

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104277.D
 Acq On : 5 Apr 2018 18:49
 Operator : JU/SJ
 Sample : J2183-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5

Quant Time: Apr 06 01:29:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

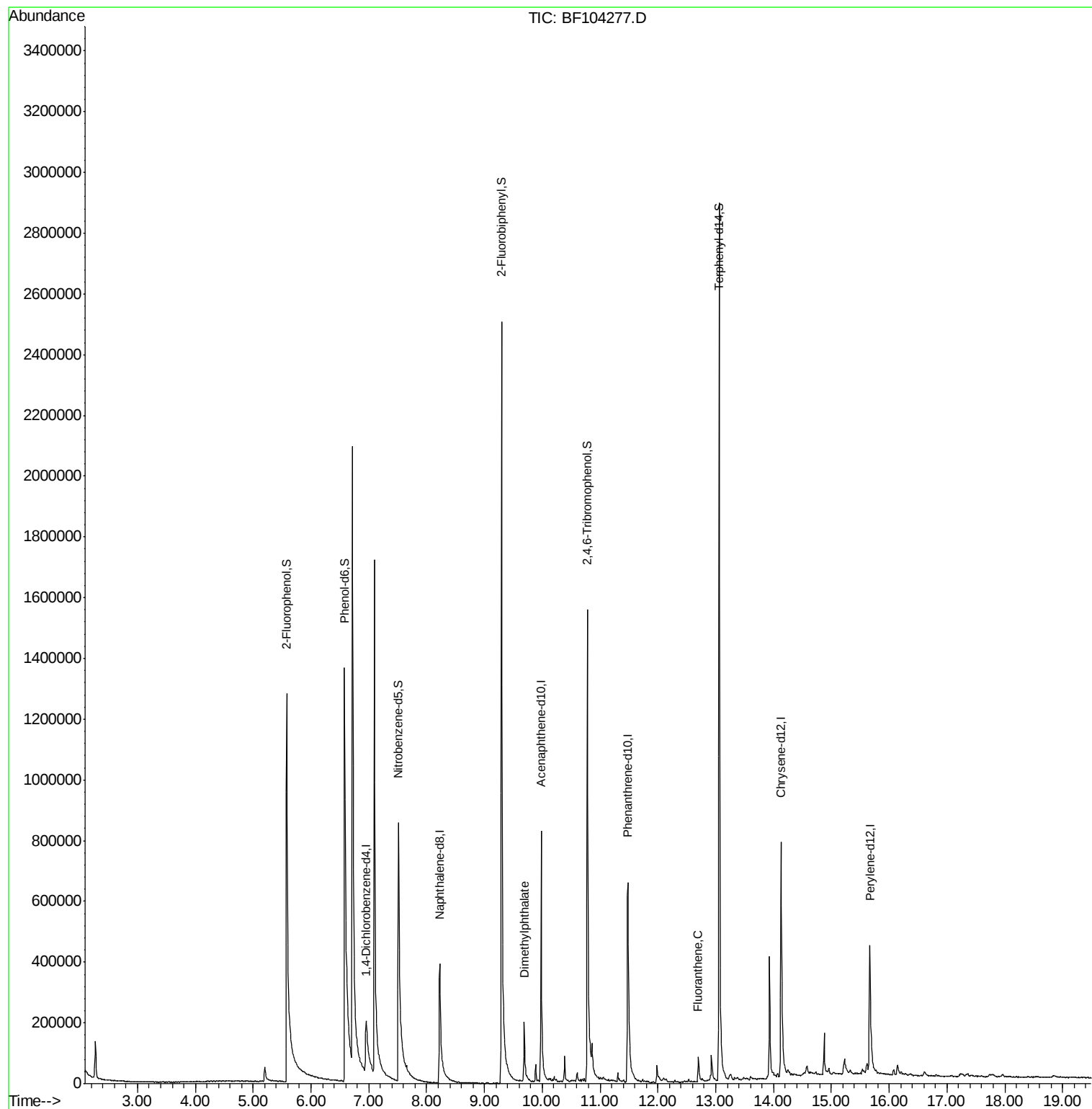
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	105787	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	498909	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	236297	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	463320	20.00	ng	0.00
75) Chrysene-d12	14.13	240	404376	20.00	ng	-0.01
86) Perylene-d12	15.67	264	326657	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	911755	137.45	ng	-0.01
7) Phenol-d6	6.58	99	1186765	145.42	ng	-0.02
23) Nitrobenzene-d5	7.51	82	783060	95.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	366161	139.16	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1352236	90.24	ng	0.00
78) Terphenyl-d14	13.06	244	1343439	76.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.69	163	144781	7.760	ng	99
74) Fluoranthene	12.70	202	68680	2.576	ng	97

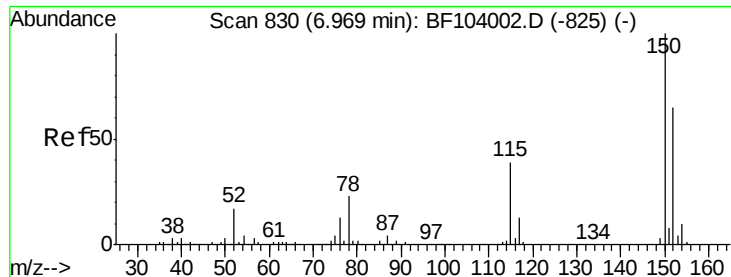
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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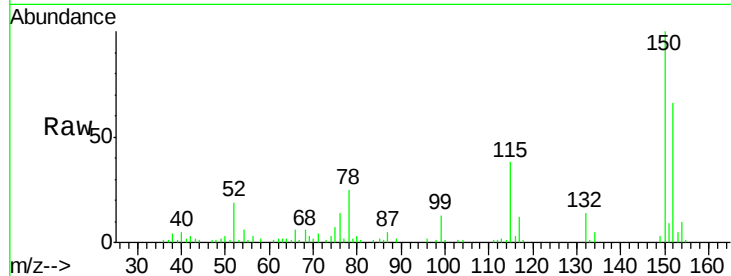


#1

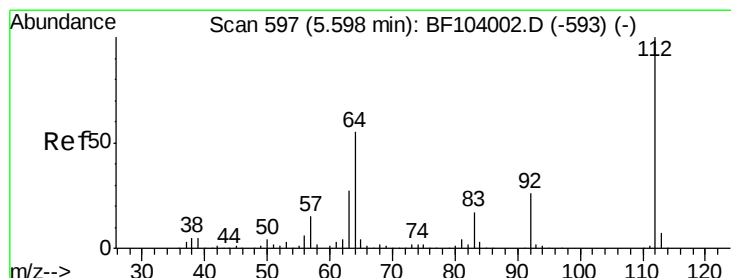
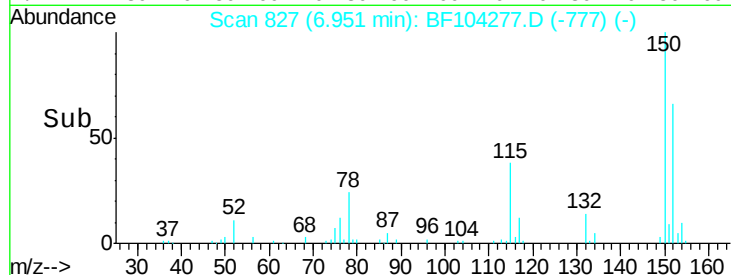
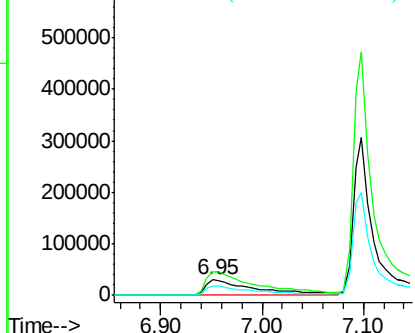
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF104277.D
 Acq: 5 Apr 2018 18:49

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5

Tot Ion:152 Resp: 105787
 Ion Ratio Lower Upper
 152 100
 150 151.2 124.6 186.8
 115 57.9 50.1 75.1



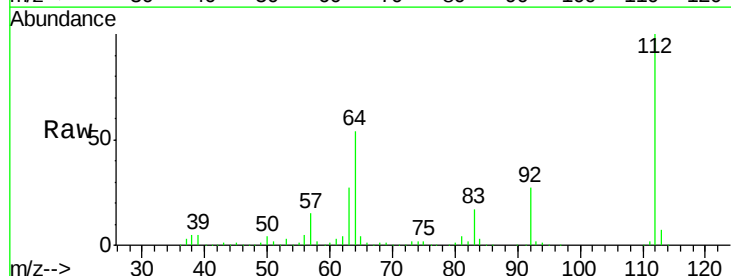
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



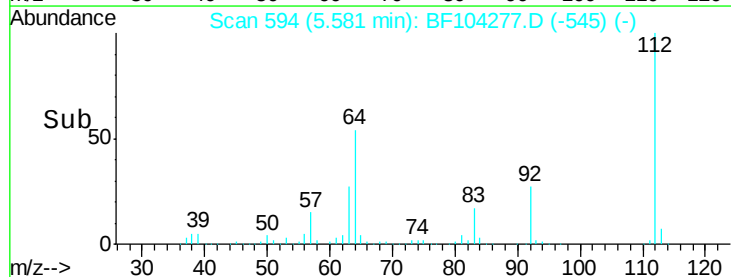
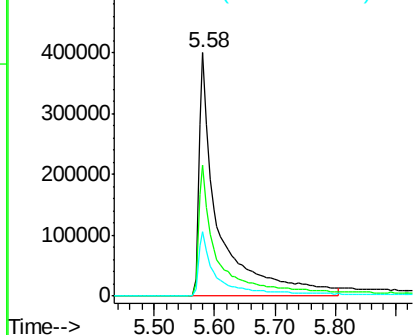
#5

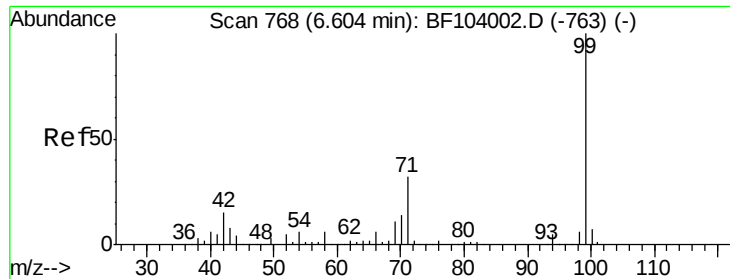
2-Fluorophenol
 Concen: 137.448 ng
 RT: 5.58 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF104277.D
 Acq: 5 Apr 2018 18:49

Tgt Ion:112 Resp: 911755
 Ion Ratio Lower Upper
 112 100
 64 54.0 47.9 71.9
 63 26.7 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: 145.416 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF104277.D

Acq: 5 Apr 2018 18:49

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5

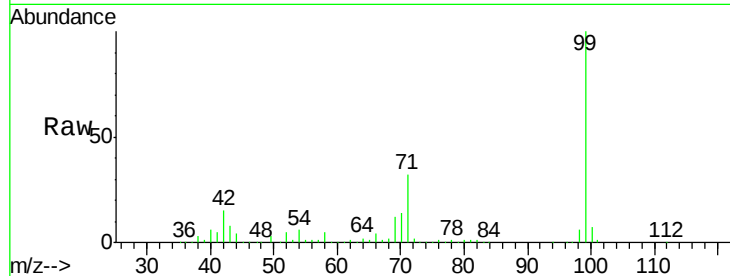
Tot Ion: 99 Resp: 1186765

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

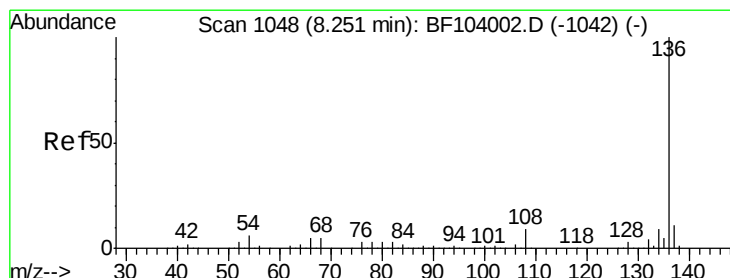
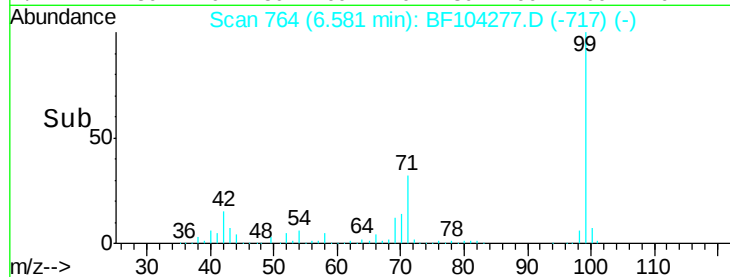
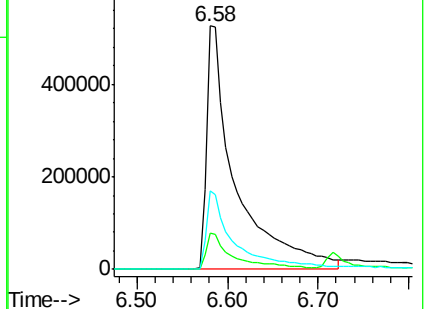
71 32.4 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104277.D

Acq: 5 Apr 2018 18:49

Tgt Ion: 136 Resp: 498909

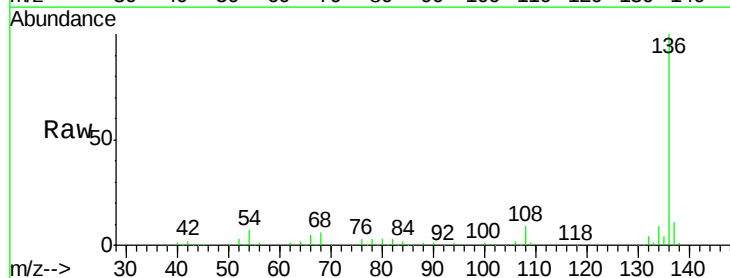
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.6 6.6 9.8

68 5.9 5.0 7.4

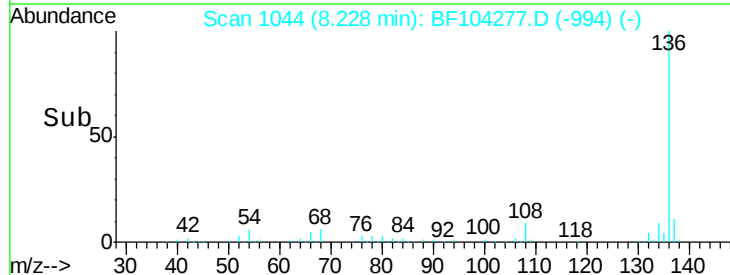
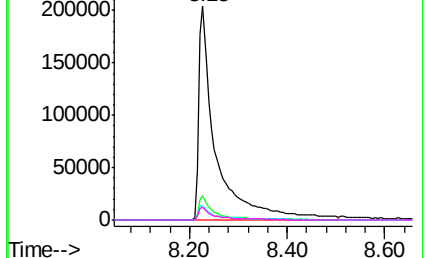


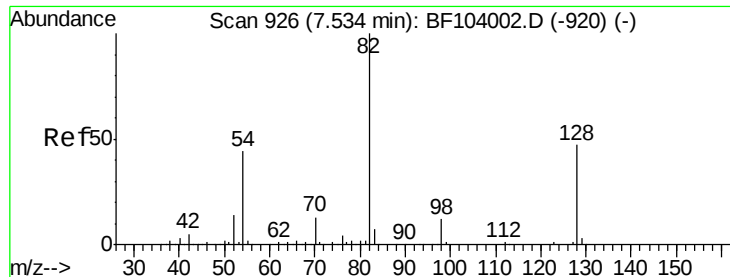
Abundance Ion 136.00 (135.70 to 136.70): E

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

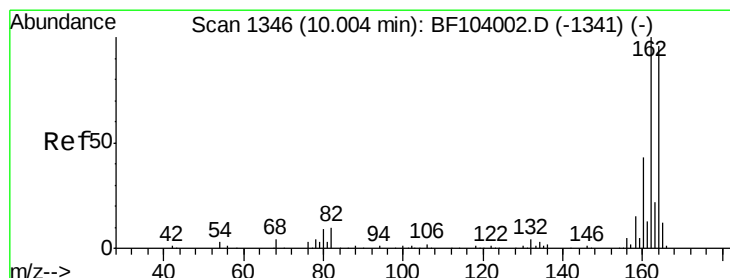
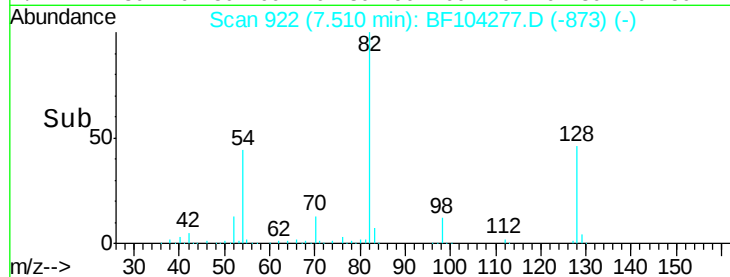
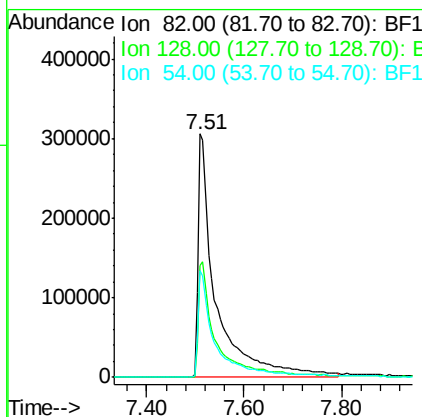
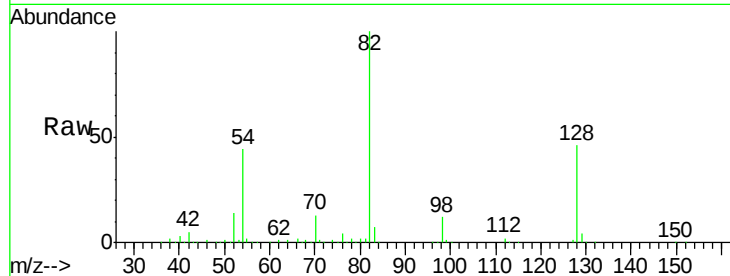




#23
 Nitrobenzene-d5
 Concen: 95.986 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF104277.D
 Acq: 5 Apr 2018 18:49

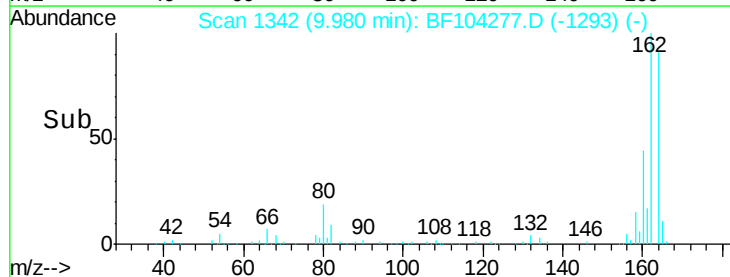
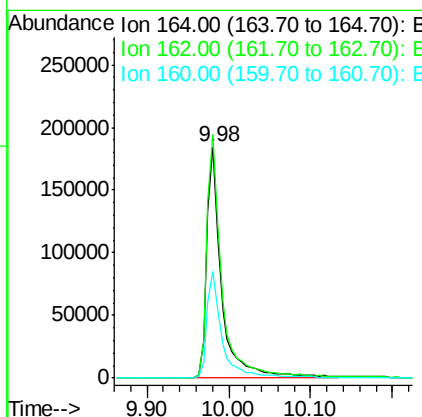
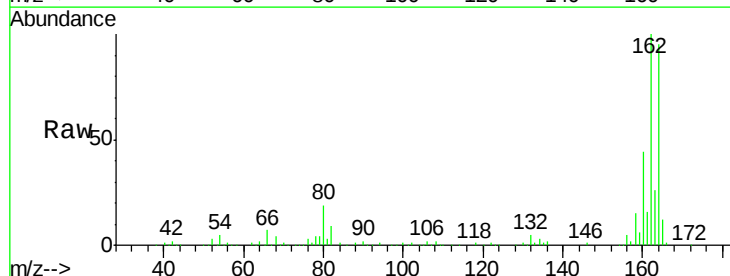
Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5

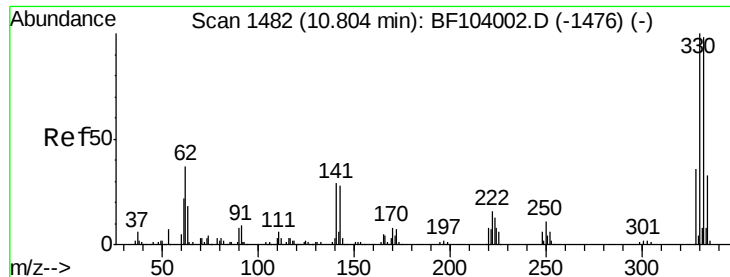
Tot Ion: 82 Resp: 783060
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 43.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF104277.D
 Acq: 5 Apr 2018 18:49

Tgt Ion: 164 Resp: 236297
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 46.3 38.3 57.5

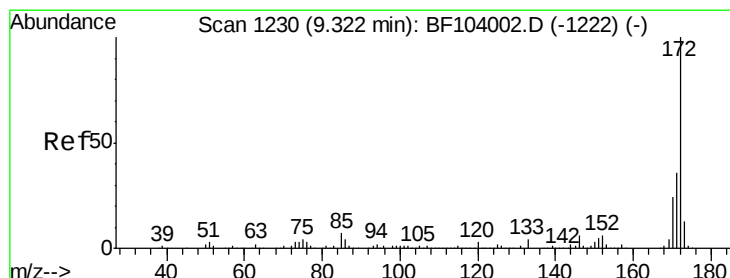
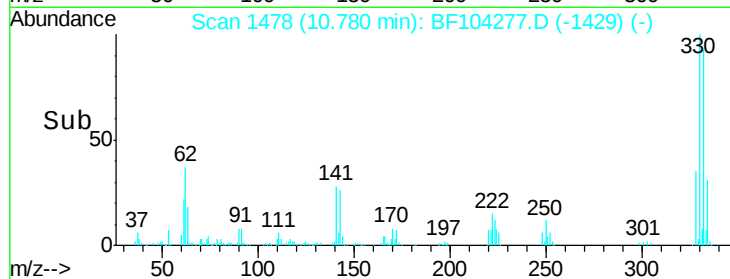
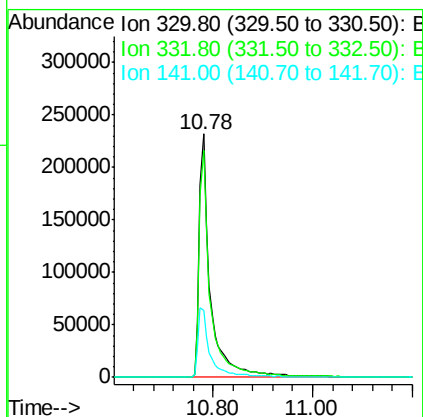
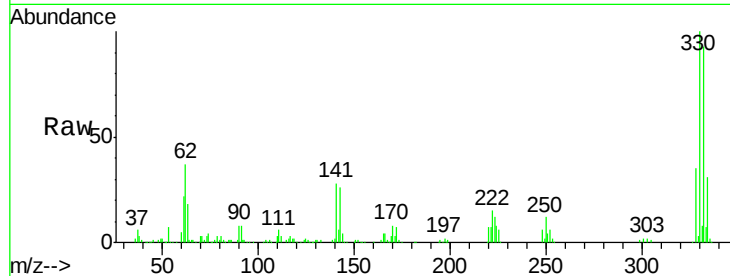




#41
 2,4,6-Tribromophenol
 Concen: 139.163 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF104277.D
 Acq: 5 Apr 2018 18:49

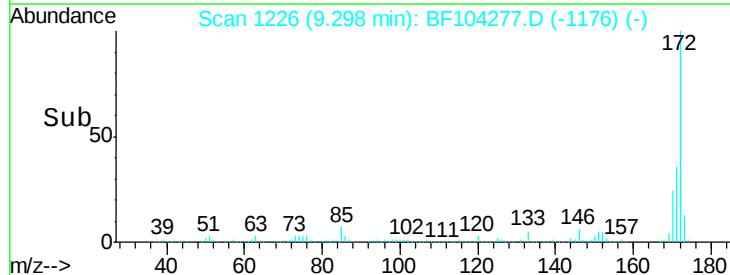
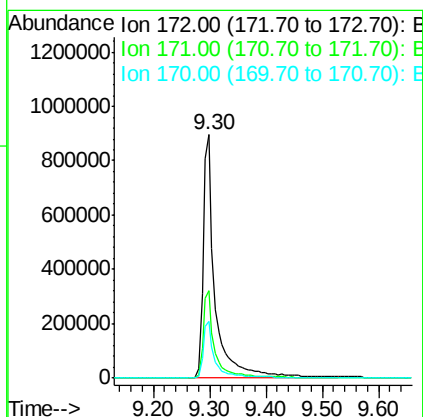
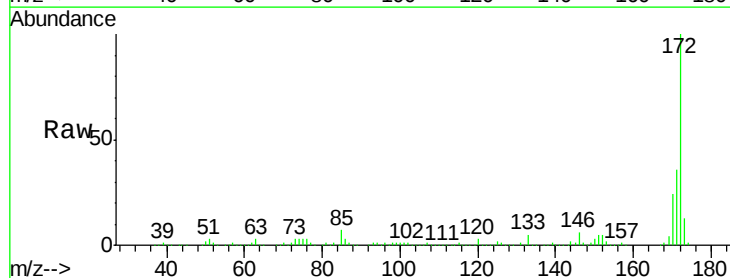
Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5

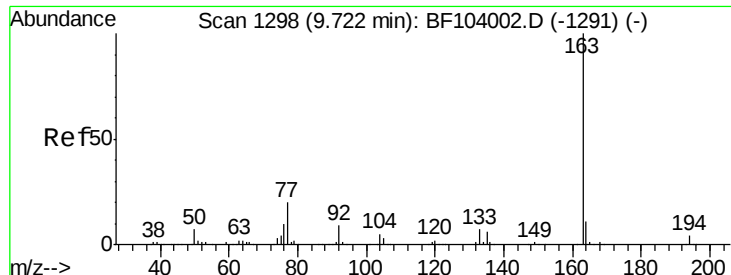
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	31.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 90.241 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104277.D
 Acq: 5 Apr 2018 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.5	19.6	29.4

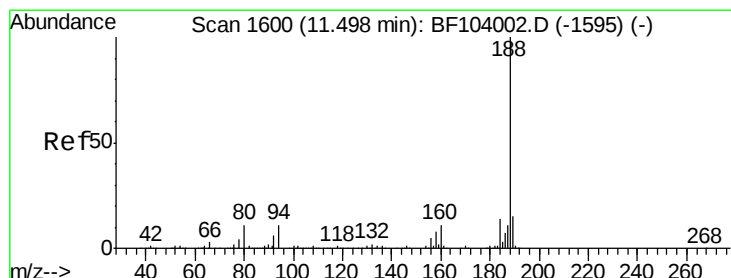
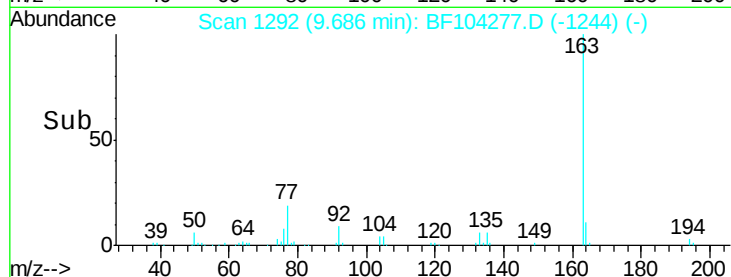
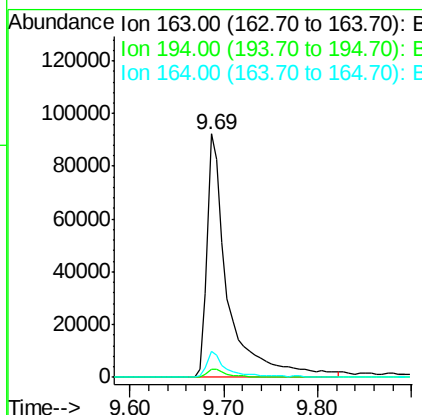
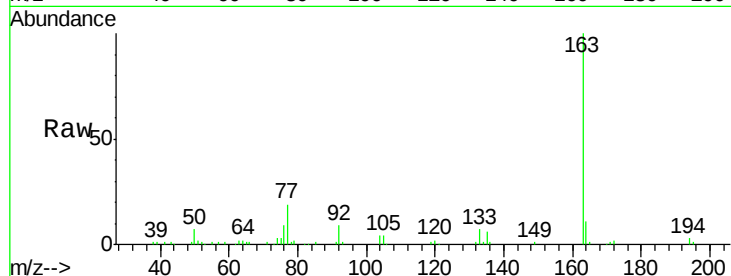




#49
 Dimethylphthalate
 Concen: 7.760 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF104277.D
 Acq: 5 Apr 2018 18:49

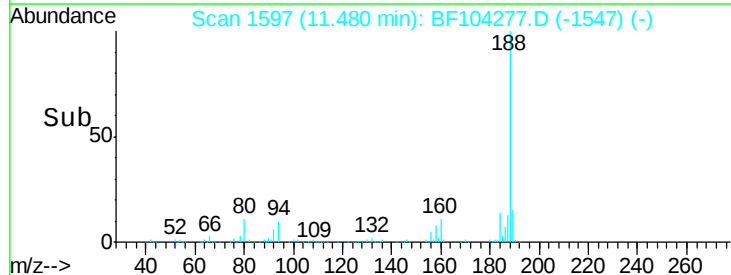
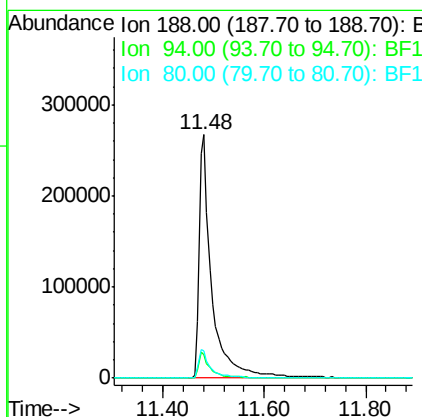
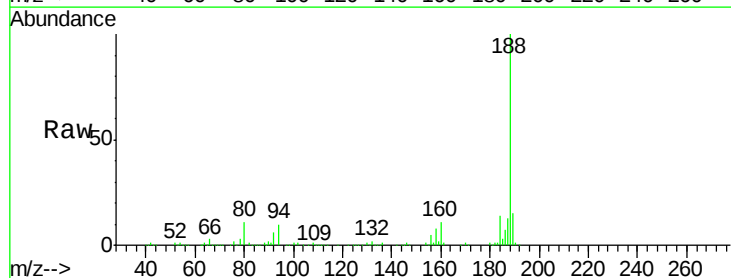
Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5

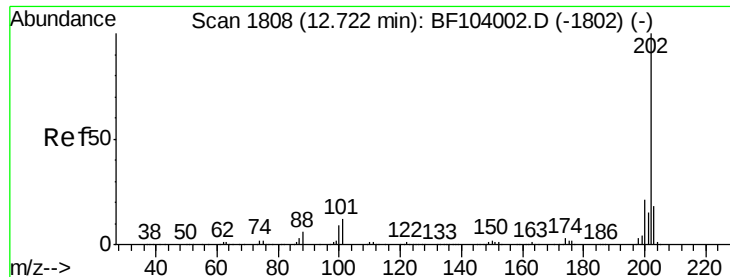
Tot Ion:163 Resp: 144781
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 10.8 8.2 12.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF104277.D
 Acq: 5 Apr 2018 18:49

Tgt Ion:188 Resp: 463320
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 11.3 9.2 13.8





#74

Fluoranthene

Concen: 2.576 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF104277.D

Acq: 5 Apr 2018 18:49

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5

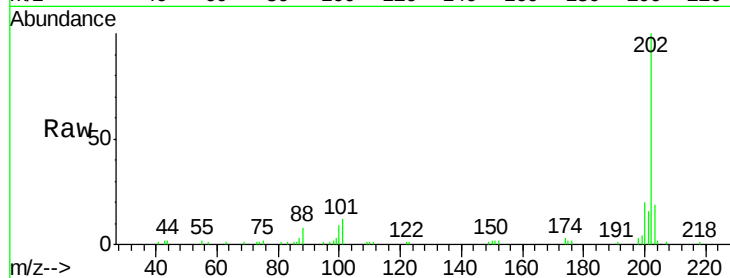
Tot Ion:202 Resp: 68680

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

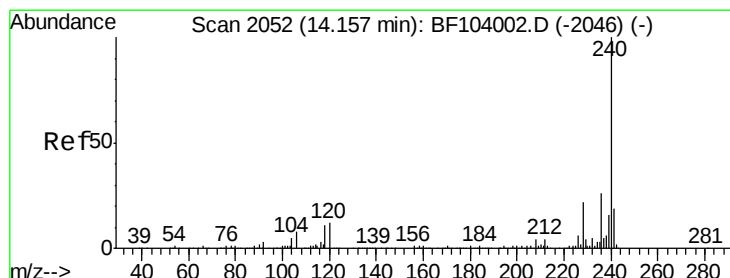
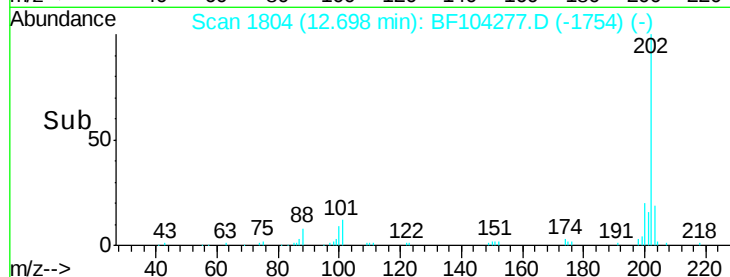
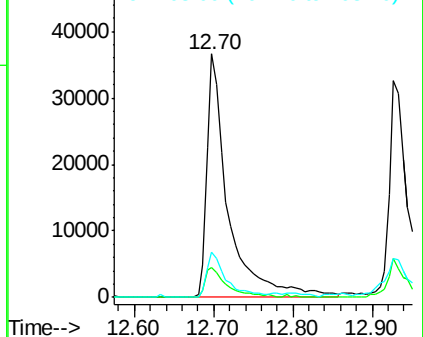
203 18.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF104277.D

Acq: 5 Apr 2018 18:49

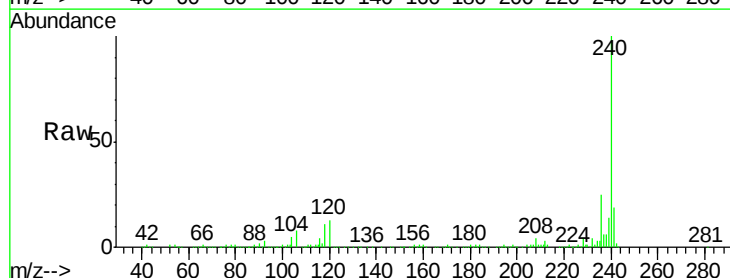
Tgt Ion:240 Resp: 404376

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

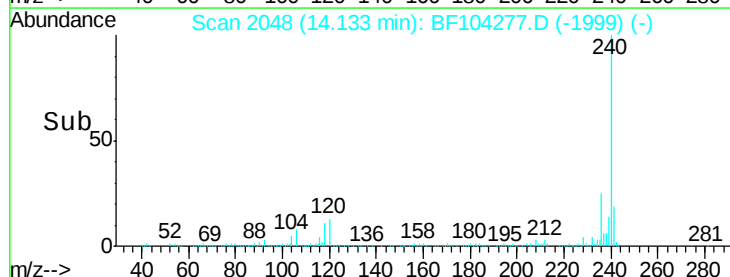
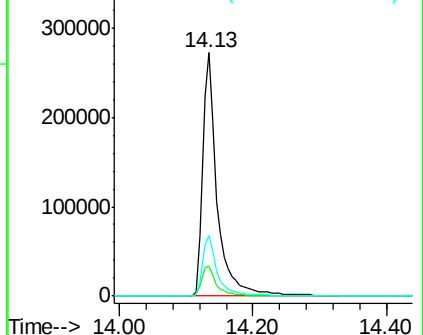
236 25.1 20.7 31.1

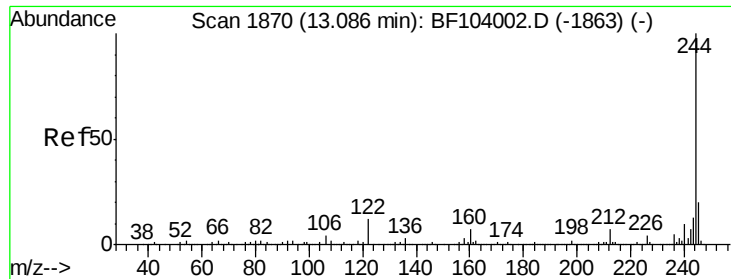


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.709 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104277.D

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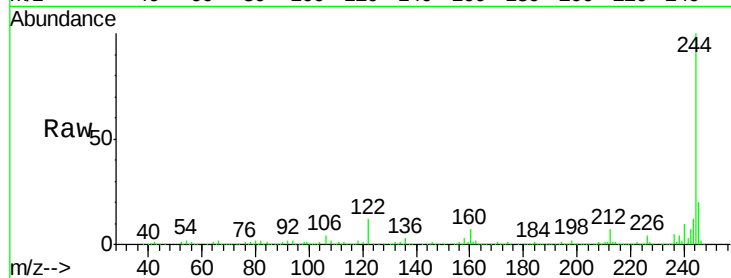
Tot Ion:244 Resp: 1343439

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

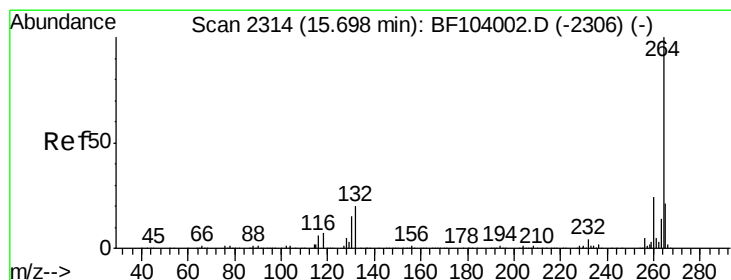
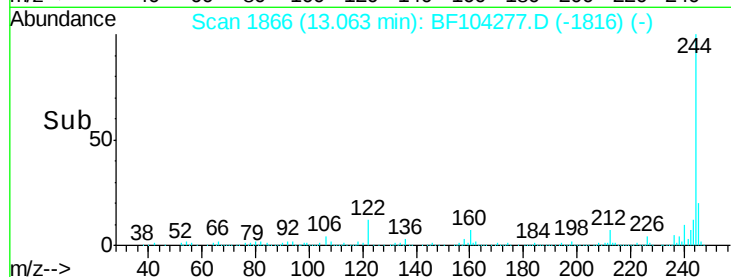
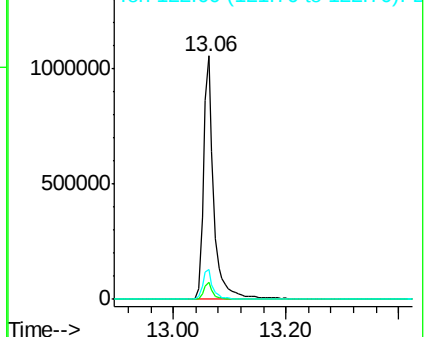
122 12.1 11.0 16.4



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: 15.67 min Scan# 2309

Delta R.T. -0.01 min

Lab File: BF104277.D

Acq: 5 Apr 2018 18:49

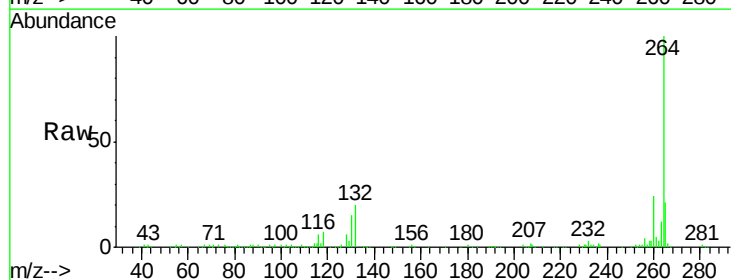
Tgt Ion:264 Resp: 326657

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.2 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

