

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109155.D
 Acq On : 19 Sep 2018 20:30
 Operator : JU/SJ
 Sample : J4975-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220

Quant Time: Sep 20 05:26:09 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

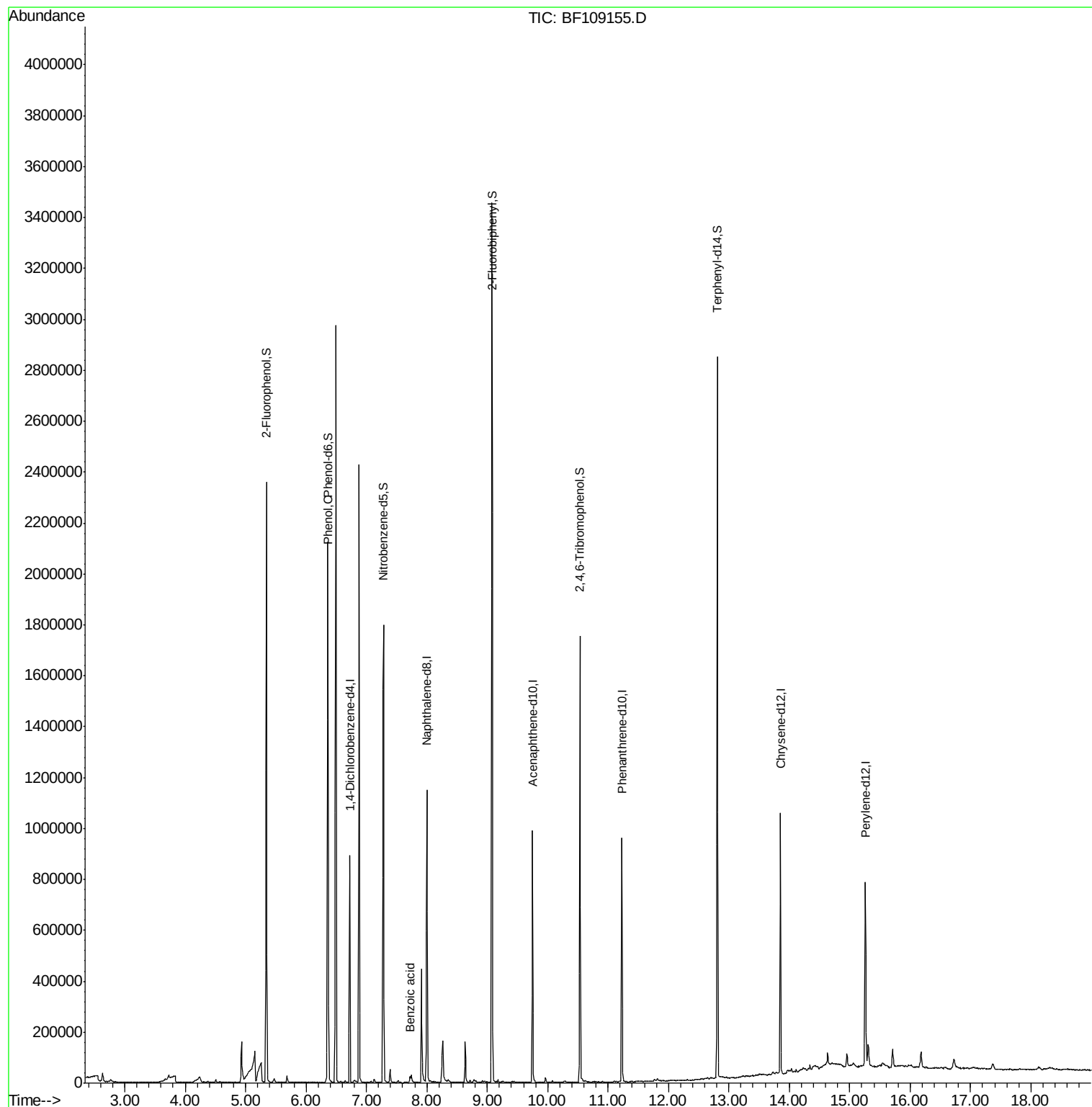
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	127891	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	470722	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	201078	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	343533	20.00	ng	0.00
75) Chrysene-d12	13.85	240	329000	20.00	ng	0.00
86) Perylene-d12	15.26	264	305363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	700987	91.04	ng	0.02
7) Phenol-d6	6.36	99	797606	80.33	ng	0.00
23) Nitrobenzene-d5	7.28	82	602416	71.78	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	206827	94.78	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1057967	82.43	ng	0.00
78) Terphenyl-d14	12.81	244	946021	68.16	ng	0.00
Target Compounds						
10) Phenol	6.37	94	137726	12.328	ng	97
32) Benzoic acid	7.72	122	9206	2.223	ng	98

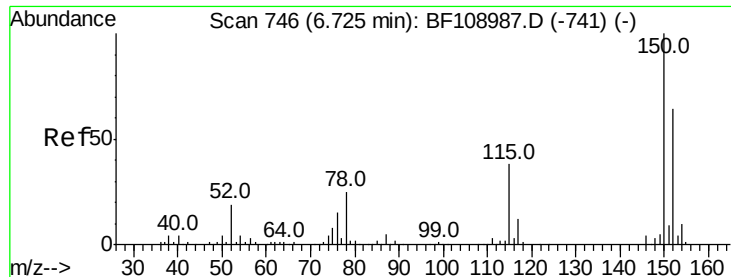
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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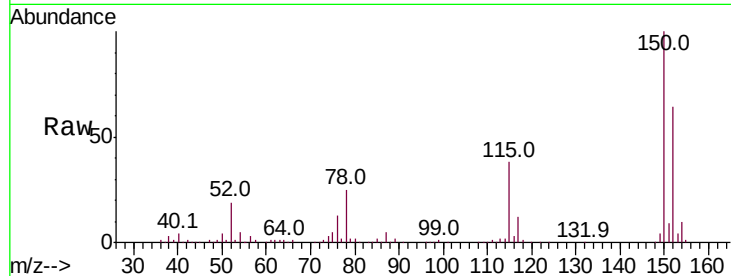


#1

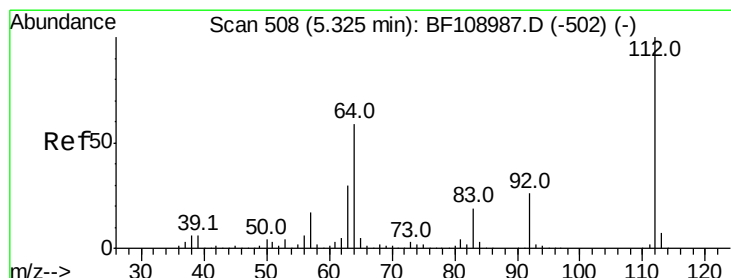
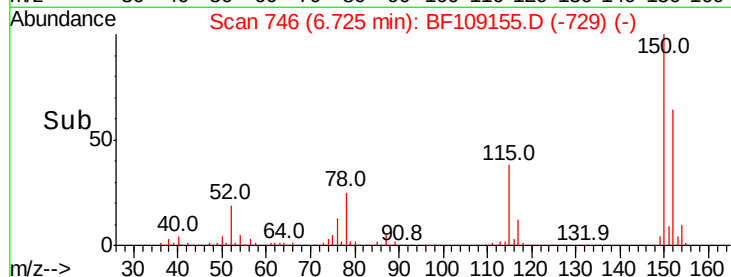
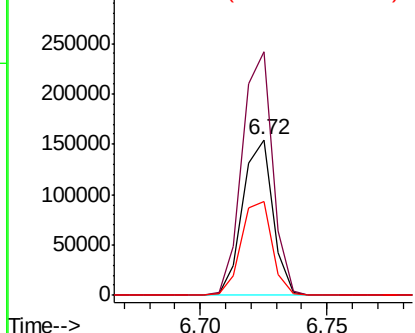
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Tot Ion:152 Resp: 127891
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 59.9 50.1 75.1



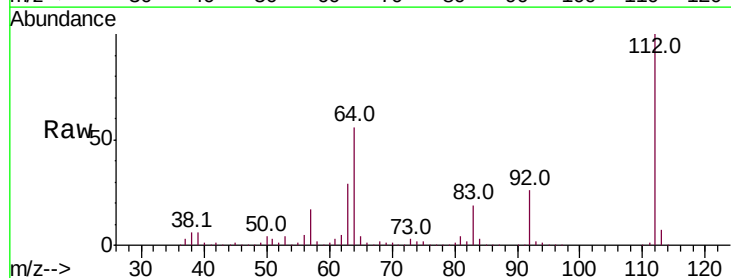
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



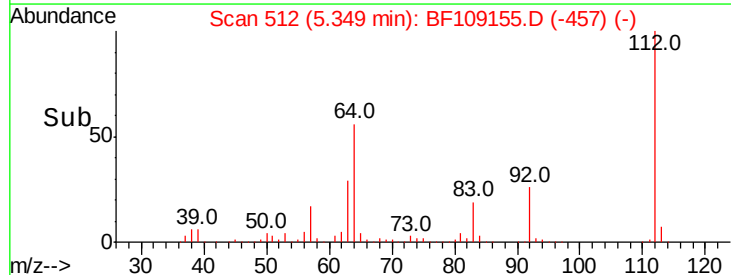
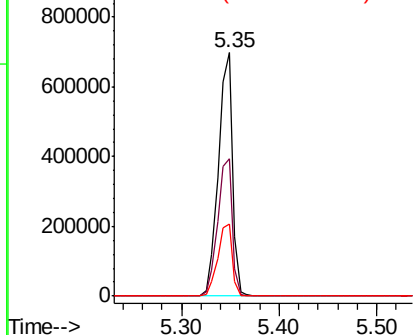
#5

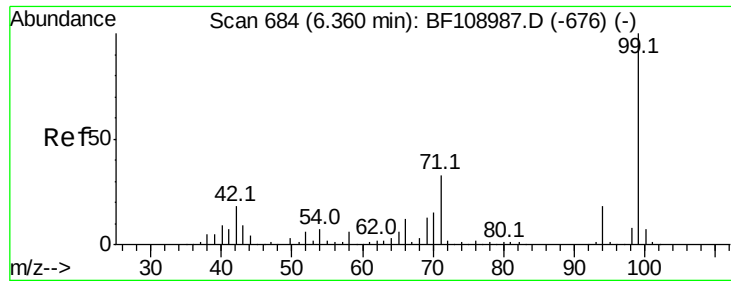
2-Fluorophenol
Concen: 91.035 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.02 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Tgt Ion:112 Resp: 700987
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 29.4 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: 80.331 ng

RT: 6.36 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF109155.D

Acq: 19 Sep 2018 20:30

Instrument :

BNA_F

ClientSampled :

VNJ-220

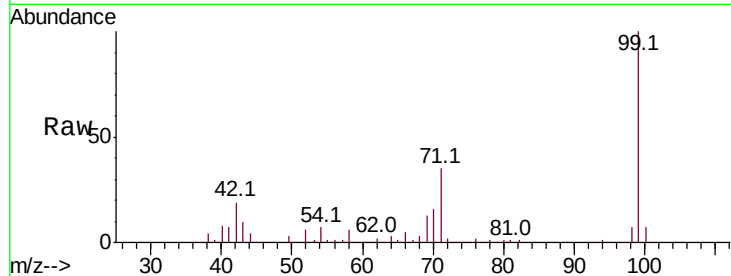
Tot Ion: 99 Resp: 797606

Ion Ratio Lower Upper

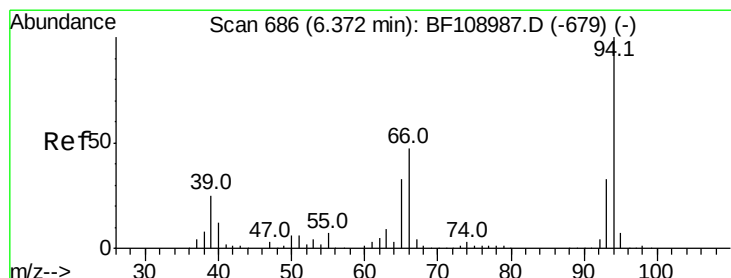
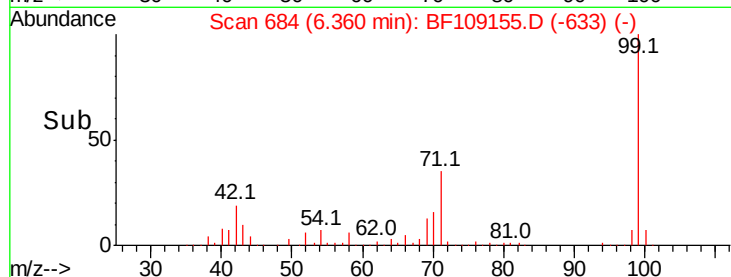
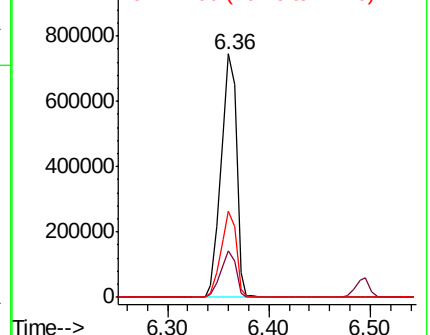
99 100

42 19.2 14.5 21.7

71 35.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
1000000
Ion 42.00 (41.70 to 42.70): BF1
800000
Ion 71.00 (70.70 to 71.70): BF1
600000
400000
200000
0



#10

Phenol

Concen: 12.328 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF109155.D

Acq: 19 Sep 2018 20:30

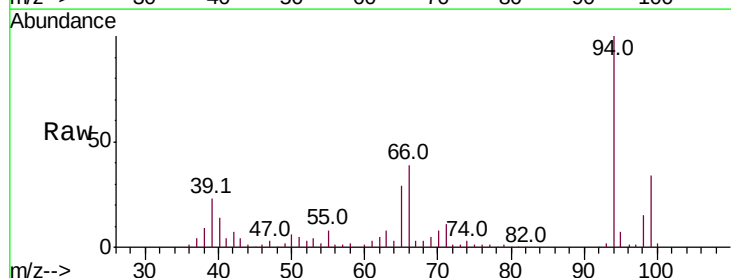
Tgt Ion: 94 Resp: 137726

Ion Ratio Lower Upper

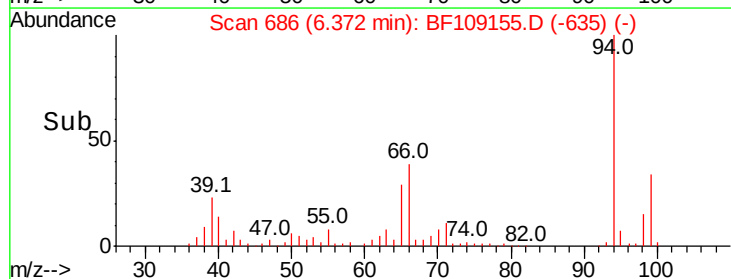
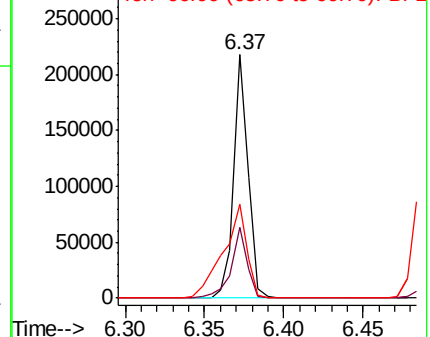
94 100

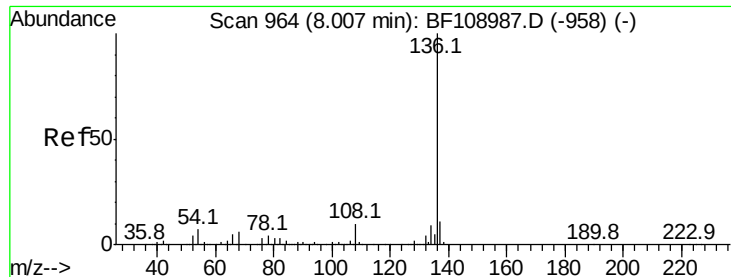
65 28.9 7.9 47.9

66 38.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
300000
Ion 65.00 (64.70 to 65.70): BF1
250000
Ion 66.00 (65.70 to 66.70): BF1
200000
150000
100000
50000
0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109155.D

Acq: 19 Sep 2018 20:30

Instrument :

BNA_F

ClientSampleId :

VNJ-220

Tot Ion:136 Resp: 470722

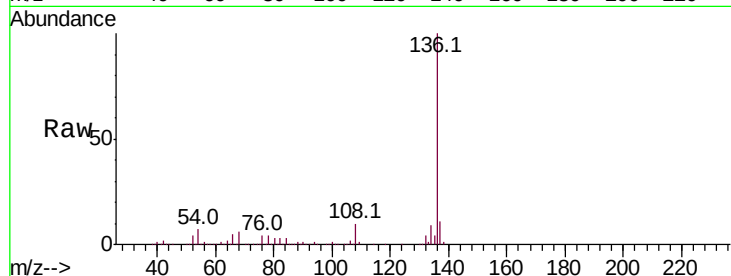
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.3 6.6 9.8

68 5.5 5.0 7.4

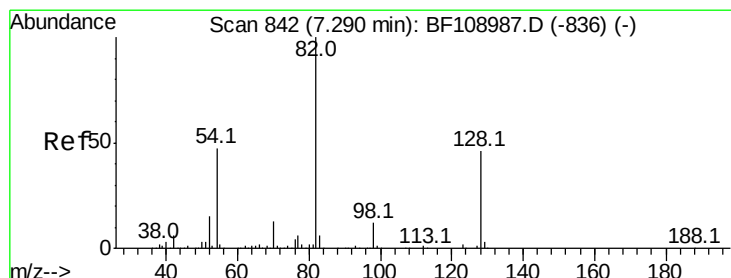
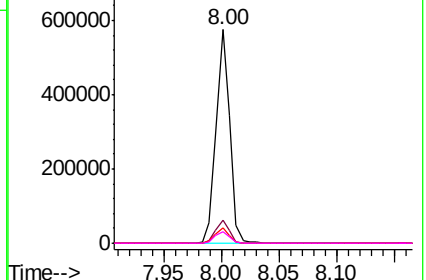
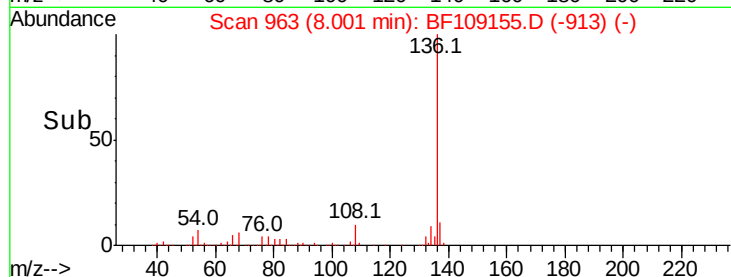


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.780 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF109155.D

Acq: 19 Sep 2018 20:30

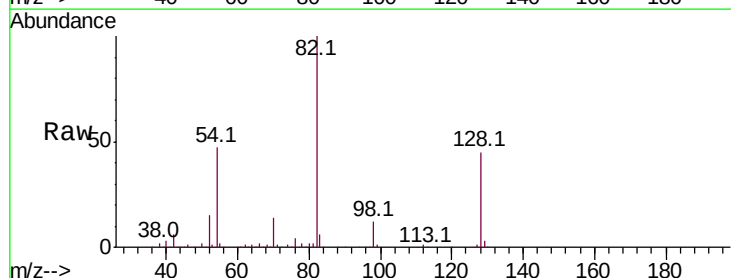
Tgt Ion: 82 Resp: 602416

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

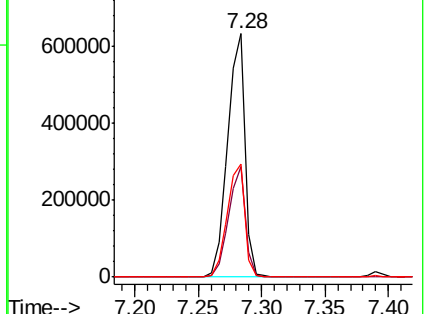
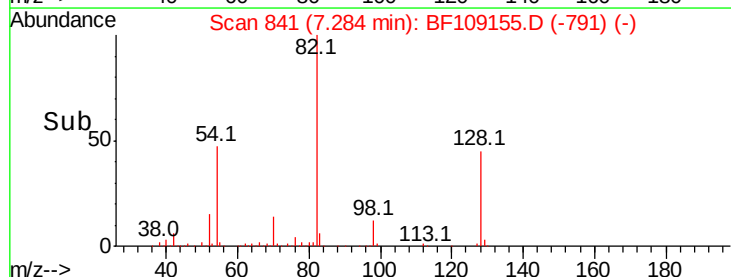
54 46.7 41.4 62.2

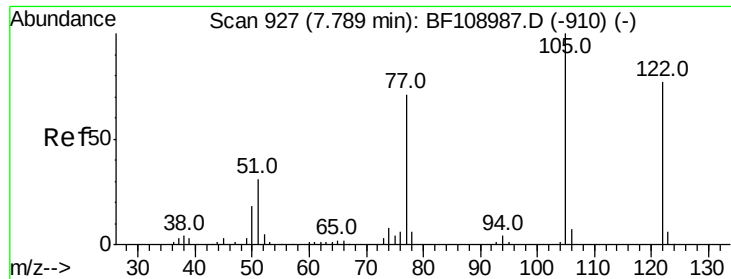


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

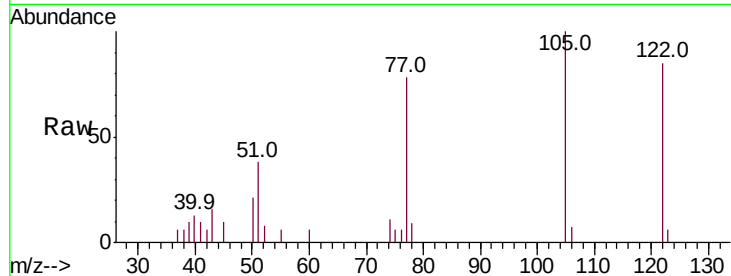




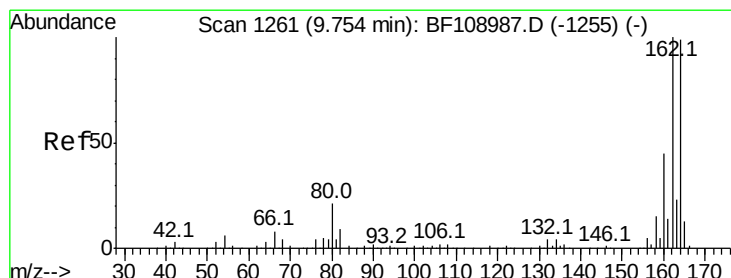
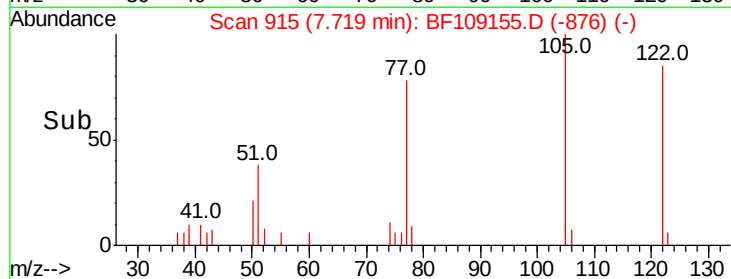
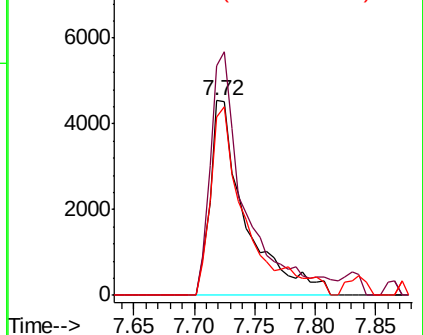
#32
Benzoic acid
Concen: 2.223 ng
RT: 7.72 min Scan# 915
Delta R.T. -0.07 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Tot Ion:122 Resp: 9206
Ion Ratio Lower Upper
122 100
105 117.7 101.1 141.1
77 91.8 70.7 110.7

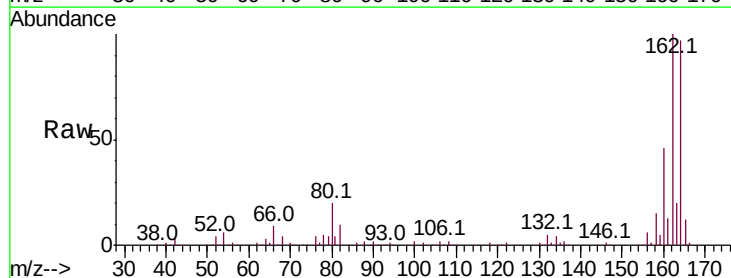


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

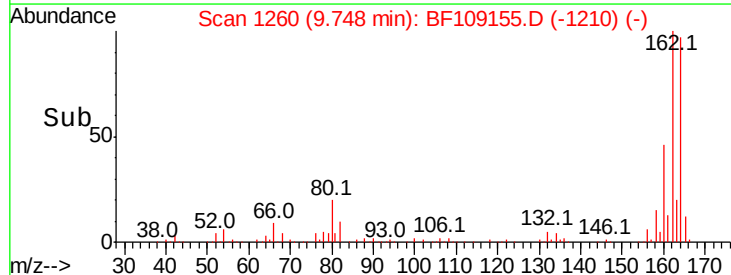
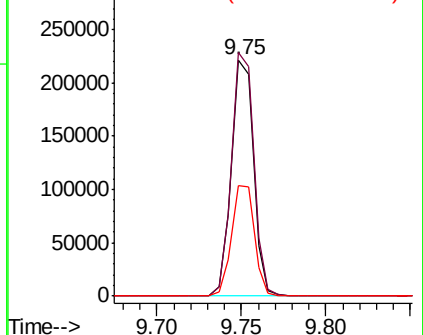


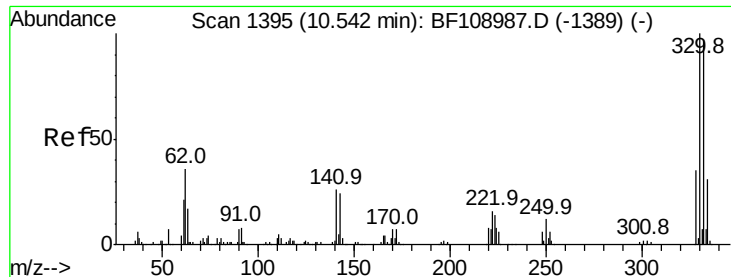
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Tgt Ion:164 Resp: 201078
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 47.0 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

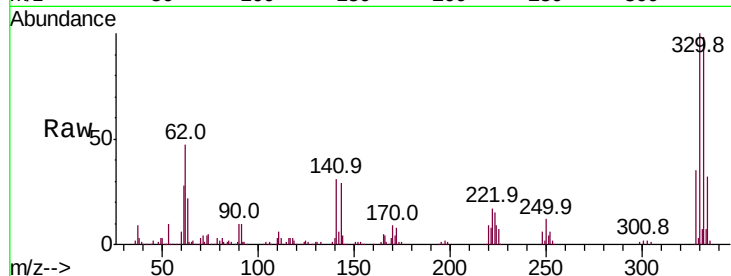




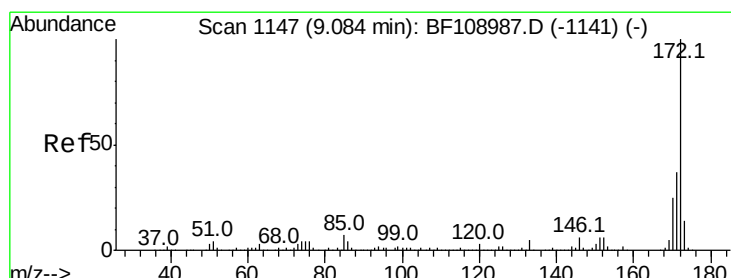
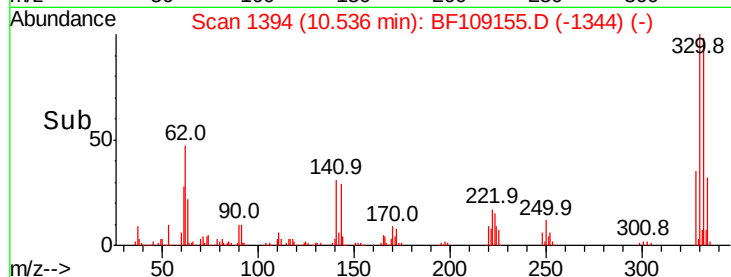
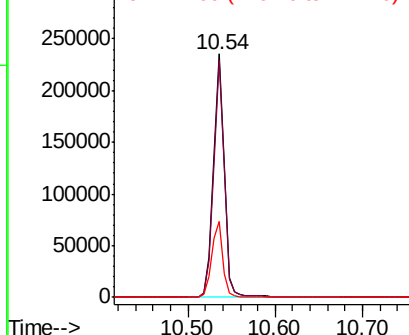
#41
 2,4,6-Tribromophenol
 Concen: 94.778 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109155.D
 Acq: 19 Sep 2018 20:30

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	31.7	29.9	44.9

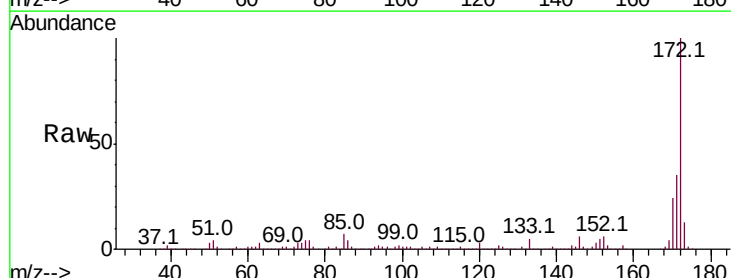


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

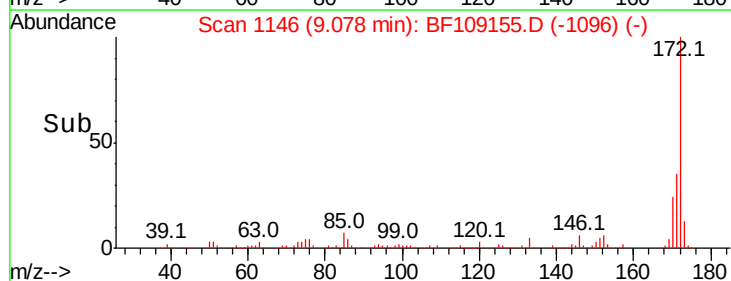
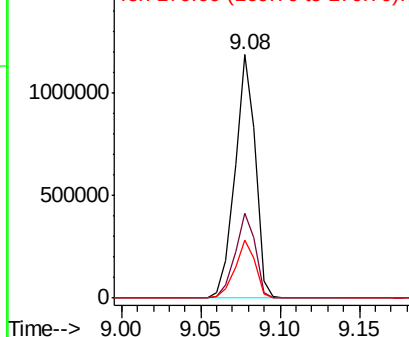


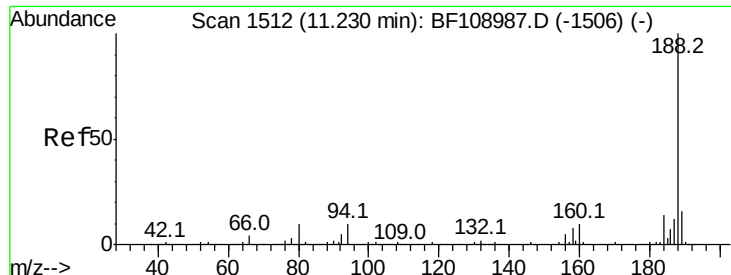
#44
 2-Fluorobiphenyl
 Concen: 82.433 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109155.D
 Acq: 19 Sep 2018 20:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.9	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

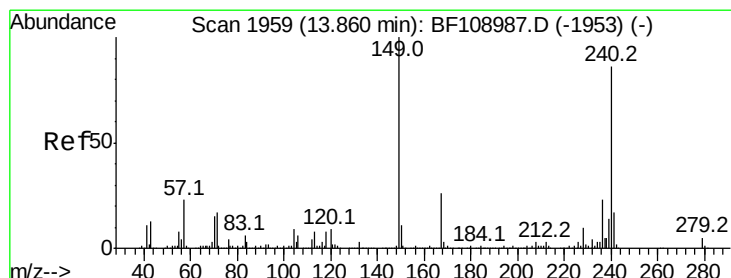
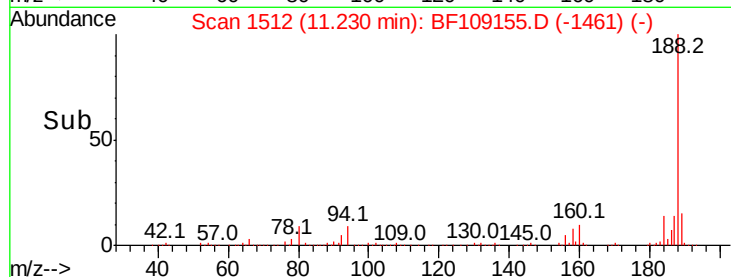
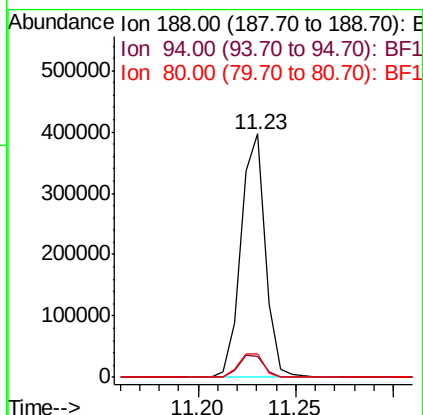
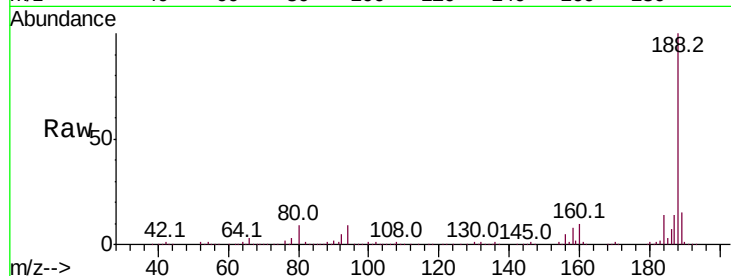




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

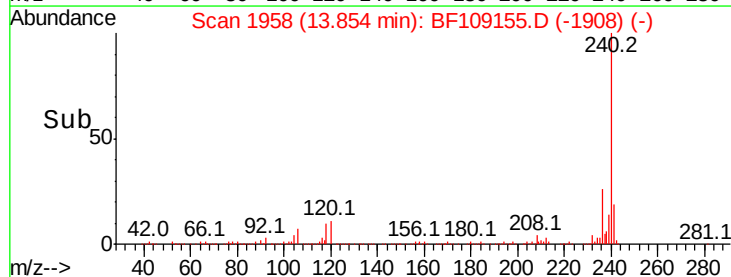
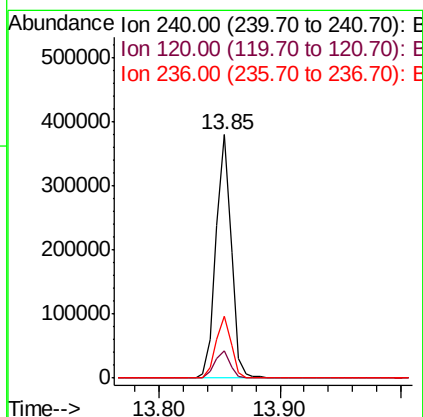
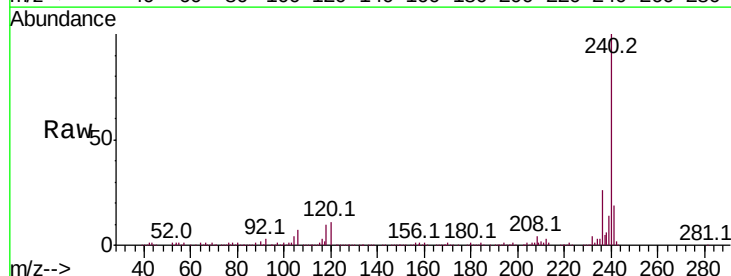
Instrument :
BNA_F
ClientSampled :
VNJ-220

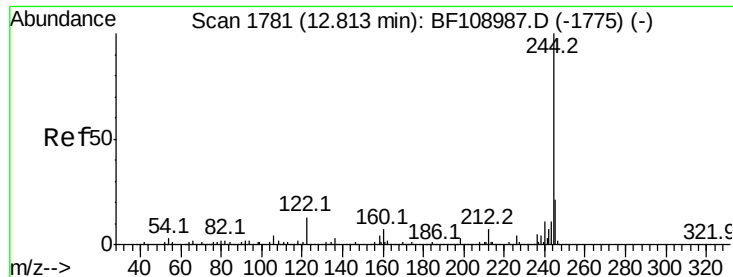
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.4	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.5	20.7	31.1





#78

Terphenyl-d14

Concen: 68.156 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109155.D

Acq: 19 Sep 2018 20:30

Instrument :

BNA_F

ClientSampled :

VNJ-220

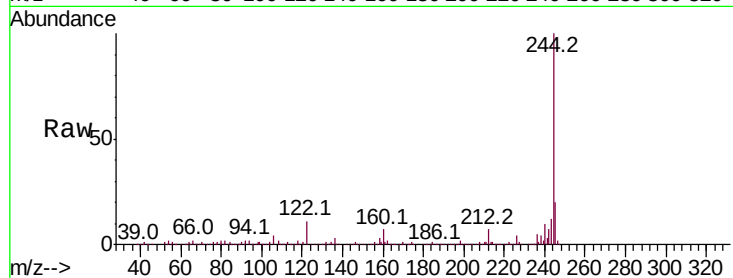
Tot Ion:244 Resp: 946021

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

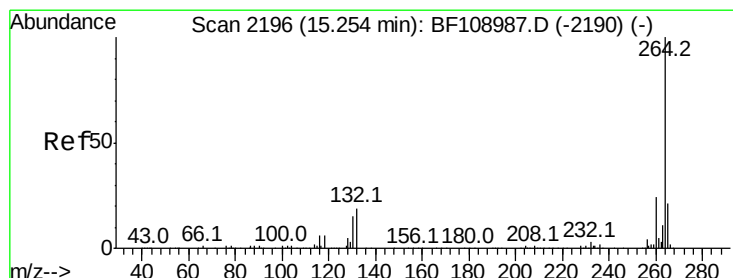
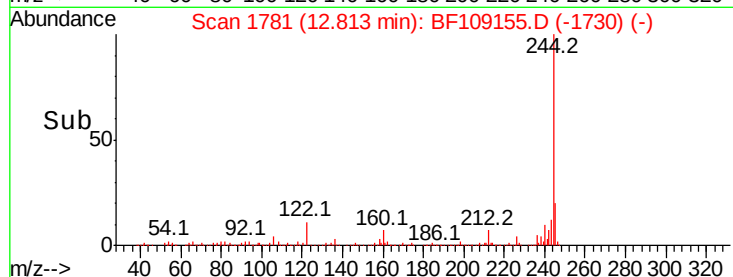
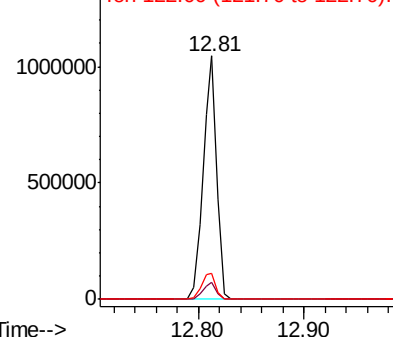
122 10.9 11.0 16.4#



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: 15.26 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BF109155.D

Acq: 19 Sep 2018 20:30

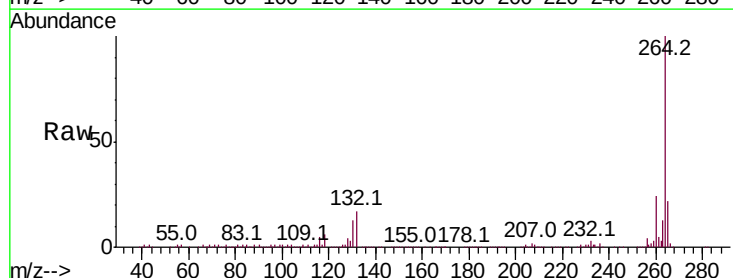
Tgt Ion:264 Resp: 305363

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.2 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

