

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109202.D
 Acq On : 21 Sep 2018 00:26
 Operator : JU/SJ
 Sample : J4988-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 METUCHEN-4

Quant Time: Sep 21 09:15:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

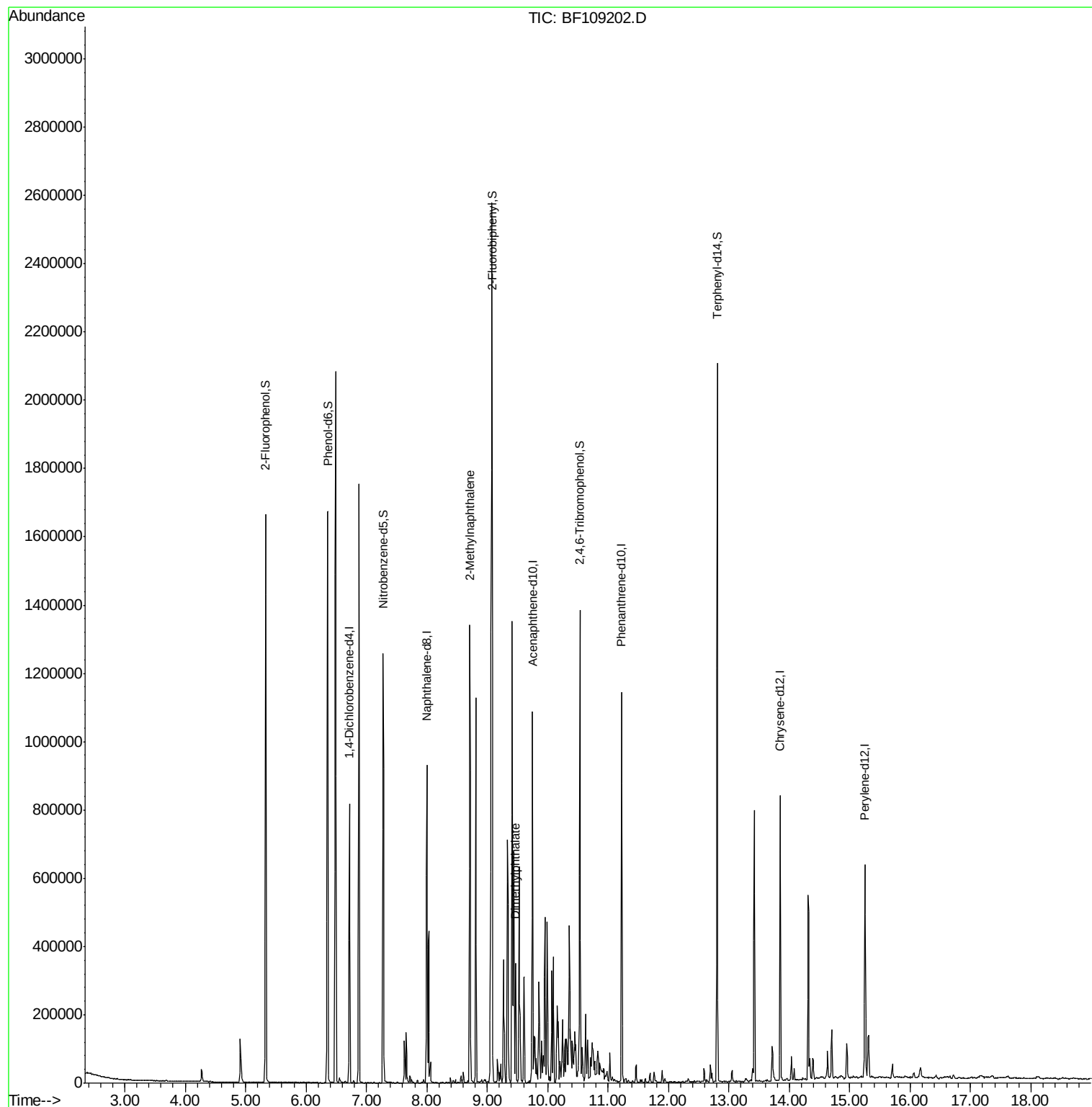
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	103303	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	360811	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	199889	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	394468	20.00	ng	0.00
75) Chrysene-d12	13.85	240	276696	20.00	ng	-0.01
86) Perylene-d12	15.25	264	278952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	470472	75.64	ng	0.00
7) Phenol-d6	6.36	99	630396	78.60	ng	0.00
23) Nitrobenzene-d5	7.28	82	423215	65.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	167204	77.08	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	725472	56.86	ng	0.00
78) Terphenyl-d14	12.81	244	726839	62.26	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.71	142	334638	30.654	ng	97
49) Dimethylphthalate	9.47	163	137889	9.652	ng	99

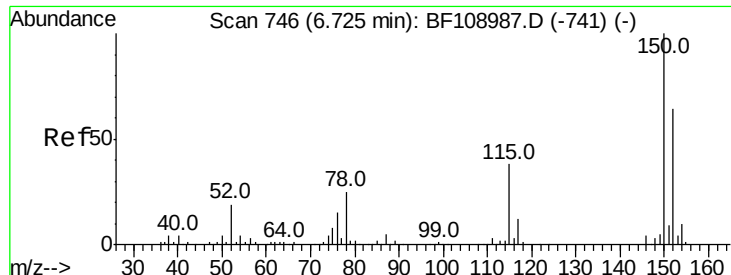
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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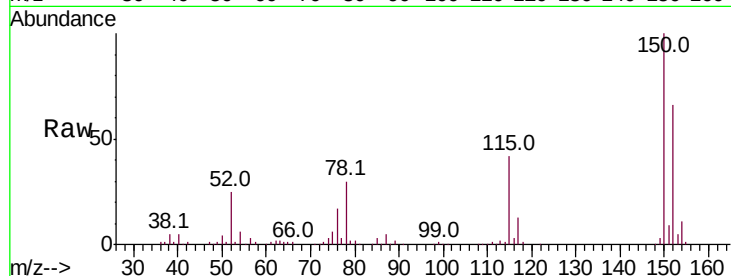


#1

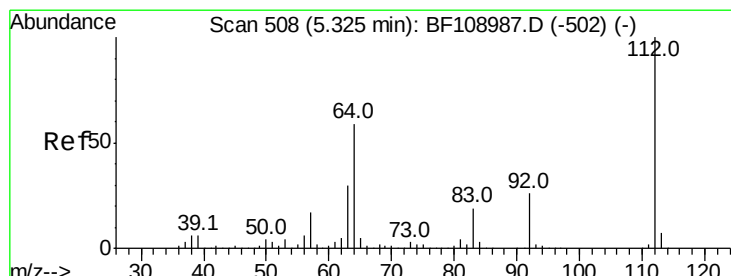
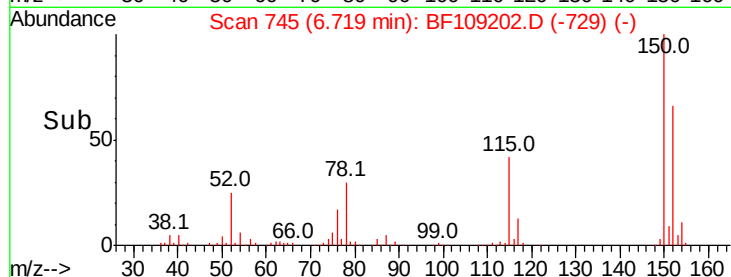
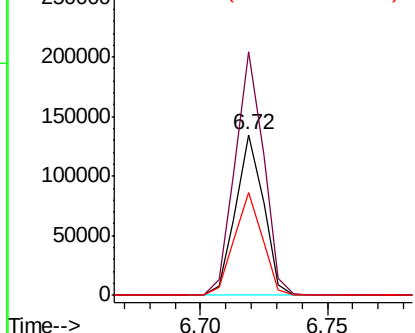
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109202.D
Acq: 21 Sep 2018 00:26

Instrument :
BNA_F
ClientSampleId :
METUCHEN-4

Tot Ion:152 Resp: 103303
Ion Ratio Lower Upper
152 100
150 151.8 124.6 186.8
115 63.7 50.1 75.1



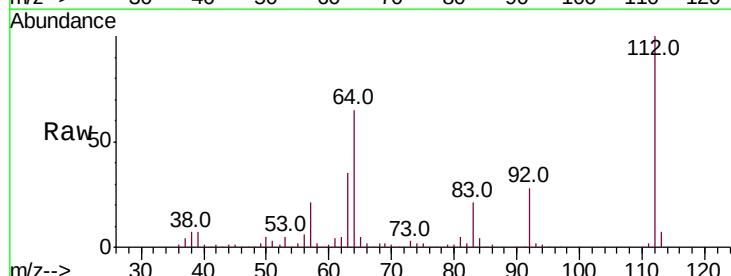
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



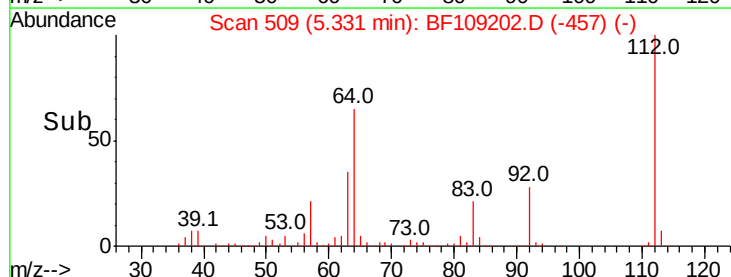
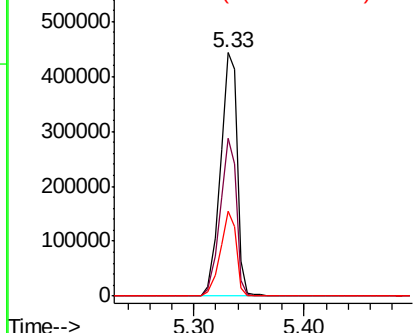
#5

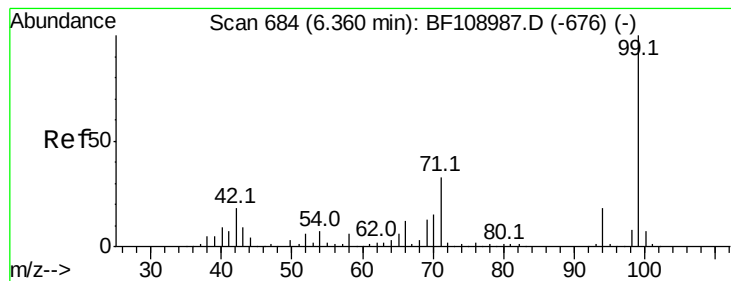
2-Fluorophenol
Concen: 75.641 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109202.D
Acq: 21 Sep 2018 00:26

Tgt Ion:112 Resp: 470472
Ion Ratio Lower Upper
112 100
64 64.7 47.9 71.9
63 34.7 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: 78.602 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109202.D

Acq: 21 Sep 2018 00:26

Instrument :

BNA_F

ClientSampleId :

METUCHEN-4

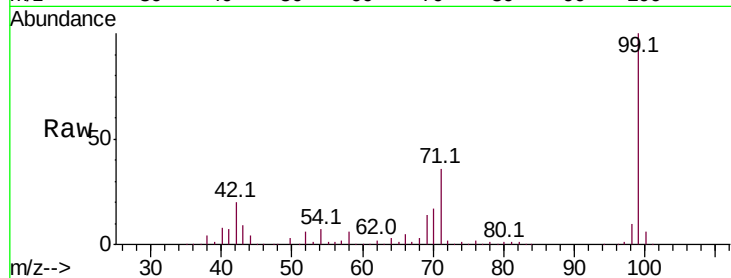
Tot Ion: 99 Resp: 630396

Ion Ratio Lower Upper

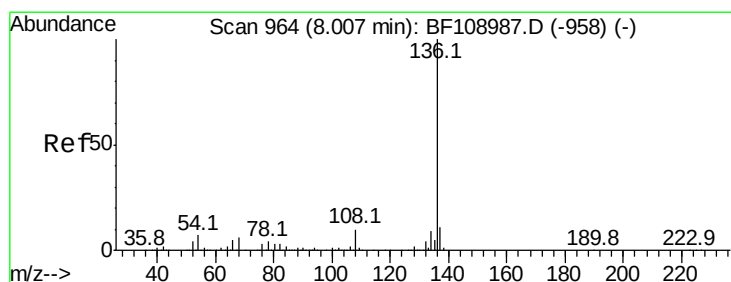
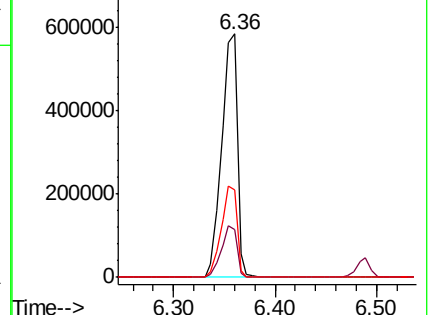
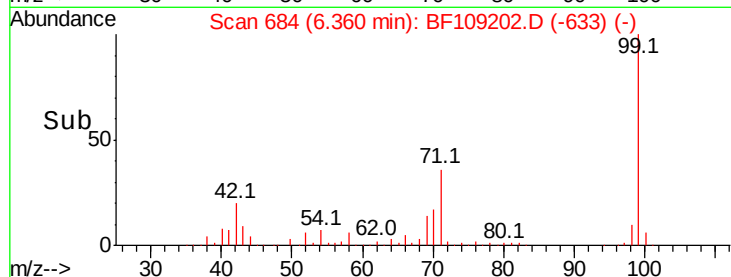
99 100

42 19.5 14.5 21.7

71 35.8 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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109202.D

Acq: 21 Sep 2018 00:26

Tgt Ion: 136 Resp: 360811

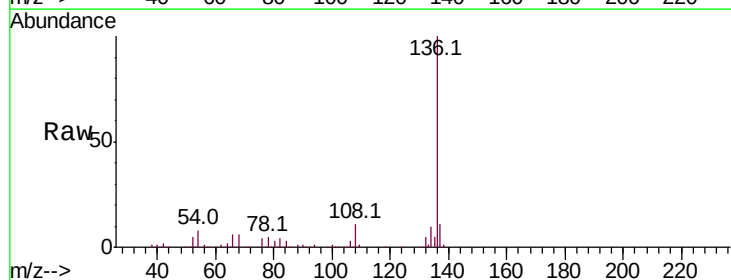
Ion Ratio Lower Upper

136 100

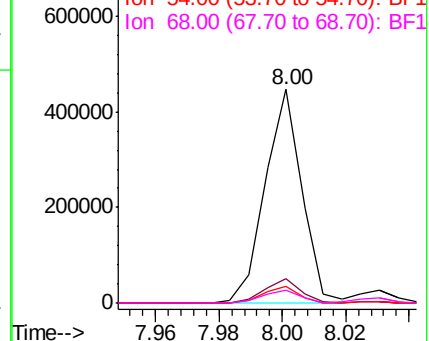
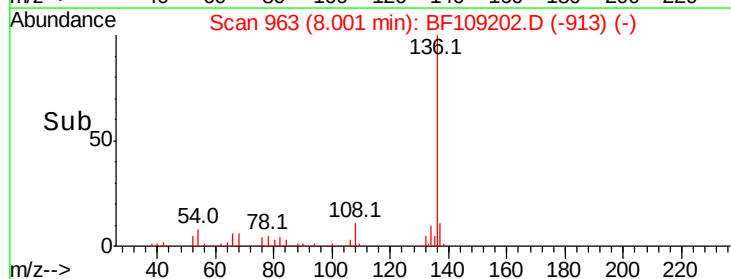
137 11.1 8.9 13.3

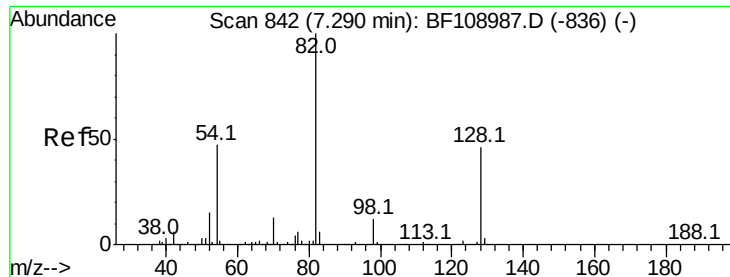
54 7.7 6.6 9.8

68 5.8 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

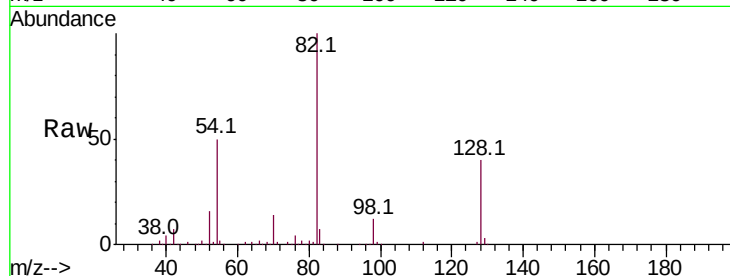




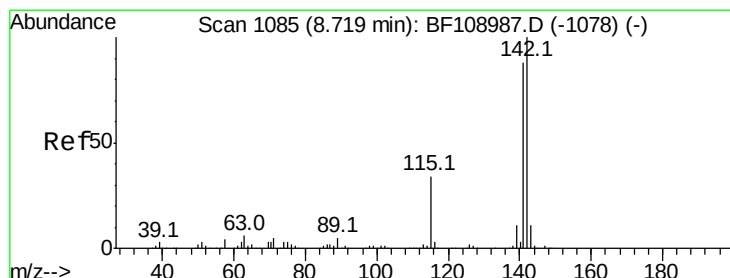
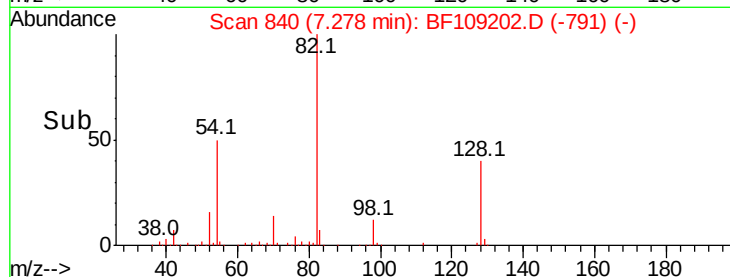
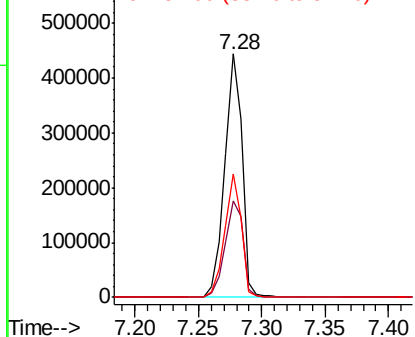
#23
Nitrobenzene-d5
Concen: 65.789 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109202.D
Acq: 21 Sep 2018 00:26

Instrument :
BNA_F
ClientSampleId :
METUCHEN-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	36.1	54.1
54	50.5	41.4	62.2

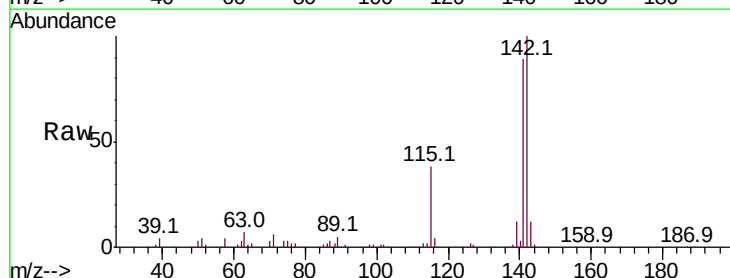


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

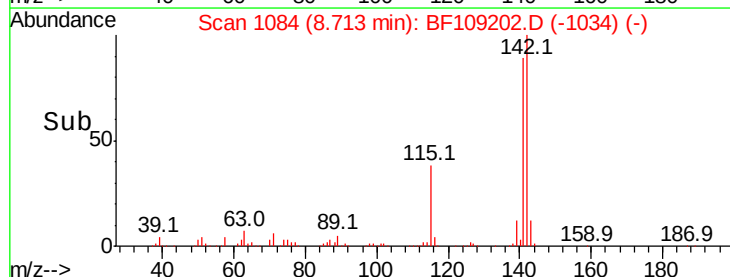
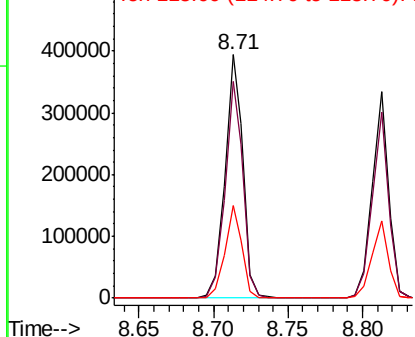


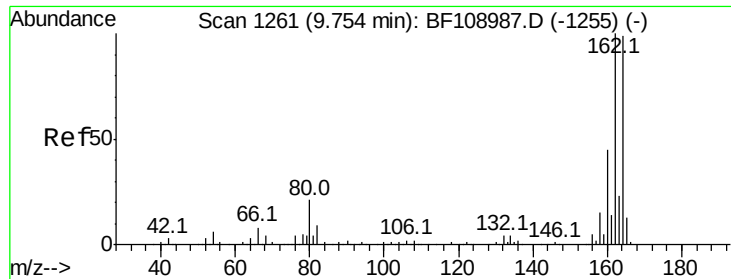
#37
2-Methylnaphthalene
Concen: 30.654 ng
RT: 8.71 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF109202.D
Acq: 21 Sep 2018 00:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	37.9	26.1	39.1



Abundance Ion 142.00 (141.70 to 142.70): BF1
Ion 141.00 (140.70 to 141.70): BF1
Ion 115.00 (114.70 to 115.70): BF1

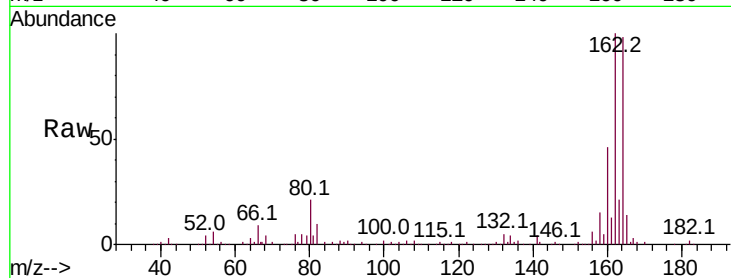




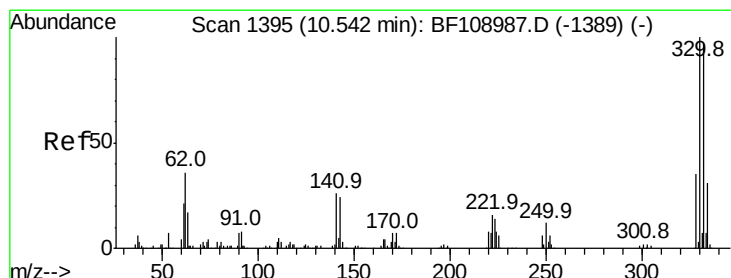
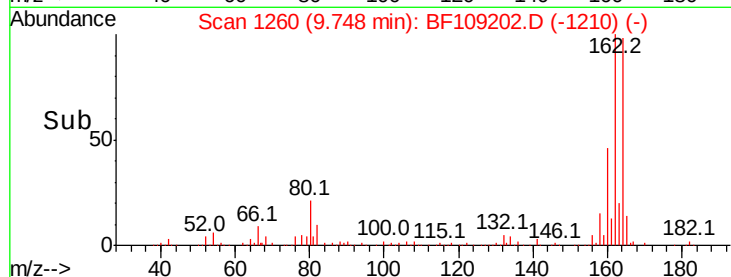
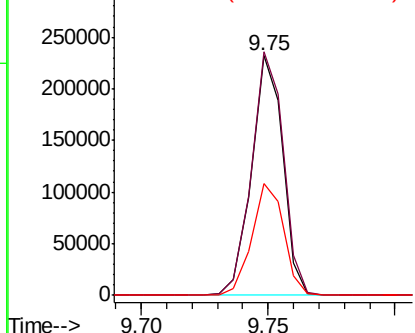
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109202.D
 Acq: 21 Sep 2018 00:26

Instrument :
 BNA_F
 ClientSampleId :
 METUCHEN-4

Tot Ion:164 Resp: 199889
 Ion Ratio Lower Upper
 164 100
 162 101.7 86.1 129.1
 160 46.6 38.3 57.5

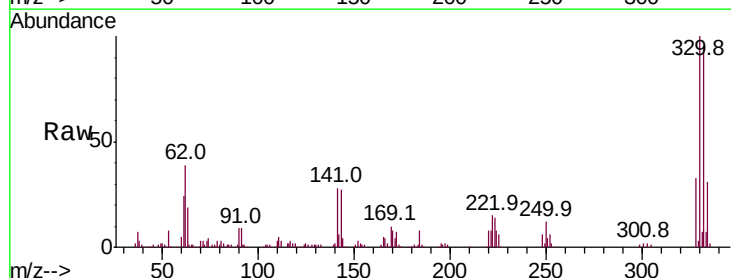


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

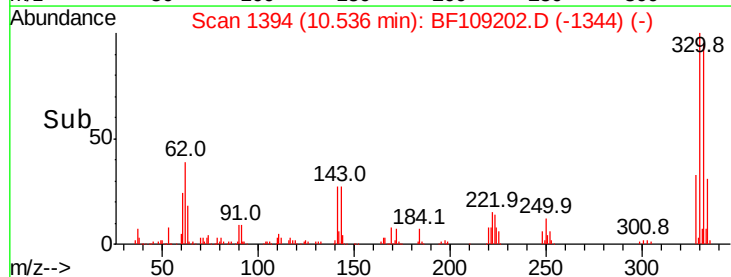
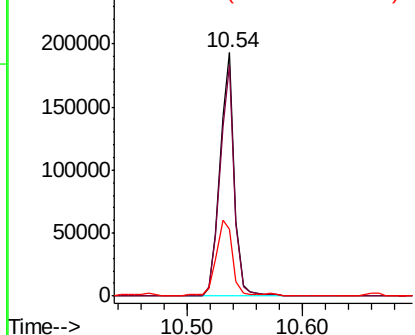


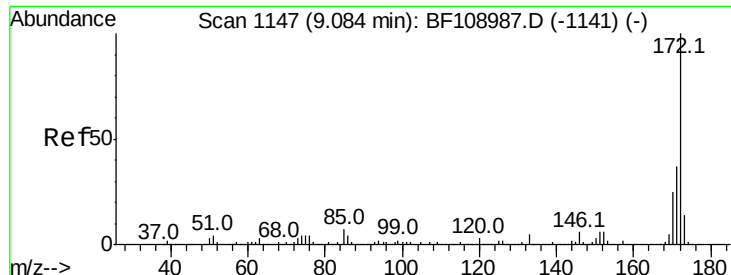
#41
 2,4,6-Tribromophenol
 Concen: 77.076 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109202.D
 Acq: 21 Sep 2018 00:26

Tgt Ion:330 Resp: 167204
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 35.0 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

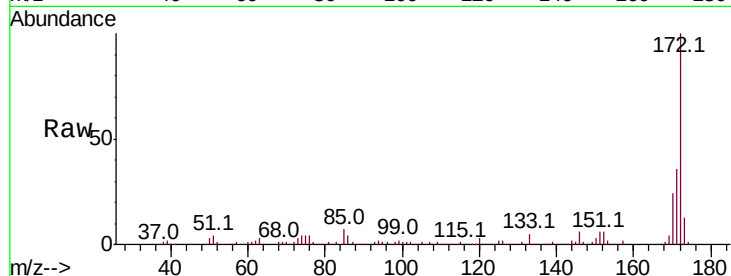




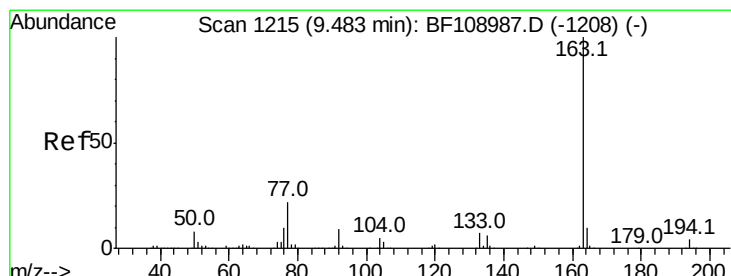
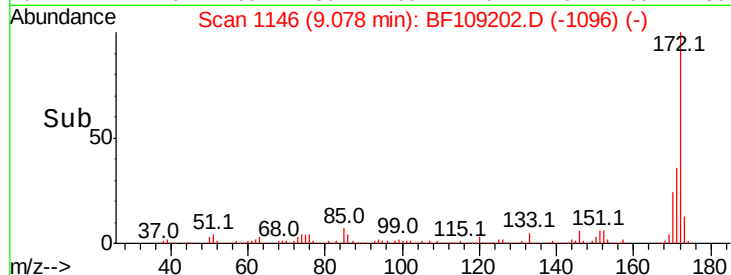
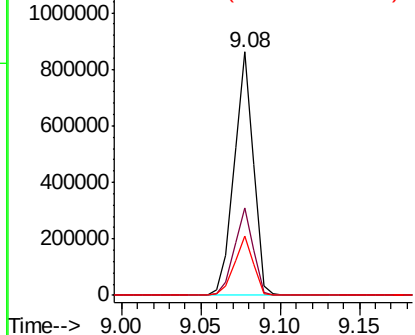
#44
2-Fluorobiphenyl
Concen: 56.862 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109202.D
Acq: 21 Sep 2018 00:26

Instrument :
BNA_F
ClientSampleId :
METUCHEN-4

Tot	Ion:172	Resp:	725472
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	19.6	29.4

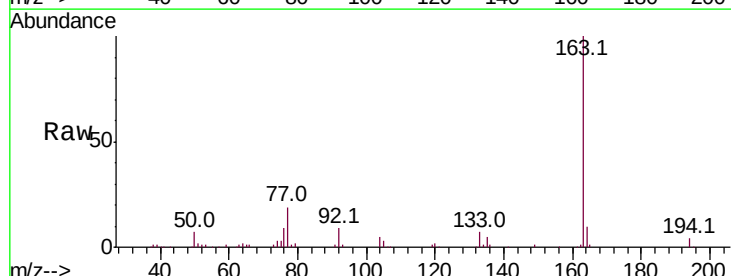


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

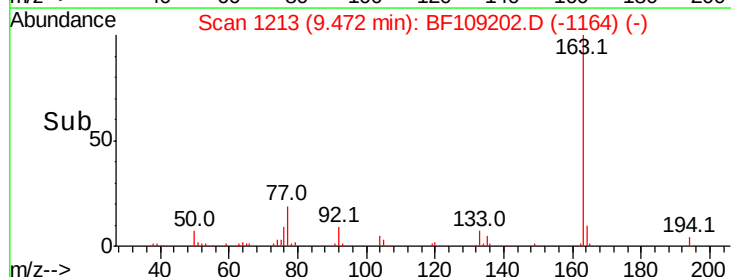
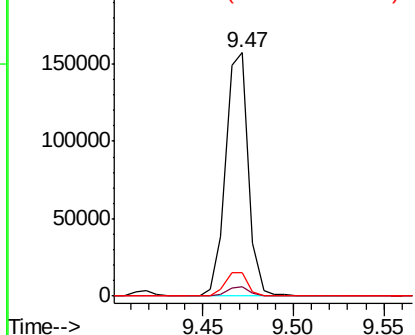


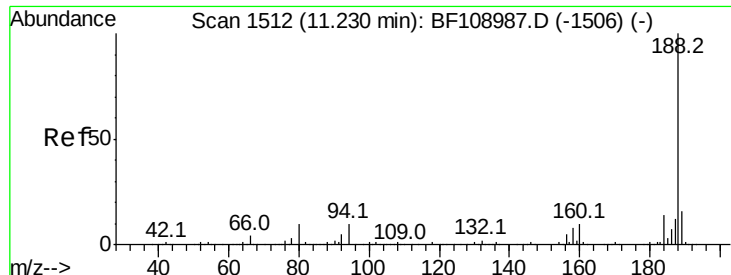
#49
Dimethylphthalate
Concen: 9.652 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109202.D
Acq: 21 Sep 2018 00:26

Tgt Ion	163	Resp: Lower	137889 Upper
	Ratio		
163	100		
194	4.0	2.7	4.1
164	9.8	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

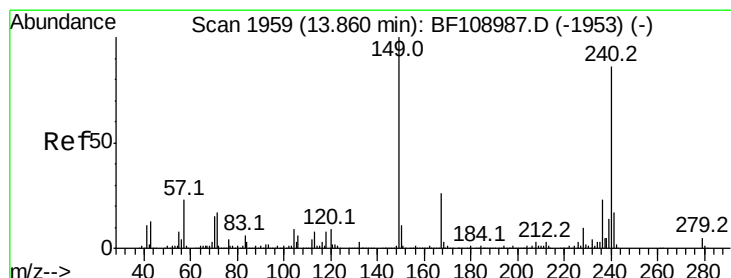
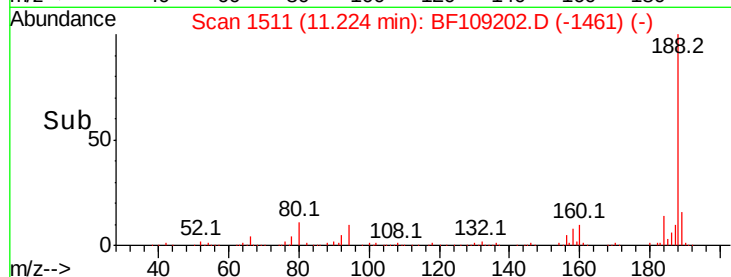
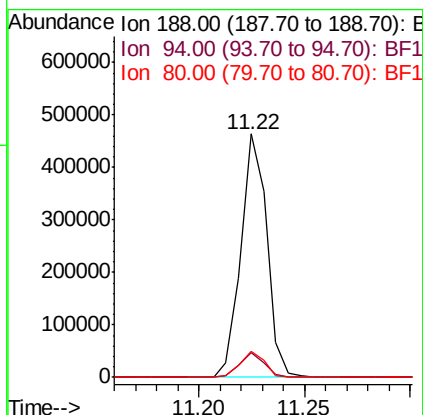
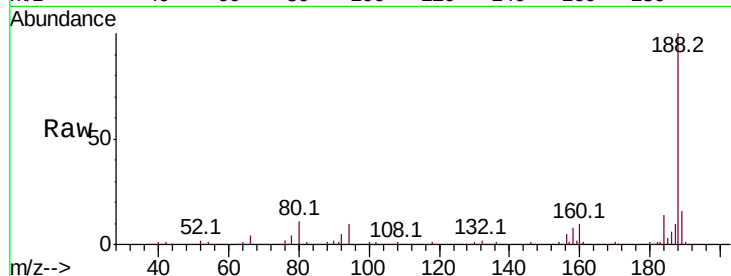




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109202.D
Acq: 21 Sep 2018 00:26

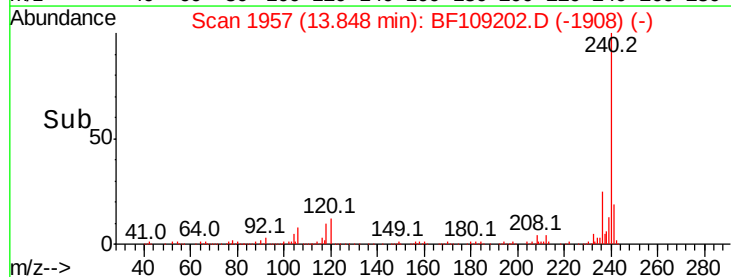
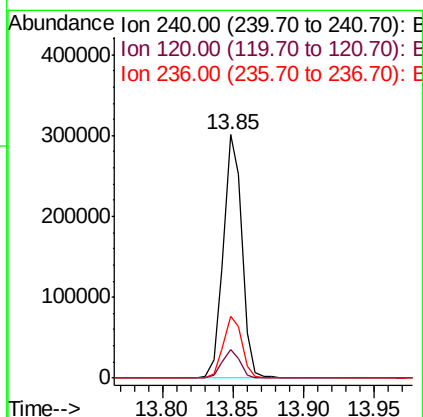
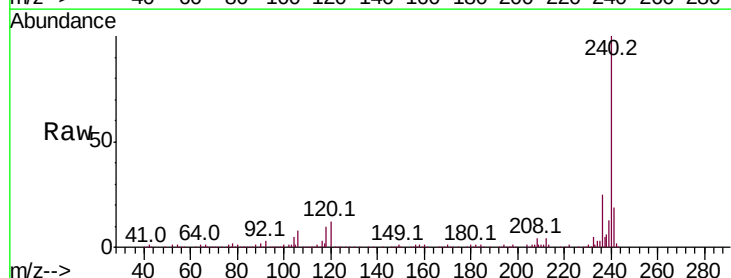
Instrument :
BNA_F
ClientSampleId :
METUCHEN-4

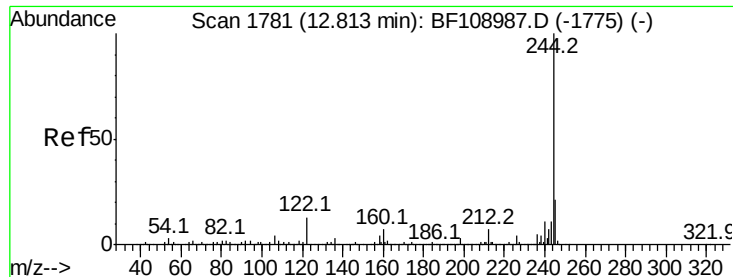
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.9	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109202.D
Acq: 21 Sep 2018 00:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.2	20.7	31.1





#78

Terphenyl-d14

Concen: 62.263 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109202.D

Acq: 21 Sep 2018 00:26

Instrument :

BNA_F

ClientSampleId :

METUCHEN-4

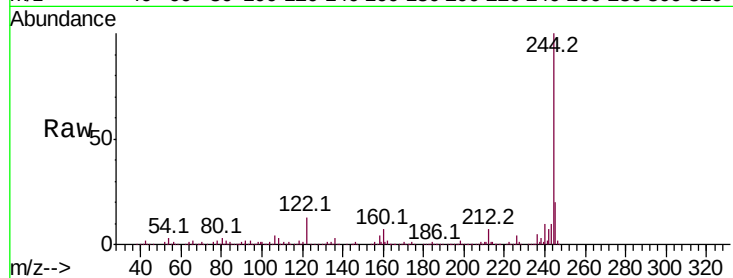
Tot Ion:244 Resp: 726839

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

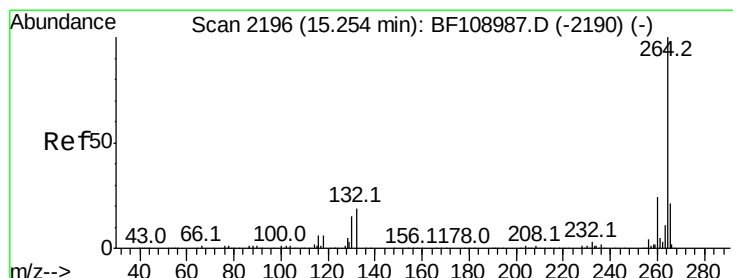
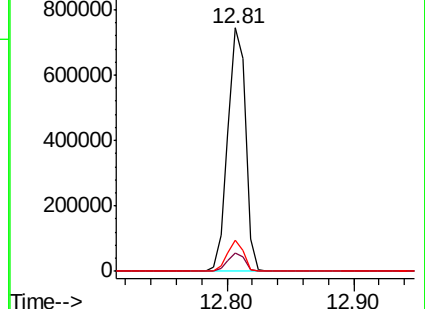
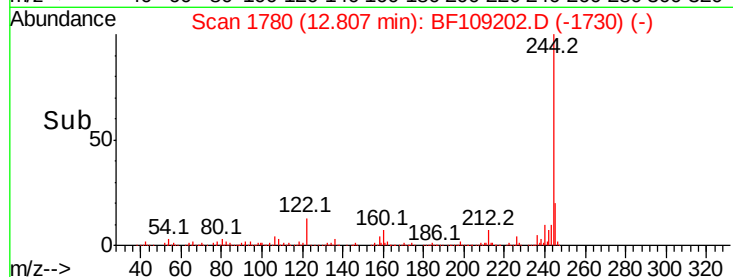
122 12.6 11.0 16.4



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: 15.25 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BF109202.D

Acq: 21 Sep 2018 00:26

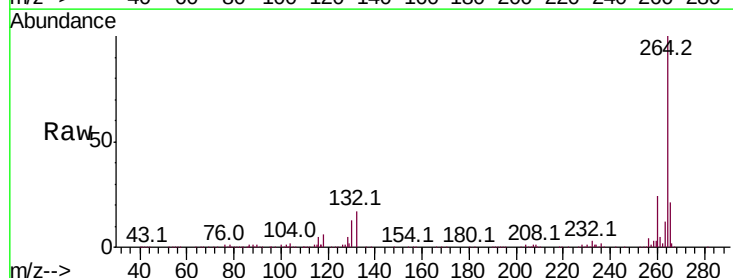
Tgt Ion:264 Resp: 278952

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.0 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

