

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108499.D
 Acq On : 27 Aug 2018 10:15
 Operator : JU/SJ
 Sample : J4629-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-038

Quant Time: Aug 27 11:22:09 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

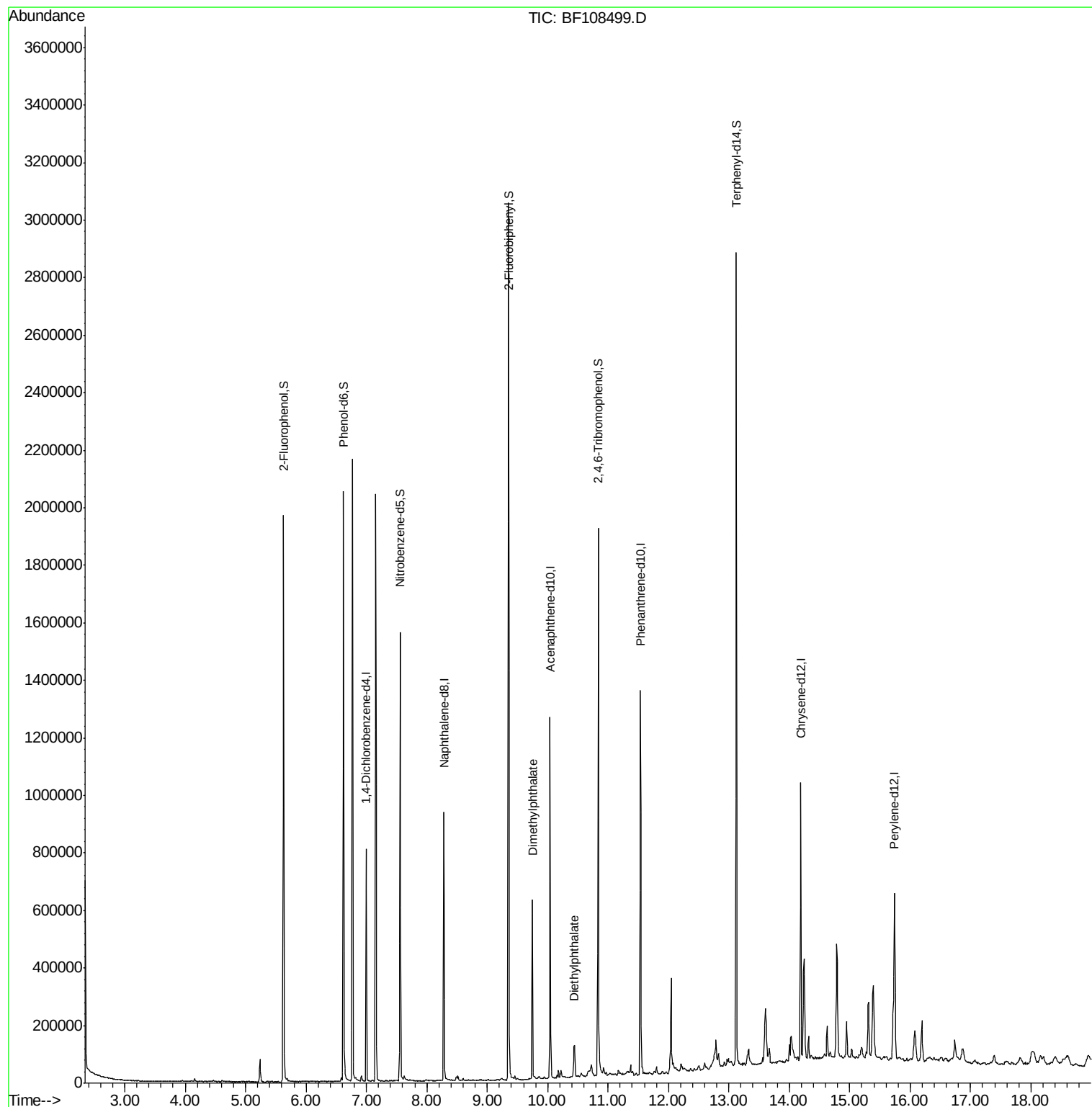
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	112116	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	432682	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	226416	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	457838	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	307607	20.00	ng	-0.01
86) Perylene-d12	15.74	264	275927	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	530950	85.74	ng	0.00
7) Phenol-d6	6.62	99	714533	86.83	ng	0.00
23) Nitrobenzene-d5	7.56	82	465924	60.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	226816	100.43	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	893106	63.33	ng	-0.01
78) Terphenyl-d14	13.12	244	947780	78.34	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	250806	15.902	ng	Qvalue # 98
59) Diethylphthalate	10.44	149	59814	3.916	ng	96

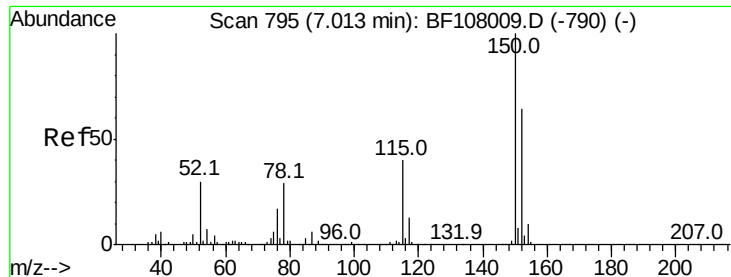
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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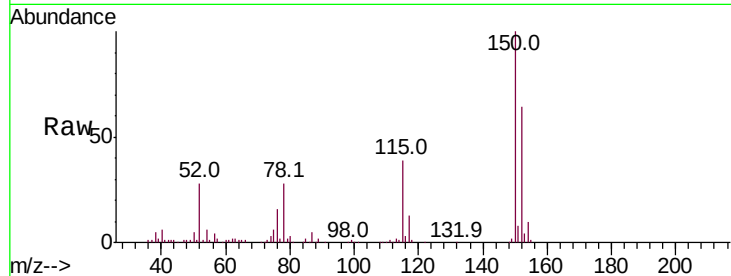


#1

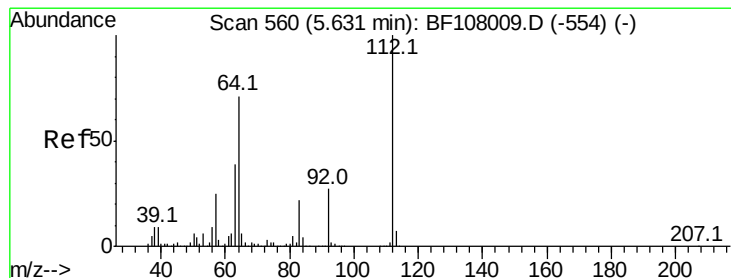
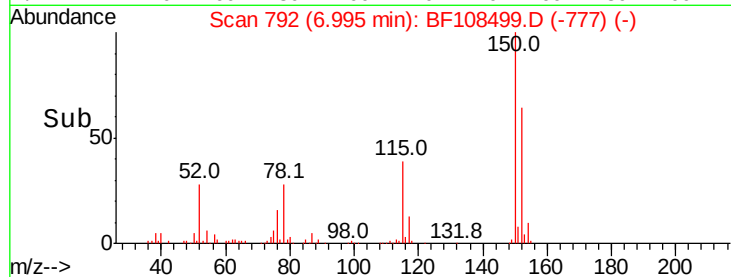
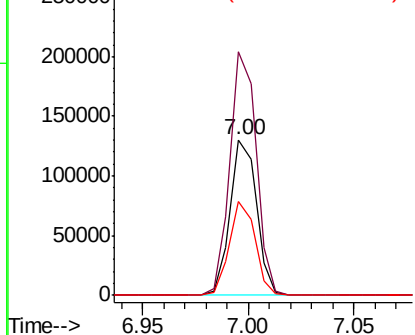
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108499.D
Acq: 27 Aug 2018 10:15

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-038

Tot Ion:152 Resp: 112116
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 60.3 50.1 75.1



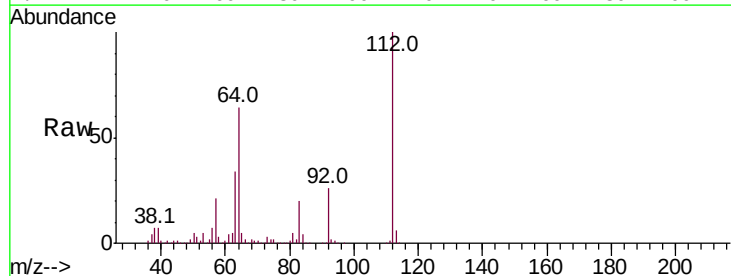
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



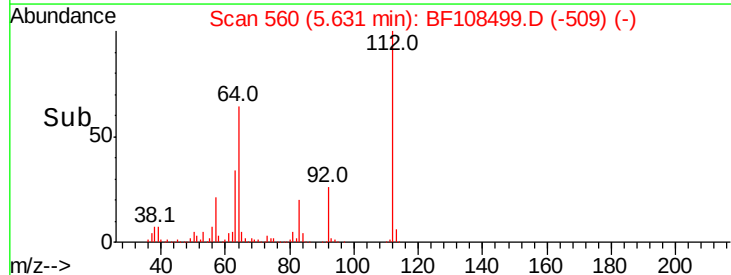
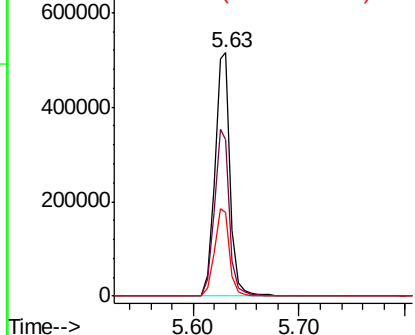
#5

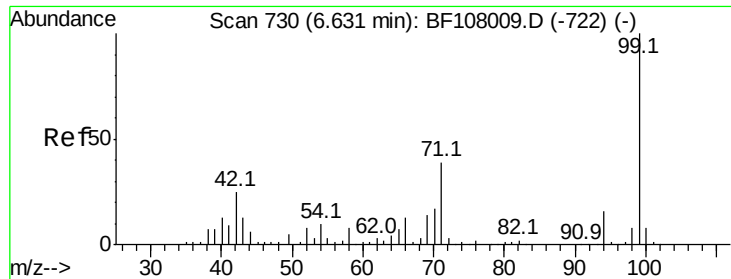
2-Fluorophenol
Concen: 85.738 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108499.D
Acq: 27 Aug 2018 10:15

Tgt Ion:112 Resp: 530950
Ion Ratio Lower Upper
112 100
64 64.5 47.9 71.9
63 34.4 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: 86.828 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108499.D

Acq: 27 Aug 2018 10:15

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-038

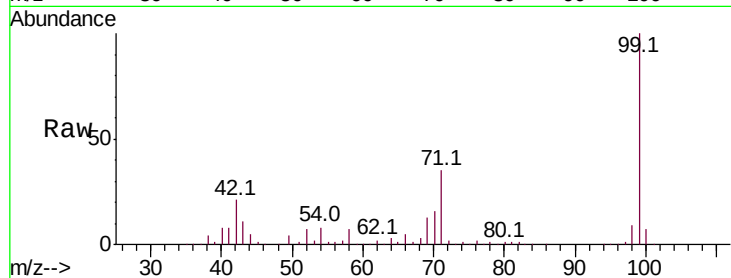
Tot Ion: 99 Resp: 714533

Ion Ratio Lower Upper

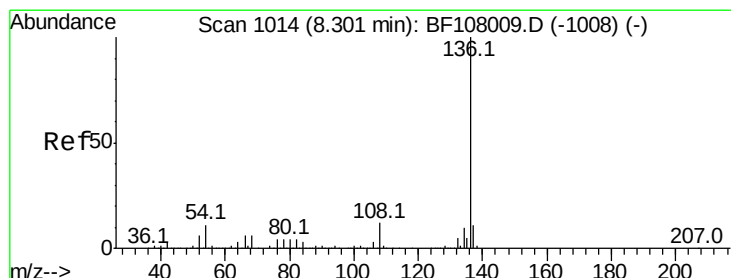
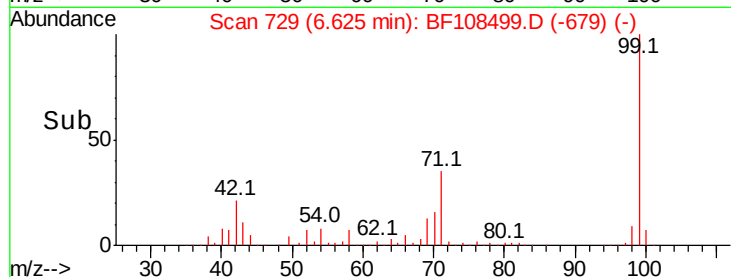
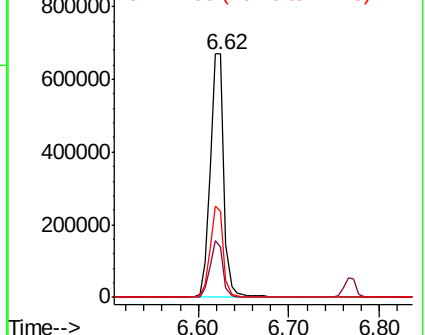
99 100

42 20.8 14.5 21.7

71 35.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108499.D

Acq: 27 Aug 2018 10:15

Tgt Ion: 136 Resp: 432682

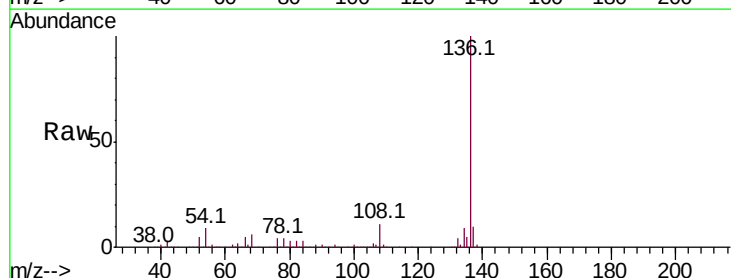
Ion Ratio Lower Upper

136 100

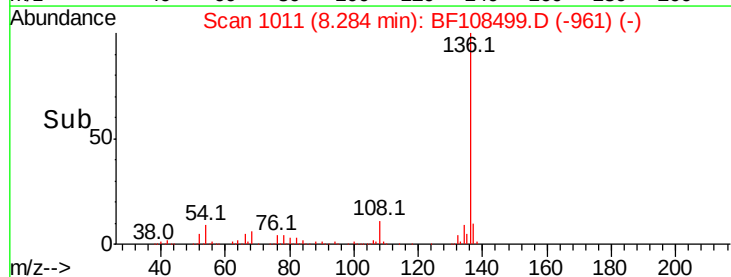
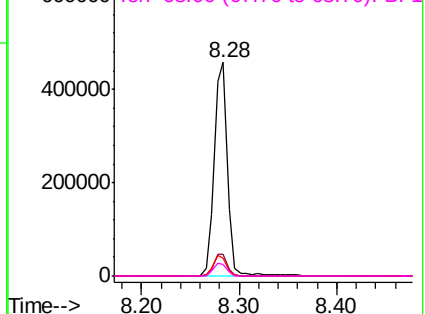
137 10.4 8.9 13.3

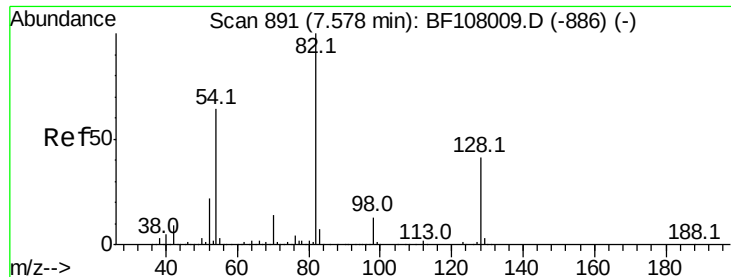
54 8.6 6.6 9.8

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

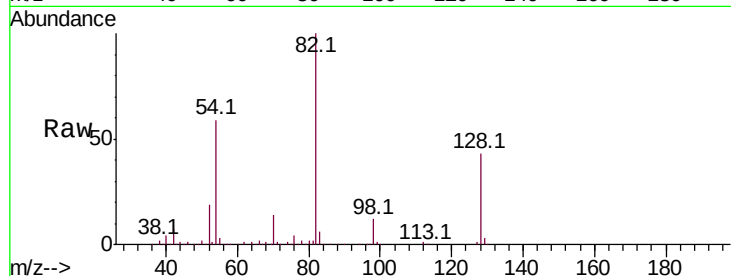




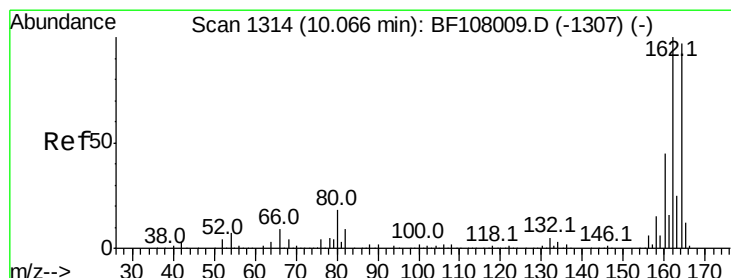
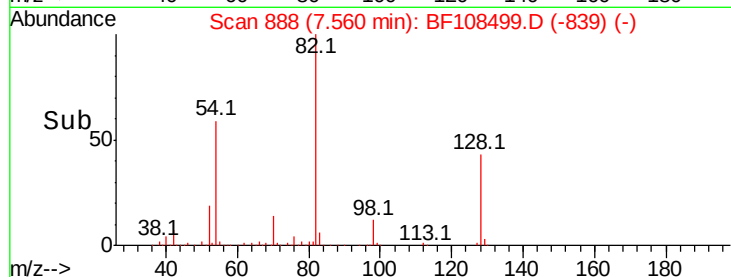
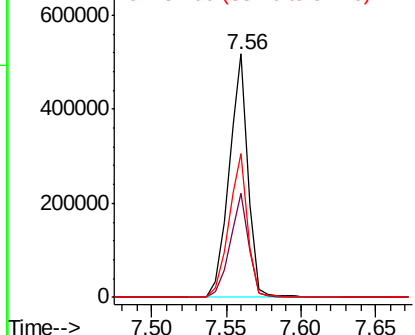
#23
 Nitrobenzene-d5
 Concen: 60.089 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108499.D
 Acq: 27 Aug 2018 10:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-038

Tot Ion: 82 Resp: 465924
 Ion Ratio Lower Upper
 82 100
 128 42.9 36.1 54.1
 54 59.1 41.4 62.2

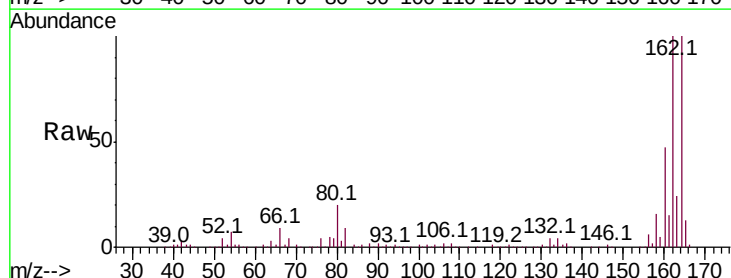


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

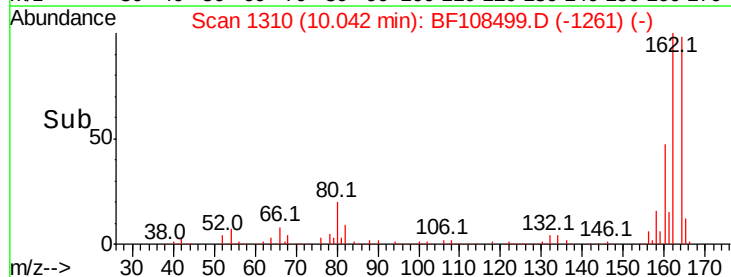
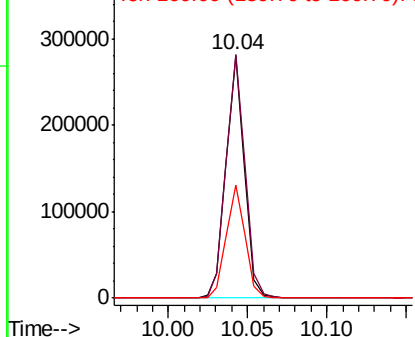


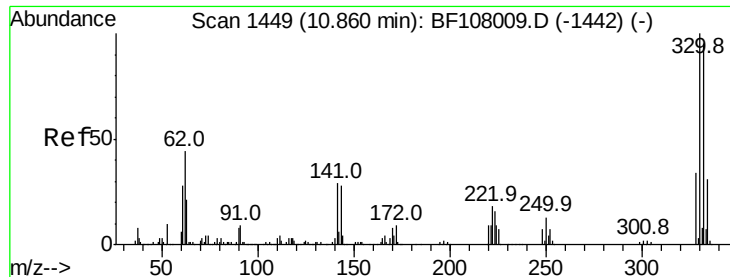
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108499.D
 Acq: 27 Aug 2018 10:15

Tgt Ion: 164 Resp: 226416
 Ion Ratio Lower Upper
 164 100
 162 100.2 86.1 129.1
 160 46.8 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

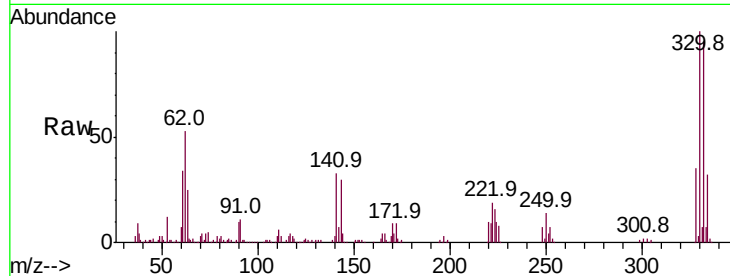




#41
 2,4,6-Tribromophenol
 Concen: 100.430 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108499.D
 Acq: 27 Aug 2018 10:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-038

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	32.8	29.9	44.9

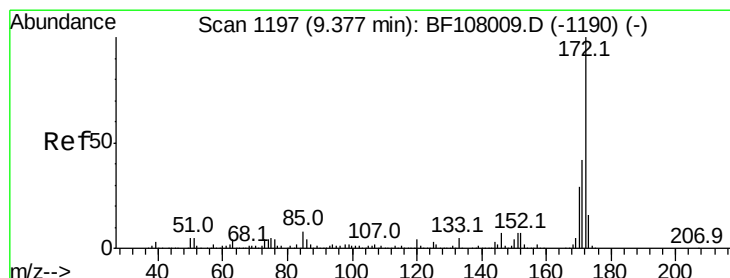
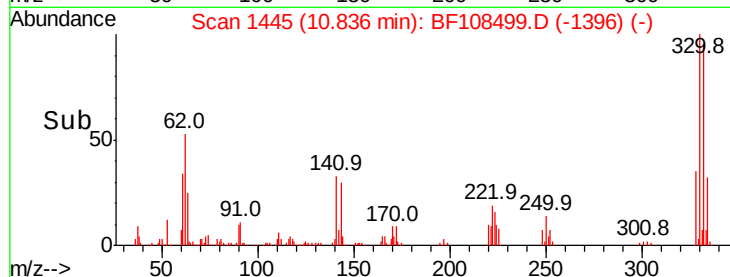
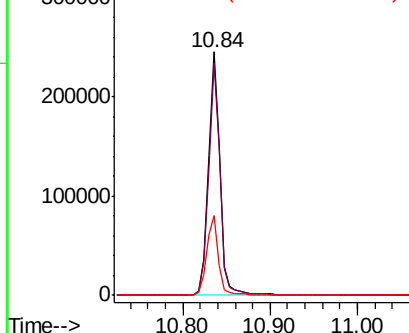


Abundance

Ion 329.80 (329.50 to 330.50): E

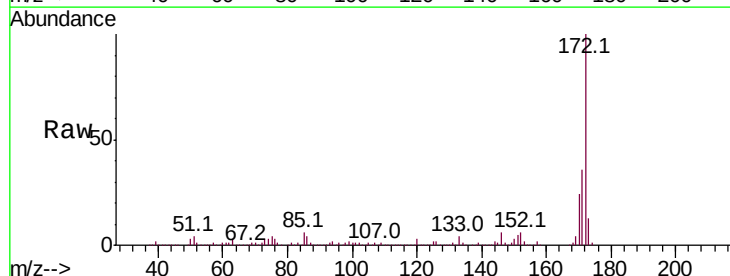
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.328 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108499.D
 Acq: 27 Aug 2018 10:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	19.6	29.4

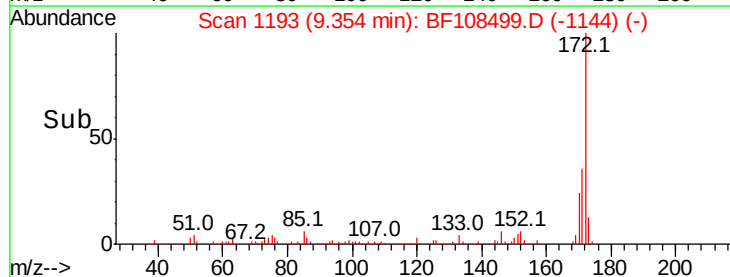
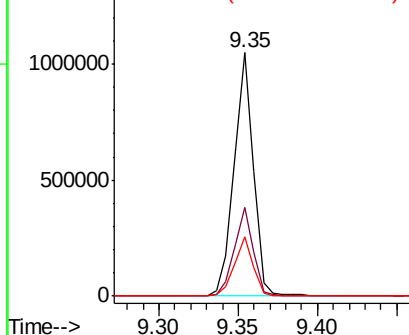


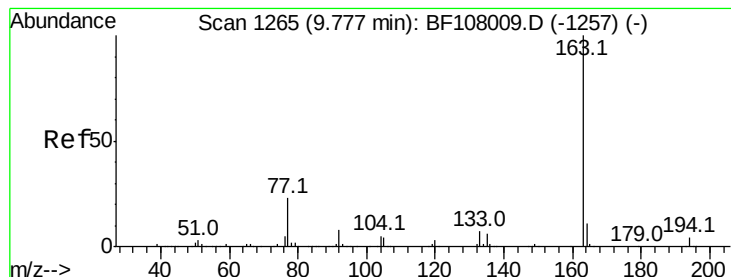
Abundance

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: 15.902 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108499.D

Acq: 27 Aug 2018 10:15

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-038

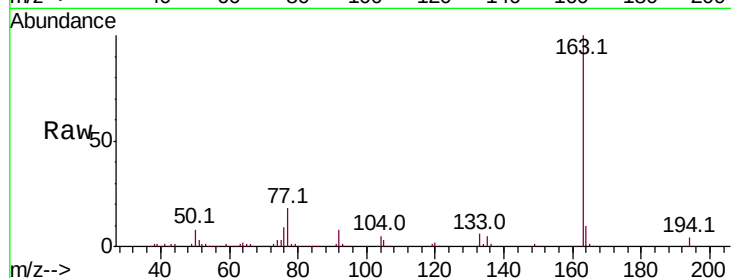
Tot Ion:163 Resp: 250806

Ion Ratio Lower Upper

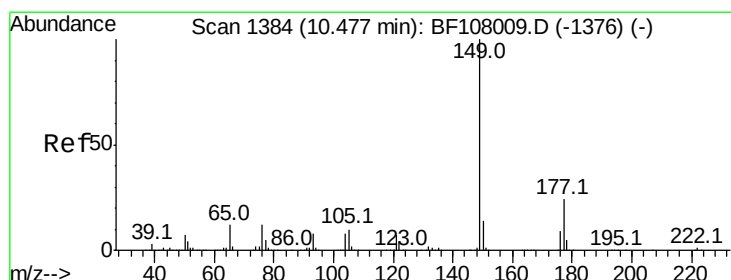
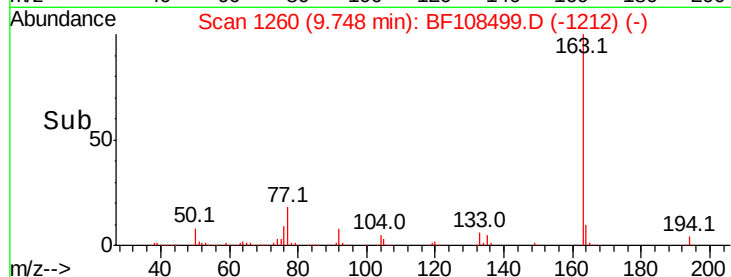
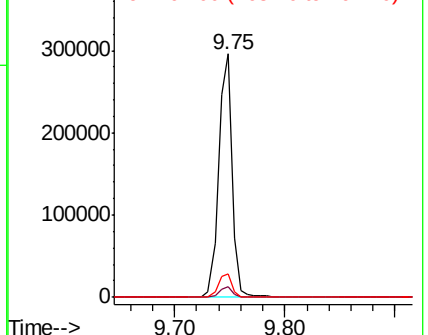
163 100

194 4.3 2.7 4.1#

164 9.7 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



#59

Diethylphthalate

Concen: 3.916 ng

RT: 10.44 min Scan# 1378

Delta R.T. -0.02 min

Lab File: BF108499.D

Acq: 27 Aug 2018 10:15

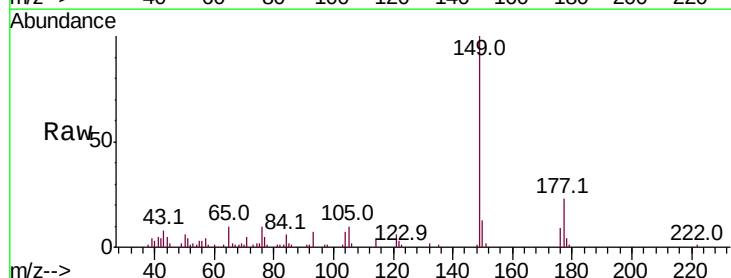
Tgt Ion:149 Resp: 59814

Ion Ratio Lower Upper

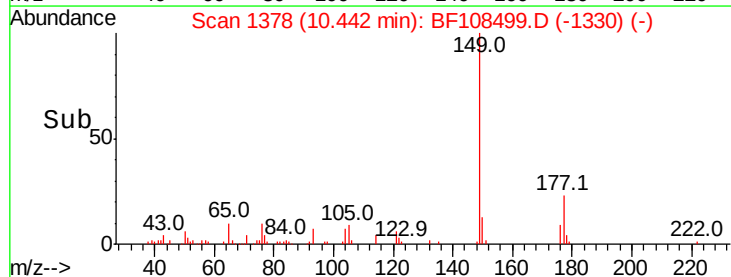
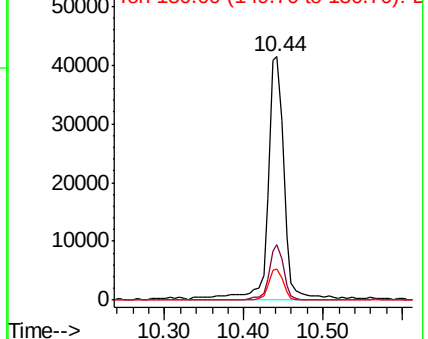
149 100

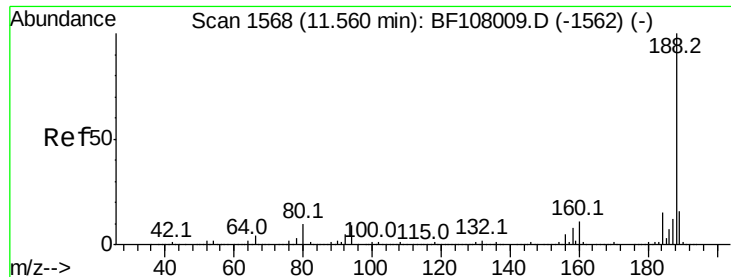
177 22.9 16.1 24.1

150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF108499.D

Acq: 27 Aug 2018 10:15

Instrument :

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ClientSampleId :

FK-PS-01-038

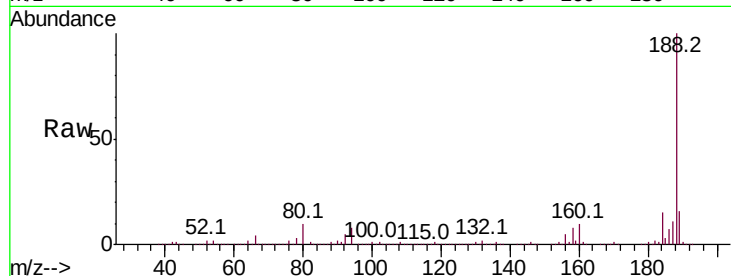
Tot Ion:188 Resp: 457838

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

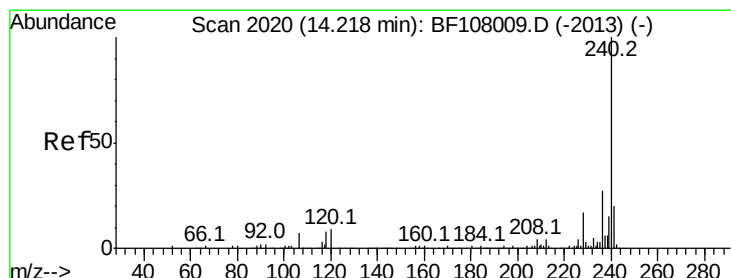
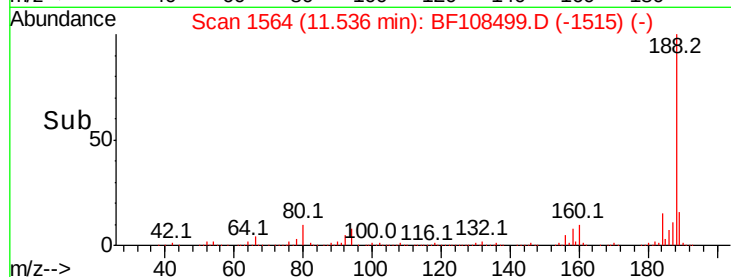
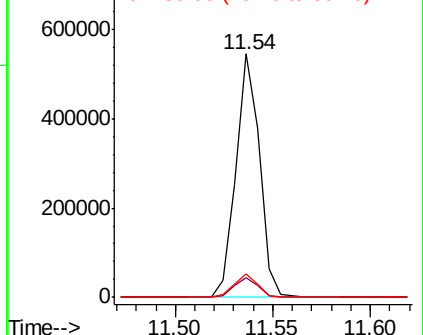
80 9.7 9.2 13.8



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: BF108499.D

Acq: 27 Aug 2018 10:15

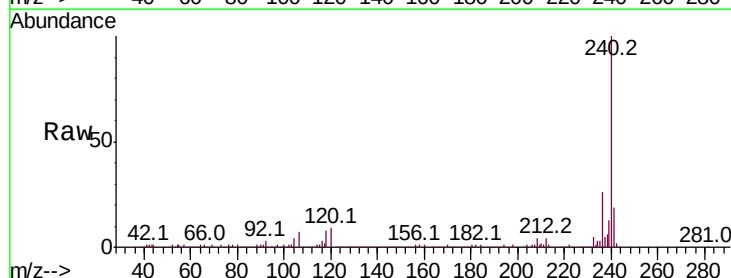
Tgt Ion:240 Resp: 307607

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

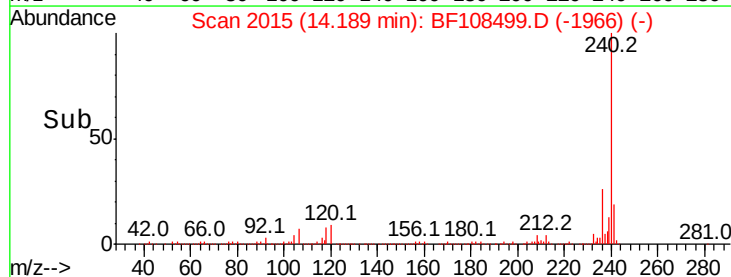
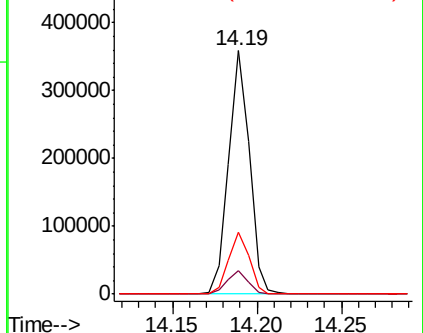
236 25.6 20.7 31.1

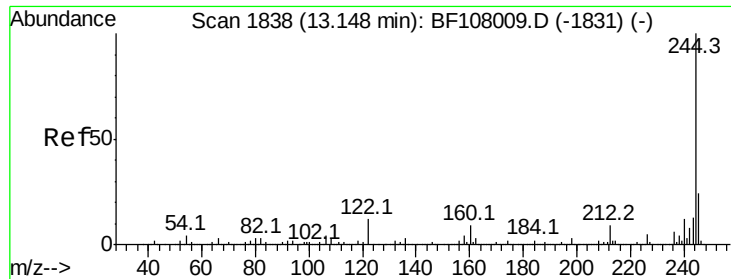


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

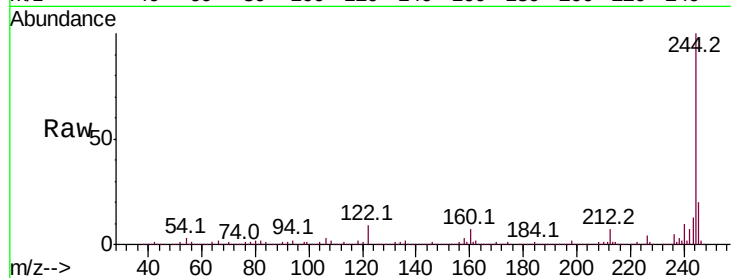




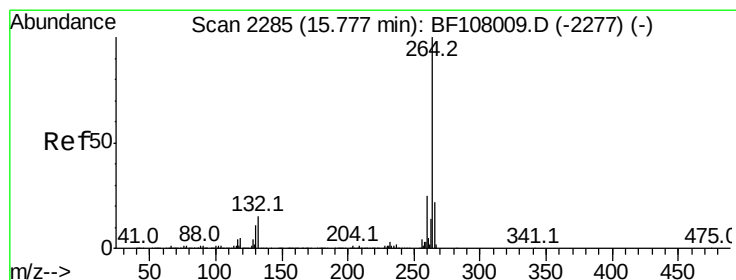
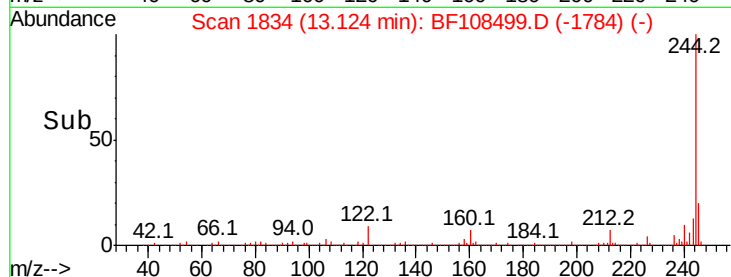
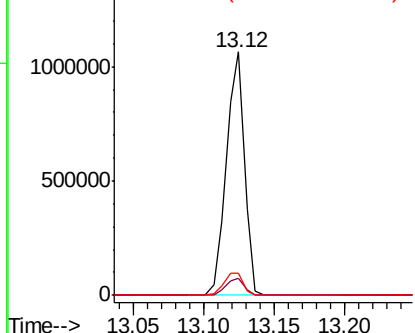
#78
 Terphenyl-d14
 Concen: 78.340 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108499.D
 Acq: 27 Aug 2018 10:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-038

Tot Ion:244 Resp: 947780
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 9.0 11.0 16.4#

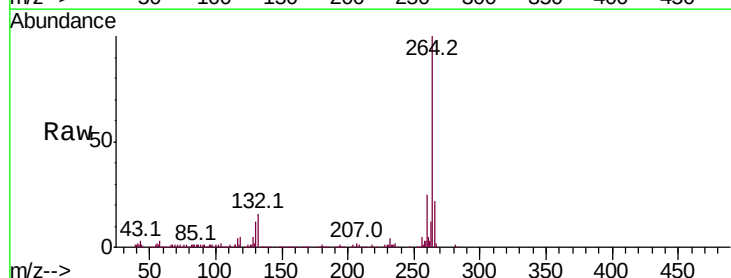


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108499.D
 Acq: 27 Aug 2018 10:15

Tgt Ion:264 Resp: 275927
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 22.3 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

