

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109541.D
 Acq On : 3 Oct 2018 13:03
 Operator : JU/SJ
 Sample : J5220-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-03

Quant Time: Oct 03 14:55:33 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

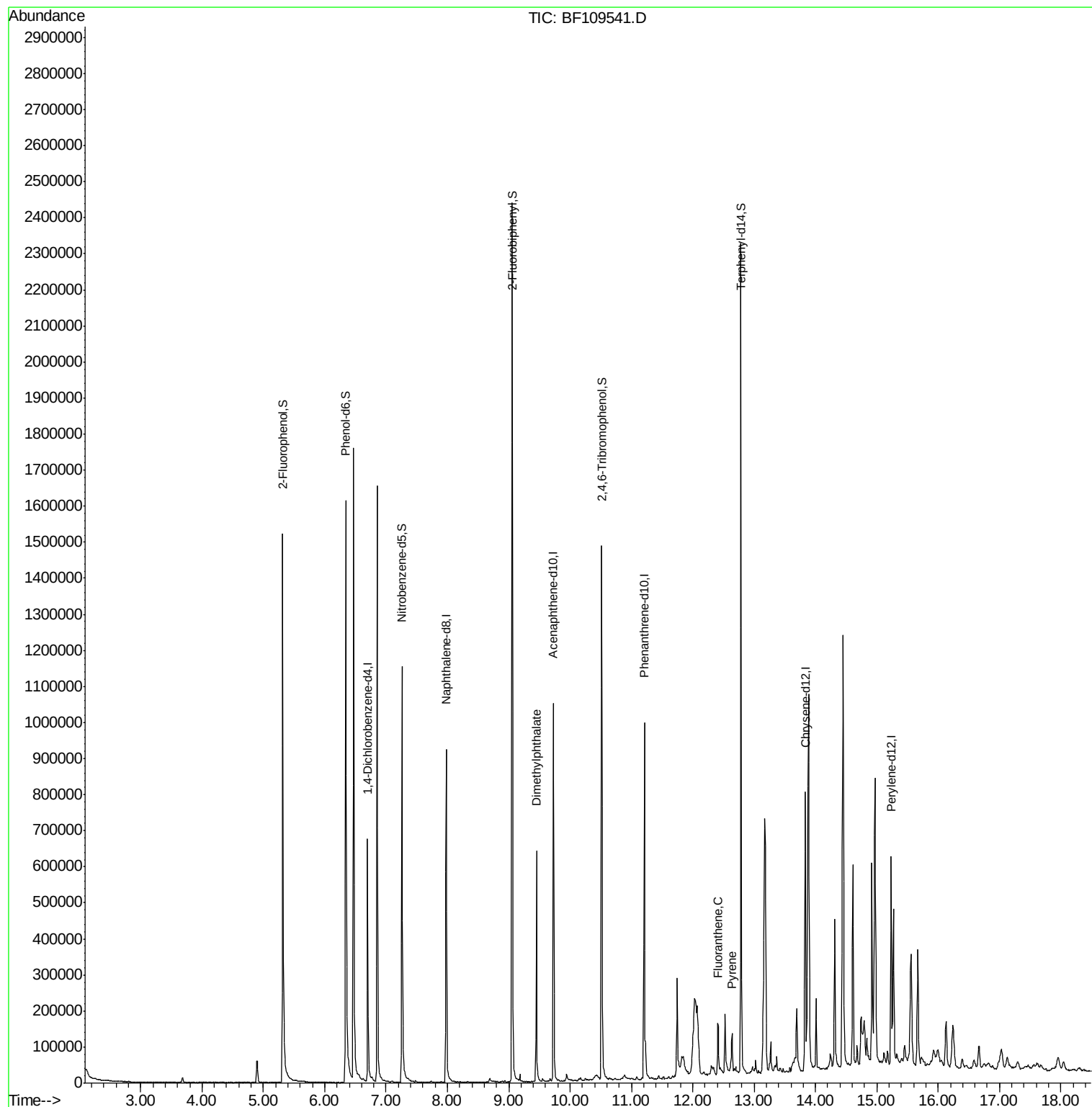
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	113341	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	445042	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	218224	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	418550	20.00	ng	0.00
75) Chrysene-d12	13.83	240	256571	20.00	ng	-0.01
86) Perylene-d12	15.23	264	260008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	522036	75.86	ng	0.00
7) Phenol-d6	6.35	99	705816	80.38	ng	-0.01
23) Nitrobenzene-d5	7.26	82	450397	59.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	193034	89.73	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	803164	55.51	ng	-0.02
78) Terphenyl-d14	12.79	244	733464	70.16	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.45	163	261616	16.483	ng	Qvalue # 98
74) Fluoranthene	12.42	202	64460	2.886	ng	94
77) Pyrene	12.64	202	48001	2.610	ng	99

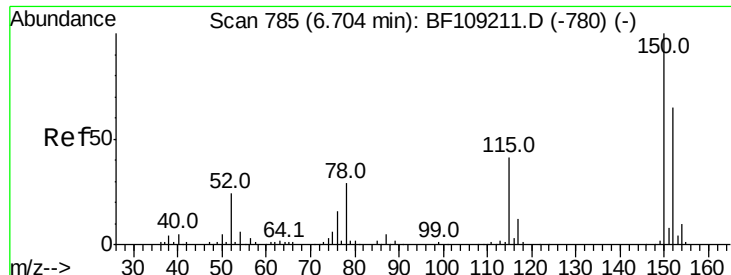
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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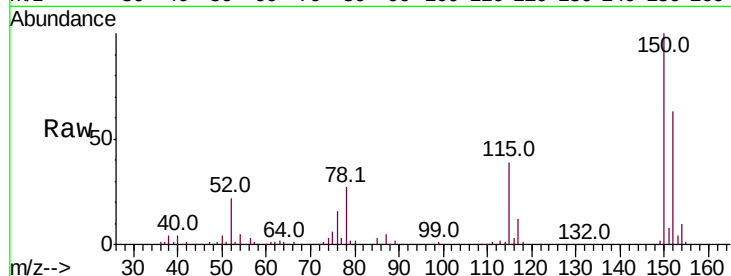


#1

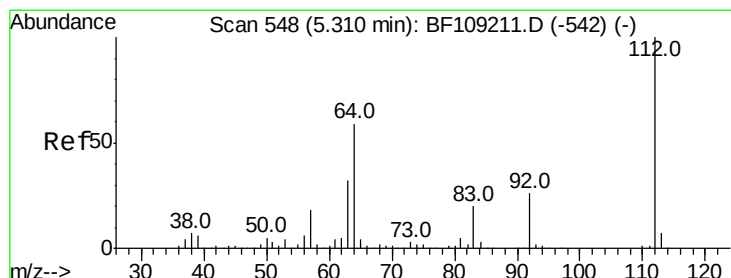
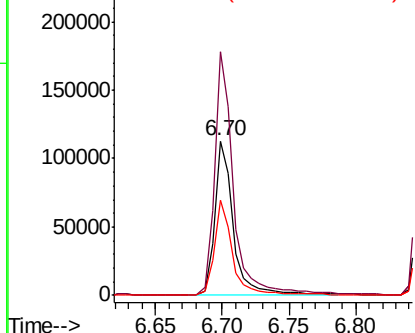
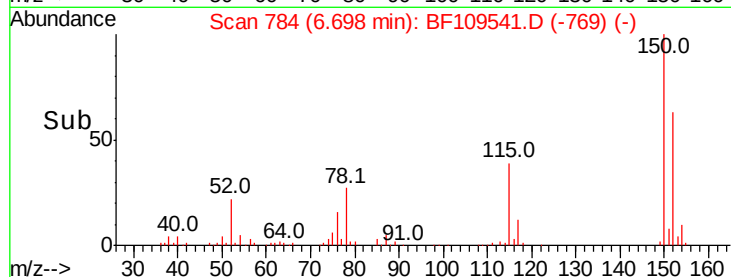
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF109541.D
Acq: 3 Oct 2018 13:03

Instrument :
BNA_F
ClientSampleId :
TS-03

Tot Ion:152 Resp: 113341
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 61.5 50.1 75.1



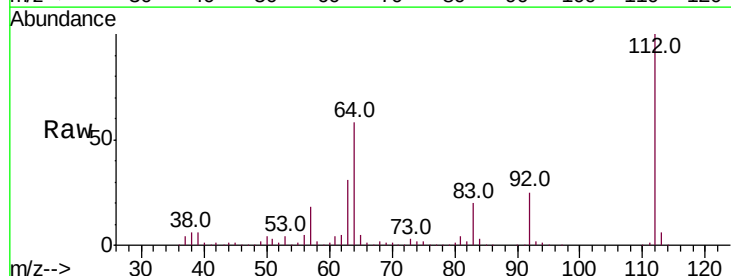
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



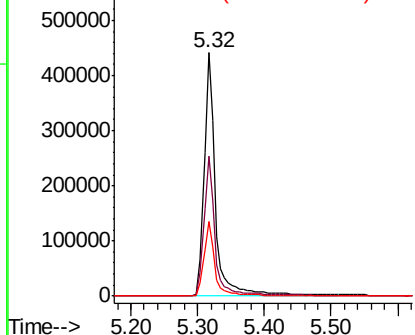
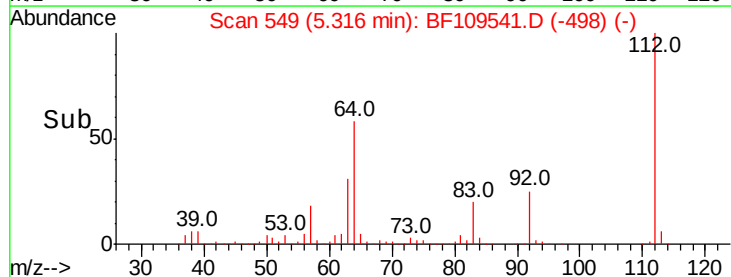
#5

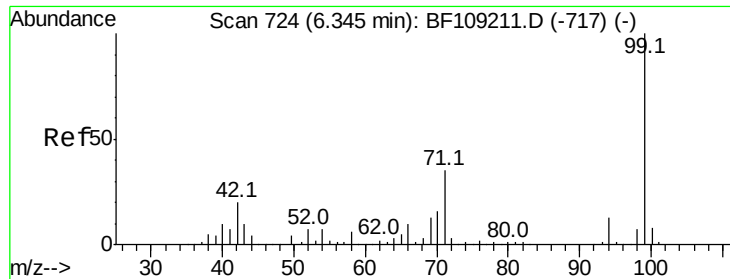
2-Fluorophenol
Concen: 75.863 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109541.D
Acq: 3 Oct 2018 13:03

Tgt Ion:112 Resp: 522036
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 30.6 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: 80.381 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109541.D

Acq: 3 Oct 2018 13:03

Instrument :

BNA_F

ClientSampleId :

TS-03

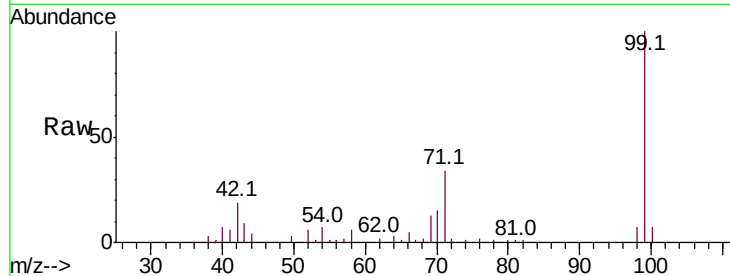
Tot Ion: 99 Resp: 705816

Ion Ratio Lower Upper

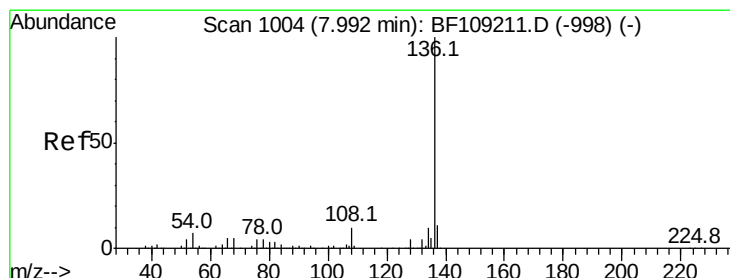
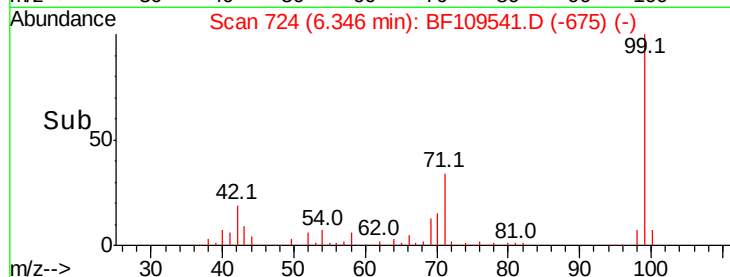
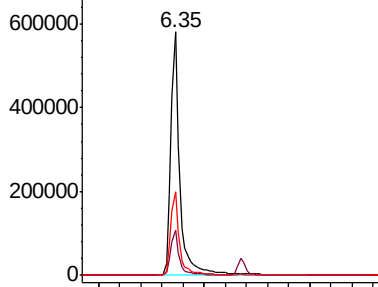
99 100

42 18.8 14.5 21.7

71 34.4 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: BF109541.D

Acq: 3 Oct 2018 13:03

Tgt Ion: 136 Resp: 445042

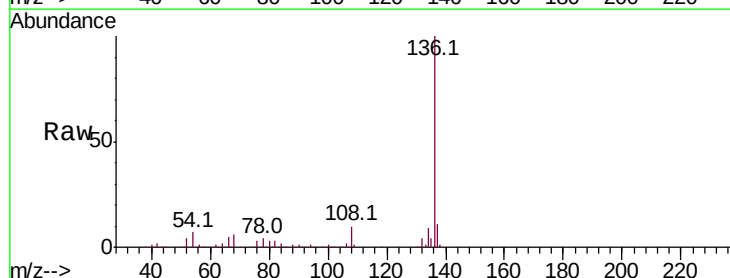
Ion Ratio Lower Upper

136 100

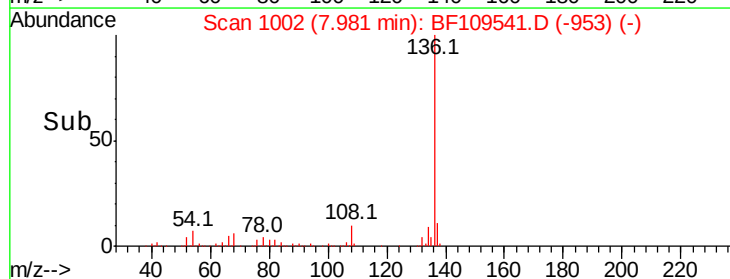
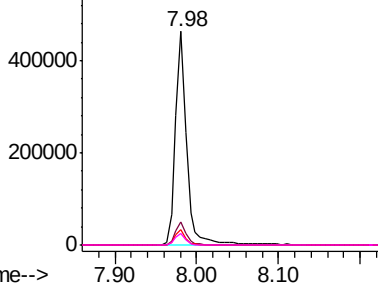
137 11.1 8.9 13.3

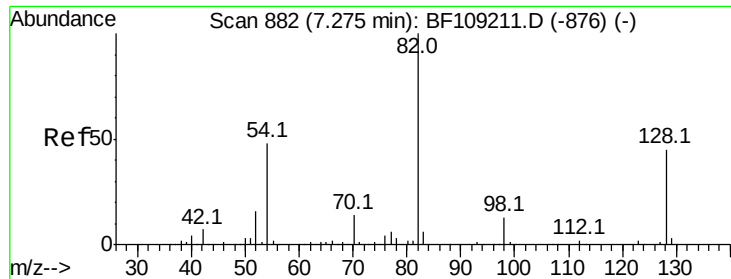
54 7.1 6.6 9.8

68 5.5 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

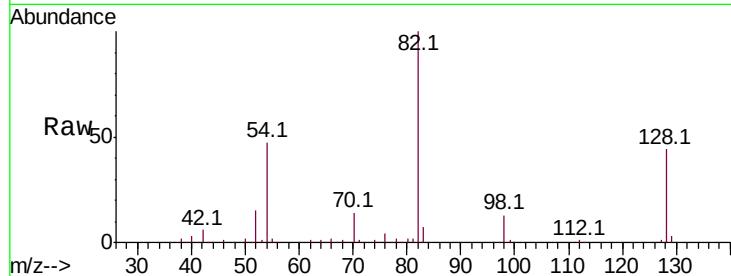




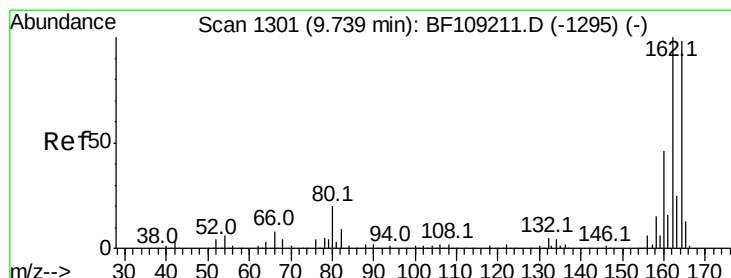
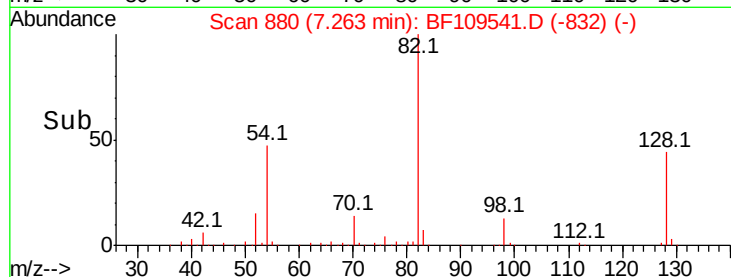
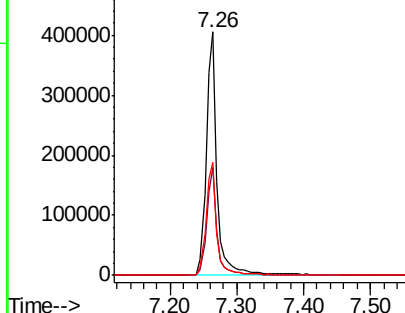
#23
Nitrobenzene-d5
Concen: 59.742 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109541.D
Acq: 3 Oct 2018 13:03

Instrument :
BNA_F
ClientSampled :
TS-03

Tot Ion: 82 Resp: 450397
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 46.6 41.4 62.2

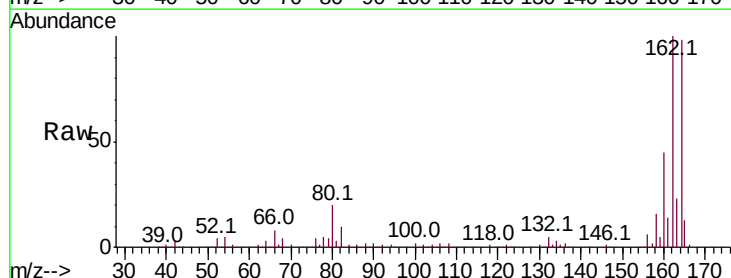


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

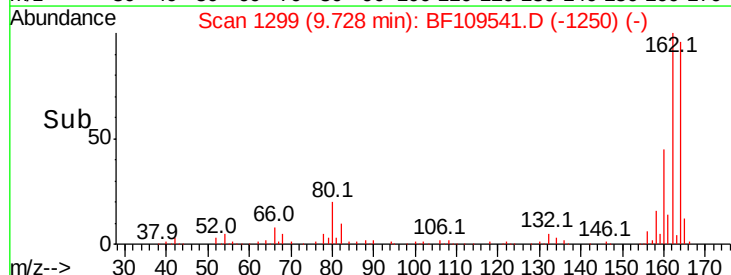
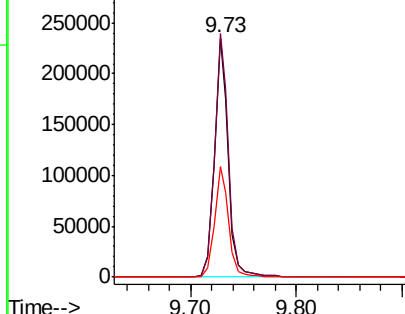


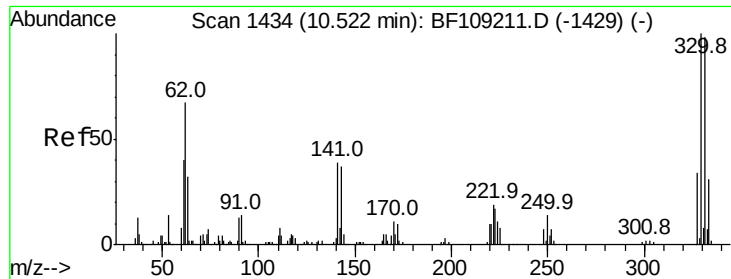
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109541.D
Acq: 3 Oct 2018 13:03

Tgt Ion:164 Resp: 218224
Ion Ratio Lower Upper
164 100
162 102.0 86.1 129.1
160 46.1 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: 89.732 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF109541.D

Acq: 3 Oct 2018 13:03

Instrument :

BNA_F

ClientSampled :

TS-03

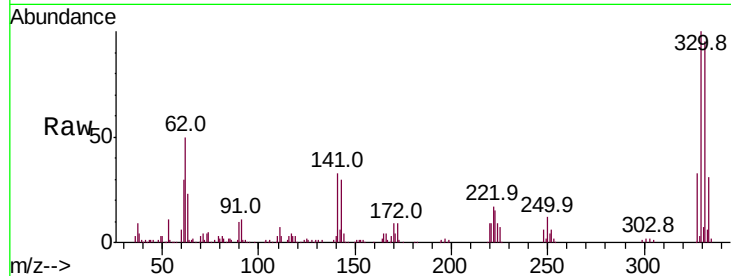
Tot Ion:330 Resp: 193034

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

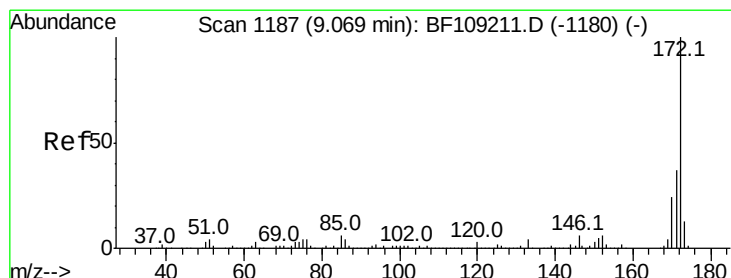
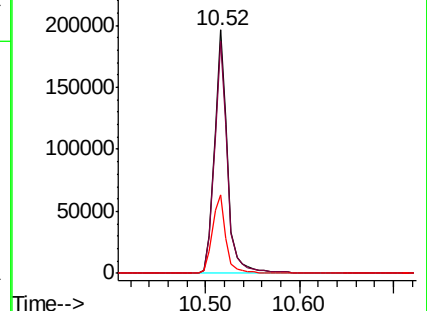
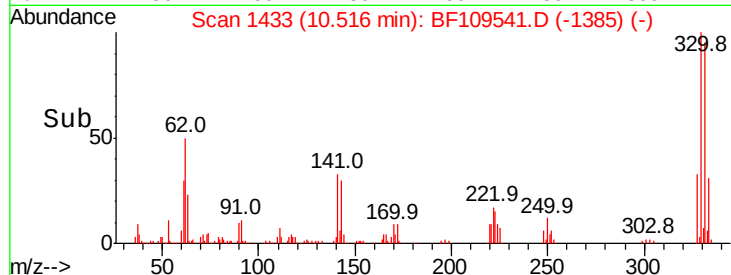
141 33.7 29.9 44.9



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: 55.508 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF109541.D

Acq: 3 Oct 2018 13:03

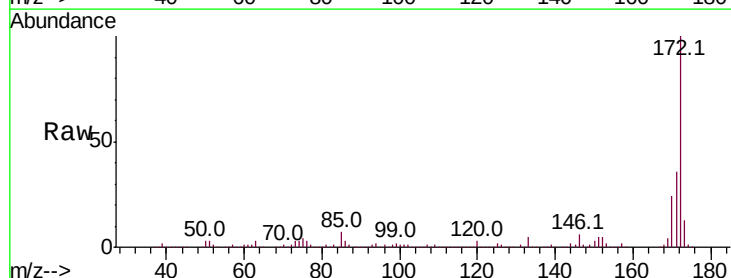
Tgt Ion:172 Resp: 803164

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

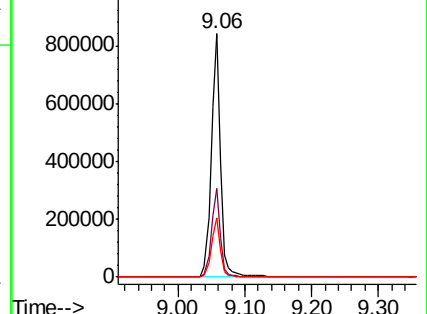
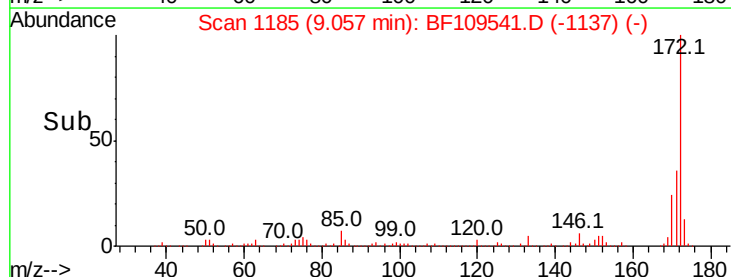
170 24.4 19.6 29.4

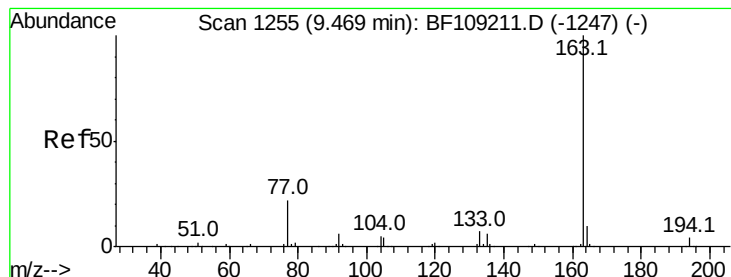


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 16.483 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.03 min

Lab File: BF109541.D

Acq: 3 Oct 2018 13:03

Instrument :

BNA_F

ClientSampleId :

TS-03

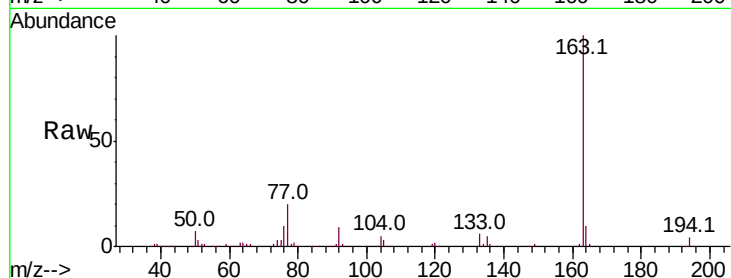
Tot Ion:163 Resp: 261616

Ion Ratio Lower Upper

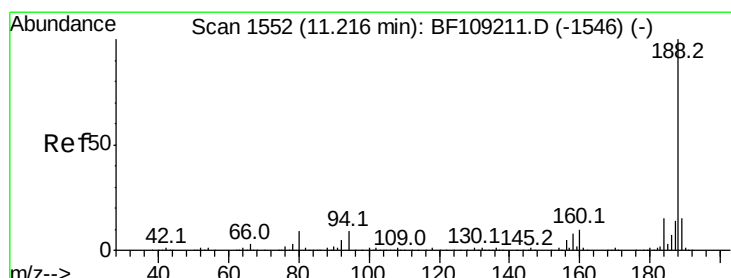
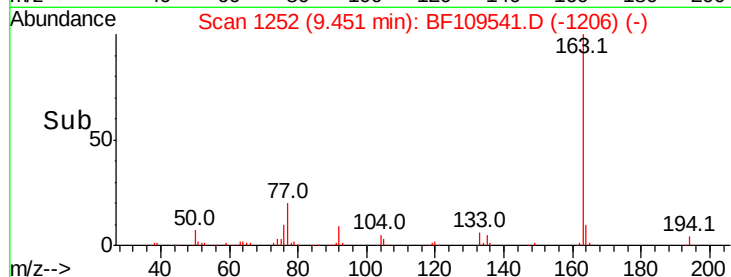
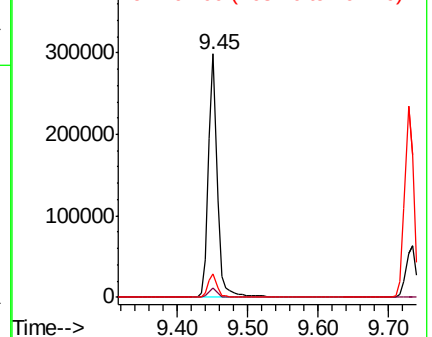
163 100

194 4.1 2.7 4.1#

164 9.6 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF109541.D

Acq: 3 Oct 2018 13:03

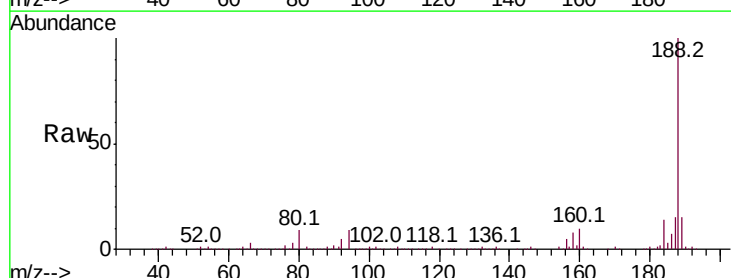
Tgt Ion:188 Resp: 418550

Ion Ratio Lower Upper

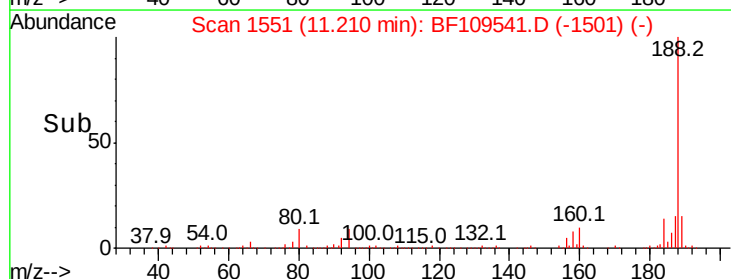
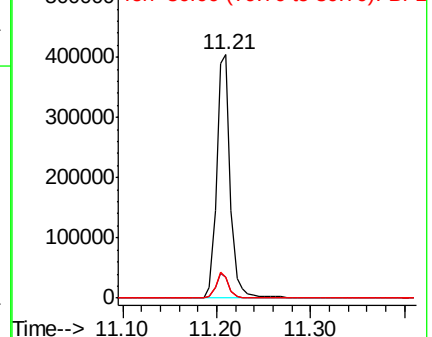
188 100

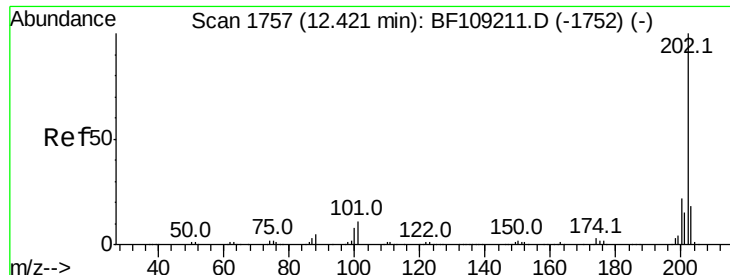
94 8.7 8.5 12.7

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

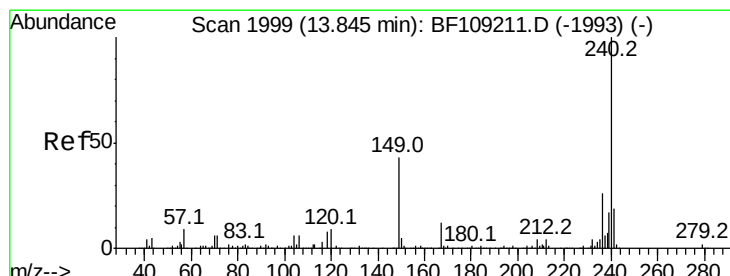
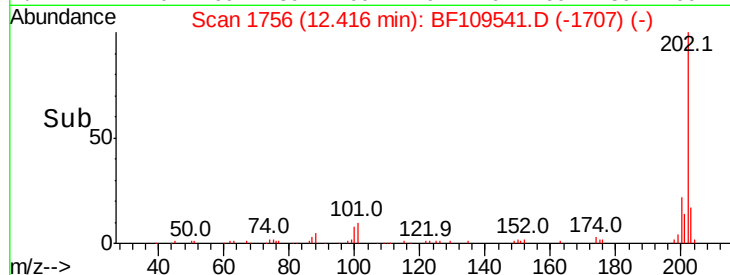
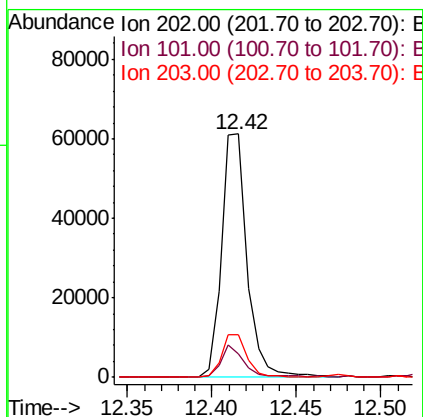
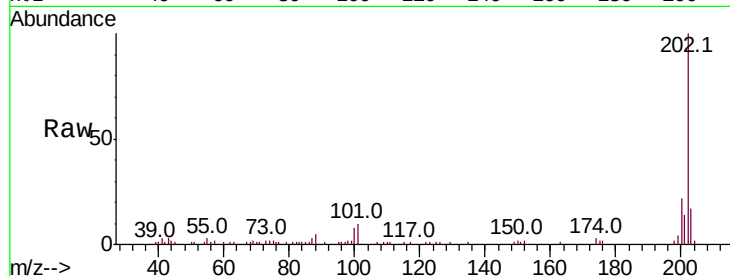




#74
 Fluoranthene
 Concen: 2.886 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF109541.D
 Acq: 3 Oct 2018 13:03

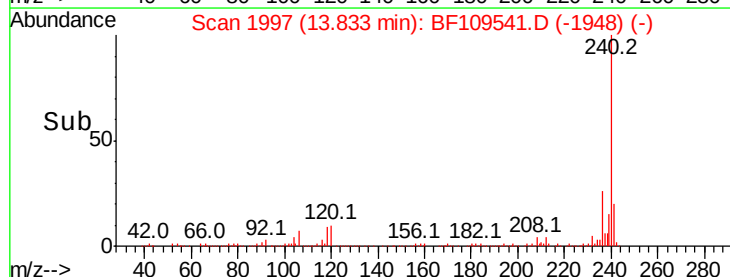
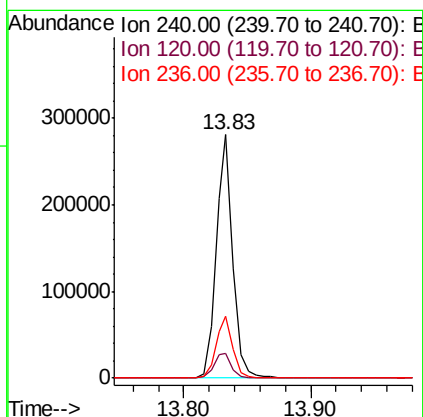
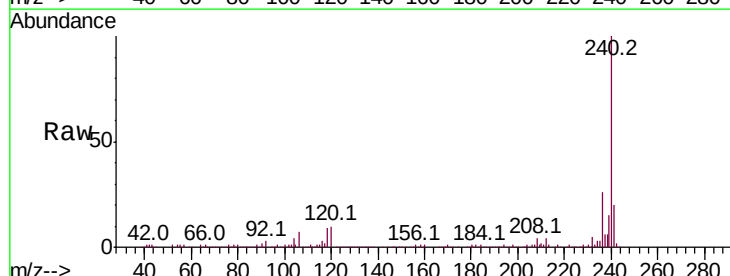
Instrument :
 BNA_F
 ClientSampleId :
 TS-03

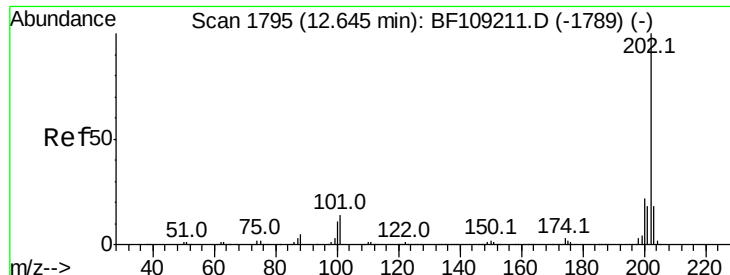
Tot Ion:202 Resp: 64460
 Ion Ratio Lower Upper
 202 100
 101 9.7 0.0 34.1
 203 17.5 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF109541.D
 Acq: 3 Oct 2018 13:03

Tgt Ion:240 Resp: 256571
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.5 14.3
 236 25.6 20.7 31.1

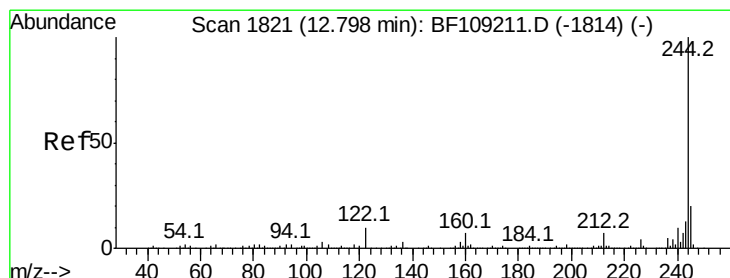
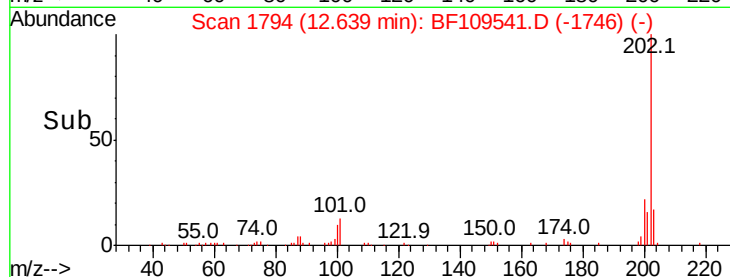
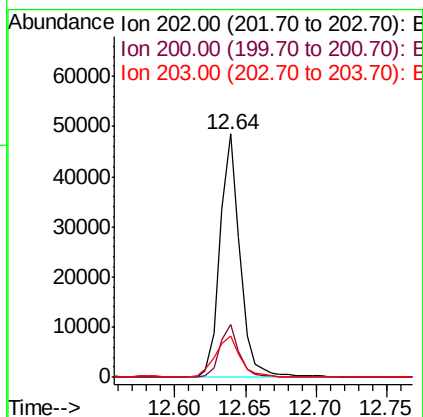
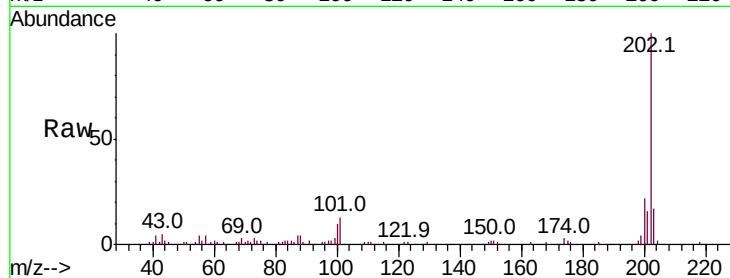




#77
Pvrene
Concen: 2.610 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF109541.D
Acq: 3 Oct 2018 13:03

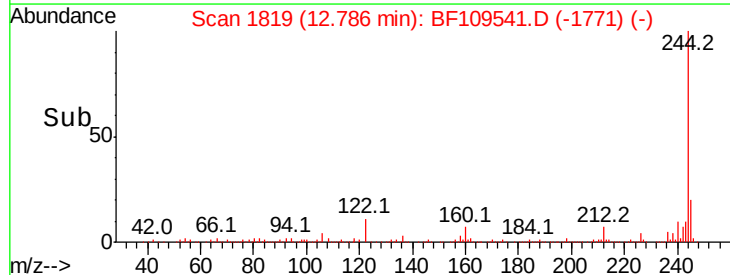
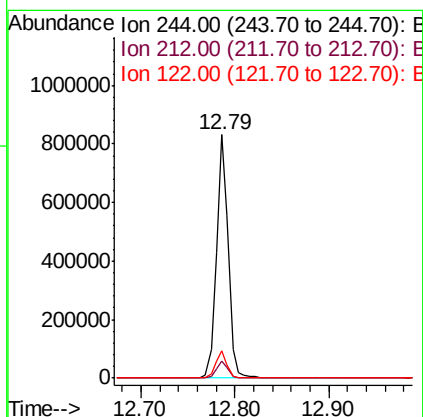
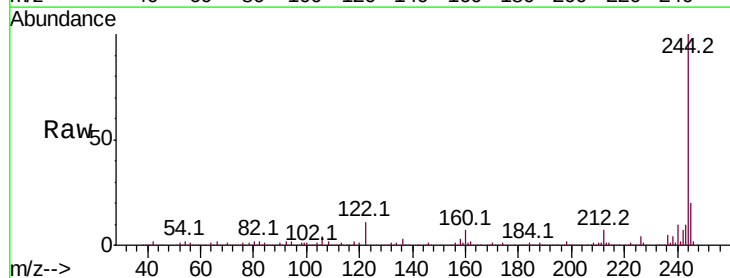
Instrument :
BNA_F
ClientSampleId :
TS-03

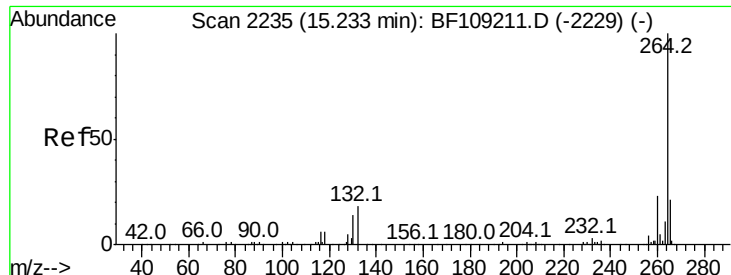
Tot Ion:202 Resp: 48001
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.1 14.3 21.5



#78
Terphenyl-d14
Concen: 70.158 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF109541.D
Acq: 3 Oct 2018 13:03

Tgt Ion:244 Resp: 733464
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 11.5 11.0 16.4

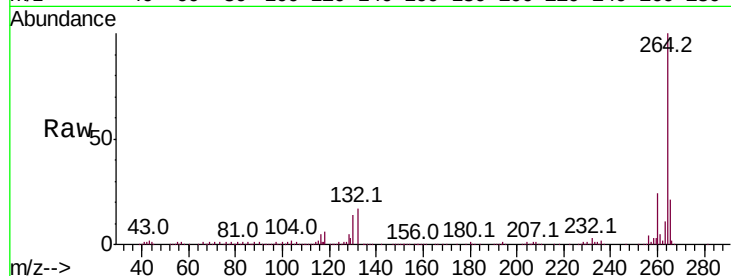




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109541.D
Acq: 3 Oct 2018 13:03

Instrument :
BNA_F
ClientSampleId :
TS-03

Tot Ion:	264	Resp:	260008
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	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

