

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109197.D
 Acq On : 20 Sep 2018 22:13
 Operator : JU/SJ
 Sample : J4988-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 METUCHEN-1.5

Quant Time: Sep 21 09:11:36 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

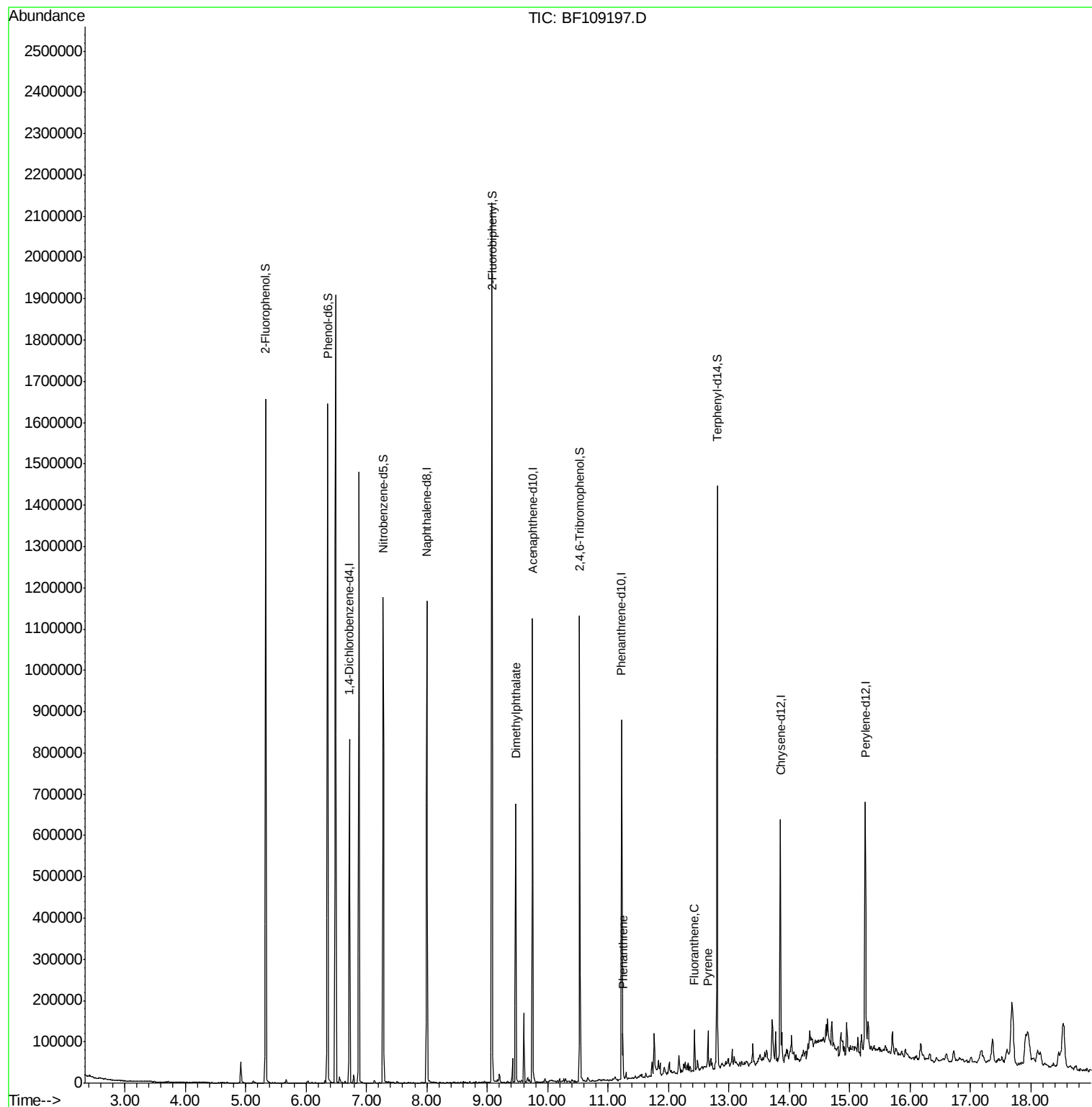
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	102644	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	453461	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	211439	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	329227	20.00	ng	0.00
75) Chrysene-d12	13.85	240	195299	20.00	ng	0.00
86) Perylene-d12	15.26	264	279906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	446371	72.23	ng	0.00
7) Phenol-d6	6.36	99	577380	72.45	ng	0.00
23) Nitrobenzene-d5	7.28	82	371306	45.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	134899	58.79	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	636801	47.19	ng	0.00
78) Terphenyl-d14	12.81	244	420697	51.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	267672	17.712	ng	99
70) Phenanthrene	11.25	178	34782	2.155	ng	100
74) Fluoranthene	12.43	202	36954	2.169	ng	98
77) Pyrene	12.66	202	37837	2.608	ng	97

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

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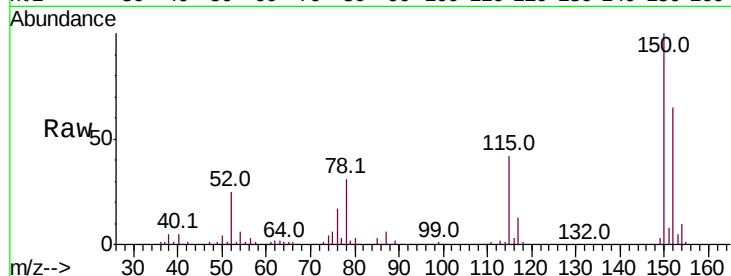


#1

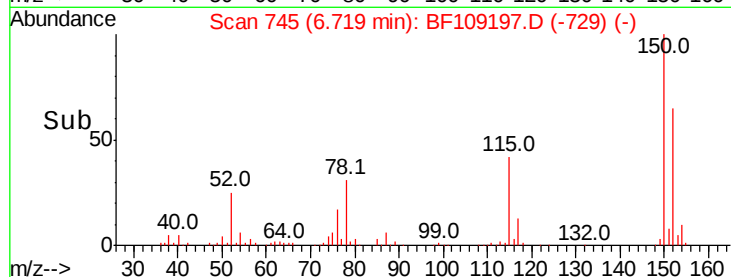
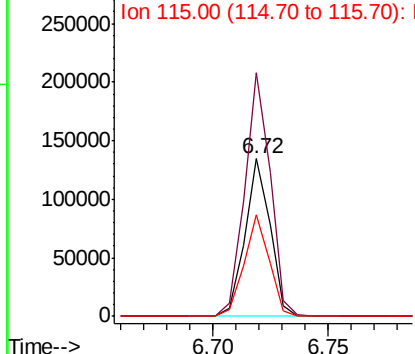
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109197.D
Acq: 20 Sep 2018 22:13

Instrument :
BNA_F
ClientSampleId :
METUCHEN-1.5

Tot Ion:152 Resp: 102644
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 64.3 50.1 75.1



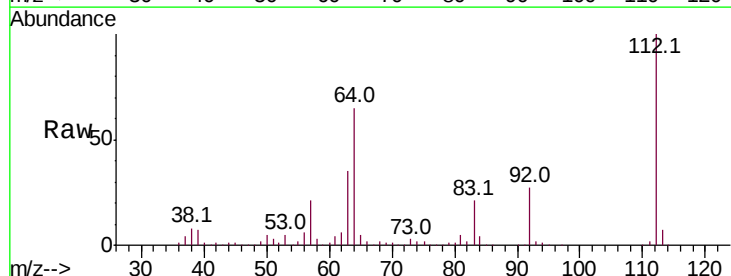
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



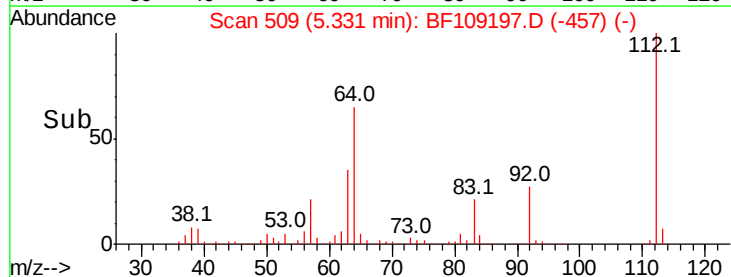
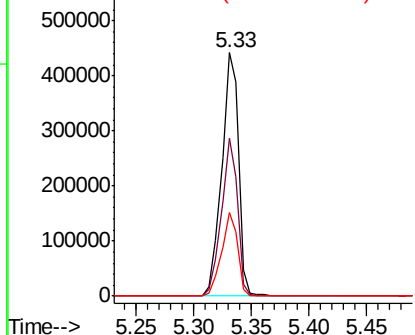
#5

2-Fluorophenol
Concen: 72.227 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109197.D
Acq: 20 Sep 2018 22:13

Tgt Ion:112 Resp: 446371
Ion Ratio Lower Upper
112 100
64 64.8 47.9 71.9
63 34.6 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: 72.454 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109197.D

Acq: 20 Sep 2018 22:13

Instrument :

BNA_F

ClientSampleId :

METUCHEN-1.5

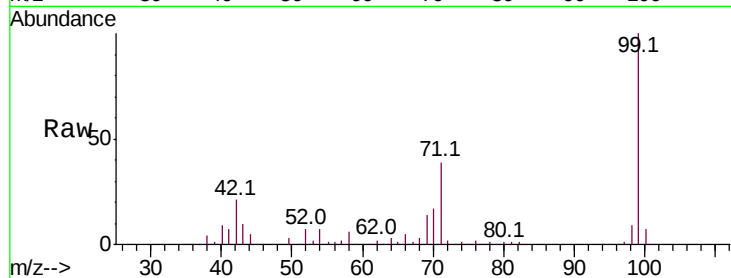
Tot Ion: 99 Resp: 577380

Ion Ratio Lower Upper

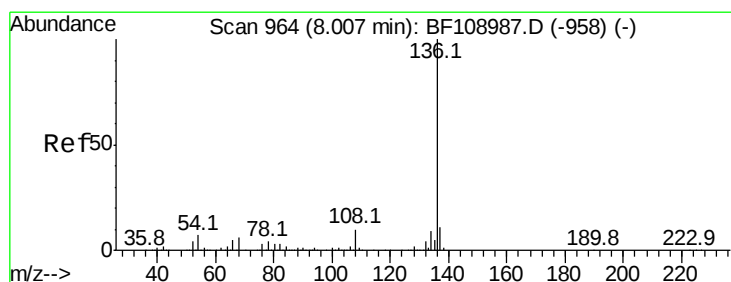
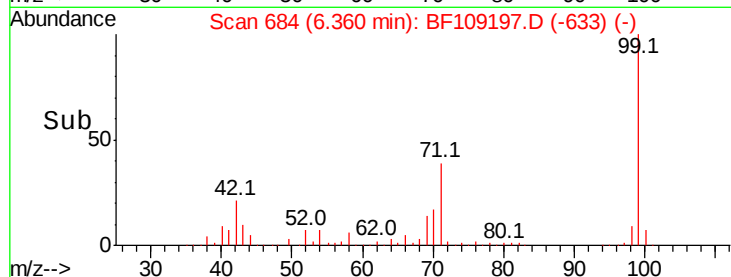
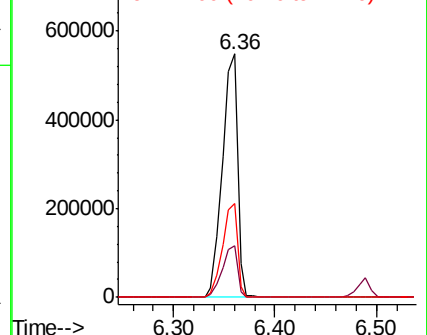
99 100

42 21.0 14.5 21.7

71 38.7 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: BF109197.D

Acq: 20 Sep 2018 22:13

Tgt Ion: 136 Resp: 453461

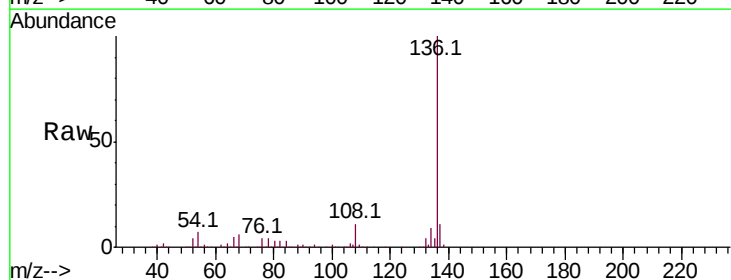
Ion Ratio Lower Upper

136 100

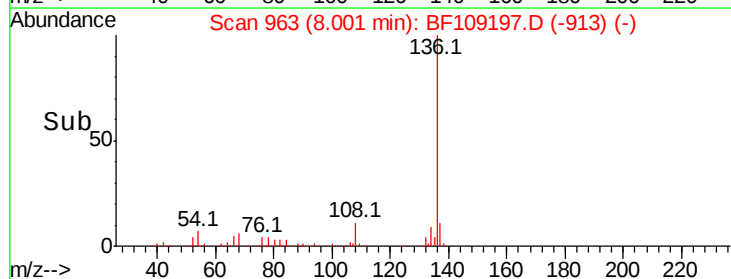
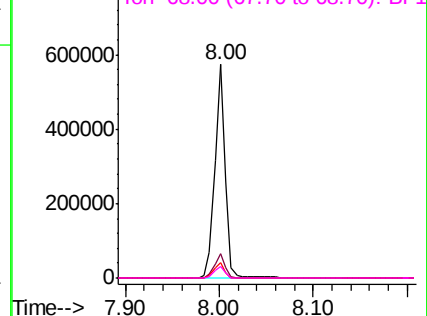
137 11.2 8.9 13.3

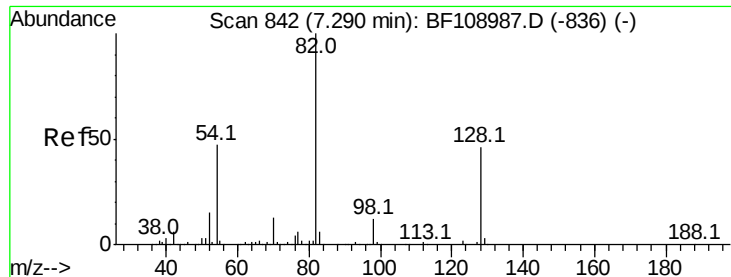
54 7.4 6.6 9.8

68 5.6 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

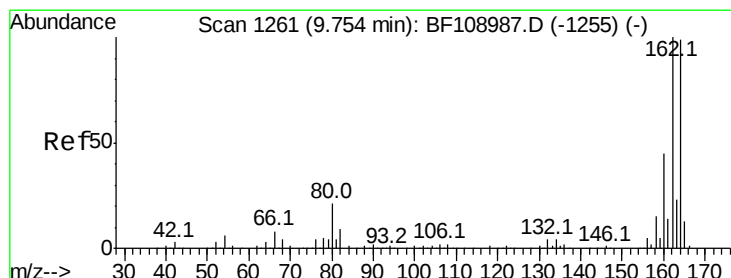
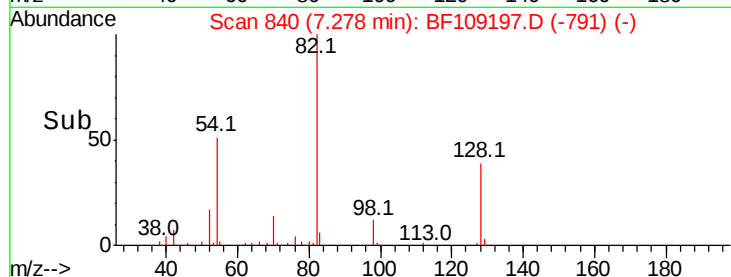
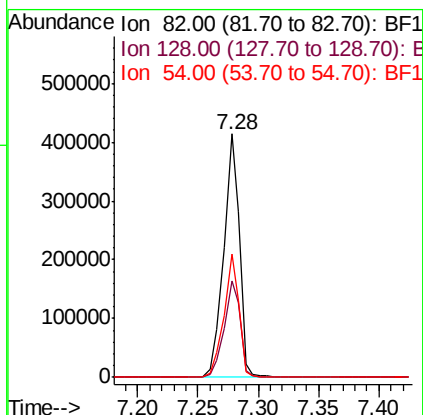
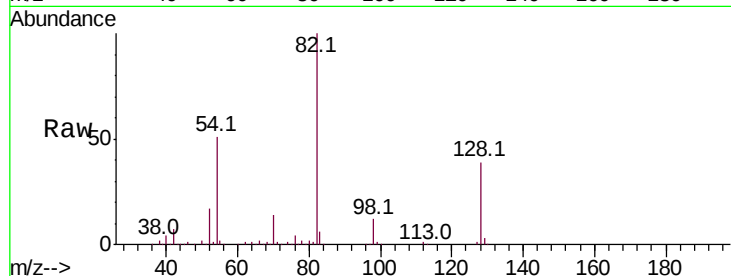




#23
 Nitrobenzene-d5
 Concen: 45.927 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109197.D
 Acq: 20 Sep 2018 22:13

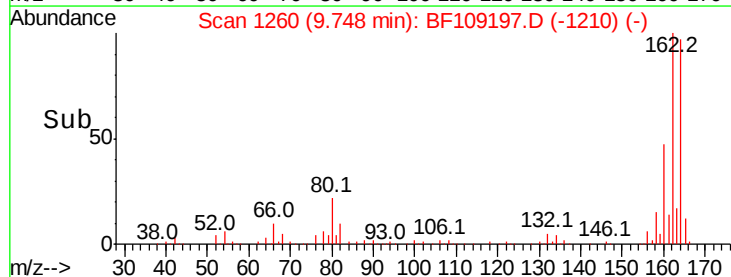
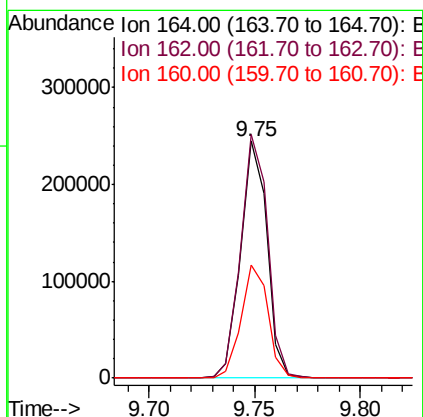
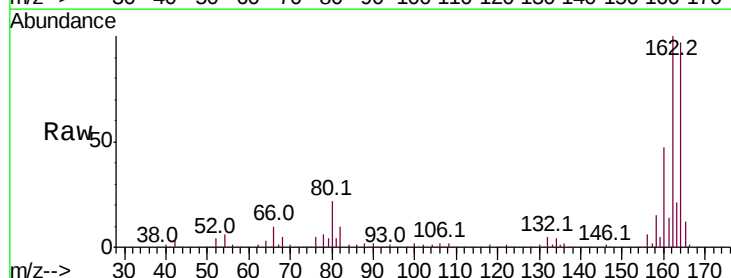
Instrument :
 BNA_F
 ClientSampleId :
 METUCHEN-1.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.4	36.1	54.1
54	50.7	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109197.D
 Acq: 20 Sep 2018 22:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	47.8	38.3	57.5

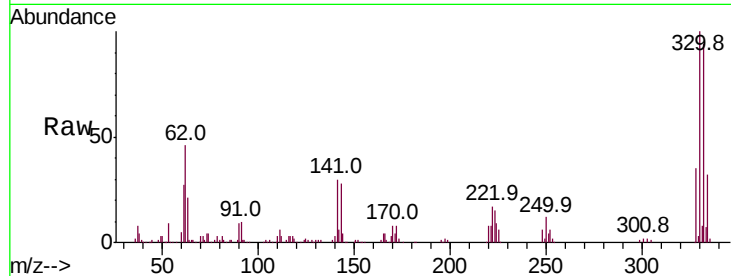




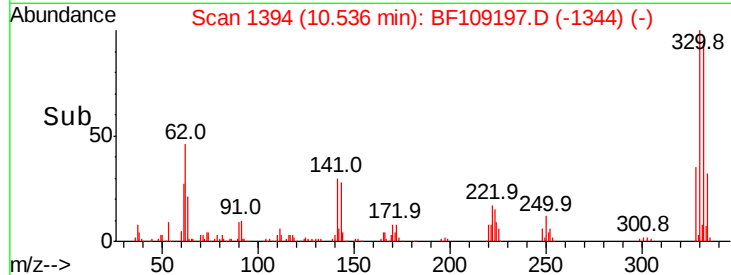
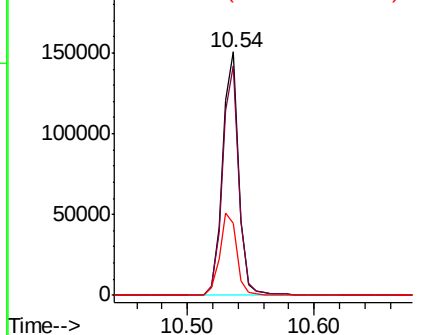
#41
 2,4,6-Tribromophenol
 Concen: 58.788 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109197.D
 Acq: 20 Sep 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :
 METUCHEN-1.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	35.7	29.9	44.9

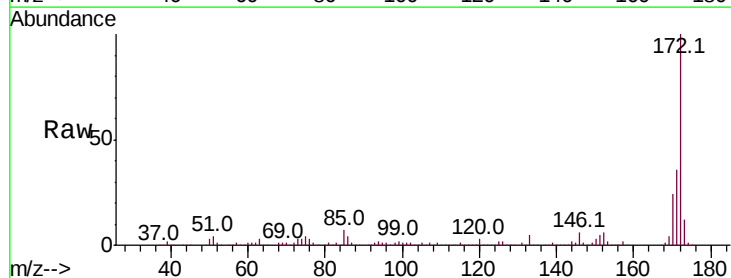


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

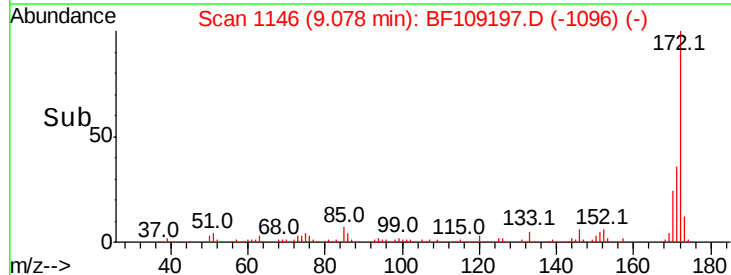
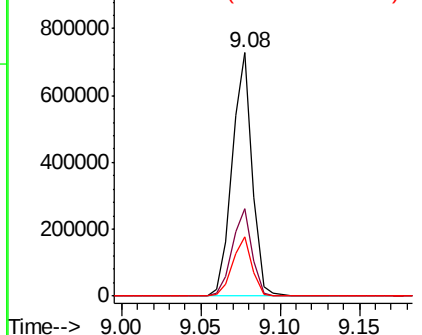


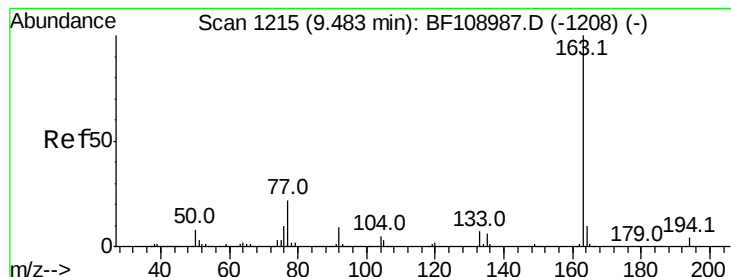
#44
 2-Fluorobiphenyl
 Concen: 47.186 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109197.D
 Acq: 20 Sep 2018 22:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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: 17.712 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109197.D

Acq: 20 Sep 2018 22:13

Instrument :

BNA_F

ClientSampleId :

METUCHEN-1.5

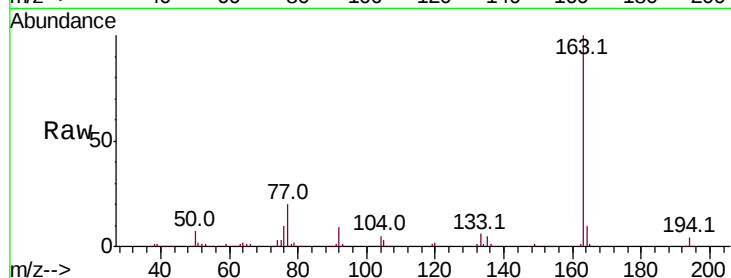
Tot Ion:163 Resp: 267672

Ion Ratio Lower Upper

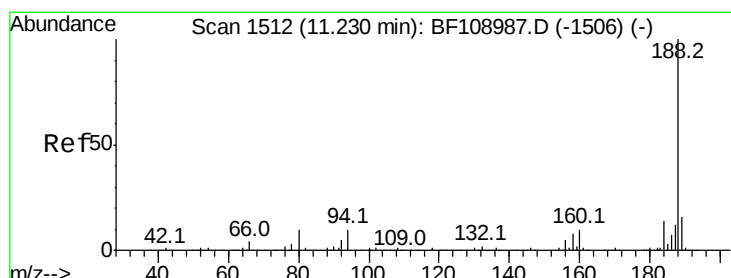
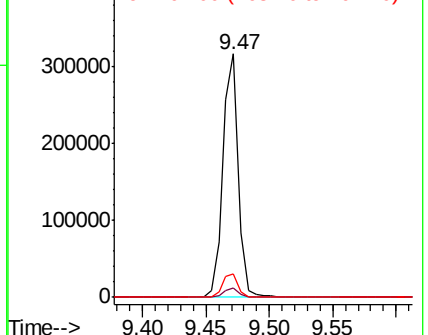
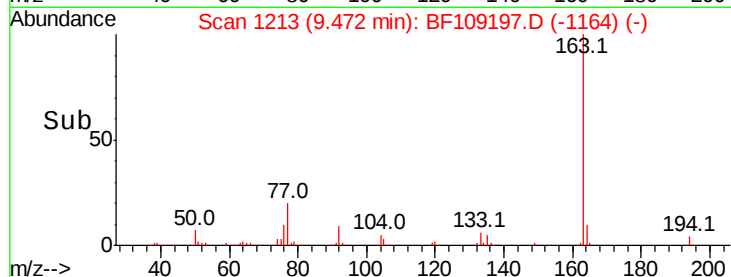
163 100

194 3.8 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: BF109197.D

Acq: 20 Sep 2018 22:13

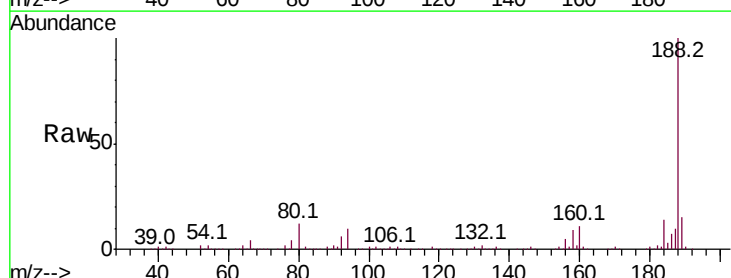
Tgt Ion:188 Resp: 329227

Ion Ratio Lower Upper

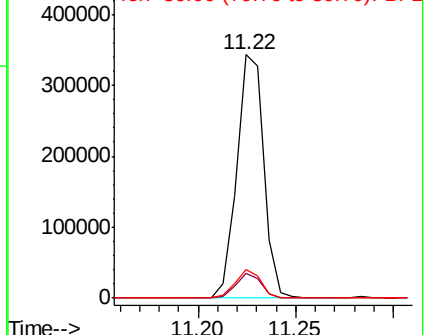
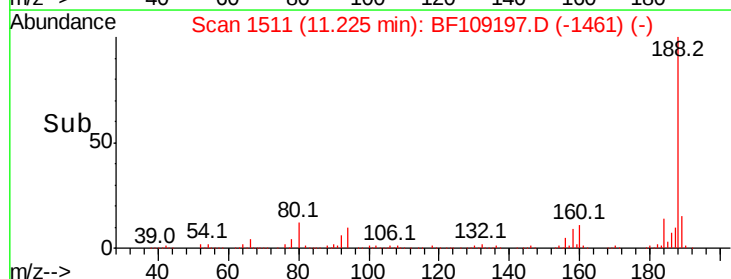
188 100

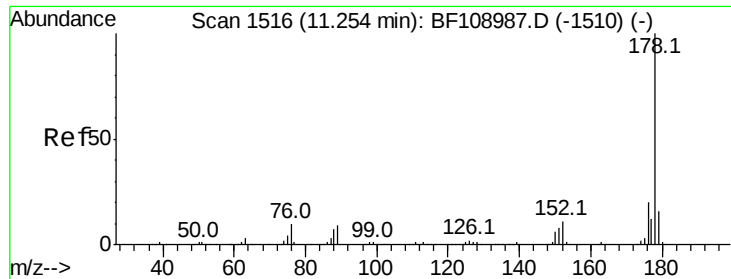
94 10.3 8.5 12.7

80 11.6 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

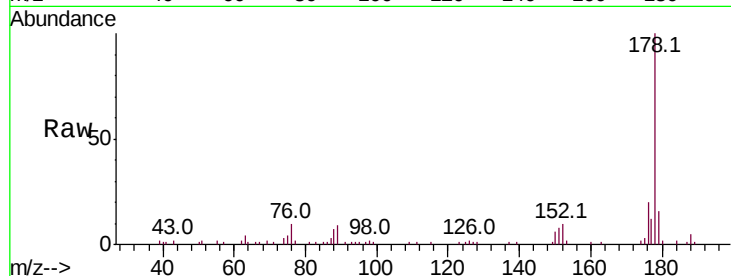




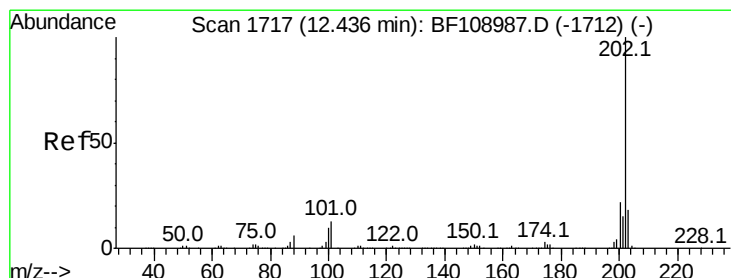
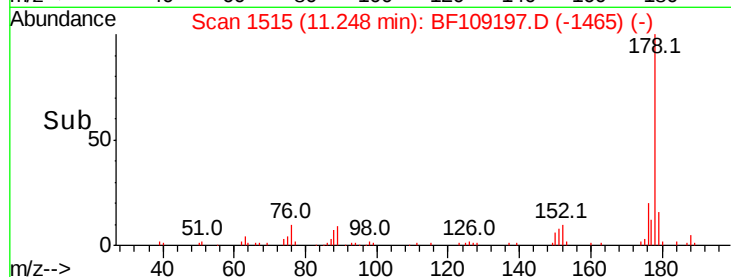
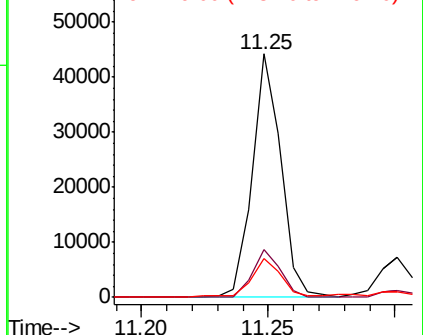
#70
Phenanthrene
Concen: 2.155 ng
RT: 11.25 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF109197.D
Acq: 20 Sep 2018 22:13

Instrument :
BNA_F
ClientSampleId :
METUCHEN-1.5

Tot Ion:178 Resp: 34782
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 16.1 13.0 19.6

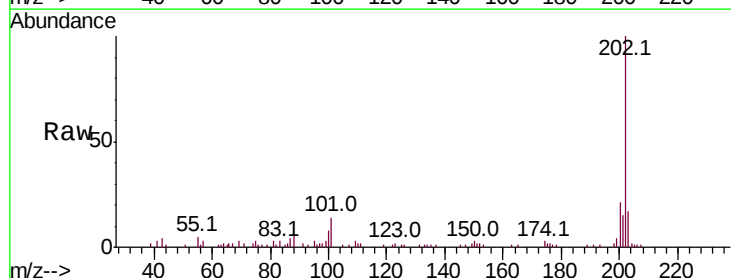


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

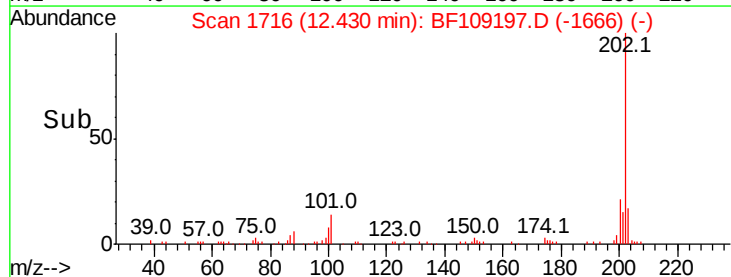
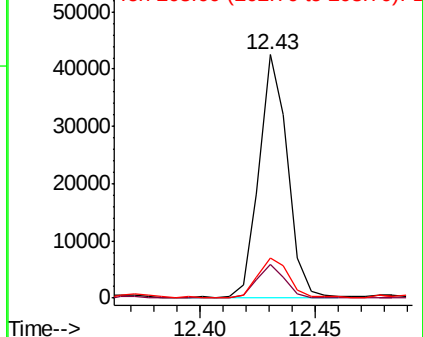


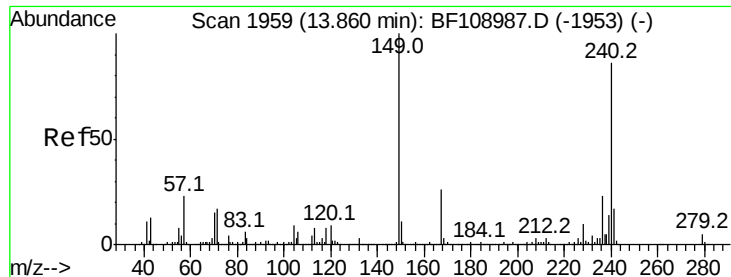
#74
Fluoranthene
Concen: 2.169 ng
RT: 12.43 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BF109197.D
Acq: 20 Sep 2018 22:13

Tgt Ion:202 Resp: 36954
Ion Ratio Lower Upper
202 100
101 14.0 0.0 34.1
203 16.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109197.D

Acq: 20 Sep 2018 22:13

Instrument :

BNA_F

ClientSampleId :

METUCHEN-1.5

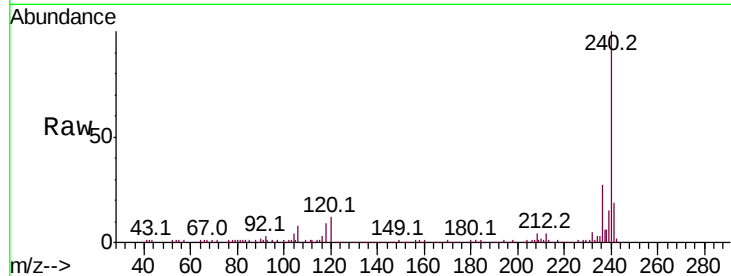
Tot Ion:240 Resp: 195299

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

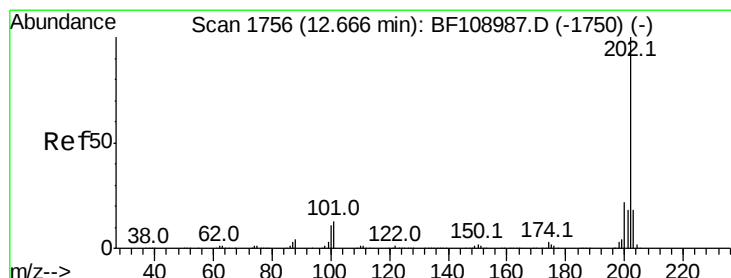
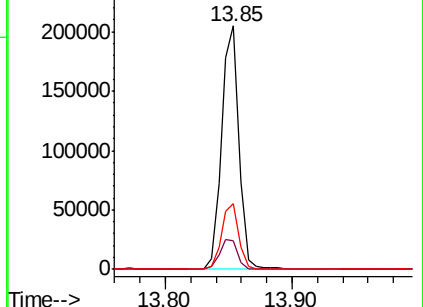
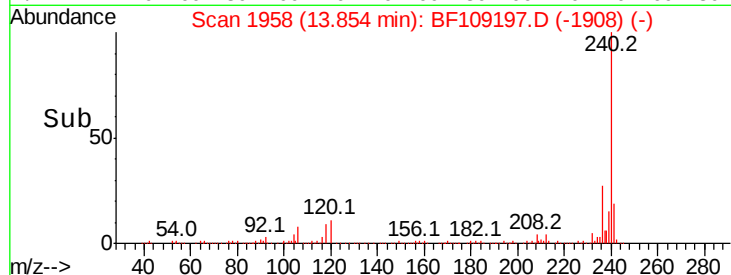
236 26.8 20.7 31.1



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



#77

Pyrene

Concen: 2.608 ng

RT: 12.66 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF109197.D

Acq: 20 Sep 2018 22:13

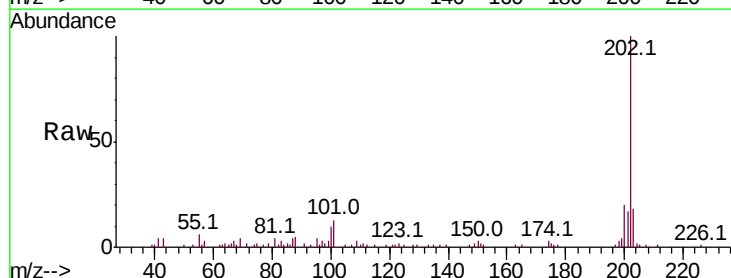
Tgt Ion:202 Resp: 37837

Ion Ratio Lower Upper

202 100

200 19.7 17.4 26.2

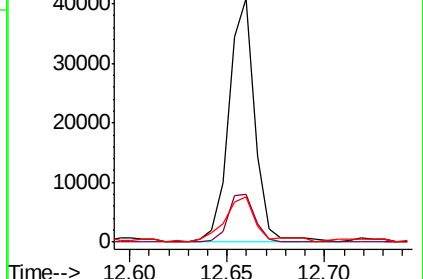
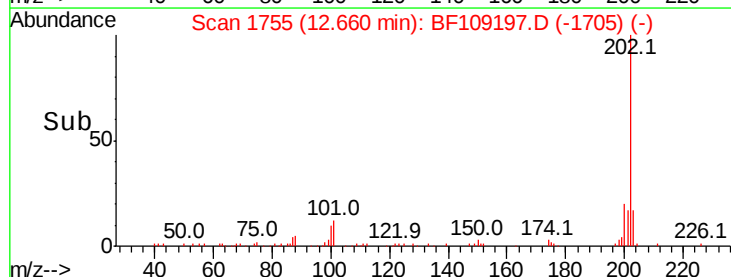
203 18.4 14.3 21.5

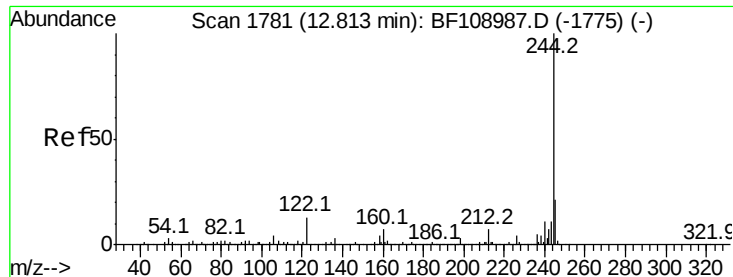


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

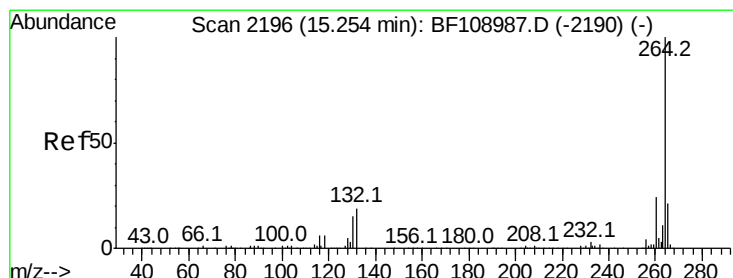
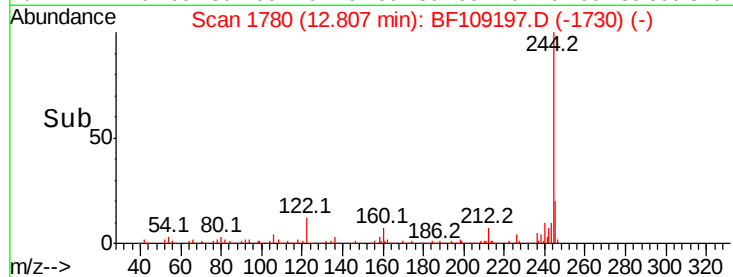
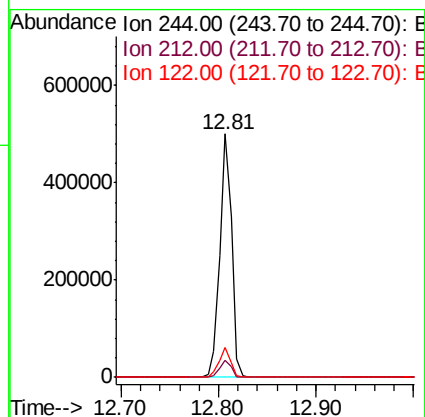
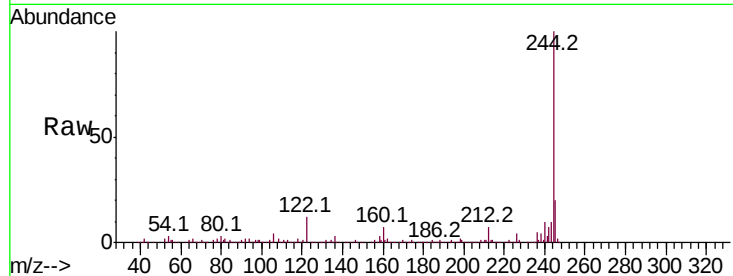




#78
 Terphenyl-d14
 Concen: 51.058 ng
 RT: 12.81 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF109197.D
 Acq: 20 Sep 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :
 METUCHEN-1.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.1	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109197.D
 Acq: 20 Sep 2018 22:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.5	17.5	26.3

