

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109664.D
 Acq On : 8 Oct 2018 22:53
 Operator : JU/SJ
 Sample : J5304-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CA-AQIDW-20181004

Quant Time: Oct 09 04:53:34 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

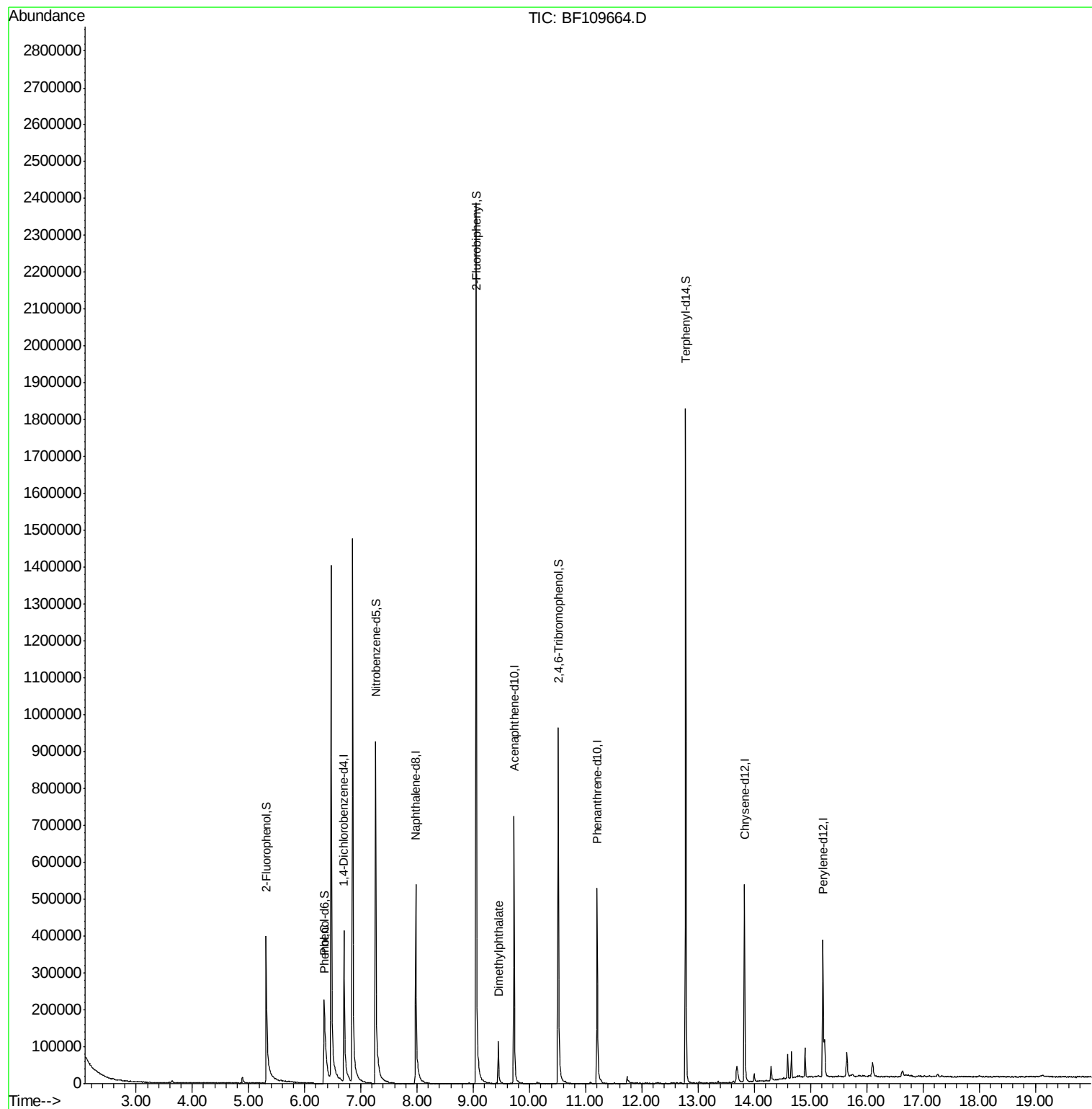
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	100189	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	395101	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	164742	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	275556	20.00	ng	0.00
75) Chrysene-d12	13.83	240	221493	20.00	ng	0.00
86) Perylene-d12	15.22	264	190453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	226277	40.09	ng	0.00
7) Phenol-d6	6.35	99	205738	27.29	ng	-0.01
23) Nitrobenzene-d5	7.26	82	488904	68.21	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	152113	84.74	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	859237	71.83	ng	0.00
78) Terphenyl-d14	12.78	244	649387	56.76	ng	0.00
Target Compounds						
10) Phenol	6.36	94	20567	2.379	ng	91
49) Dimethylphthalate	9.45	163	66501	5.504	ng	98

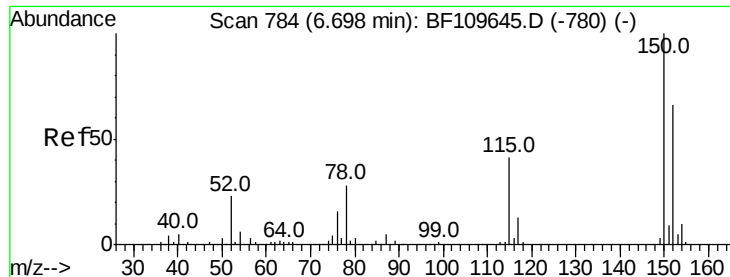
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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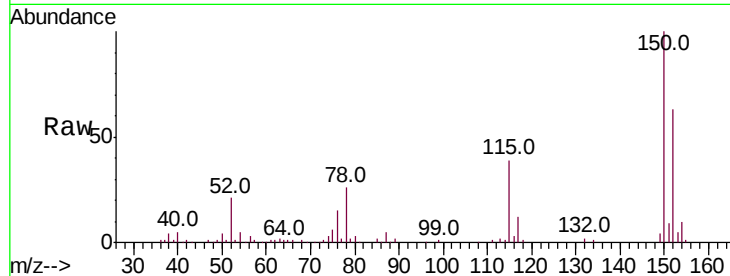


#1

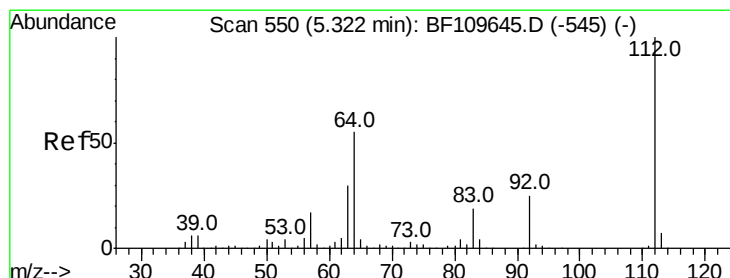
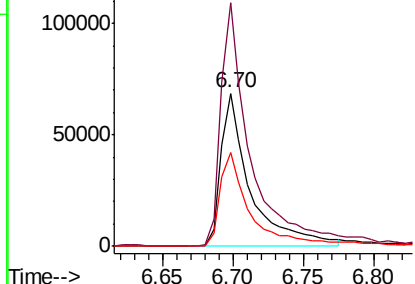
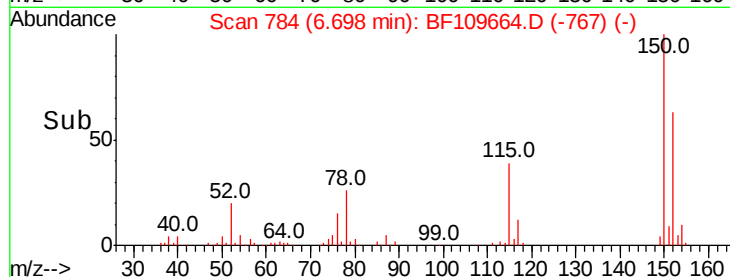
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109664.D
Acq: 8 Oct 2018 22:53

Instrument :
BNA_F
ClientSampleId :
CA-AQIDW-20181004

Tot Ion:152 Resp: 100189
Ion Ratio Lower Upper
152 100
150 158.8 122.7 184.1
115 61.2 49.1 73.7



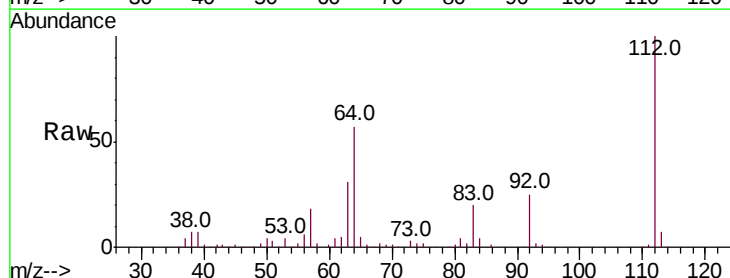
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



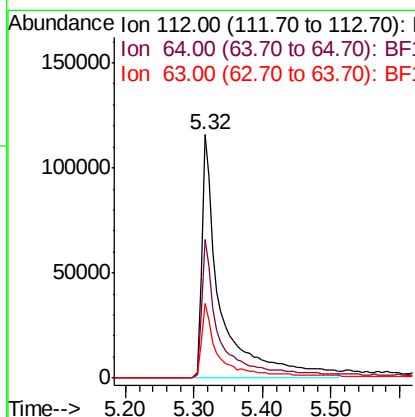
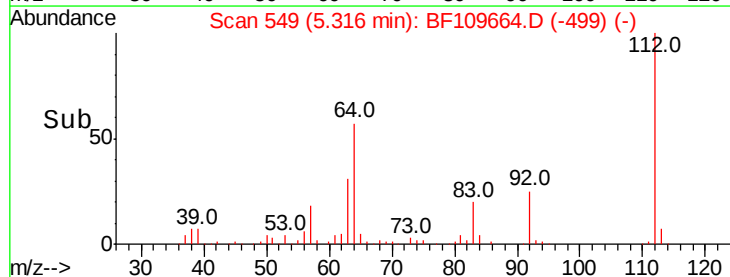
#5

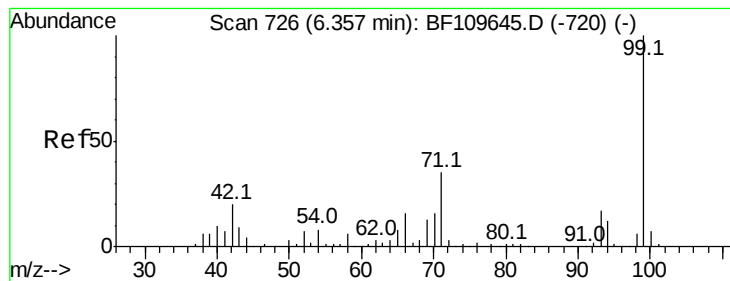
2-Fluorophenol
Concen: 40.089 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109664.D
Acq: 8 Oct 2018 22:53

Tgt Ion:112 Resp: 226277
Ion Ratio Lower Upper
112 100
64 57.0 44.1 66.1
63 30.8 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: 27.285 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Instrument :

BNA_F

ClientSampleId :

CA-AQIDW-20181004

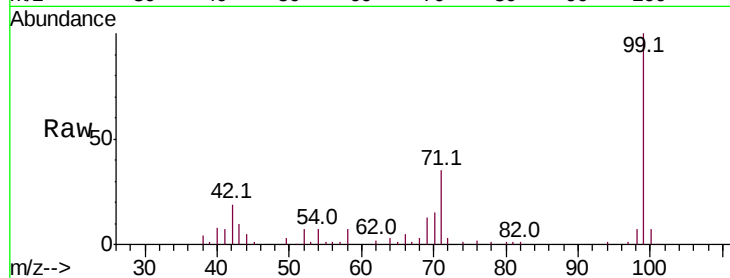
Tot Ion: 99 Resp: 205738

Ion Ratio Lower Upper

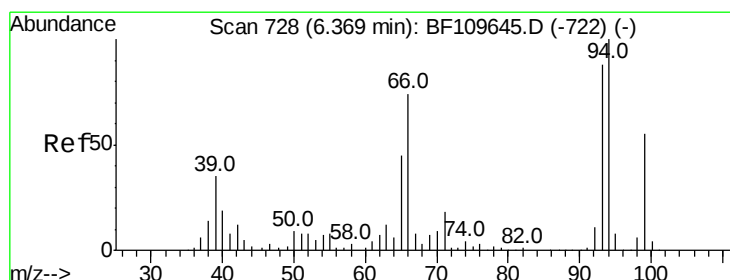
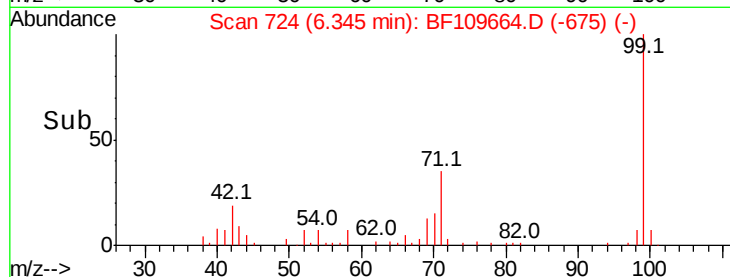
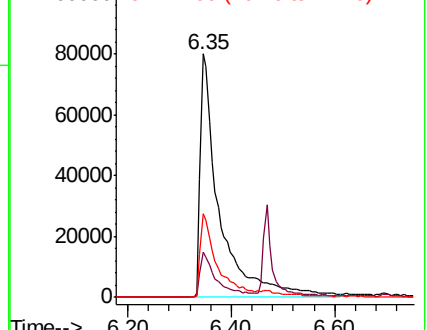
99 100

42 18.8 15.8 23.6

71 34.5 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



#10

Phenol

Concen: 2.379 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

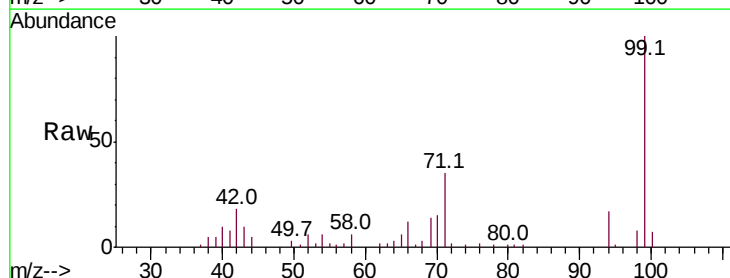
Tgt Ion: 94 Resp: 20567

Ion Ratio Lower Upper

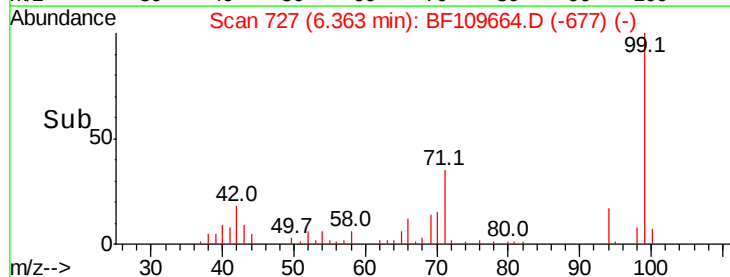
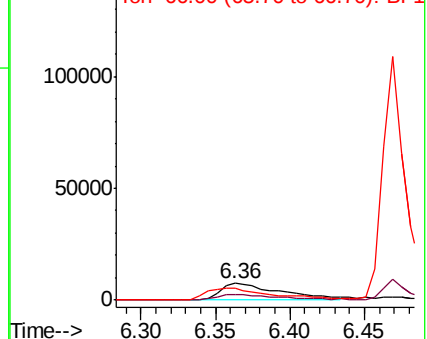
94 100

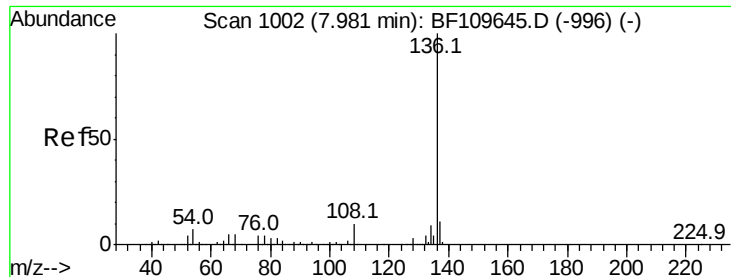
65 33.5 25.3 65.3

66 70.9 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Instrument :

BNA_F

ClientSampleId :

CA-AQIDW-20181004

Tot Ion:136 Resp: 395101

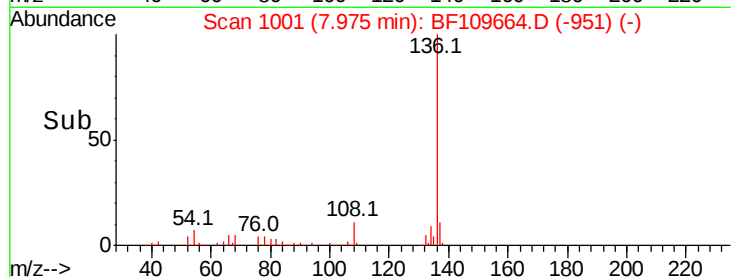
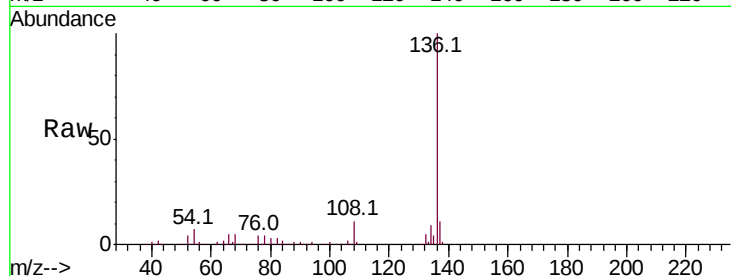
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.4 5.4 8.2

68 5.4 4.2 6.2

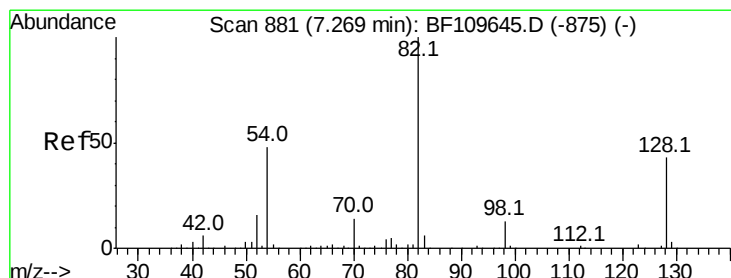
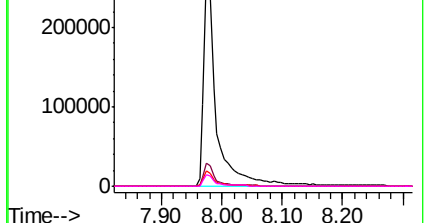


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.211 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

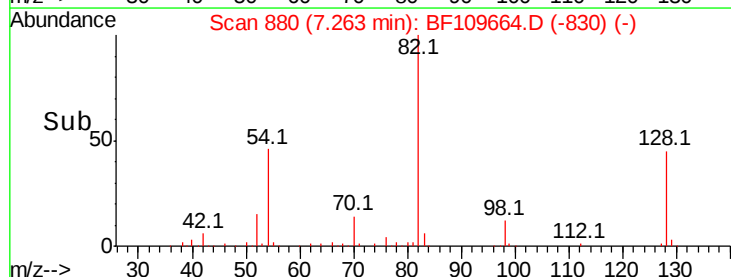
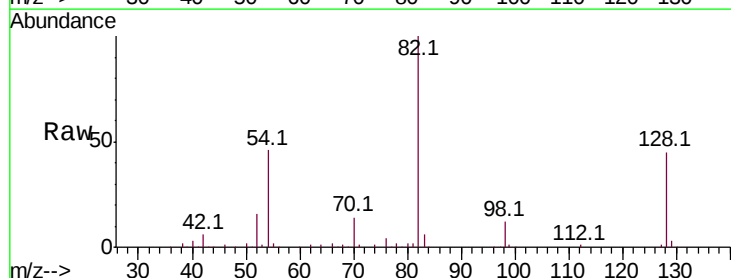
Tgt Ion: 82 Resp: 488904

Ion Ratio Lower Upper

82 100

128 44.9 34.2 51.2

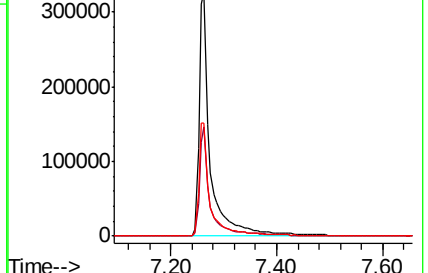
54 46.5 38.6 58.0

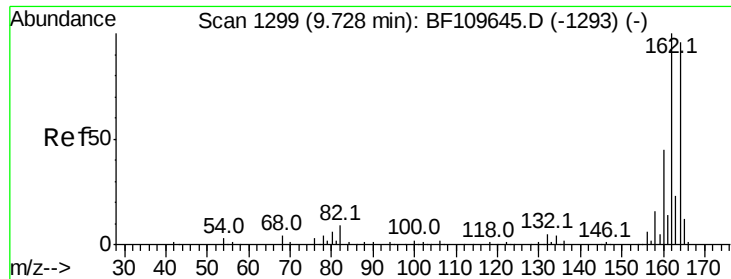


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

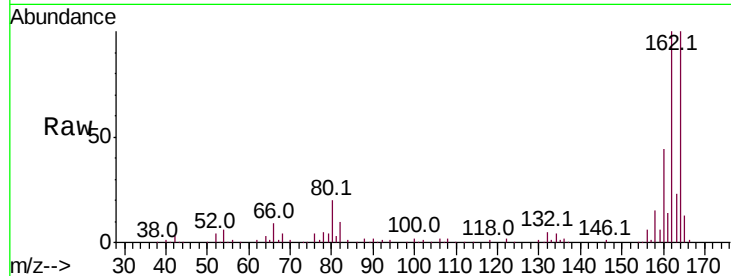




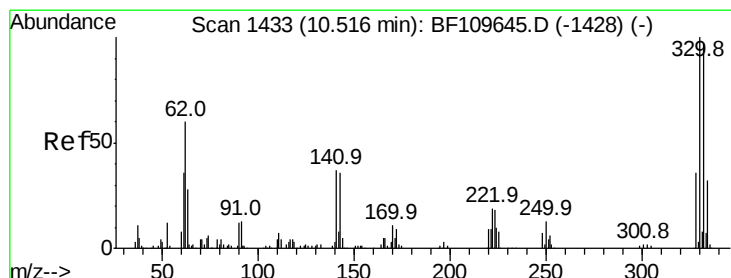
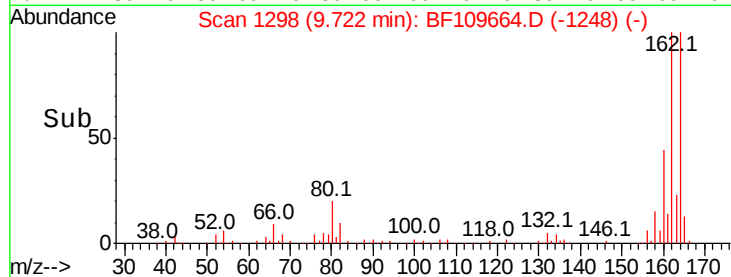
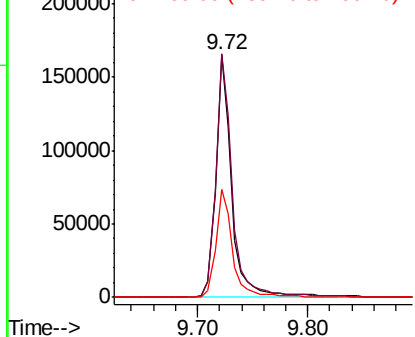
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109664.D
 Acq: 8 Oct 2018 22:53

Instrument :
 BNA_F
 ClientSampleId :
 CA-AQIDW-20181004

Tot Ion:164 Resp: 164742
 Ion Ratio Lower Upper
 164 100
 162 100.3 83.0 124.6
 160 44.5 37.0 55.6

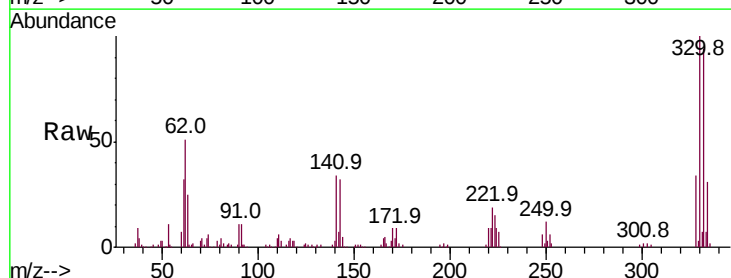


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

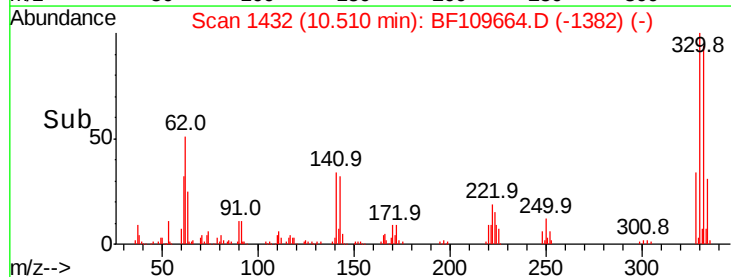
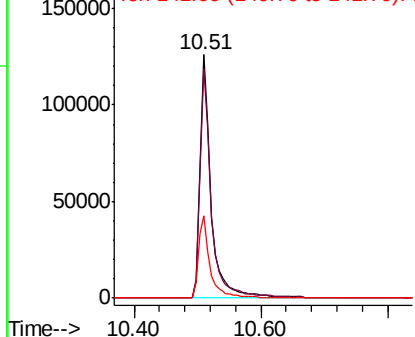


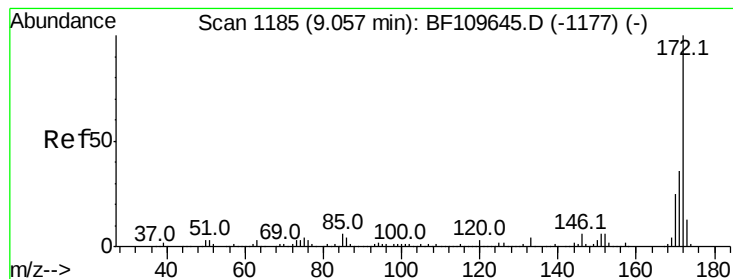
#41
 2,4,6-Tribromophenol
 Concen: 84.741 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109664.D
 Acq: 8 Oct 2018 22:53

Tgt Ion:330 Resp: 152113
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 34.0 27.0 40.4



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: 71.833 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Instrument :

BNA_F

ClientSampleId :

CA-AQIDW-20181004

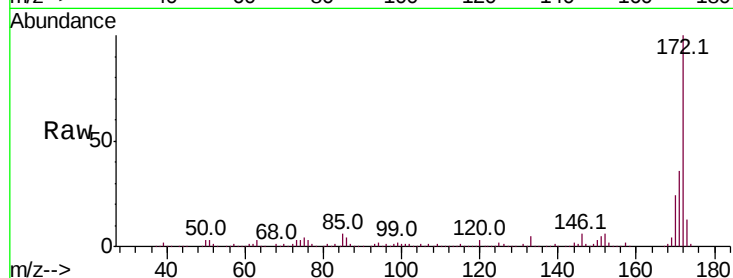
Tot Ion:172 Resp: 859237

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

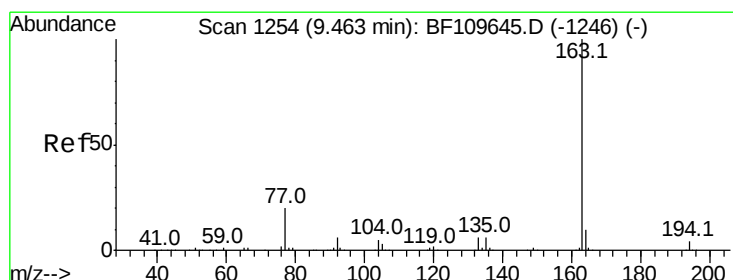
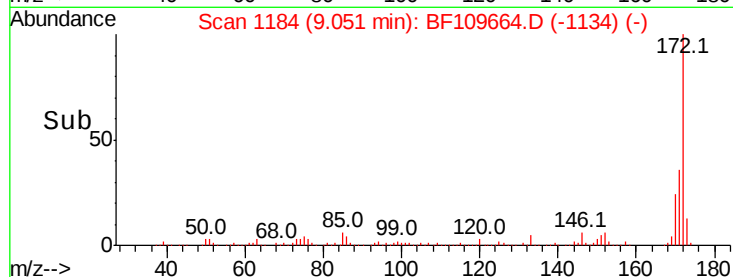
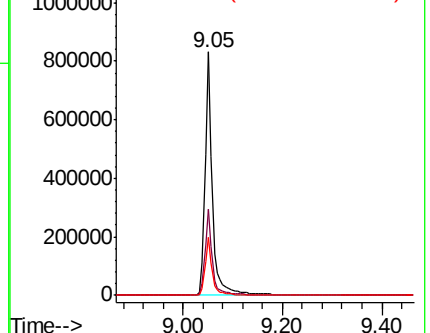
170 23.6 19.7 29.5



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: 5.504 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

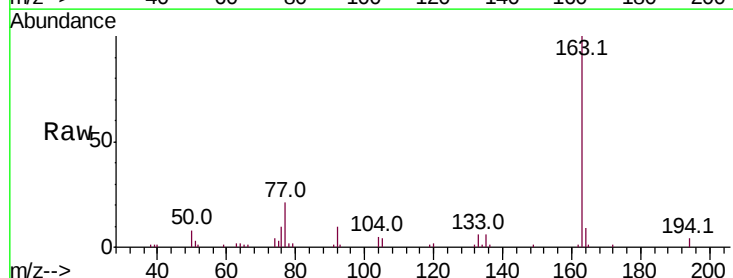
Tgt Ion:163 Resp: 66501

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

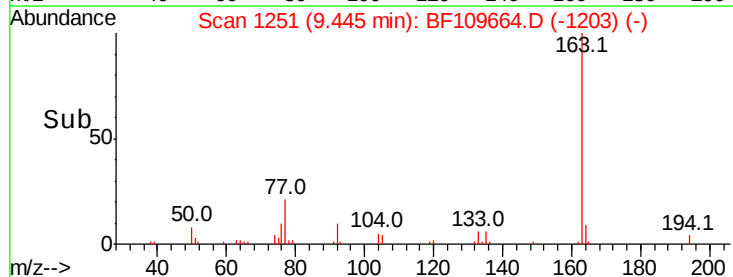
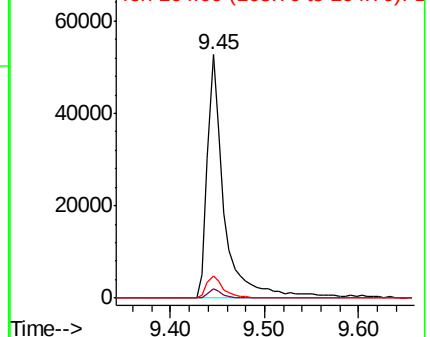
164 9.3 8.1 12.1

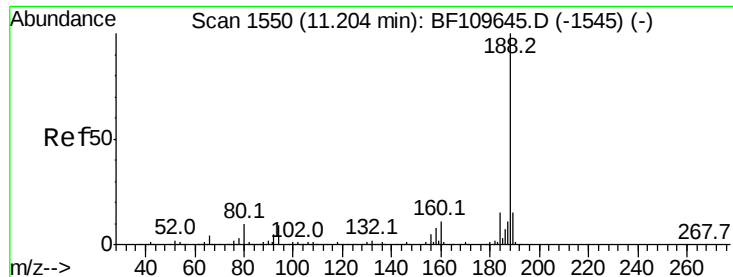


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

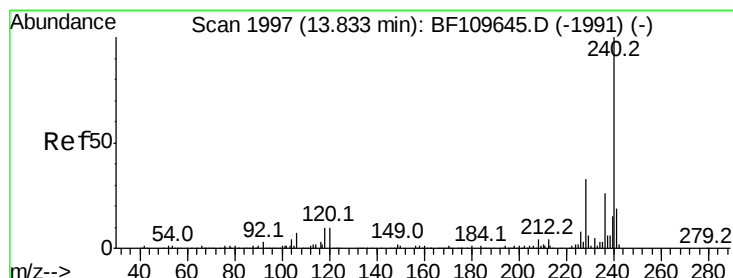
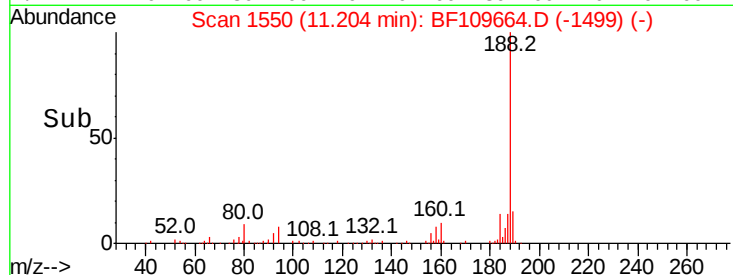
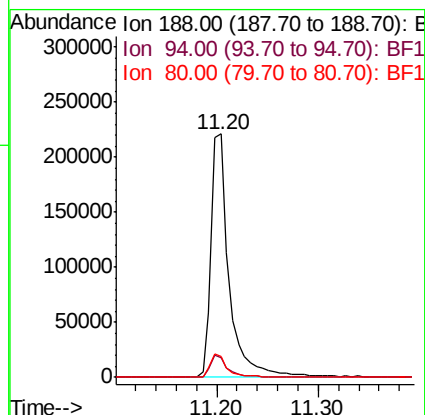
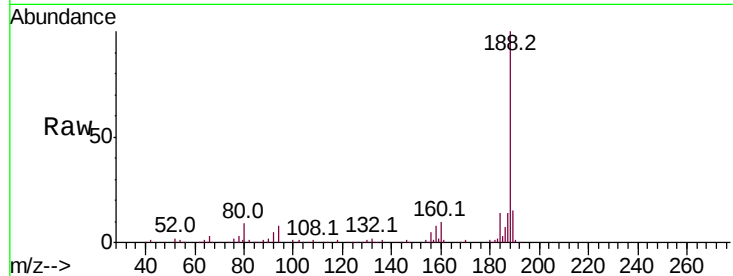




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109664.D
Acq: 8 Oct 2018 22:53

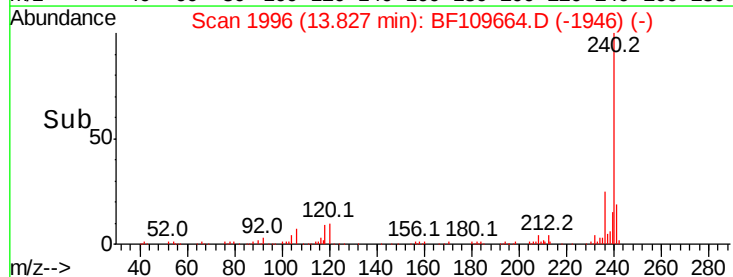
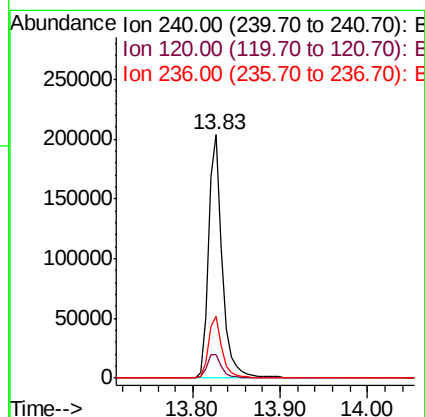
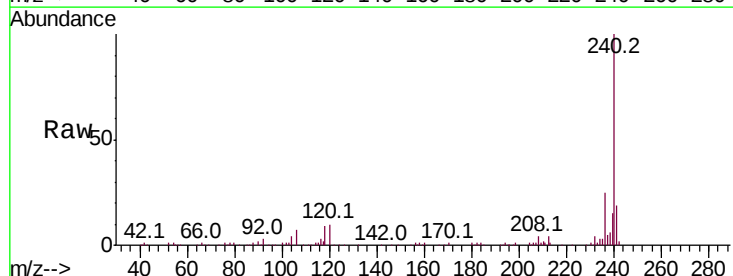
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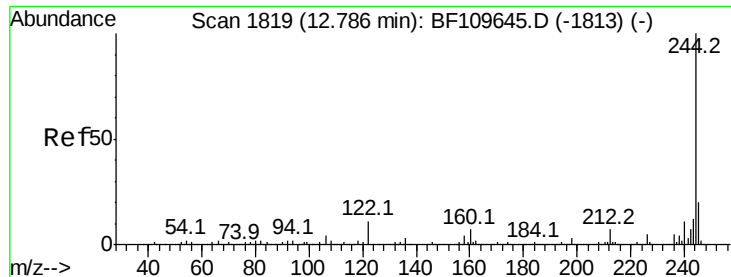
Tot Ion:188 Resp: 275556
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.7 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109664.D
Acq: 8 Oct 2018 22:53

Tgt Ion:240 Resp: 221493
Ion Ratio Lower Upper
240 100
120 9.7 8.3 12.5
236 25.4 21.2 31.8





#78

Terphenyl-d14

Concen: 56.756 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Instrument :

BNA_F

ClientSampleId :

CA-AQIDW-20181004

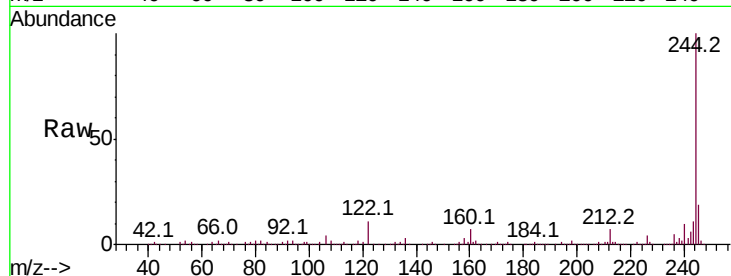
Tot Ion:244 Resp: 649387

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

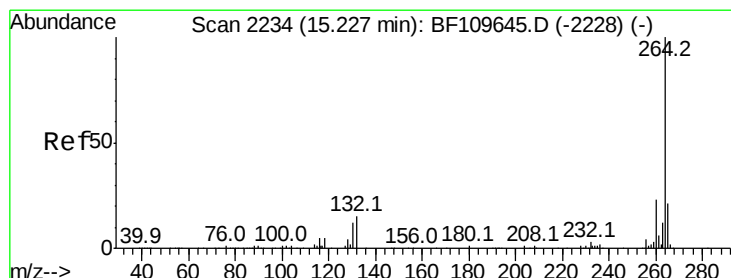
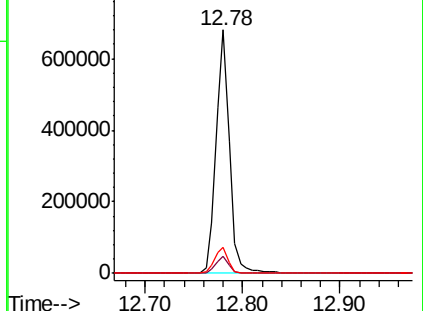
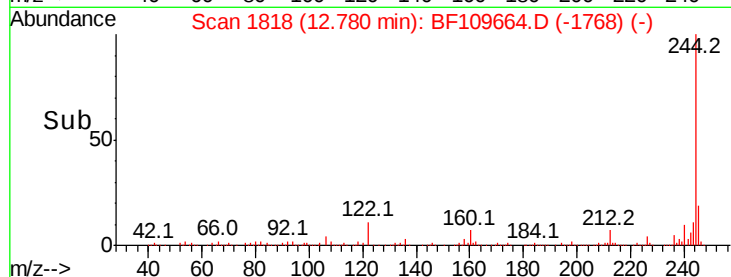
122 10.6 8.7 13.1



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: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

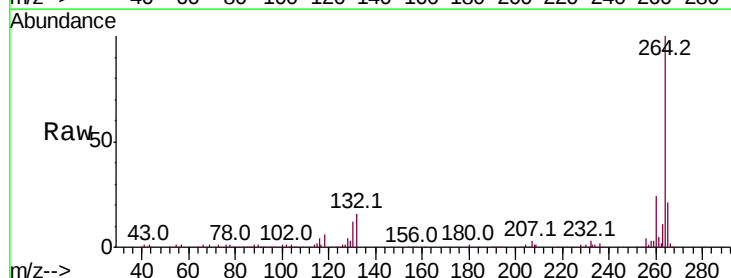
Tgt Ion:264 Resp: 190453

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 20.8 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

