

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
 Data File : BF112681.D
 Acq On : 22 Feb 2019 22:55
 Operator : JU/SJ
 Sample : K1570-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 10-10

Quant Time: Feb 23 01:30:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

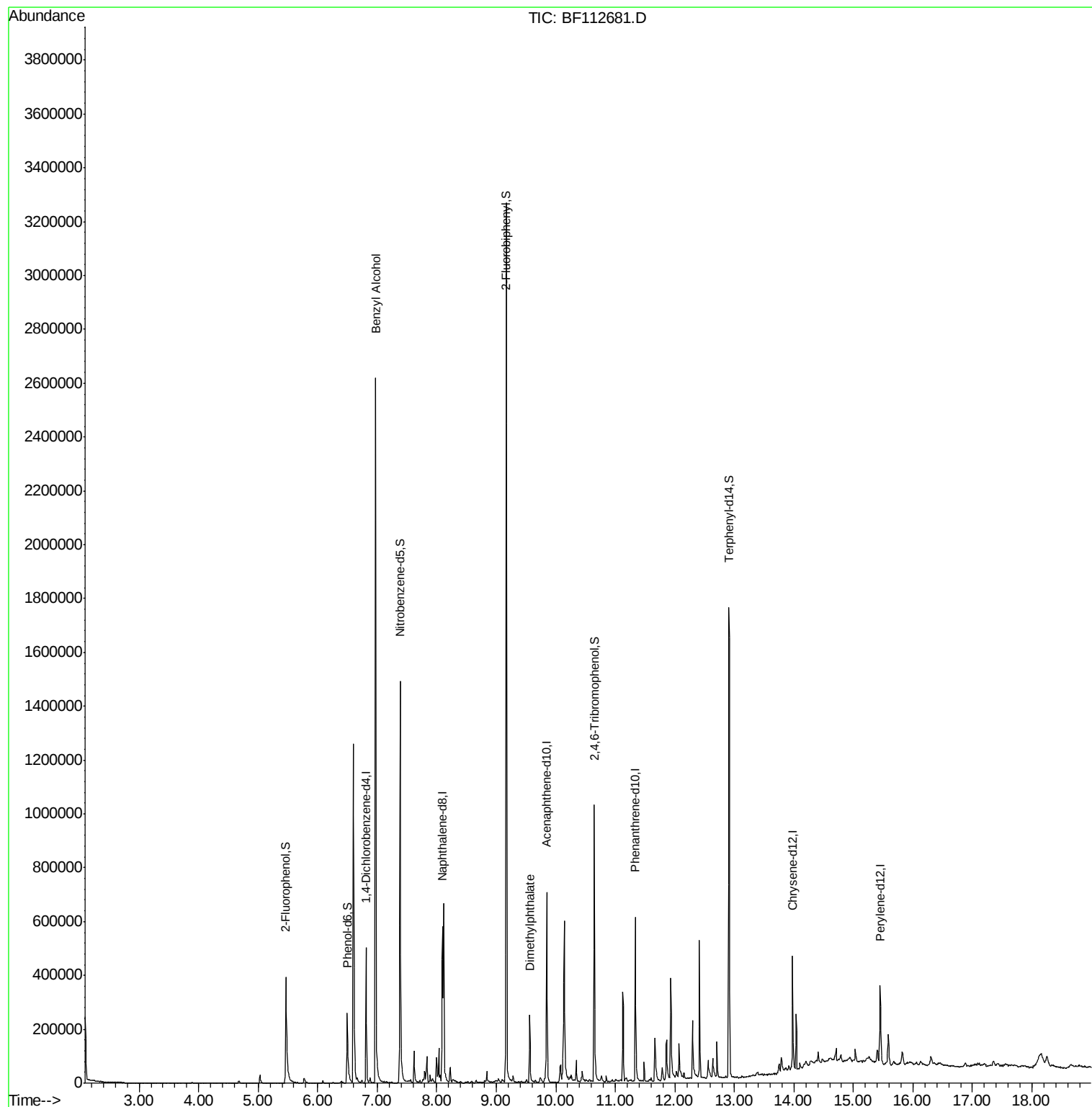
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	76571	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	327736	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	131002	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	196446	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	139723	20.00	ng	-0.03
87) Perylene-d12	15.45	264	135783	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	173496	48.13	ng	-0.01
7) Phenol-d6	6.49	99	127024	25.36	ng	0.00
23) Nitrobenzene-d5	7.39	82	526529	92.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	134364	88.12	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	1016006	109.69	ng	-0.04
79) Terphenyl-d14	12.92	244	577982	77.91	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	6.97	79	184186	43.618	ng	91
50) Dimethylphthalate	9.56	163	94275	9.262	ng	98

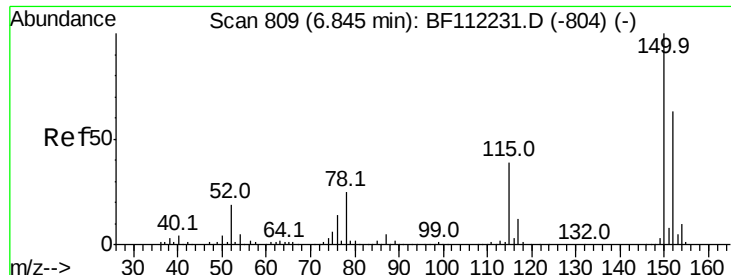
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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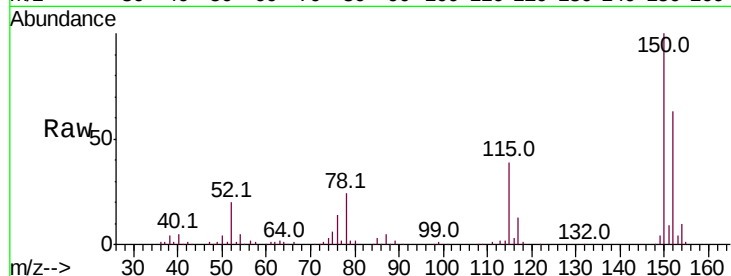


#1

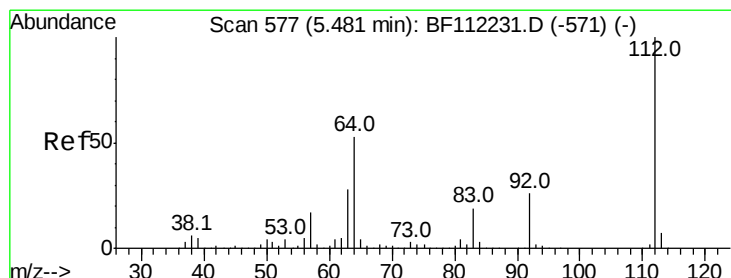
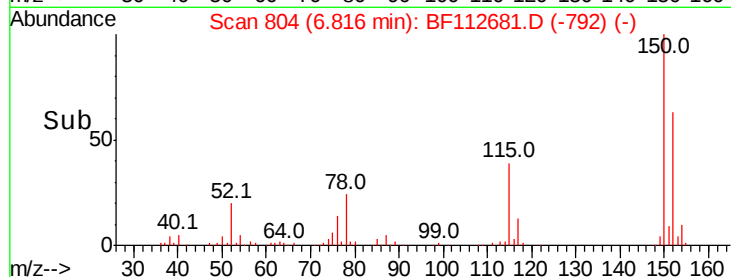
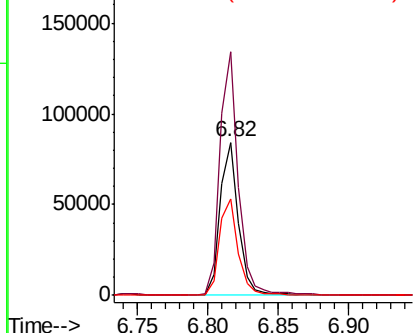
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112681.D
Acq: 22 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
10-10

Tot Ion:152 Resp: 76571
Ion Ratio Lower Upper
152 100
150 158.8 127.4 191.0
115 62.7 45.5 68.3



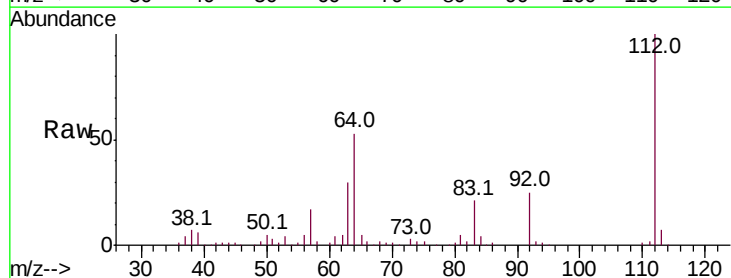
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



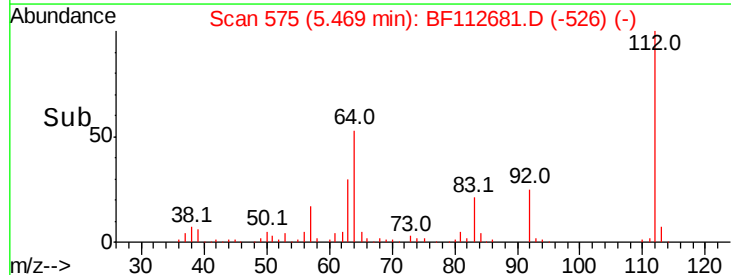
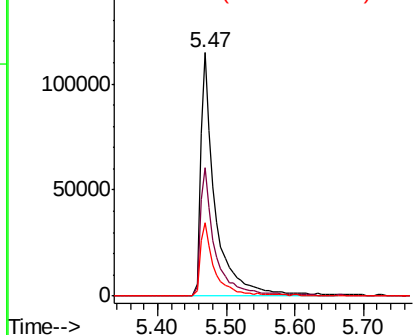
#5

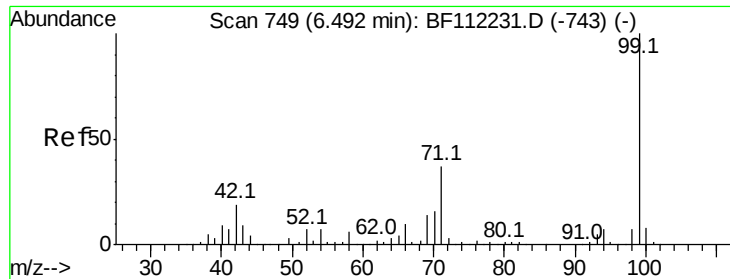
2-Fluorophenol
Concen: 48.127 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112681.D
Acq: 22 Feb 2019 22:55

Tgt Ion:112 Resp: 173496
Ion Ratio Lower Upper
112 100
64 52.8 45.7 68.5
63 30.0 23.6 35.4



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: 25.358 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112681.D

Acq: 22 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

10-10

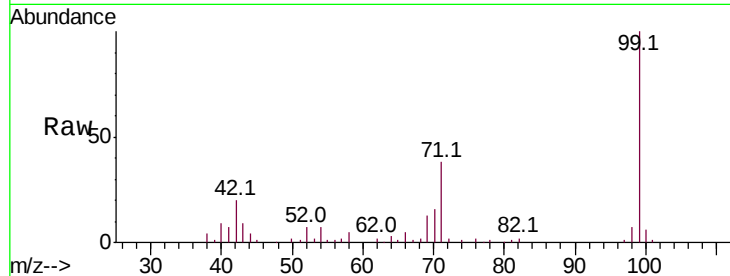
Tot Ion: 99 Resp: 127024

Ion Ratio Lower Upper

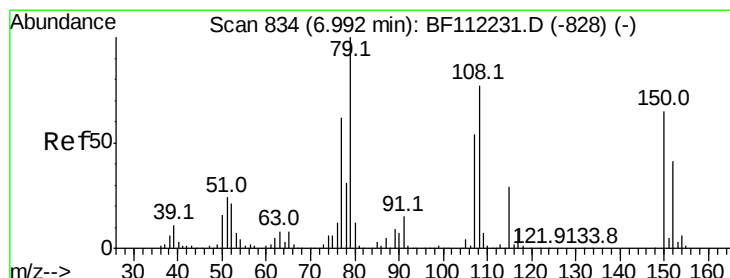
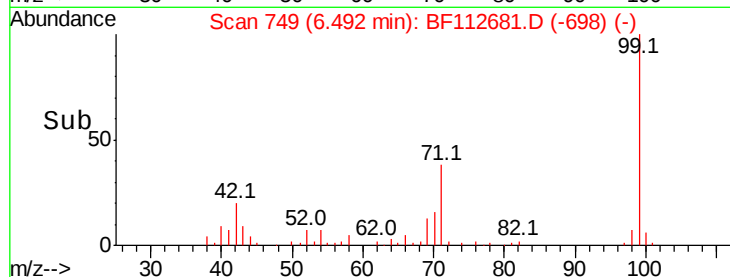
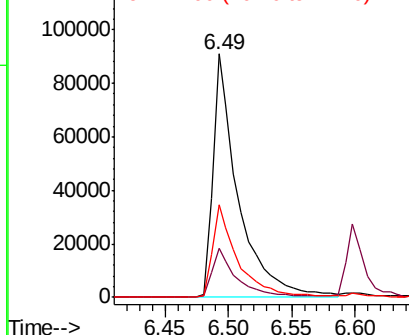
99 100

42 20.2 15.1 22.7

71 38.3 26.9 40.3



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



#15

Benzyl Alcohol

Concen: 43.618 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF112681.D

Acq: 22 Feb 2019 22:55

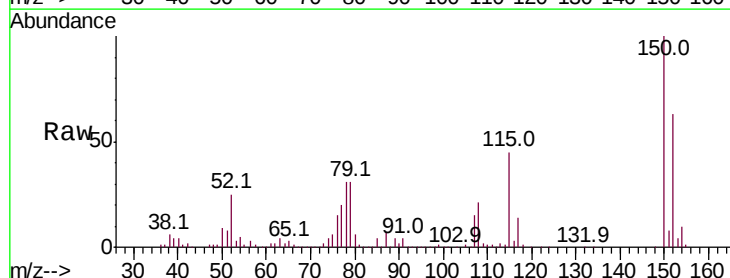
Tgt Ion: 79 Resp: 184186

Ion Ratio Lower Upper

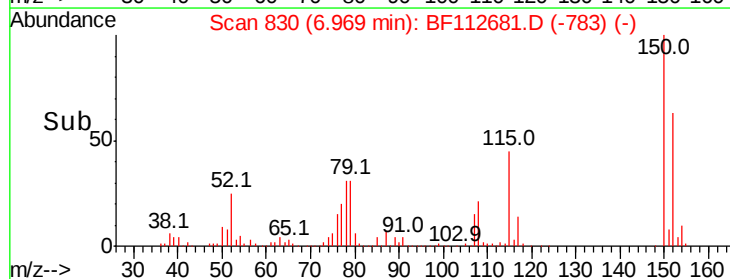
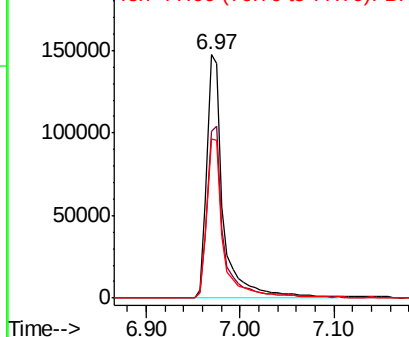
79 100

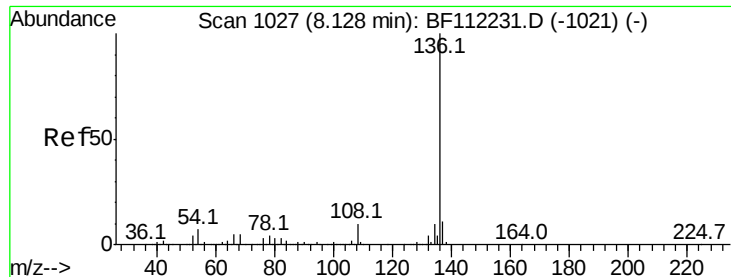
108 68.4 64.2 96.2

77 65.2 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF112681.D

Acq: 22 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

10-10

Tot Ion:136 Resp: 327736

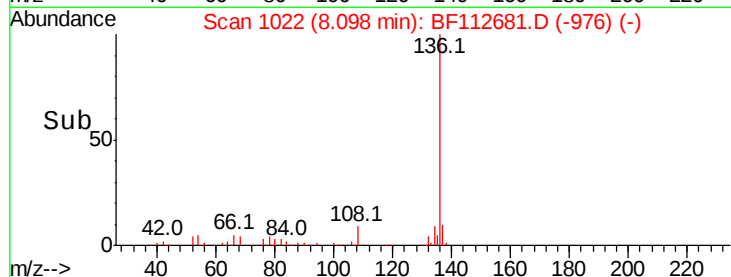
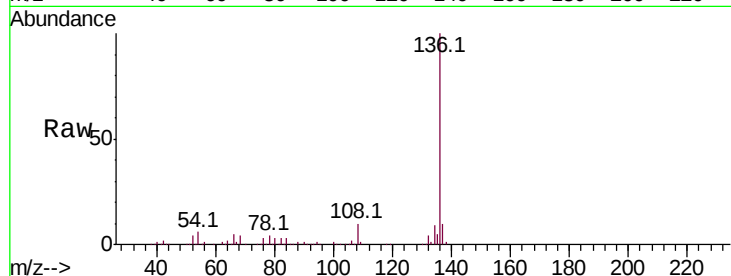
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 5.6 5.9 8.9#

68 4.4 5.1 7.7#

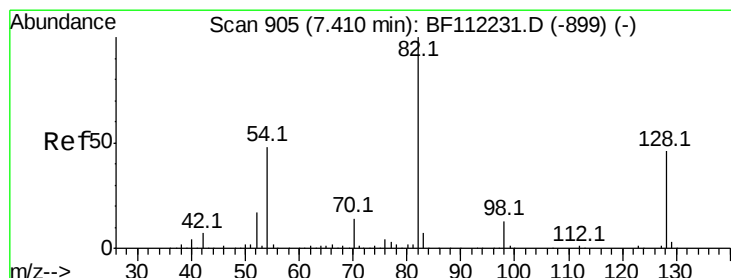
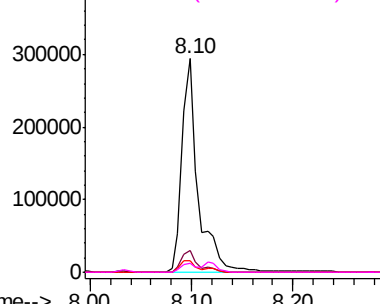


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.570 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF112681.D

Acq: 22 Feb 2019 22:55

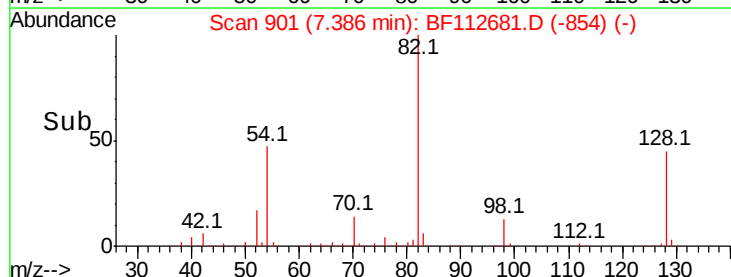
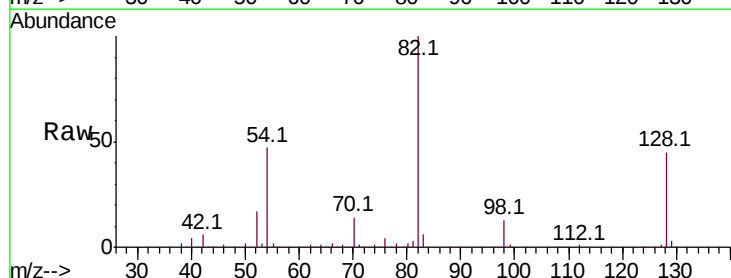
Tgt Ion: 82 Resp: 526529

Ion Ratio Lower Upper

82 100

128 45.1 37.8 56.8

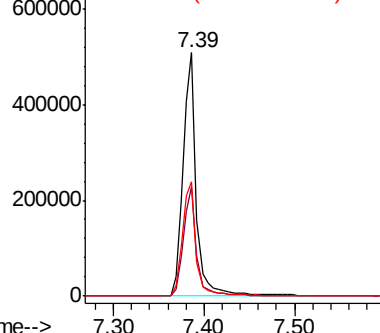
54 47.1 39.7 59.5

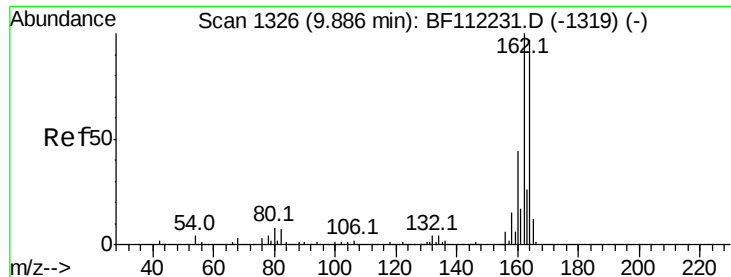


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

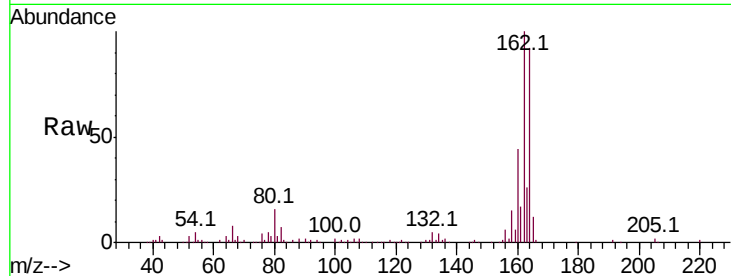




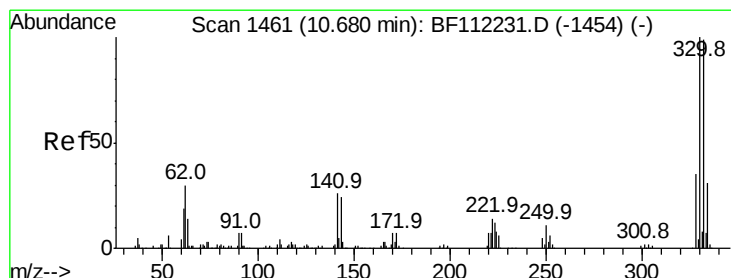
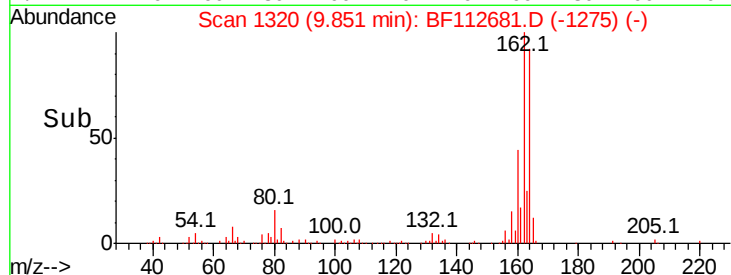
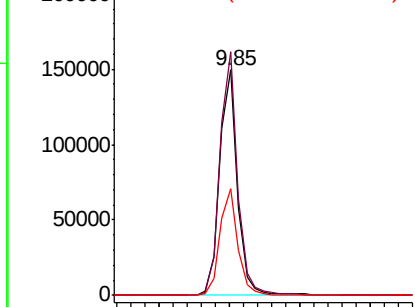
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF112681.D
 Acq: 22 Feb 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :
 10-10

Tot Ion:164 Resp: 131002
 Ion Ratio Lower Upper
 164 100
 162 108.1 82.2 123.4
 160 47.5 36.2 54.4

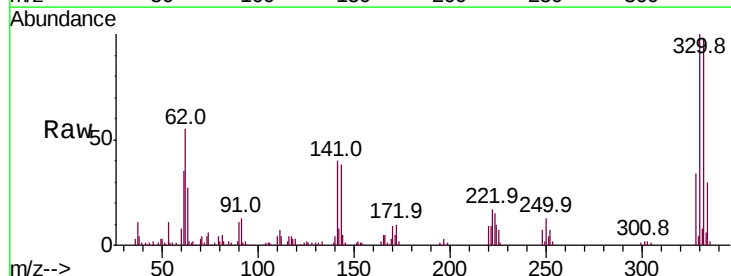


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

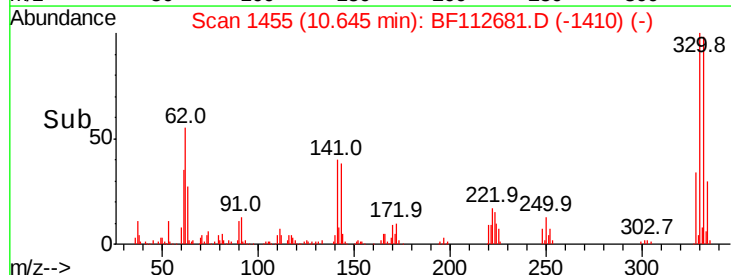
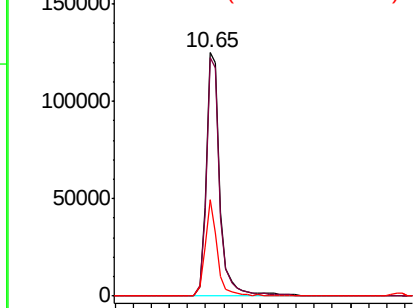


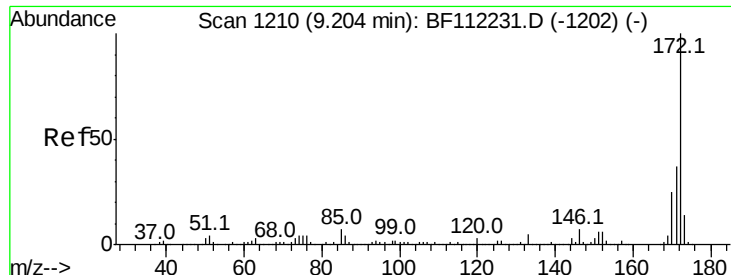
#42
 2,4,6-Tribromophenol
 Concen: 88.118 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.04 min
 Lab File: BF112681.D
 Acq: 22 Feb 2019 22:55

Tgt Ion:330 Resp: 134364
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 34.9 24.3 36.5



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



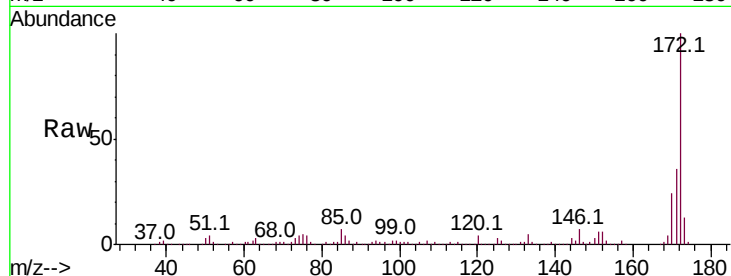


#45
 2-Fluorobiphenyl
 Concen: 109.691 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112681.D
 Acq: 22 Feb 2019 22:55

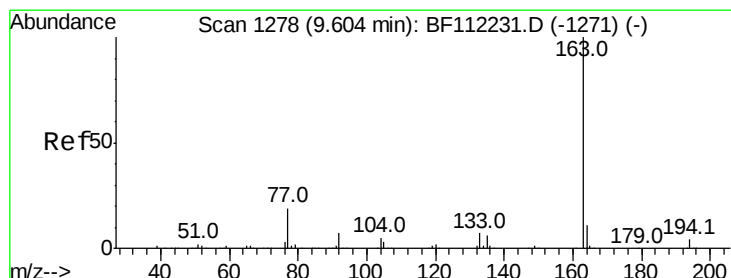
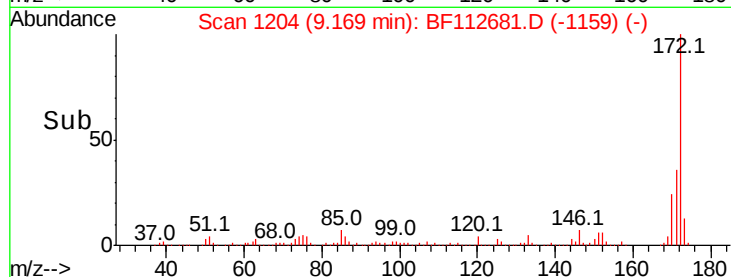
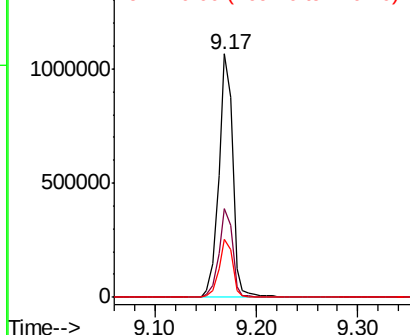
Instrument :
 BNA_F
 ClientSampleId :
 10-10

Tot Ion:172 Resp: 1016006

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	23.9	20.2	30.4



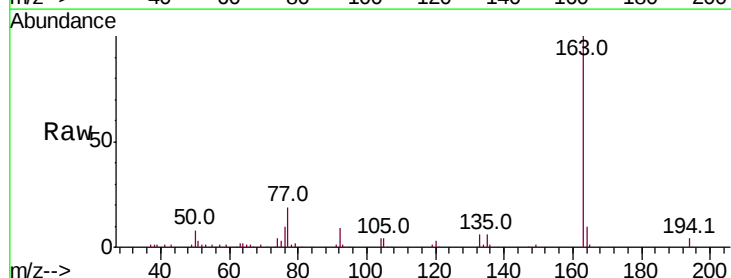
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



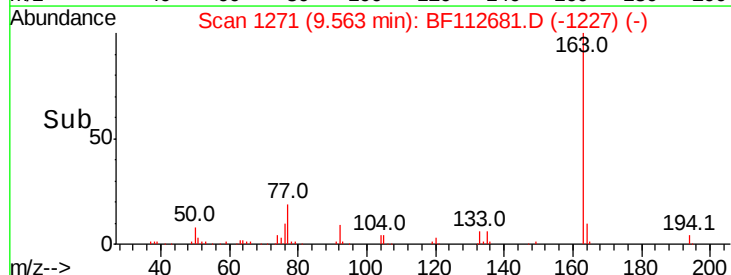
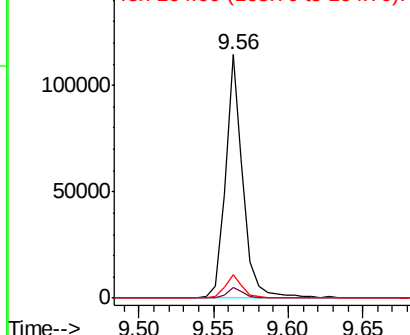
#50
 Dimethylphthalate
 Concen: 9.262 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.04 min
 Lab File: BF112681.D
 Acq: 22 Feb 2019 22:55

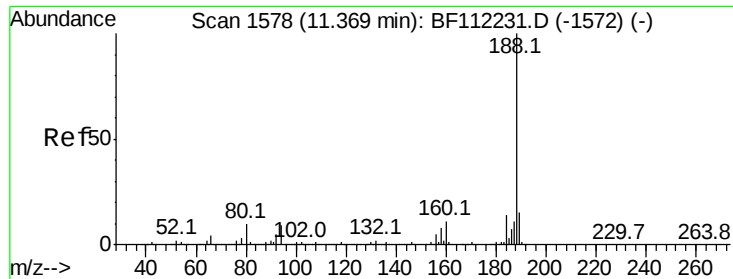
Tgt Ion:163 Resp: 94275

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.7	8.5	12.7



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF112681.D

Acq: 22 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

10-10

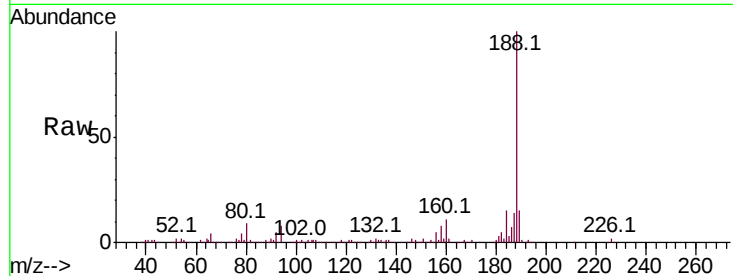
Tot Ion:188 Resp: 196446

Ion Ratio Lower Upper

188 100

94 7.9 8.2 12.2#

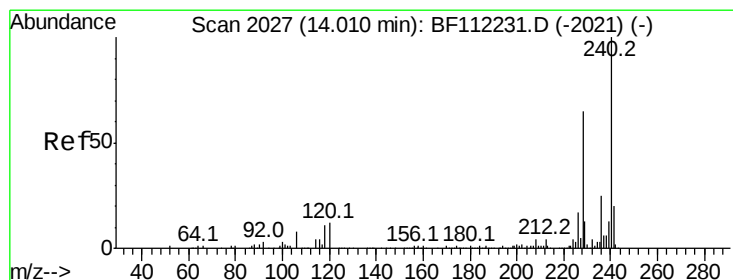
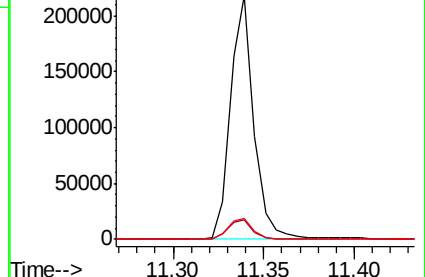
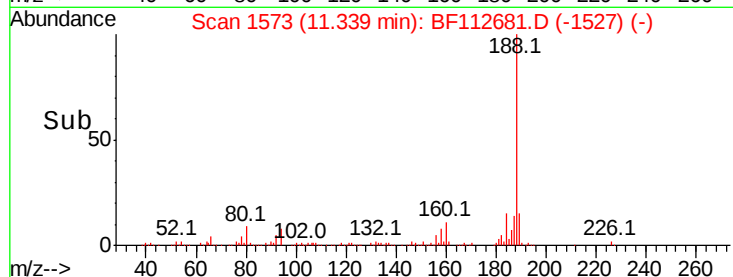
80 8.6 8.9 13.3#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF112681.D

Acq: 22 Feb 2019 22:55

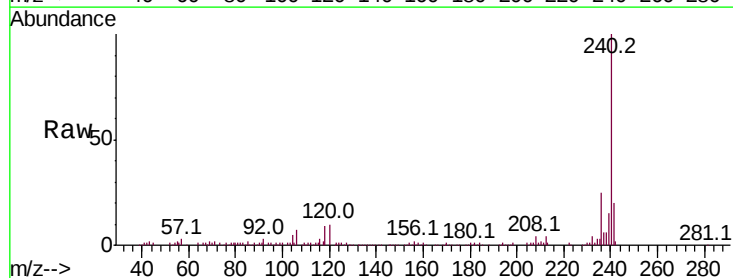
Tgt Ion:240 Resp: 139723

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

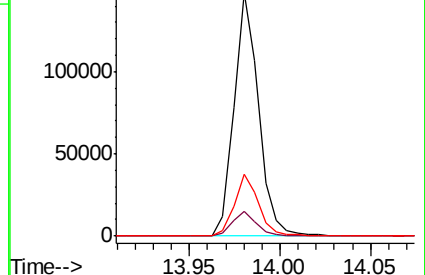
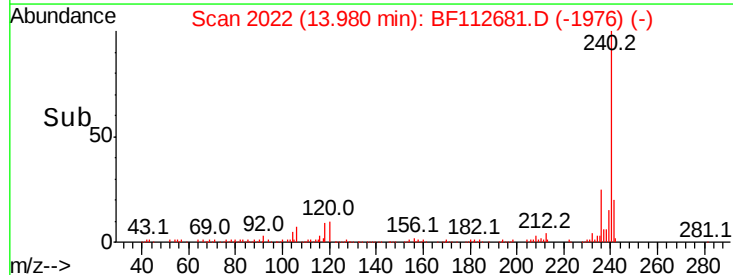
236 25.2 20.7 31.1

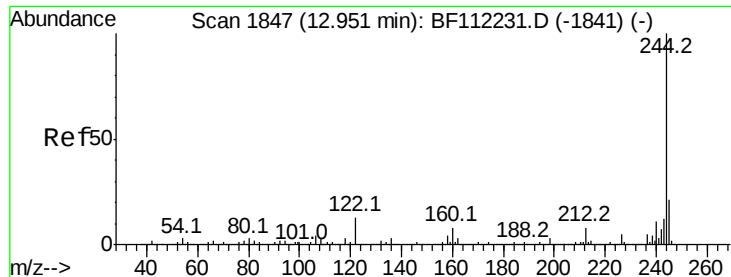


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

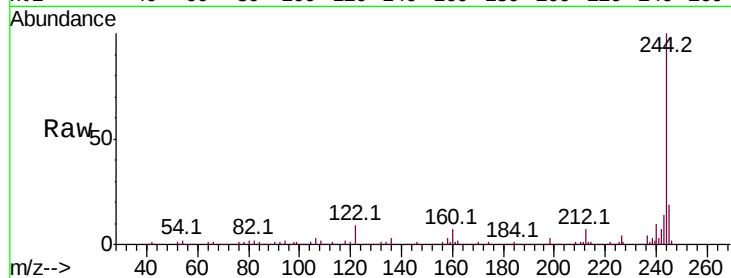




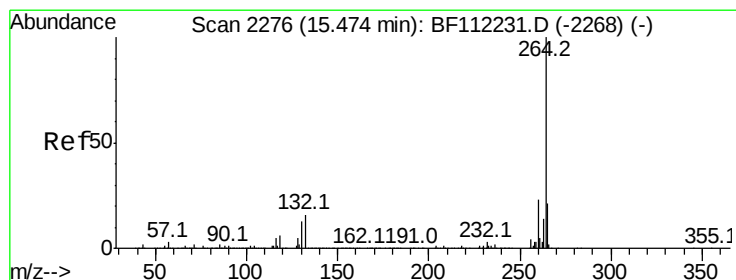
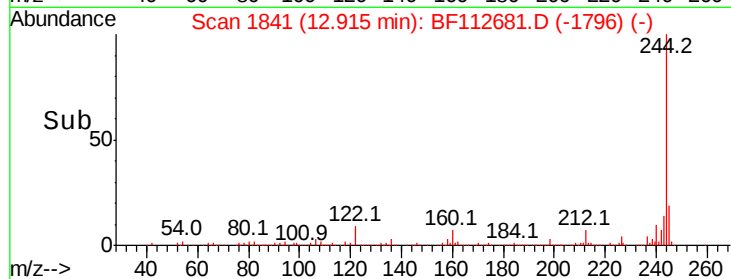
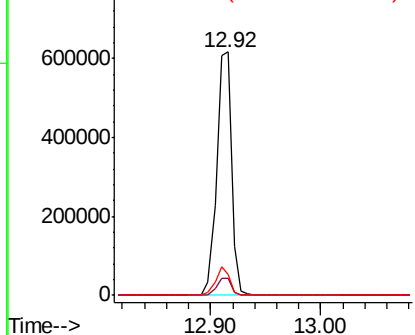
#79
 Terphenyl-d14
 Concen: 77.911 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF112681.D
 Acq: 22 Feb 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :
 10-10

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	8.6	9.8	14.6

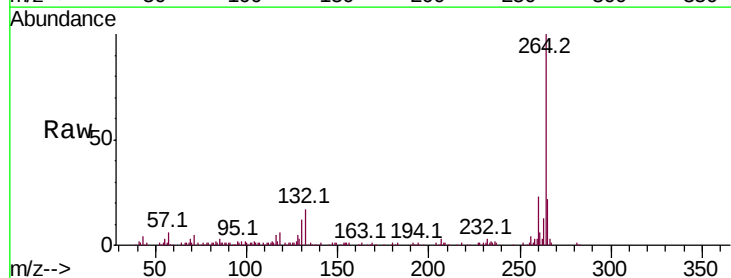


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BF112681.D
 Acq: 22 Feb 2019 22:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	21.5	17.0	25.4



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

