

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099983.D
 Acq On : 31 Oct 2017 2:28
 Operator : SJ/JU
 Sample : I6083-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102017-TIFR-F-U-M

Quant Time: Oct 31 04:33:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

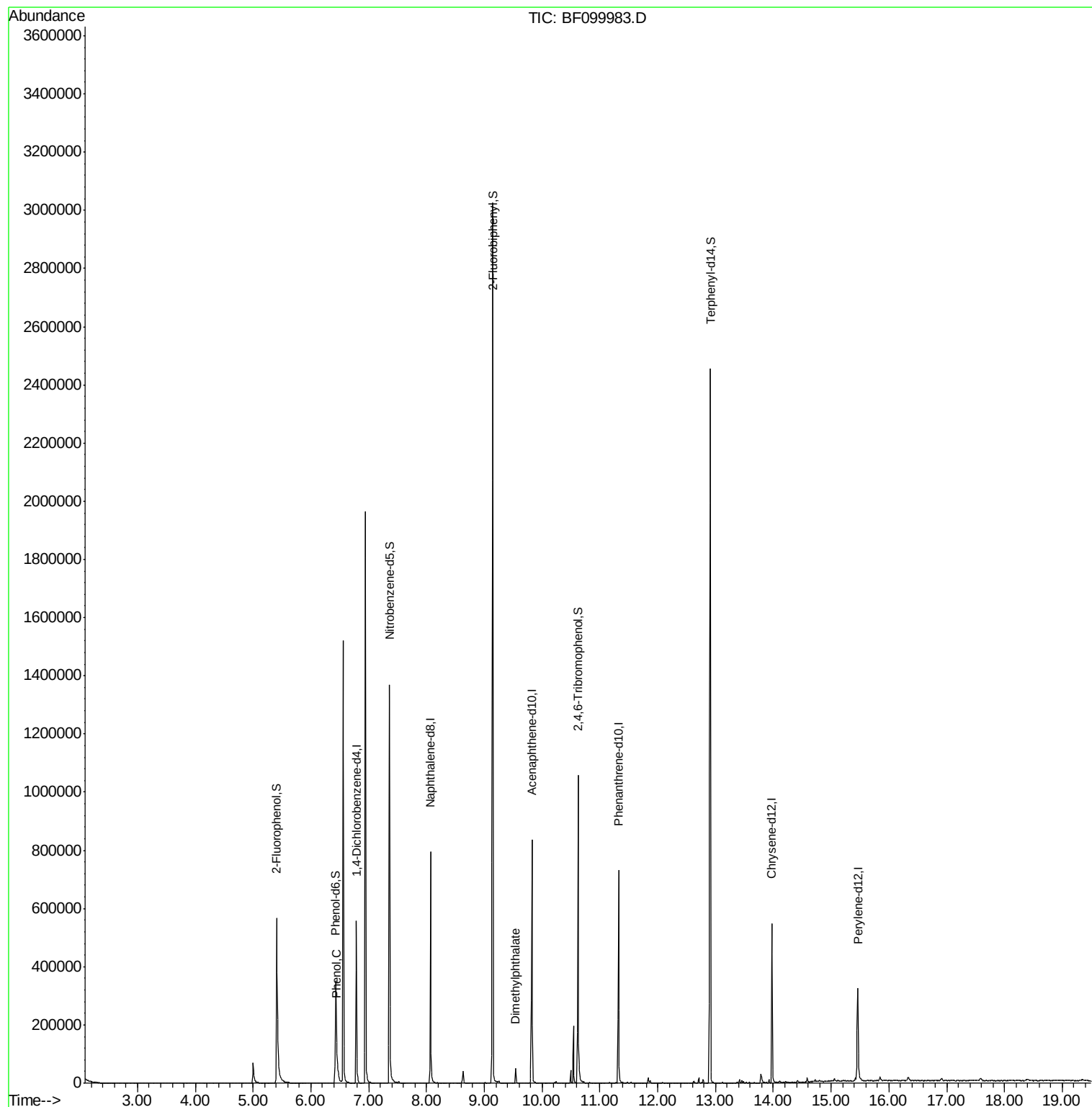
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	92445	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	371693	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	168233	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	296115	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	195278	20.00	ng	-0.02
86) Perylene-d12	15.46	264	171354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	263845	44.81	ng	0.00
7) Phenol-d6	6.43	99	199863	28.63	ng	-0.01
23) Nitrobenzene-d5	7.36	82	518397	89.79	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	137377	89.61	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1009928	92.62	ng	-0.01
78) Terphenyl-d14	12.91	244	872551	97.65	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	18761	2.447	ng	95
49) Dimethylphthalate	9.54	163	27747	2.083	ng	99

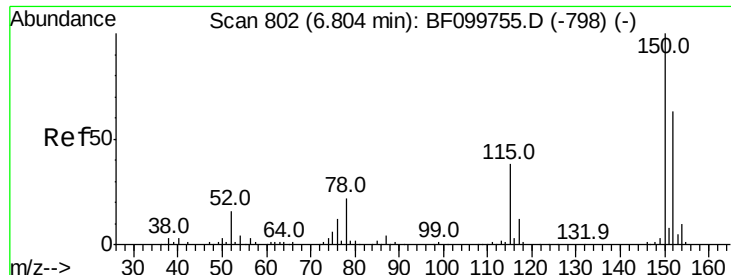
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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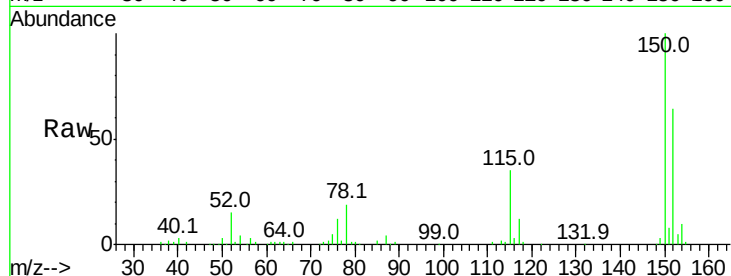


#1

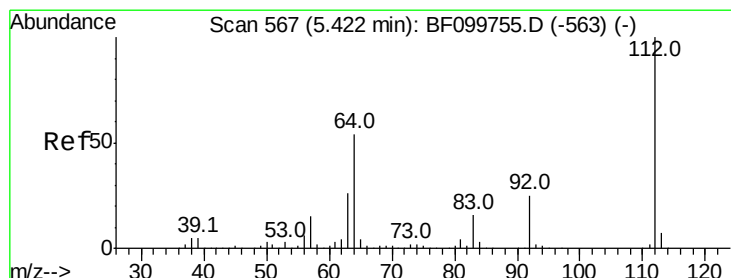
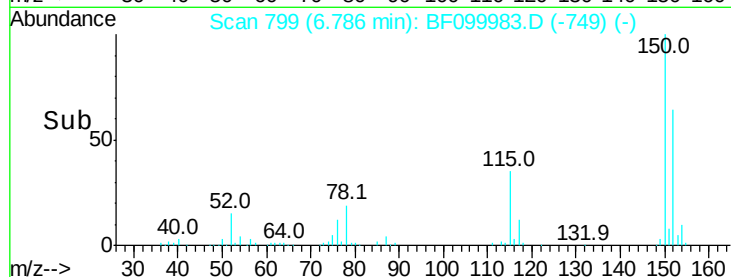
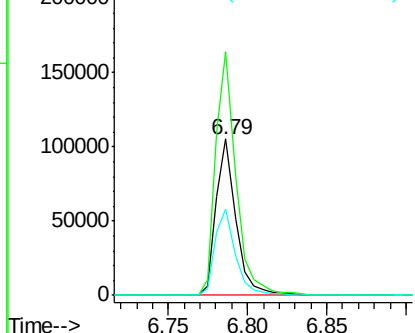
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099983.D
Acq: 31 Oct 2017 2:28

Instrument :
BNA_F
ClientSampleId :
102017-TIFR-F-U-M

Tot Ion:152 Resp: 92445
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 55.2 50.1 75.1



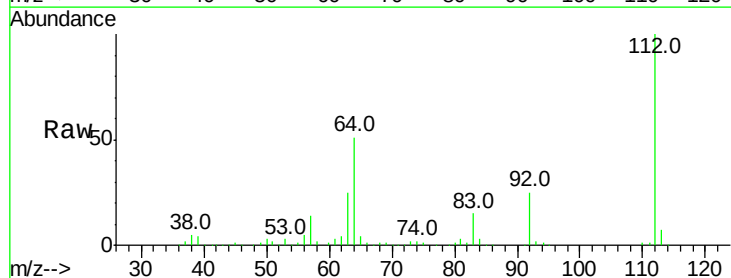
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



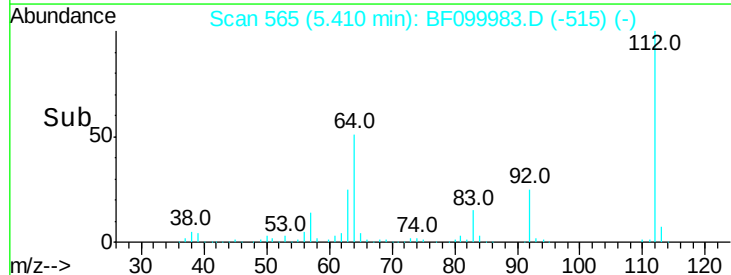
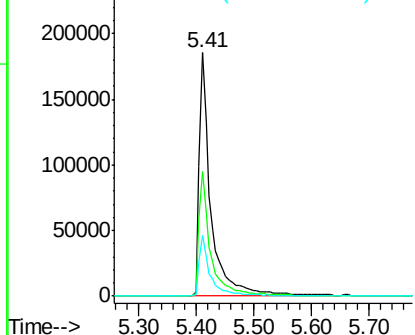
#5

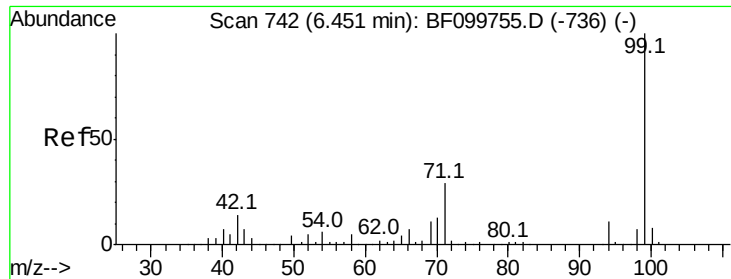
2-Fluorophenol
Concen: 44.808 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099983.D
Acq: 31 Oct 2017 2:28

Tgt Ion:112 Resp: 263845
Ion Ratio Lower Upper
112 100
64 51.2 47.9 71.9
63 25.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.626 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099983.D

Acq: 31 Oct 2017 2:28

Instrument :

BNA_F

ClientSampleId :

102017-TIFR-F-U-M

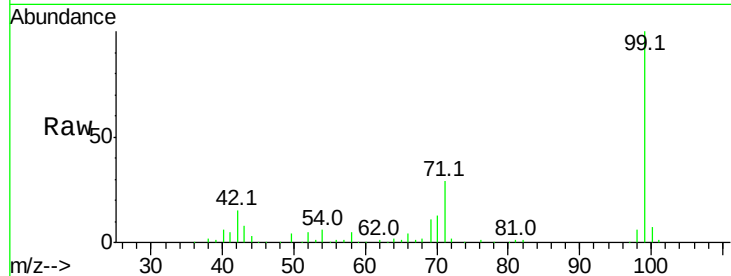
Tot Ion: 99 Resp: 199863

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

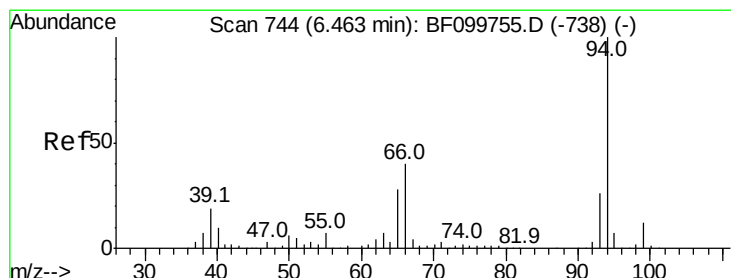
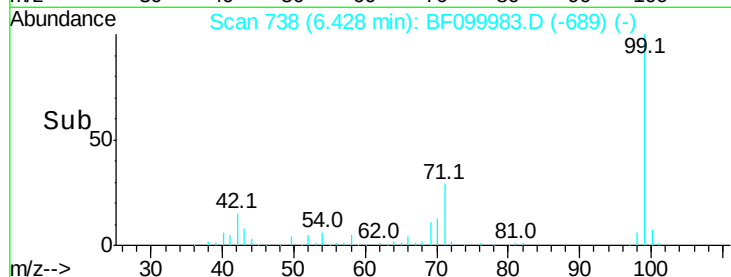
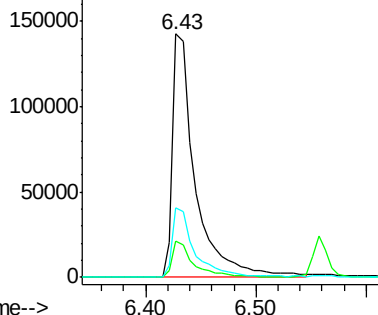
71 28.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.447 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099983.D

Acq: 31 Oct 2017 2:28

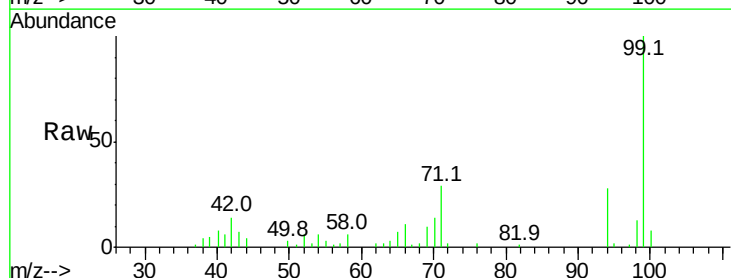
Tgt Ion: 94 Resp: 18761

Ion Ratio Lower Upper

94 100

65 24.8 7.9 47.9

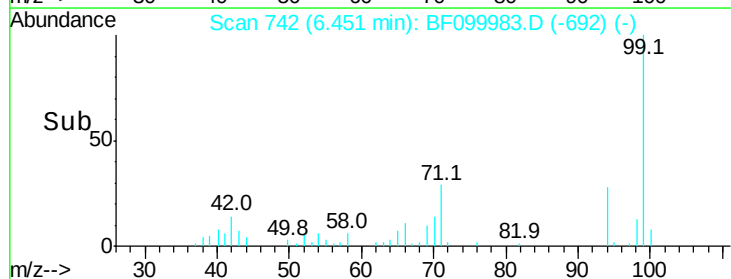
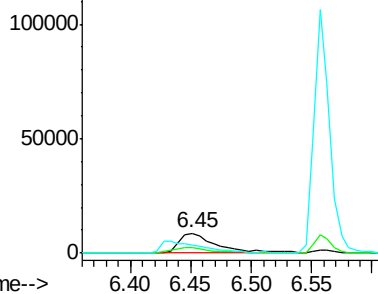
66 38.8 16.2 56.2

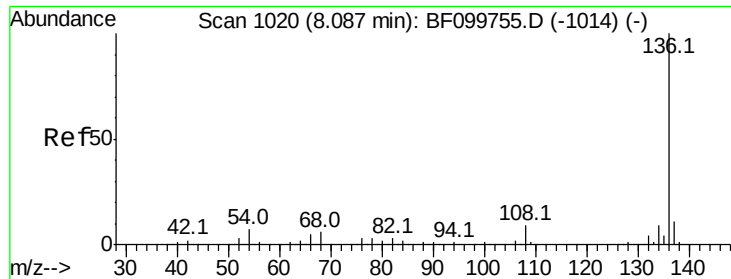


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

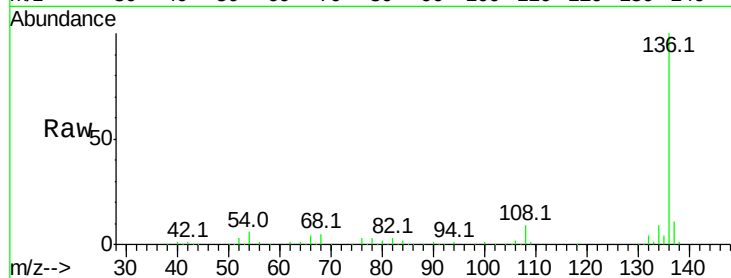




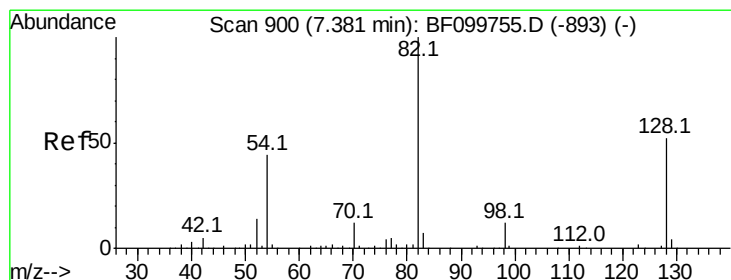
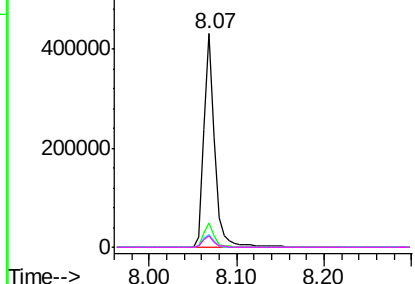
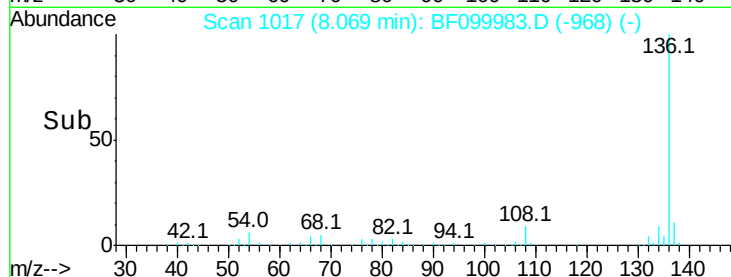
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099983.D
Acq: 31 Oct 2017 2:28

Instrument :
BNA_F
ClientSampleId :
102017-TIFR-F-U-M

Tot Ion:	136	Resp:	371693
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.2	6.6	9.8#
68	5.5	5.0	7.4

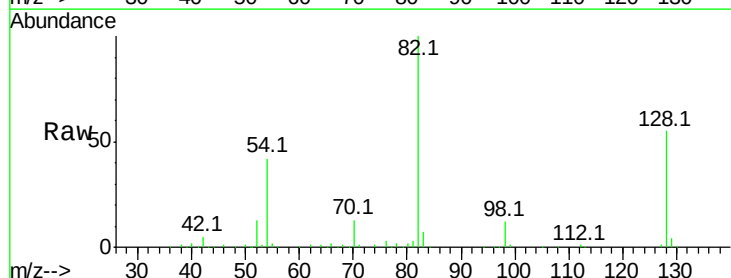


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

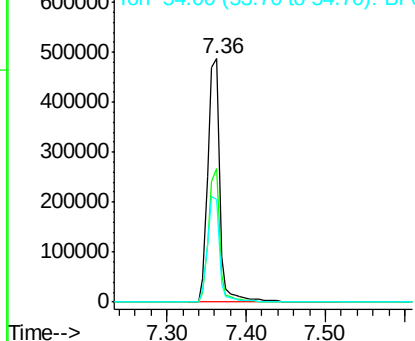
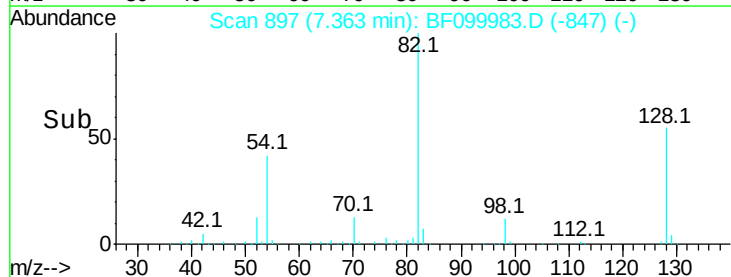


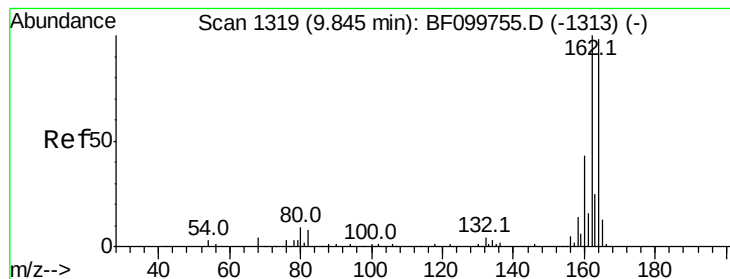
#23
Nitrobenzene-d5
Concen: 89.791 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099983.D
Acq: 31 Oct 2017 2:28

Tgt Ion:	82	Resp:	518397
Ion	Ratio	Lower	Upper
82	100		
128	55.1	36.1	54.1#
54	42.4	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF099983.D

Acq: 31 Oct 2017 2:28

Instrument :

BNA_F

ClientSampleId :

102017-TIFR-F-U-M

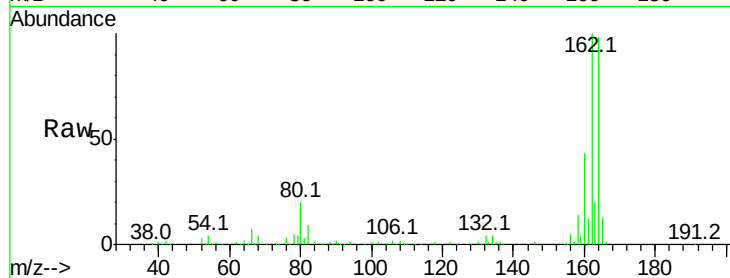
Tot Ion:164 Resp: 168233

Ion Ratio Lower Upper

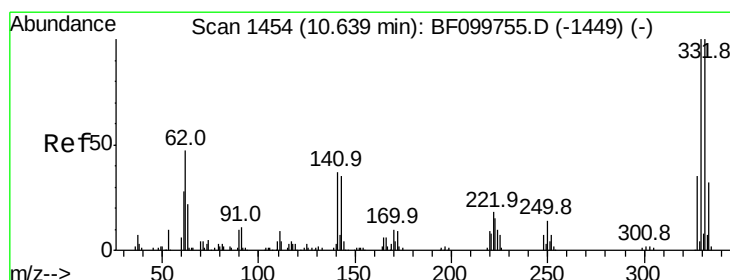
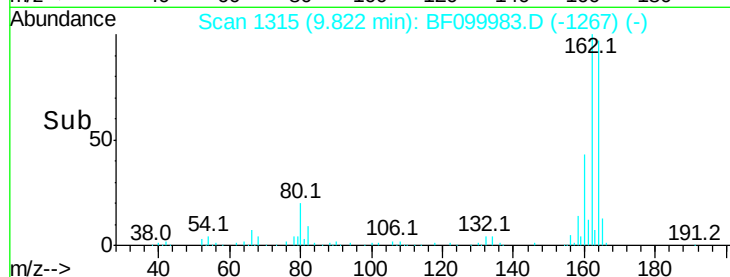
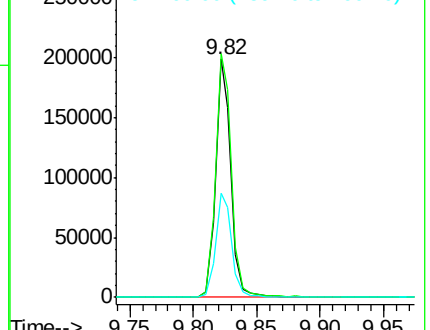
164 100

162 102.3 86.1 129.1

160 44.0 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: 89.605 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.02 min

Lab File: BF099983.D

Acq: 31 Oct 2017 2:28

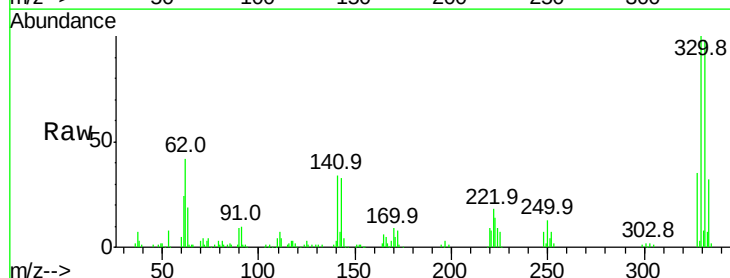
Tgt Ion:330 Resp: 137377

Ion Ratio Lower Upper

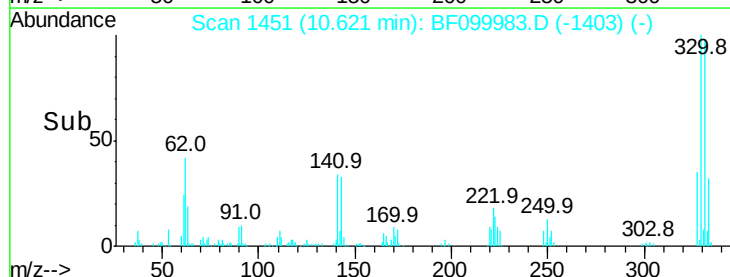
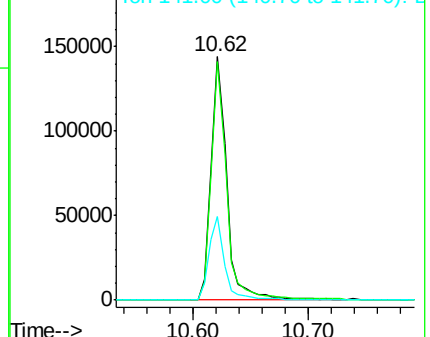
330 100

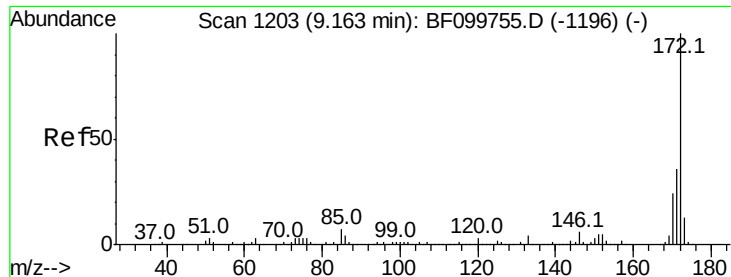
332 97.1 77.0 115.6

141 34.4 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

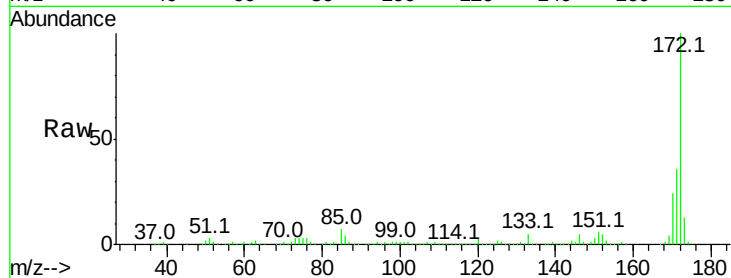




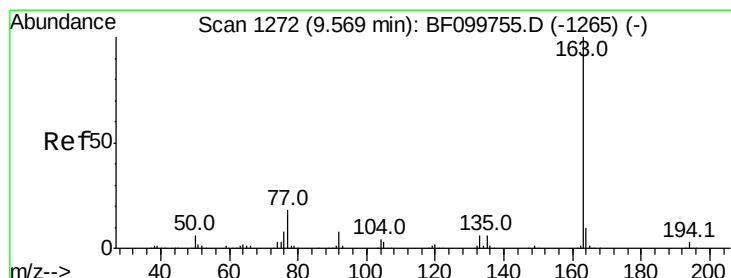
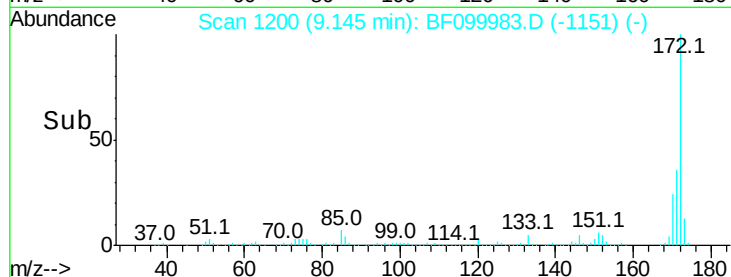
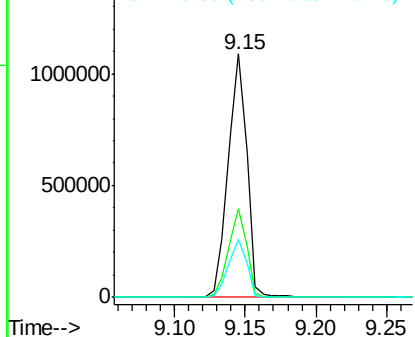
#44
2-Fluorobiphenyl
Concen: 92.619 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099983.D
Acq: 31 Oct 2017 2:28

Instrument :
BNA_F
ClientSampleId :
102017-TIFR-F-U-M

Tot Ion:172 Resp: 1009928
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.8 19.6 29.4

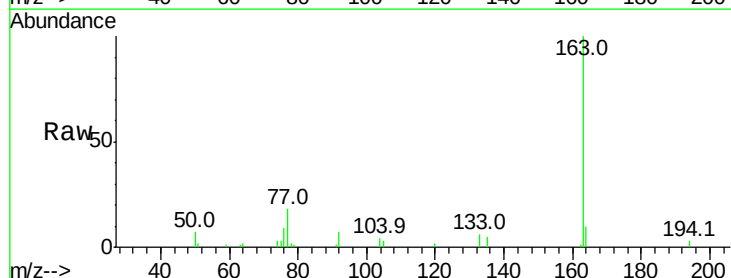


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

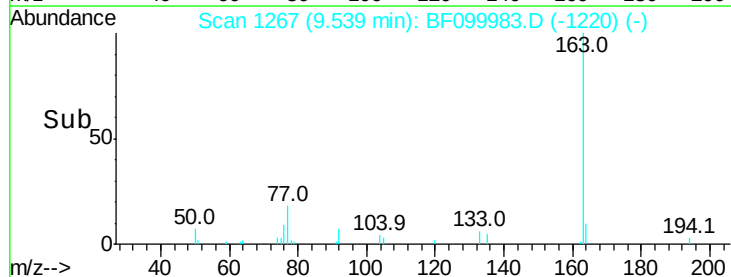
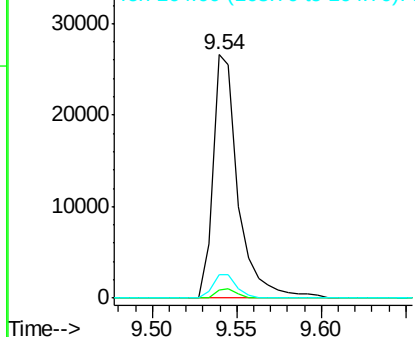


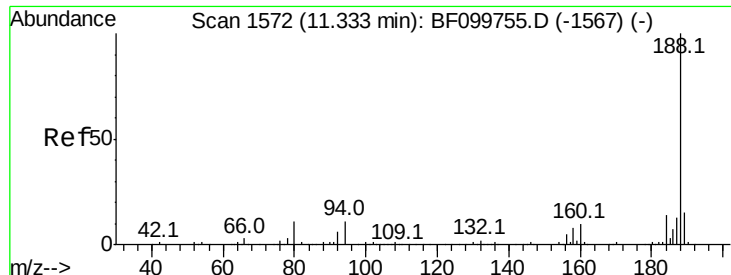
#49
Dimethylphthalate
Concen: 2.083 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099983.D
Acq: 31 Oct 2017 2:28

Tgt Ion:163 Resp: 27747
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.9 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

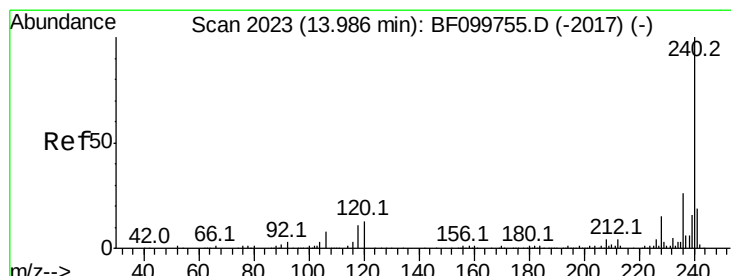
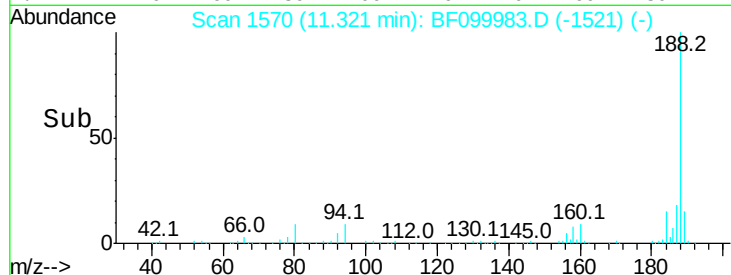
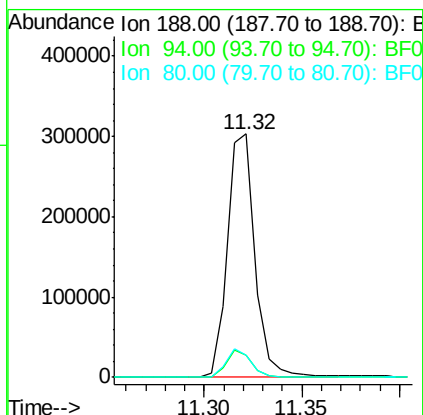
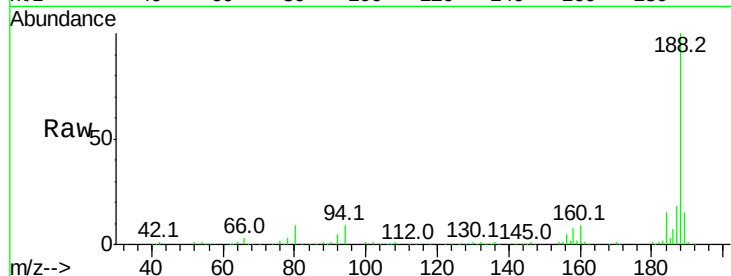




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF099983.D
Acq: 31 Oct 2017 2:28

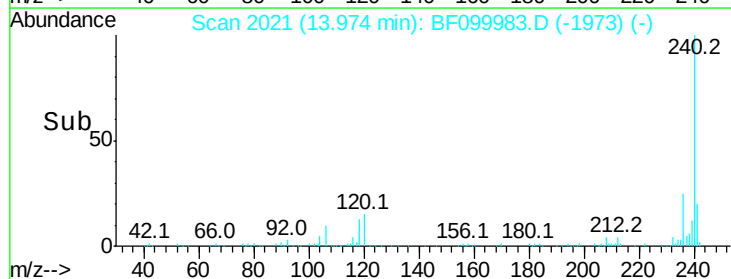
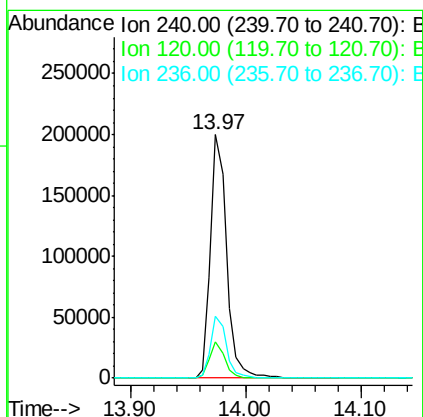
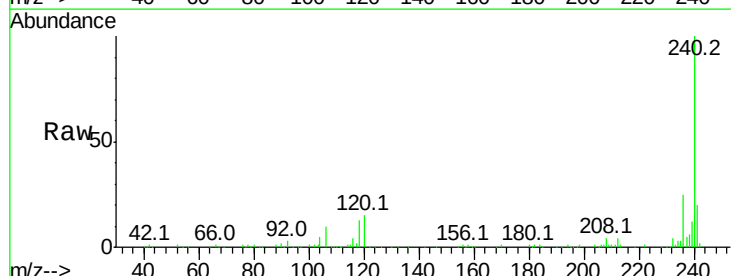
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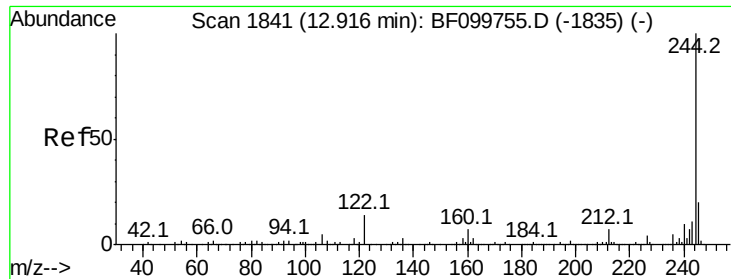
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.2	9.2	13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF099983.D
Acq: 31 Oct 2017 2:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	25.2	20.7	31.1

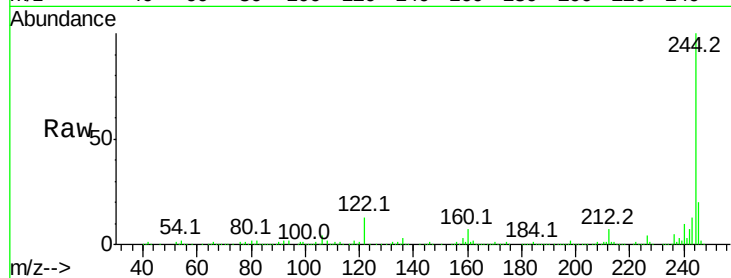




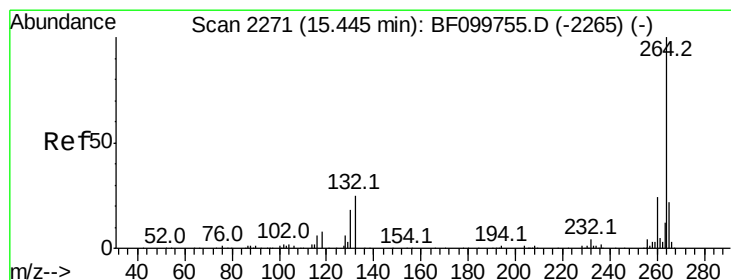
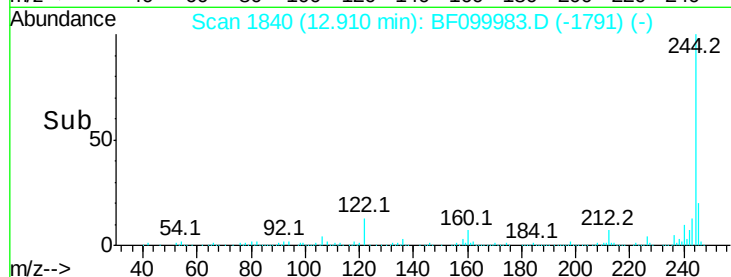
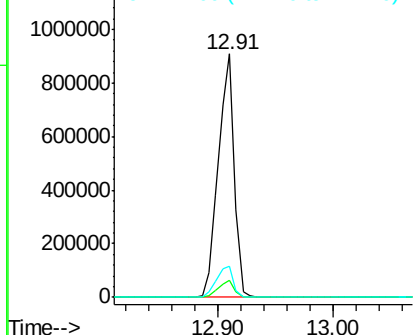
#78
 Terphenyl-d14
 Concen: 97.648 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099983.D
 Acq: 31 Oct 2017 2:28

Instrument :
 BNA_F
 ClientSampleId :
 102017-TIFR-F-U-M

Tot Ion:244 Resp: 872551
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.6 11.0 16.4

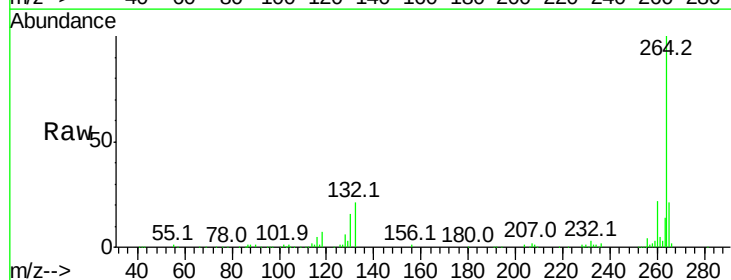


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF099983.D
 Acq: 31 Oct 2017 2:28

Tgt Ion:264 Resp: 171354
 Ion Ratio Lower Upper
 264 100
 260 22.4 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

