

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109747.D
 Acq On : 10 Oct 2018 17:27
 Operator : JU/SJ
 Sample : J5369-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 18:02:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

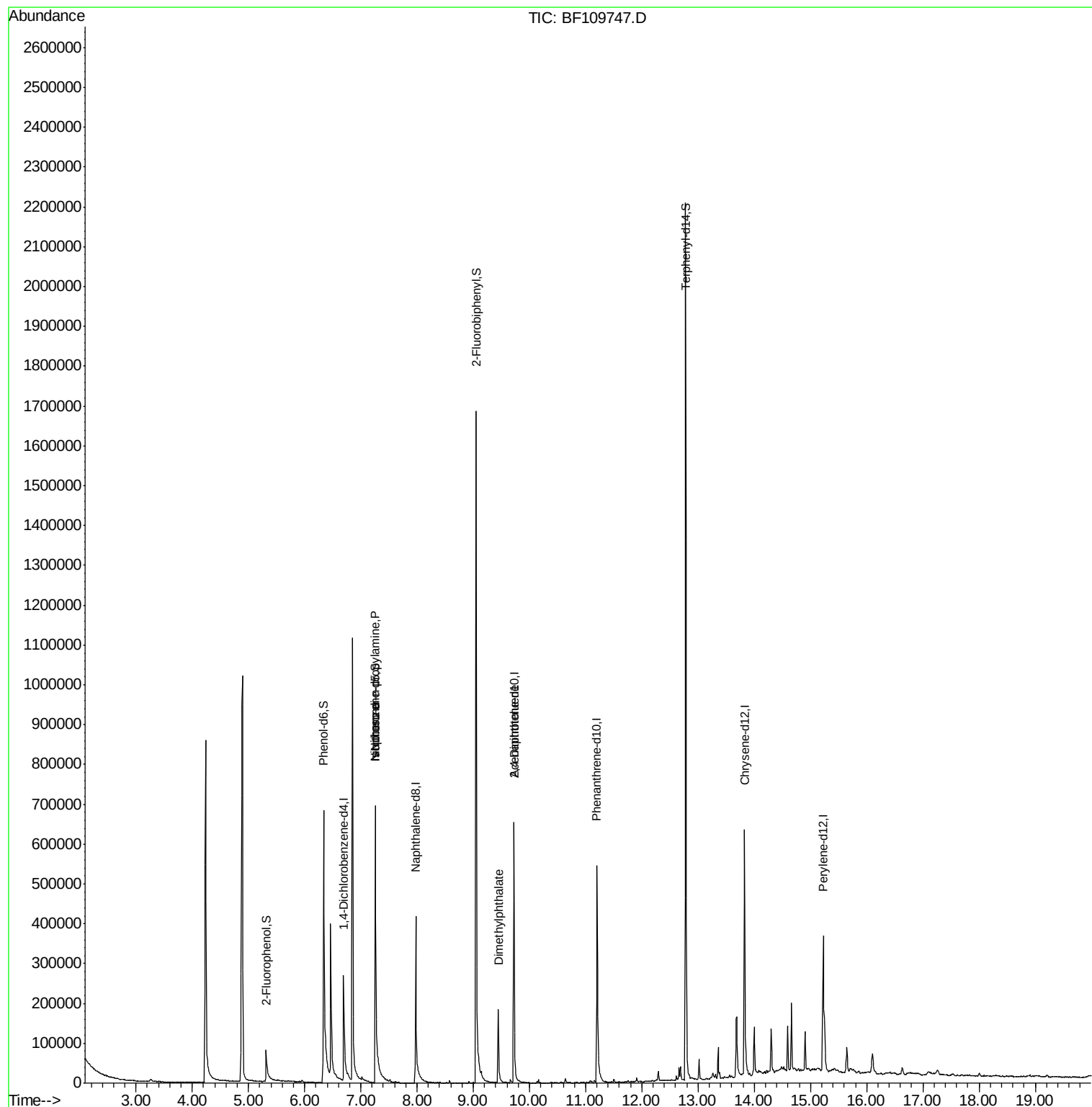
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	70844	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	313988	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	153454	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	324709	20.00	ng	0.00
75) Chrysene-d12	13.83	240	270136	20.00	ng	0.00
86) Perylene-d12	15.23	264	214584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	52545	13.17	ng	0.00
7) Phenol-d6	6.34	99	407548	76.44	ng	-0.02
23) Nitrobenzene-d5	7.26	82	373617	65.59	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.05	172	743470	66.73	ng	0.00
78) Terphenyl-d14	12.78	244	832712	59.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	47953	12.825	ng	# 79
25) Isophorone	7.26	82	373617	39.500	ng	# 67
49) Dimethylphthalate	9.45	163	110742	9.840	ng	99
56) 2,4-Dinitrotoluene	9.72	165	19089	6.270	ng	# 17

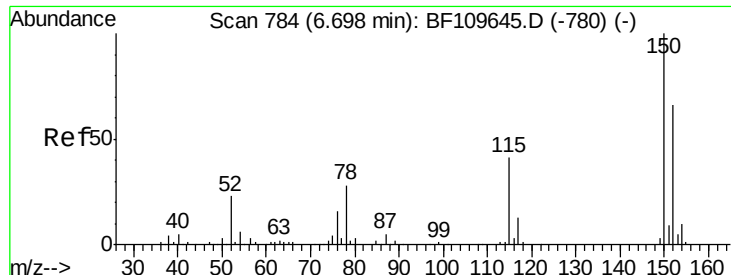
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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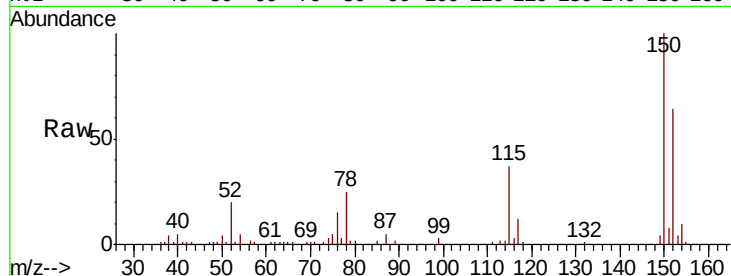


#1

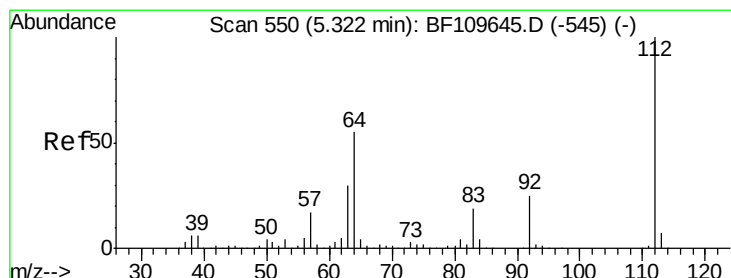
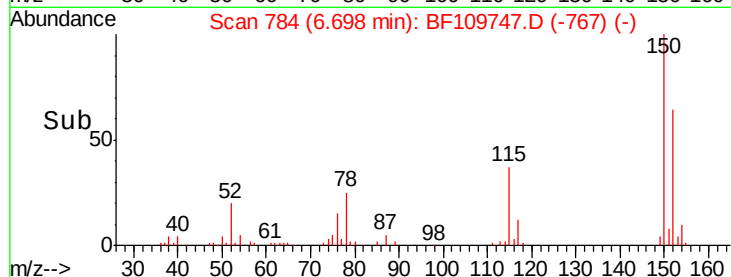
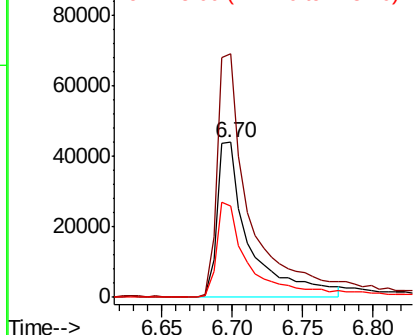
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109747.D
Acq: 10 Oct 2018 17:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 70844
Ion Ratio Lower Upper
152 100
150 156.8 122.7 184.1
115 58.8 49.1 73.7



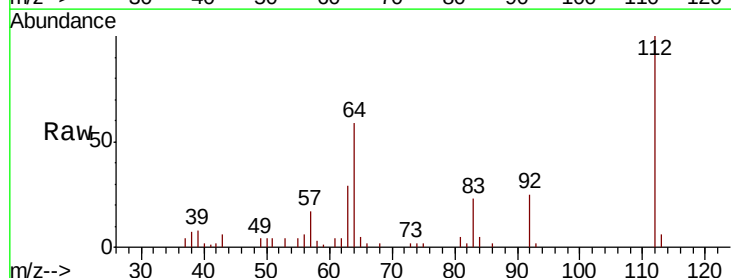
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



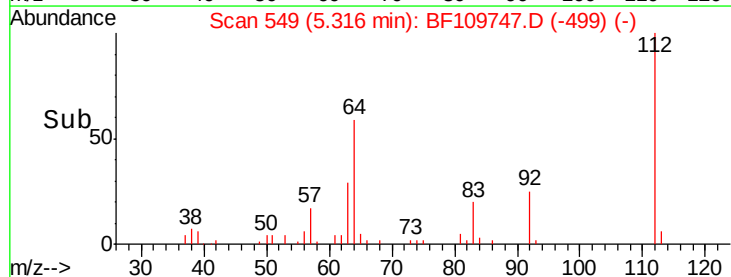
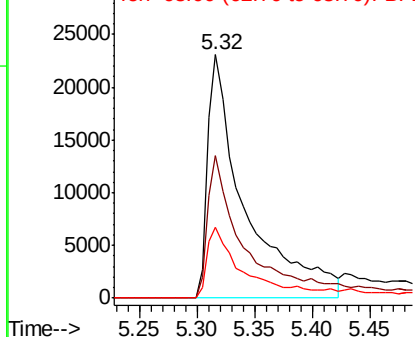
#5

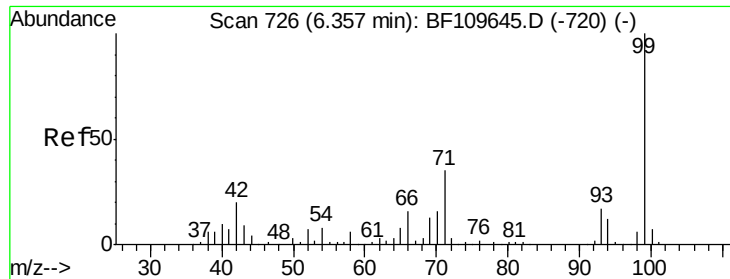
2-Fluorophenol
Concen: 13.165 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109747.D
Acq: 10 Oct 2018 17:27

Tgt Ion:112 Resp: 52545
Ion Ratio Lower Upper
112 100
64 58.7 44.1 66.1
63 29.1 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: 76.438 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109747.D

Acq: 10 Oct 2018 17:27

Instrument :

BNA_F

ClientSampleId :

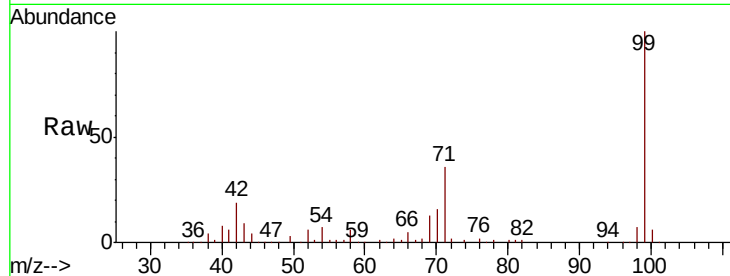
Tot Ion: 99 Resp: 407548

Ion Ratio Lower Upper

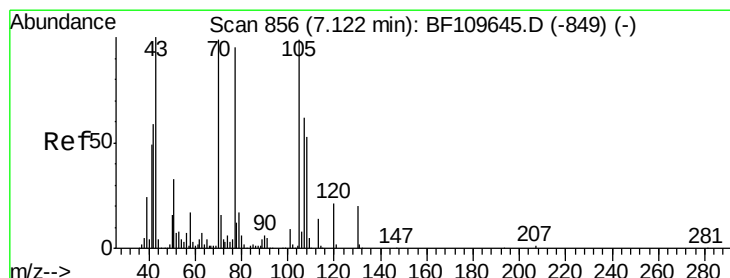
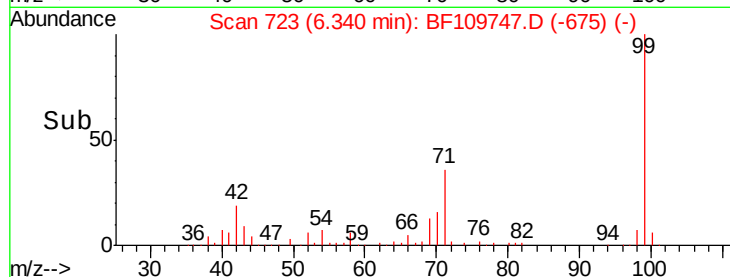
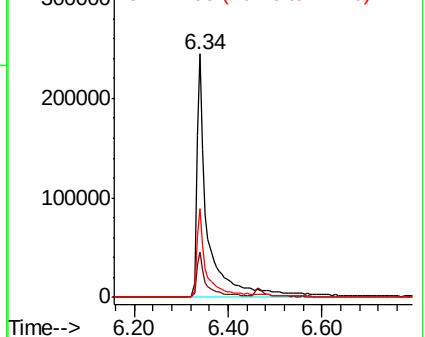
99 100

42 18.7 15.8 23.6

71 36.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.825 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109747.D

Acq: 10 Oct 2018 17:27

Tgt Ion: 70 Resp: 47953

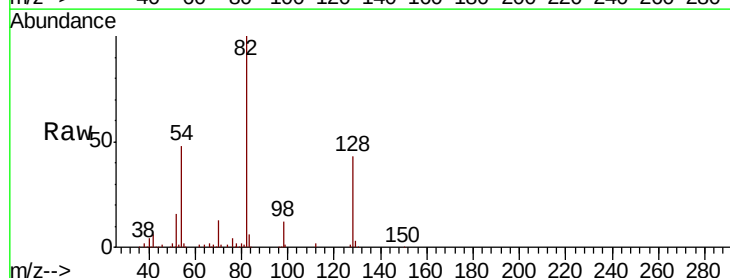
Ion Ratio Lower Upper

70 100

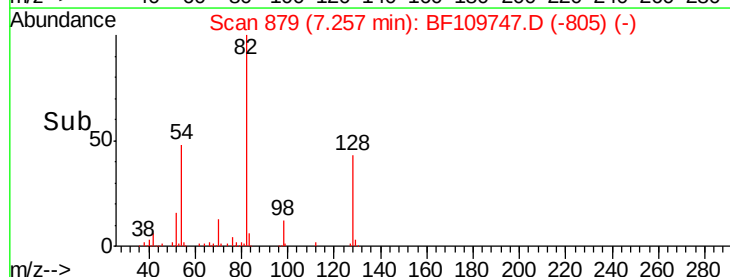
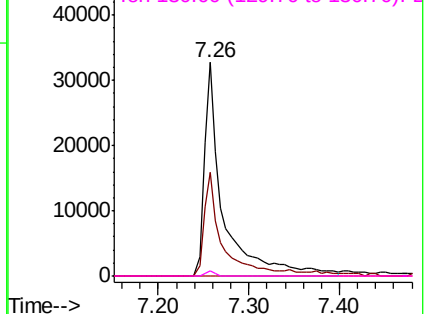
42 48.4 47.4 71.2

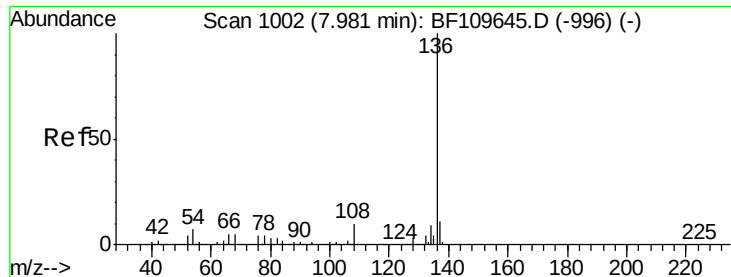
101 0.0 7.3 10.9#

130 2.4 16.2 24.2#



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): BF1
Ion 130.00 (129.70 to 130.70): BF1

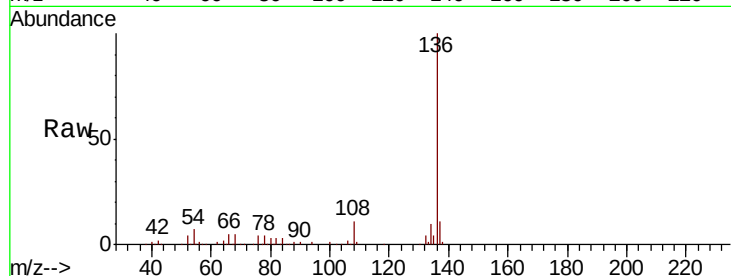




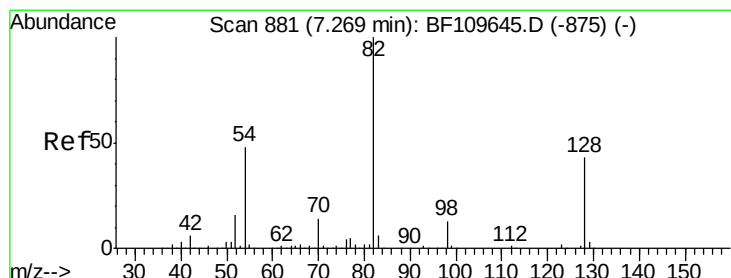
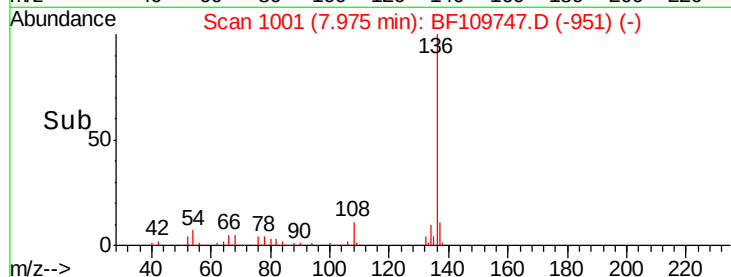
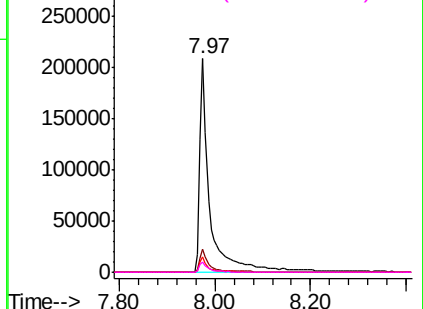
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109747.D
Acq: 10 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	313988
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.8 13.2
54	6.9	5.4 8.2
68	5.1	4.2 6.2

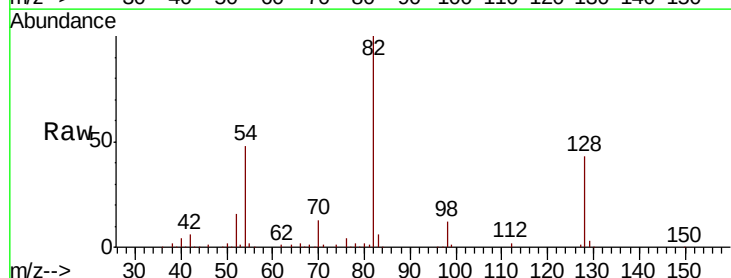


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

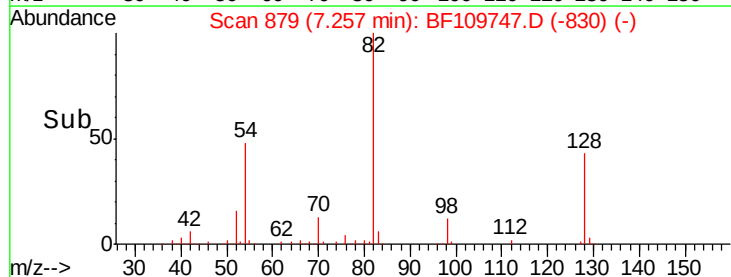
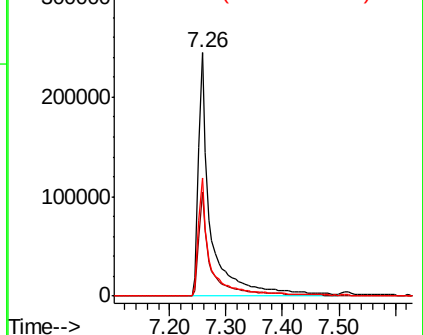


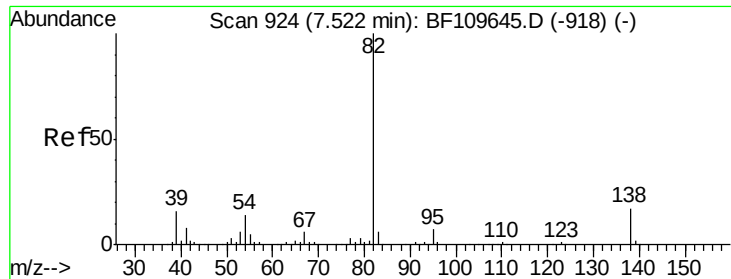
#23
Nitrobenzene-d5
Concen: 65.592 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109747.D
Acq: 10 Oct 2018 17:27

Tgt Ion: 82	Resp:	373617
Ion	Ratio	Lower Upper
82	100	
128	42.8	34.2 51.2
54	48.4	38.6 58.0



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

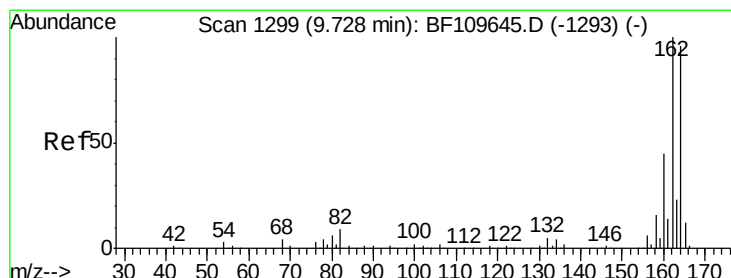
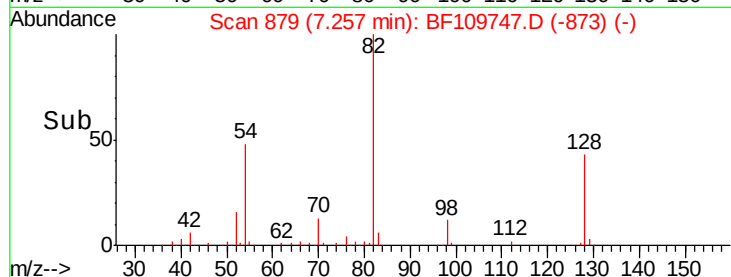
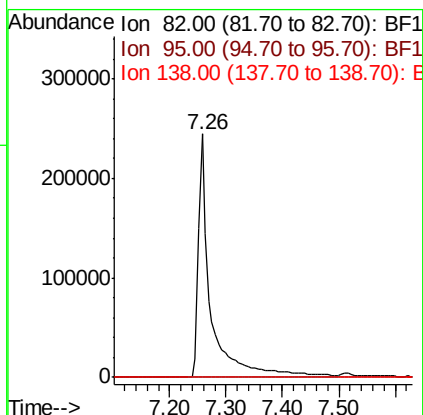
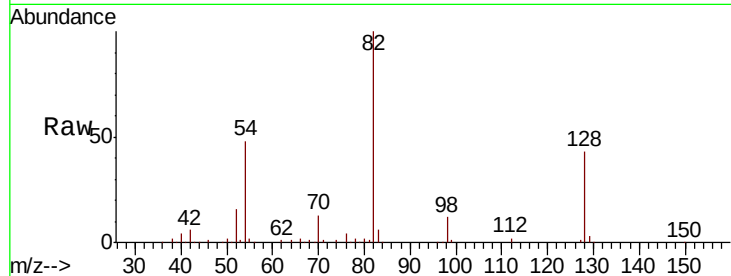




#25
Isophorone
Concen: 39.500 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109747.D
Acq: 10 Oct 2018 17:27

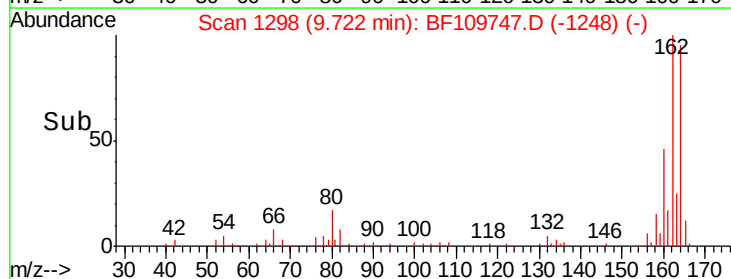
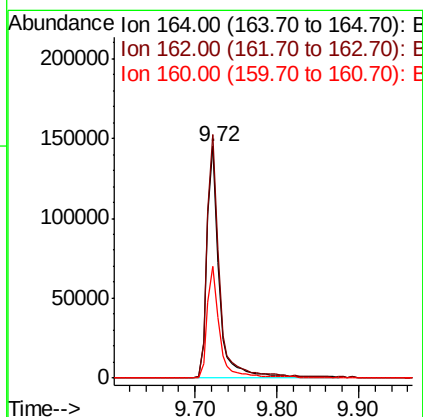
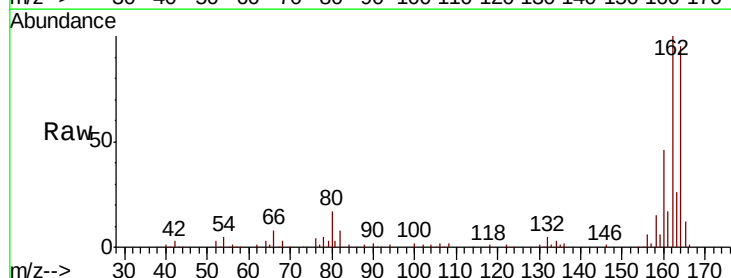
Instrument :
BNA_F
ClientSampleId :

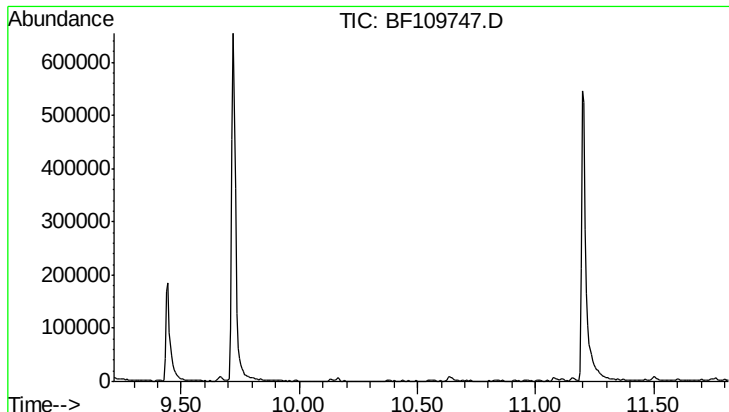
Tot Ion: 82 Resp: 373617
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109747.D
Acq: 10 Oct 2018 17:27

Tgt Ion: 164 Resp: 153454
Ion Ratio Lower Upper
164 100
162 105.0 83.0 124.6
160 47.9 37.0 55.6

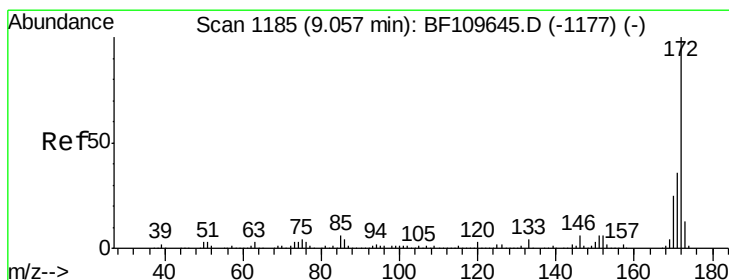
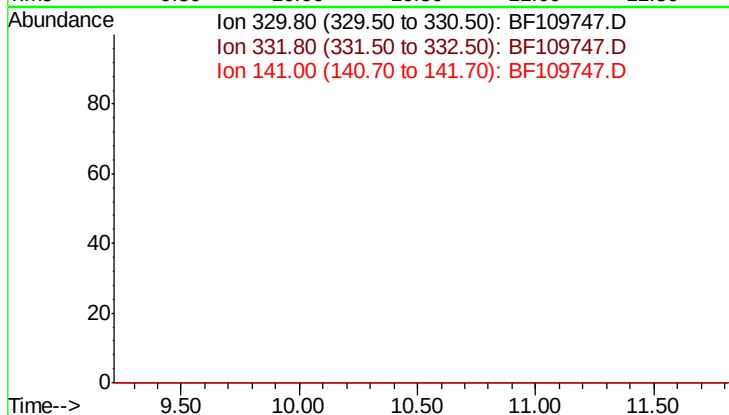




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.52 min
 Lab File: BF109747.D
 Acq: 10 Oct 2018 17:27

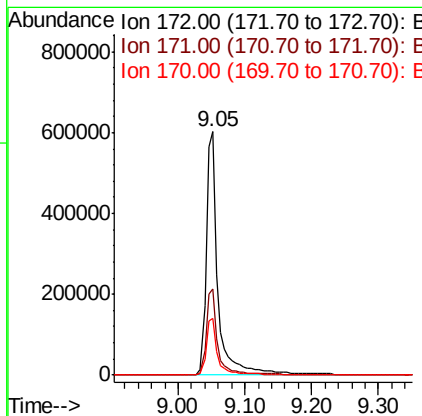
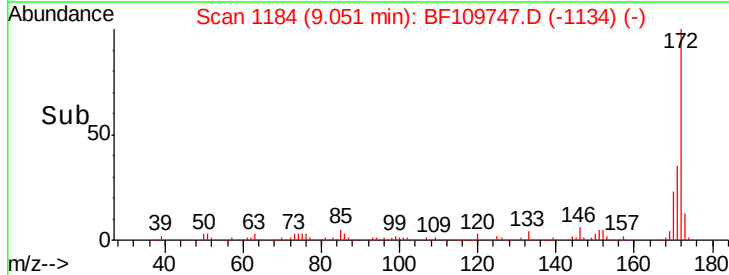
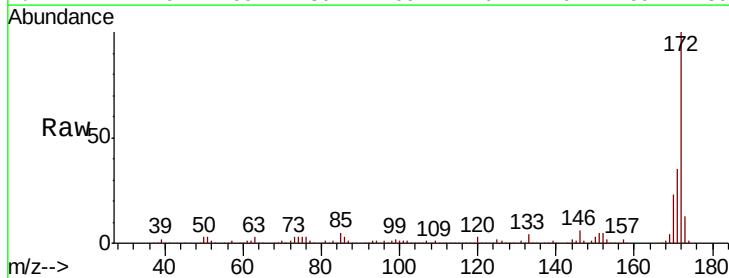
Instrument :
 BNA_F
 ClientSampleId :

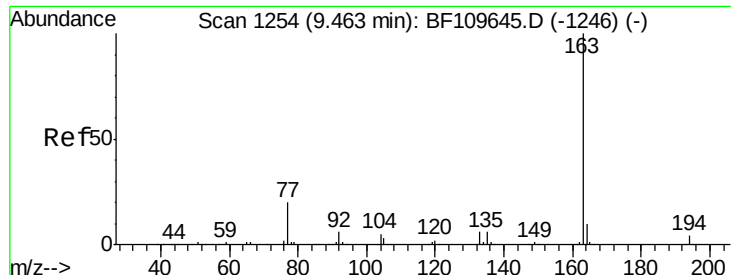
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.4
 141 33.7



#44
 2-Fluorobiphenyl
 Concen: 66.727 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109747.D
 Acq: 10 Oct 2018 17:27

Tgt Ion: 172 Resp: 743470
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.5 19.7 29.5

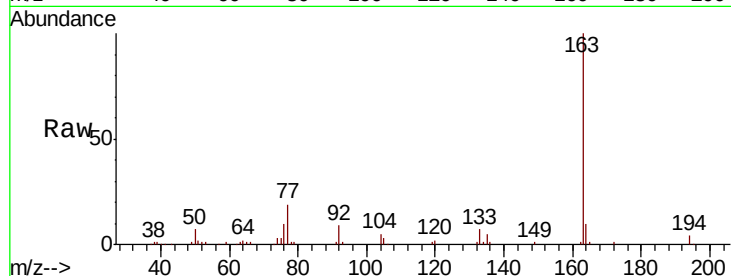




#49
Dimethylphthalate
Concen: 9.840 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109747.D
Acq: 10 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.9	8.1	12.1

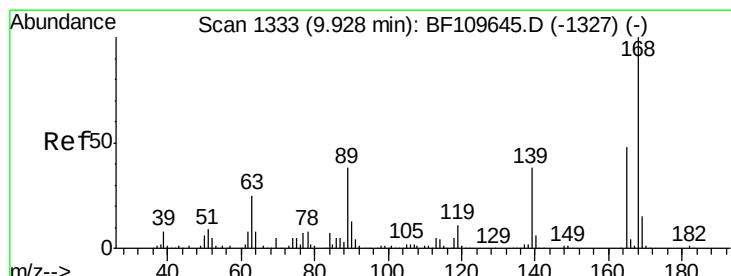
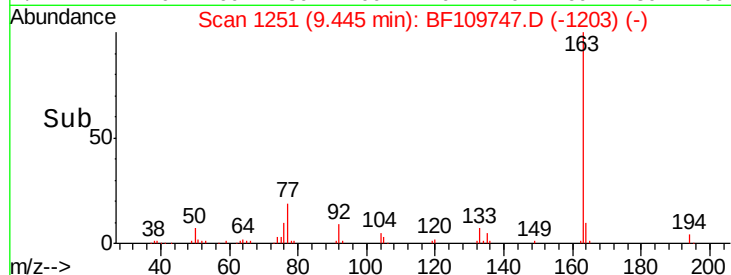
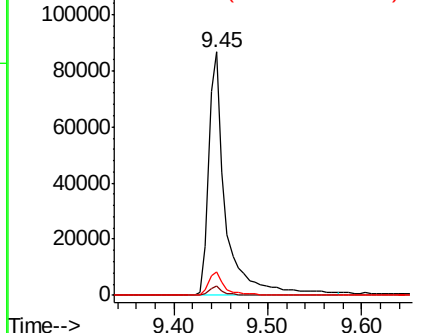


Abundance

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



#56
2,4-Dinitrotoluene
Concen: 6.270 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109747.D
Acq: 10 Oct 2018 17:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

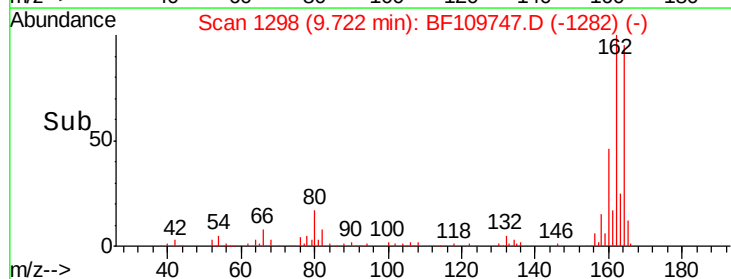
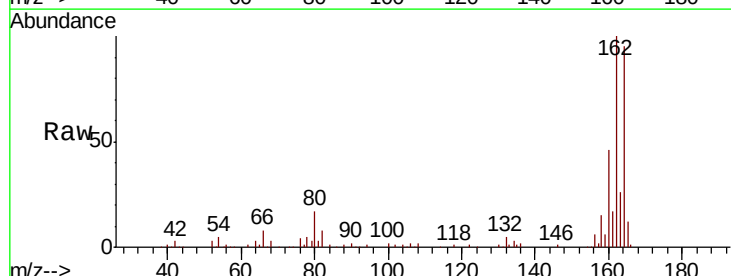
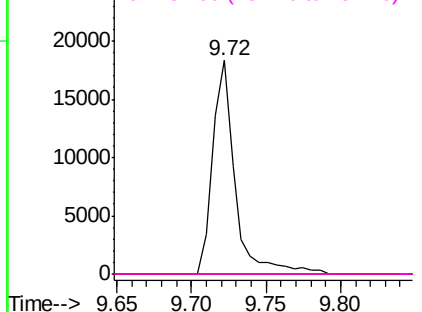
Abundance

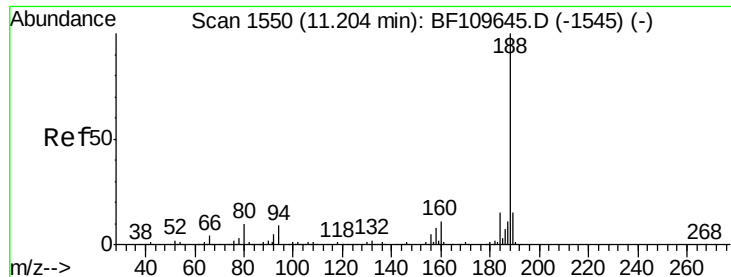
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF109747.D

Acq: 10 Oct 2018 17:27

Instrument :

BNA_F

ClientSampled :

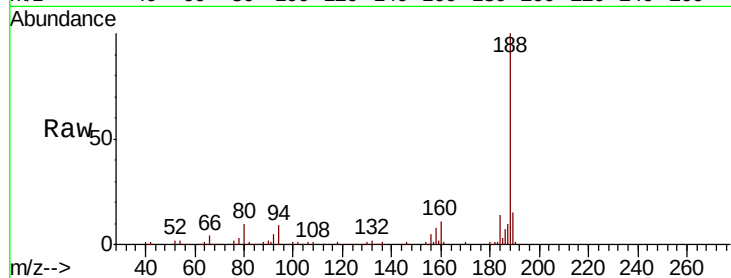
Tot Ion:188 Resp: 324709

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

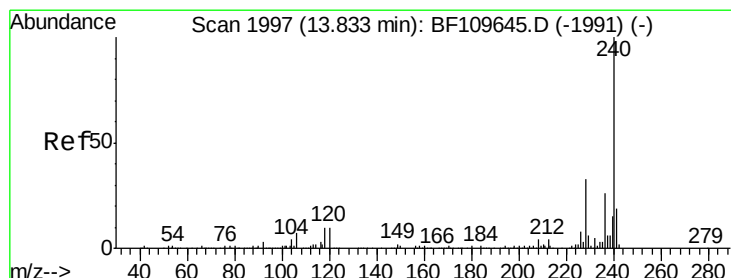
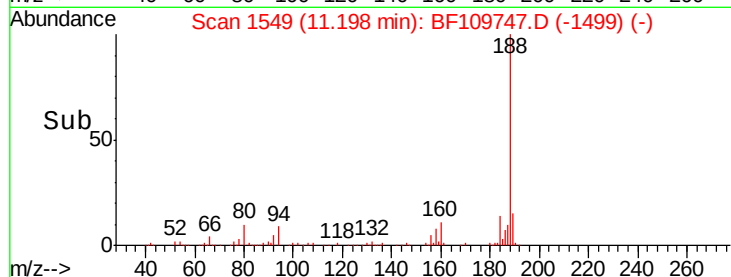
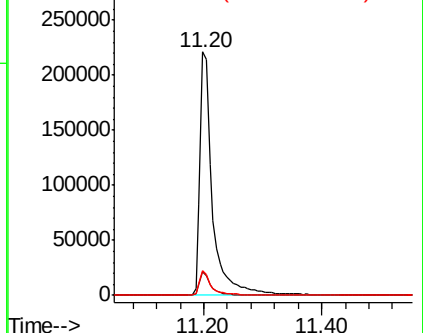
80 10.4 7.9 11.9



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109747.D

Acq: 10 Oct 2018 17:27

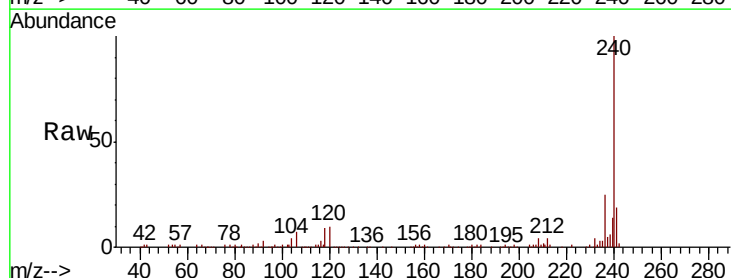
Tgt Ion:240 Resp: 270136

Ion Ratio Lower Upper

240 100

120 9.6 8.3 12.5

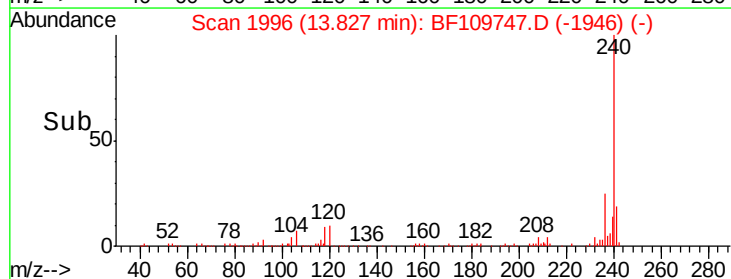
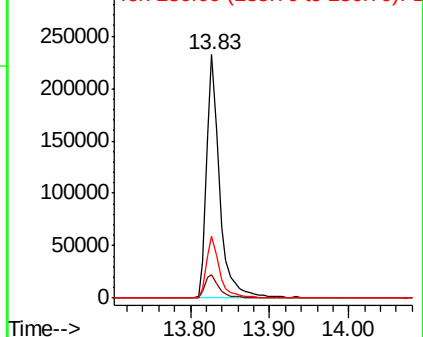
236 25.2 21.2 31.8

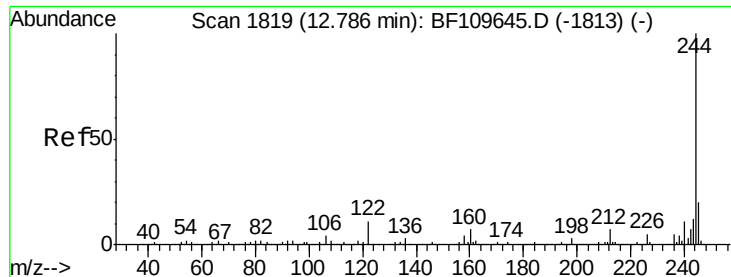


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 59.673 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109747.D

Acq: 10 Oct 2018 17:27

Instrument :

BNA_F

ClientSampleId :

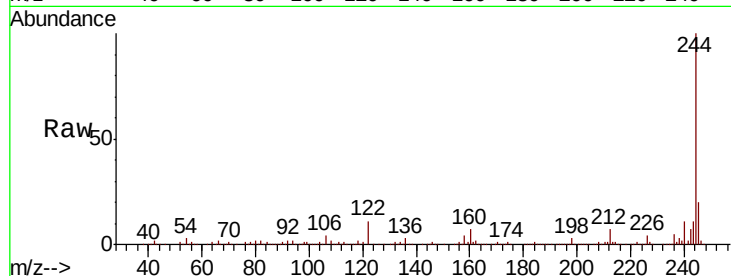
Tot Ion:244 Resp: 832712

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

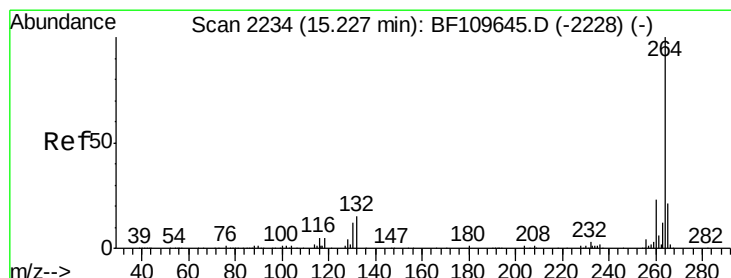
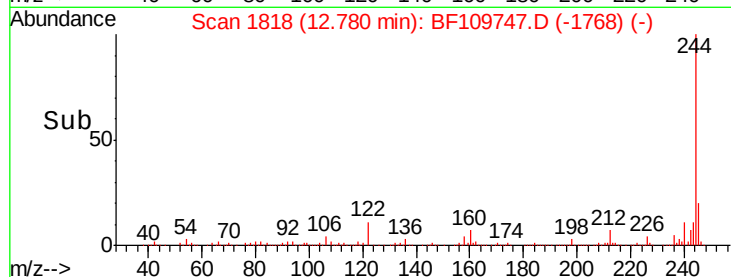
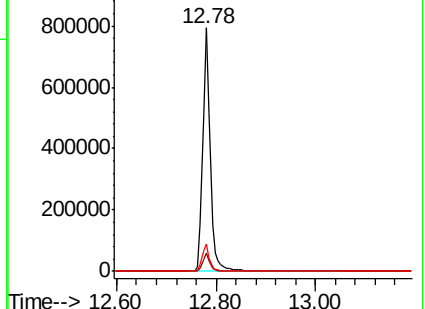
122 11.4 8.7 13.1



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: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BF109747.D

Acq: 10 Oct 2018 17:27

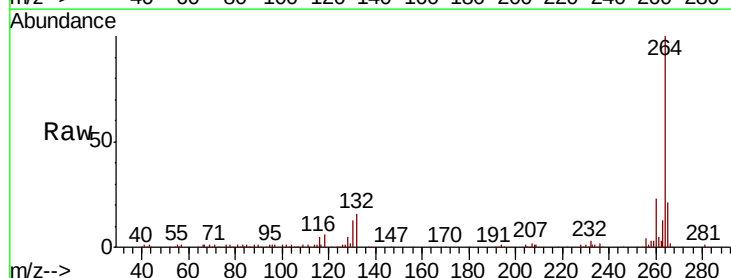
Tgt Ion:264 Resp: 214584

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 20.6 16.7 25.1



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

