

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101454.D
 Acq On : 15 Dec 2017 20:21
 Operator : SJ/JU
 Sample : I6889-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-1(0-3)

Quant Time: Dec 15 22:30:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

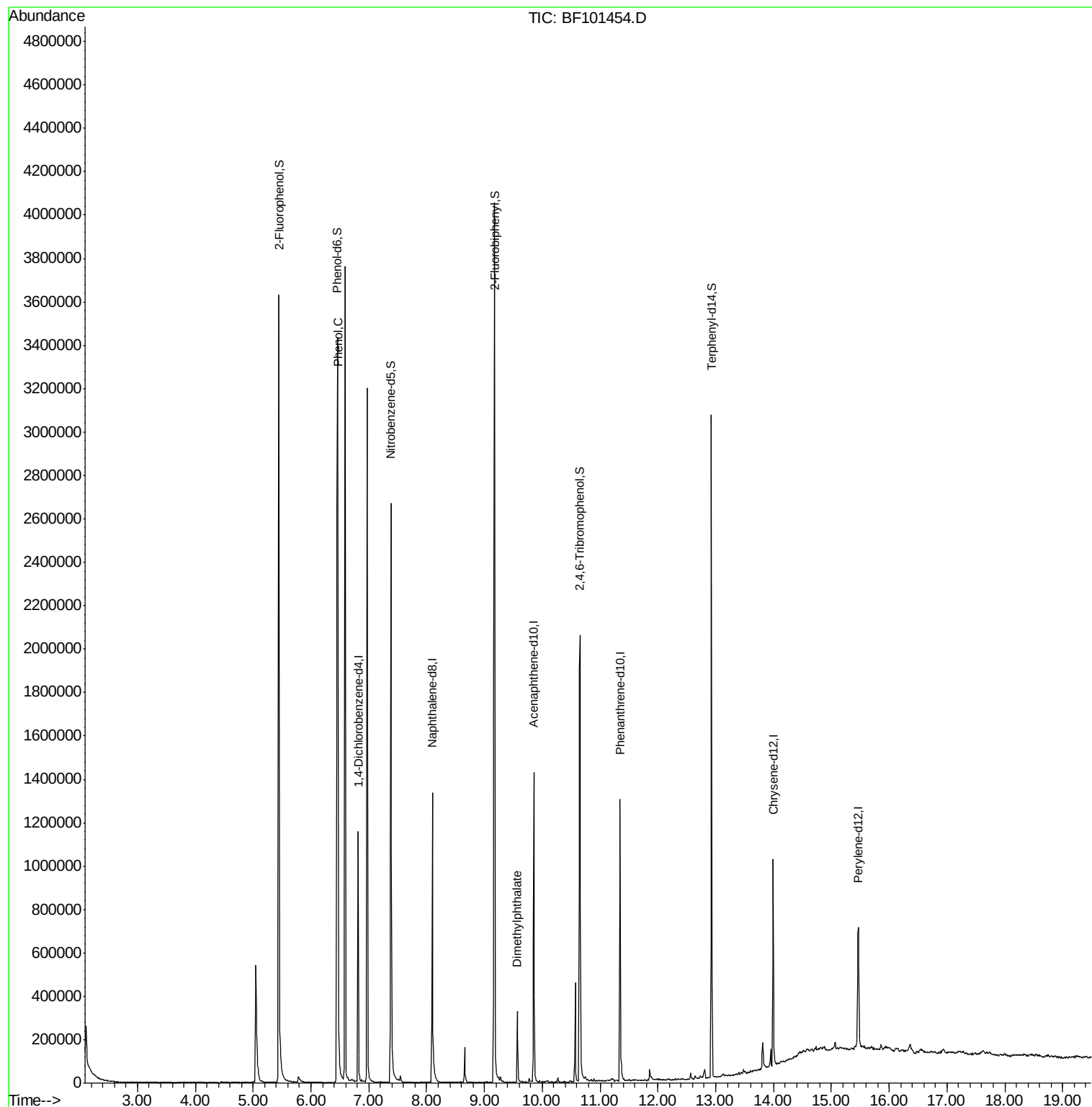
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	180650	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	722711	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	294838	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	503743	20.00	ng	0.00
75) Chrysene-d12	13.99	240	351128	20.00	ng	0.00
86) Perylene-d12	15.47	264	305685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1272713	104.94	ng	0.02
7) Phenol-d6	6.46	99	1561858	103.48	ng	0.00
23) Nitrobenzene-d5	7.39	82	984053	75.80	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	300768	105.87	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1458817	76.75	ng	0.00
78) Terphenyl-d14	12.93	244	1141735	78.39	ng	0.00
Target Compounds						
10) Phenol	6.47	94	86839	5.048	ng	94
49) Dimethylphthalate	9.57	163	159212	6.713	ng	99

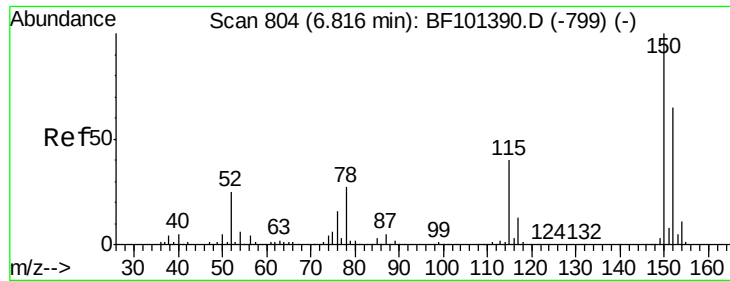
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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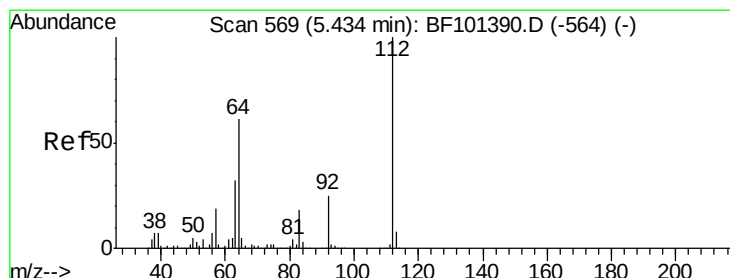
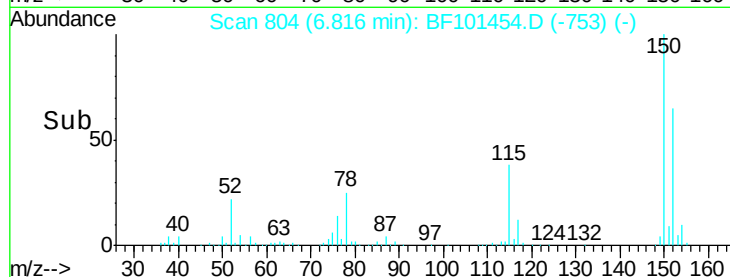
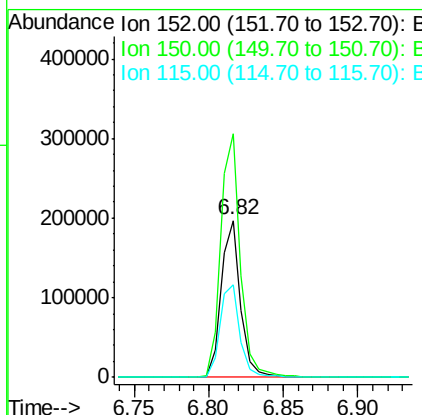
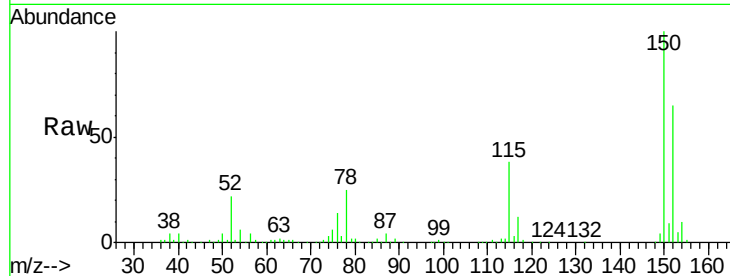




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF101454.D
 Acq: 15 Dec 2017 20:21

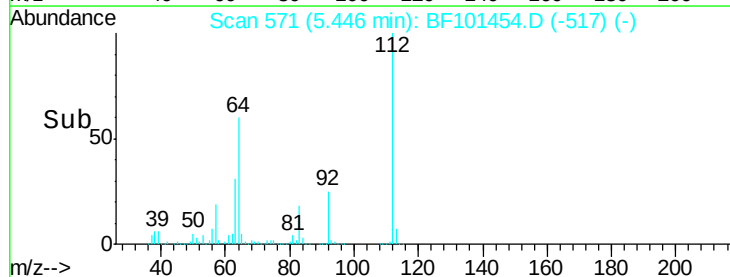
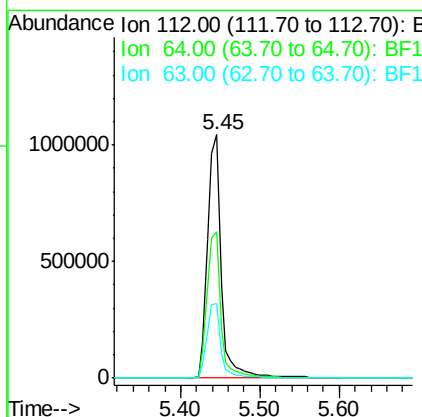
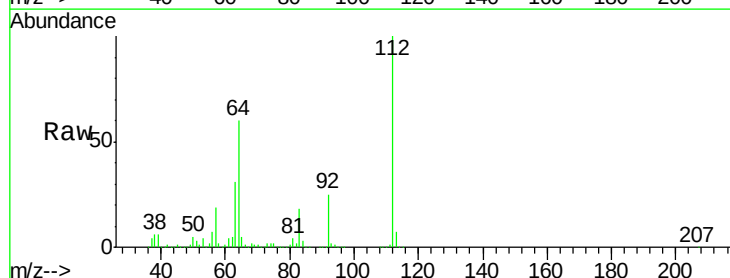
Instrument :
 BNA_F
 ClientSampleId :
 GIS-1(0-3)

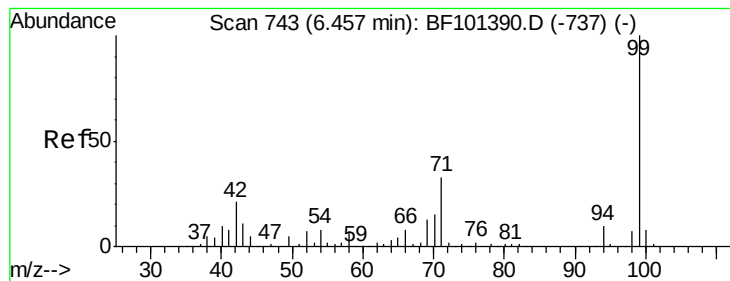
Tgt Ion:152 Resp: 180650
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.6 186.8
 115 58.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 104.944 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.02 min
 Lab File: BF101454.D
 Acq: 15 Dec 2017 20:21

Tgt Ion:112 Resp: 1272713
 Ion Ratio Lower Upper
 112 100
 64 60.1 47.9 71.9
 63 30.9 23.7 35.5





#7

Phenol-d6

Concen: 103.481 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF101454.D

Acq: 15 Dec 2017 20:21

Instrument :

BNA_F

ClientSampleId :

GIS-1(0-3)

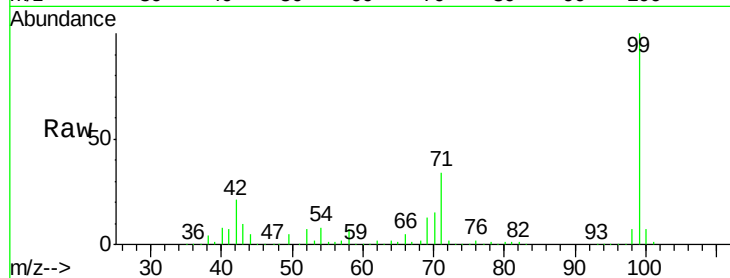
Tgt Ion: 99 Resp: 1561858

Ion Ratio Lower Upper

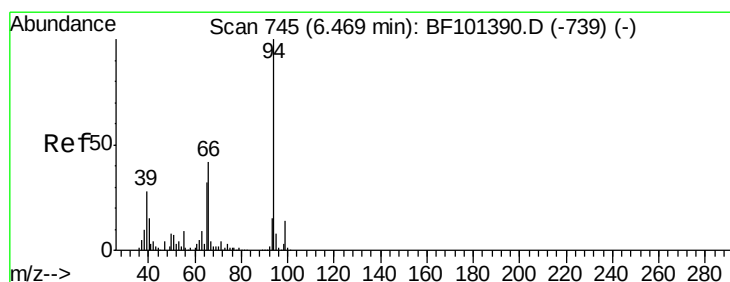
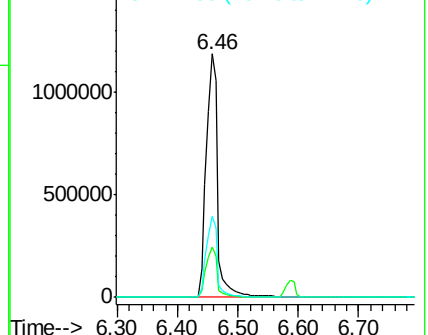
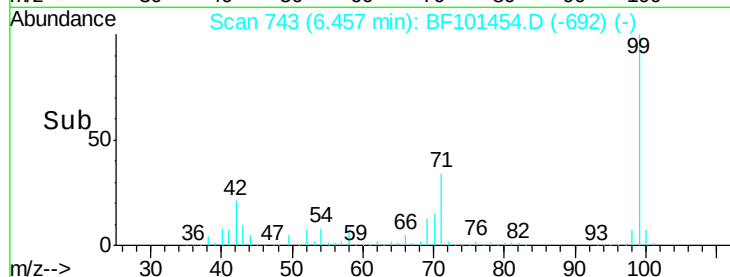
99 100

42 20.6 14.5 21.7

71 33.5 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



#10

Phenol

Concen: 5.048 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF101454.D

Acq: 15 Dec 2017 20:21

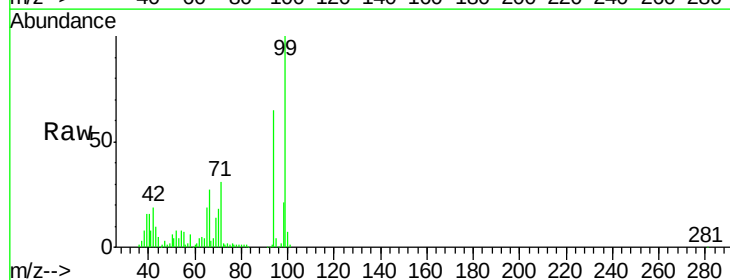
Tgt Ion: 94 Resp: 86839

Ion Ratio Lower Upper

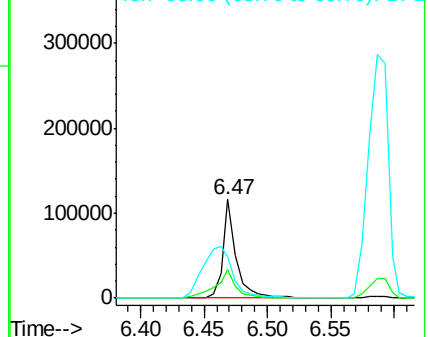
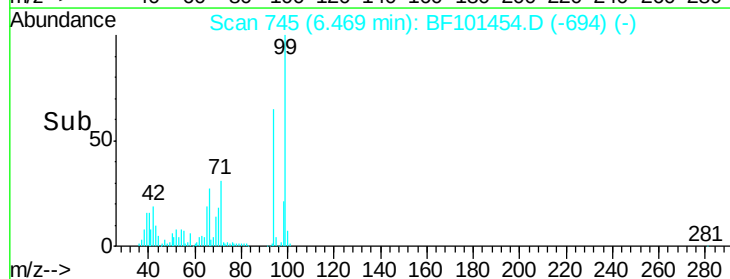
94 100

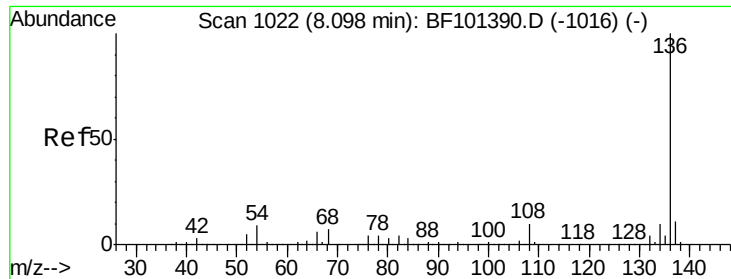
65 28.6 7.9 47.9

66 41.5 16.2 56.2



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

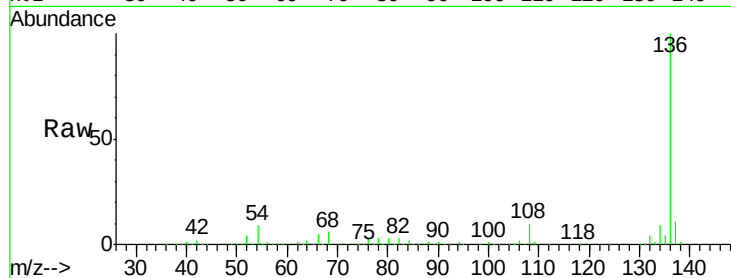




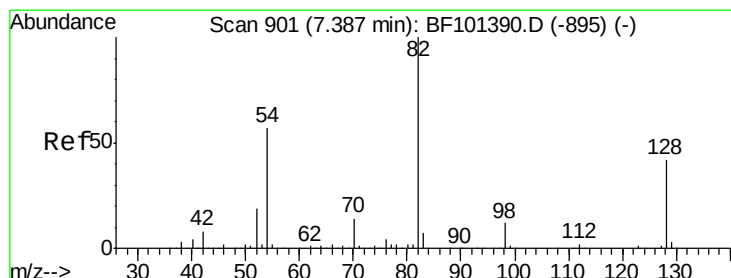
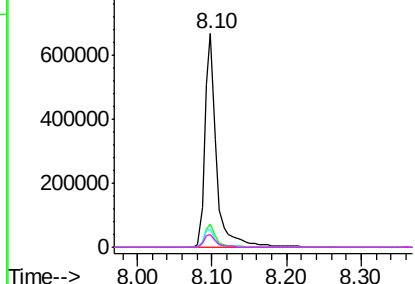
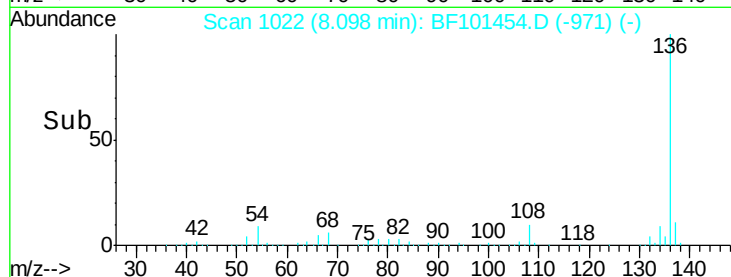
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101454.D
Acq: 15 Dec 2017 20:21

Instrument :
BNA_F
ClientSampleId :
GIS-1(0-3)

Tgt Ion:	136	Resp:	722711
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.6	6.6	9.8
68	6.1	5.0	7.4

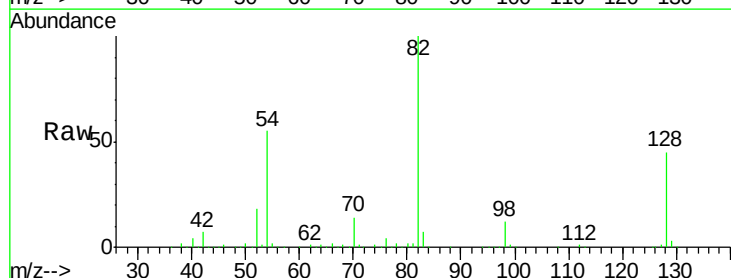


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

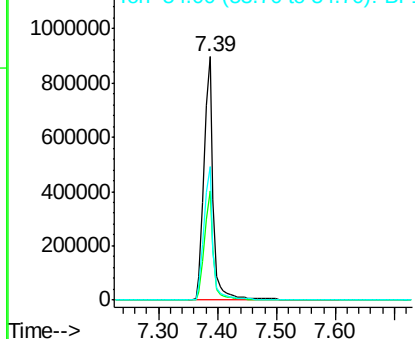
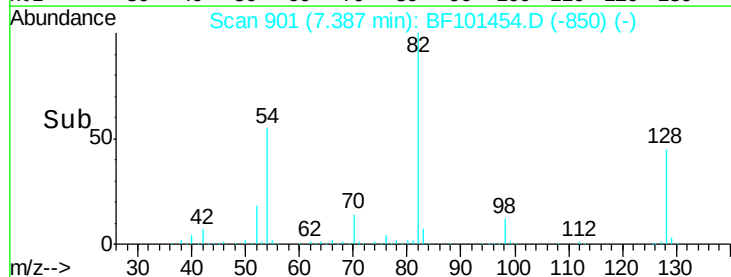


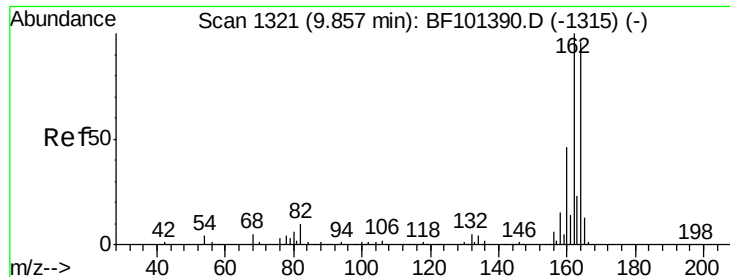
#23
Nitrobenzene-d5
Concen: 75.795 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101454.D
Acq: 15 Dec 2017 20:21

Tgt Ion:	82	Resp:	984053
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	54.9	41.4	62.2



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF101454.D

Acq: 15 Dec 2017 20:21

Instrument :

BNA_F

ClientSampleId :

GIS-1(0-3)

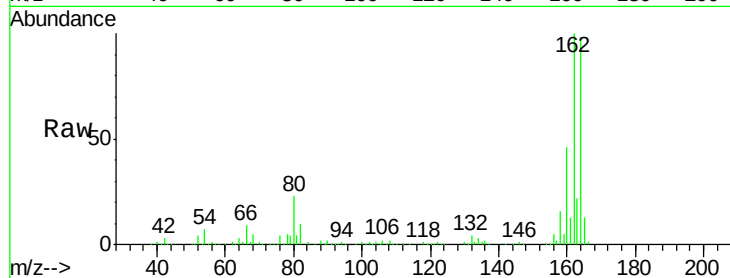
Tgt Ion:164 Resp: 294838

Ion Ratio Lower Upper

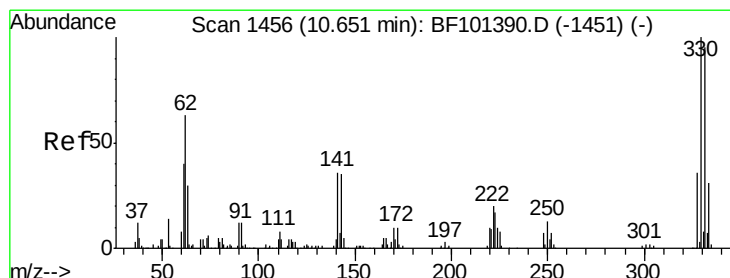
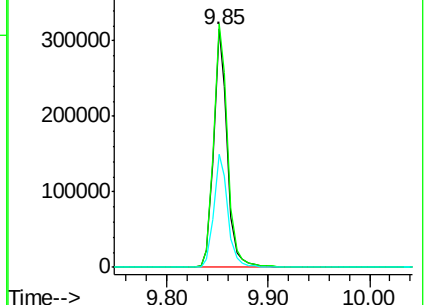
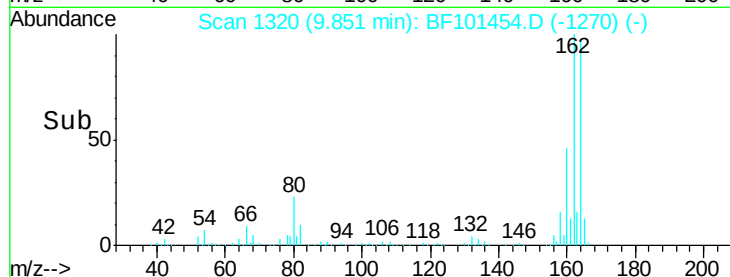
164 100

162 102.4 86.1 129.1

160 47.3 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: 105.867 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF101454.D

Acq: 15 Dec 2017 20:21

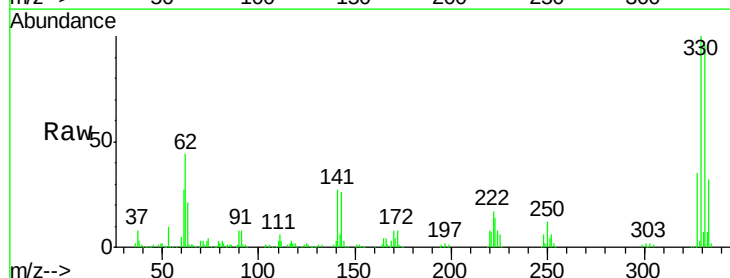
Tgt Ion:330 Resp: 300768

Ion Ratio Lower Upper

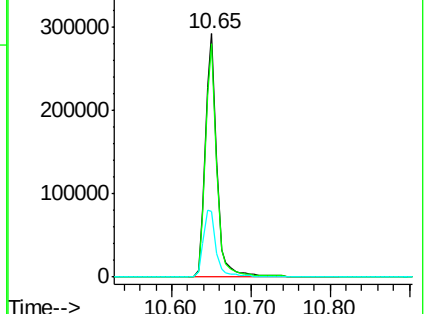
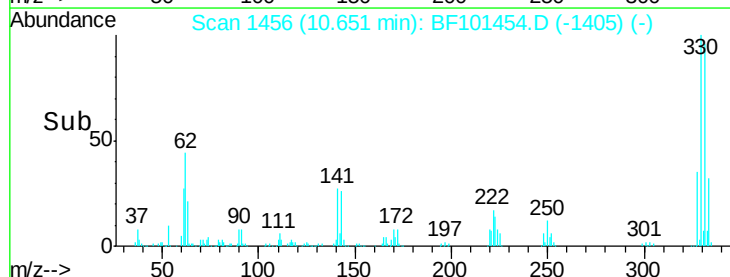
330 100

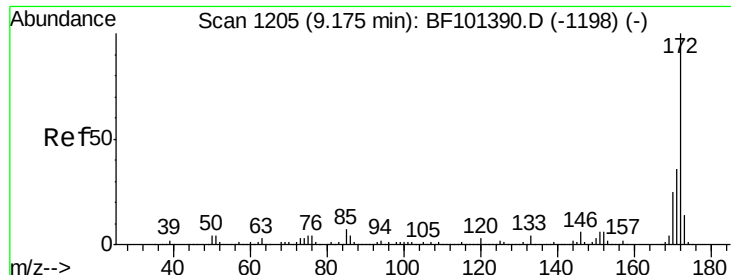
332 95.6 77.0 115.6

141 31.3 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

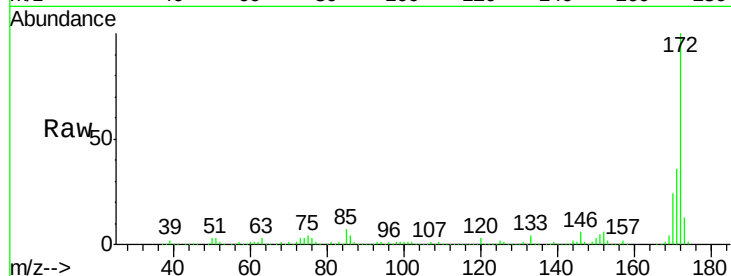




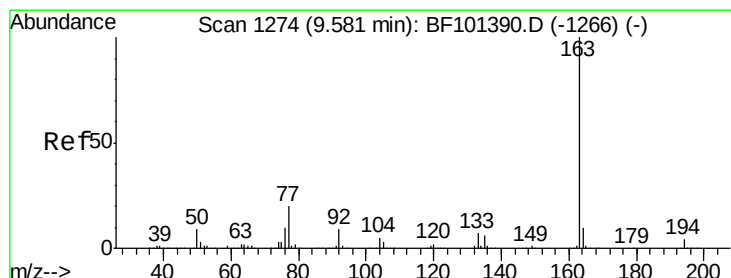
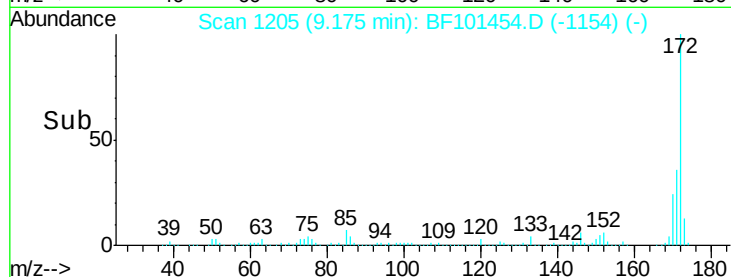
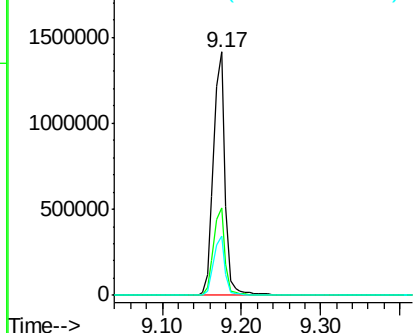
#44
2-Fluorobiphenyl
Concen: 76.753 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF101454.D
Acq: 15 Dec 2017 20:21

Instrument :
BNA_F
ClientSampleId :
GIS-1(0-3)

Tgt Ion:172 Resp: 1458817
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.4 19.6 29.4

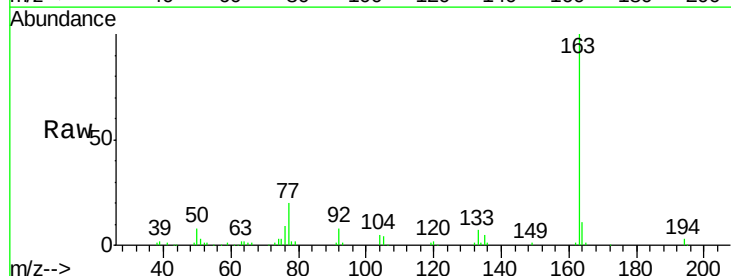


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

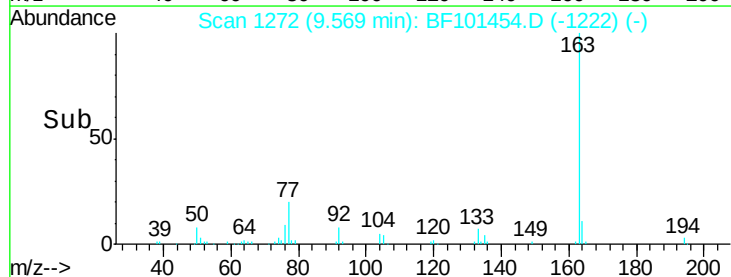
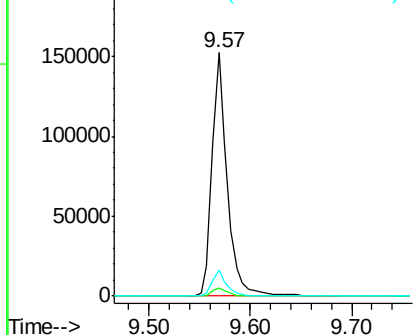


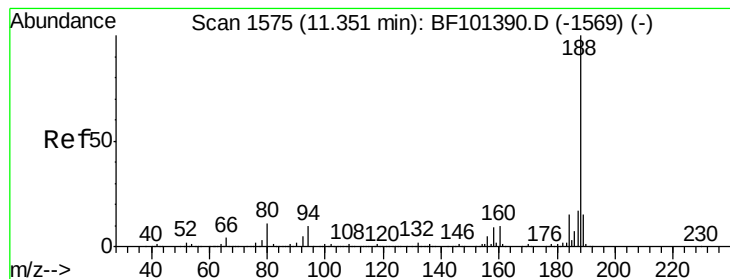
#49
Dimethylphthalate
Concen: 6.713 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101454.D
Acq: 15 Dec 2017 20:21

Tgt Ion:163 Resp: 159212
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 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: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF101454.D

Acq: 15 Dec 2017 20:21

Instrument :

BNA_F

ClientSampleId :

GIS-1(0-3)

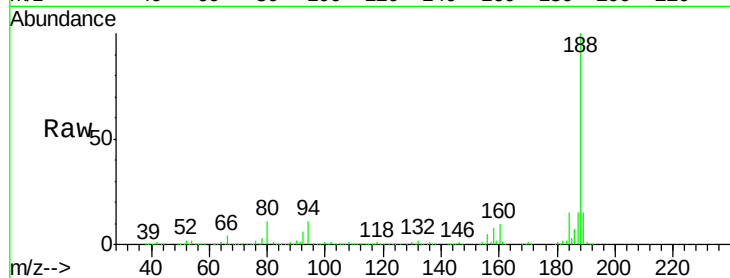
Tgt Ion:188 Resp: 503743

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

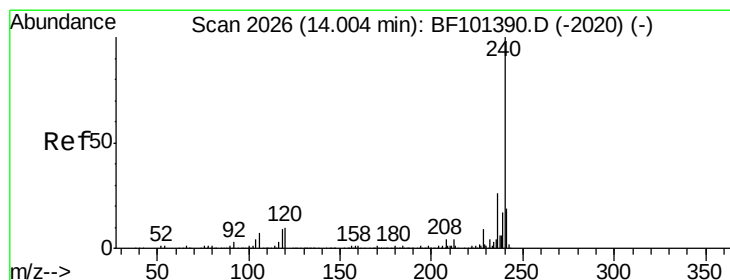
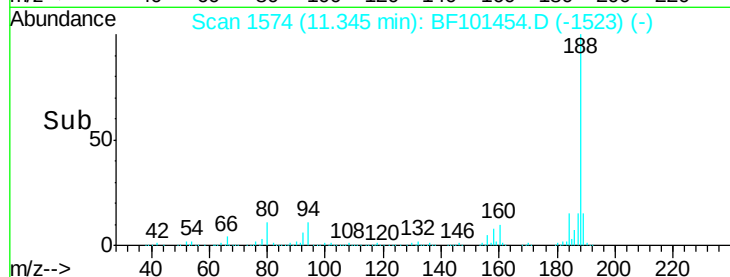
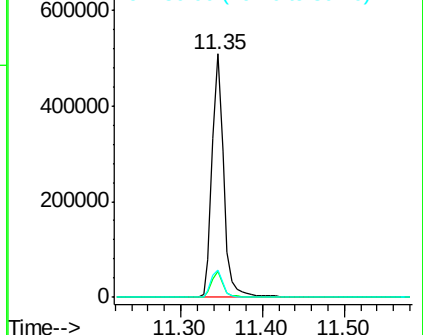
80 11.4 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101454.D

Acq: 15 Dec 2017 20:21

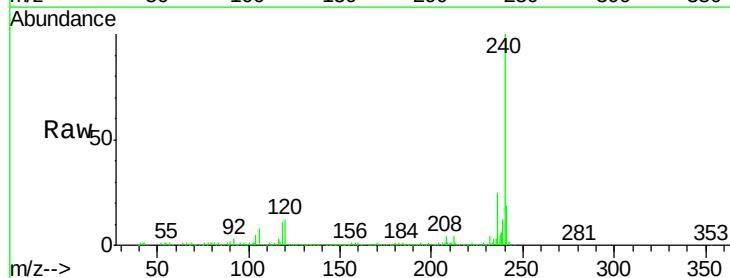
Tgt Ion:240 Resp: 351128

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

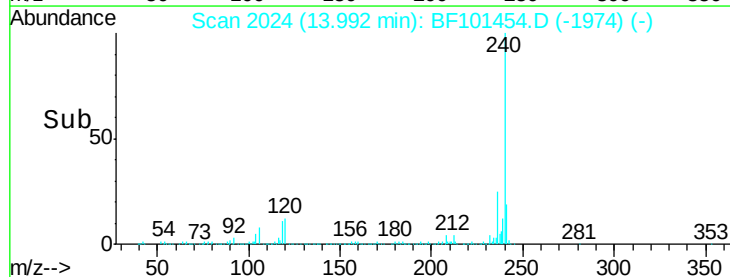
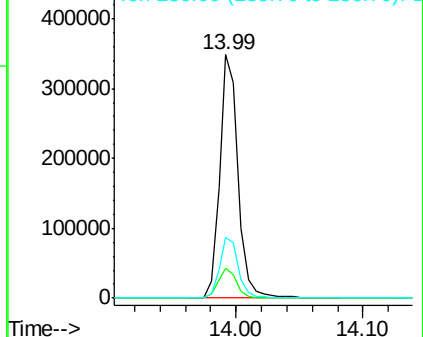
236 25.0 20.7 31.1

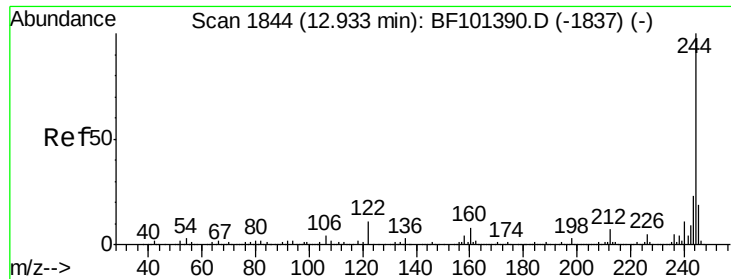


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

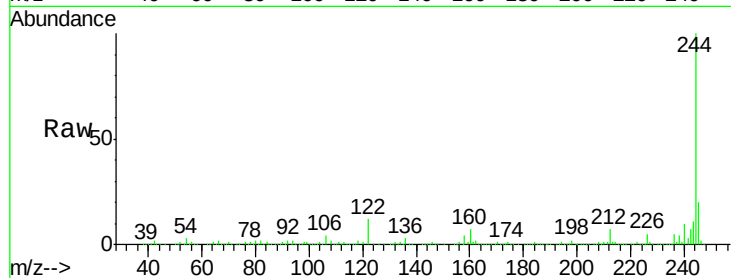




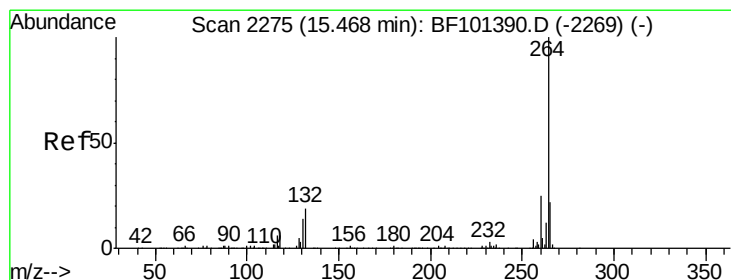
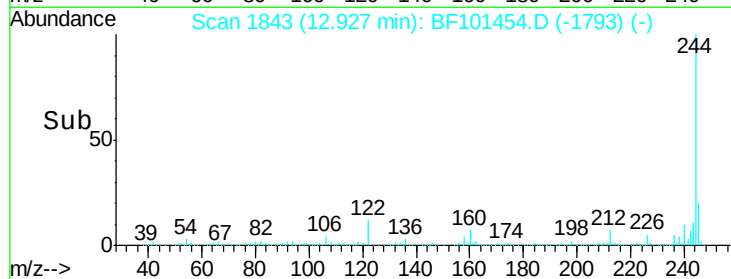
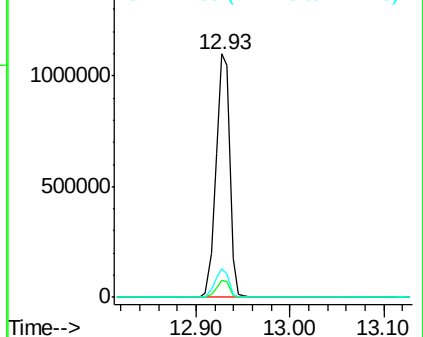
#78
 Terphenyl-d14
 Concen: 78.389 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF101454.D
 Acq: 15 Dec 2017 20:21

Instrument :
 BNA_F
 ClientSampled :
 GIS-1(0-3)

Tgt Ion:244 Resp: 1141735
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 11.9 11.0 16.4

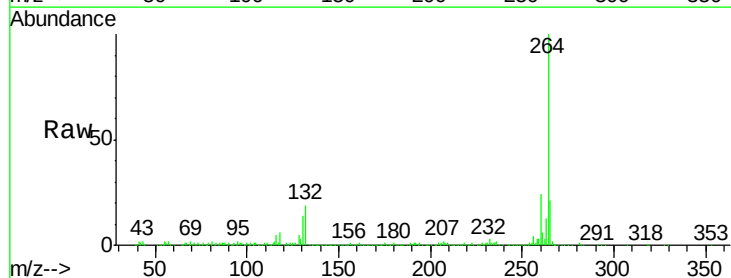


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BF101454.D
 Acq: 15 Dec 2017 20:21

Tgt Ion:264 Resp: 305685
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 20.7 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

