

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110006.D
 Acq On : 19 Oct 2018 16:54
 Operator : JU/SJ
 Sample : J5538-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TKDSLUDGE

Quant Time: Oct 20 01:16:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

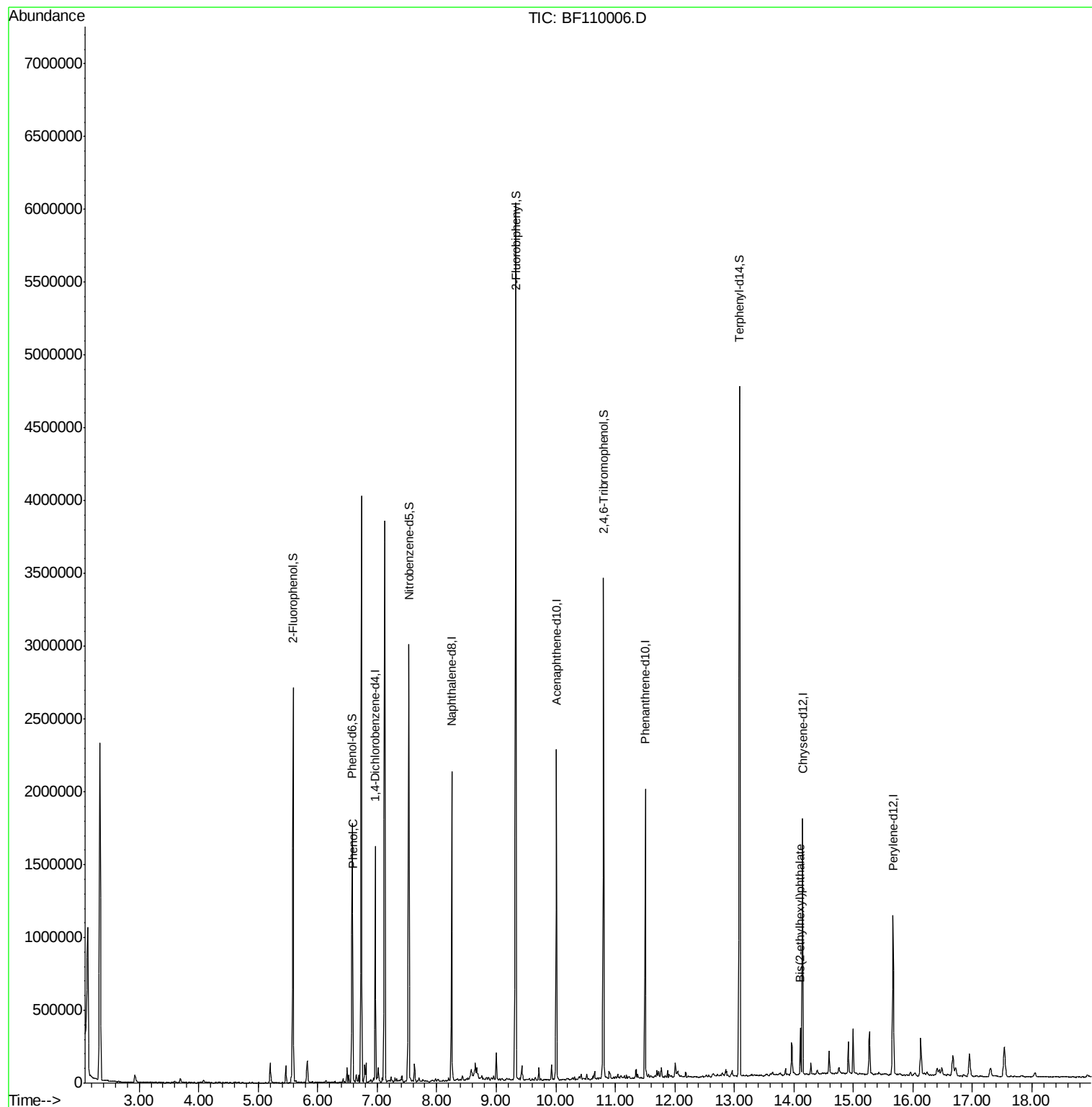
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	226041	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	891895	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	421126	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	759689	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	541602	20.00	ng	-0.02
87) Perylene-d12	15.67	264	374815	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	686358	48.13	ng	-0.01
7) Phenol-d6	6.58	99	555078	31.35	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1076813	81.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	408686	112.09	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1905724	72.21	ng	-0.01
79) Terphenyl-d14	13.09	244	1767091	68.51	ng	-0.01
Target Compounds						
10) Phenol	6.59	94	55328	2.894	ng	Qvalue # 63
84) Bis(2-ethylhexyl)phthalate	14.11	149	83425	3.942	ng	97

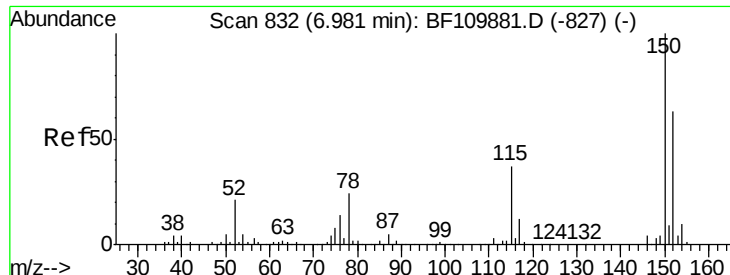
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 20 01:16:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



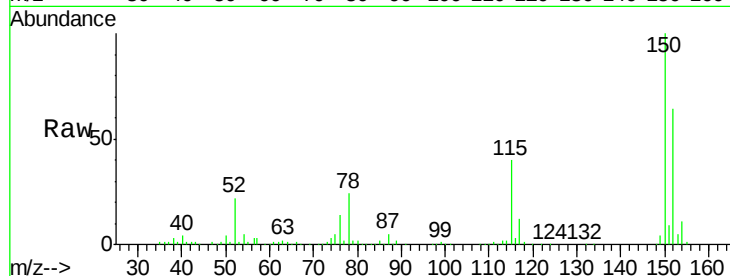


#1

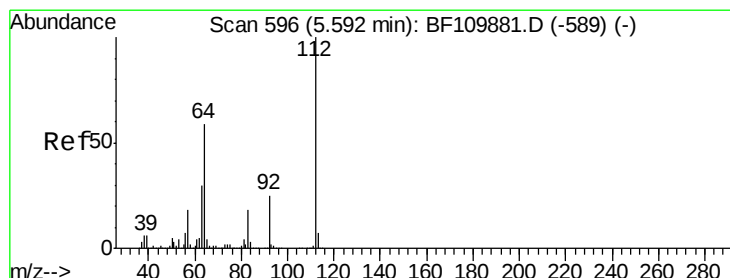
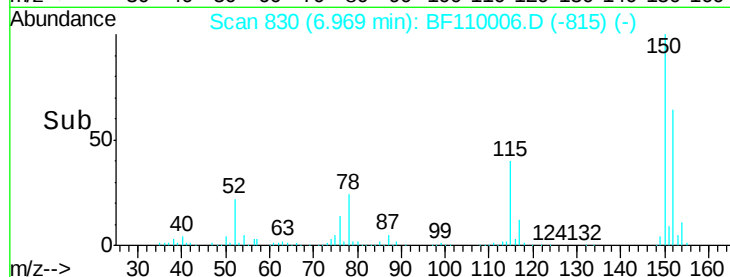
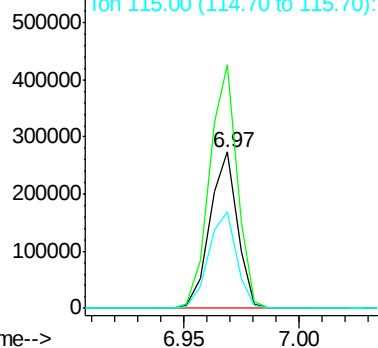
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110006.D
 Acq: 19 Oct 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 TKDSLUDGE

Tgt Ion:152 Resp: 226041
 Ion Ratio Lower Upper
 152 100
 150 156.1 122.7 184.1
 115 61.8 49.1 73.7



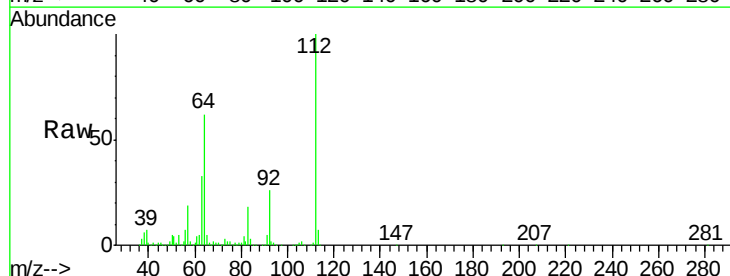
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



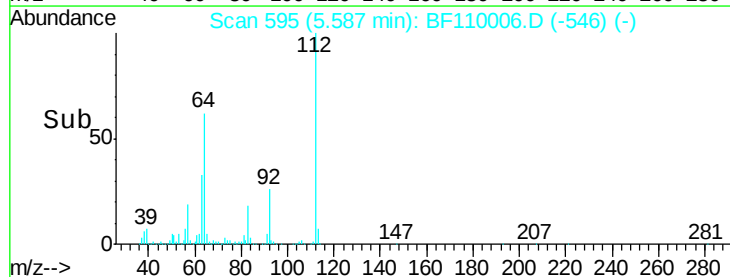
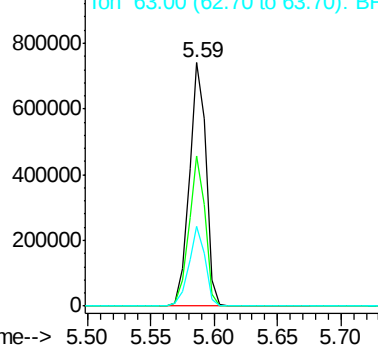
#5

2-Fluorophenol
 Concen: 48.132 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110006.D
 Acq: 19 Oct 2018 16:54

Tgt Ion:112 Resp: 686358
 Ion Ratio Lower Upper
 112 100
 64 61.7 44.1 66.1
 63 32.5 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: 31.348 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110006.D

Acq: 19 Oct 2018 16:54

Instrument :

BNA_F

ClientSampleId :

TKDSLUDGE

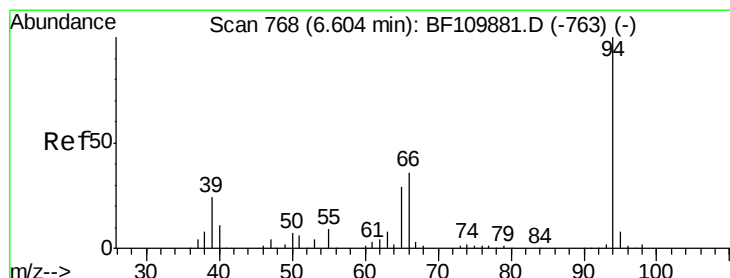
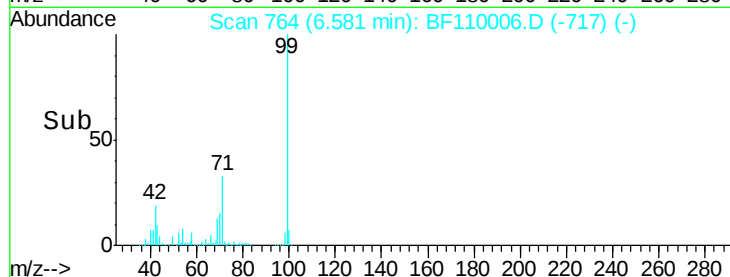
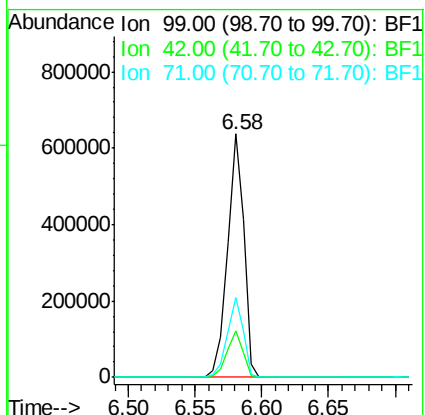
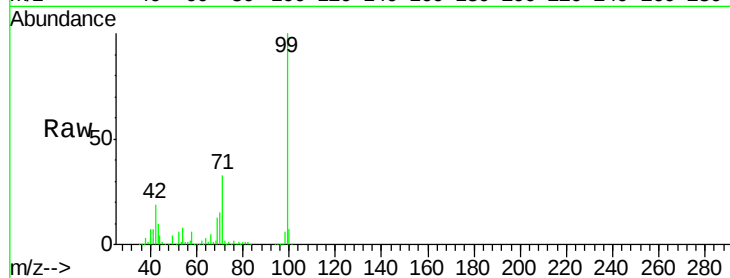
Tgt Ion: 99 Resp: 555078

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

71 33.0 28.0 42.0



#10

Phenol

Concen: 2.894 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110006.D

Acq: 19 Oct 2018 16:54

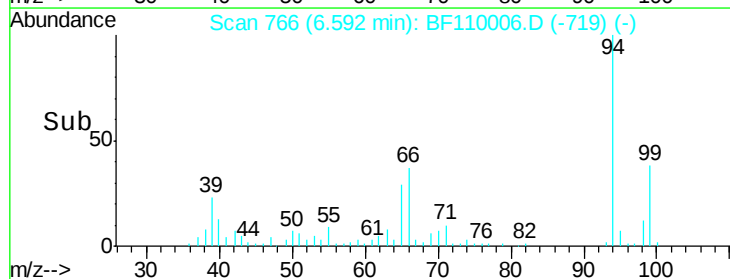
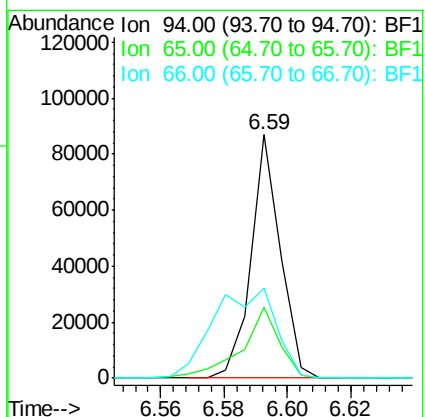
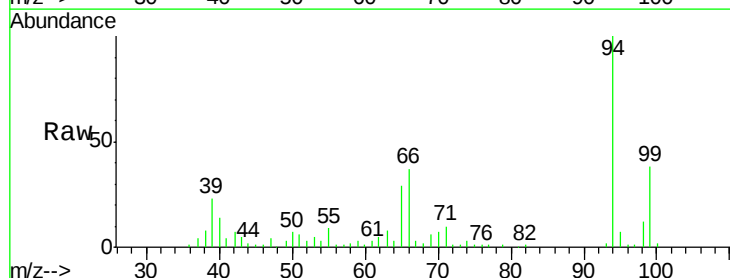
Tgt Ion: 94 Resp: 55328

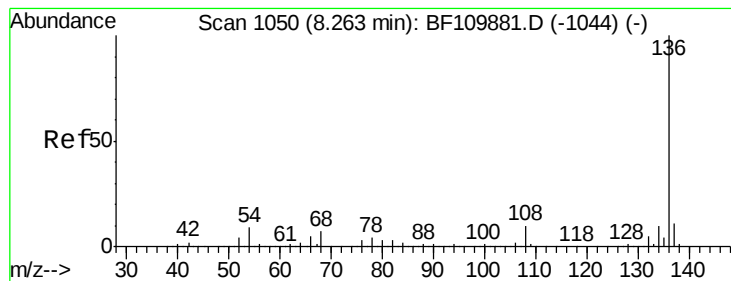
Ion Ratio Lower Upper

94 100

65 29.2 25.3 65.3

66 37.1 54.5 94.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110006.D

Acq: 19 Oct 2018 16:54

Instrument :

BNA_F

ClientSampleId :

TKDSLUDGE

Tgt Ion:136 Resp: 891895

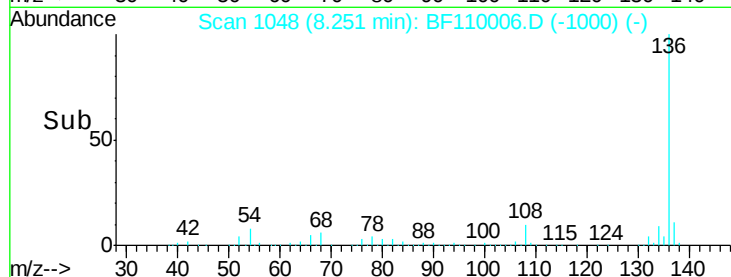
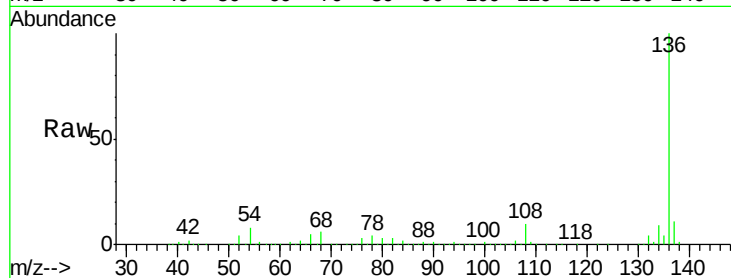
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 8.4 5.4 8.2#

68 5.9 4.2 6.2

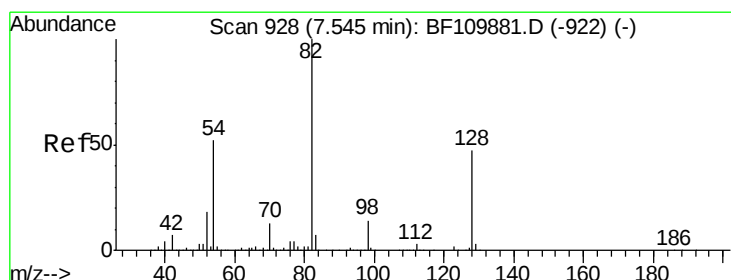
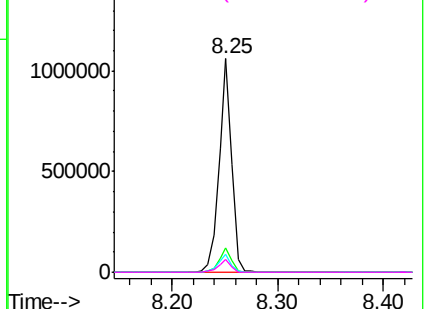


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.331 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF110006.D

Acq: 19 Oct 2018 16:54

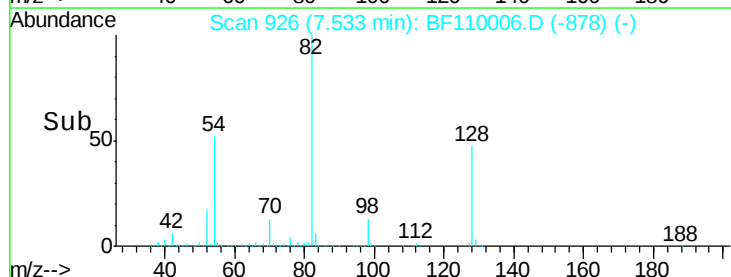
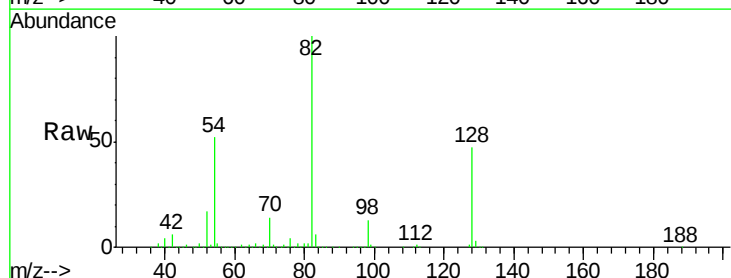
Tgt Ion: 82 Resp: 1076813

Ion Ratio Lower Upper

82 100

128 47.3 34.2 51.2

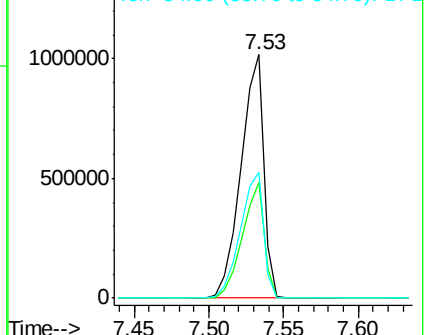
54 51.8 38.6 58.0

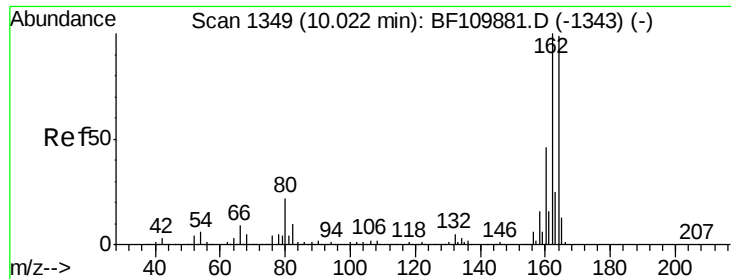


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

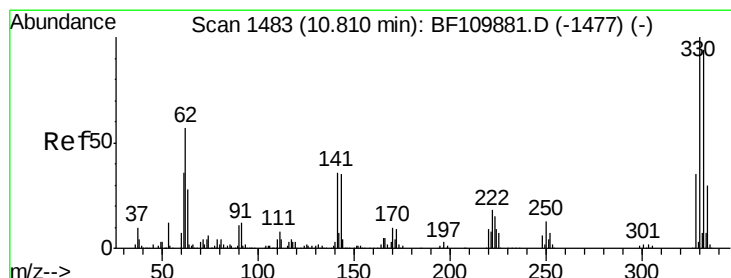
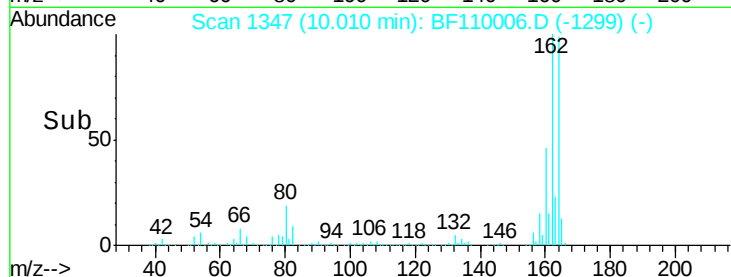
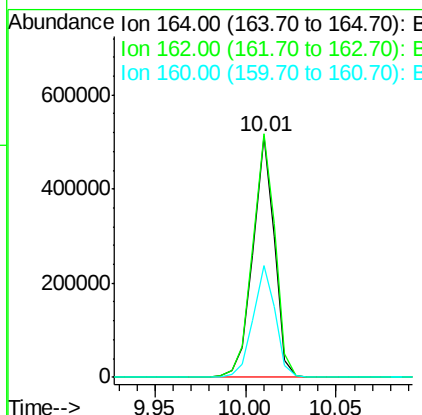
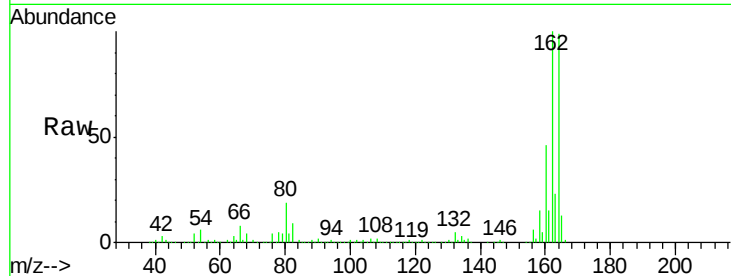




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110006.D
Acq: 19 Oct 2018 16:54

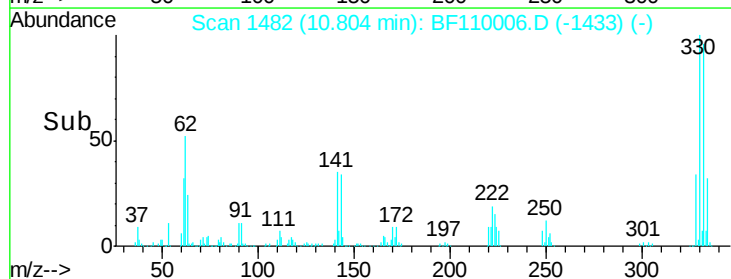
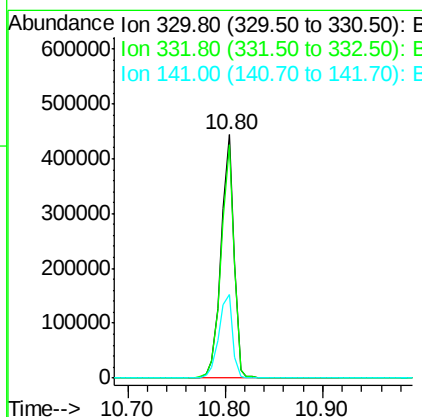
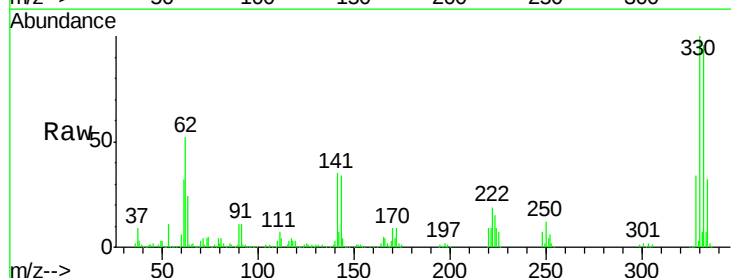
Instrument :
BNA_F
ClientSampleId :
TKDSLUDGE

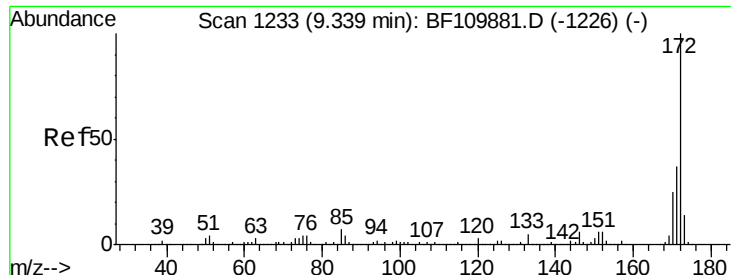
Tgt Ion:164 Resp: 421126
Ion Ratio Lower Upper
164 100
162 101.1 83.0 124.6
160 46.3 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 112.092 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110006.D
Acq: 19 Oct 2018 16:54

Tgt Ion:330 Resp: 408686
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 37.0 27.0 40.4

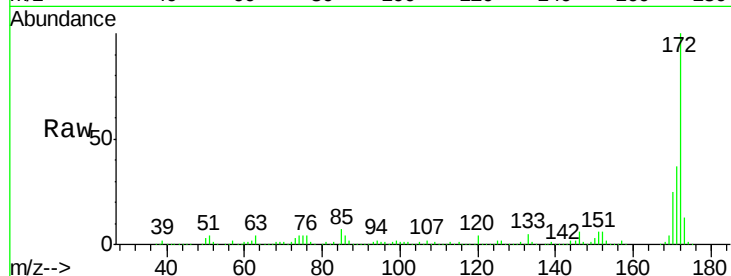




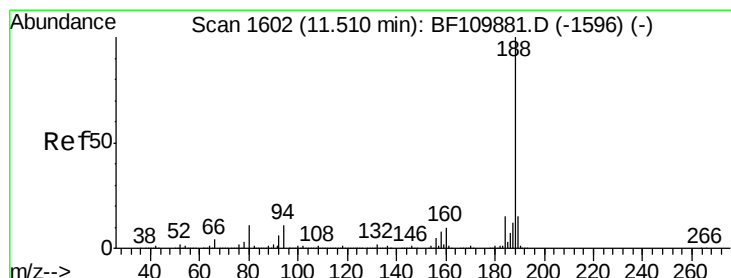
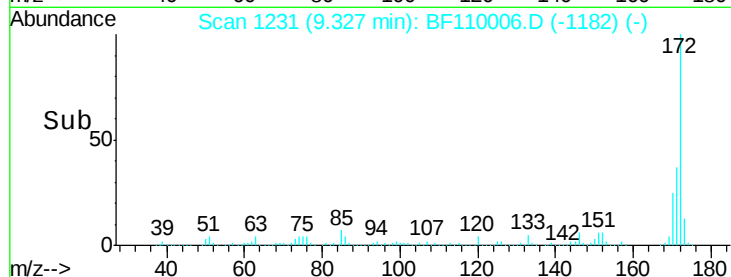
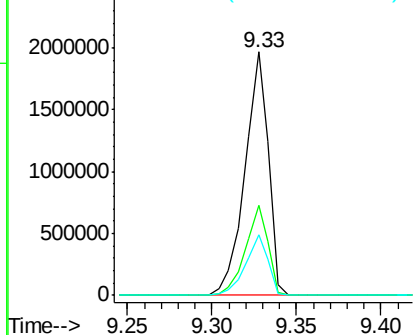
#45
 2-Fluorobiphenyl
 Concen: 72.208 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110006.D
 Acq: 19 Oct 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 TKDSLUDGE

Tgt Ion:172 Resp: 1905724
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.6 43.0
 170 24.8 19.7 29.5

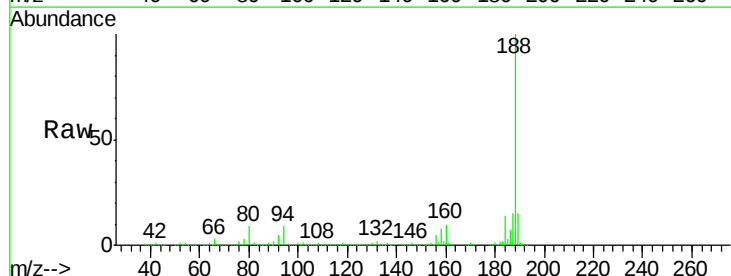


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

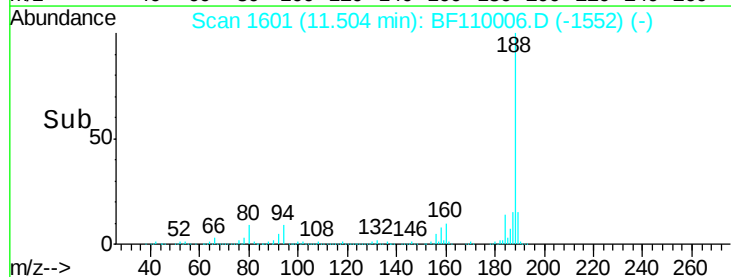
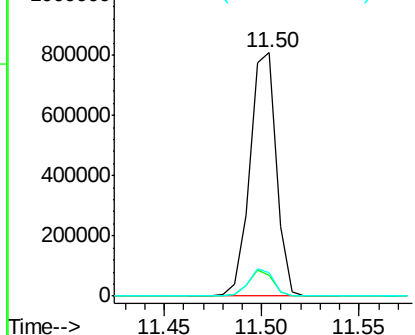


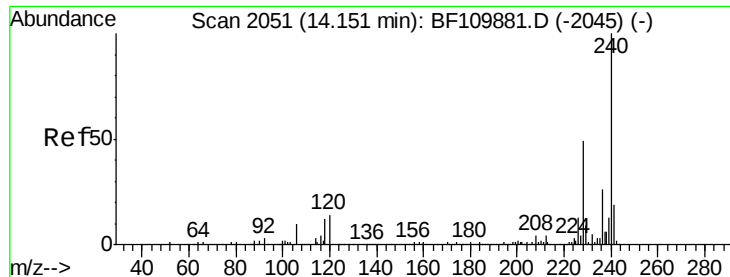
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110006.D
 Acq: 19 Oct 2018 16:54

Tgt Ion:188 Resp: 759689
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.2 10.8
 80 9.5 7.9 11.9



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: 14.14 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BF110006.D

Acq: 19 Oct 2018 16:54

Instrument :

BNA_F

ClientSampleId :

TKDSLUDGE

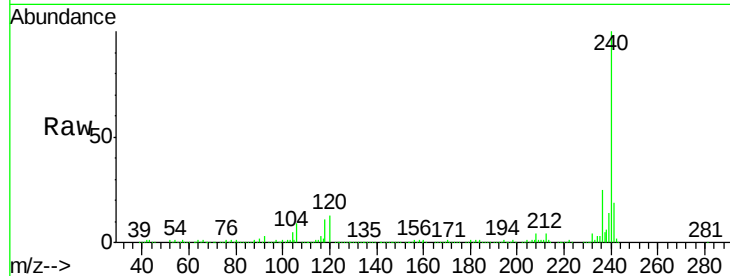
Tgt Ion:240 Resp: 541602

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

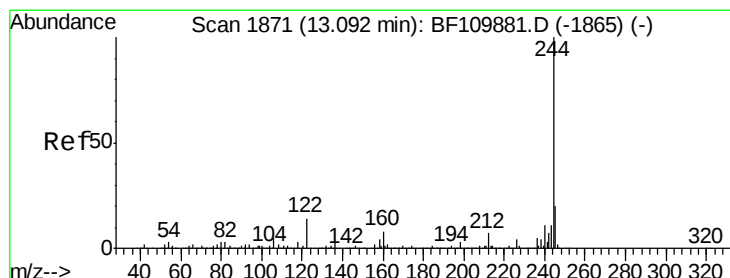
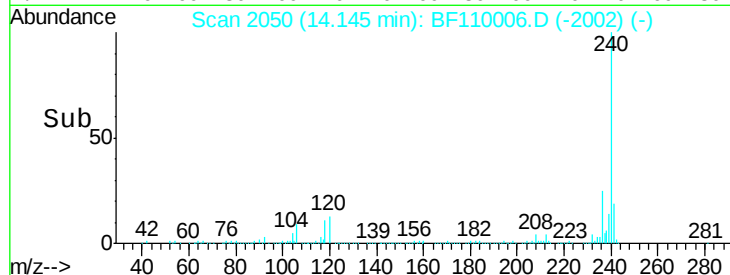
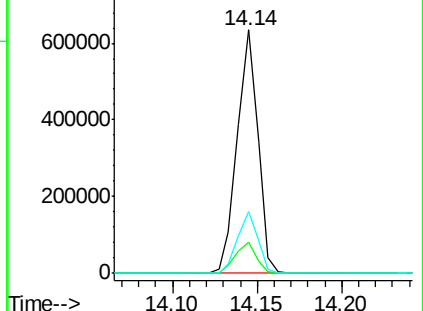
236 25.3 21.2 31.8



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: 68.515 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110006.D

Acq: 19 Oct 2018 16:54

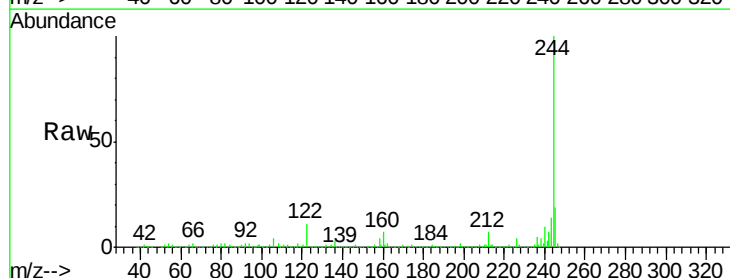
Tgt Ion:244 Resp: 1767091

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

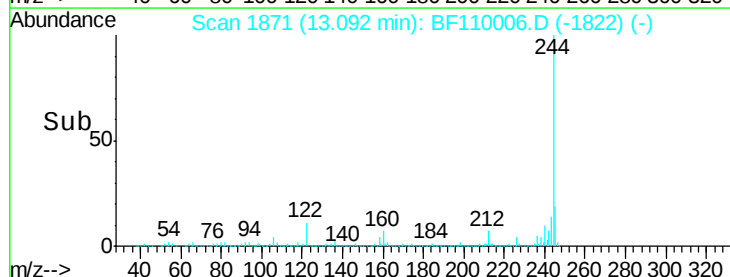
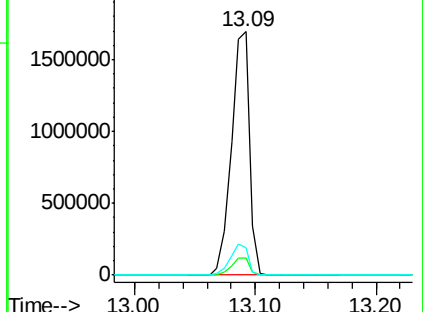
122 11.1 8.7 13.1

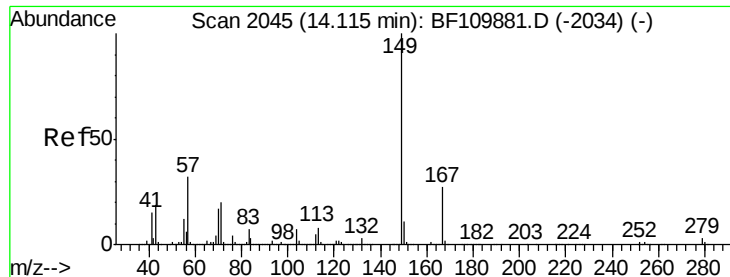


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.942 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110006.D

Acq: 19 Oct 2018 16:54

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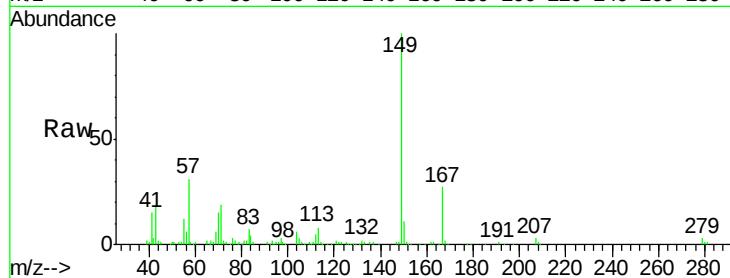
Tgt Ion:149 Resp: 83425

Ion Ratio Lower Upper

149 100

167 26.6 19.8 29.8

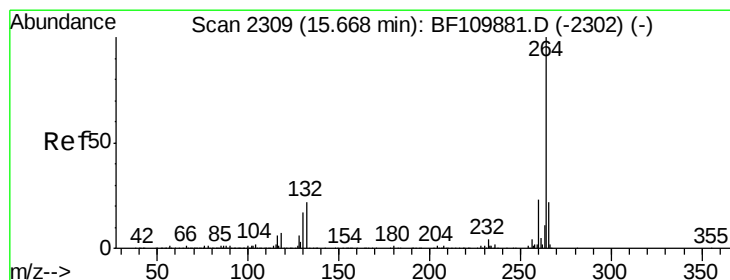
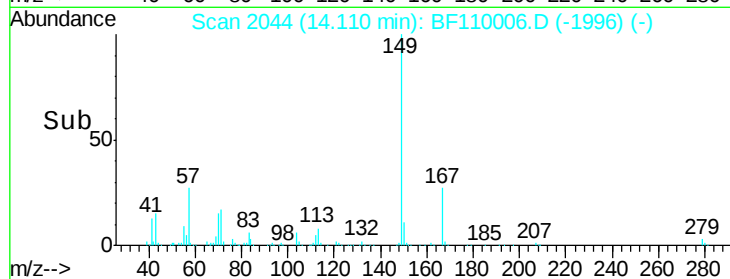
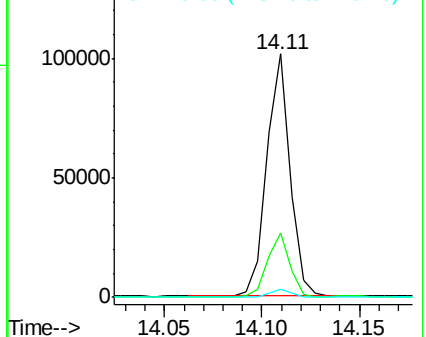
279 3.4 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF110006.D

Acq: 19 Oct 2018 16:54

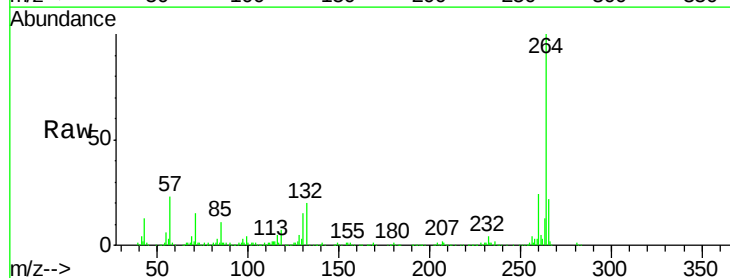
Tgt Ion:264 Resp: 374815

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.2 16.7 25.1



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

