

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019017.D
 Acq On : 04 Mar 2019 19:41
 Operator : JU/SJ
 Sample : K1712-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:35:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

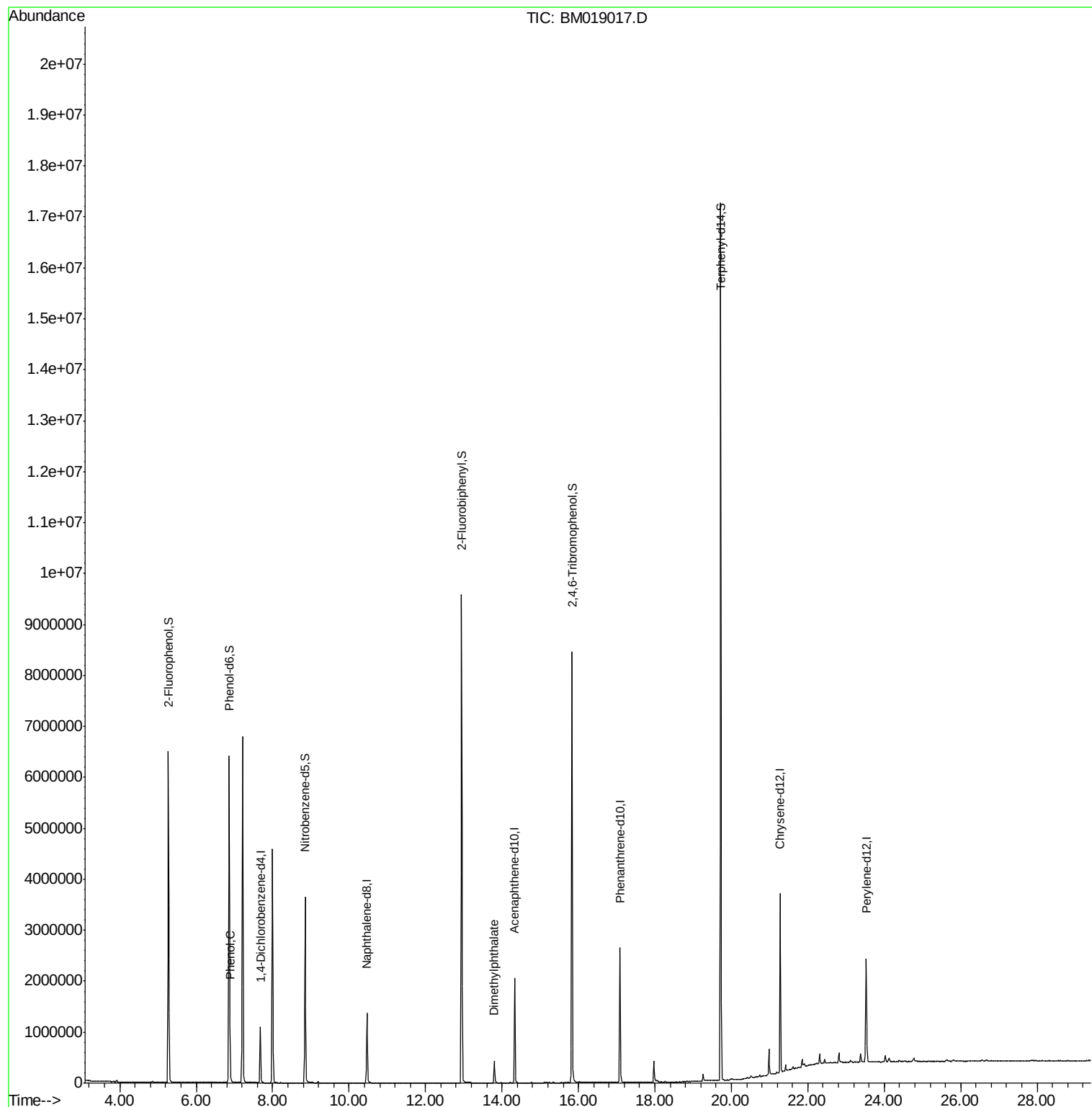
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	284857	20.00	ng	-0.04
21) Naphthalene-d8	10.46	136	1129073	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	655343	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1486592	20.00	ng	-0.03
76) Chrysene-d12	21.28	240	1500959	20.00	ng	-0.03
87) Perylene-d12	23.53	264	1349033	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2628783	151.21	ng	-0.03
7) Phenol-d6	6.86	99	3771149	153.98	ng	-0.02
23) Nitrobenzene-d5	8.85	82	2336918	95.70	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1575333	166.76	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	4755141	96.32	ng	-0.04
79) Terphenyl-d14	19.73	244	7640759	105.01	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.86	77	9201	Below Cal		Qvalue # 7
10) Phenol	6.89	94	152914	5.934	ng	97
50) Dimethylphthalate	13.80	163	299954	5.492	ng	99

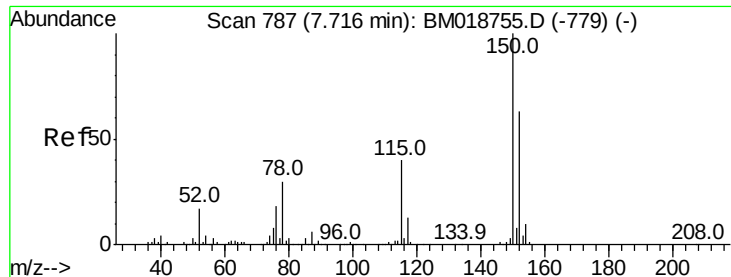
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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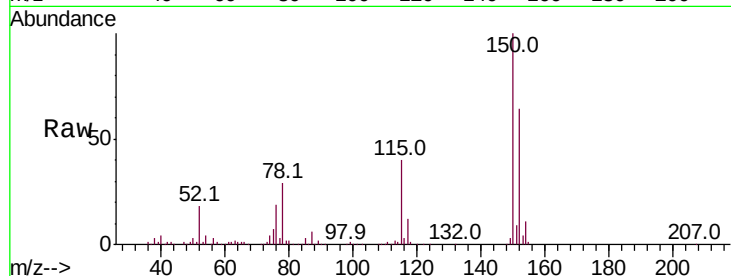


#1

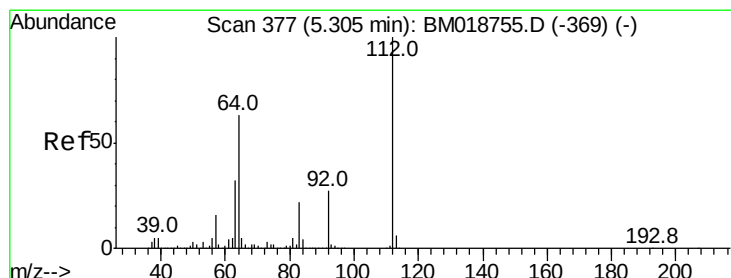
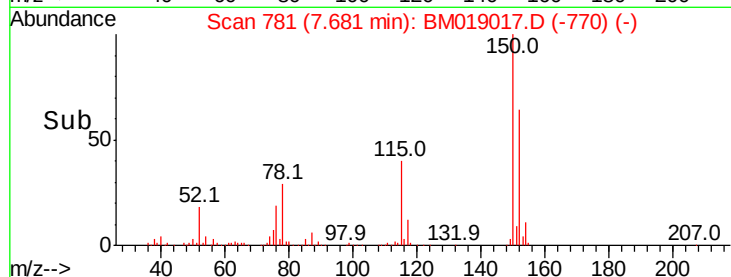
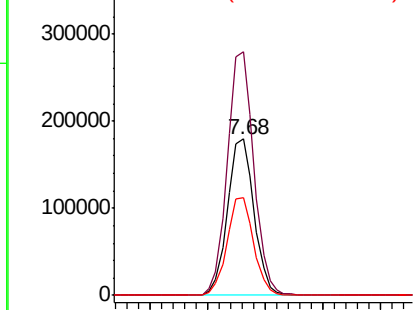
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019017.D
Acq: 04 Mar 2019 19:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 284857
Ion Ratio Lower Upper
152 100
150 156.1 127.3 190.9
115 62.9 50.8 76.2



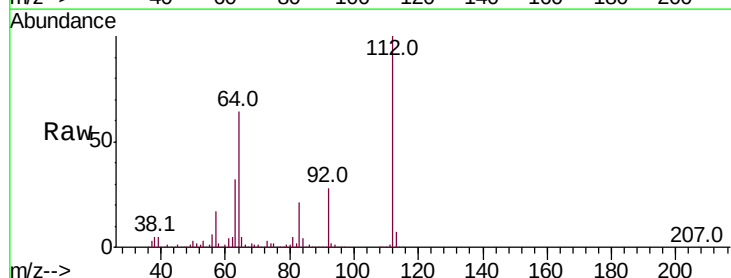
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



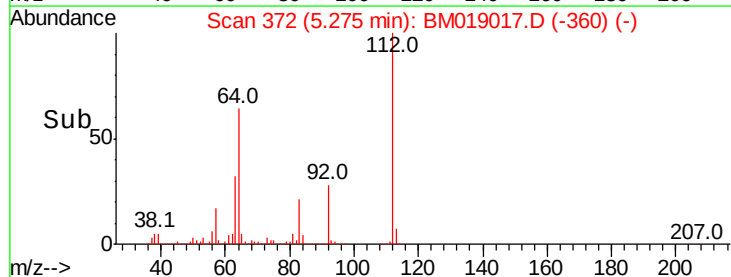
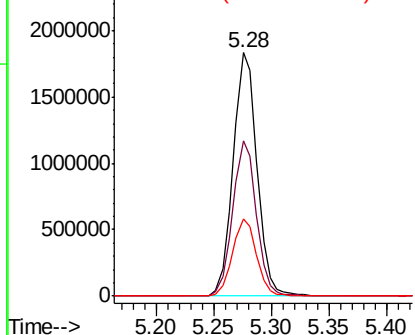
#5

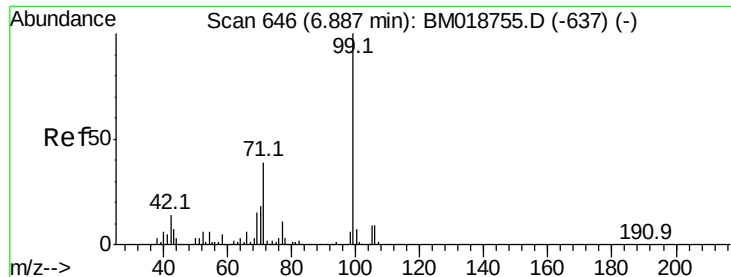
2-Fluorophenol
Concen: 151.205 ng
RT: 5.28 min Scan# 372
Delta R.T. -0.03 min
Lab File: BM019017.D
Acq: 04 Mar 2019 19:41

Tgt Ion:112 Resp: 2628783
Ion Ratio Lower Upper
112 100
64 63.5 50.6 75.8
63 31.7 25.7 38.5



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: 153.975 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM019017.D

Acq: 04 Mar 2019 19:41

Instrument :

BNA_M

ClientSampleId :

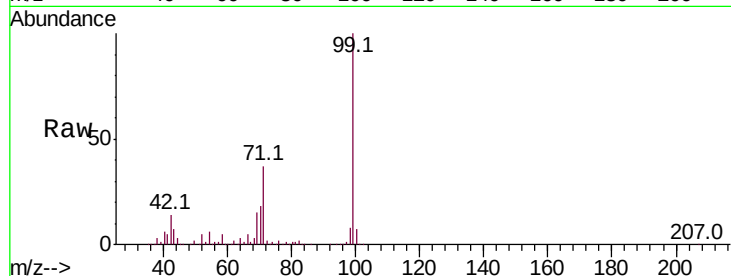
Tot Ion: 99 Resp: 3771149

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.6

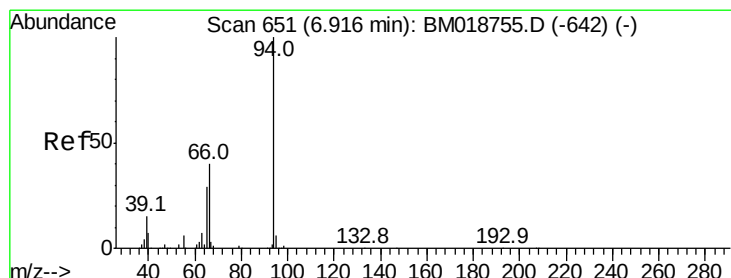
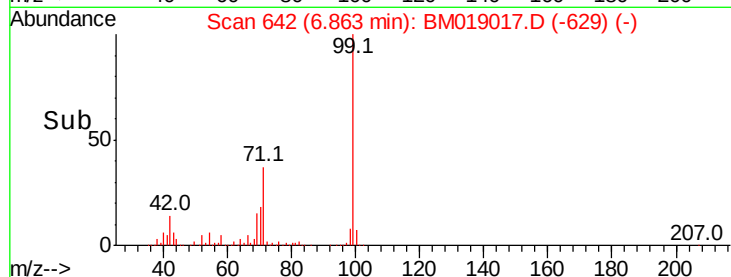
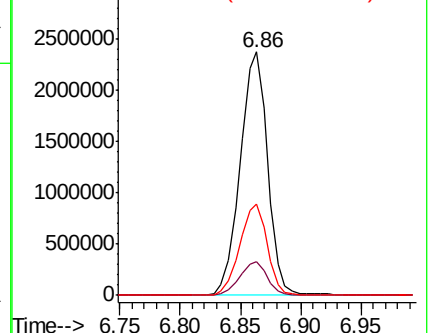
71 37.3 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#10

Phenol

Concen: 5.934 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.03 min

Lab File: BM019017.D

Acq: 04 Mar 2019 19:41

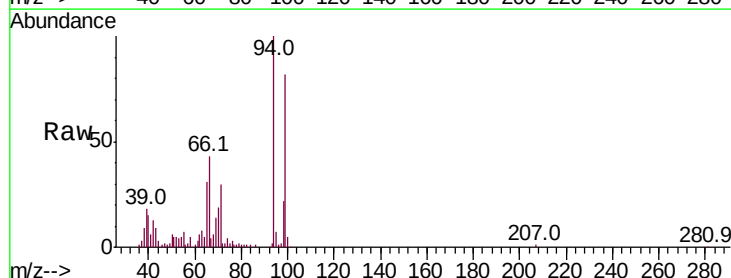
Tgt Ion: 94 Resp: 152914

Ion Ratio Lower Upper

94 100

65 31.2 9.6 49.6

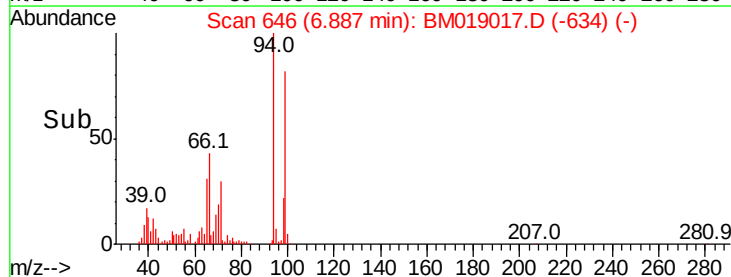
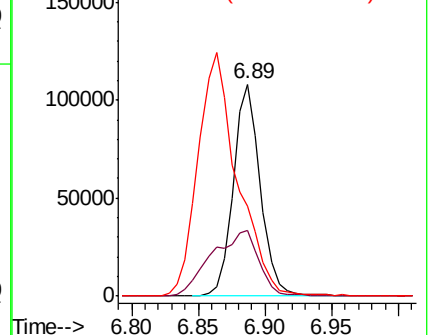
66 42.7 20.4 60.4

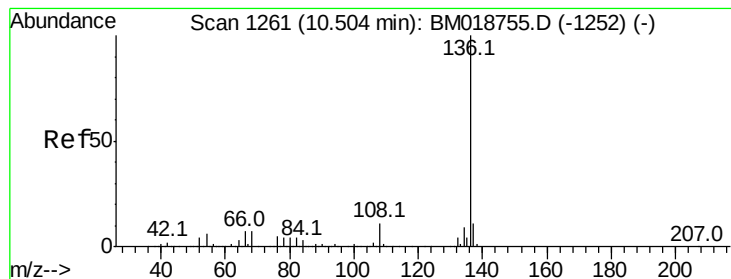


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1254

Delta R.T. -0.04 min

Lab File: BM019017.D

Acq: 04 Mar 2019 19:41

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1129073

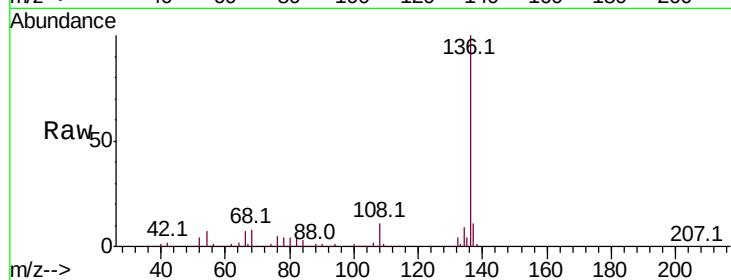
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.9 5.0 7.6

68 8.0 5.5 8.3

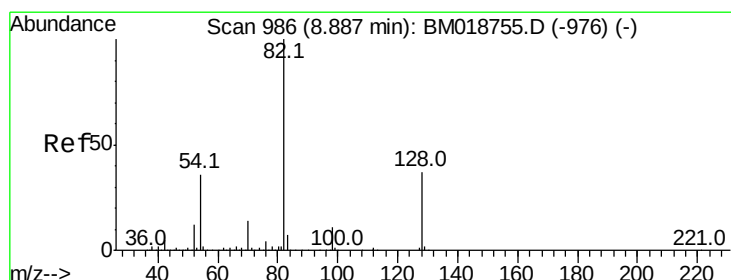
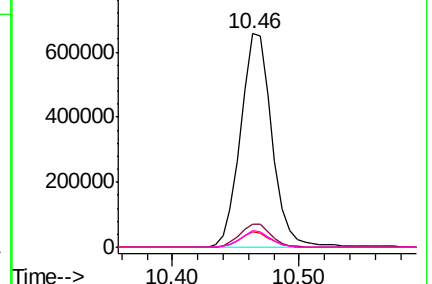
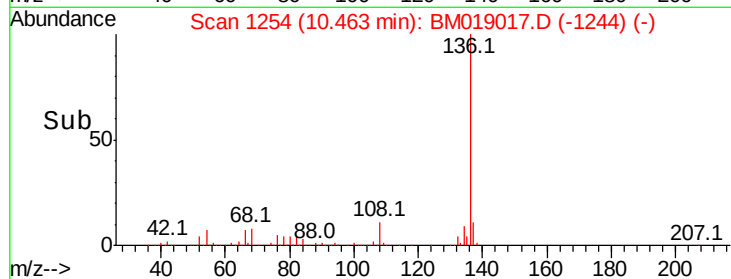


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 95.703 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.04 min

Lab File: BM019017.D

Acq: 04 Mar 2019 19:41

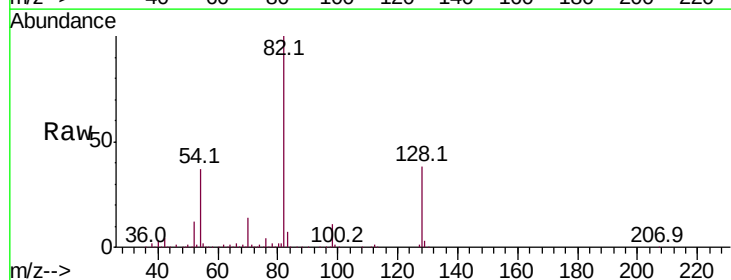
Tgt Ion: 82 Resp: 2336918

Ion Ratio Lower Upper

82 100

128 38.2 29.9 44.9

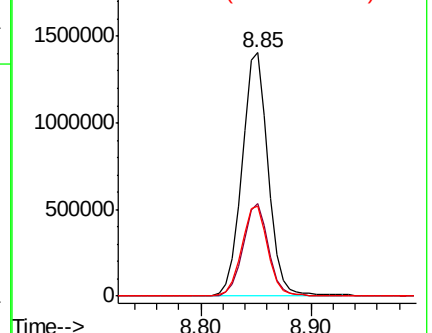
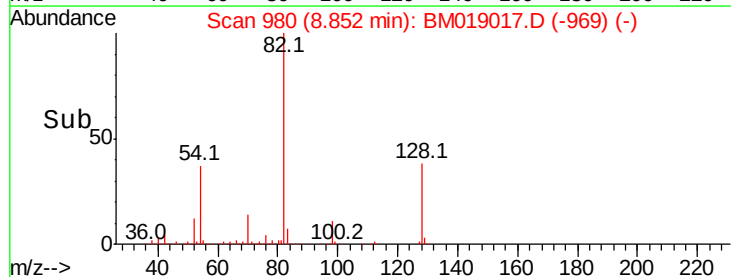
54 37.0 29.1 43.7

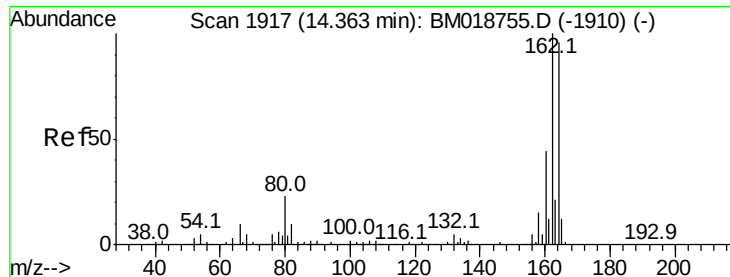


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BM019017.D

Acq: 04 Mar 2019 19:41

Instrument :

BNA_M

ClientSampleId :

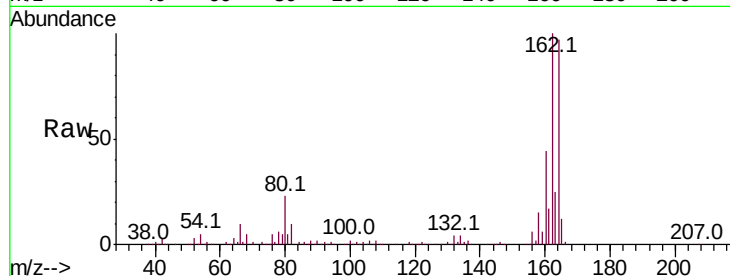
Tot Ion:164 Resp: 655343

Ion Ratio Lower Upper

164 100

162 102.6 83.4 125.0

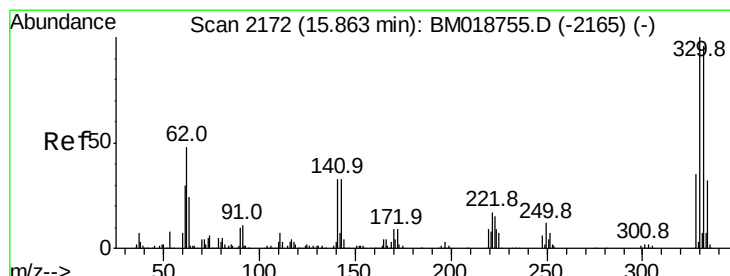
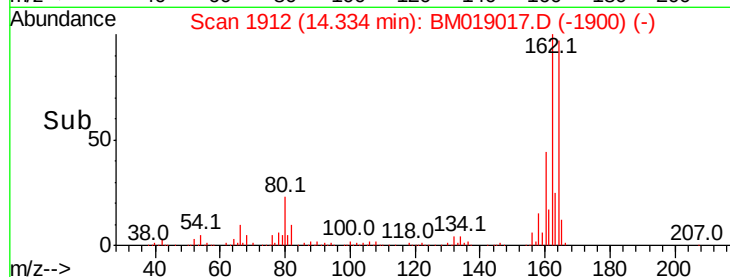
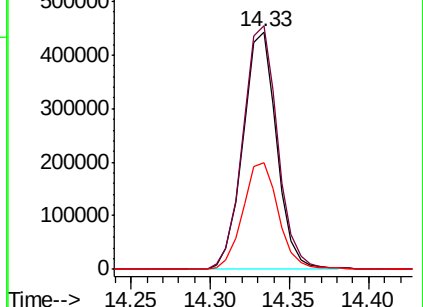
160 45.2 36.6 55.0



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: 166.762 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BM019017.D

Acq: 04 Mar 2019 19:41

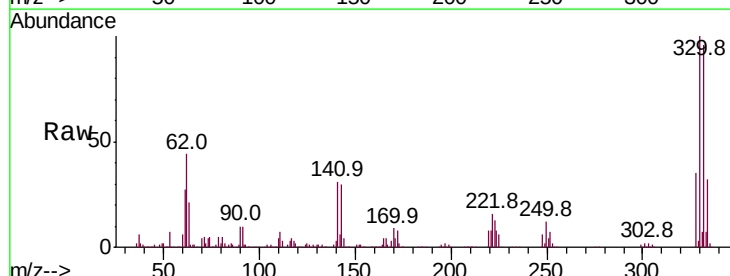
Tgt Ion:330 Resp: 1575333

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

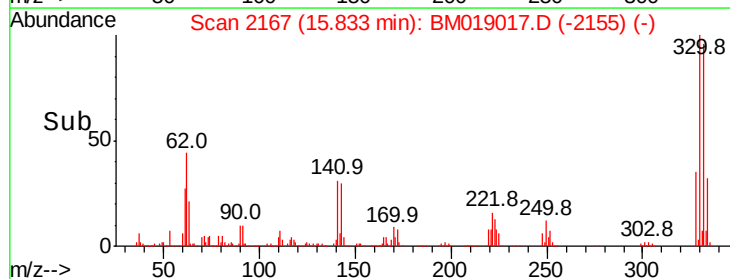
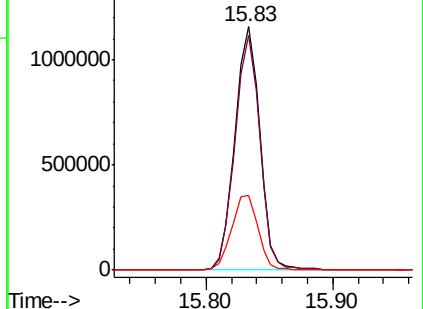
141 32.6 28.7 43.1

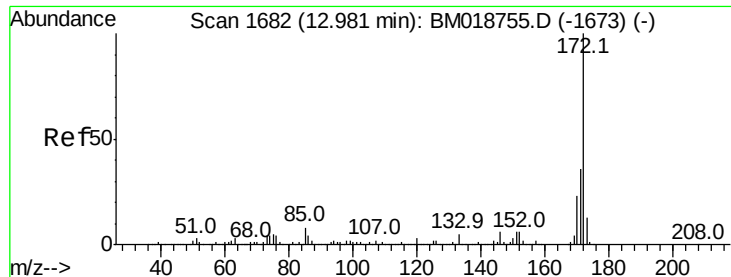


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

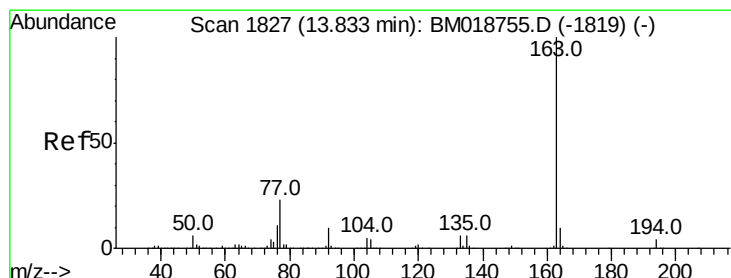
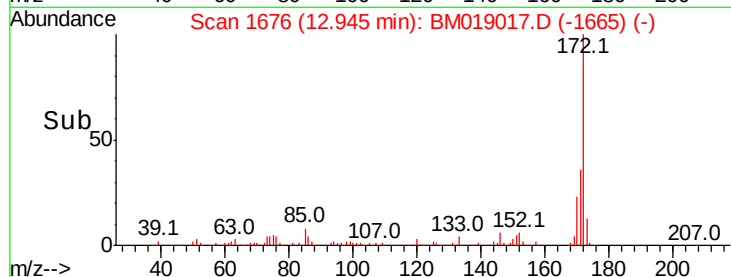
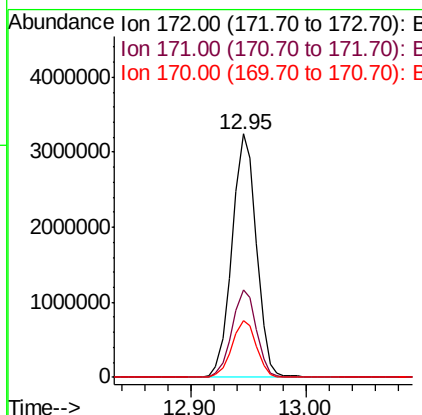
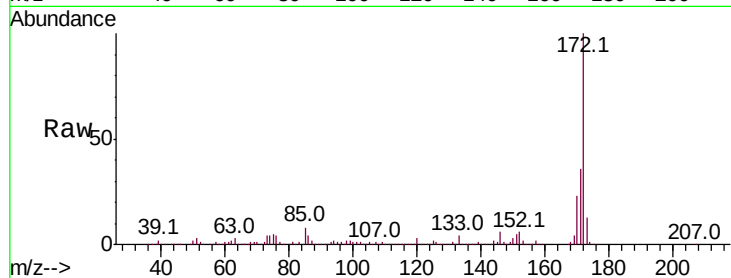




#45
2-Fluorobiphenyl
Concen: 96.321 ng
RT: 12.95 min Scan# 1676
Delta R.T. -0.04 min
Lab File: BM019017.D
Acq: 04 Mar 2019 19:41

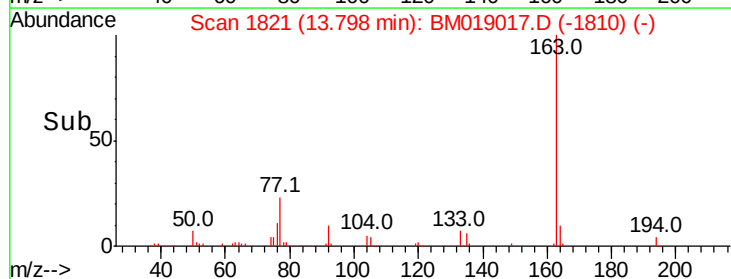
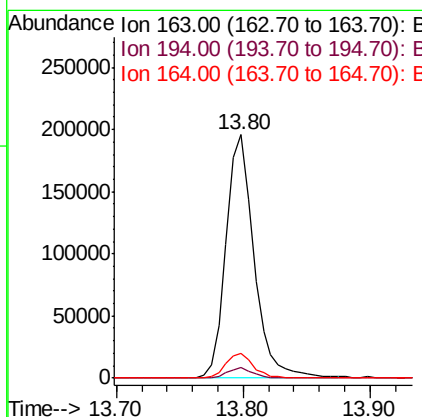
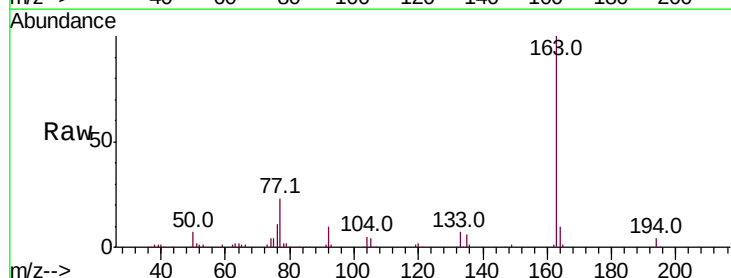
Instrument :
BNA_M
ClientSampleId :

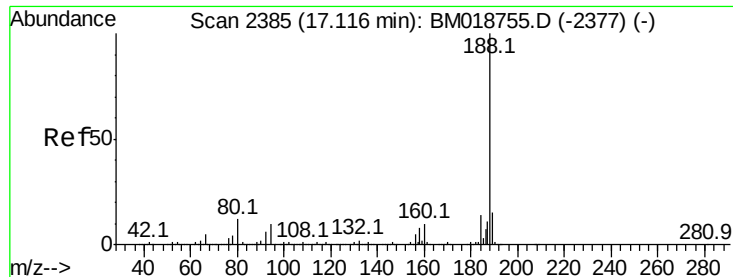
Tot Ion:172 Resp: 4755141
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.4 18.6 28.0



#50
Dimethylphthalate
Concen: 5.492 ng
RT: 13.80 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM019017.D
Acq: 04 Mar 2019 19:41

Tgt Ion:163 Resp: 299954
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.3 7.8 11.8

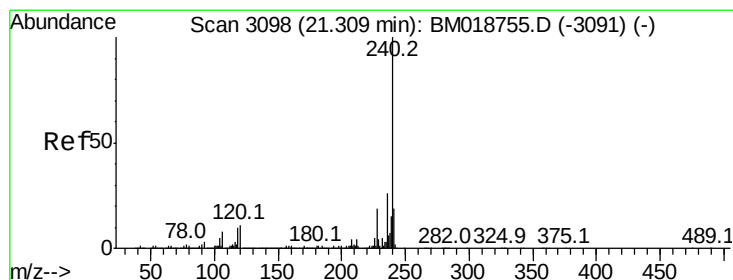
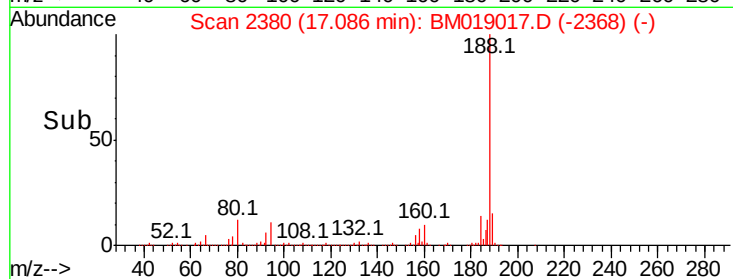
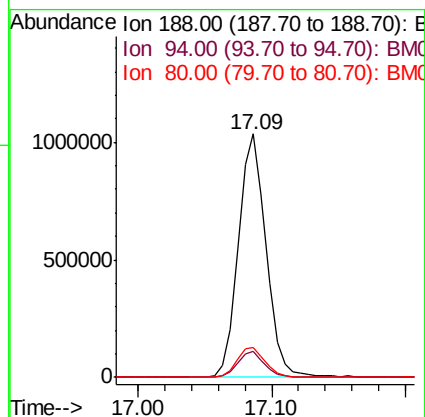
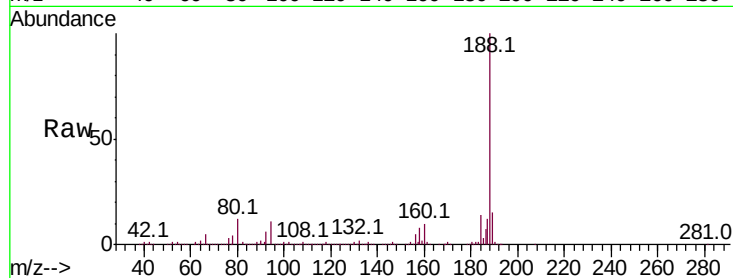




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM019017.D
Acq: 04 Mar 2019 19:41

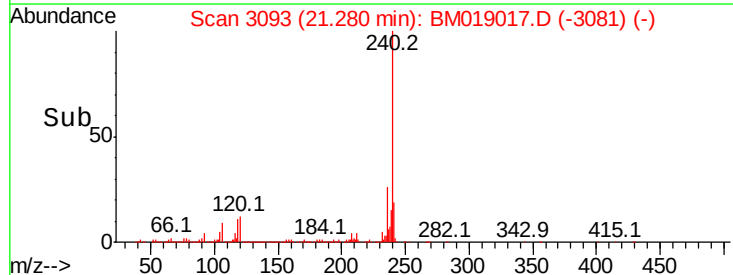
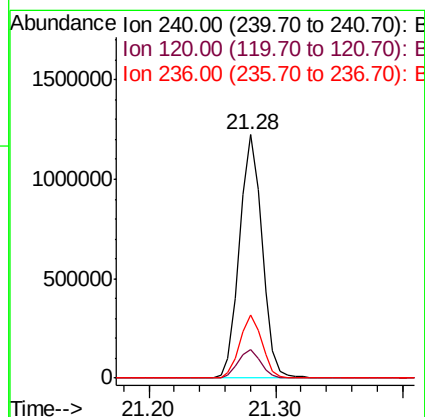
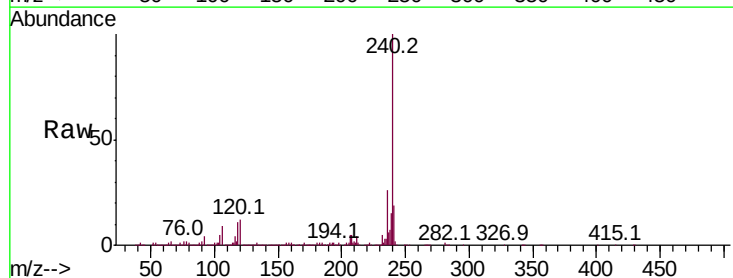
Instrument :
BNA_M
ClientSampled :

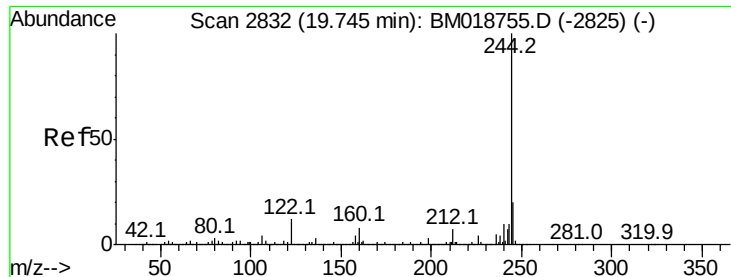
Tot Ion:188 Resp: 1486592
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 12.2 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BM019017.D
Acq: 04 Mar 2019 19:41

Tgt Ion:240 Resp: 1500959
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 105.013 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM019017.D

Acq: 04 Mar 2019 19:41

Instrument :

BNA_M

ClientSampleId :

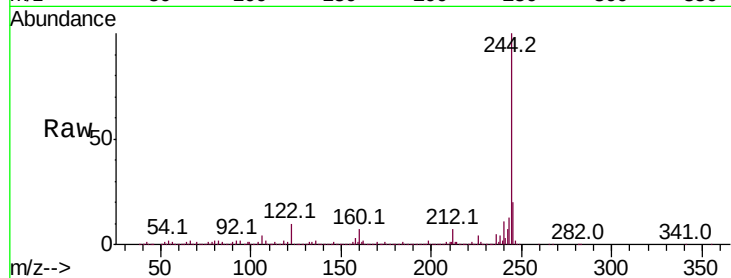
Tot Ion:244 Resp: 7640759

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.4	9.3	13.9

244 100

212 6.8 5.6 8.4

122 10.4 9.3 13.9

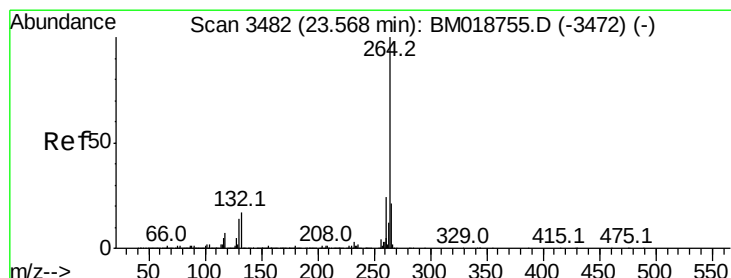
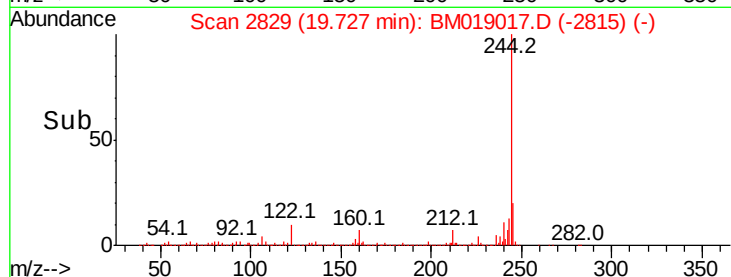
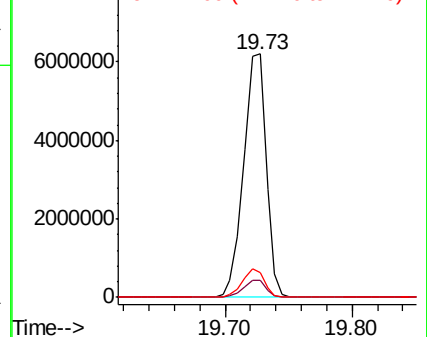


Abundance

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: 23.53 min Scan# 3475

Delta R.T. -0.04 min

Lab File: BM019017.D

Acq: 04 Mar 2019 19:41

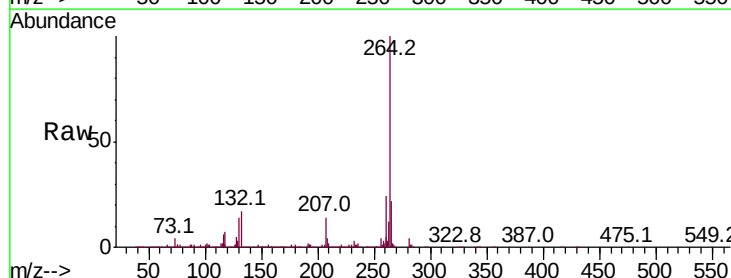
Tgt Ion:264 Resp: 1349033

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.8	17.3	25.9

264 100

260 23.7 18.9 28.3

265 21.8 17.3 25.9



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

