

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
 Data File : BM018555.D
 Acq On : 14 Jan 2019 17:23
 Operator : JU/SJ
 Sample : K1131-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 14 23:29:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

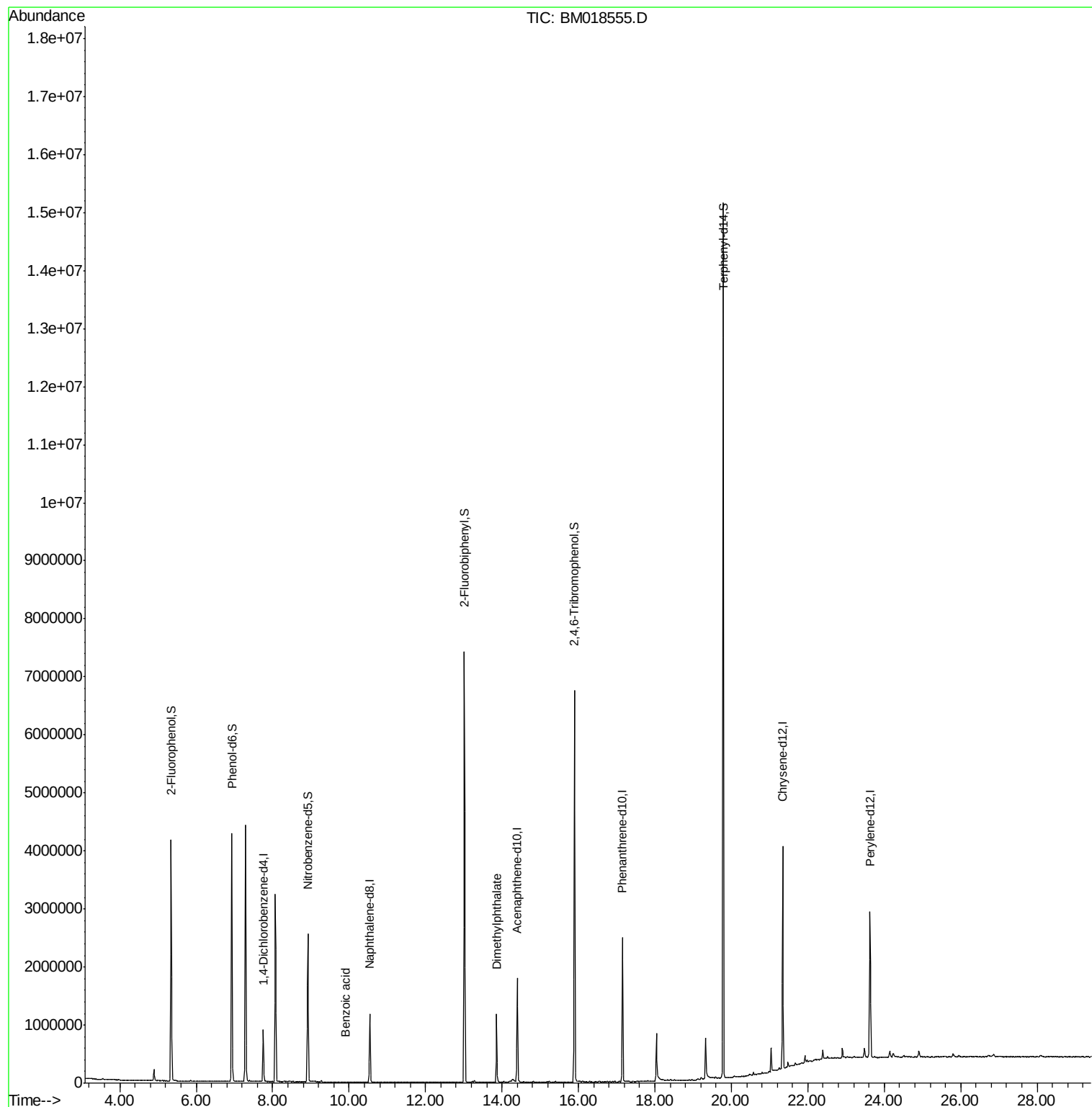
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	242543	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	986560	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	602687	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	1447657	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1655562	20.00	ng	0.00
87) Perylene-d12	23.63	264	1801960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1782767	135.72	ng	0.00
7) Phenol-d6	6.93	99	2401673	143.96	ng	0.00
23) Nitrobenzene-d5	8.92	82	1418931	83.38	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1187383	154.73	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3867040	83.72	ng	0.00
79) Terphenyl-d14	19.79	244	6778286	86.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	390	Below Cal		Qvalue # 1
32) Benzoic acid	9.91	122	113	6.514	ng	84
50) Dimethylphthalate	13.86	163	805442	16.273	ng	99

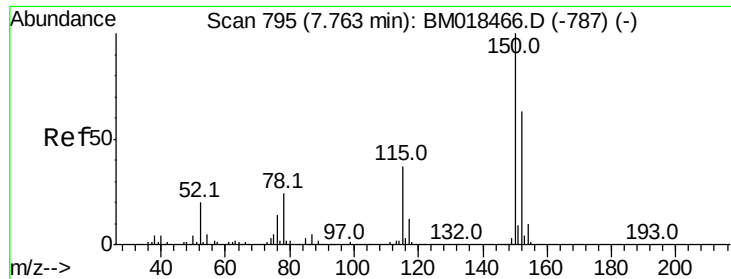
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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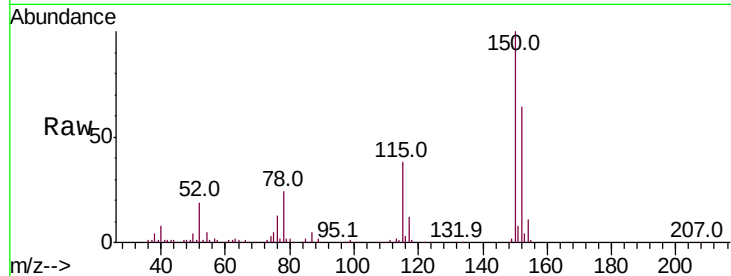


#1

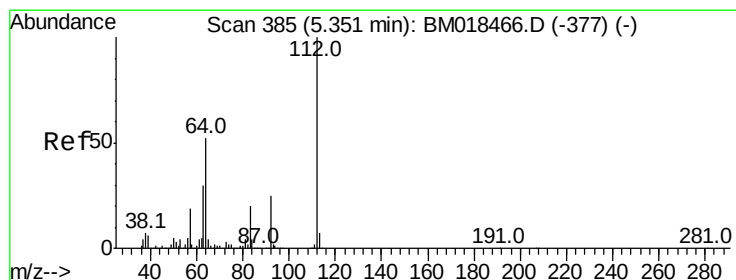
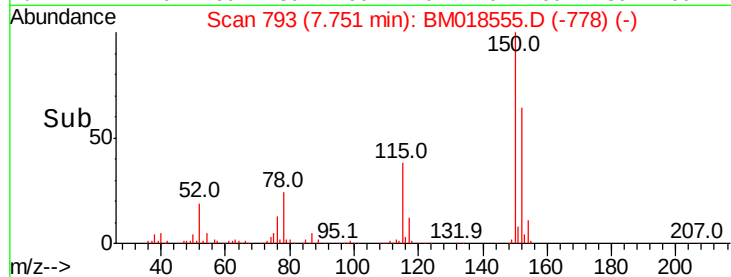
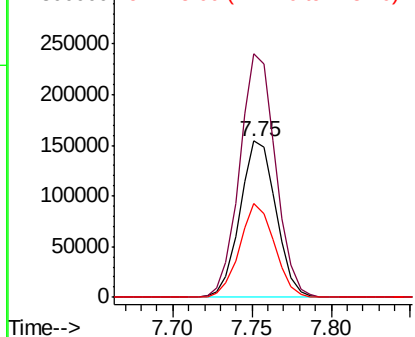
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018555.D
Acq: 14 Jan 2019 17:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 242543
Ion Ratio Lower Upper
152 100
150 156.1 126.9 190.3
115 60.1 45.5 68.3



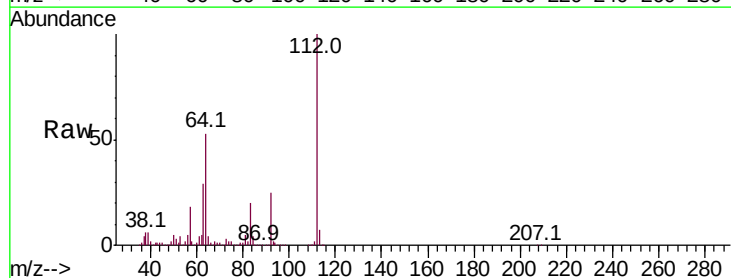
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



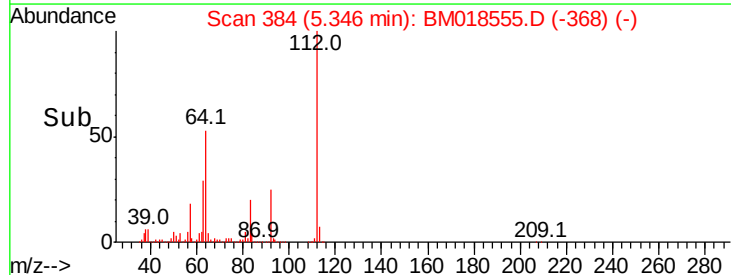
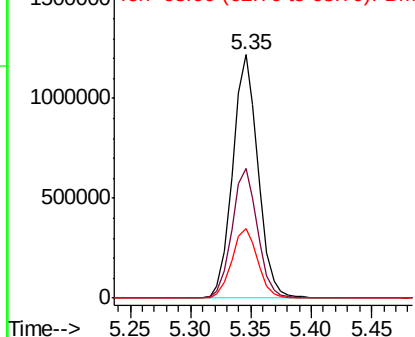
#5

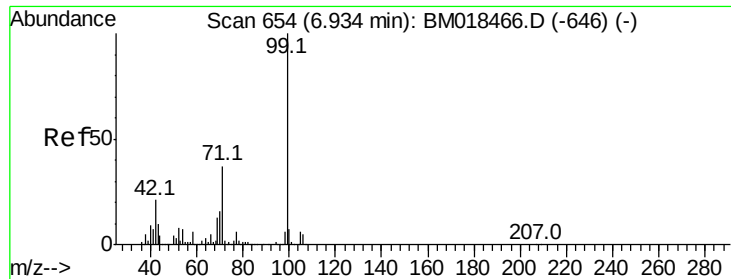
2-Fluorophenol
Concen: 135.723 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018555.D
Acq: 14 Jan 2019 17:23

Tgt Ion:112 Resp: 1782767
Ion Ratio Lower Upper
112 100
64 53.3 46.5 69.7
63 28.7 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 143.955 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM018555.D

Acq: 14 Jan 2019 17:23

Instrument :

BNA_M

ClientSampleId :

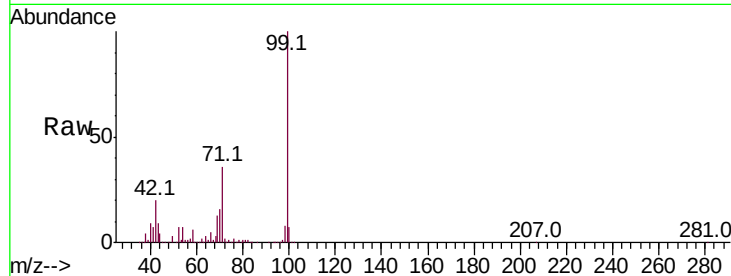
Tot Ion: 99 Resp: 2401673

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

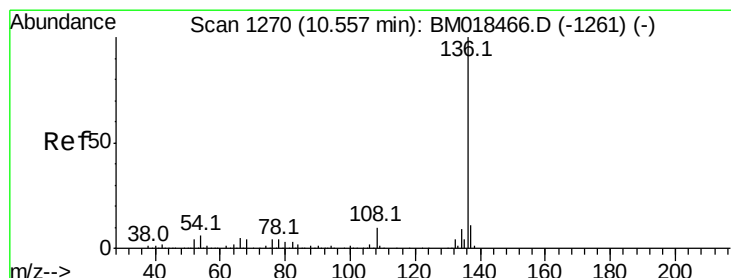
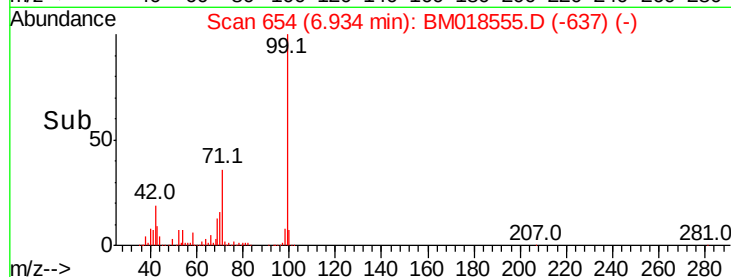
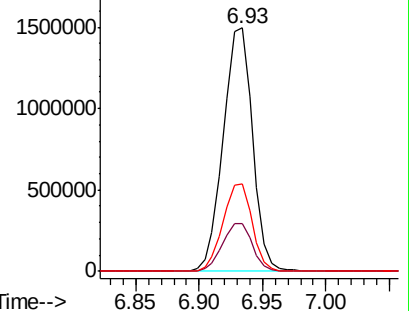
71 36.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM018555.D

Acq: 14 Jan 2019 17:23

Tgt Ion: 136 Resp: 986560

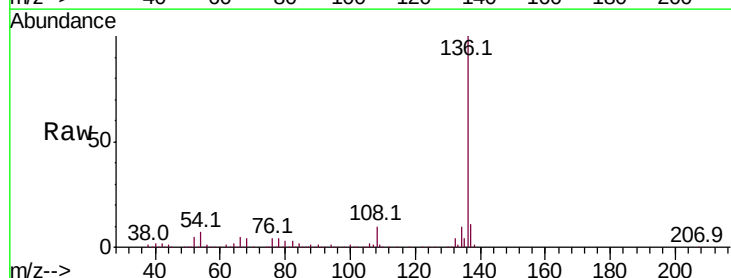
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 6.0 9.0

68 4.2 4.5 6.7#

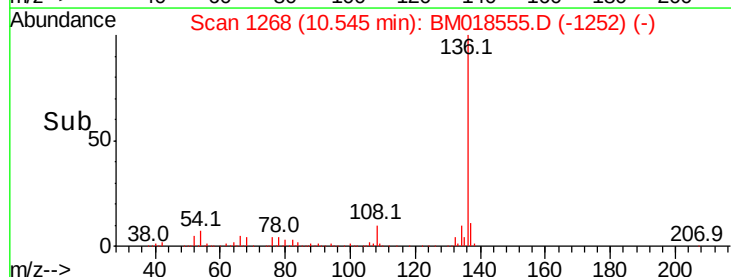
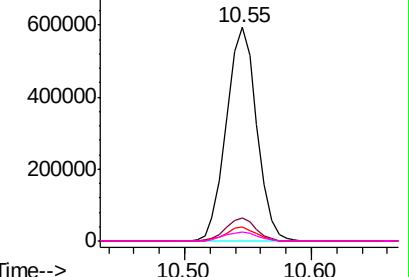


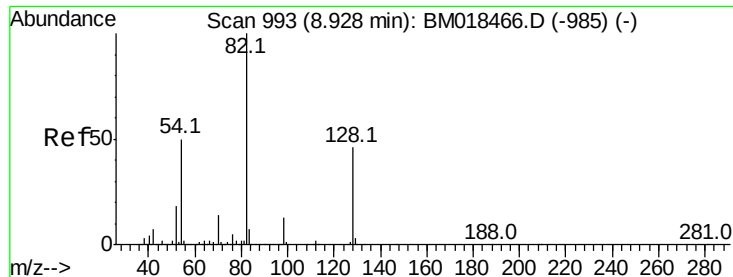
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)

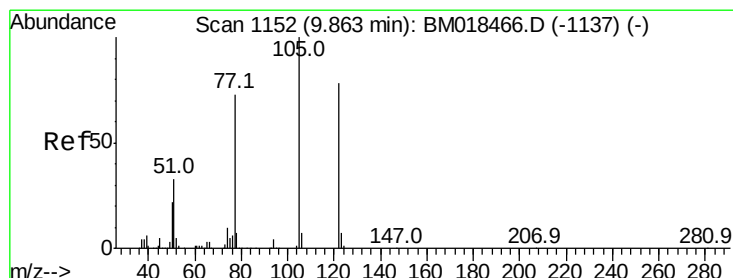
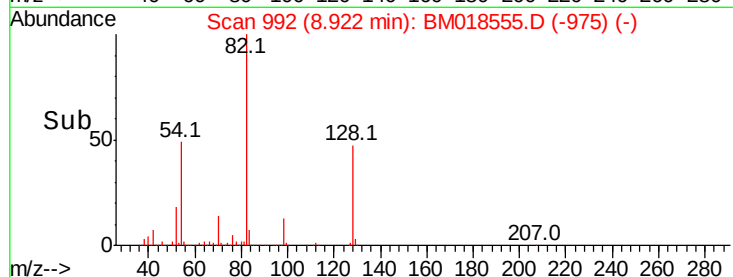
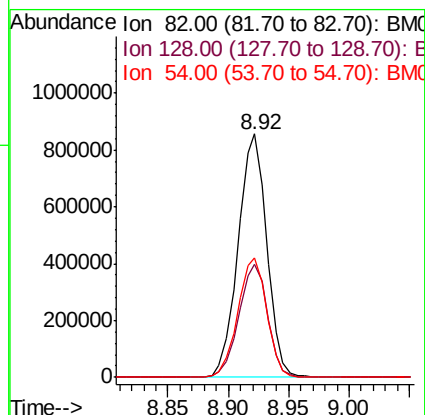
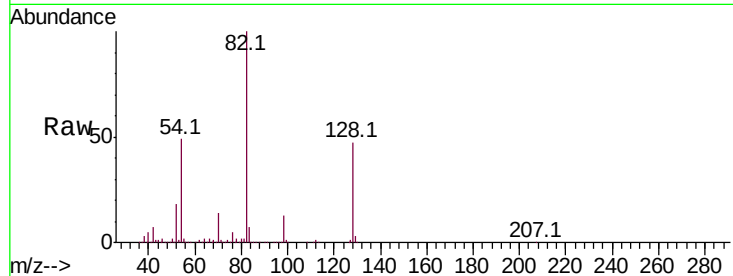




#23
Nitrobenzene-d5
Concen: 83.377 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018555.D
Acq: 14 Jan 2019 17:23

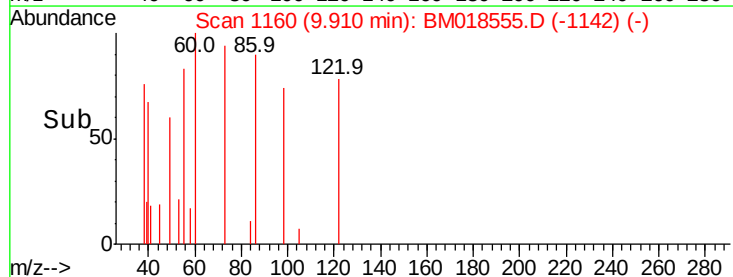
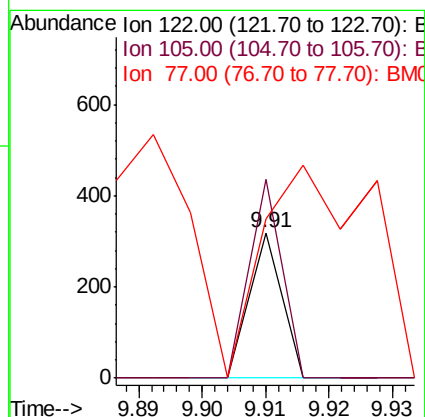
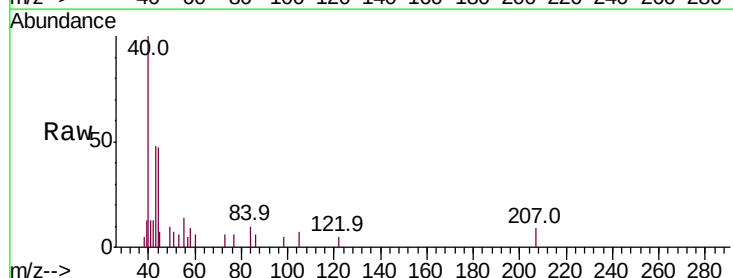
Instrument :
BNA_M
ClientSampled :

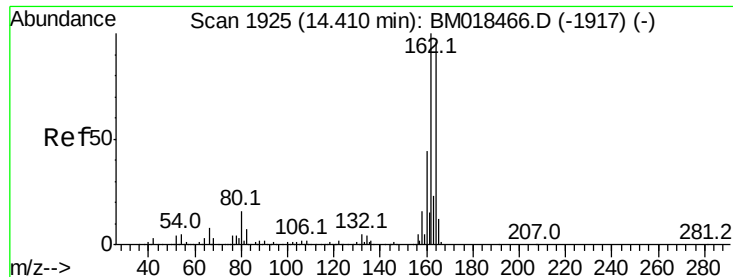
Tot Ion: 82 Resp: 1418931
Ion Ratio Lower Upper
82 100
128 46.5 36.3 54.5
54 49.3 41.7 62.5



#32
Benzoic acid
Concen: 6.514 ng
RT: 9.91 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BM018555.D
Acq: 14 Jan 2019 17:23

Tgt Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 137.0 100.4 140.4
77 109.1 71.7 111.7

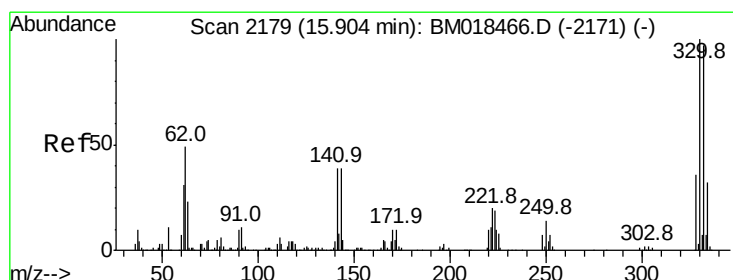
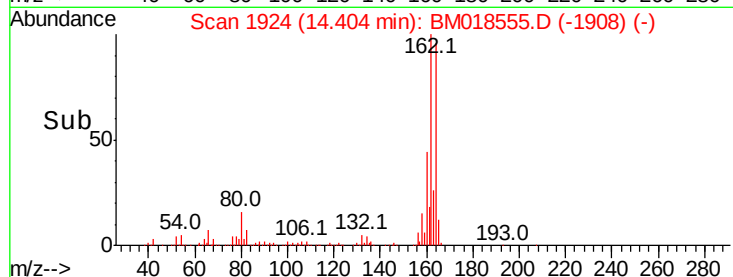
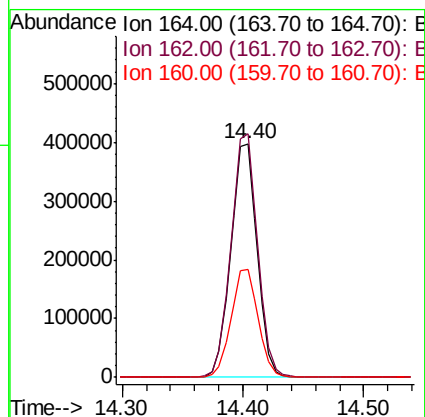
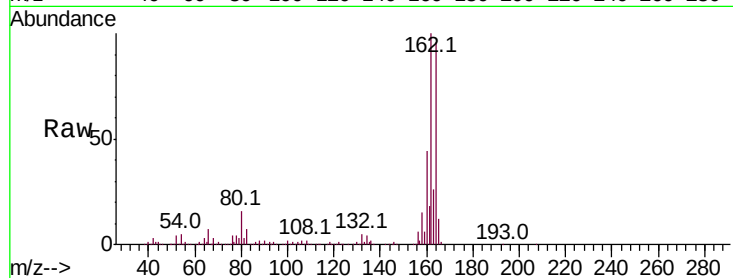




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018555.D
Acq: 14 Jan 2019 17:23

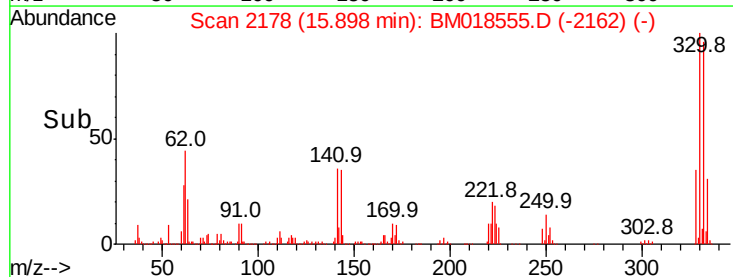
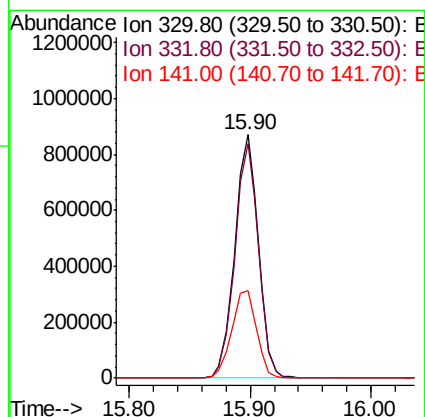
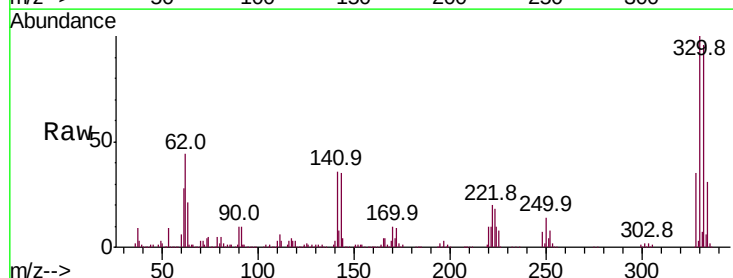
Instrument :
BNA_M
ClientSampleId :

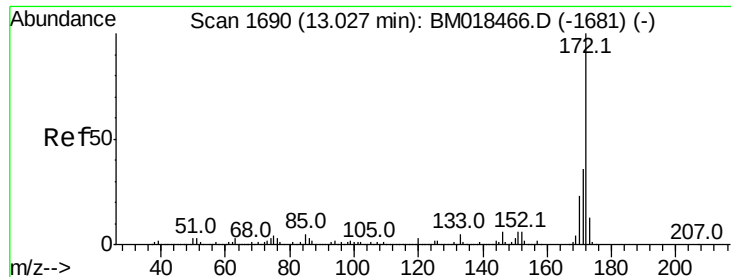
Tot Ion:164 Resp: 602687
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.4
160 46.2 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 154.730 ng
RT: 15.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM018555.D
Acq: 14 Jan 2019 17:23

Tgt Ion:330 Resp: 1187383
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 38.0 31.7 47.5



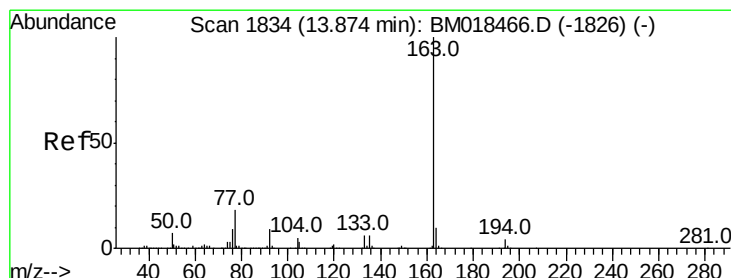
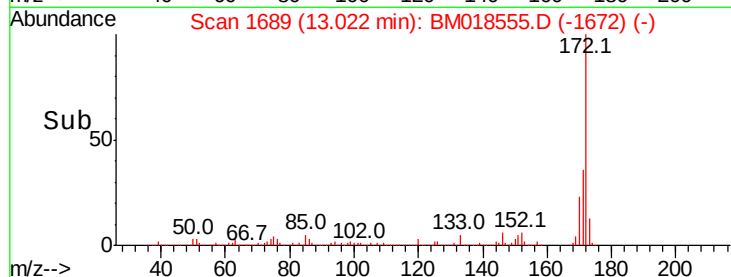
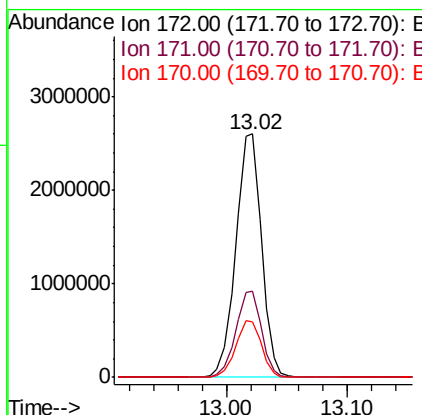
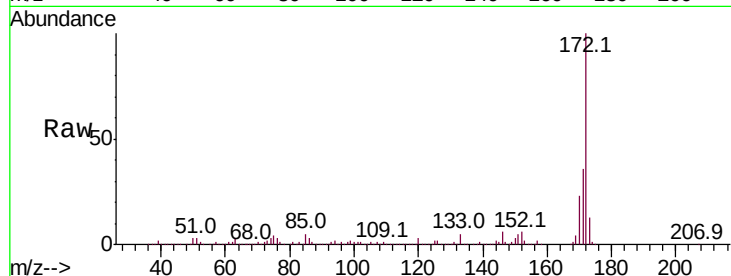


#45
 2-Fluorobiphenyl
 Concen: 83.724 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BM018555.D
 Acq: 14 Jan 2019 17:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 3867040

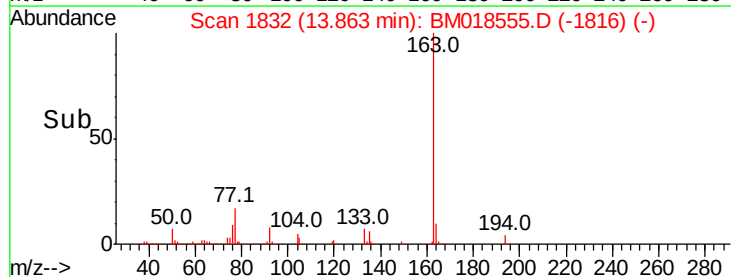
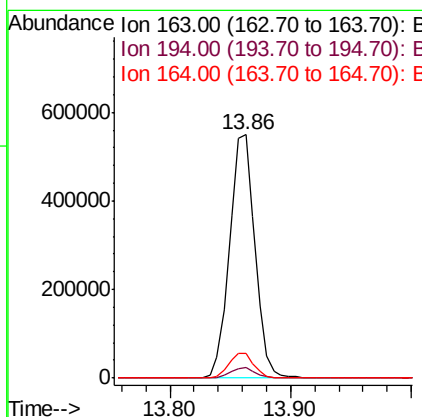
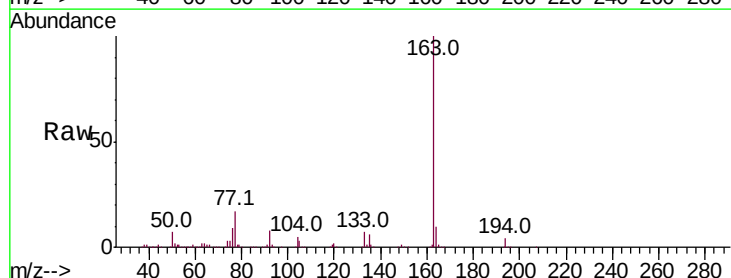
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.0	18.9	28.3

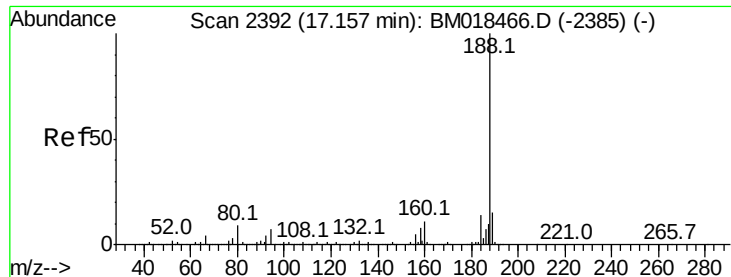


#50
 Dimethylphthalate
 Concen: 16.273 ng
 RT: 13.86 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: BM018555.D
 Acq: 14 Jan 2019 17:23

Tgt Ion:163 Resp: 805442

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.0	7.8	11.8

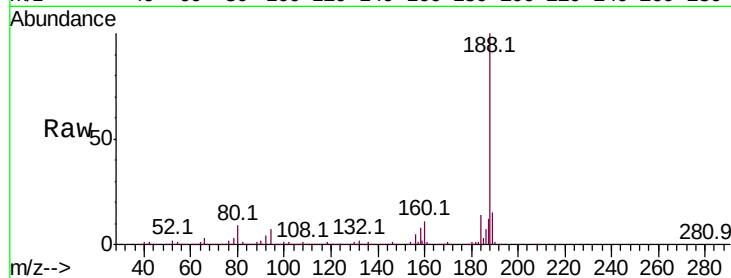




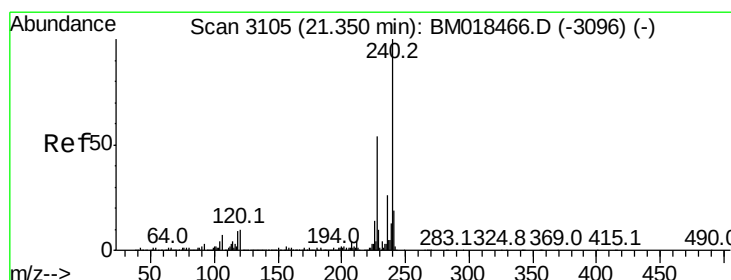
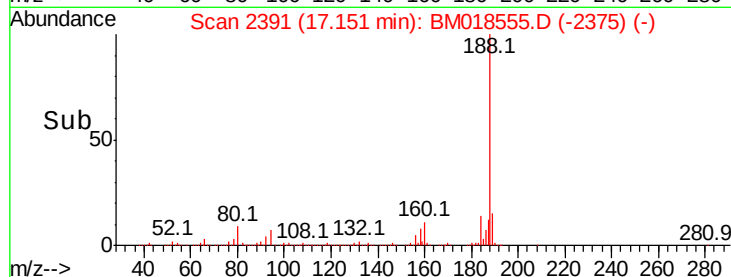
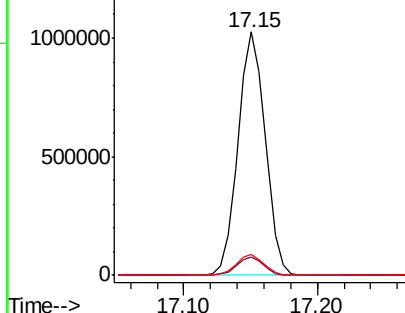
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018555.D
Acq: 14 Jan 2019 17:23

Instrument :
BNA_M
ClientSampled :

Tot Ion:188 Resp: 1447657
Ion Ratio Lower Upper
188 100
94 7.4 7.1 10.7
80 8.5 7.6 11.4

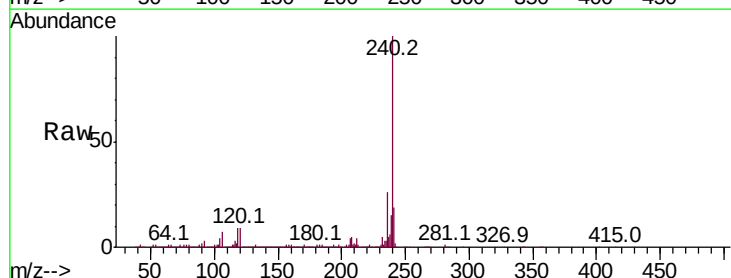


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

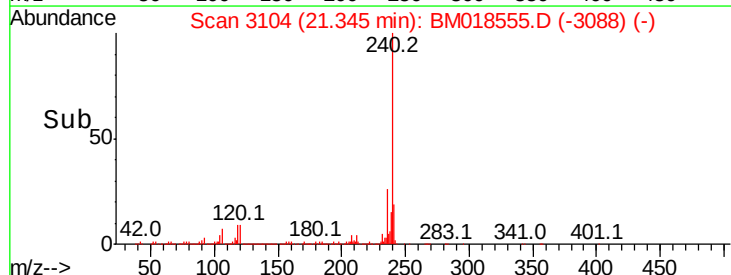
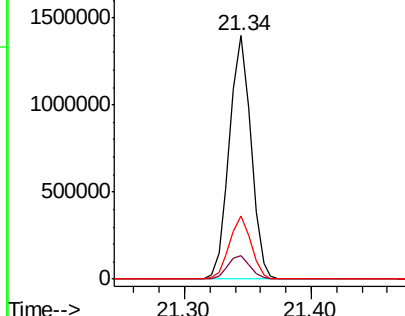


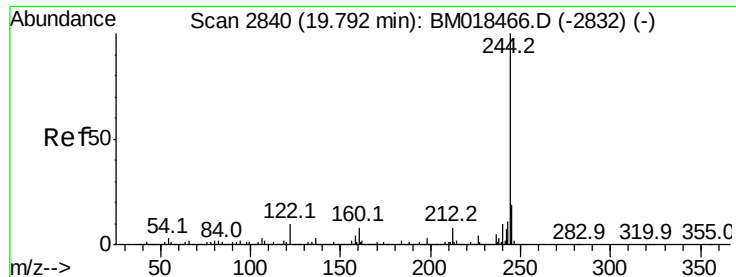
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM018555.D
Acq: 14 Jan 2019 17:23

Tgt Ion:240 Resp: 1655562
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.9 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





#79

Terphenyl-d14

Concen: 86.308 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM018555.D

Acq: 14 Jan 2019 17:23

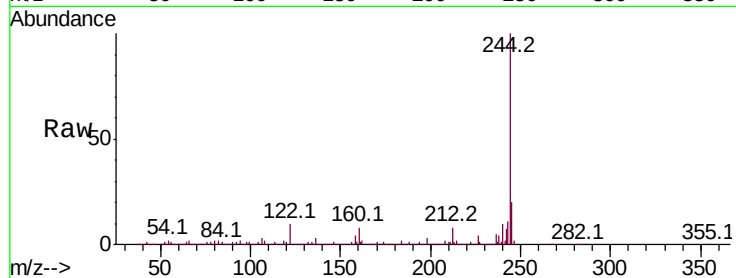
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 6778286

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	9.6	9.0	13.4

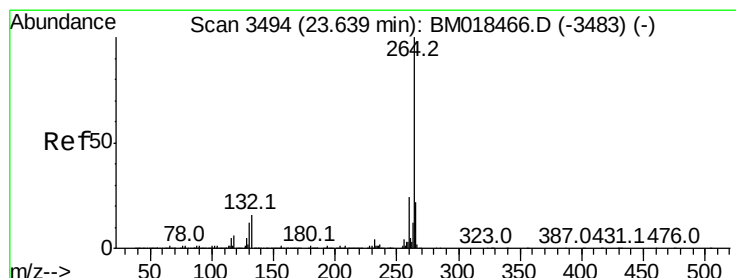
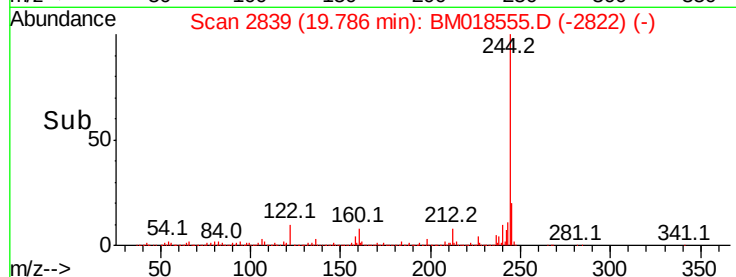
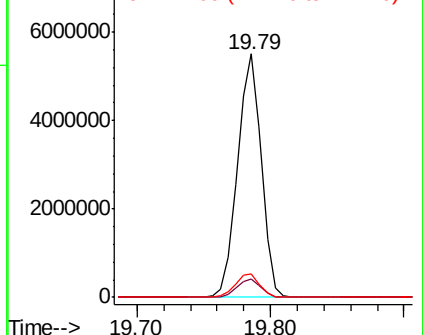


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3492

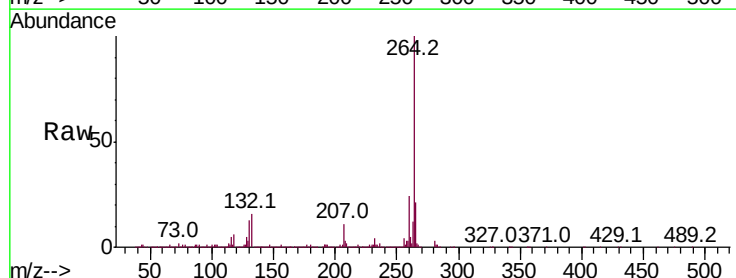
Delta R.T. -0.01 min

Lab File: BM018555.D

Acq: 14 Jan 2019 17:23

Tgt Ion:264 Resp: 1801960

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.4	16.8	25.2



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

