

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110296.D
 Acq On : 30 Oct 2018 8:36
 Operator : JU/SJ
 Sample : J5707-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-CON

Quant Time: Oct 30 09:34:26 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

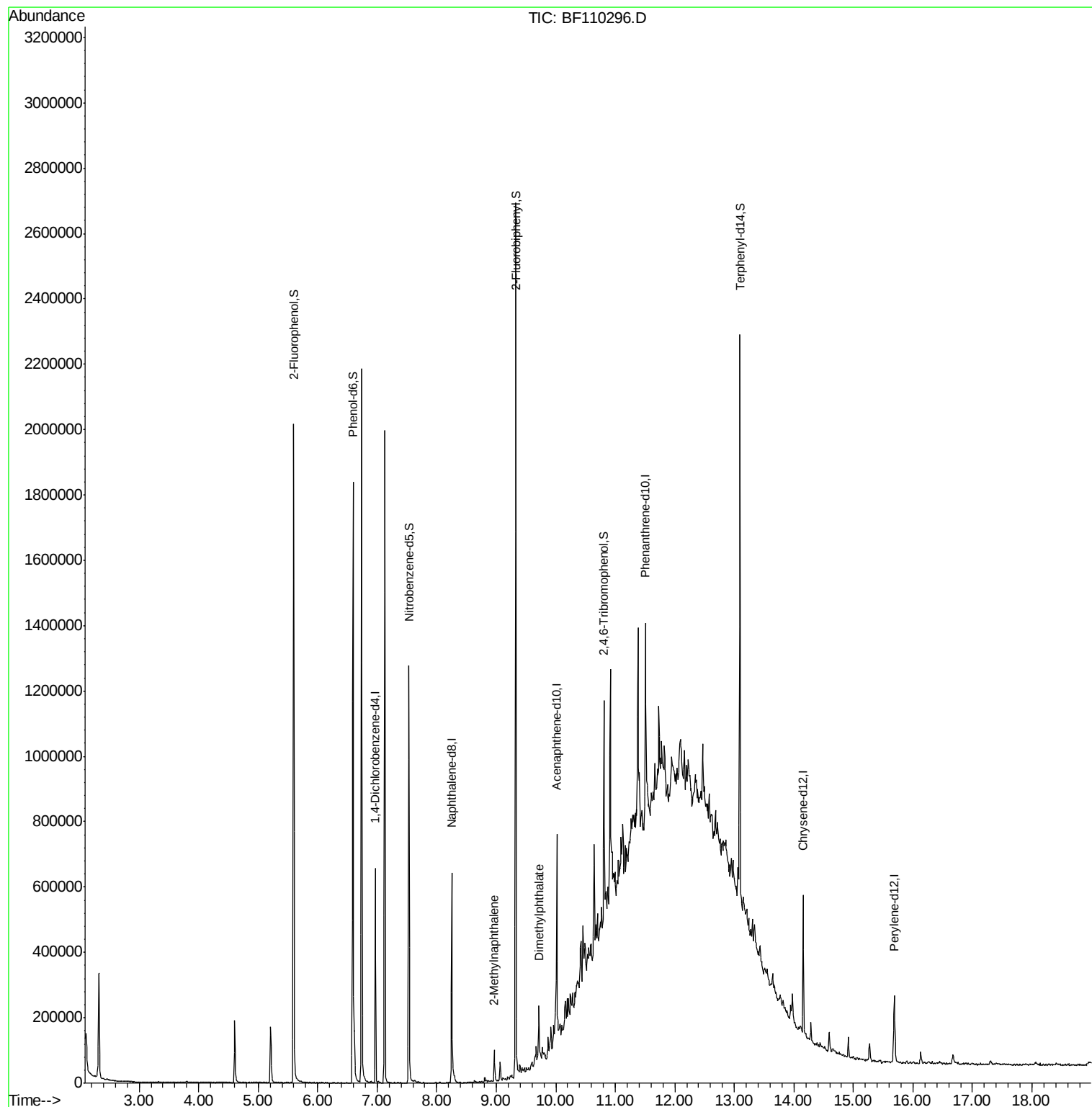
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	87324	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	322931	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	131116	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	194099	20.00	ng	0.00
76) Chrysene-d12	14.16	240	131650	20.00	ng	0.00
87) Perylene-d12	15.69	264	97311	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	565115	105.38	ng	0.01
7) Phenol-d6	6.59	99	701985	102.35	ng	0.00
23) Nitrobenzene-d5	7.53	82	413582	75.96	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	87820	67.62	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	799439	95.74	ng	0.00
79) Terphenyl-d14	13.09	244	588725	93.00	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.97	142	29341	2.980	ng	99
50) Dimethylphthalate	9.72	163	50549	5.223	ng	# 97

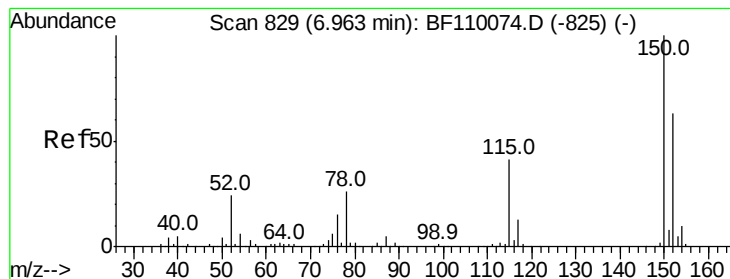
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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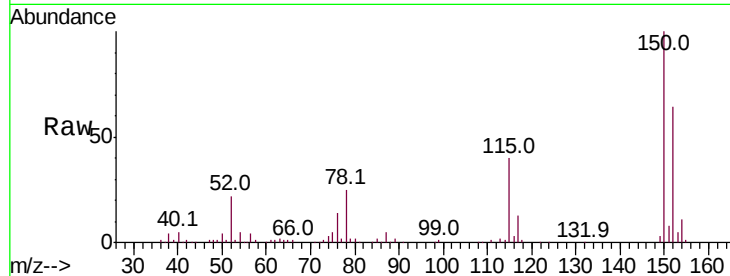


#1

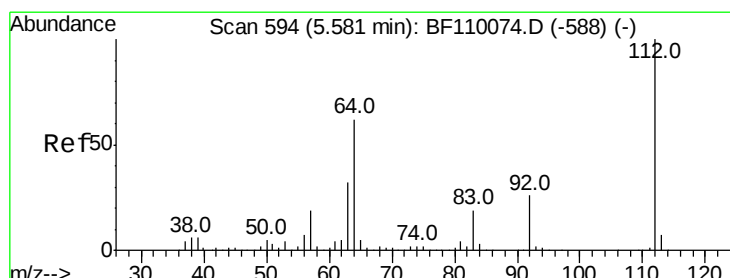
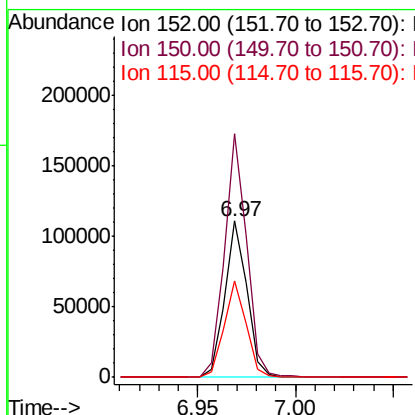
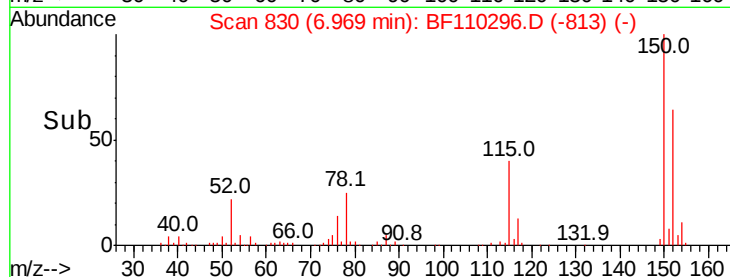
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :
DS-CON

Tot Ion:152 Resp: 87324
Ion Ratio Lower Upper
152 100
150 155.8 122.7 184.1
115 61.7 49.1 73.7



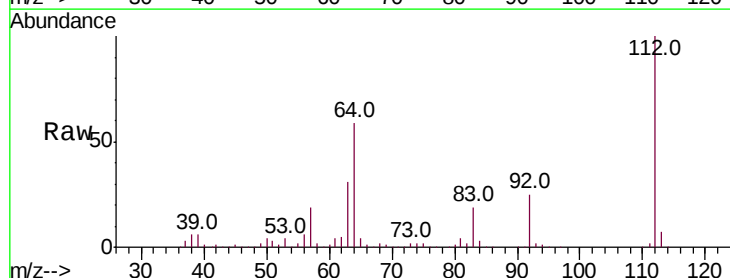
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



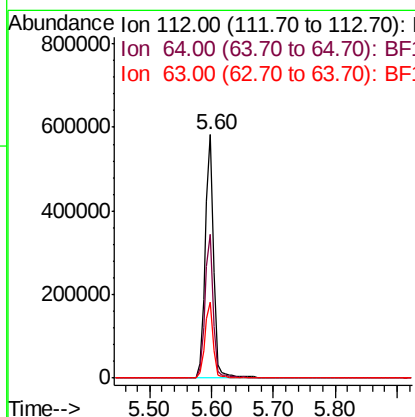
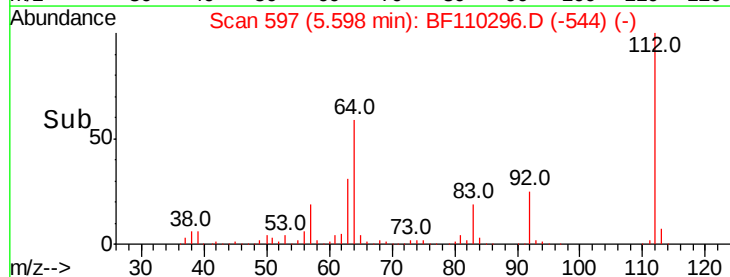
#5

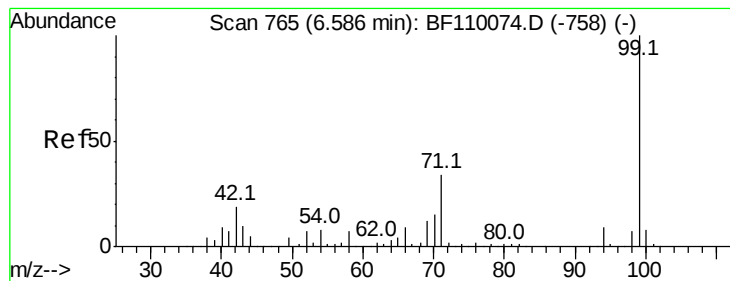
2-Fluorophenol
Concen: 105.385 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Tgt Ion:112 Resp: 565115
Ion Ratio Lower Upper
112 100
64 59.3 44.1 66.1
63 31.4 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: 102.346 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF110296.D

Acq: 30 Oct 2018 8:36

Instrument :

BNA_F

ClientSampleId :

DS-CON

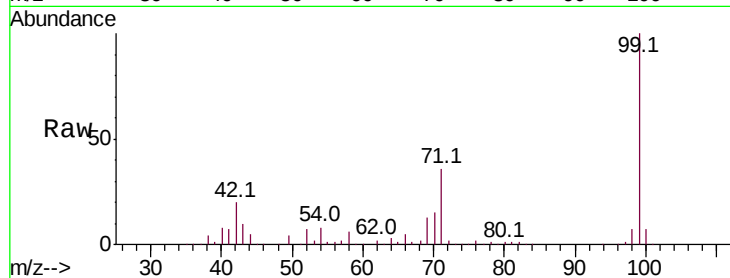
Tot Ion: 99 Resp: 701985

Ion Ratio Lower Upper

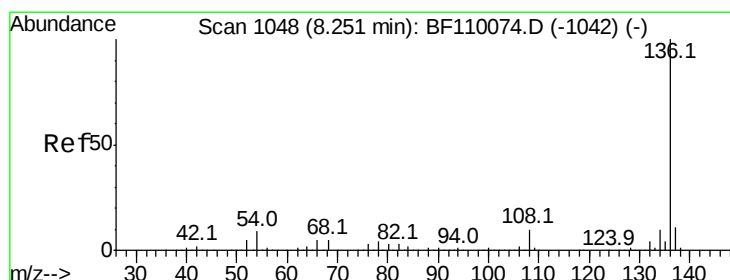
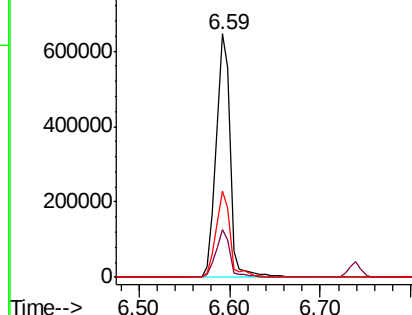
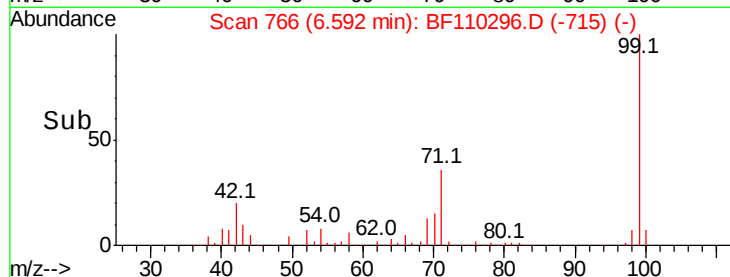
99 100

42 19.7 15.8 23.6

71 35.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110296.D

Acq: 30 Oct 2018 8:36

Tgt Ion: 136 Resp: 322931

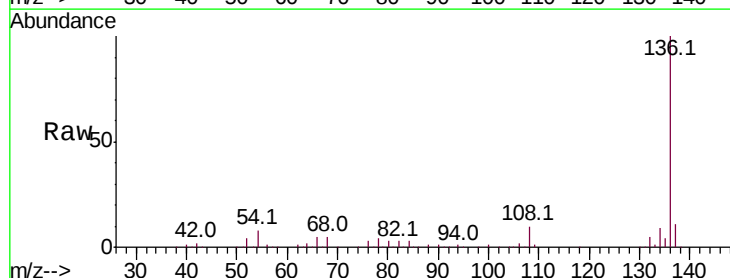
Ion Ratio Lower Upper

136 100

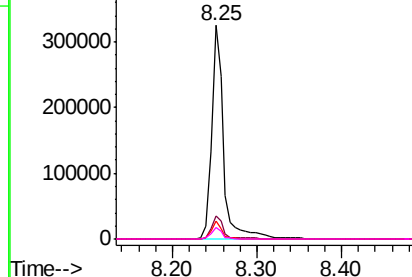
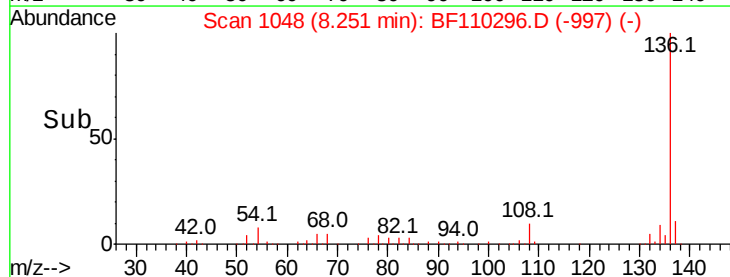
137 10.7 8.8 13.2

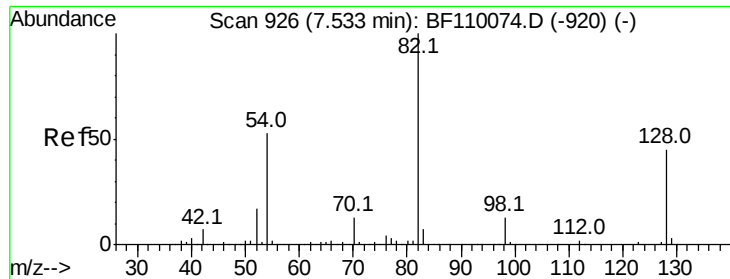
54 8.1 5.4 8.2

68 5.2 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

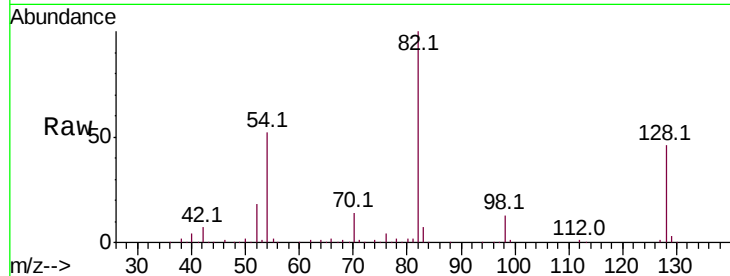




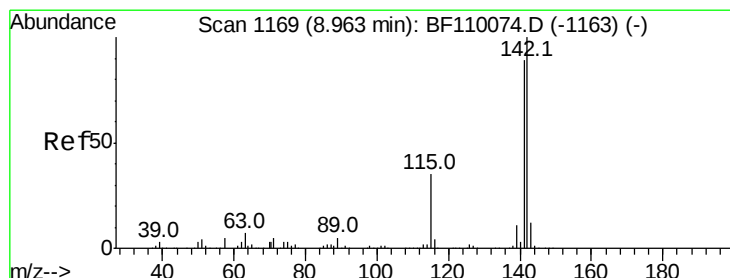
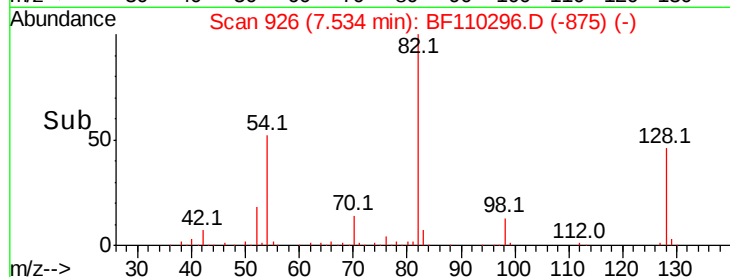
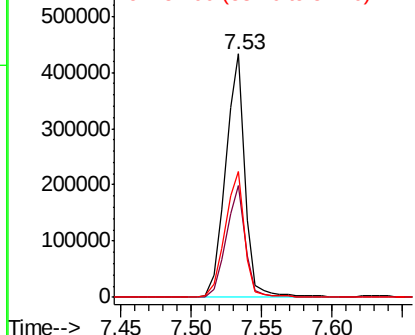
#23
Nitrobenzene-d5
Concen: 75.963 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :
DS-CON

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.2	51.2
54	51.6	38.6	58.0

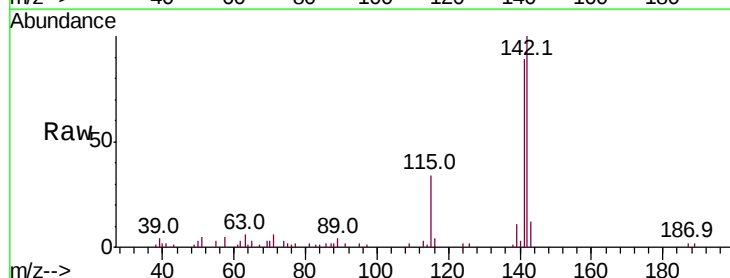


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

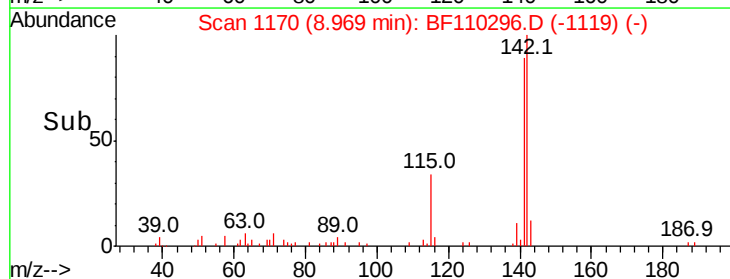
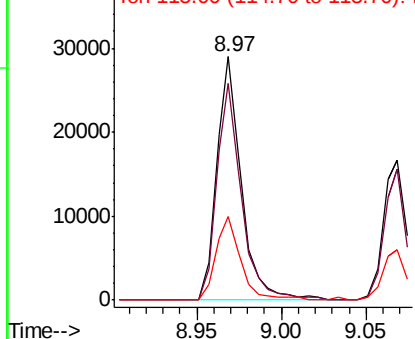


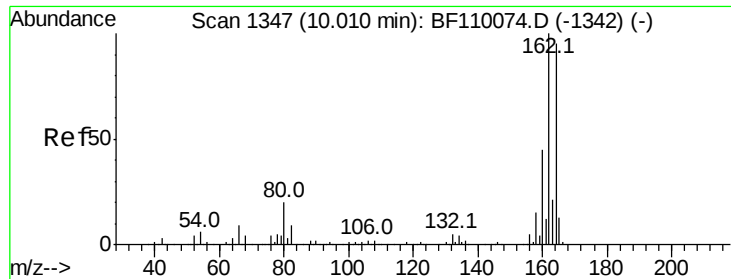
#37
2-Methylnaphthalene
Concen: 2.980 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	34.2	28.7	43.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

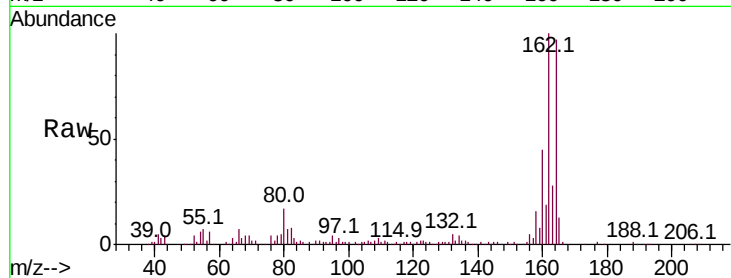




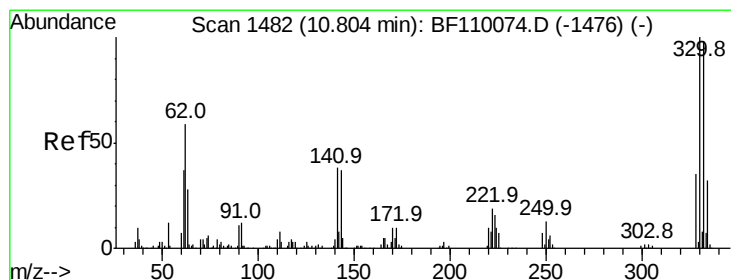
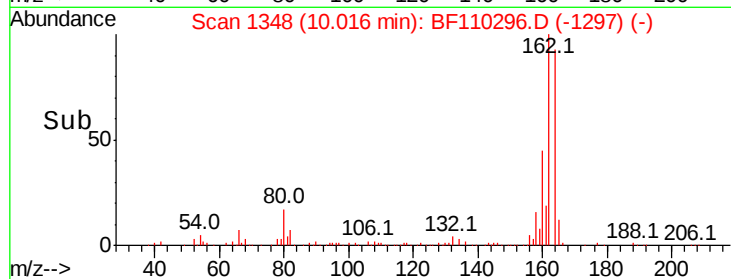
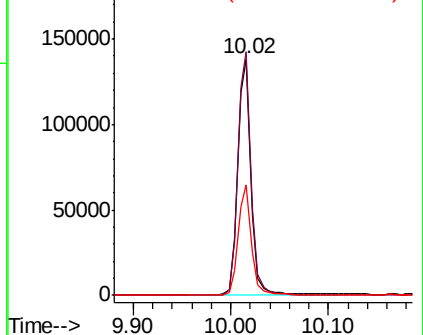
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF110296.D
 Acq: 30 Oct 2018 8:36

Instrument :
 BNA_F
 ClientSampleId :
 DS-CON

Tot Ion:164 Resp: 131116
 Ion Ratio Lower Upper
 164 100
 162 103.1 83.0 124.6
 160 46.7 37.0 55.6

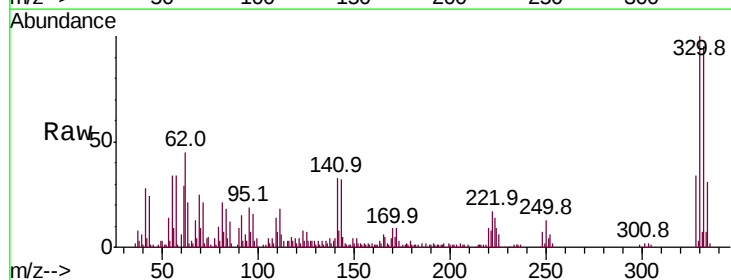


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

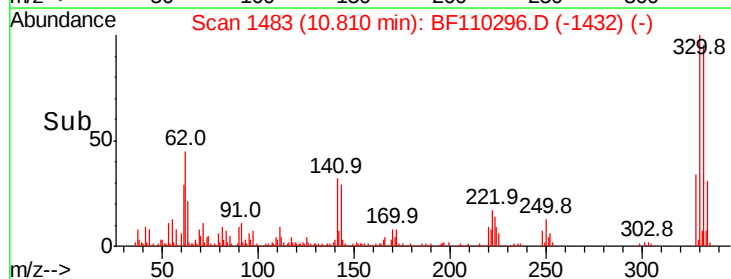
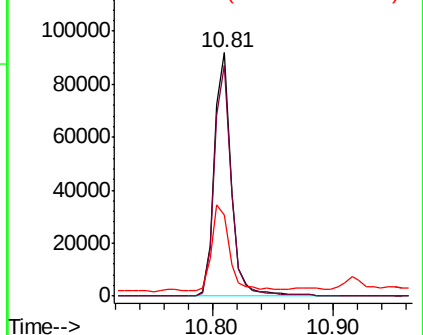


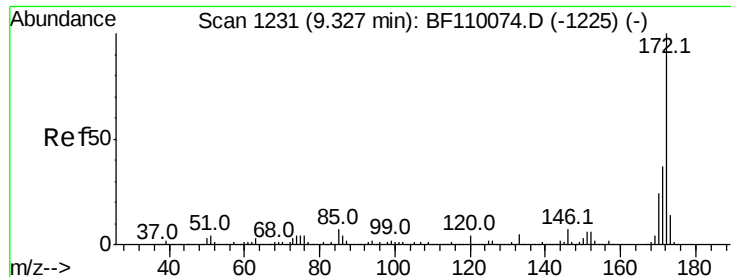
#42
 2,4,6-Tribromophenol
 Concen: 67.617 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF110296.D
 Acq: 30 Oct 2018 8:36

Tgt Ion:330 Resp: 87820
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.1 115.7
 141 36.7 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

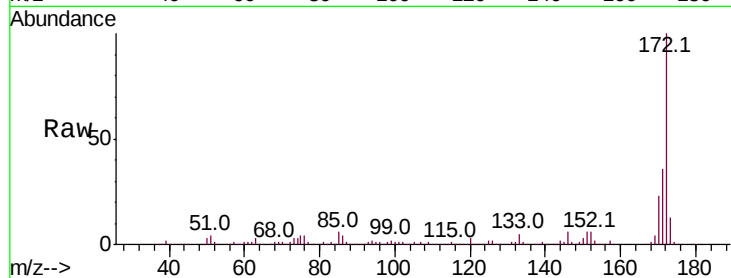




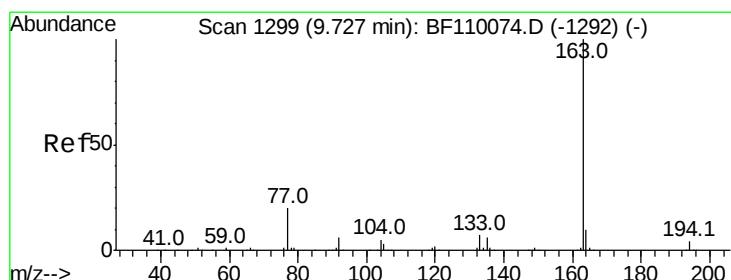
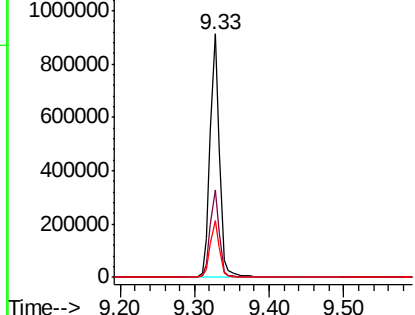
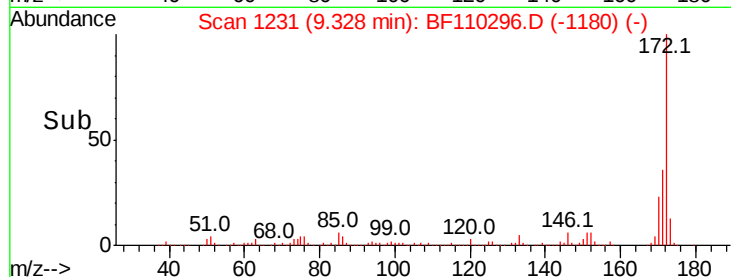
#45
2-Fluorobiphenyl
Concen: 95.742 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :
DS-CON

Tot Ion:172 Resp: 799439
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.3 19.7 29.5

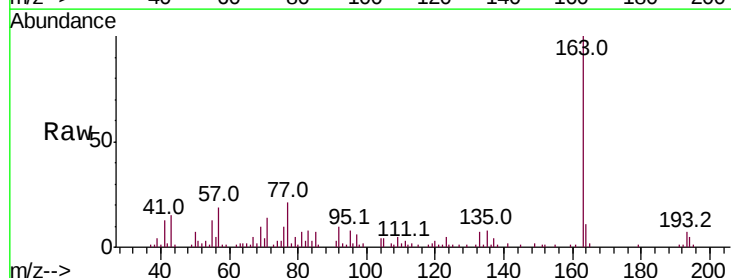


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

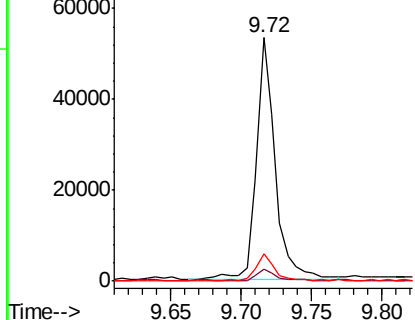
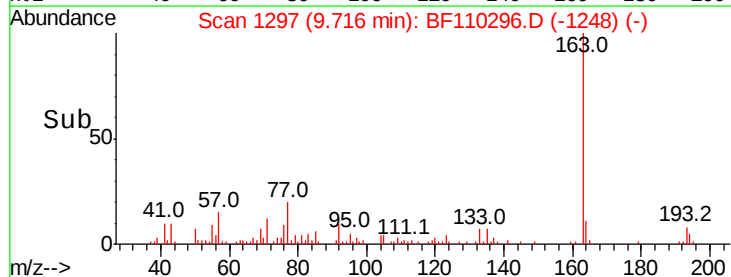


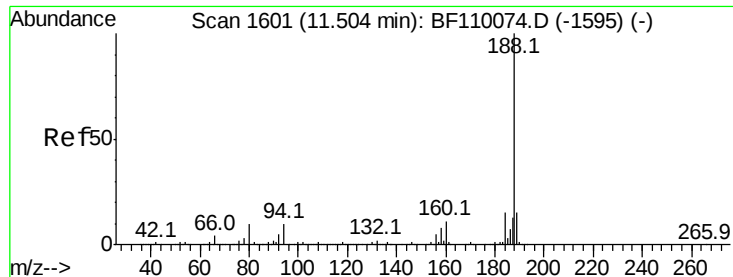
#50
Dimethylphthalate
Concen: 5.223 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Tgt Ion:163 Resp: 50549
Ion Ratio Lower Upper
163 100
194 4.9 3.2 4.8#
164 11.1 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: 11.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF110296.D

Acq: 30 Oct 2018 8:36

Instrument :

BNA_F

ClientSampleId :

DS-CON

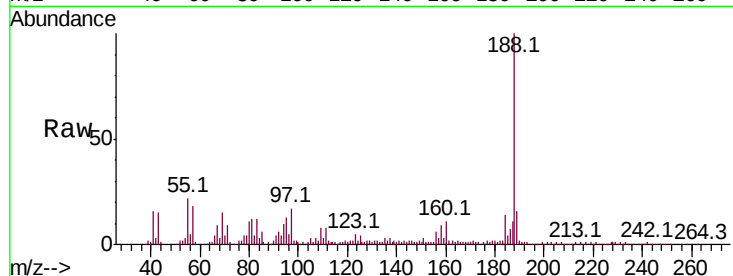
Tot Ion:188 Resp: 194099

Ion Ratio Lower Upper

188 100

94 10.5 7.2 10.8

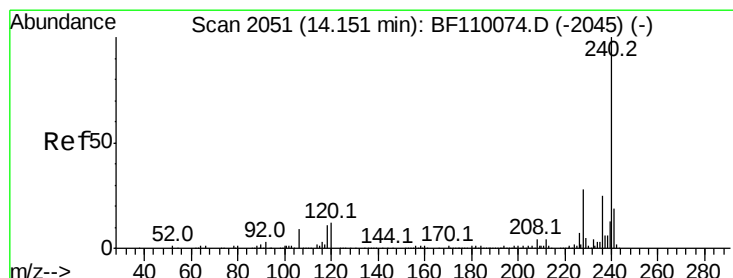
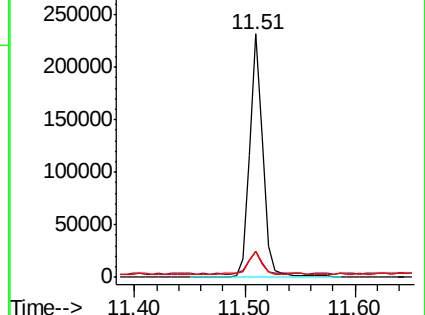
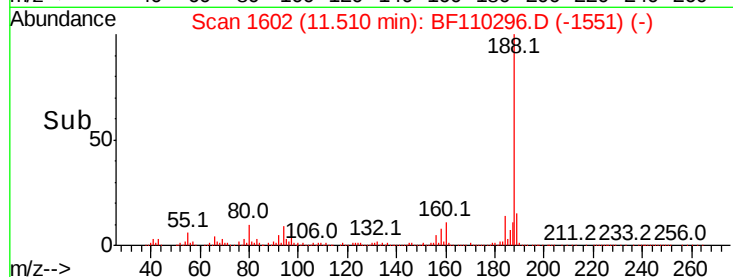
80 10.7 7.9 11.9



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: 14.16 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BF110296.D

Acq: 30 Oct 2018 8:36

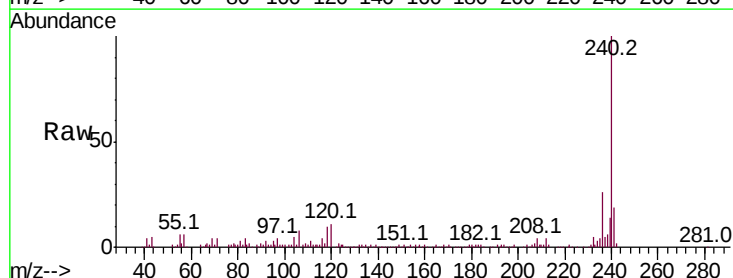
Tgt Ion:240 Resp: 131650

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

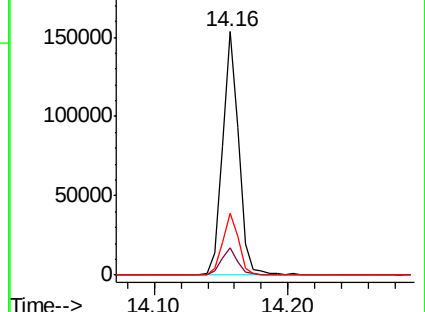
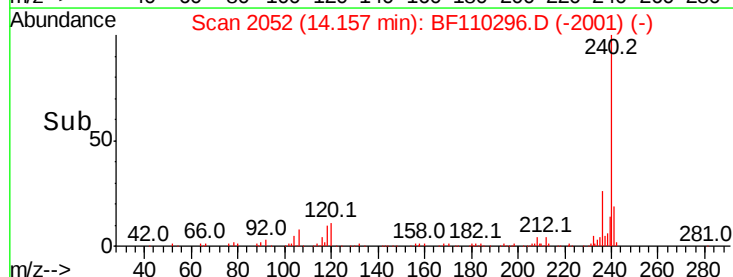
236 25.6 21.2 31.8

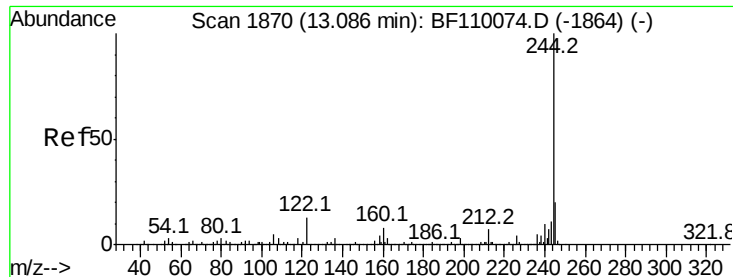


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.002 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF110296.D

Acq: 30 Oct 2018 8:36

Instrument :

BNA_F

ClientSampleId :

DS-CON

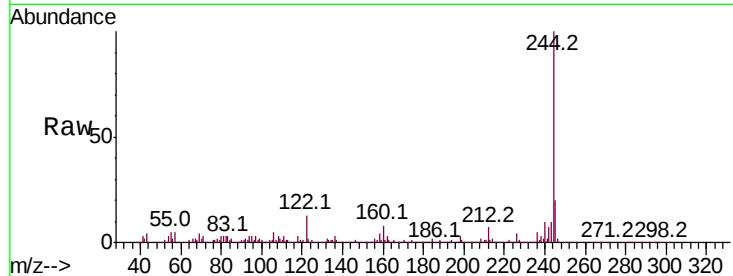
Tot Ion:244 Resp: 588725

Ion Ratio Lower Upper

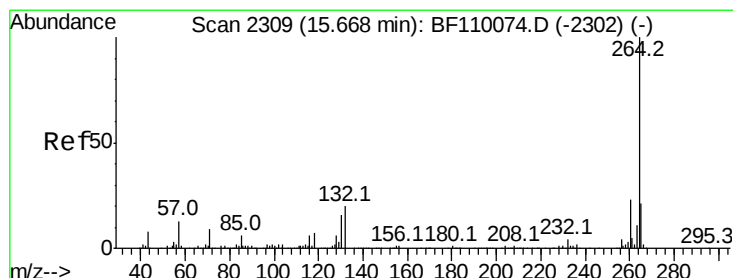
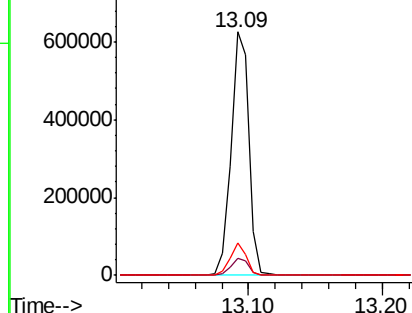
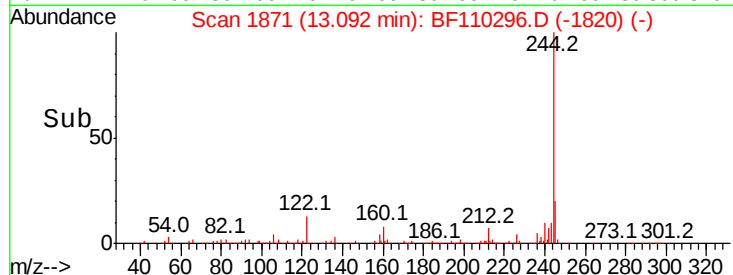
244 100

212 7.0 5.8 8.8

122 13.1 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# 2313

Delta R.T. 0.01 min

Lab File: BF110296.D

Acq: 30 Oct 2018 8:36

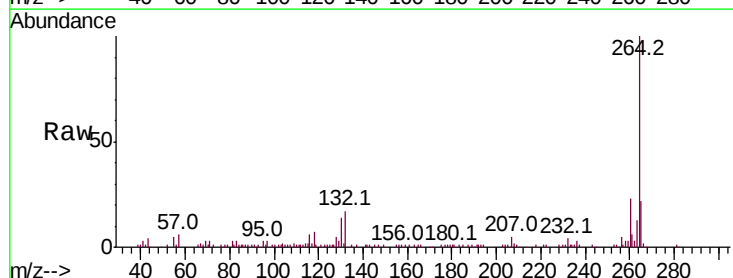
Tgt Ion:264 Resp: 97311

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.8 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

