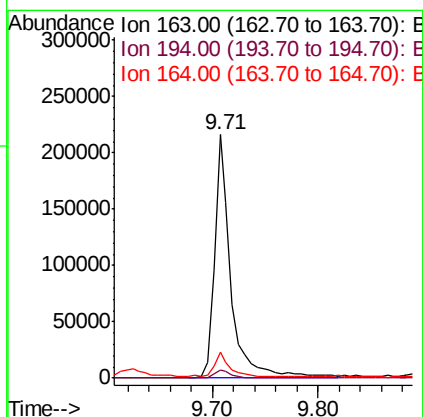
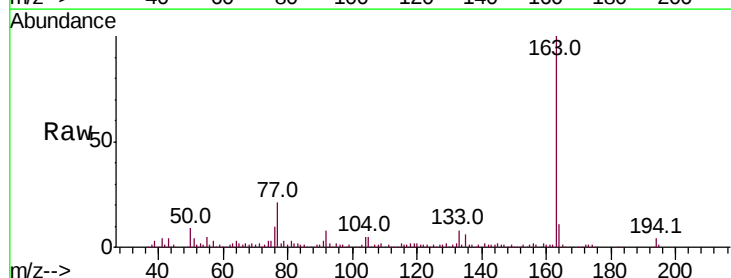
Instrument :
BNA_F
ClientSampleId :

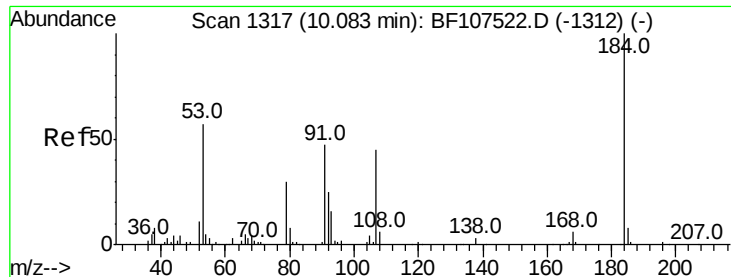
Tot Ion:172 Resp: 2070992
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 25.0 19.6 29.4



#49
Dimethylphthalate
Concen: 9.342 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107740.D
Acq: 27 Jul 2018 10:49

Tgt Ion:163 Resp: 233728
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.9 8.2 12.2

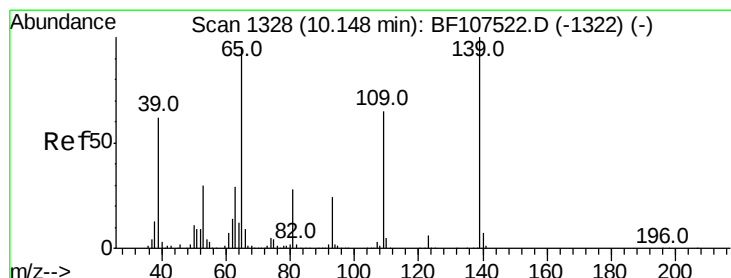
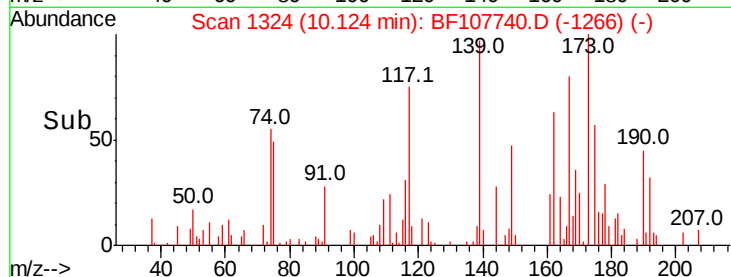
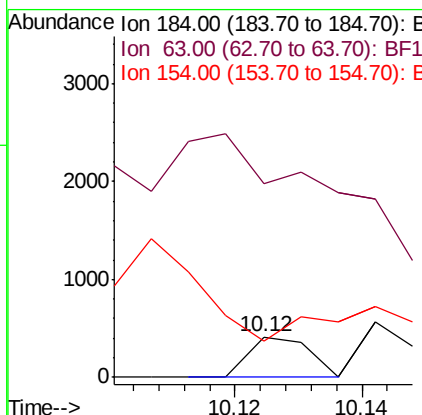
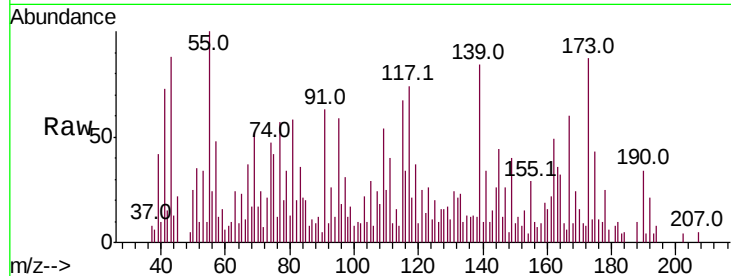




#53
 2,4-Dinitrophenol
 Concen: 8.441 ng
 RT: 10.12 min Scan# 1324
 Delta R.T. 0.04 min
 Lab File: BF107740.D
 Acq: 27 Jul 2018 10:49

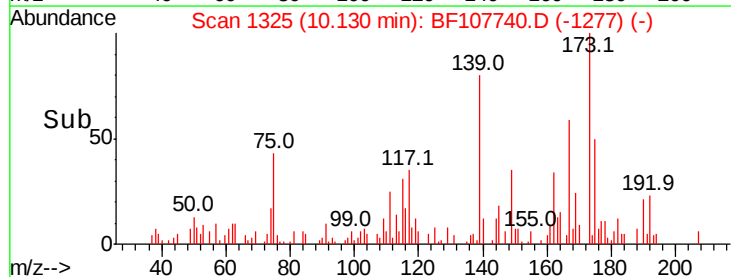
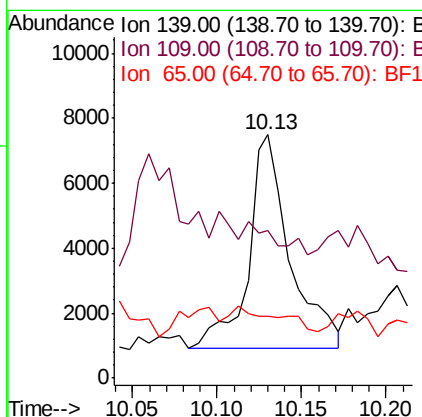
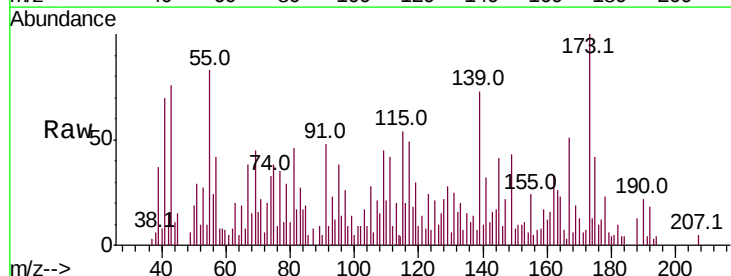
Instrument :
 BNA_F
 ClientSampled :

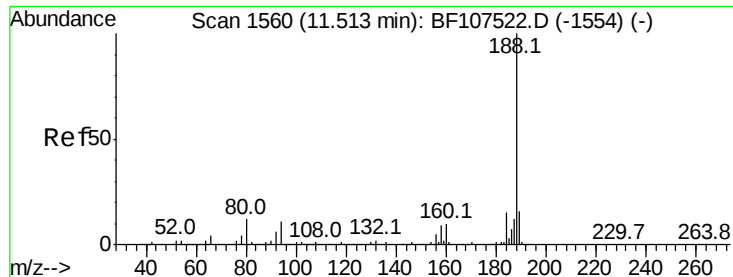
Tot Ion:184 Resp: 273
 Ion Ratio Lower Upper
 184 100
 63 478.9 54.2 81.2#
 154 90.8 184.0 276.0#



#55
 4-Nitrophenol
 Concen: 2.483 ng
 RT: 10.13 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF107740.D
 Acq: 27 Jul 2018 10:49

Tgt Ion:139 Resp: 11234
 Ion Ratio Lower Upper
 139 100
 109 60.9 48.4 88.4
 65 25.7 72.6 112.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF107740.D

Acq: 27 Jul 2018 10:49

Instrument :

BNA_F

ClientSampleId :

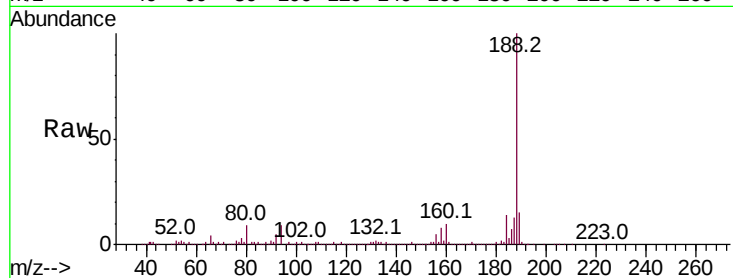
Tot Ion:188 Resp: 549746

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

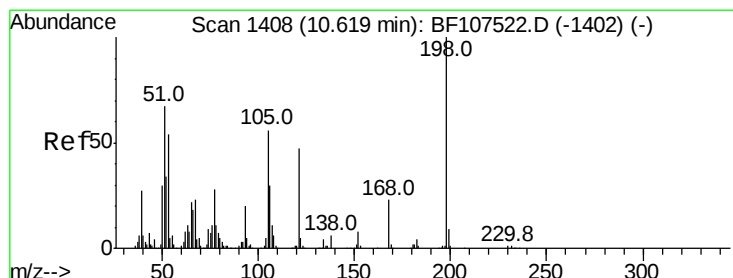
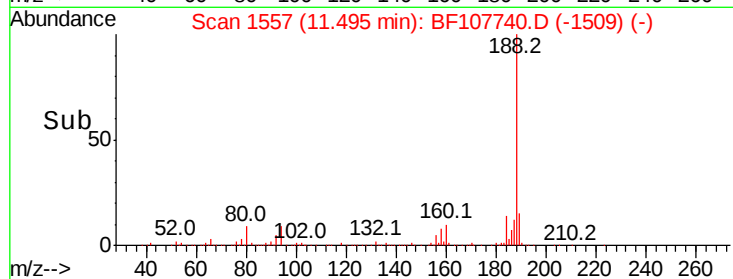
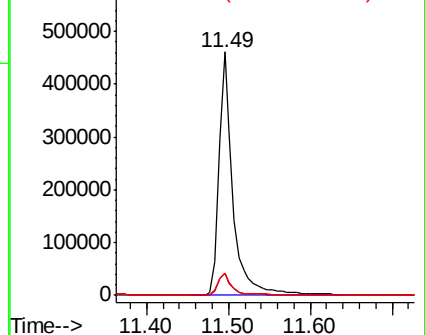
80 9.2 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 9.139 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.18 min

Lab File: BF107740.D

Acq: 27 Jul 2018 10:49

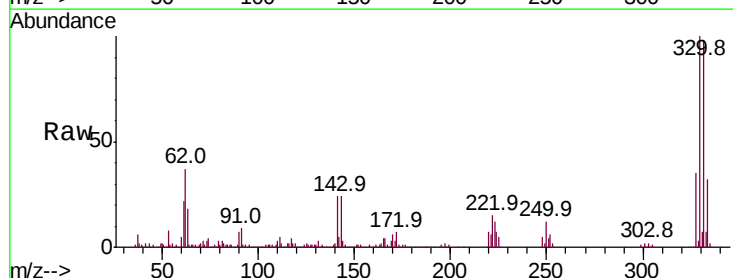
Tgt Ion:198 Resp: 1484

Ion Ratio Lower Upper

198 100

51 217.8 37.7 77.7#

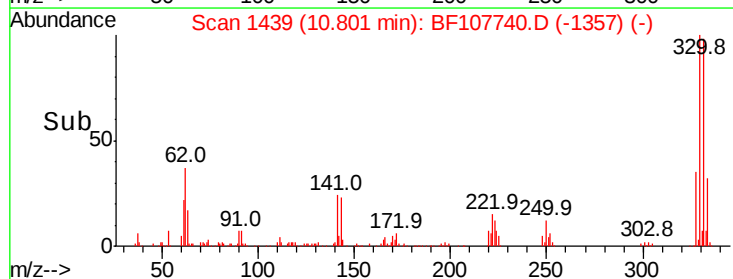
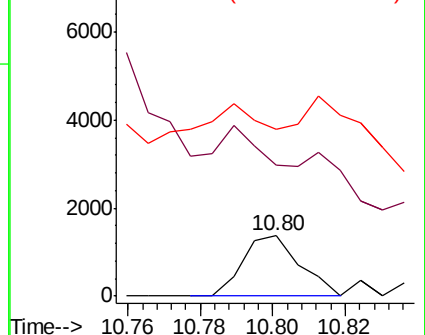
105 275.7 36.3 76.3#

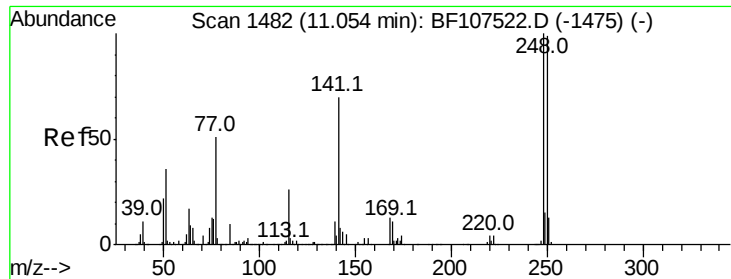


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

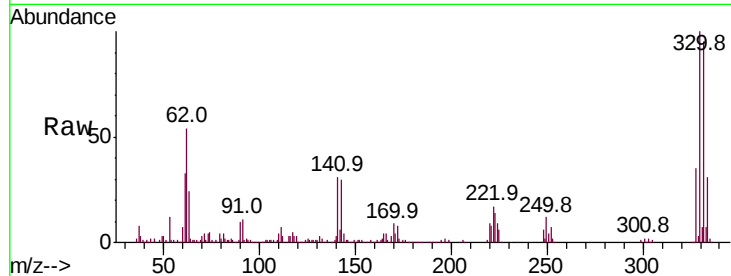




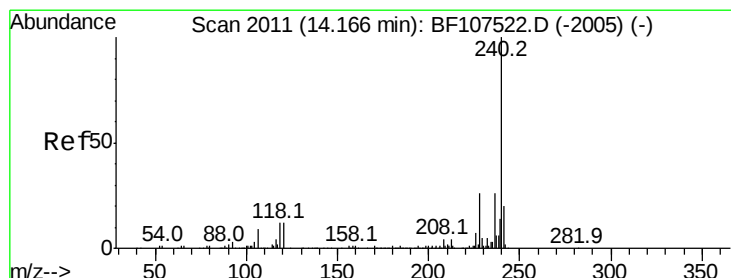
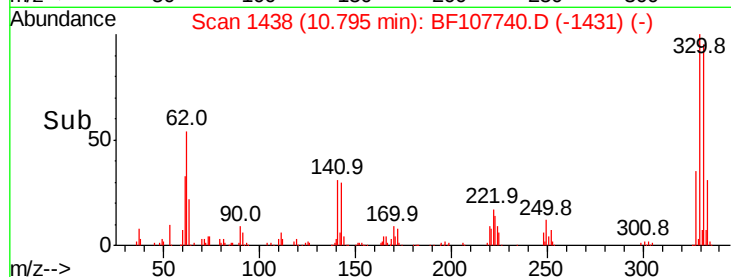
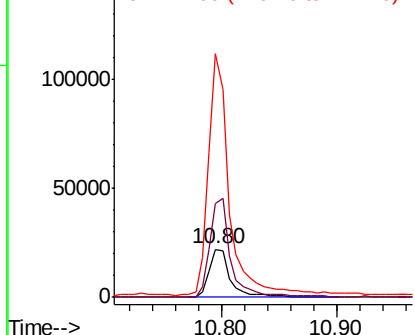
#66
4-Bromophenyl-phenylether
Concen: 4.490 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107740.D
Acq: 27 Jul 2018 10:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 29055
Ion Ratio Lower Upper
248 100
250 197.6 76.9 115.3#
141 509.9 74.4 111.6#

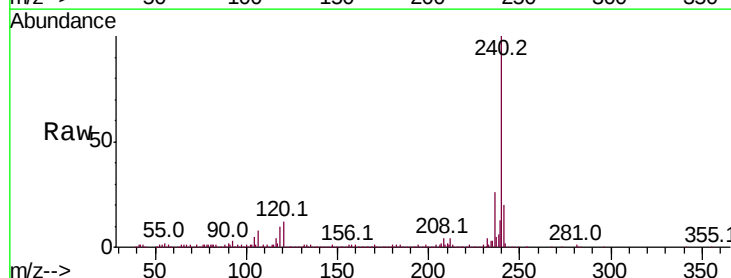


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

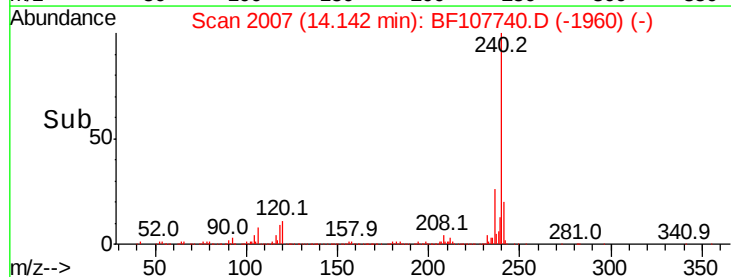
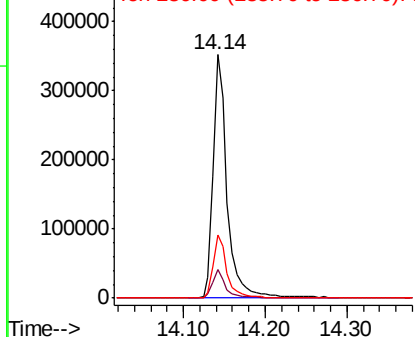


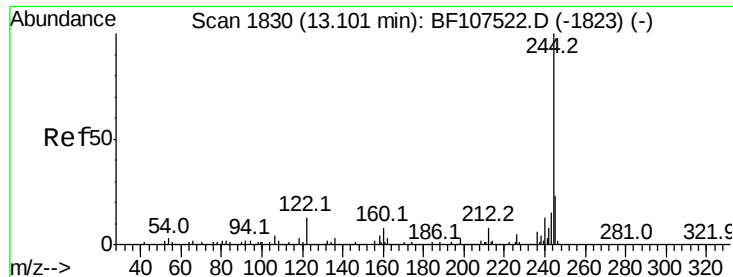
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107740.D
Acq: 27 Jul 2018 10:49

Tgt Ion:240 Resp: 414821
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 26.0 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



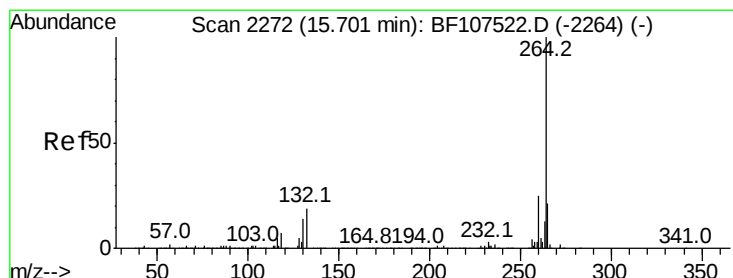
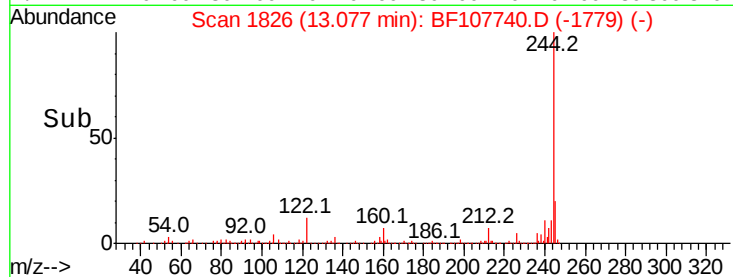
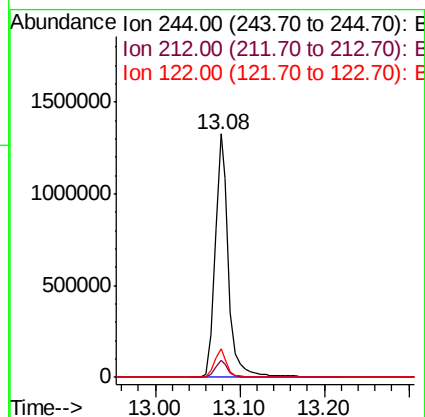
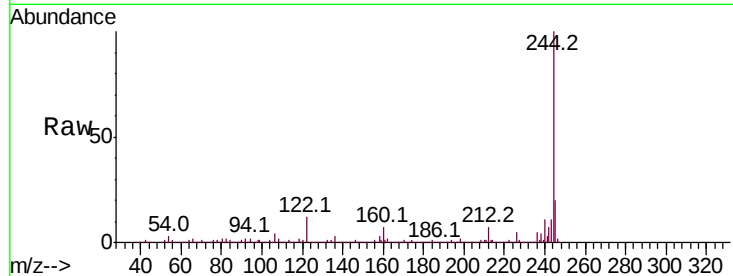


#78
 Terphenyl-d14
 Concen: 92.332 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF107740.D
 Acq: 27 Jul 2018 10:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1496095

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.9	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF107740.D
 Acq: 27 Jul 2018 10:49

Tgt Ion:264 Resp: 426610

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.5	26.3

