

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109591.D
 Acq On : 4 Oct 2018 17:14
 Operator : JU/SJ
 Sample : J5173-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN-001A-092818

Quant Time: Oct 05 02:00:12 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

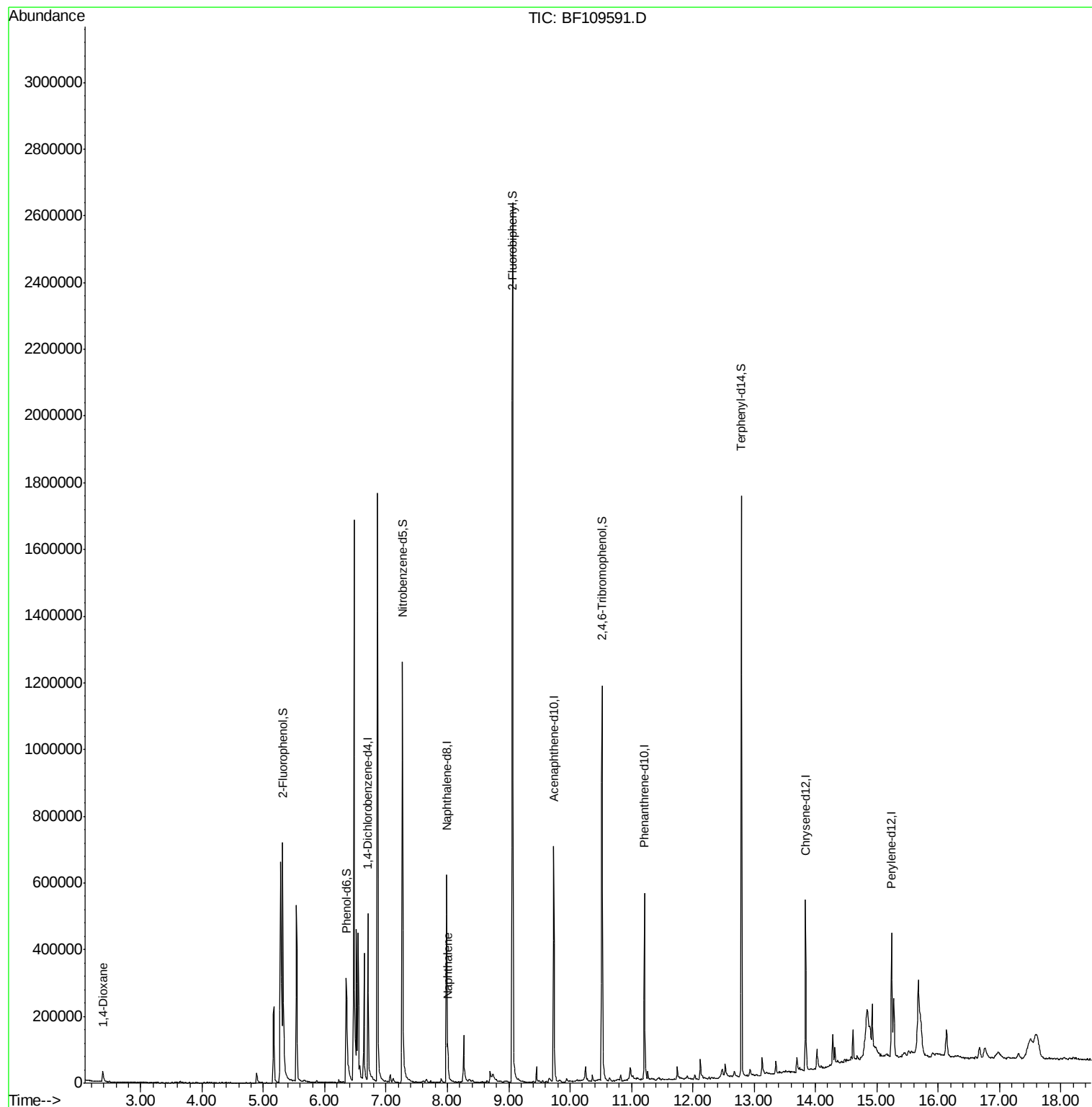
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	82575	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	313185	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	139247	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	219326	20.00	ng	0.00
75) Chrysene-d12	13.84	240	178281	20.00	ng	0.00
86) Perylene-d12	15.24	264	175584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	244376	48.74	ng	0.00
7) Phenol-d6	6.35	99	193380	30.23	ng	0.00
23) Nitrobenzene-d5	7.27	82	481600	90.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	153085	111.52	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	858445	92.98	ng	-0.01
78) Terphenyl-d14	12.79	244	586622	80.75	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.38	88	18075	7.828	ng	95
31) Naphthalene	8.00	128	39104	2.672	ng	99

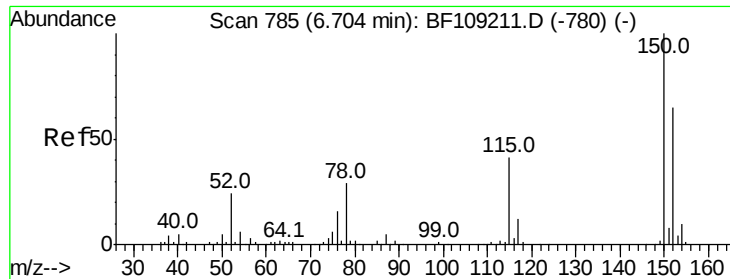
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109591.D
Acq On : 4 Oct 2018 17:14
Operator : JU/SJ
Sample : J5173-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN-001A-092818

Quant Time: Oct 05 02:00:12 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



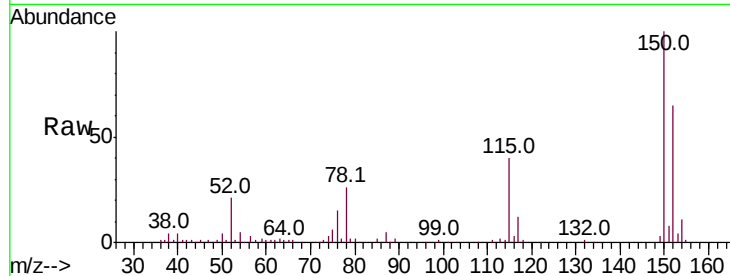


#1

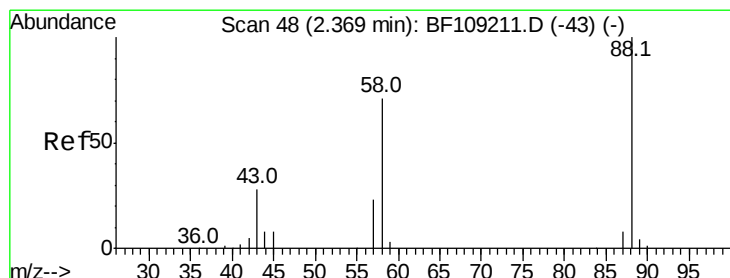
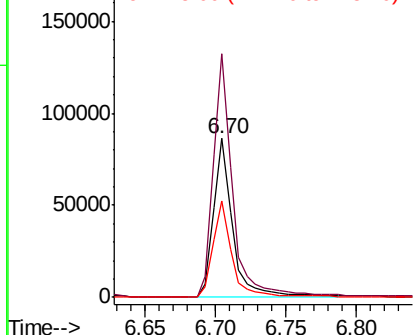
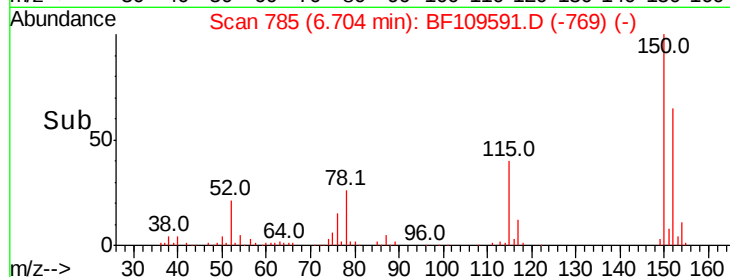
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109591.D
Acq: 4 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
DSN-001A-092818

Tot Ion:152 Resp: 82575
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 60.7 50.1 75.1



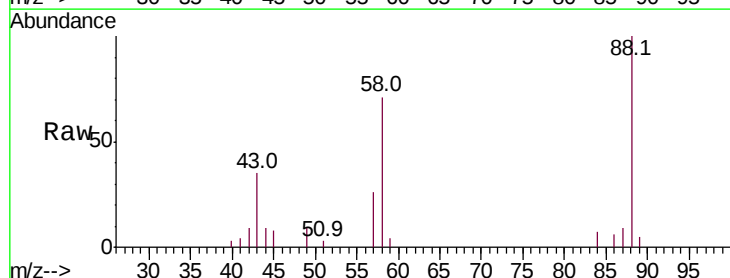
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



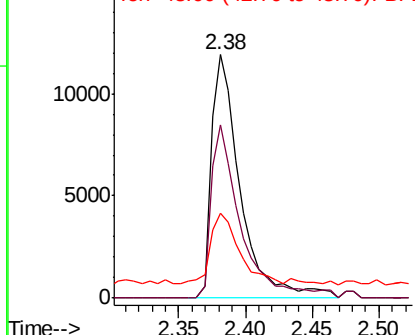
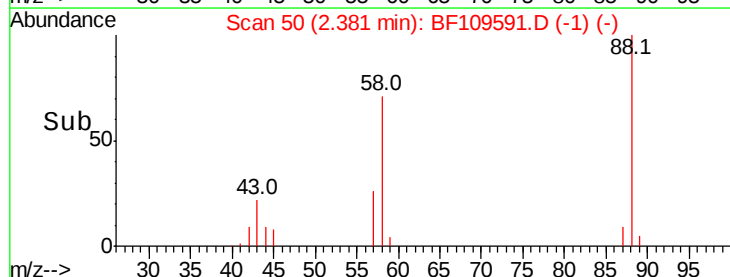
#2

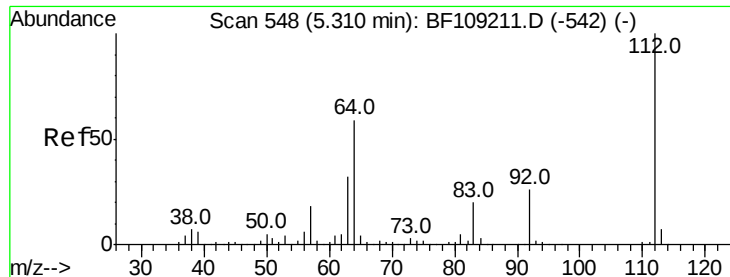
1,4-Dioxane
Concen: 7.828 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.01 min
Lab File: BF109591.D
Acq: 4 Oct 2018 17:14

Tgt Ion: 88 Resp: 18075
Ion Ratio Lower Upper
88 100
58 73.1 62.6 93.8
43 28.6 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 48.744 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF109591.D

Acq: 4 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

DSN-001A-092818

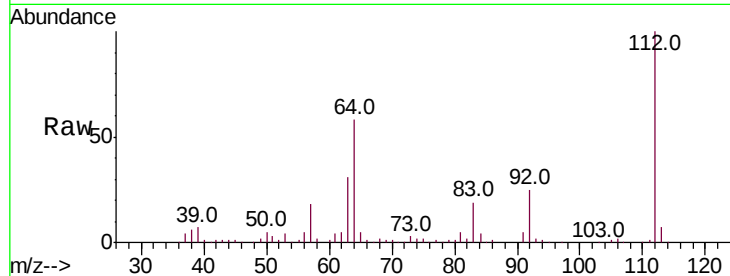
Tot Ion: 112 Resp: 244376

Ion Ratio Lower Upper

112 100

64 57.8 47.9 71.9

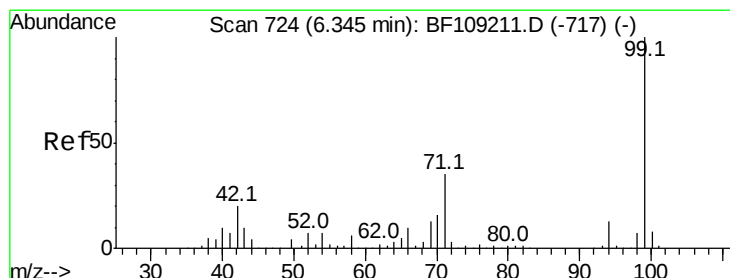
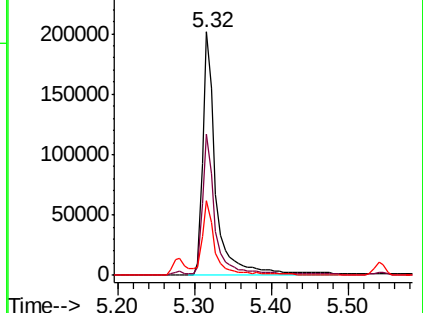
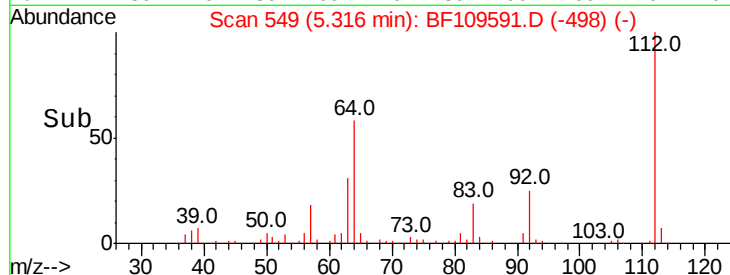
63 30.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 30.228 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109591.D

Acq: 4 Oct 2018 17:14

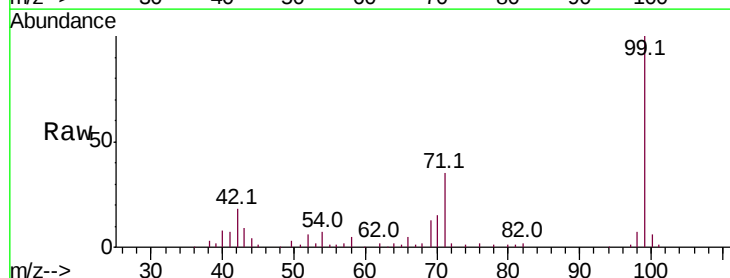
Tgt Ion: 99 Resp: 193380

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

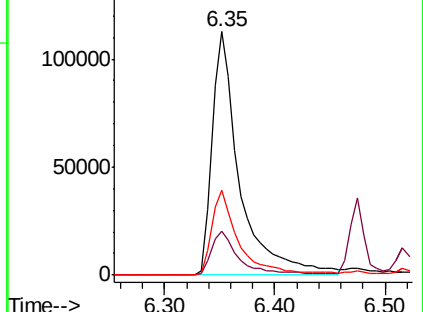
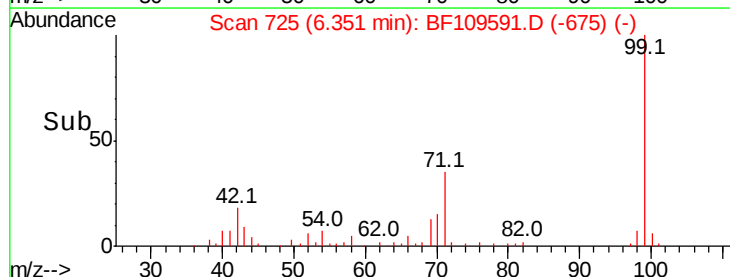
71 35.0 25.4 38.0

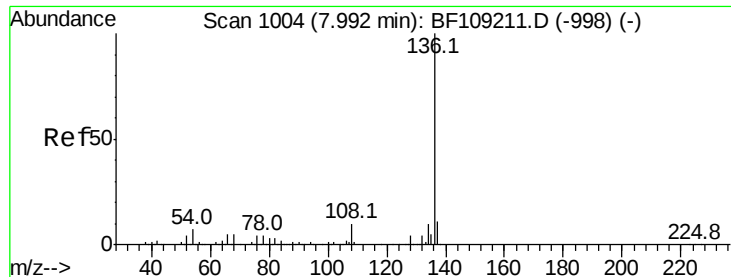


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

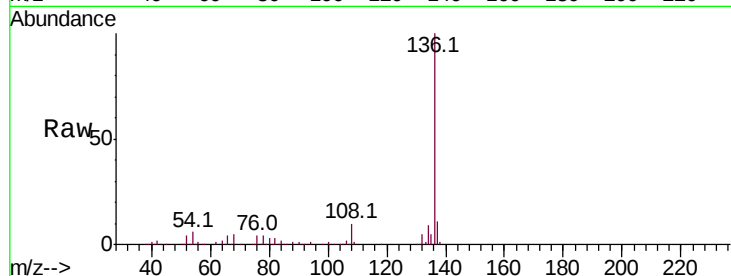




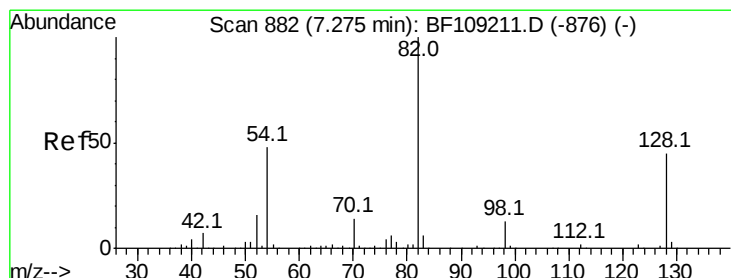
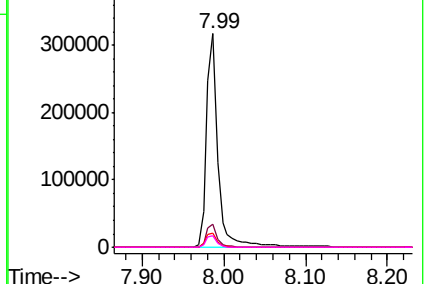
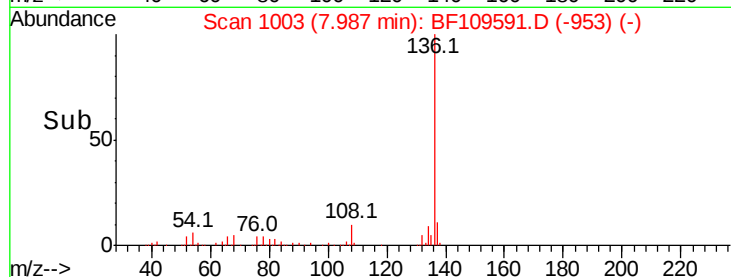
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109591.D
Acq: 4 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
DSN-001A-092818

Tot Ion:136	Resp:	313185
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	6.3	6.6 9.8#
68	5.3	5.0 7.4

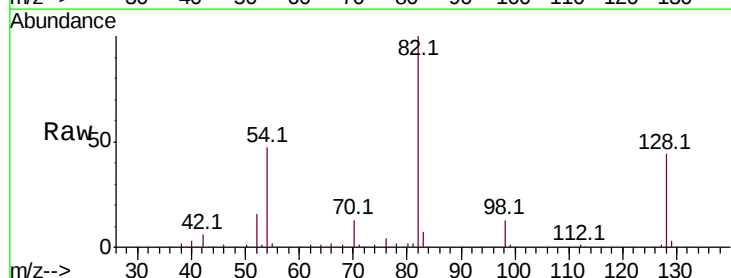


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

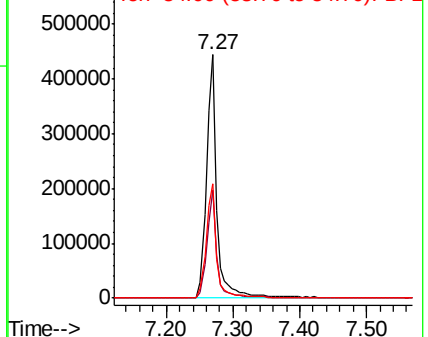
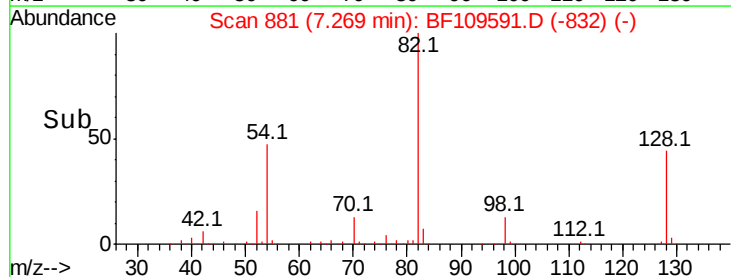


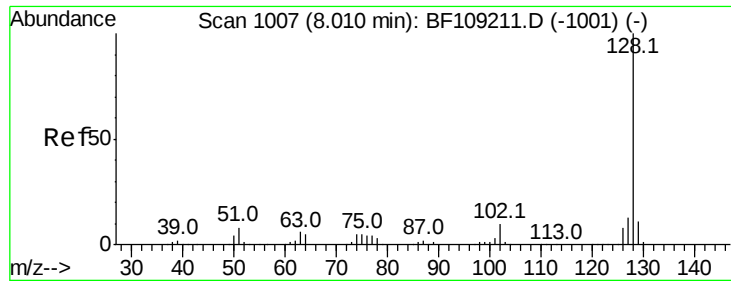
#23
Nitrobenzene-d5
Concen: 90.776 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109591.D
Acq: 4 Oct 2018 17:14

Tgt Ion: 82	Resp:	481600
Ion	Ratio	Lower Upper
82	100	
128	44.3	36.1 54.1
54	46.8	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

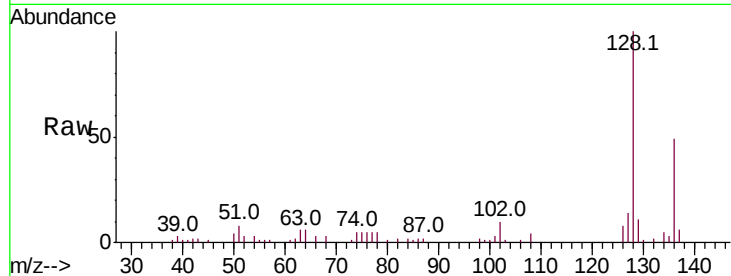




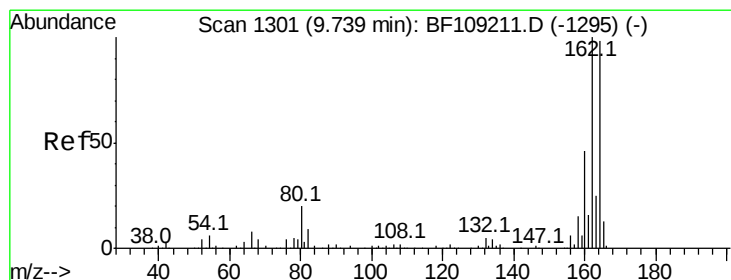
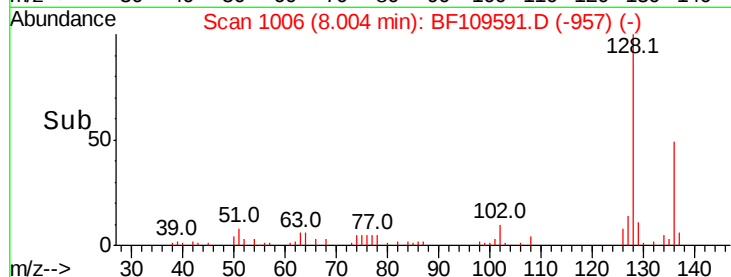
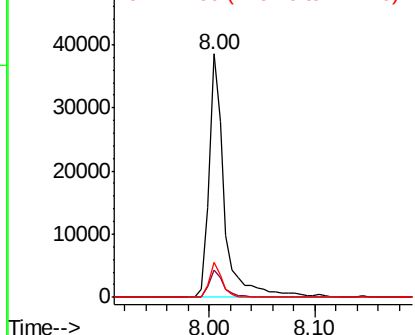
#31
Naphthalene
Concen: 2.672 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109591.D
Acq: 4 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
DSN-001A-092818

Tot Ion:128 Resp: 39104
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 14.4 10.9 16.3

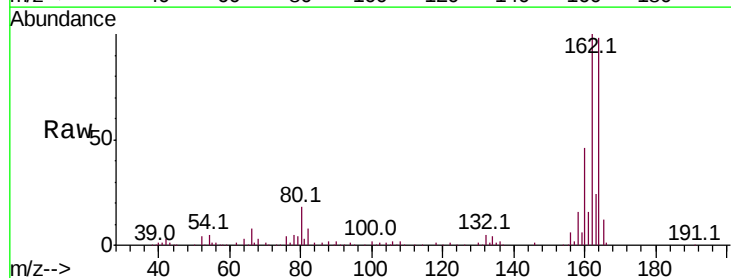


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

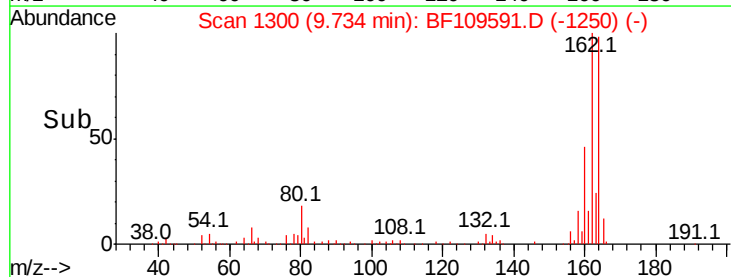
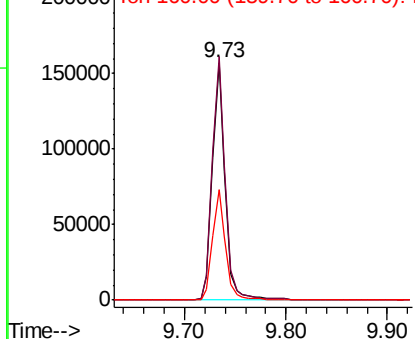


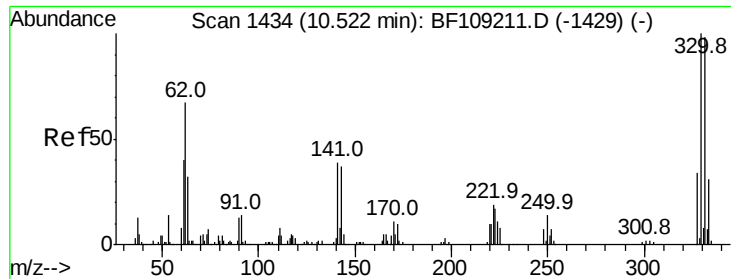
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109591.D
Acq: 4 Oct 2018 17:14

Tgt Ion:164 Resp: 139247
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 46.8 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

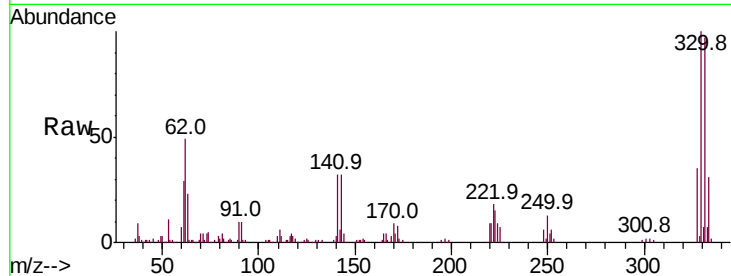




#41
 2,4,6-Tribromophenol
 Concen: 111.522 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109591.D
 Acq: 4 Oct 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 DSN-001A-092818

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	33.9	29.9	44.9

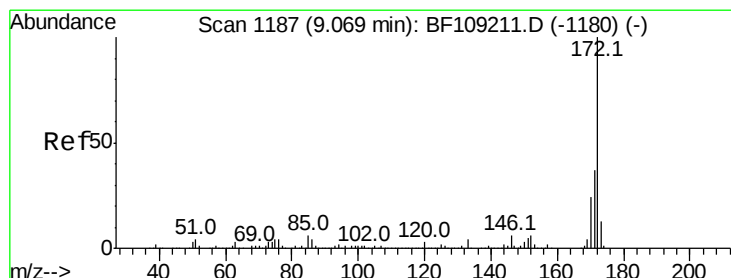
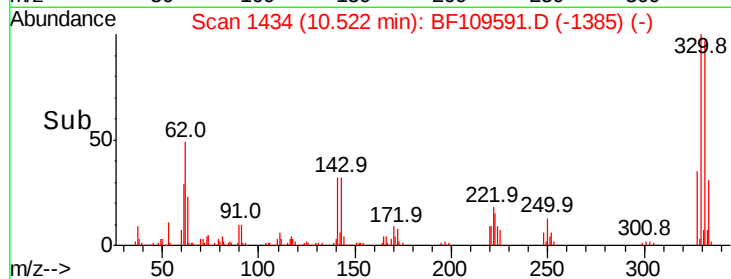
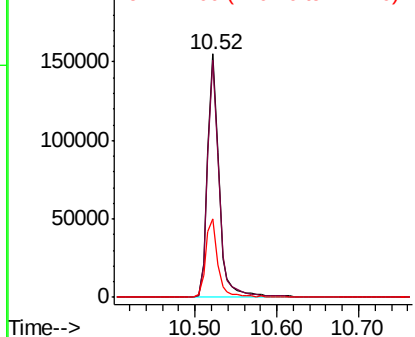


Abundance

Ion 329.80 (329.50 to 330.50): E

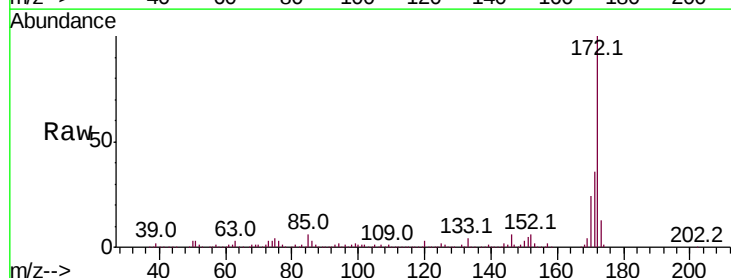
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.979 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109591.D
 Acq: 4 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.0	19.6	29.4

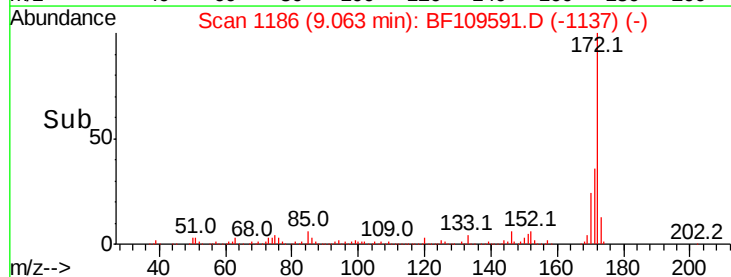
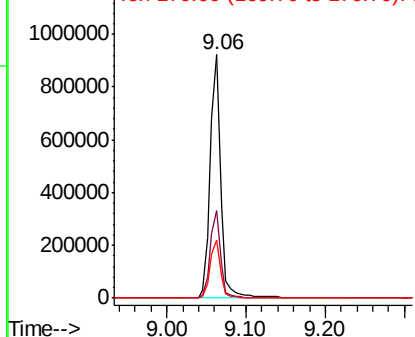


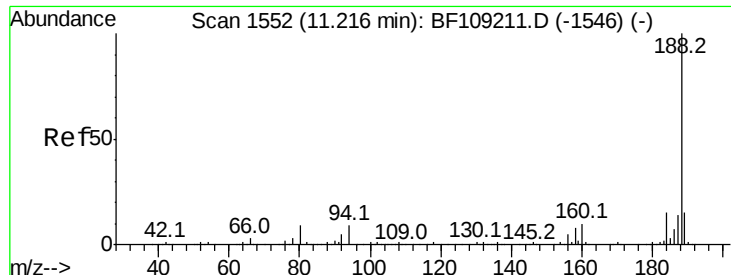
Abundance

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

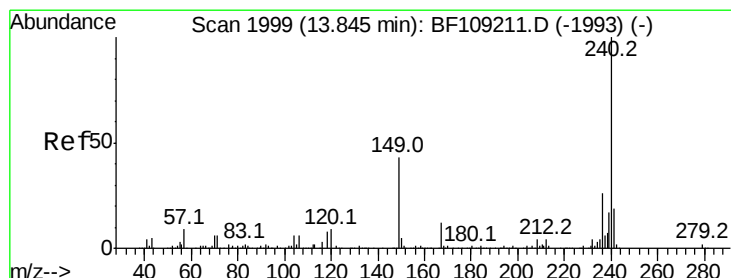
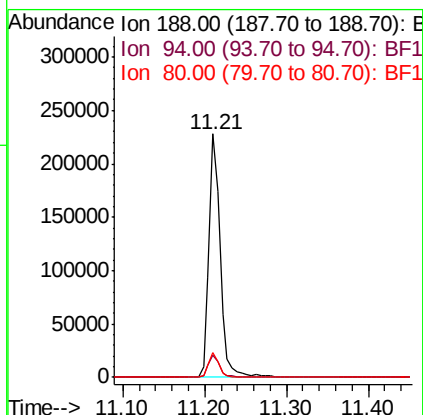
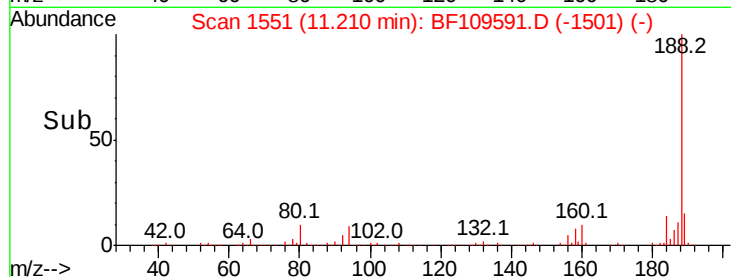
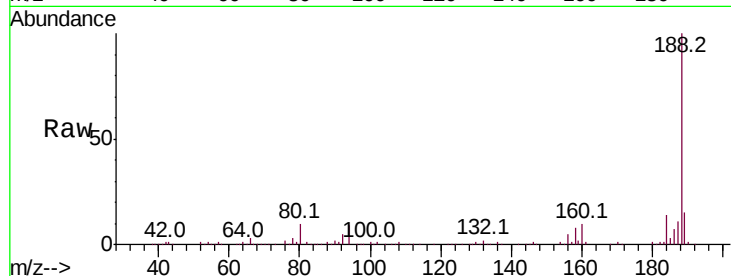




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109591.D
Acq: 4 Oct 2018 17:14

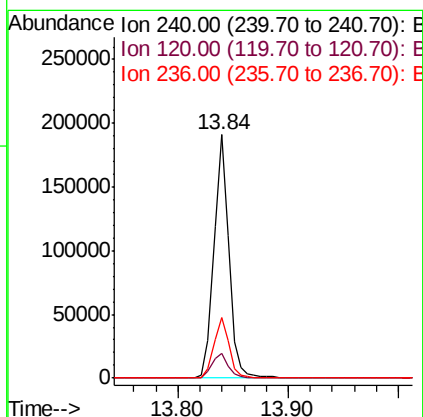
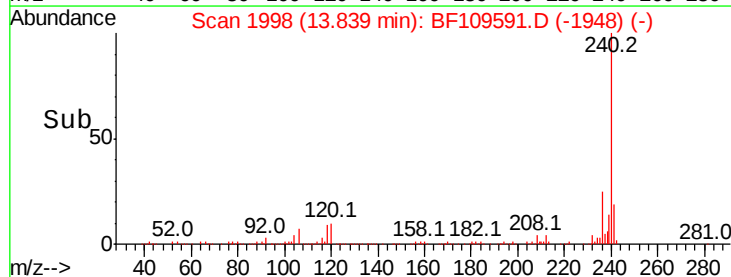
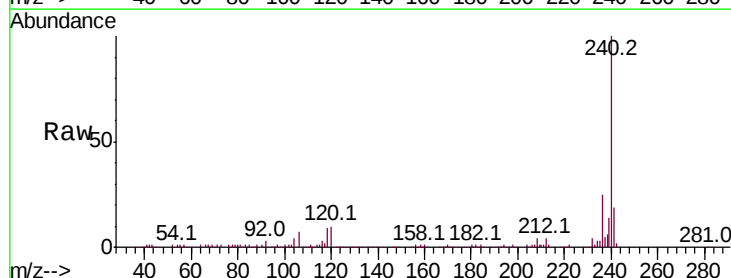
Instrument :
BNA_F
ClientSampleId :
DSN-001A-092818

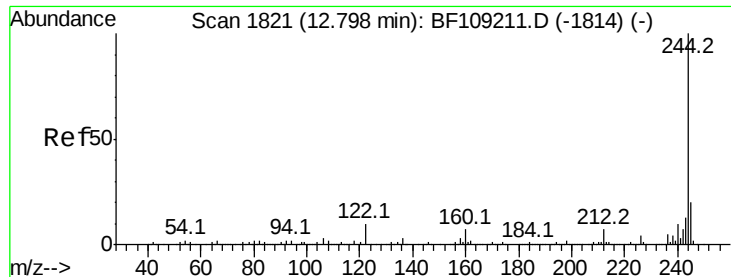
Tot Ion:188 Resp: 219326
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 10.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109591.D
Acq: 4 Oct 2018 17:14

Tgt Ion:240 Resp: 178281
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 24.9 20.7 31.1

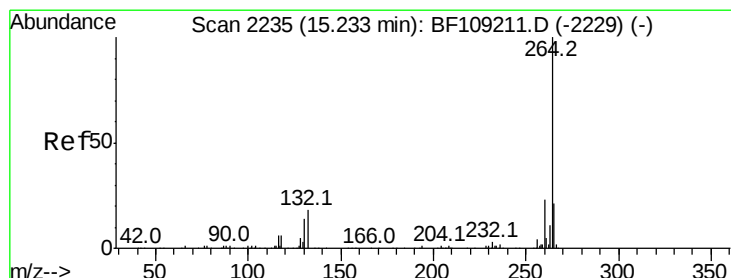
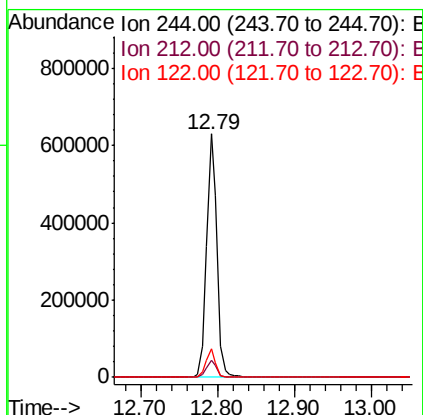
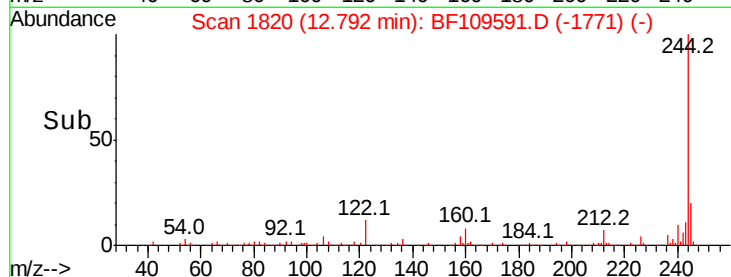
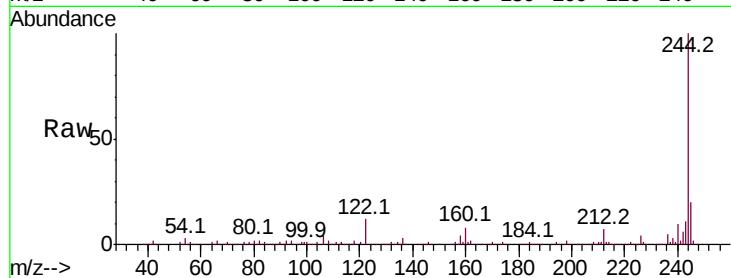




#78
 Terphenyl-d14
 Concen: 80.753 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109591.D
 Acq: 4 Oct 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 DSN-001A-092818

Tot Ion:244 Resp: 586622
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 11.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109591.D
 Acq: 4 Oct 2018 17:14

Tgt Ion:264 Resp: 175584
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.3 17.5 26.3

