

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110139.D
 Acq On : 25 Oct 2018 3:15
 Operator : JU/SJ
 Sample : J5640-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102218-TIPC-E-D-B

Quant Time: Oct 25 09:18:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 25 02:28:50 2018
 Response via : Initial Calibration

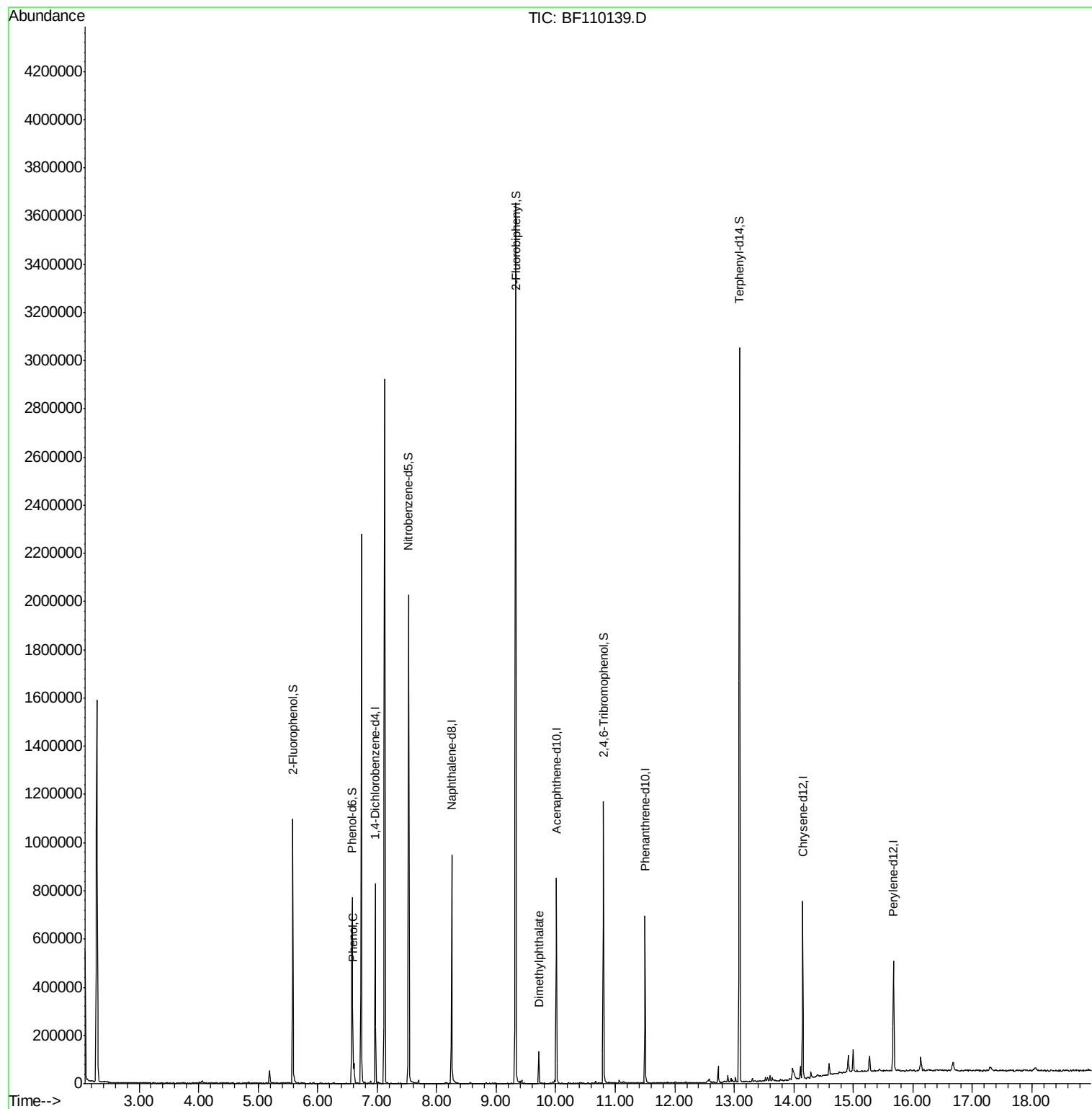
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118276	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	422390	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	158113	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	262292	20.00	ng	0.00
76) Chrysene-d12	14.15	240	254311	20.00	ng	0.00
87) Perylene-d12	15.67	264	181566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	305658	42.08	ng	0.00
7) Phenol-d6	6.58	99	230065	24.76	ng	0.00
23) Nitrobenzene-d5	7.53	82	684222	96.08	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	127580	81.46	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1137871	113.00	ng	0.00
79) Terphenyl-d14	13.09	244	973431	79.61	ng	0.00
Target Compounds						
10) Phenol	6.59	94	36098	3.635	ng	Qvalue # 64
50) Dimethylphthalate	9.72	163	57256	4.906	ng	99

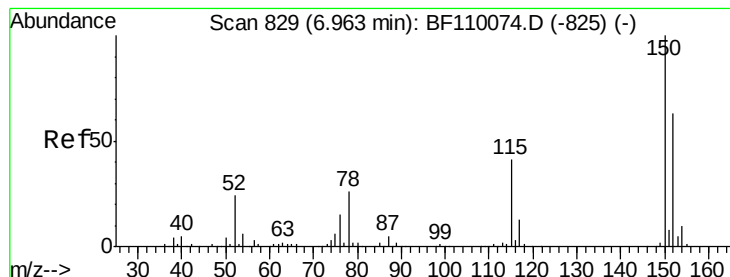
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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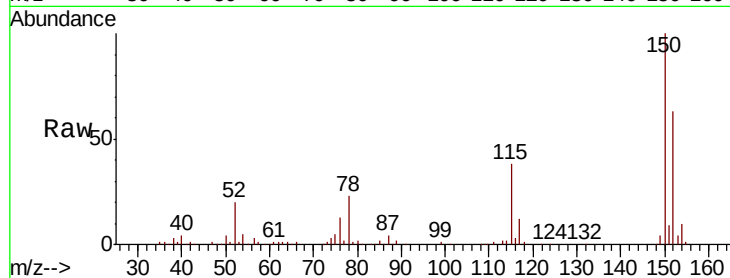


#1

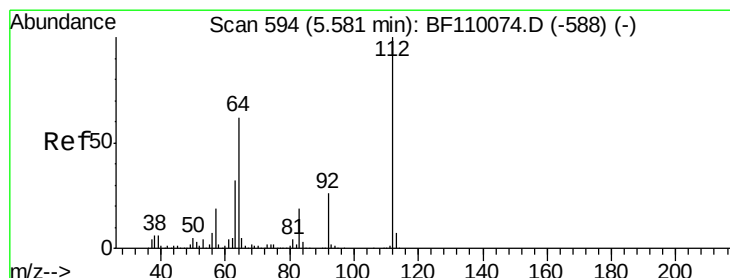
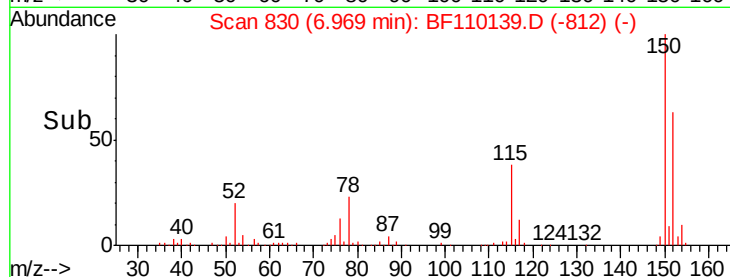
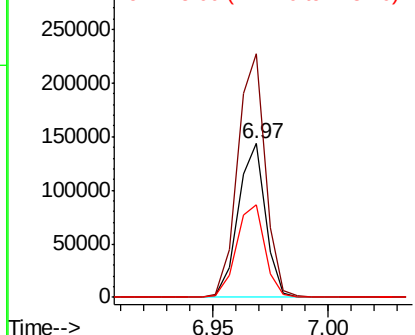
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

Instrument :
BNA_F
ClientSampleId :
102218-TIPC-E-D-B

Tot Ion:152 Resp: 118276
Ion Ratio Lower Upper
152 100
150 158.5 122.7 184.1
115 60.4 49.1 73.7



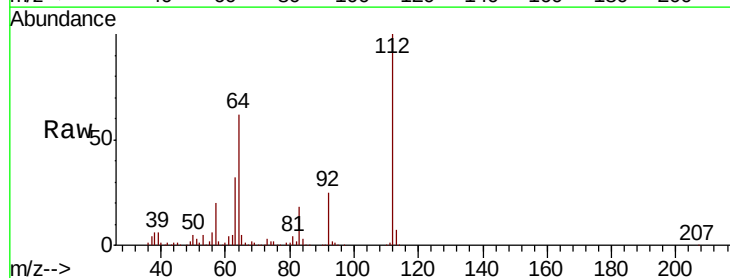
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



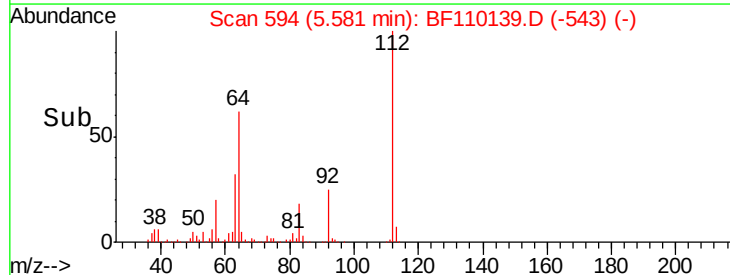
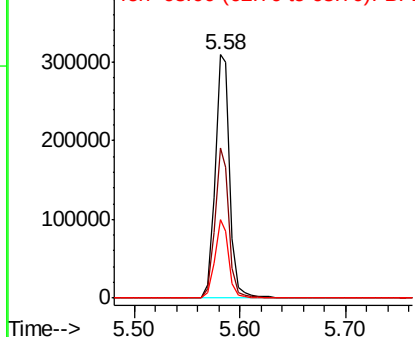
#5

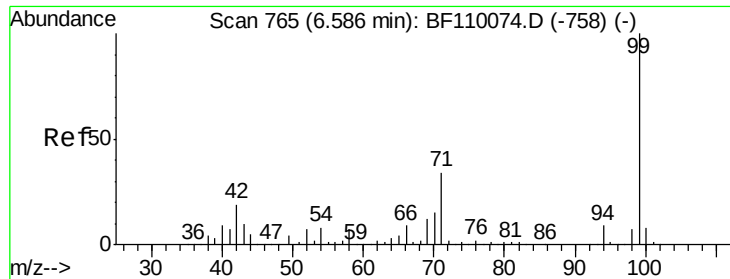
2-Fluorophenol
Concen: 42.084 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

Tgt Ion:112 Resp: 305658
Ion Ratio Lower Upper
112 100
64 61.7 44.1 66.1
63 32.2 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: 24.765 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110139.D

Acq: 25 Oct 2018 3:15

Instrument :

BNA_F

ClientSampleId :

102218-TIPC-E-D-B

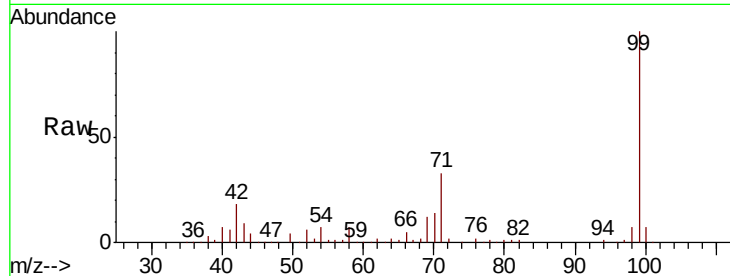
Tot Ion: 99 Resp: 230065

Ion Ratio Lower Upper

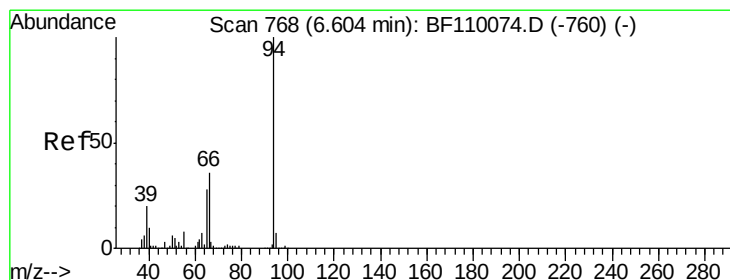
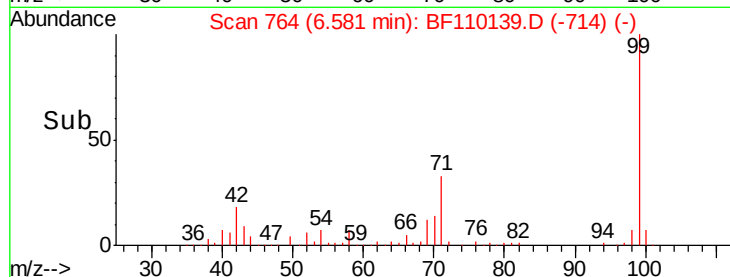
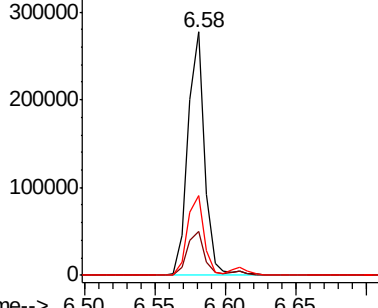
99 100

42 18.3 15.8 23.6

71 32.9 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: 3.635 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110139.D

Acq: 25 Oct 2018 3:15

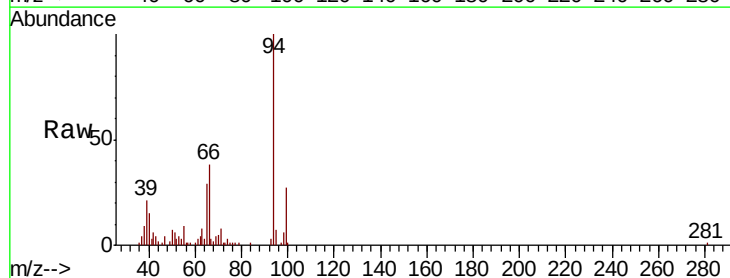
Tgt Ion: 94 Resp: 36098

Ion Ratio Lower Upper

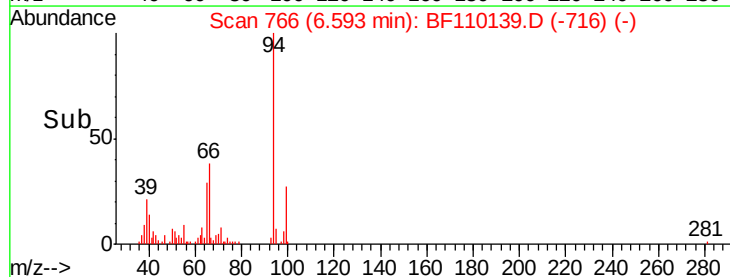
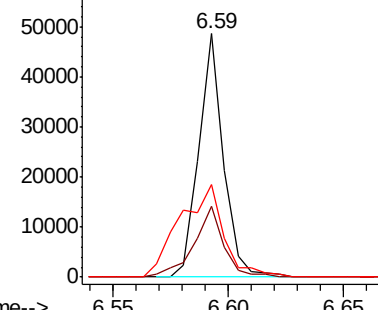
94 100

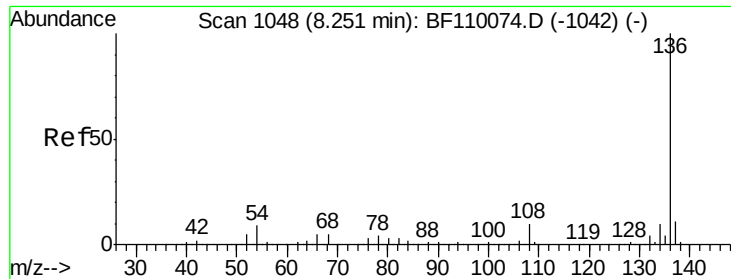
65 29.3 25.3 65.3

66 37.9 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

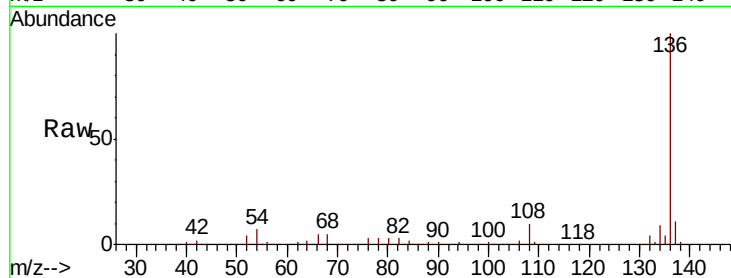




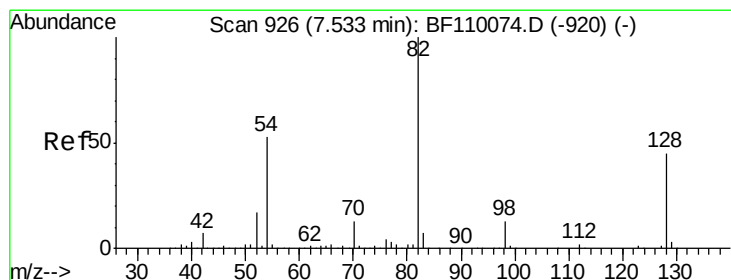
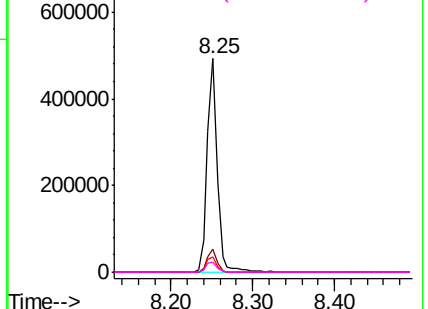
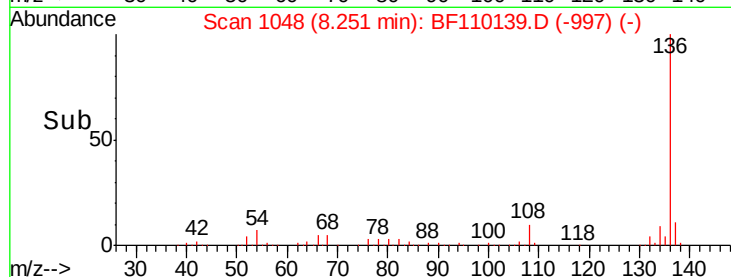
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

Instrument :
BNA_F
ClientSampleId :
102218-TIPC-E-D-B

Tot Ion:136 Resp: 422390
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.2 5.4 8.2
68 5.0 4.2 6.2

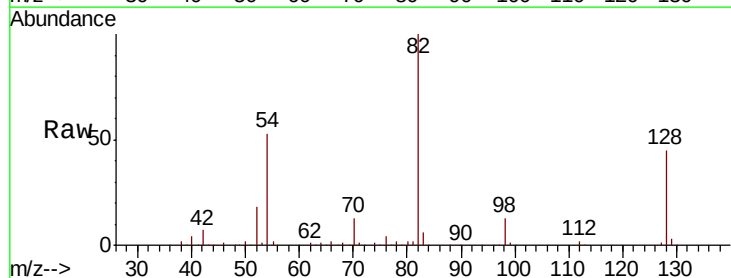


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

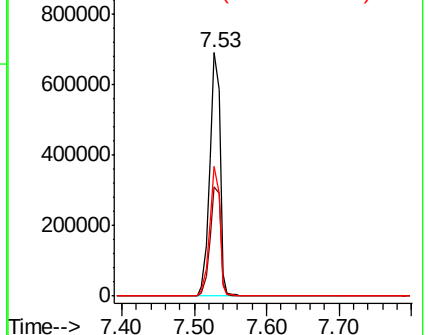
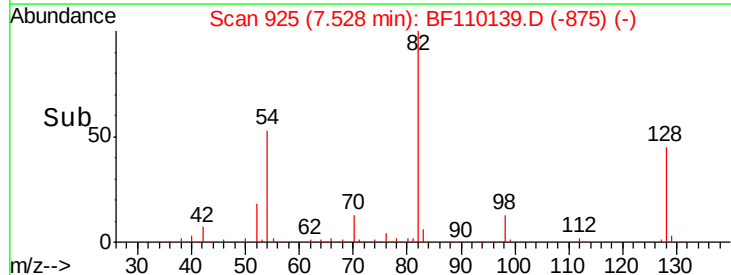


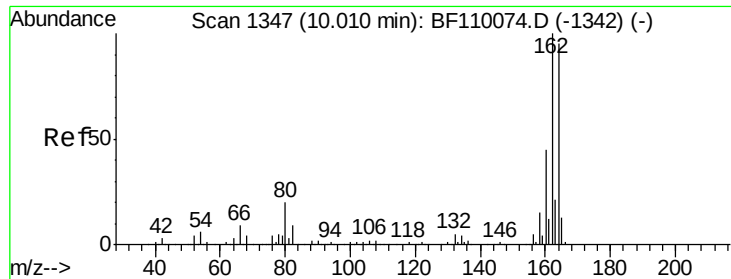
#23
Nitrobenzene-d5
Concen: 96.080 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

Tgt Ion: 82 Resp: 684222
Ion Ratio Lower Upper
82 100
128 44.7 34.2 51.2
54 53.1 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. 0.00 min

Lab File: BF110139.D

Acq: 25 Oct 2018 3:15

Instrument :

BNA_F

ClientSampleId :

102218-TIPC-E-D-B

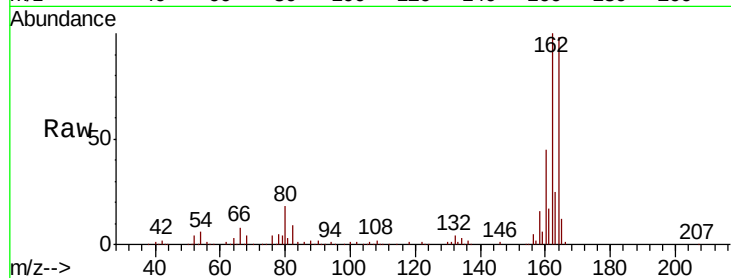
Tot Ion:164 Resp: 158113

Ion Ratio Lower Upper

164 100

162 102.4 83.0 124.6

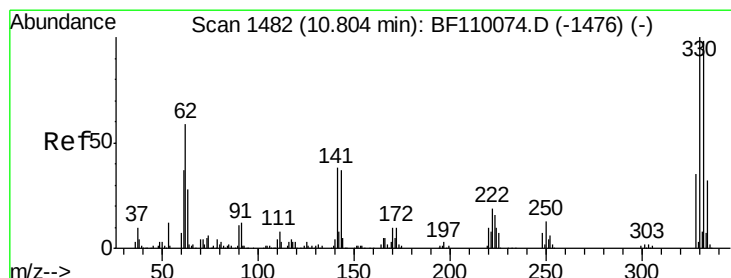
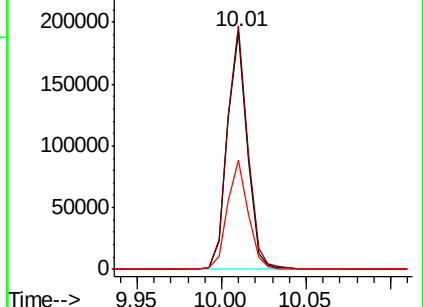
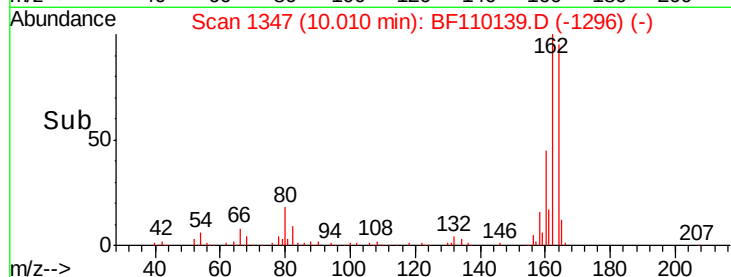
160 45.9 37.0 55.6



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: 81.458 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF110139.D

Acq: 25 Oct 2018 3:15

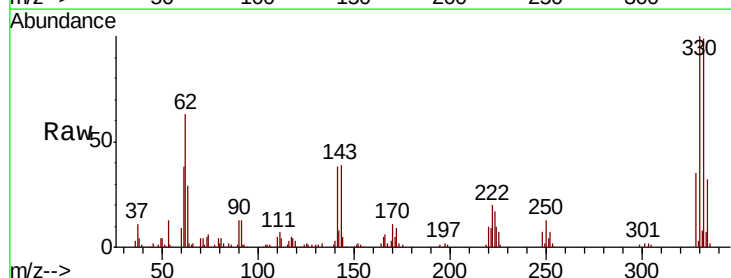
Tgt Ion:330 Resp: 127580

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

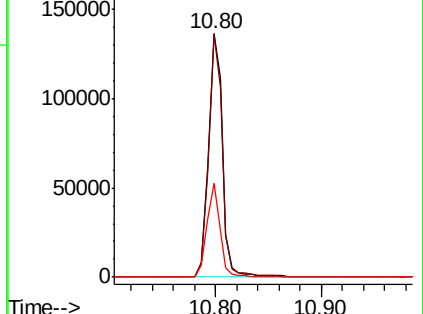
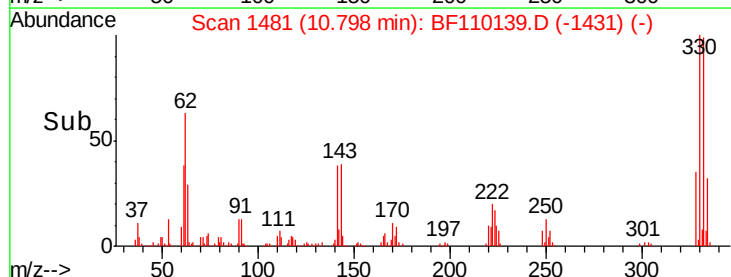
141 35.6 27.0 40.4

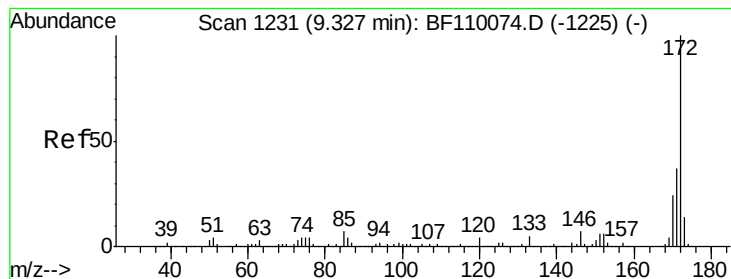


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 113.005 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF110139.D

Acq: 25 Oct 2018 3:15

Instrument :

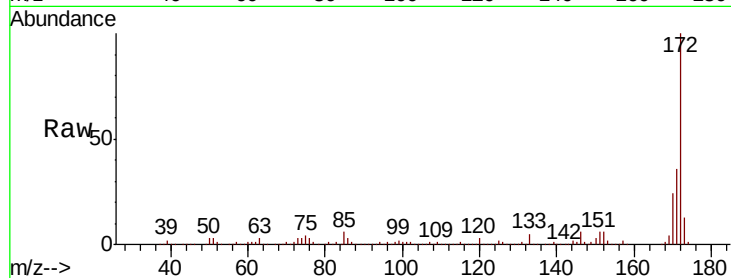
BNA_F

ClientSampleId :

102218-TIPC-E-D-B

Tot Ion:172 Resp: 1137871

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.6	19.7	29.5

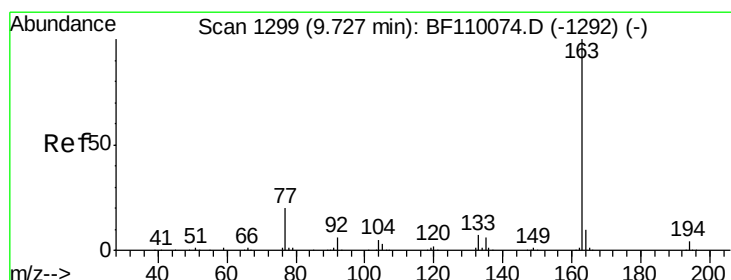
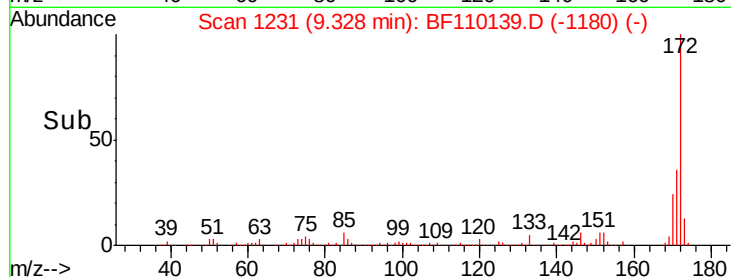
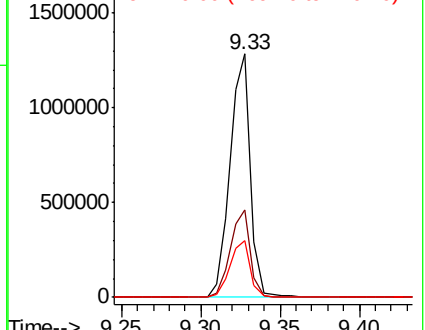


Abundance

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



#50

Dimethylphthalate

Concen: 4.906 ng

RT: 9.72 min Scan# 1297

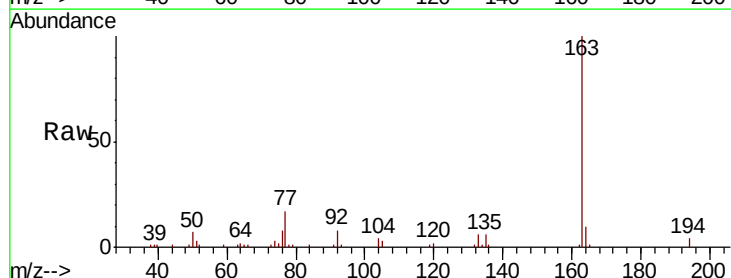
Delta R.T. -0.01 min

Lab File: BF110139.D

Acq: 25 Oct 2018 3:15

Tgt Ion:163 Resp: 57256

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.4	8.1	12.1

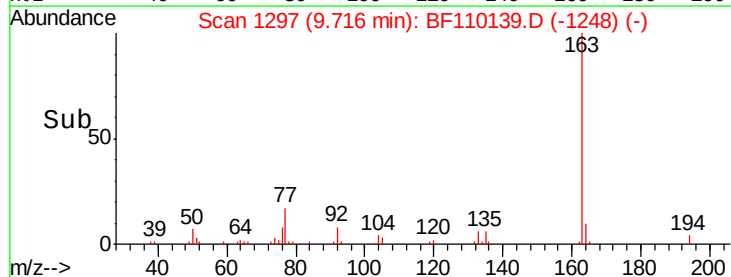
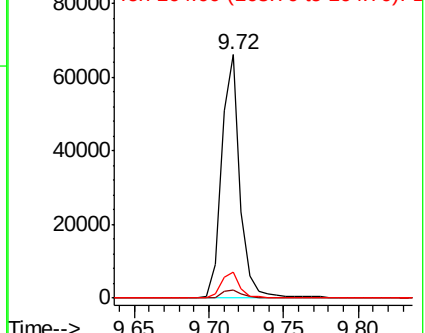


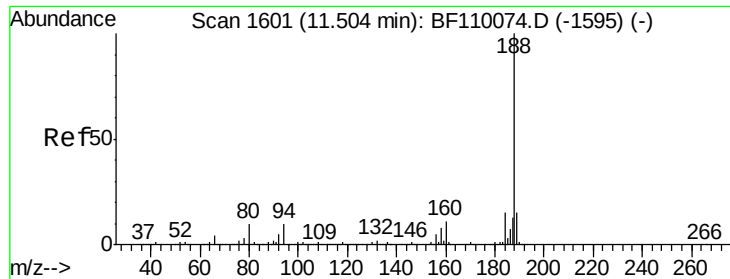
Abundance

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: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF110139.D

Acq: 25 Oct 2018 3:15

Instrument :

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ClientSampleId :

102218-TIPC-E-D-B

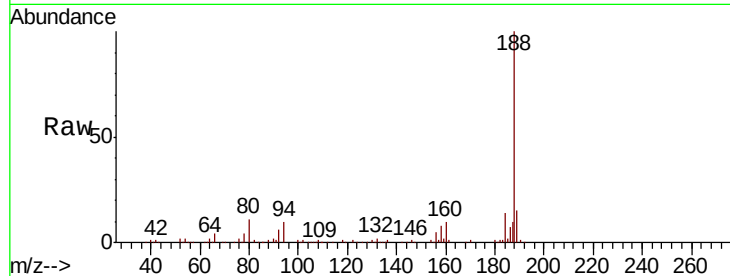
Tot Ion:188 Resp: 262292

Ion Ratio Lower Upper

188 100

94 10.1 7.2 10.8

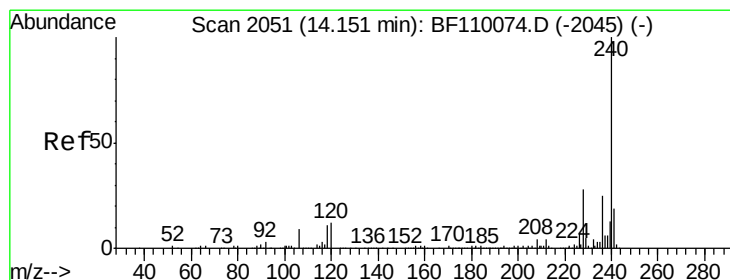
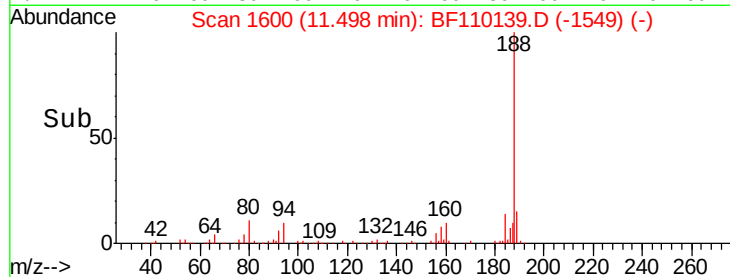
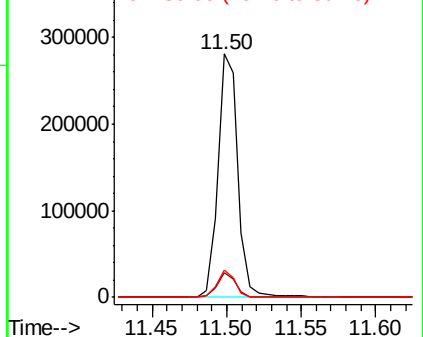
80 11.3 7.9 11.9



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: 14.15 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BF110139.D

Acq: 25 Oct 2018 3:15

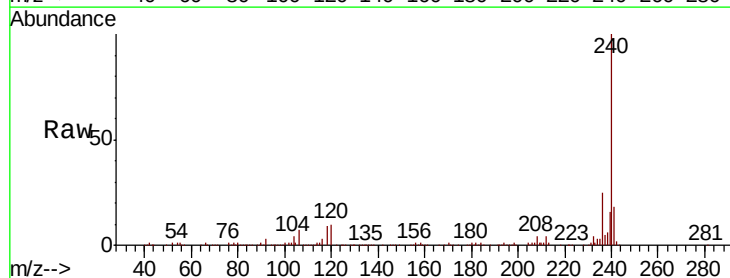
Tgt Ion:240 Resp: 254311

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

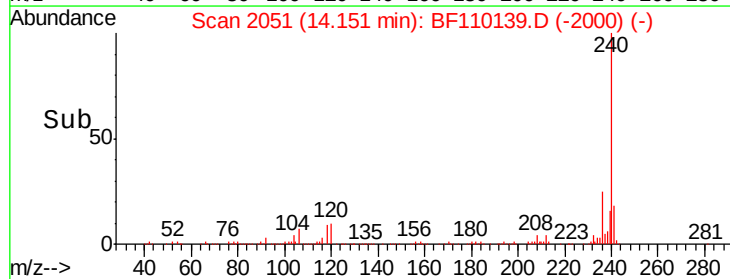
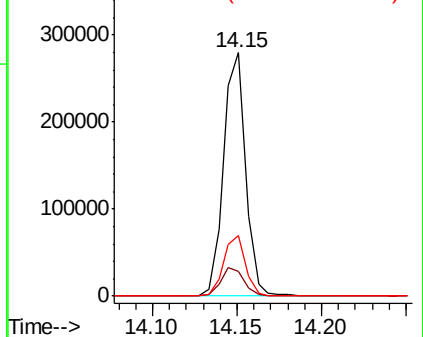
236 24.7 21.2 31.8

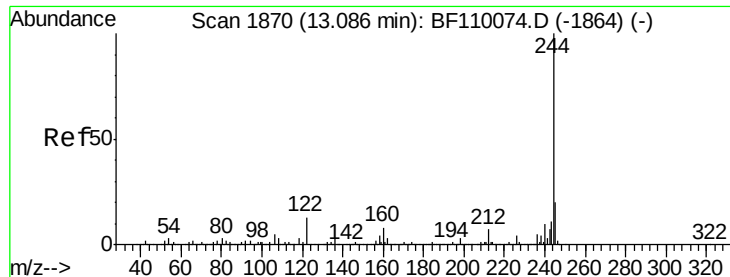


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.605 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BF110139.D

Acq: 25 Oct 2018 3:15

Instrument :

BNA_F

ClientSampleId :

102218-TIPC-E-D-B

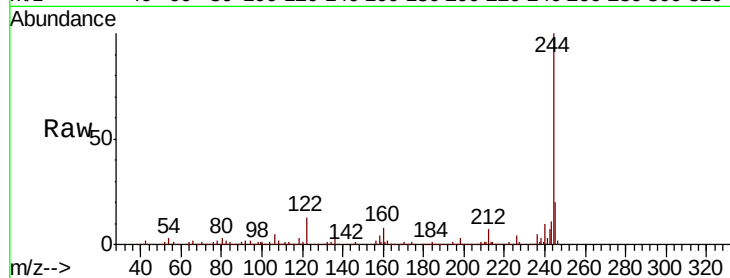
Tot Ion:244 Resp: 973431

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

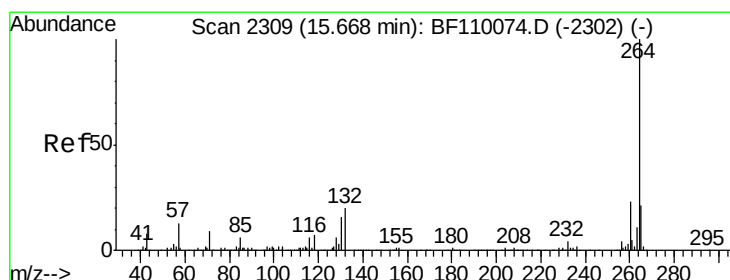
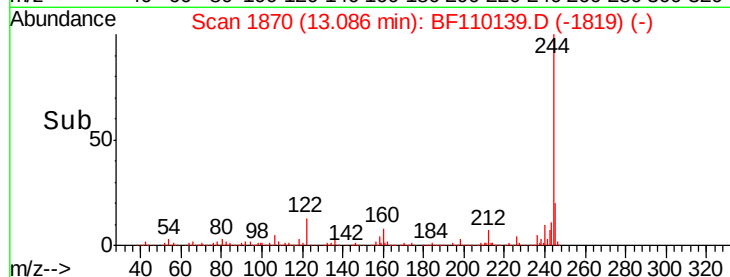
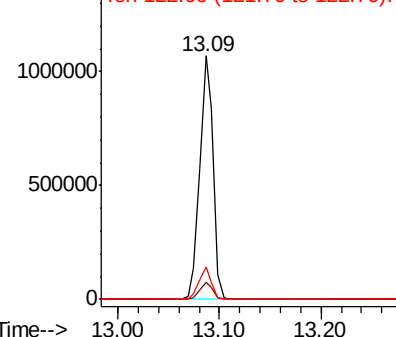
122 13.2 8.7 13.1#



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: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF110139.D

Acq: 25 Oct 2018 3:15

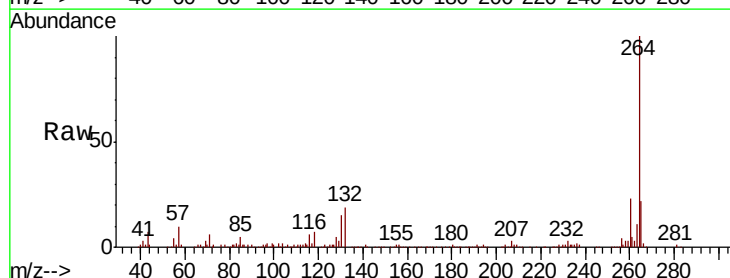
Tgt Ion:264 Resp: 181566

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.6 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

