

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108500.D
 Acq On : 27 Aug 2018 10:42
 Operator : JU/SJ
 Sample : J4621-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Aug 27 11:51:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

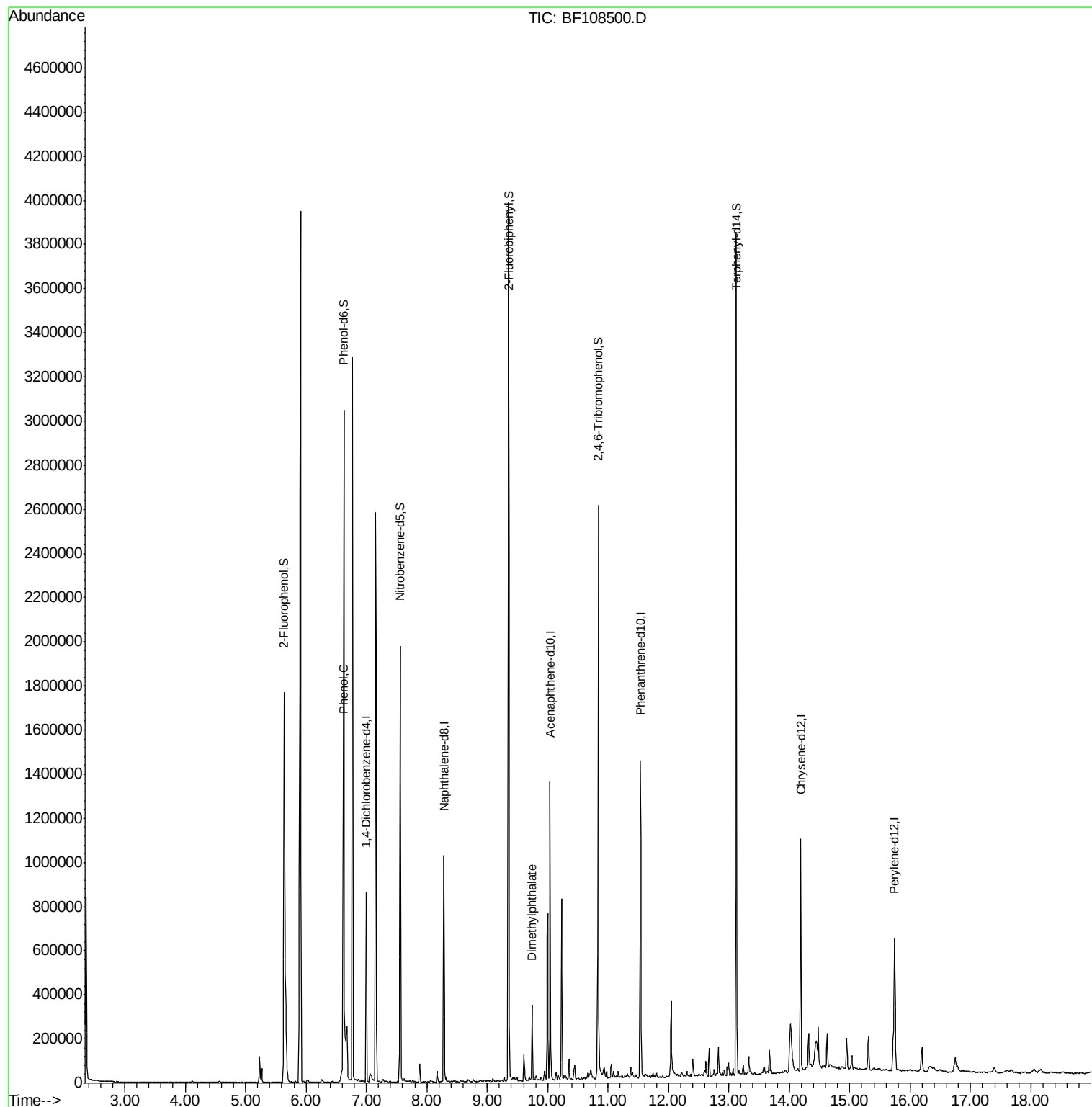
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	125670	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	488905	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	249581	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	505810	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	348258	20.00	ng	-0.01
86) Perylene-d12	15.74	264	298101	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	770080	110.94	ng	0.00
7) Phenol-d6	6.62	99	959114	103.98	ng	0.00
23) Nitrobenzene-d5	7.56	82	649829	74.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	310476	124.71	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1205907	77.57	ng	-0.01
78) Terphenyl-d14	13.12	244	1282630	93.64	ng	0.00
Target Compounds						
10) Phenol	6.64	94	21144	2.216	ng	86
49) Dimethylphthalate	9.74	163	117228	6.743	ng	# 99

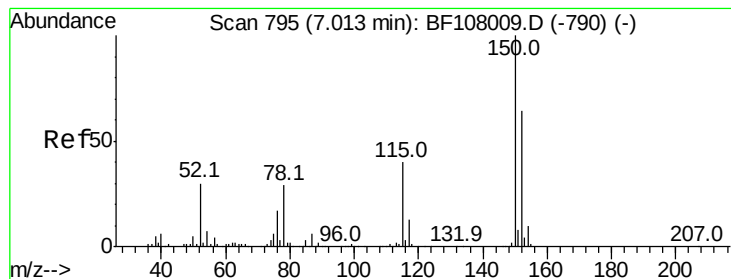
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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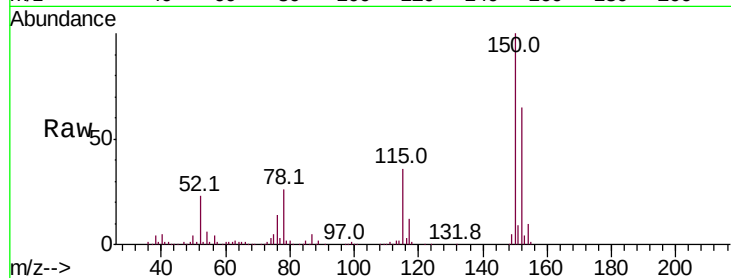


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	56.1	50.1	75.1

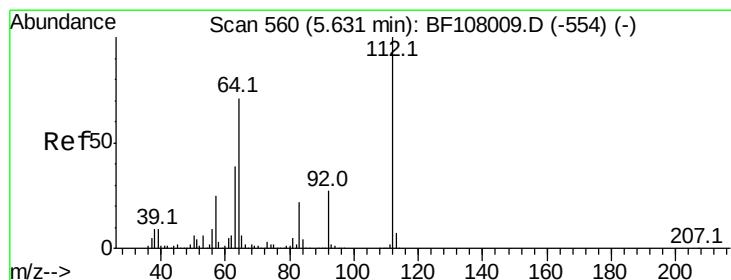
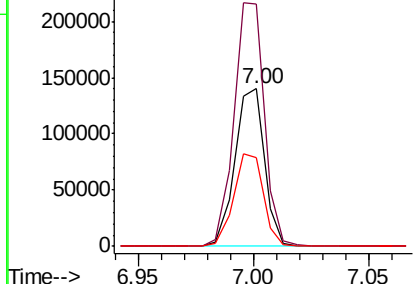
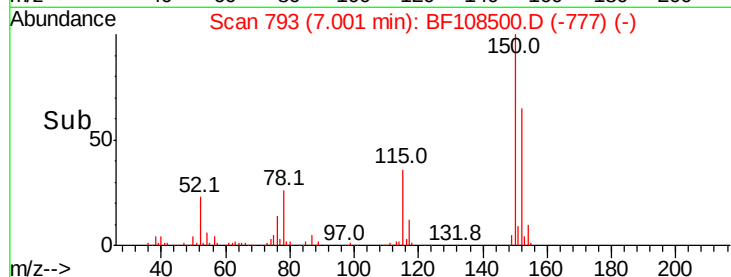


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

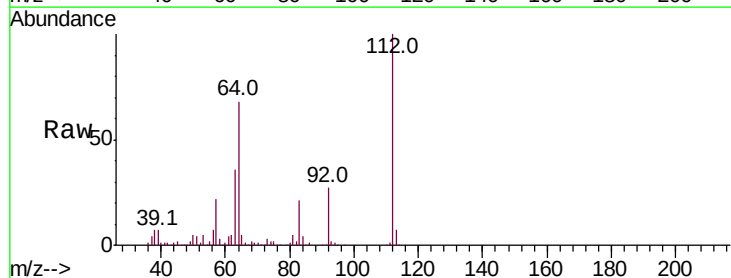
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.941 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	47.9	71.9
63	35.7	23.7	35.5

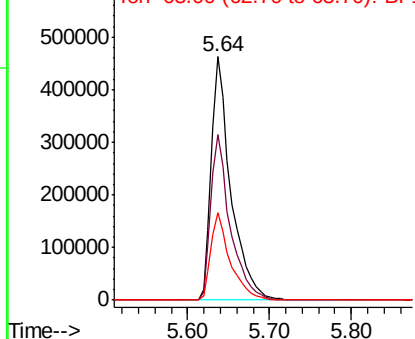
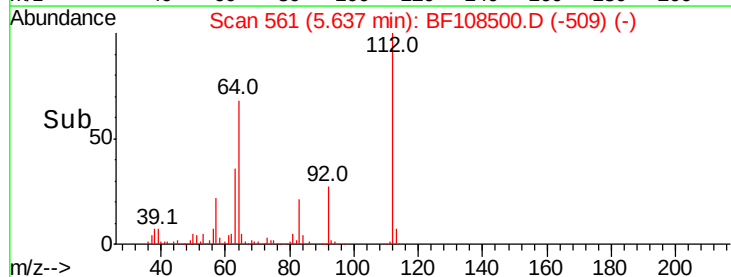


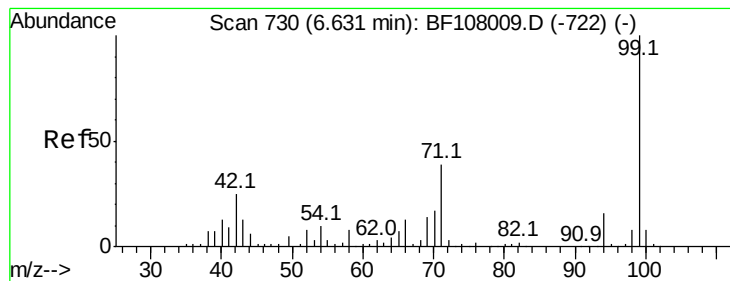
Abundance

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: 103.979 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108500.D

Acq: 27 Aug 2018 10:42

Instrument :

BNA_F

ClientSampleId :

SP-1

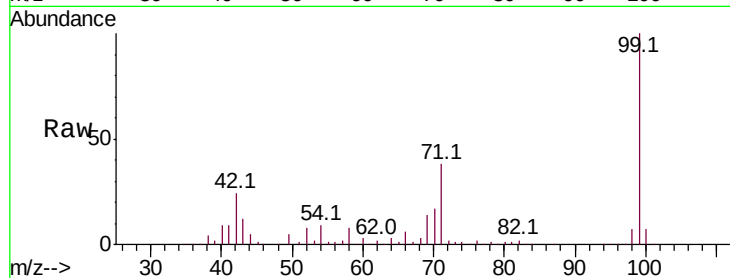
Tot Ion: 99 Resp: 959114

Ion Ratio Lower Upper

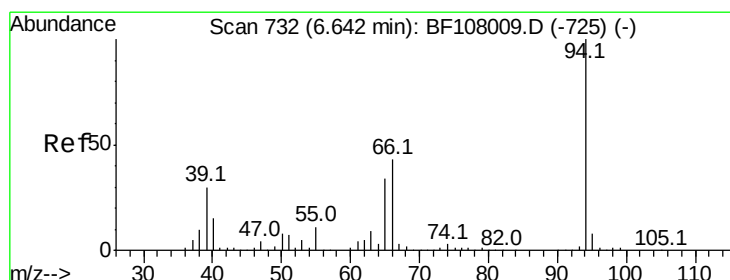
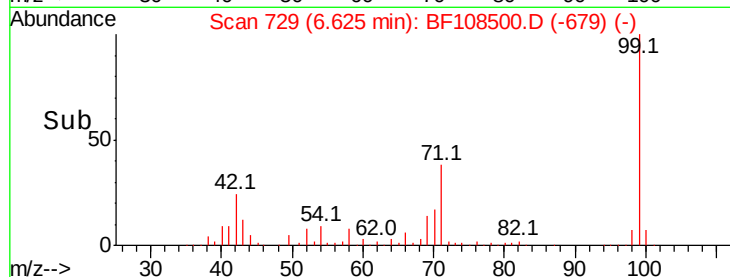
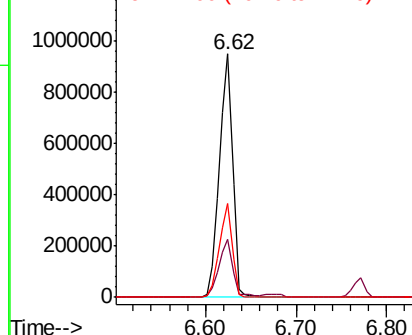
99 100

42 23.6 14.5 21.7#

71 38.3 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



#10

Phenol

Concen: 2.216 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108500.D

Acq: 27 Aug 2018 10:42

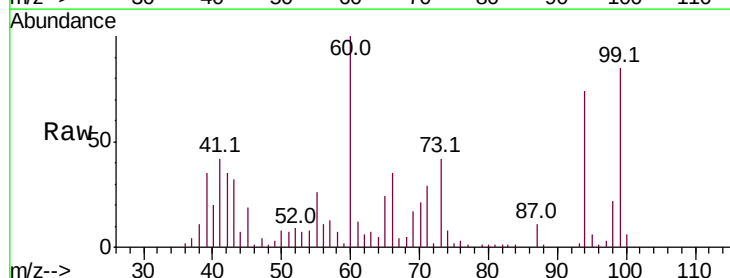
Tgt Ion: 94 Resp: 21144

Ion Ratio Lower Upper

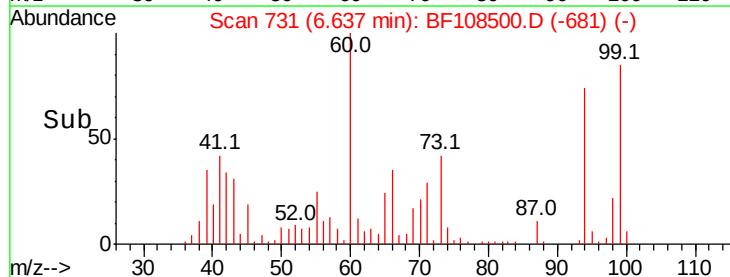
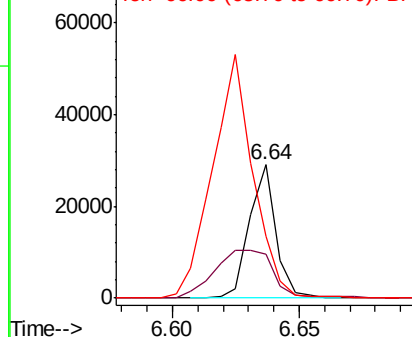
94 100

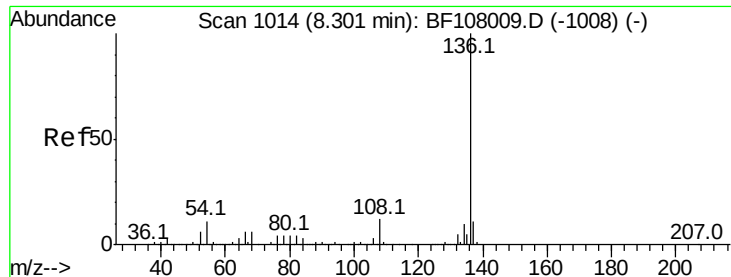
65 33.0 7.9 47.9

66 46.7 16.2 56.2



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

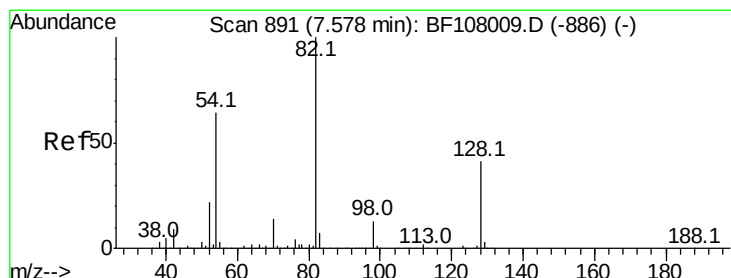
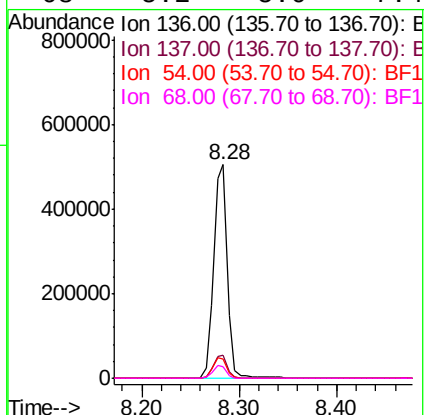
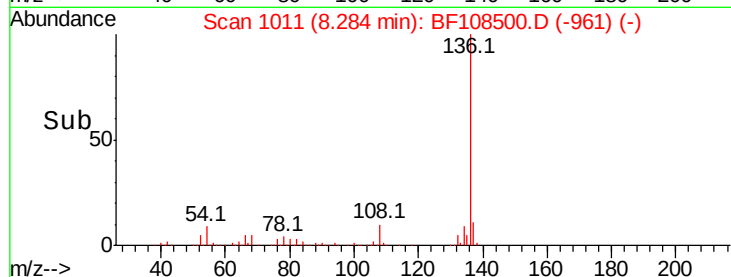
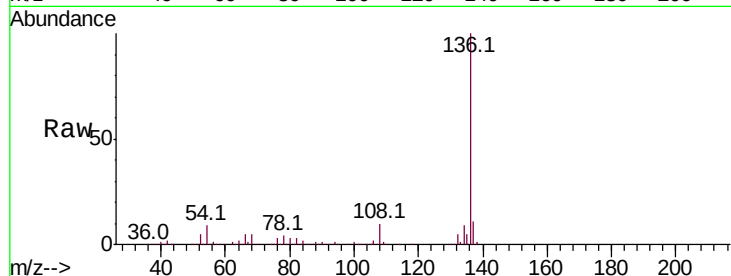




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

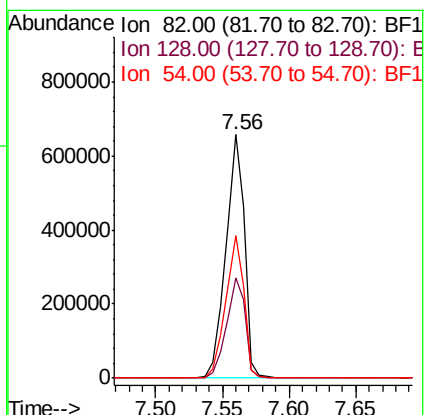
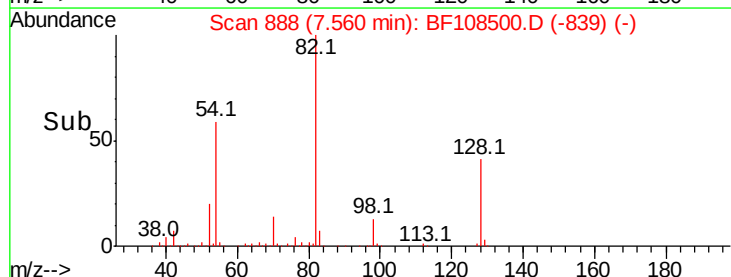
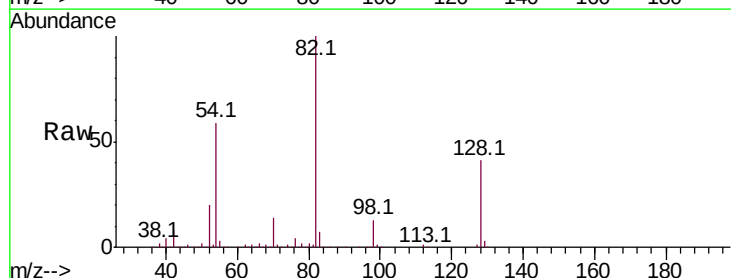
Instrument :
BNA_F
ClientSampleId :
SP-1

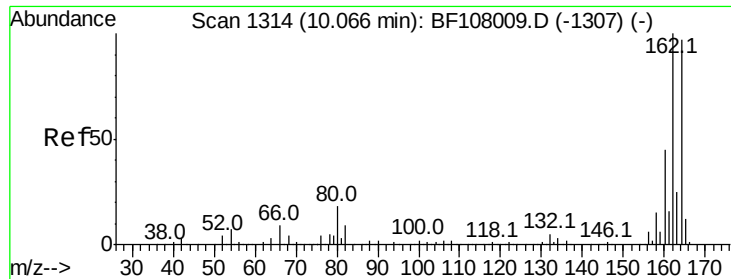
Tot Ion:136	Resp:	488905
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	8.8	6.6 9.8
68	5.2	5.0 7.4



#23
Nitrobenzene-d5
Concen: 74.169 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

Tgt Ion: 82	Resp:	649829
Ion	Ratio	Lower Upper
82	100	
128	41.0	36.1 54.1
54	58.7	41.4 62.2

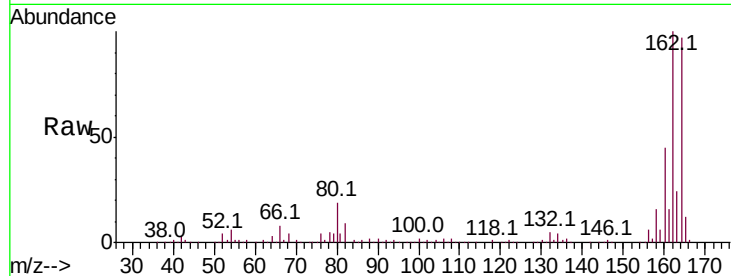




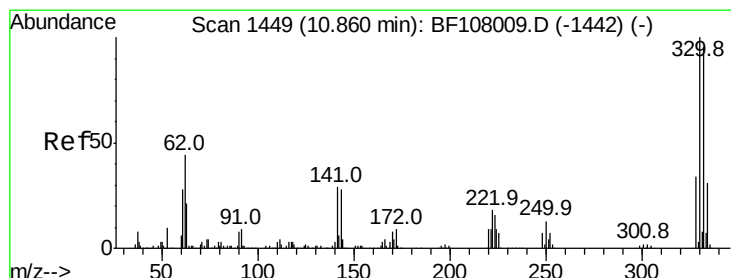
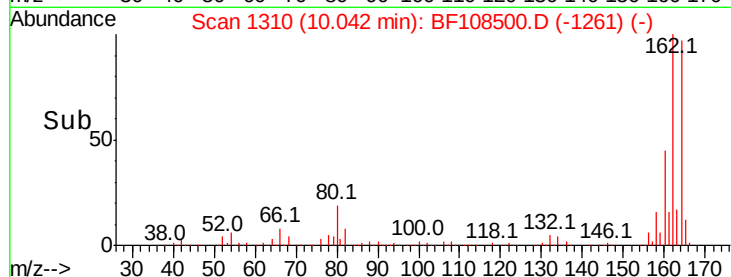
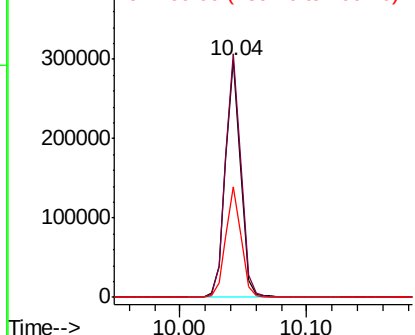
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:164 Resp: 249581
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 46.7 38.3 57.5

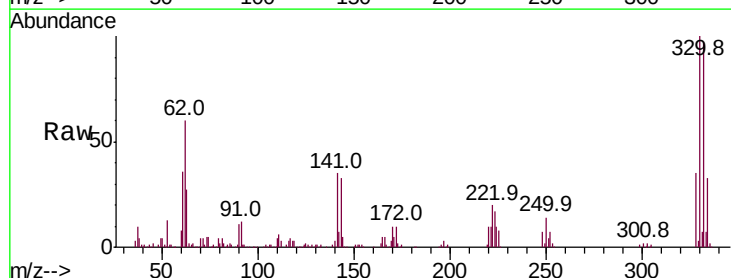


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

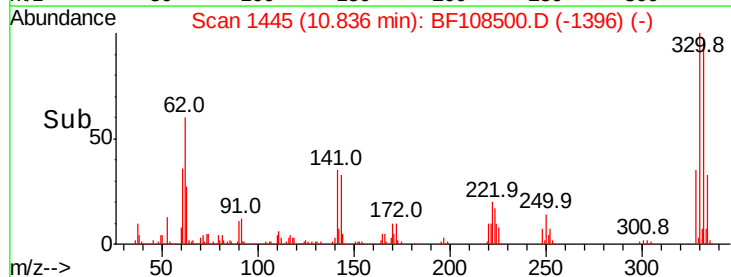
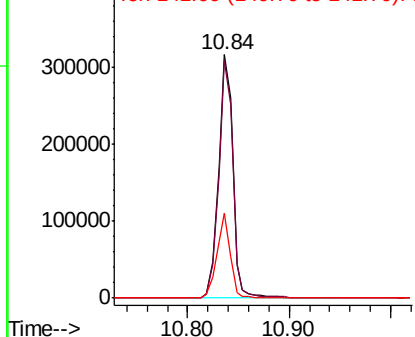


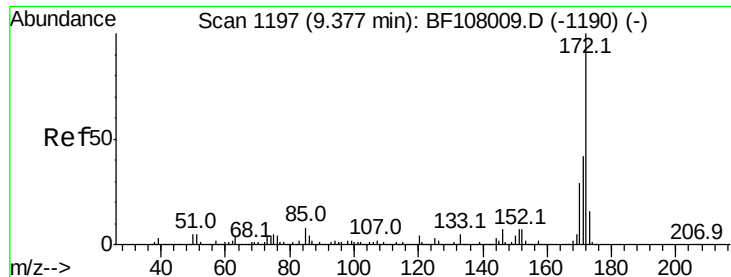
#41
2,4,6-Tribromophenol
Concen: 124.714 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

Tgt Ion:330 Resp: 310476
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 32.6 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



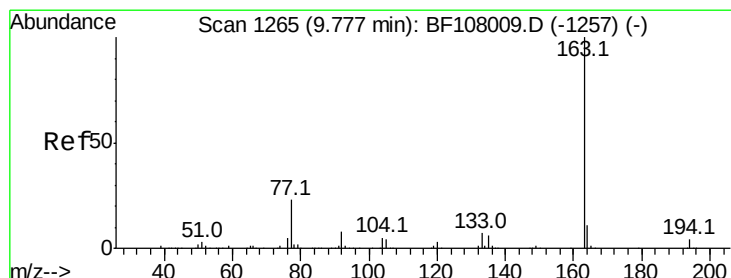
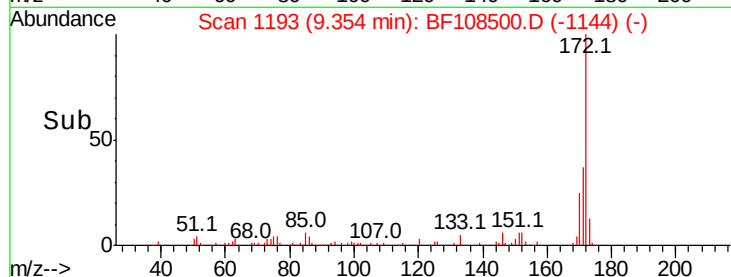
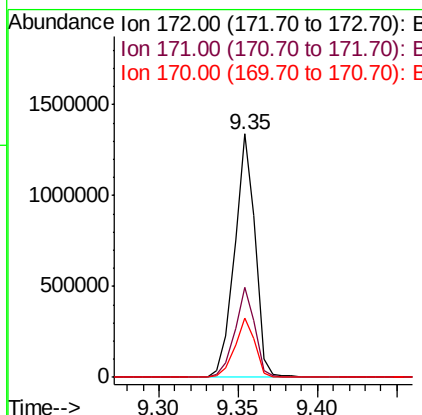
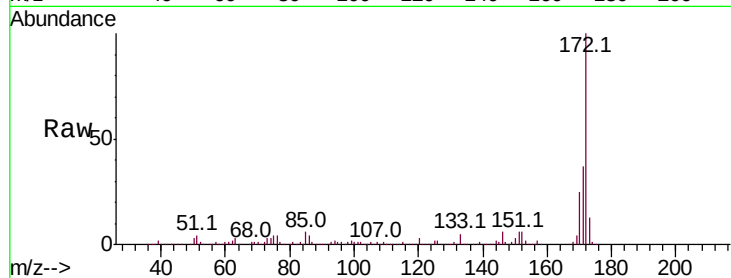


#44
 2-Fluorobiphenyl
 Concen: 77.572 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108500.D
 Acq: 27 Aug 2018 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion:172 Resp: 1205907

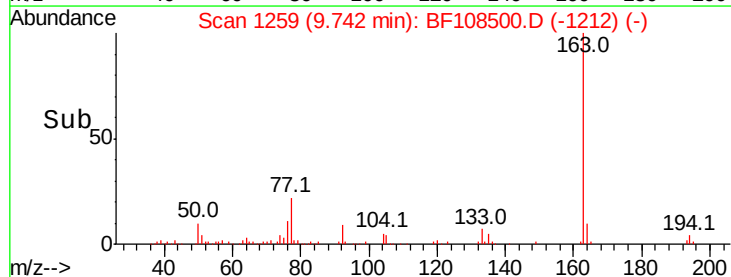
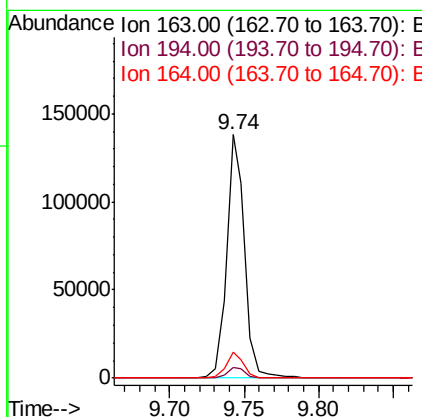
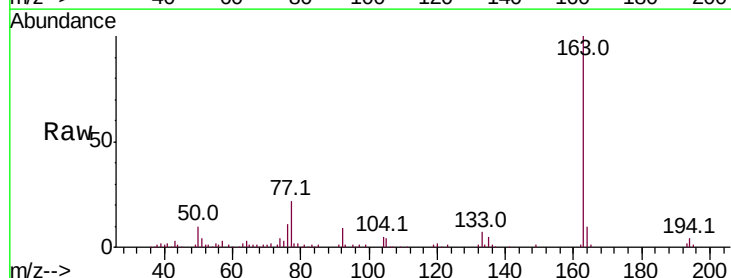
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4

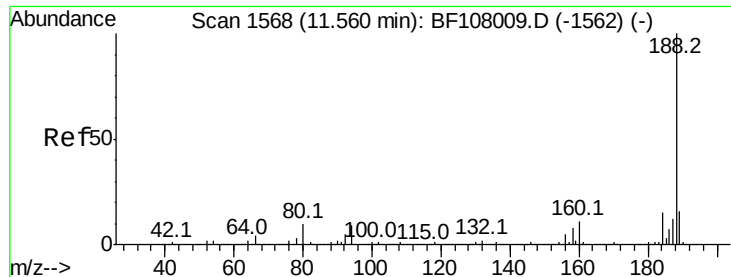


#49
 Dimethylphthalate
 Concen: 6.743 ng
 RT: 9.74 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF108500.D
 Acq: 27 Aug 2018 10:42

Tgt Ion:163 Resp: 117228

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	10.5	8.2	12.2

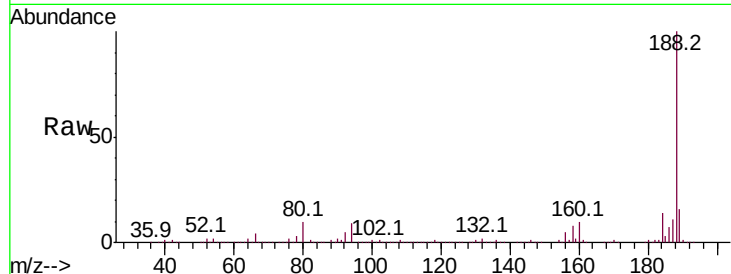




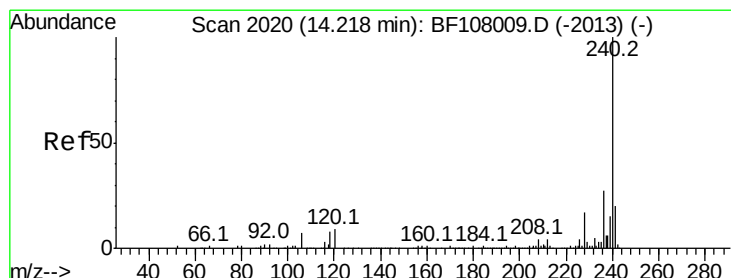
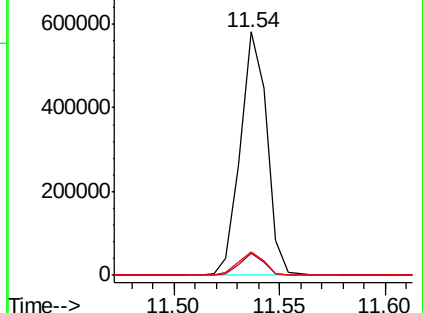
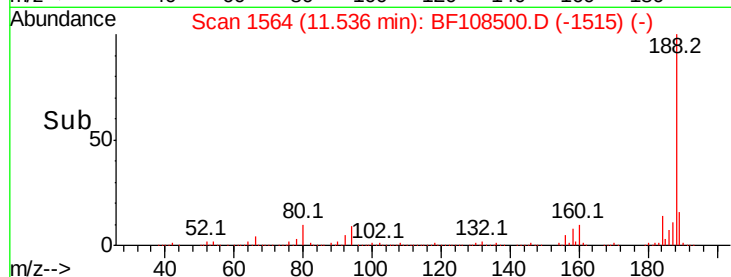
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.8	9.2	13.8

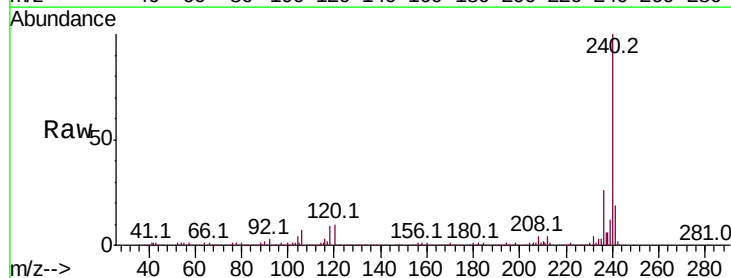


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

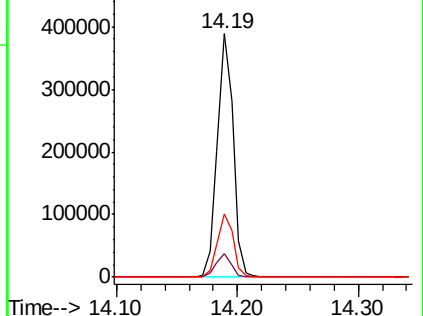
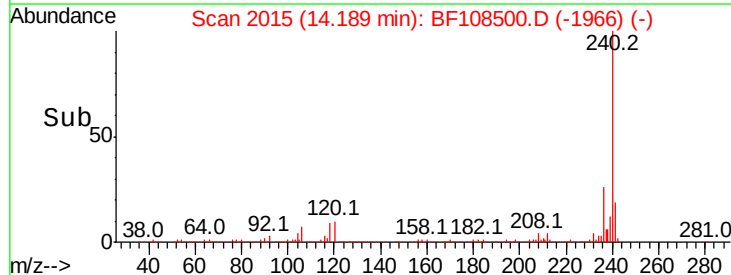


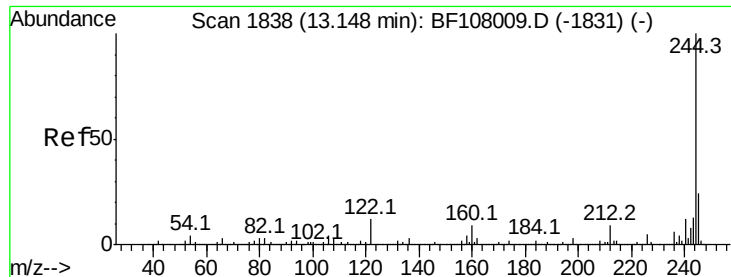
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3
236	25.9	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

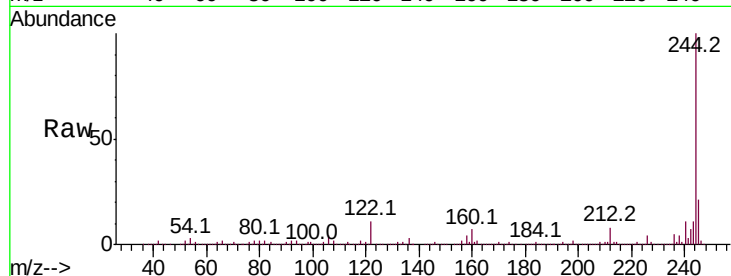




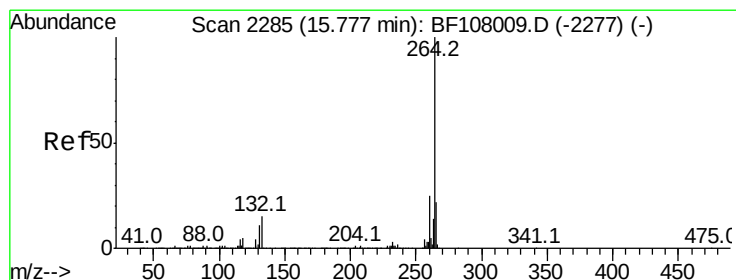
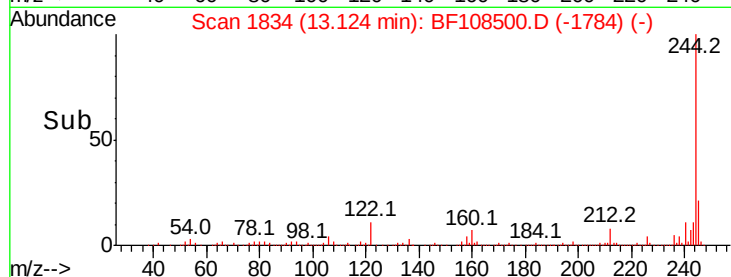
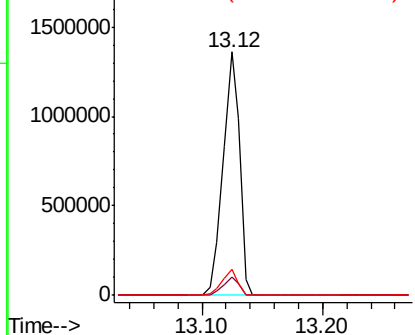
#78
 Terphenyl-d14
 Concen: 93.642 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108500.D
 Acq: 27 Aug 2018 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion:244 Resp: 1282630
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.0
 122 10.8 11.0 16.4#

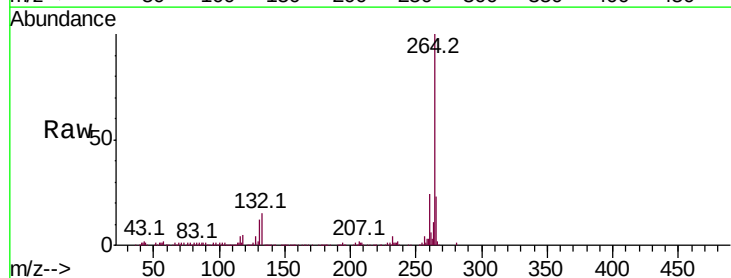


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108500.D
 Acq: 27 Aug 2018 10:42

Tgt Ion:264 Resp: 298101
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.5 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

