

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110274.D
 Acq On : 29 Oct 2018 20:51
 Operator : JU/SJ
 Sample : J5665-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DL-06A

Quant Time: Oct 30 08:14:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

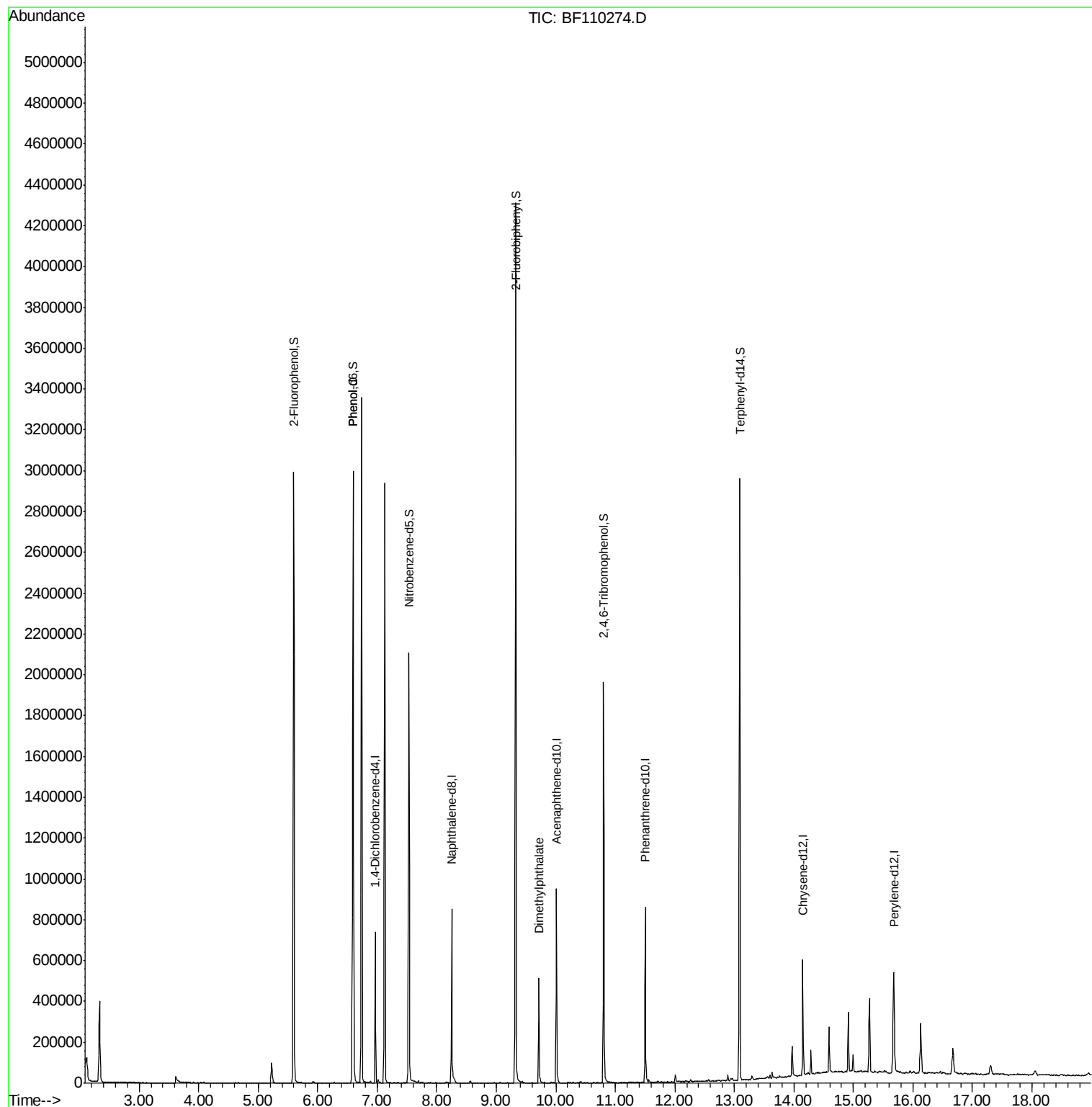
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	98426	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	403942	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	184320	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	308031	20.00	ng	0.00
76) Chrysene-d12	14.15	240	196029	20.00	ng	0.00
87) Perylene-d12	15.69	264	162601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	908935	150.38	ng	0.01
7) Phenol-d6	6.60	99	1147820	148.47	ng	0.00
23) Nitrobenzene-d5	7.53	82	721460	105.94	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	228664	125.24	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1325582	112.93	ng	0.00
79) Terphenyl-d14	13.09	244	964293	102.30	ng	0.00
Target Compounds						
10) Phenol	6.60	94	74137	8.971	ng	81
50) Dimethylphthalate	9.72	163	215250	15.820	ng	98

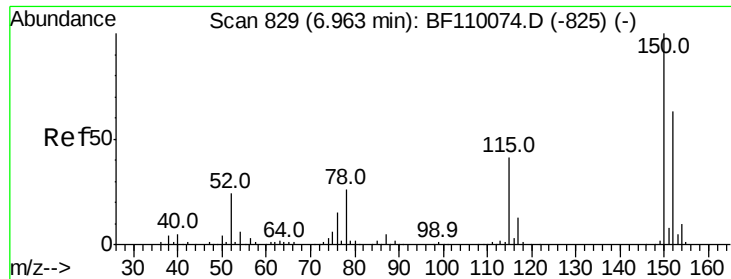
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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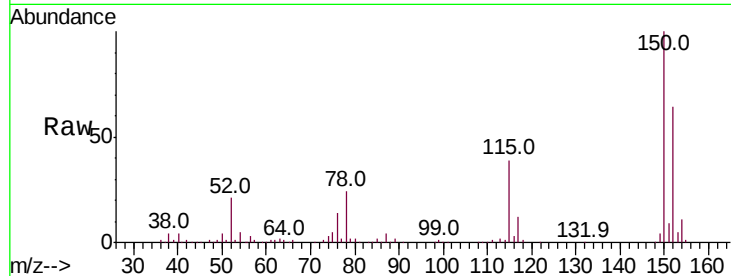


#1

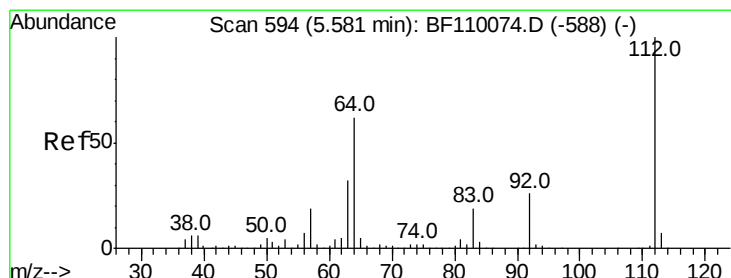
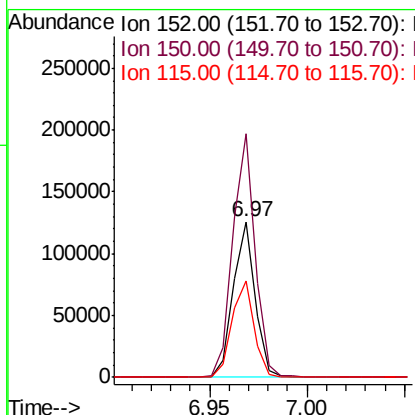
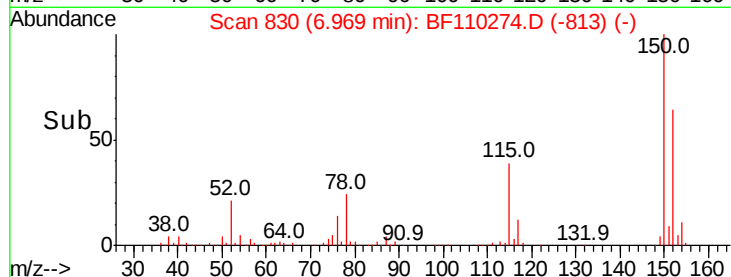
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110274.D
Acq: 29 Oct 2018 20:51

Instrument :
BNA_F
ClientSampleId :
DL-06A

Tot Ion:152 Resp: 98426
Ion Ratio Lower Upper
152 100
150 156.3 122.7 184.1
115 61.7 49.1 73.7



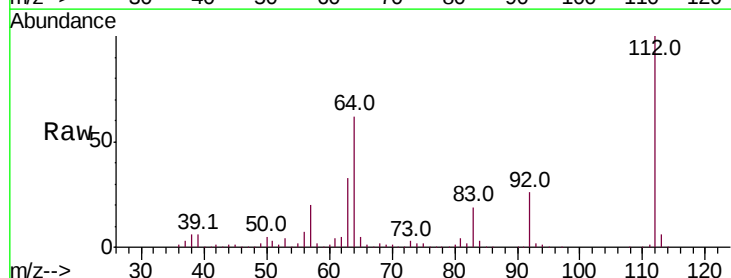
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



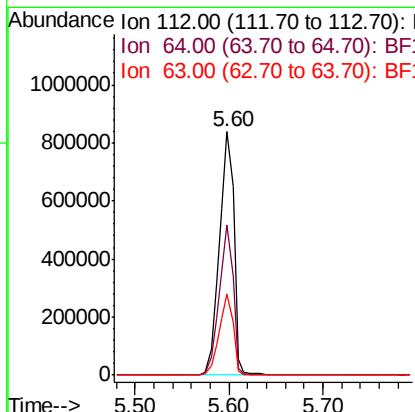
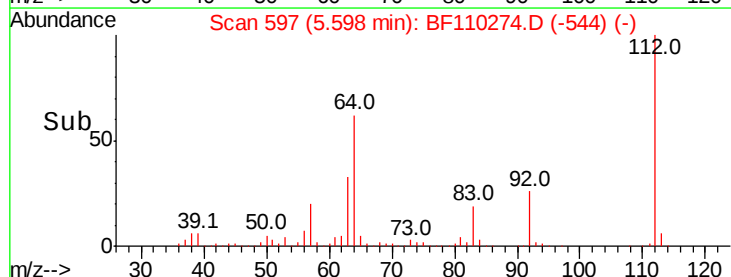
#5

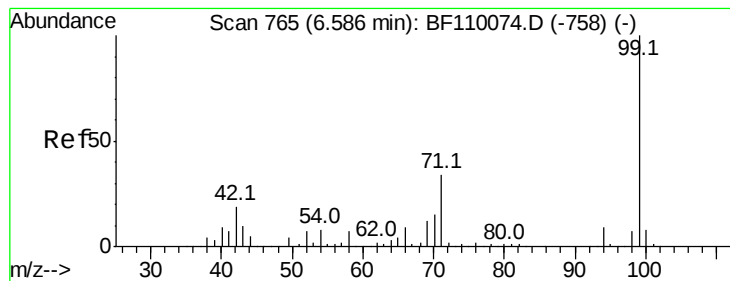
2-Fluorophenol
Concen: 150.383 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF110274.D
Acq: 29 Oct 2018 20:51

Tgt Ion:112 Resp: 908935
Ion Ratio Lower Upper
112 100
64 61.6 44.1 66.1
63 33.0 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: 148.471 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF110274.D

Acq: 29 Oct 2018 20:51

Instrument :

BNA_F

ClientSampleId :

DL-06A

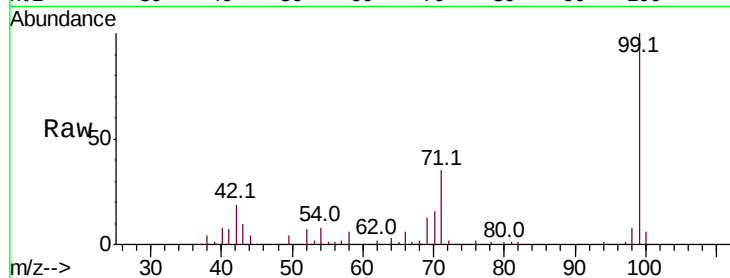
Tot Ion: 99 Resp: 1147820

Ion Ratio Lower Upper

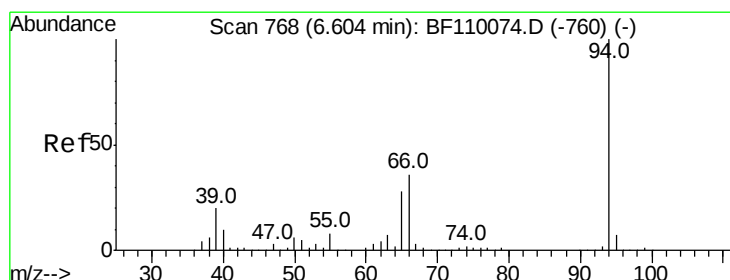
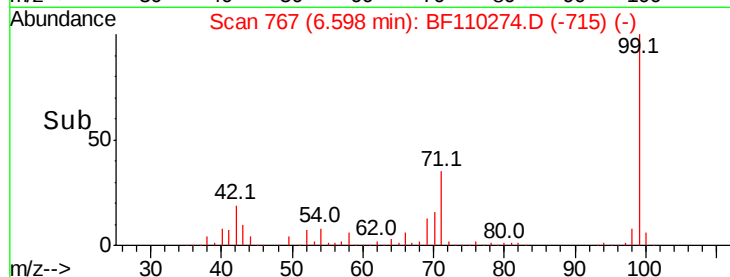
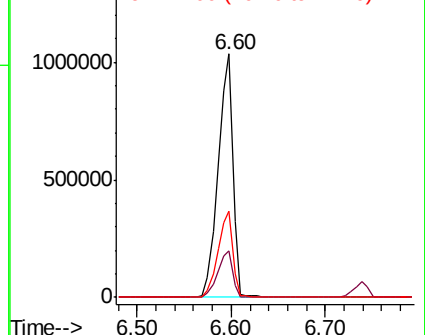
99 100

42 19.3 15.8 23.6

71 35.4 28.0 42.0



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: 8.971 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110274.D

Acq: 29 Oct 2018 20:51

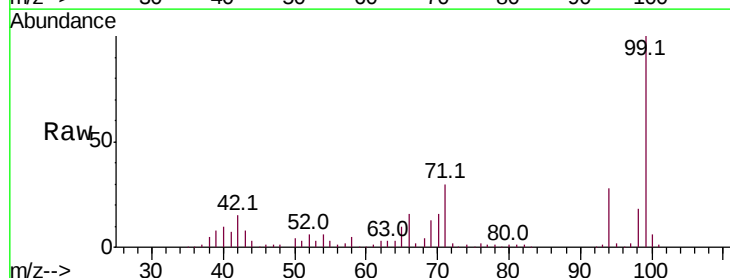
Tgt Ion: 94 Resp: 74137

Ion Ratio Lower Upper

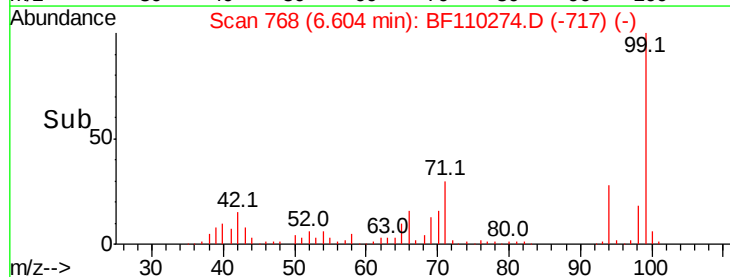
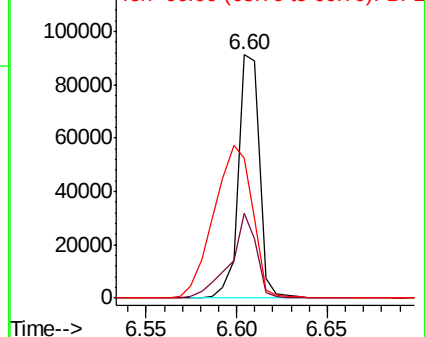
94 100

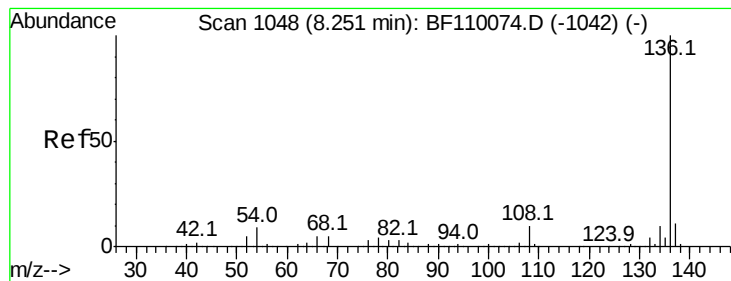
65 34.7 25.3 65.3

66 57.4 54.5 94.5



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: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF110274.D

Acq: 29 Oct 2018 20:51

Instrument :

BNA_F

ClientSampleId :

DL-06A

Tot Ion:136 Resp: 403942

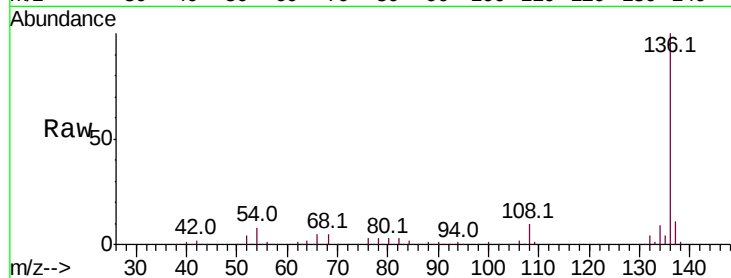
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.7 5.4 8.2

68 5.0 4.2 6.2

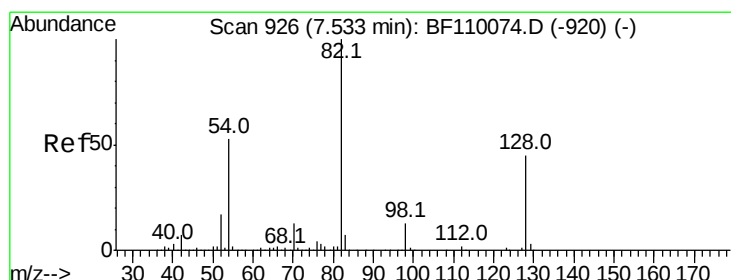
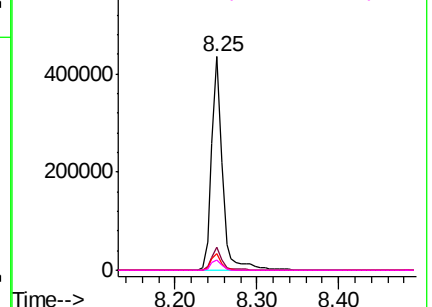
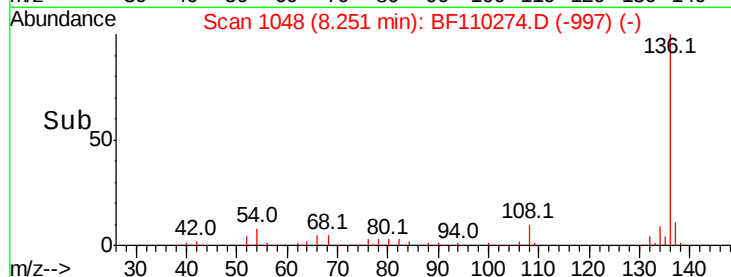


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.936 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF110274.D

Acq: 29 Oct 2018 20:51

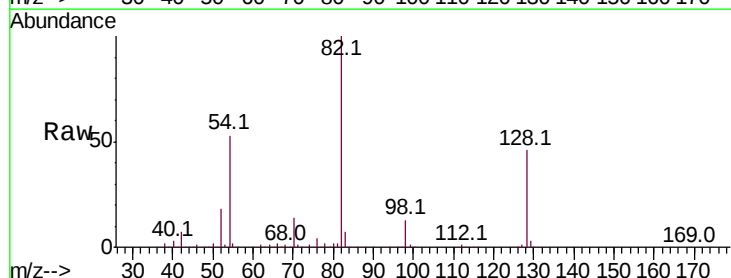
Tgt Ion: 82 Resp: 721460

Ion Ratio Lower Upper

82 100

128 45.7 34.2 51.2

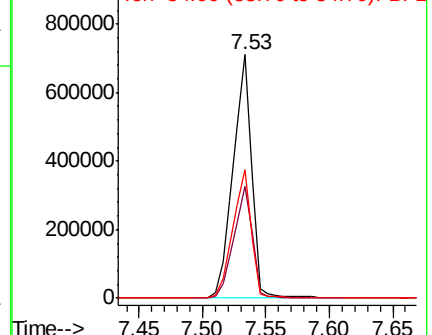
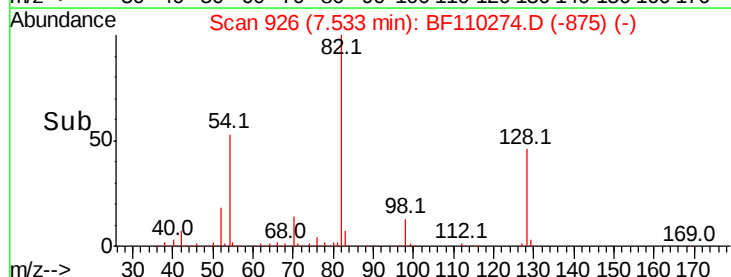
54 52.9 38.6 58.0

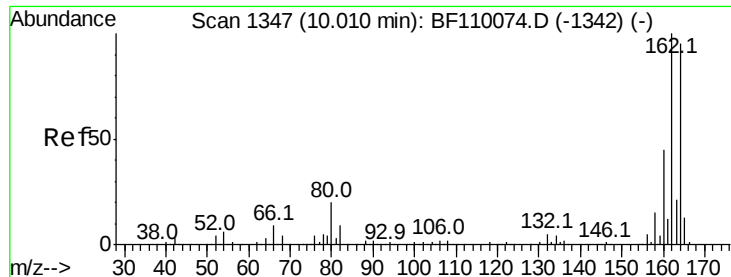


Abundance Ion 82.00 (81.70 to 82.70): BF1

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. -0.01 min

Lab File: BF110274.D

Acq: 29 Oct 2018 20:51

Instrument :

BNA_F

ClientSampleId :

DL-06A

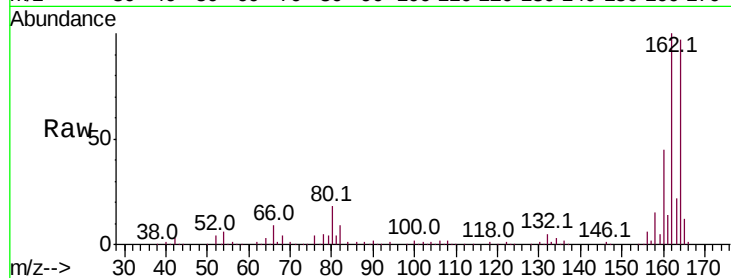
Tot Ion:164 Resp: 184320

Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.6

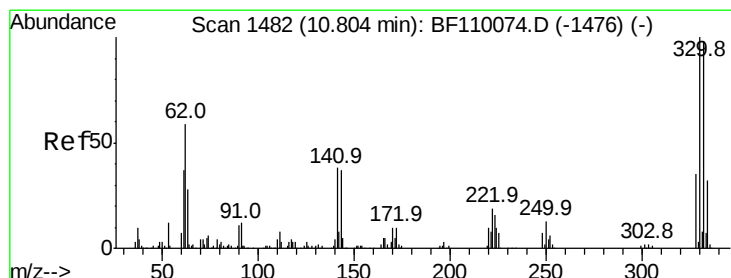
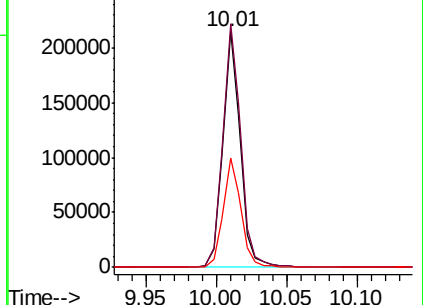
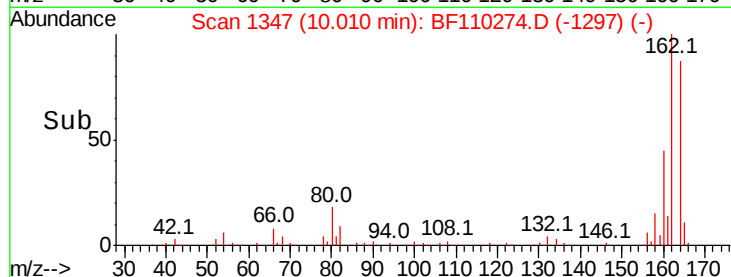
160 46.3 37.0 55.6



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: 125.240 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110274.D

Acq: 29 Oct 2018 20:51

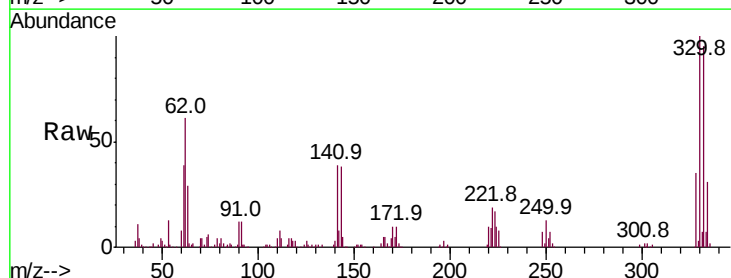
Tgt Ion:330 Resp: 228664

Ion Ratio Lower Upper

330 100

332 95.0 77.1 115.7

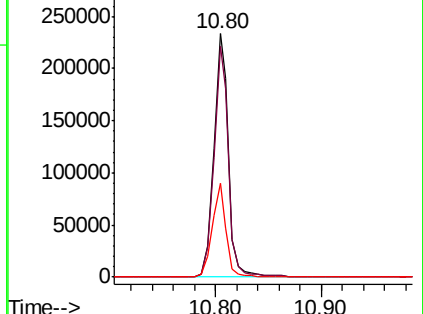
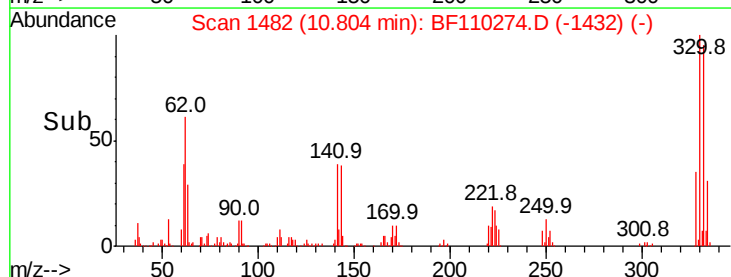
141 36.5 27.0 40.4

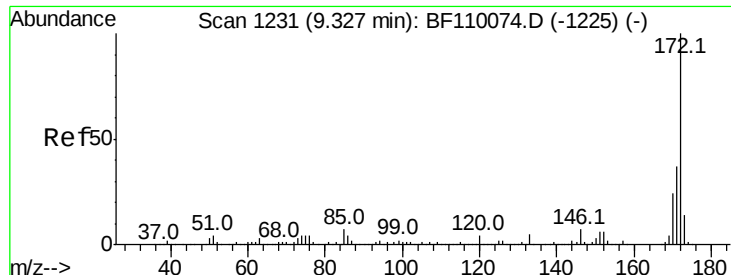


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 112.929 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BF110274.D

Acq: 29 Oct 2018 20:51

Instrument :

BNA_F

ClientSampleId :

DL-06A

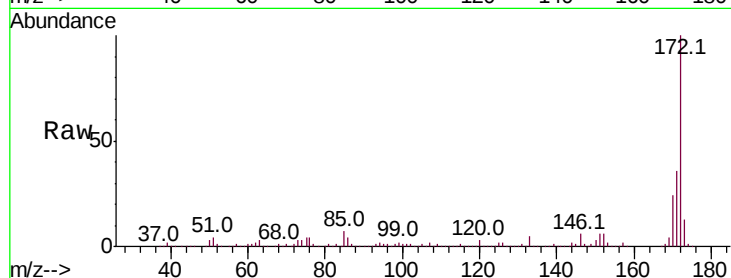
Tot Ion:172 Resp: 1325582

Ion Ratio Lower Upper

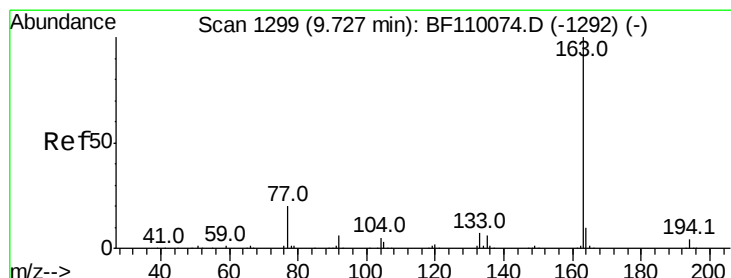
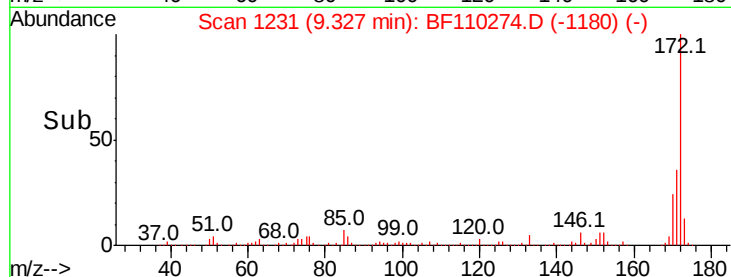
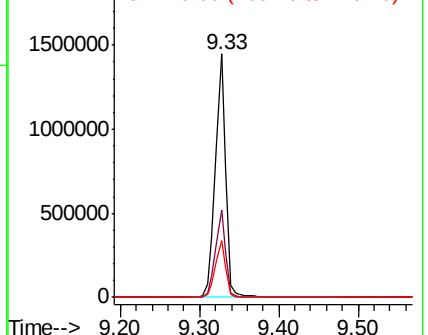
172 100

171 36.0 28.6 43.0

170 23.5 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 15.820 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF110274.D

Acq: 29 Oct 2018 20:51

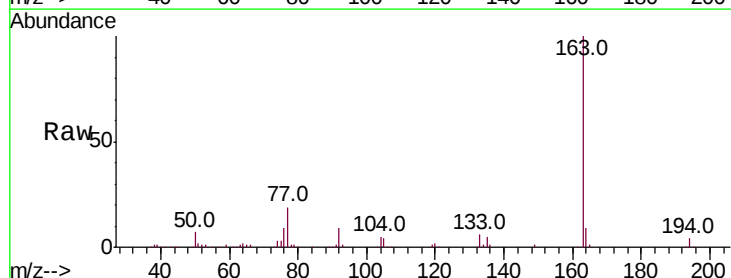
Tgt Ion:163 Resp: 215250

Ion Ratio Lower Upper

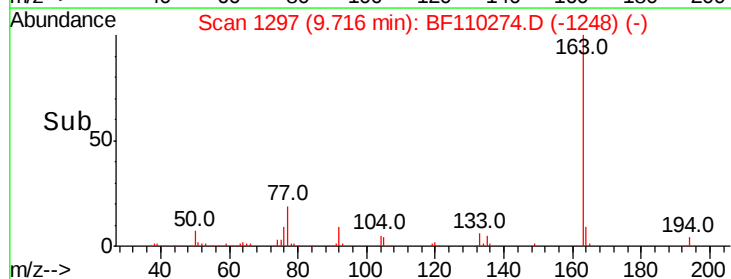
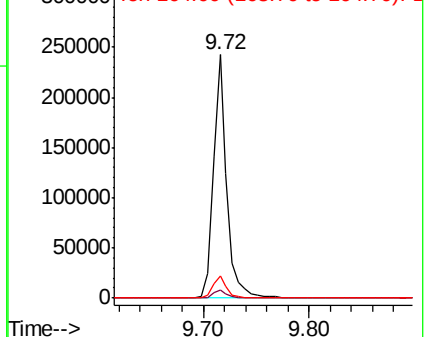
163 100

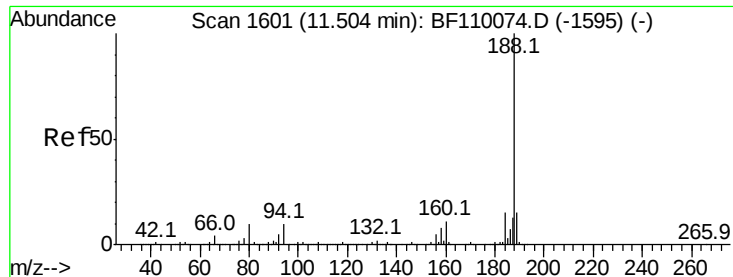
194 3.6 3.2 4.8

164 9.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
300000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

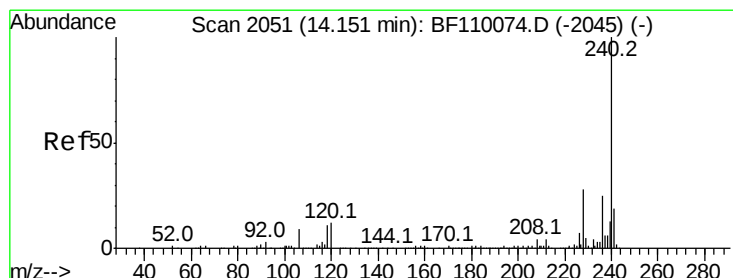
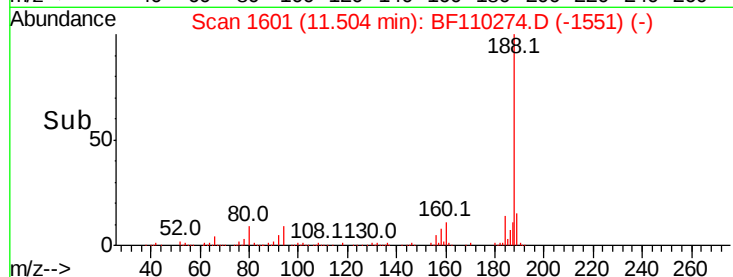
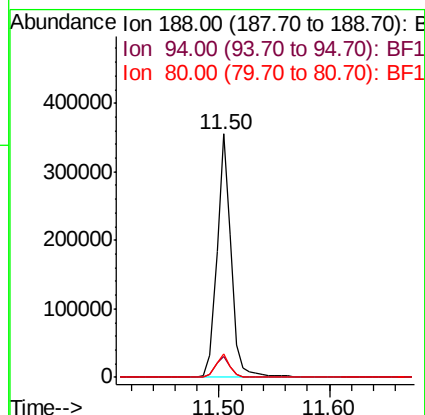
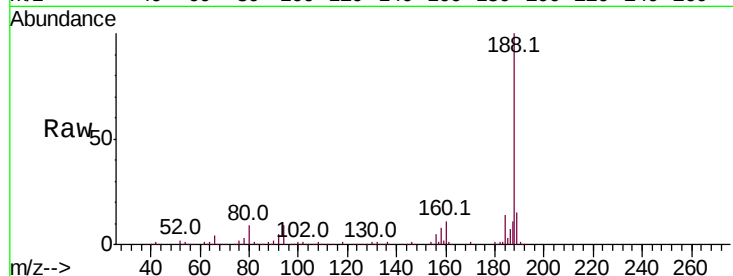




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110274.D
Acq: 29 Oct 2018 20:51

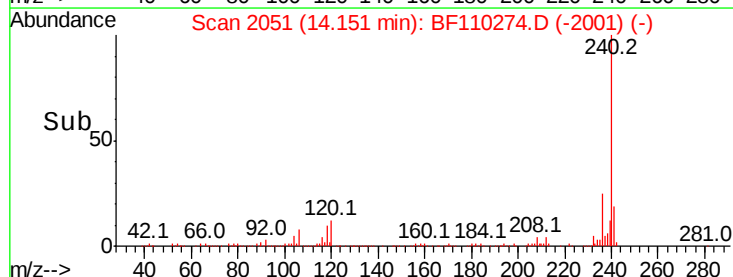
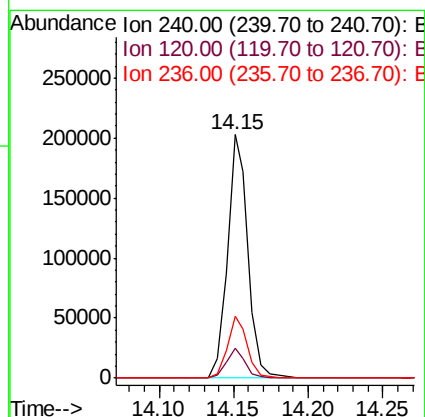
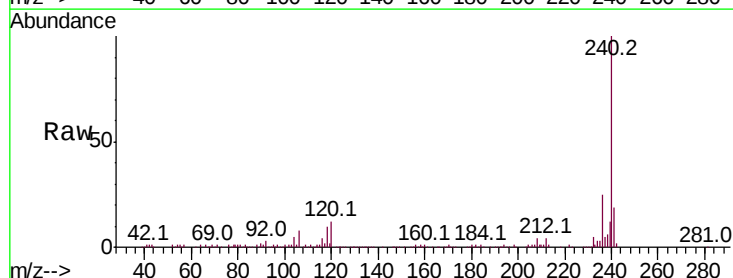
Instrument :
BNA_F
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DL-06A

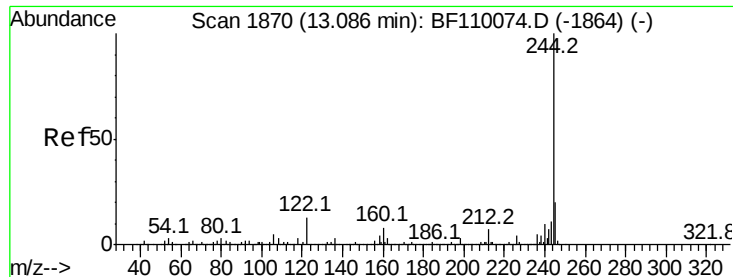
Tot Ion:188 Resp: 308031
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110274.D
Acq: 29 Oct 2018 20:51

Tgt Ion:240 Resp: 196029
Ion Ratio Lower Upper
240 100
120 12.1 8.3 12.5
236 25.3 21.2 31.8





#79

Terphenyl-d14

Concen: 102.304 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BF110274.D

Acq: 29 Oct 2018 20:51

Instrument :

BNA_F

ClientSampleId :

DL-06A

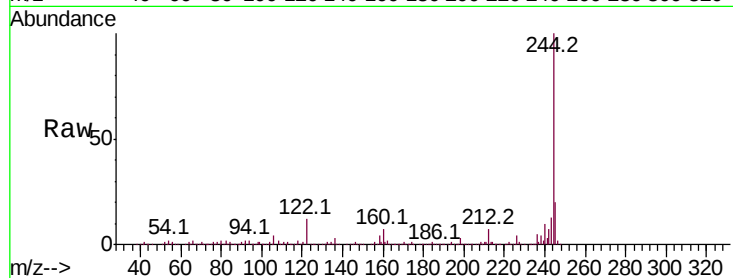
Tot Ion:244 Resp: 964293

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

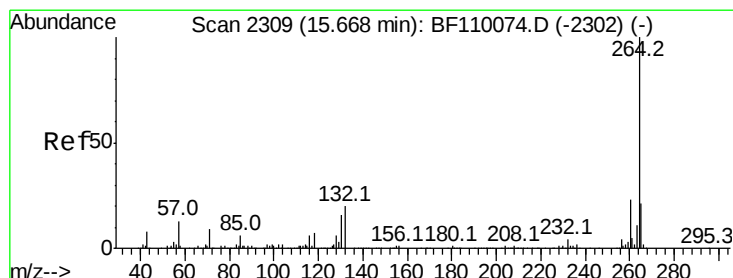
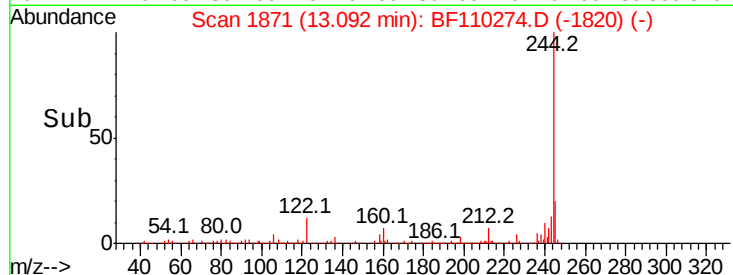
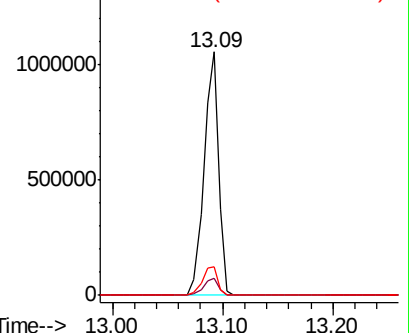
122 11.7 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BF110274.D

Acq: 29 Oct 2018 20:51

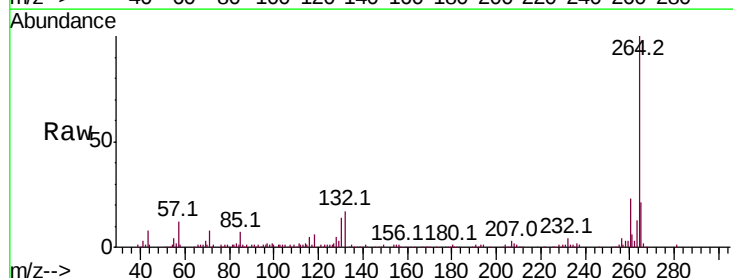
Tgt Ion:264 Resp: 162601

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 20.7 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

