

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104765.D
 Acq On : 24 Apr 2018 19:14
 Operator : JU/SJ
 Sample : J2504-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KS-RO-238

Quant Time: Apr 24 23:07:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

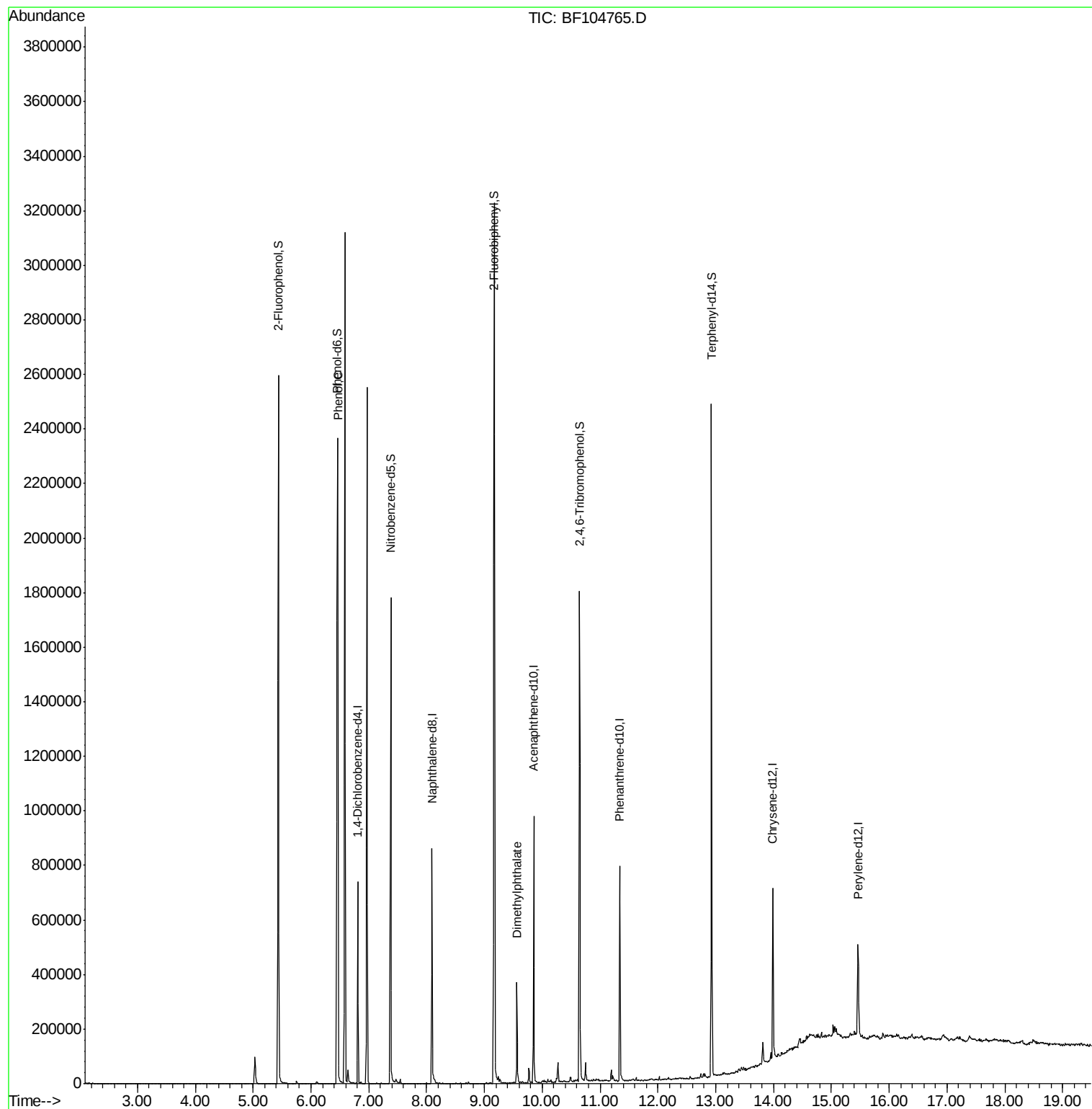
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	98848	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	406245	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	176958	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	286887	20.00	ng	0.00
75) Chrysene-d12	13.99	240	226336	20.00	ng	0.00
86) Perylene-d12	15.46	264	156499	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	839100	129.80	ng	0.02
7) Phenol-d6	6.46	99	1033260	130.09	ng	0.01
23) Nitrobenzene-d5	7.38	82	621559	99.91	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	233238	127.06	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1064380	95.02	ng	0.00
78) Terphenyl-d14	12.93	244	900198	90.67	ng	0.01
Target Compounds						
10) Phenol	6.47	94	22046	2.616	ng	93
49) Dimethylphthalate	9.56	163	149608	10.721	ng	100

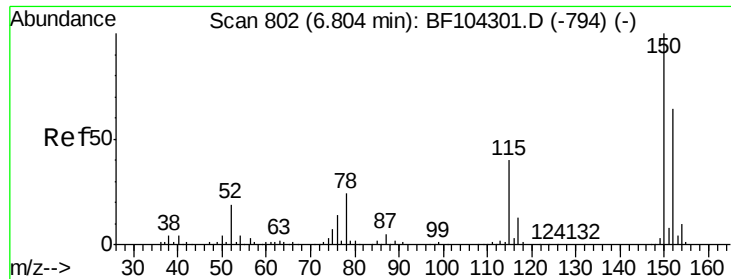
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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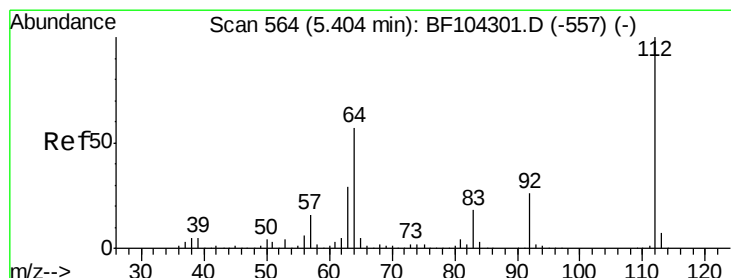
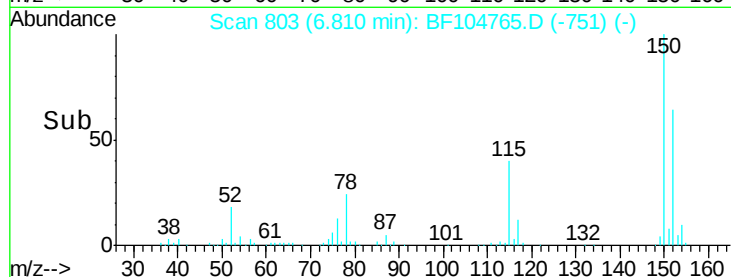
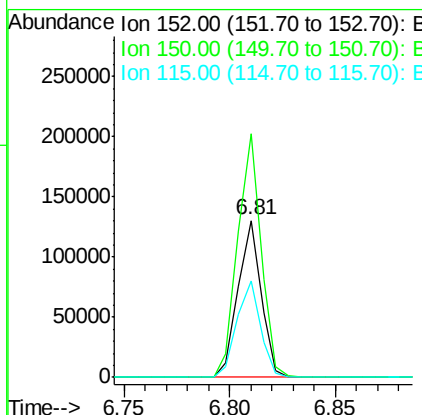
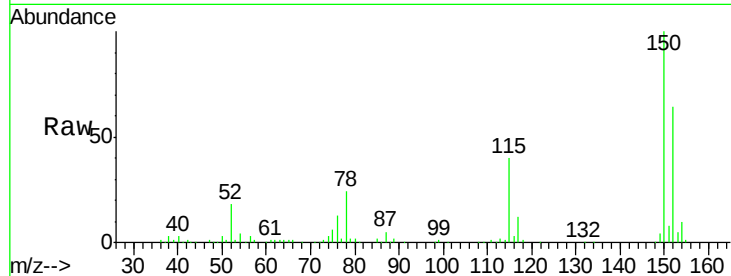


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BF104765.D
 Acq: 24 Apr 2018 19:14

Instrument :
 BNA_F
 ClientSampleId :
 KS-RO-238

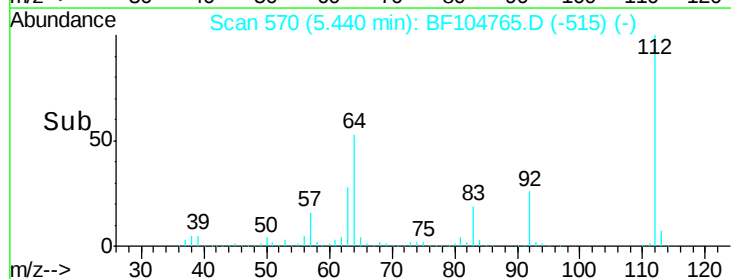
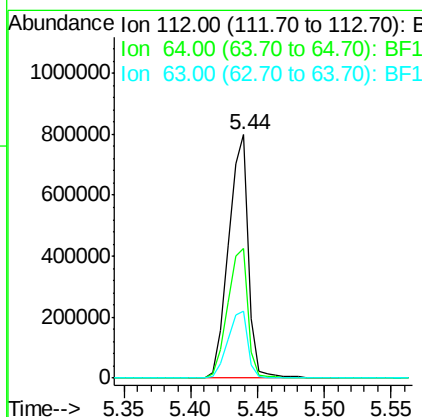
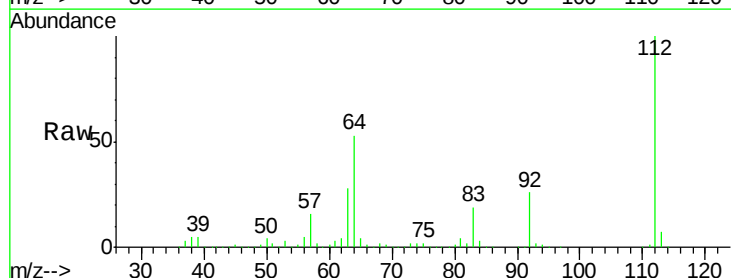
Tot Ion:152 Resp: 98848
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 61.7 50.1 75.1

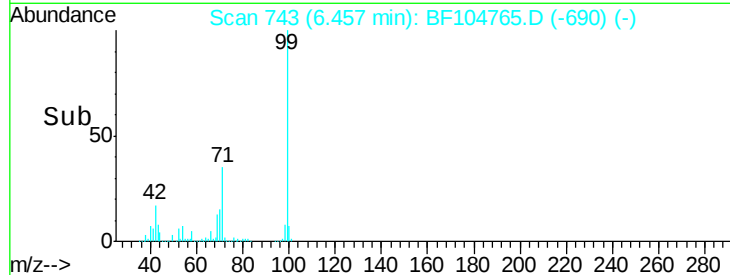
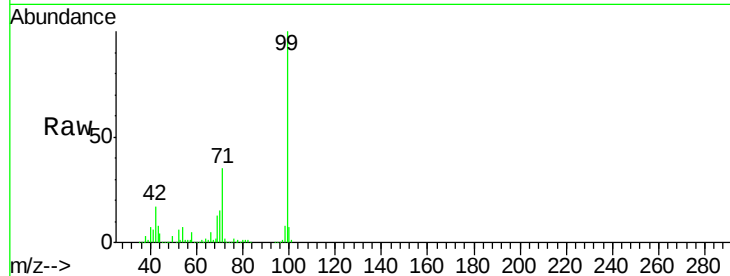
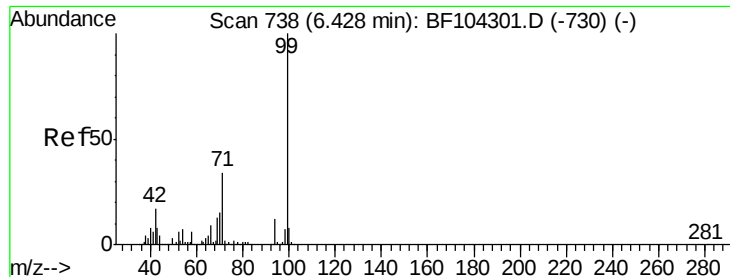


#5

2-Fluorophenol
 Concen: 129.798 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF104765.D
 Acq: 24 Apr 2018 19:14

Tgt Ion:112 Resp: 839100
 Ion Ratio Lower Upper
 112 100
 64 53.1 47.9 71.9
 63 27.8 23.7 35.5





#7

Phenol-d6

Concen: 130.085 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104765.D

Acq: 24 Apr 2018 19:14

Instrument :

BNA_F

ClientSampleId :

KS-RO-238

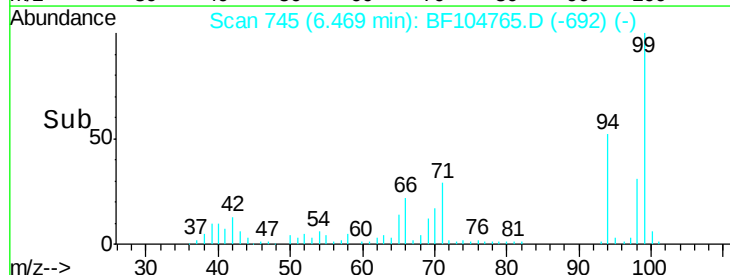
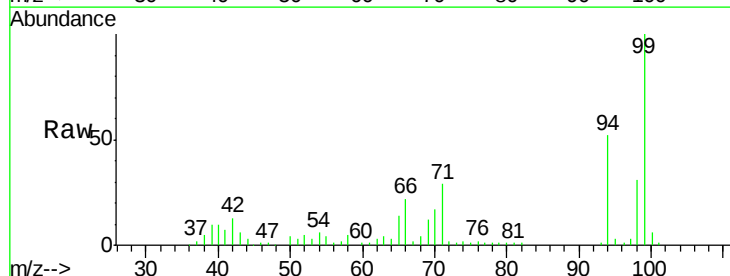
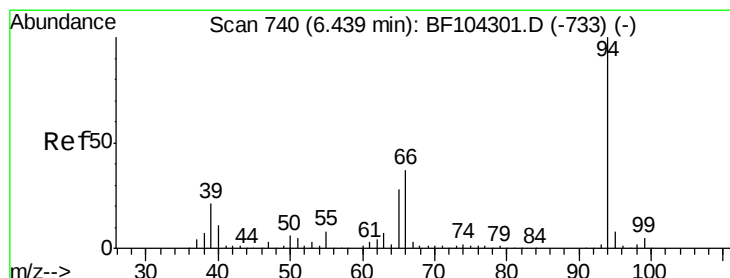
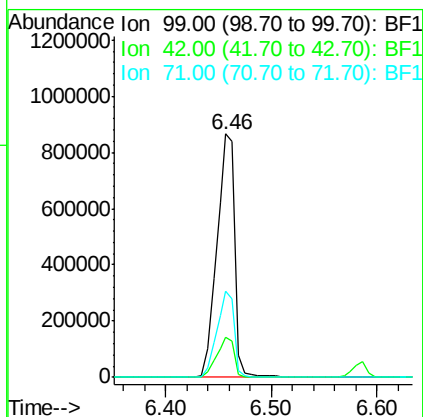
Tot Ion: 99 Resp: 1033260

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

71 35.5 25.4 38.0



#10

Phenol

Concen: 2.616 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104765.D

Acq: 24 Apr 2018 19:14

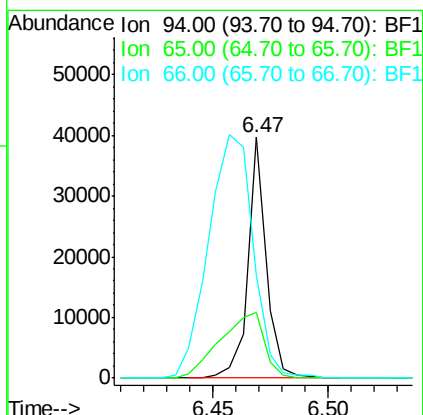
Tgt Ion: 94 Resp: 22046

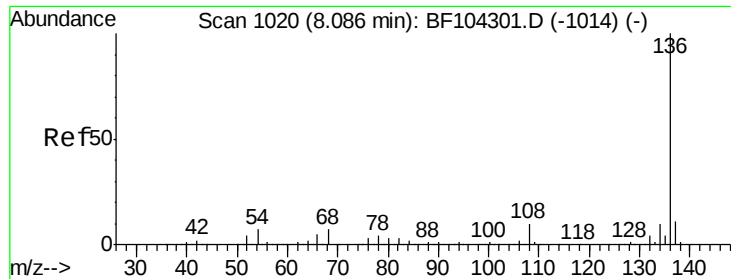
Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

66 42.9 16.2 56.2

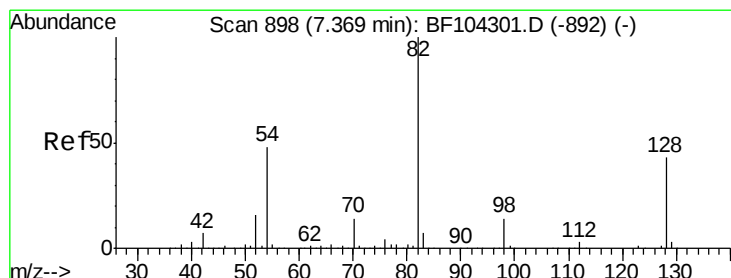
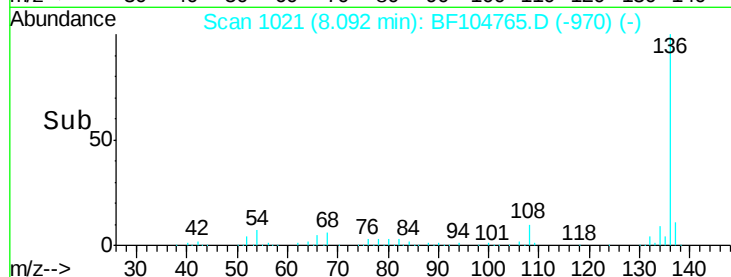
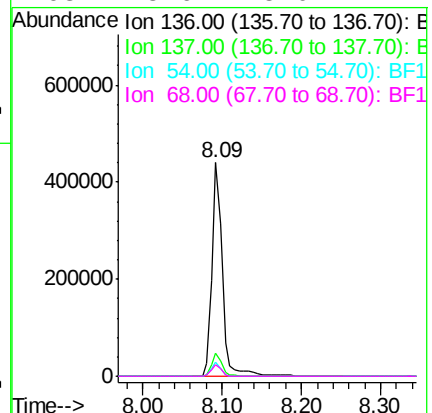
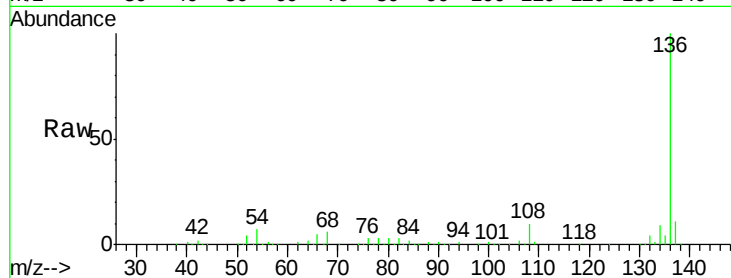




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

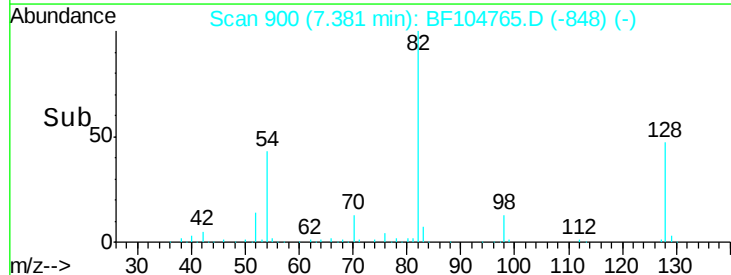
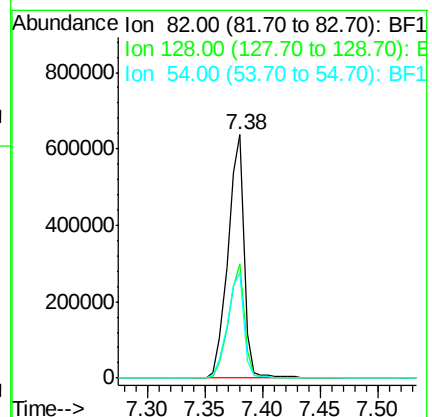
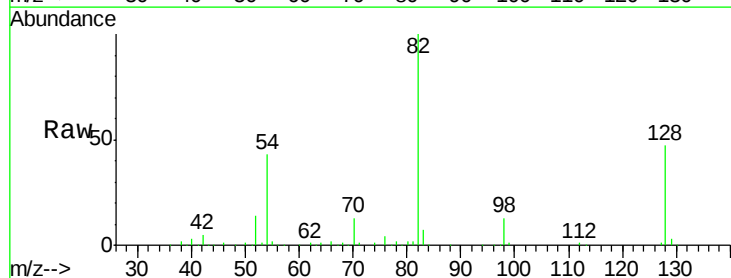
Instrument :
BNA_F
ClientSampleId :
KS-RO-238

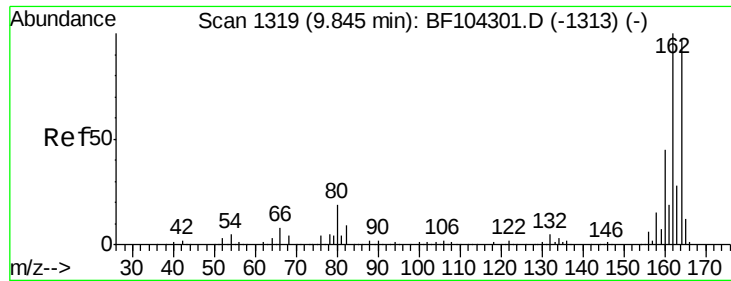
Tot Ion:136	Resp:	406245
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.9	6.6 9.8
68	5.6	5.0 7.4



#23
Nitrobenzene-d5
Concen: 99.907 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Tgt Ion: 82	Resp:	621559
Ion Ratio	Lower	Upper
82	100	
128	47.2	36.1 54.1
54	43.4	41.4 62.2

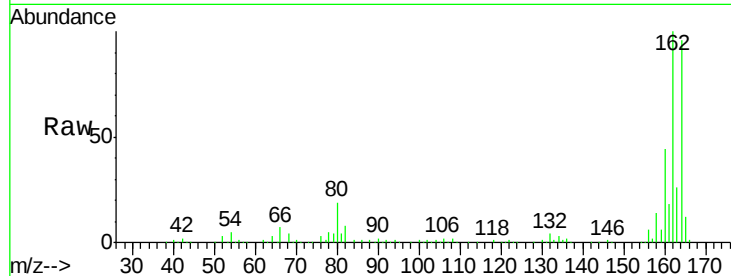




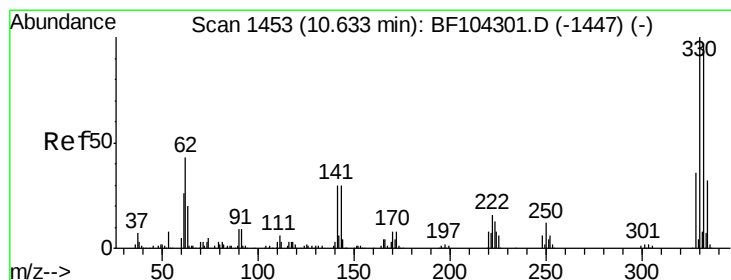
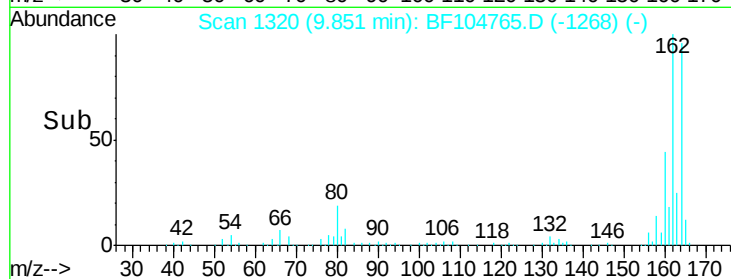
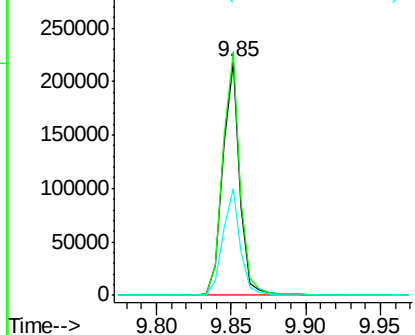
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF104765.D
 Acq: 24 Apr 2018 19:14

Instrument :
 BNA_F
 ClientSampleId :
 KS-RO-238

Tot Ion:164 Resp: 176958
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 45.6 38.3 57.5

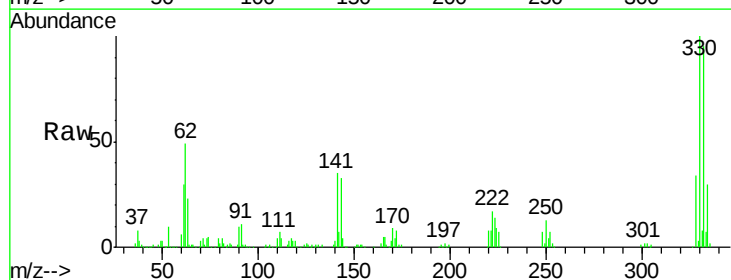


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

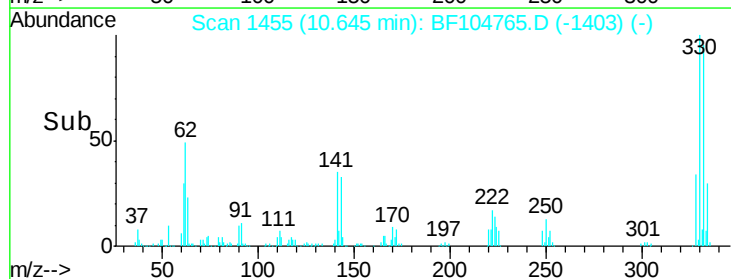
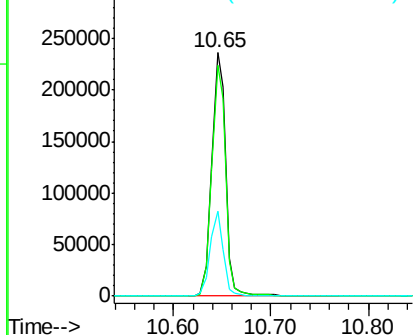


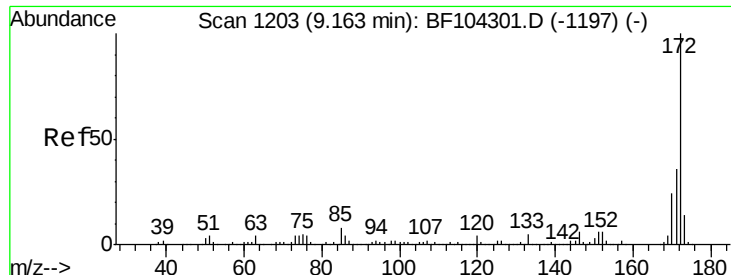
#41
 2,4,6-Tribromophenol
 Concen: 127.061 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104765.D
 Acq: 24 Apr 2018 19:14

Tgt Ion:330 Resp: 233238
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 33.6 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

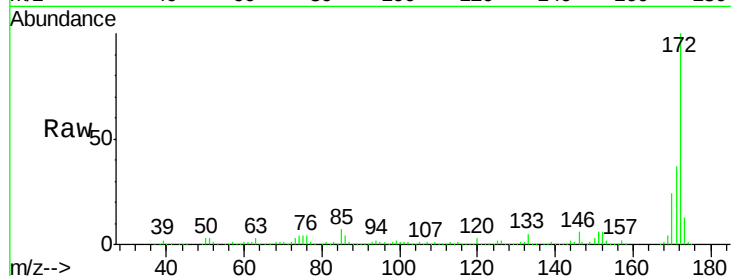




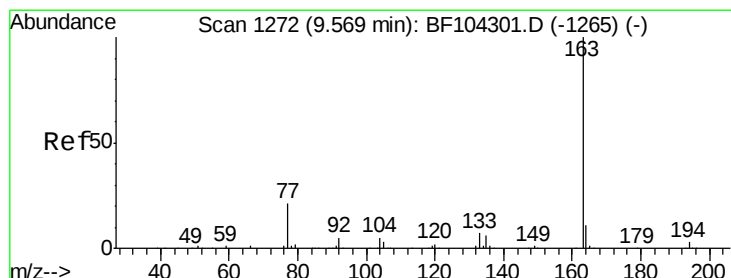
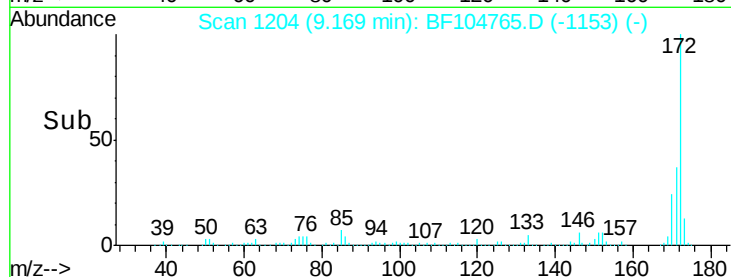
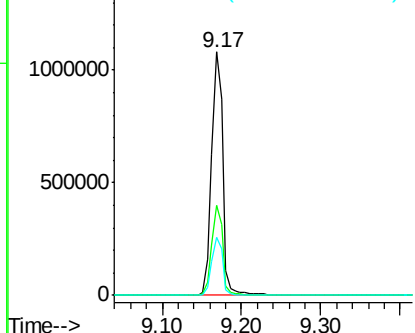
#44
2-Fluorobiphenyl
Concen: 95.020 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Instrument :
BNA_F
ClientSampled :
KS-RO-238

Tot Ion:172 Resp: 1064380
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.1 19.6 29.4

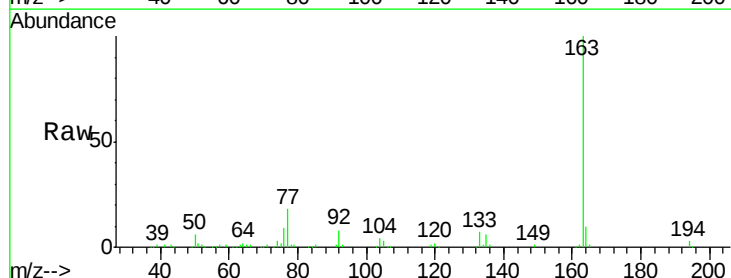


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

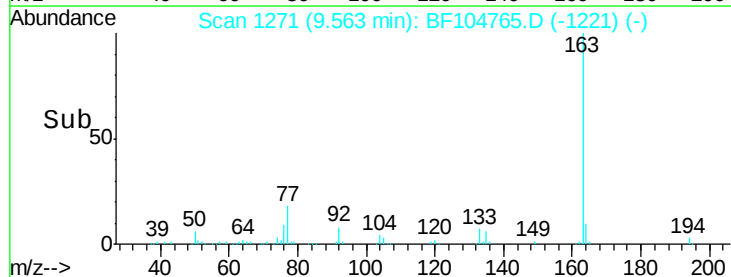
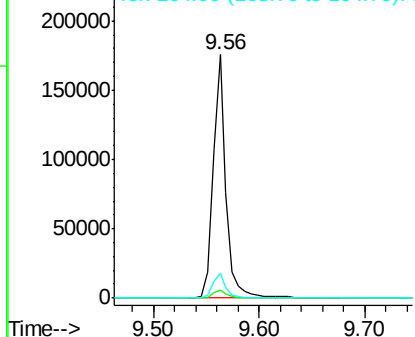


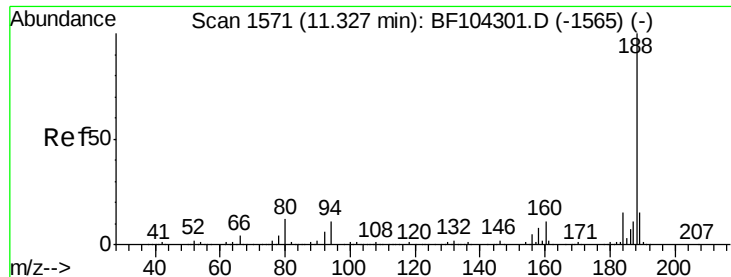
#49
Dimethylphthalate
Concen: 10.721 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Tgt Ion:163 Resp: 149608
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 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

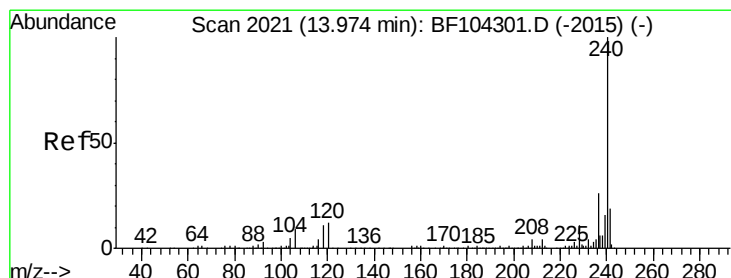
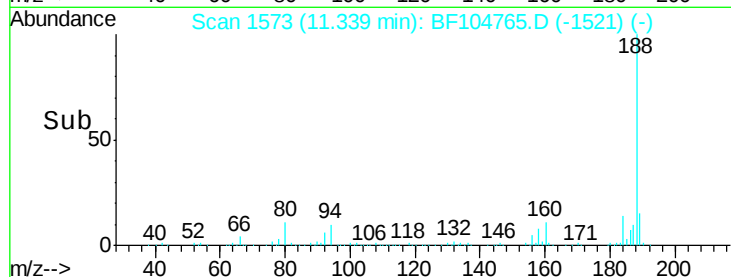
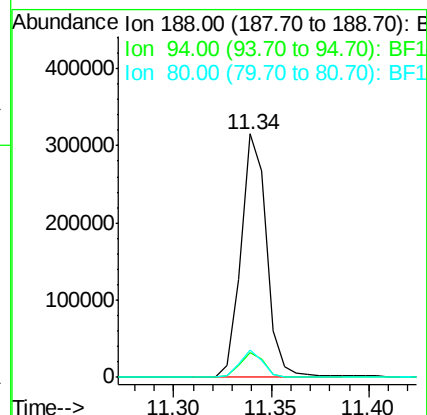
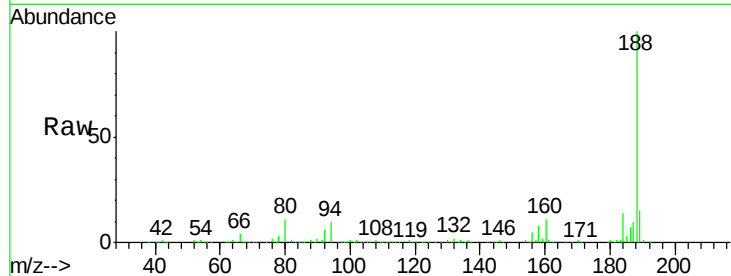




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

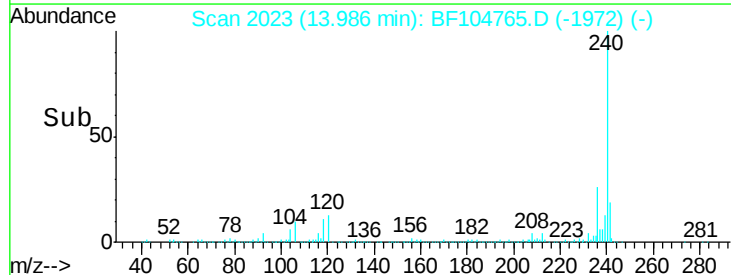
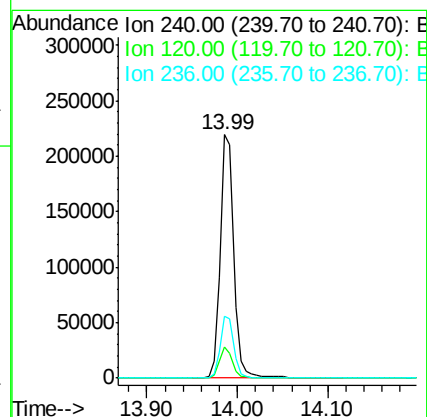
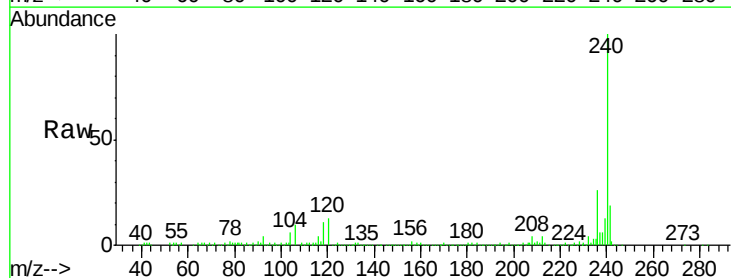
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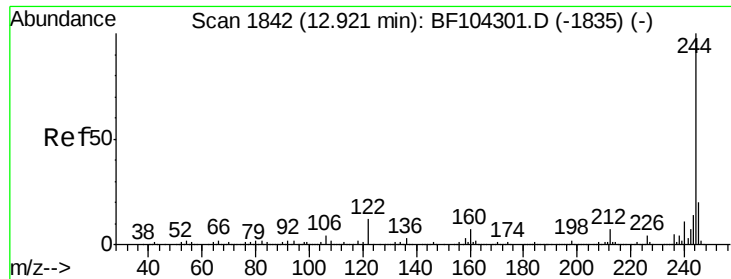
Tot Ion:188 Resp: 286887
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF104765.D
Acq: 24 Apr 2018 19:14

Tgt Ion:240 Resp: 226336
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.6 20.7 31.1

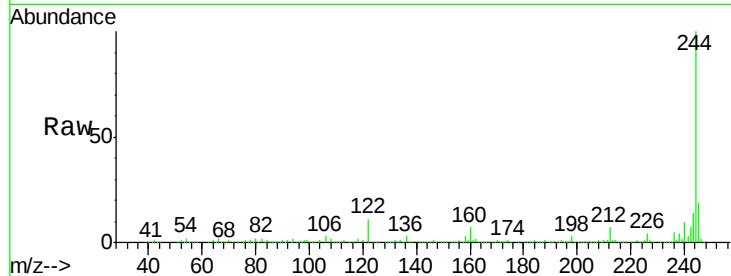




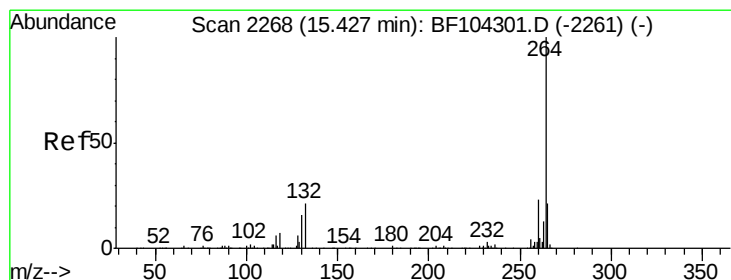
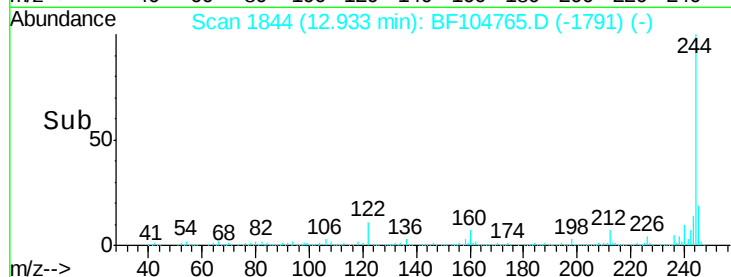
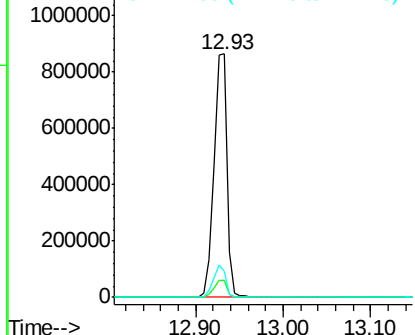
#78
 Terphenyl-d14
 Concen: 90.675 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: BF104765.D
 Acq: 24 Apr 2018 19:14

Instrument :
 BNA_F
 ClientSampleId :
 KS-RO-238

Tot Ion:244 Resp: 900198
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.5 11.0 16.4#

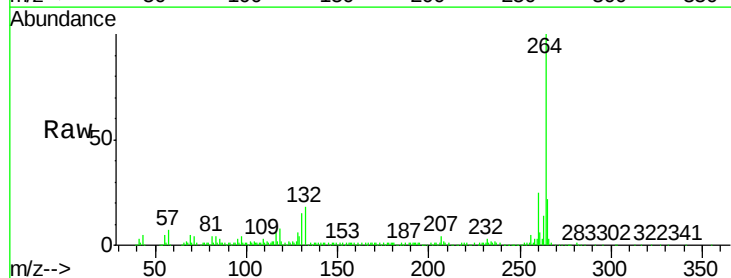


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF104765.D
 Acq: 24 Apr 2018 19:14

Tgt Ion:264 Resp: 156499
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 22.5 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

