

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
 Data File : BF109629.D
 Acq On : 6 Oct 2018 00:48
 Operator : JU/SJ
 Sample : J5195-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-100418

Quant Time: Oct 06 05:58:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

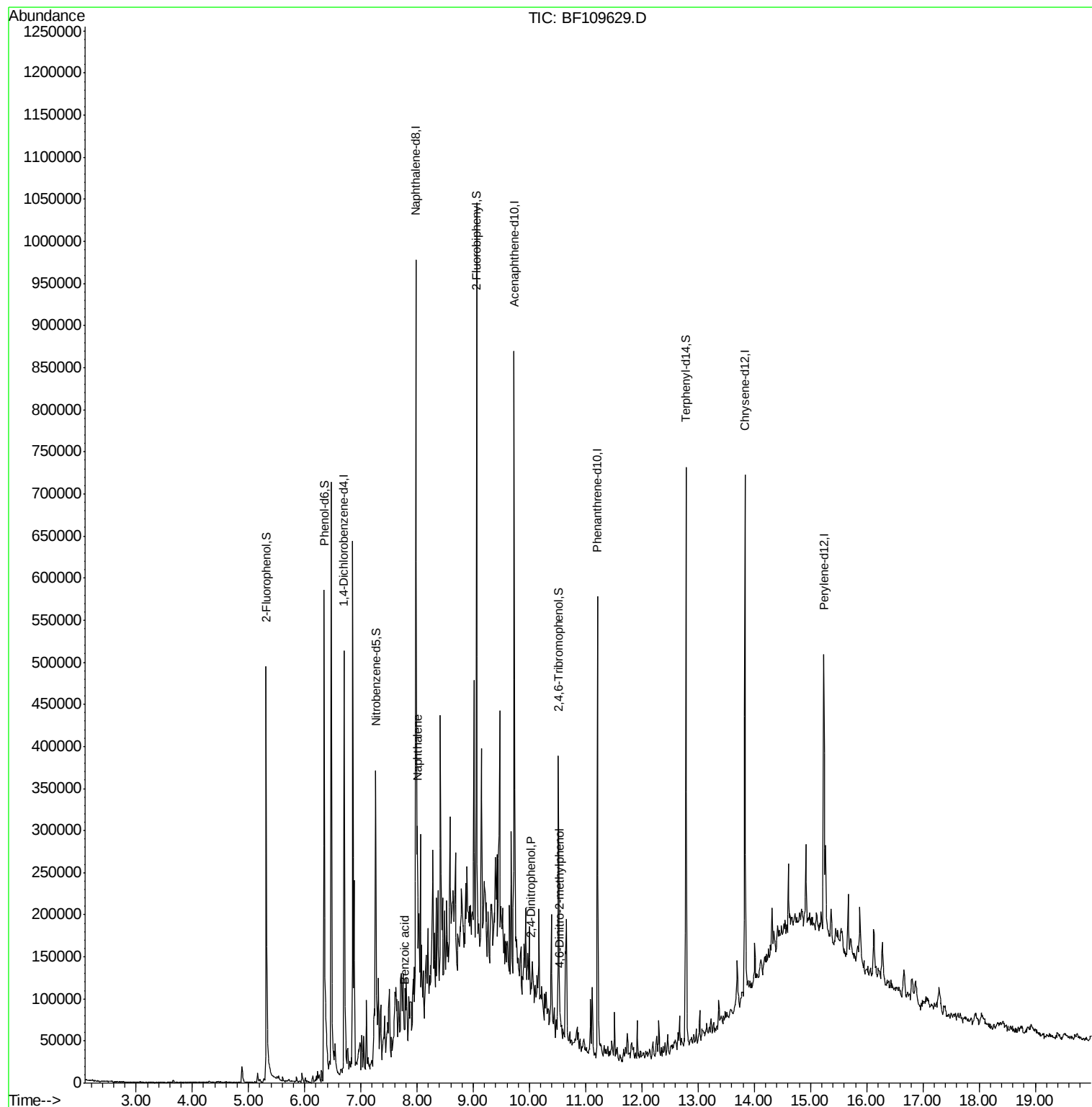
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	95607	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	369457	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	153059	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	239931	20.00	ng	0.00
75) Chrysene-d12	13.83	240	226339	20.00	ng	-0.01
86) Perylene-d12	15.24	264	173311	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	190540	32.83	ng	0.00
7) Phenol-d6	6.35	99	270650	36.54	ng	-0.01
23) Nitrobenzene-d5	7.26	82	154466	24.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	46971	31.13	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	302879	29.84	ng	-0.02
78) Terphenyl-d14	12.79	244	229829	24.92	ng	-0.02
Target Compounds				Qvalue		
31) Naphthalene	8.00	128	75857	4.394	ng	99
32) Benzoic acid	7.77	122	114	6.826	ng	# 13
53) 2,4-Dinitrophenol	10.03	184	424	8.986	ng	# 6
64) 4,6-Dinitro-2-methylphenol	10.55	198	449	6.924	ng	# 1

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

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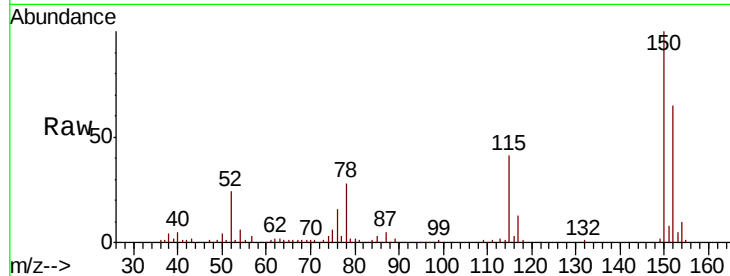


#1

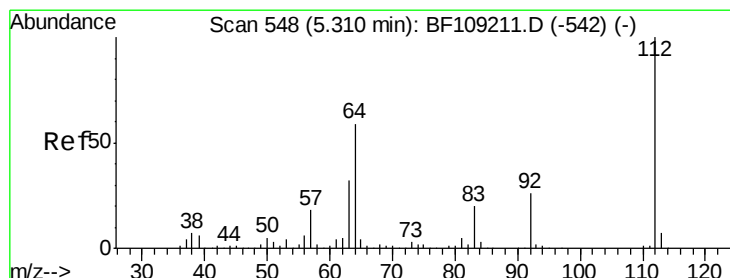
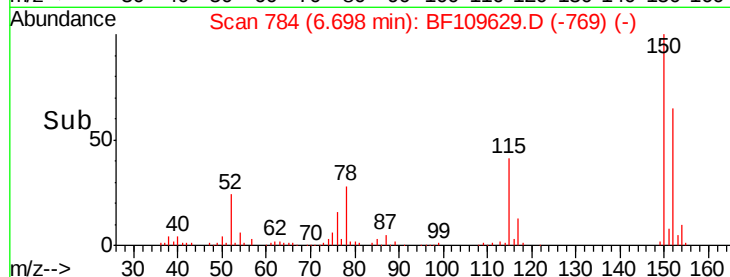
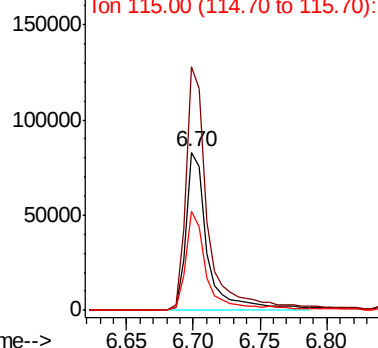
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF109629.D
Acq: 6 Oct 2018 00:48

Instrument :
BNA_F
ClientSampleId :
JC-02-100418

Tgt Ion:152 Resp: 95607
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 62.4 50.1 75.1



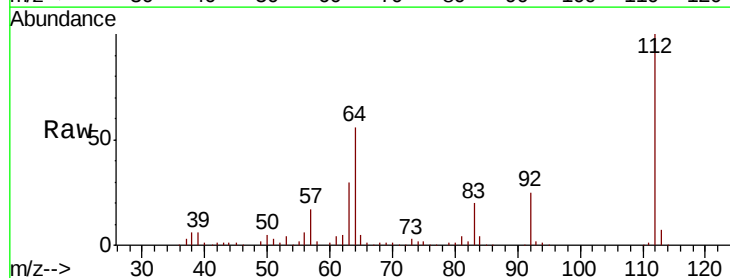
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



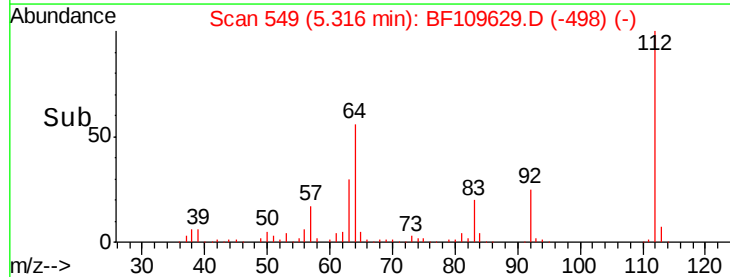
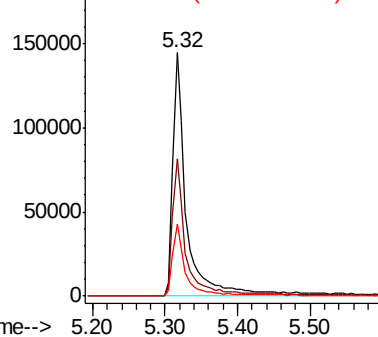
#5

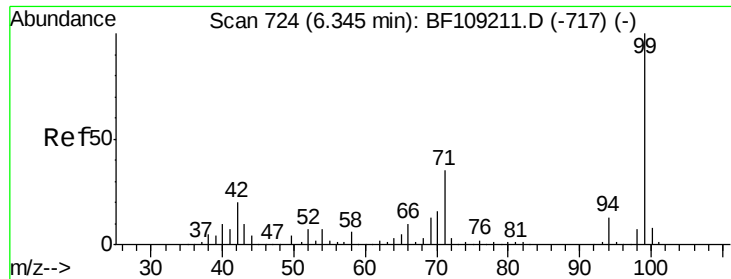
2-Fluorophenol
Concen: 32.825 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109629.D
Acq: 6 Oct 2018 00:48

Tgt Ion:112 Resp: 190540
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 29.5 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: 36.540 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109629.D

Acq: 6 Oct 2018 00:48

Instrument :

BNA_F

ClientSampleId :

JC-02-100418

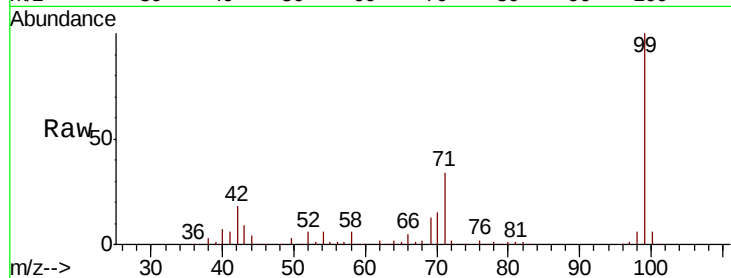
Tgt Ion: 99 Resp: 270650

Ion Ratio Lower Upper

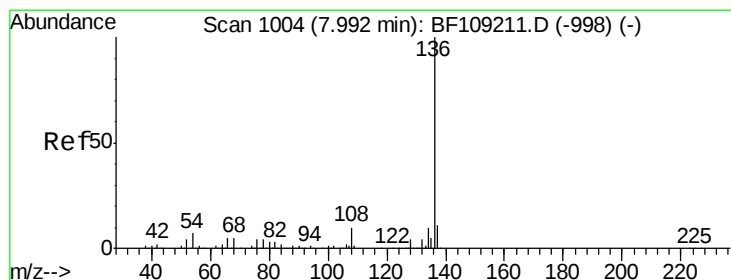
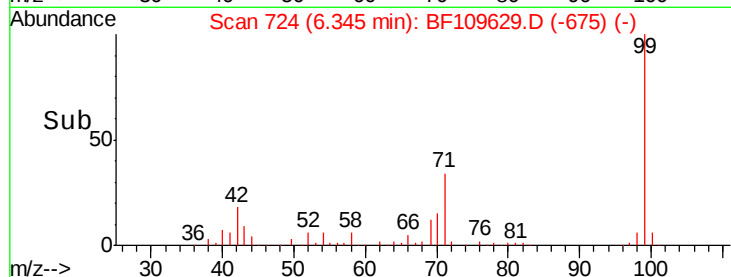
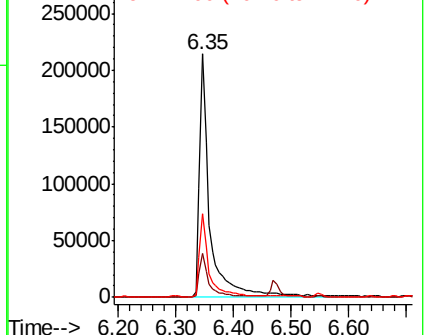
99 100

42 18.2 14.5 21.7

71 34.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109629.D

Acq: 6 Oct 2018 00:48

Tgt Ion: 136 Resp: 369457

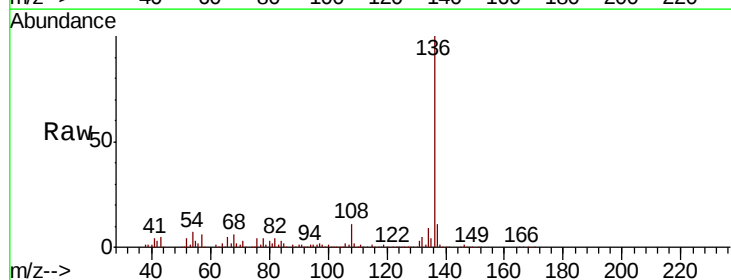
Ion Ratio Lower Upper

136 100

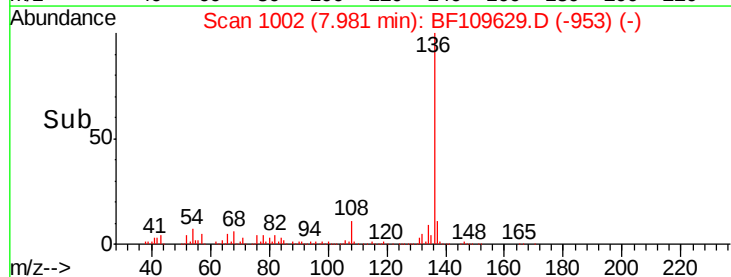
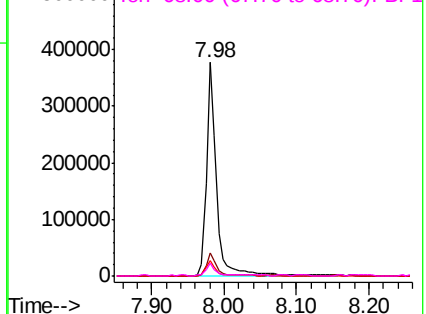
137 11.0 8.9 13.3

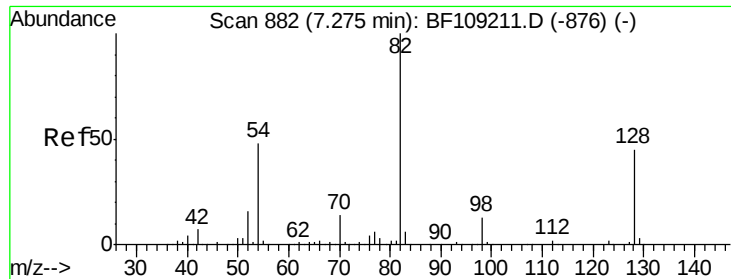
54 7.2 6.6 9.8

68 5.9 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): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 24.680 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109629.D

Acq: 6 Oct 2018 00:48

Instrument :

BNA_F

ClientSampleId :

JC-02-100418

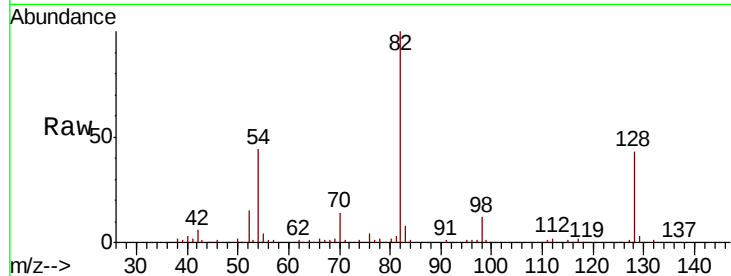
Tgt Ion: 82 Resp: 154466

Ion Ratio Lower Upper

82 100

128 43.4 36.1 54.1

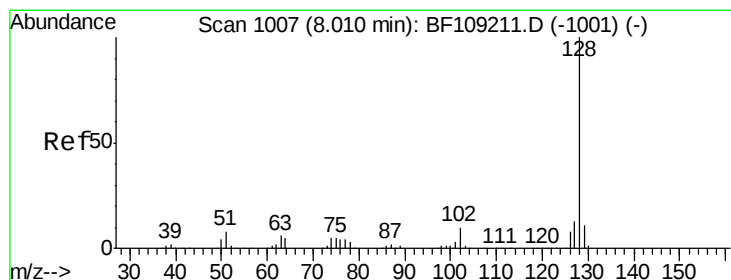
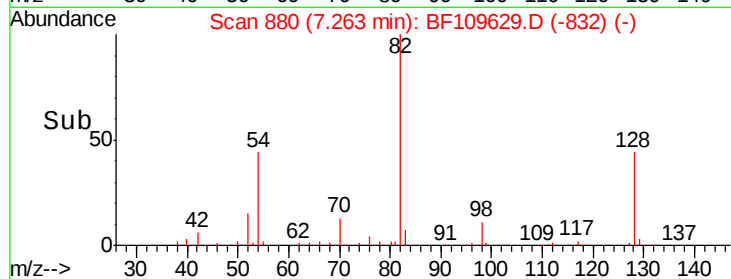
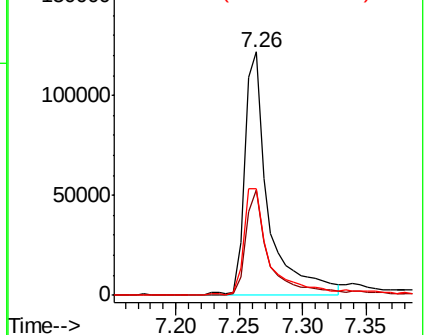
54 43.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#31

Naphthalene

Concen: 4.394 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF109629.D

Acq: 6 Oct 2018 00:48

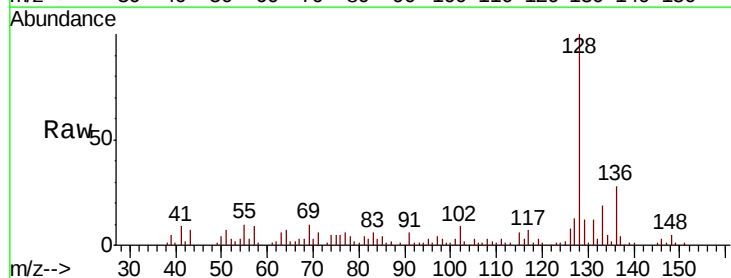
Tgt Ion: 128 Resp: 75857

Ion Ratio Lower Upper

128 100

129 12.0 8.8 13.2

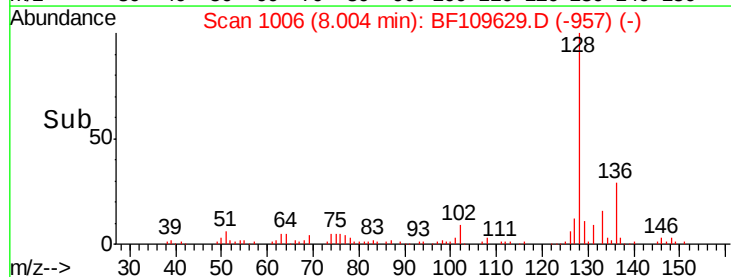
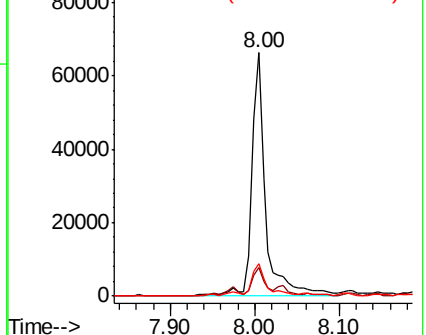
127 13.5 10.9 16.3

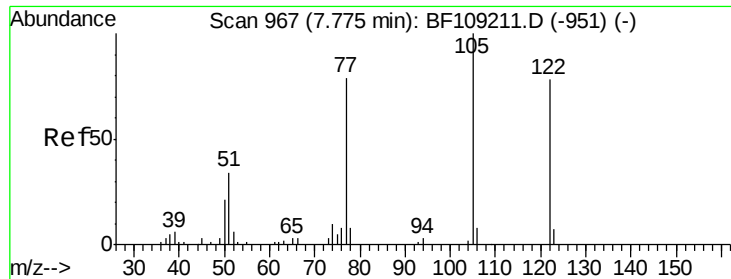


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

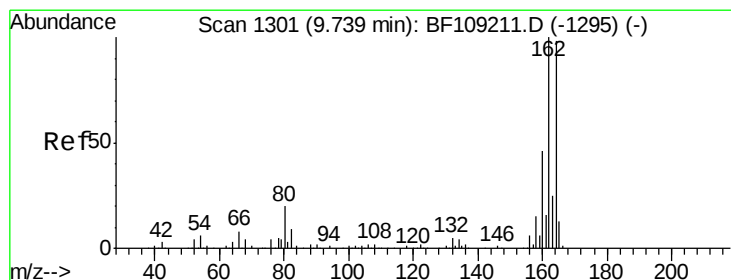
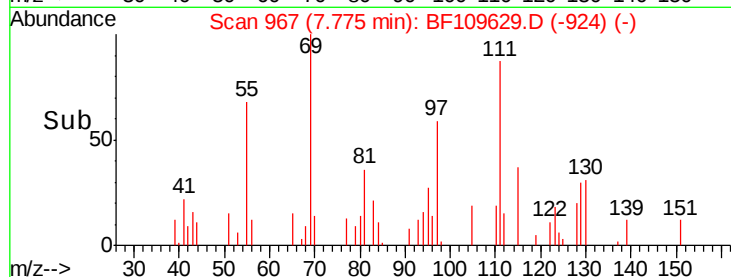
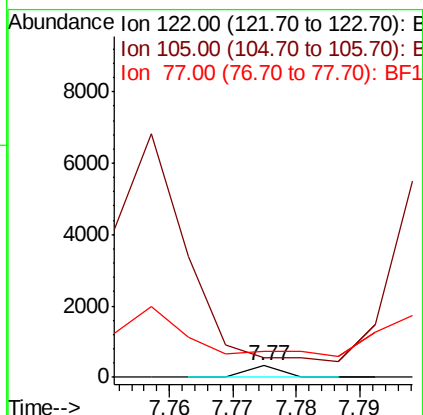
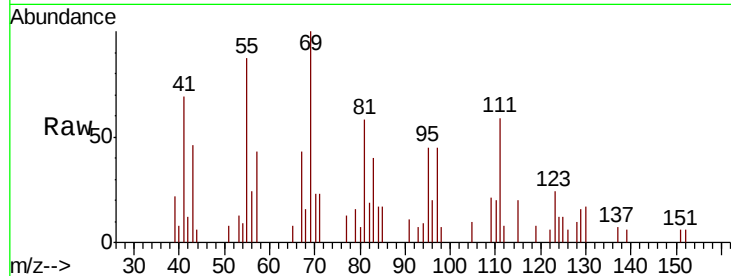




#32
Benzoic acid
Concen: 6.826 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.05 min
Lab File: BF109629.D
Acq: 6 Oct 2018 00:48

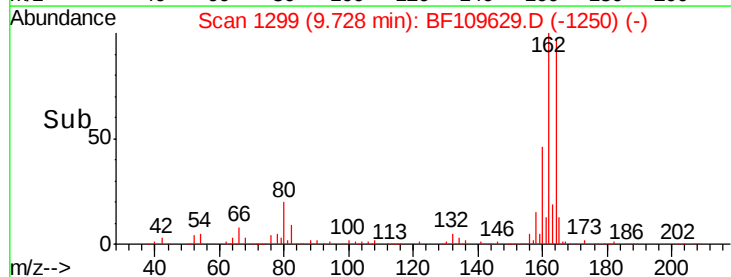
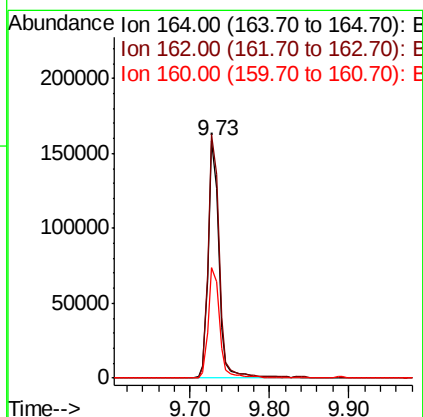
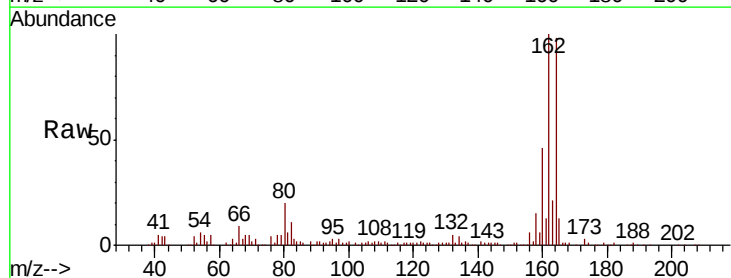
Instrument :
BNA_F
ClientSampleId :
JC-02-100418

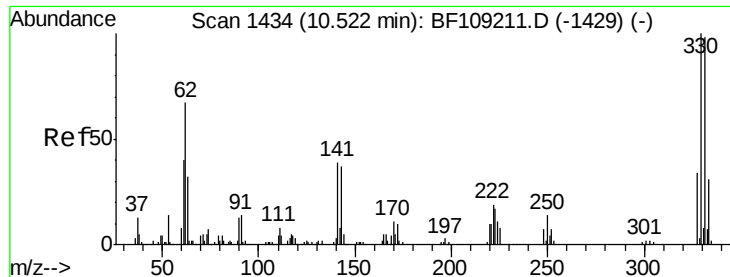
Tgt Ion:122 Resp: 114
Ion Ratio Lower Upper
122 100
105 171.0 101.1 141.1#
77 227.5 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109629.D
Acq: 6 Oct 2018 00:48

Tgt Ion:164 Resp: 153059
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 46.7 38.3 57.5

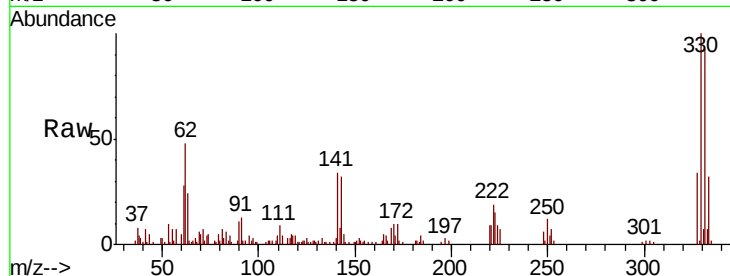




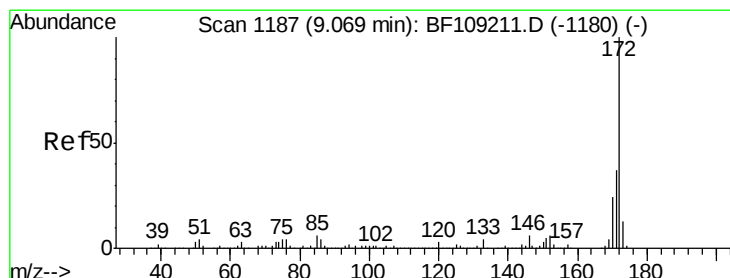
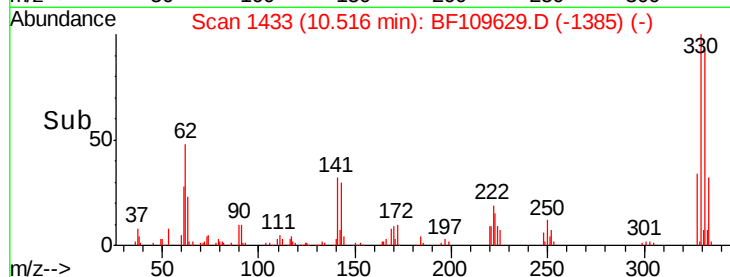
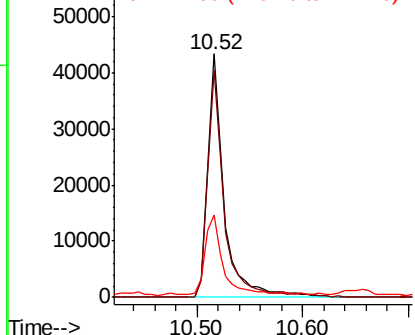
#41
 2,4,6-Tribromophenol
 Concen: 31.130 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109629.D
 Acq: 6 Oct 2018 00:48

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-100418

Tgt Ion:330 Resp: 46971
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 33.9 29.9 44.9

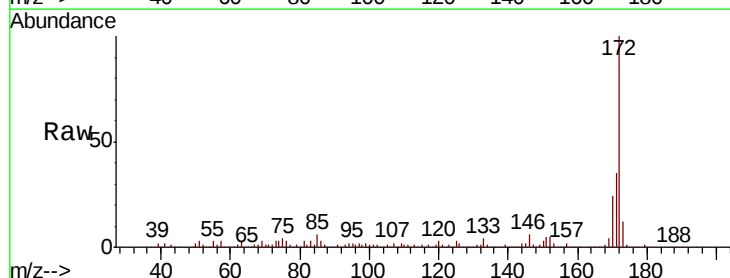


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

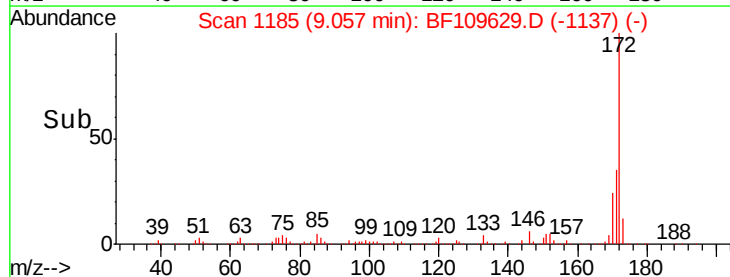
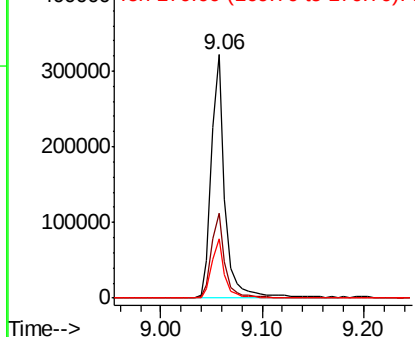


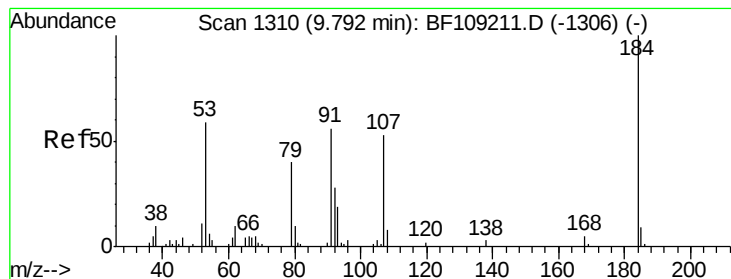
#44
 2-Fluorobiphenyl
 Concen: 29.845 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109629.D
 Acq: 6 Oct 2018 00:48

Tgt Ion:172 Resp: 302879
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 24.2 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





#53

2,4-Dinitrophenol

Concen: 8.986 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.22 min

Lab File: BF109629.D

Acq: 6 Oct 2018 00:48

Instrument :

BNA_F

ClientSampleId :

JC-02-100418

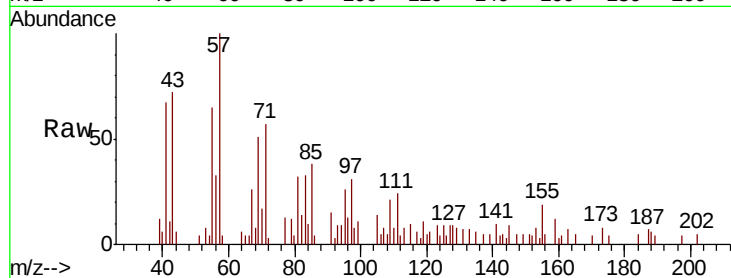
Tgt Ion:184 Resp: 424

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

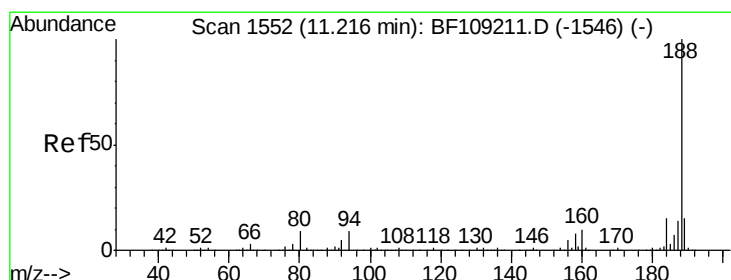
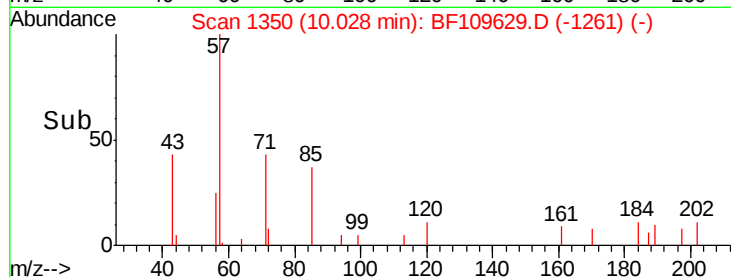
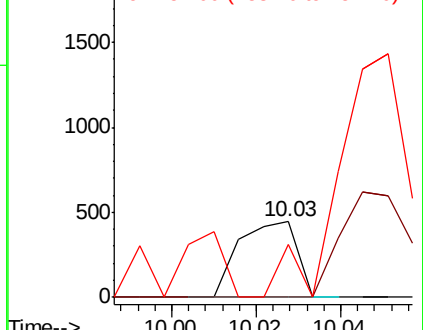
154 70.4 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF109629.D

Acq: 6 Oct 2018 00:48

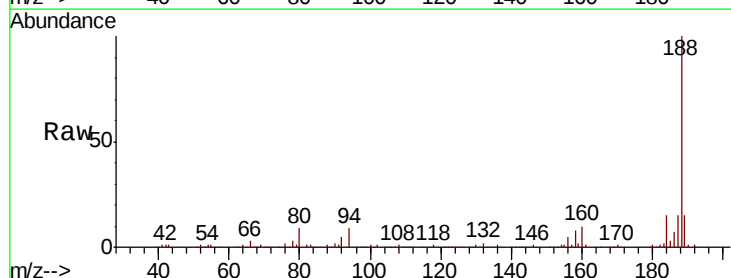
Tgt Ion:188 Resp: 239931

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

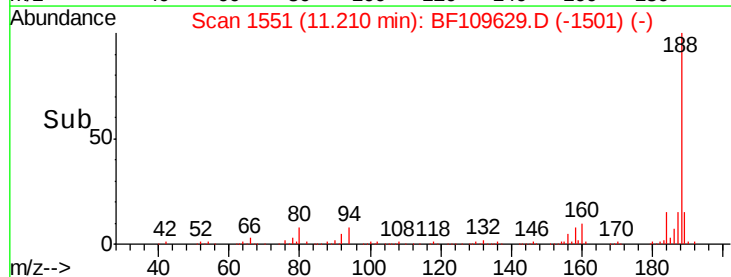
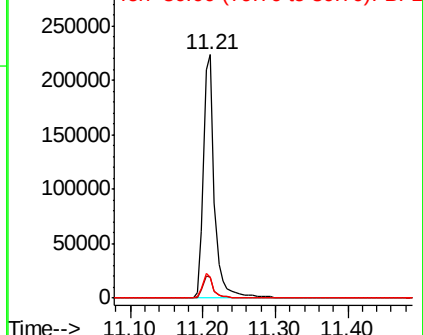
80 8.5 9.2 13.8#

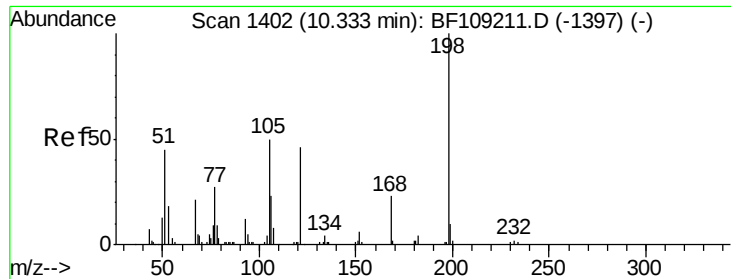


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

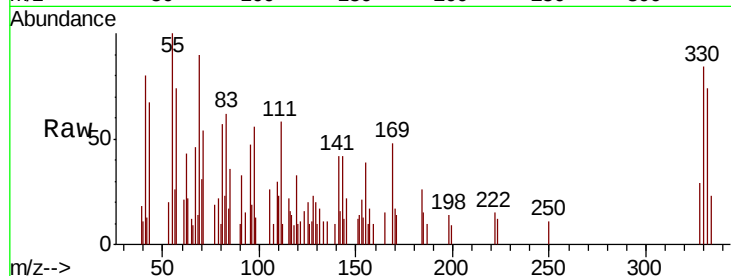




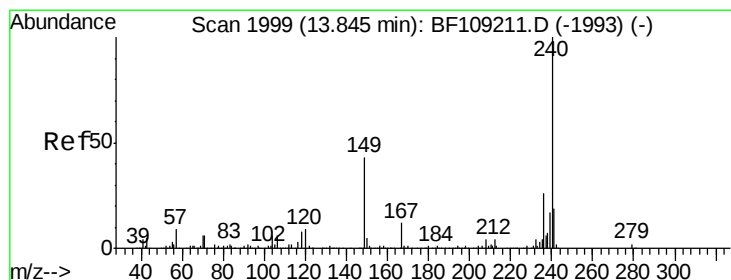
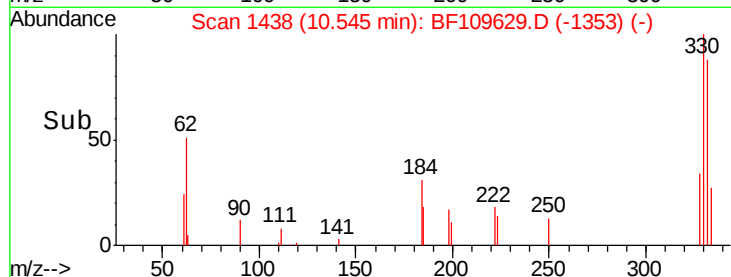
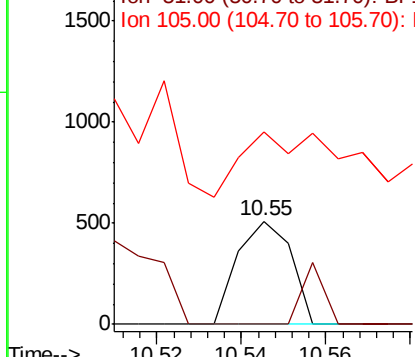
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.924 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.20 min
 Lab File: BF109629.D
 Acq: 6 Oct 2018 00:48

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-100418

Tgt Ion:198 Resp: 449
 Ion Ratio Lower Upper
 198 100
 51 0.0 37.7 77.7#
 105 185.7 36.3 76.3#

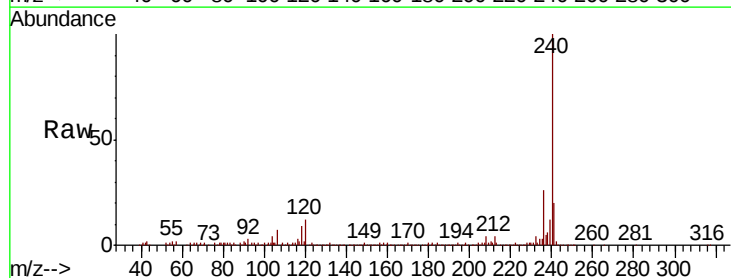


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

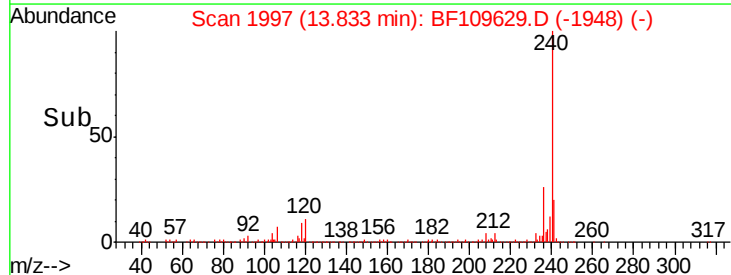
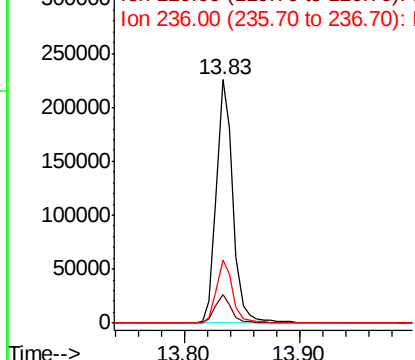


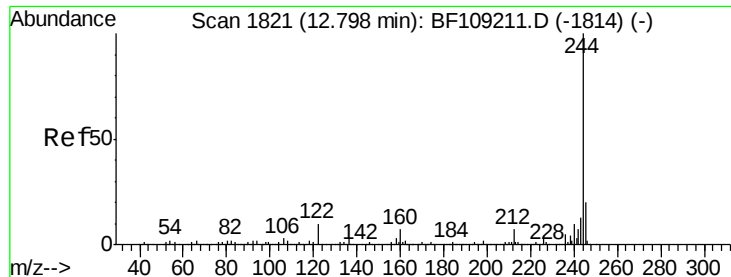
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF109629.D
 Acq: 6 Oct 2018 00:48

Tgt Ion:240 Resp: 226339
 Ion Ratio Lower Upper
 240 100
 120 11.5 9.5 14.3
 236 25.9 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: 24.920 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109629.D

Acq: 6 Oct 2018 00:48

Instrument :

BNA_F

ClientSampleId :

JC-02-100418

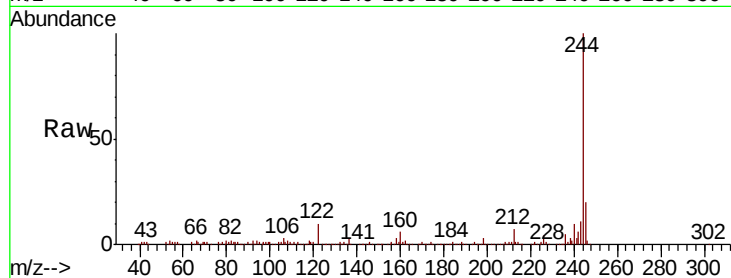
Tgt Ion:244 Resp: 229829

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

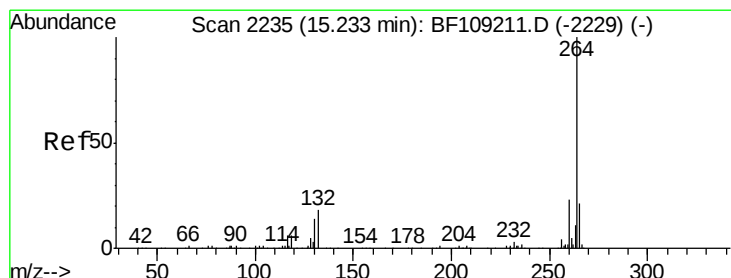
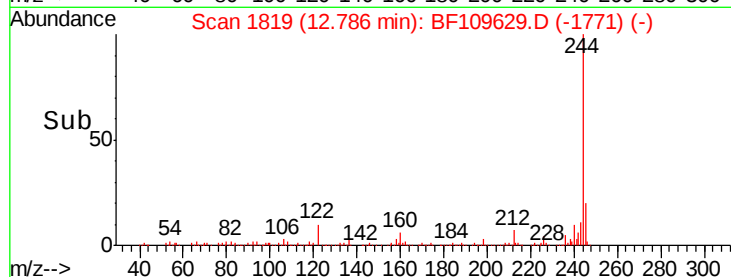
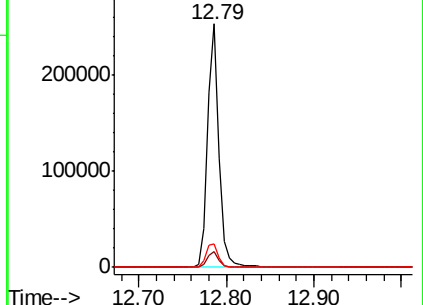
122 9.8 11.0 16.4#



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: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109629.D

Acq: 6 Oct 2018 00:48

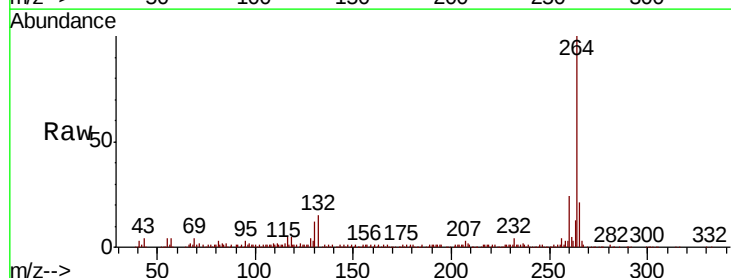
Tgt Ion:264 Resp: 173311

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.5 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

