

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030119\
 Data File : BM018997.D
 Acq On : 01 Mar 2019 21:20
 Operator : JU/SJ
 Sample : k1675-33
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-B

Quant Time: Mar 01 22:27:11 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

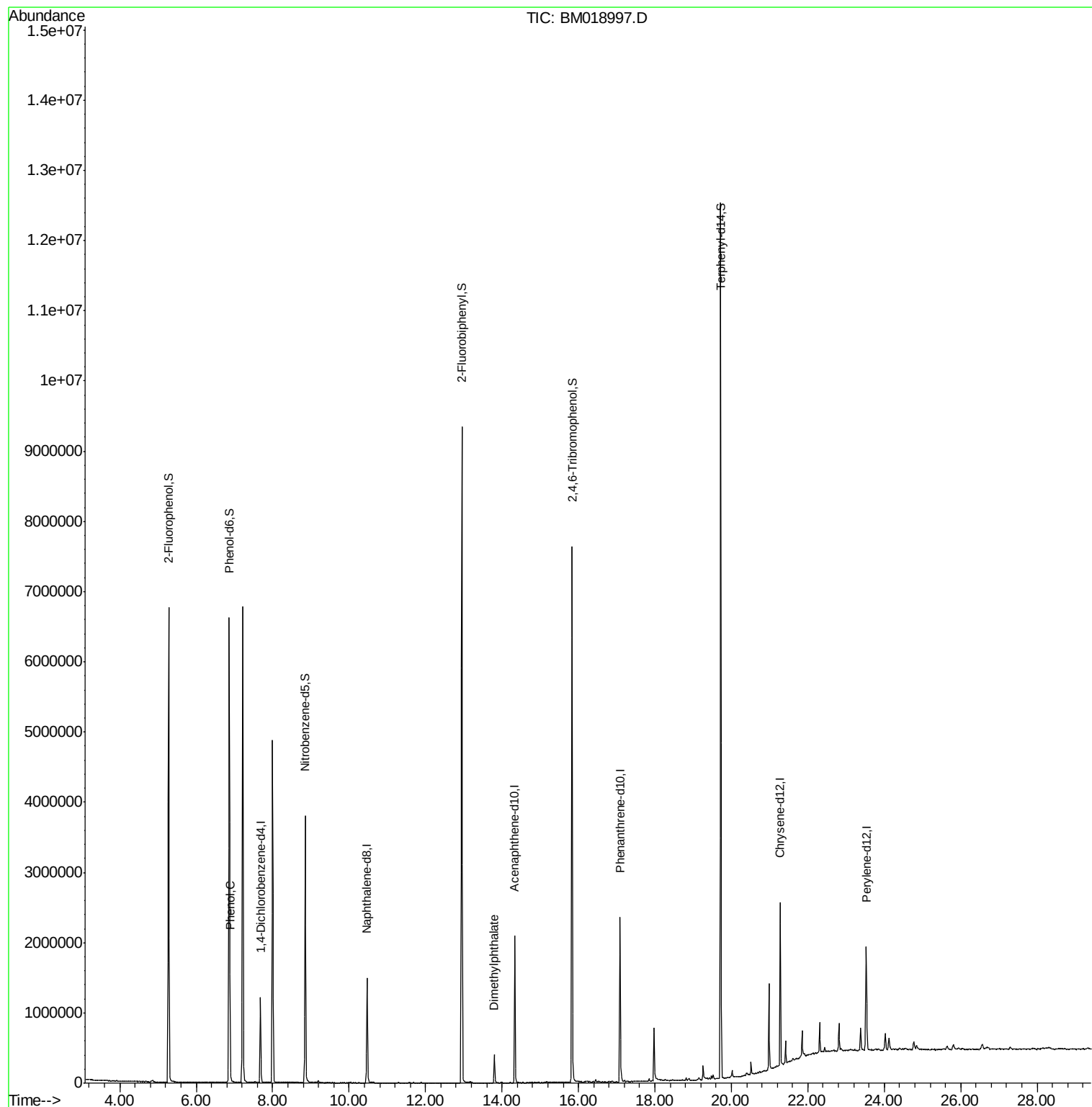
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	304068	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1205838	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	668599	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1343813	20.00	ng	-0.03
76) Chrysene-d12	21.28	240	1005948	20.00	ng	-0.03
87) Perylene-d12	23.53	264	1041841	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2718749	146.50	ng	-0.02
7) Phenol-d6	6.86	99	3859516	147.63	ng	-0.02
23) Nitrobenzene-d5	8.85	82	2441400	93.62	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1351817	140.26	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	4721517	93.74	ng	-0.03
79) Terphenyl-d14	19.72	244	5289274	108.47	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.86	77	8375	Below Cal		Qvalue # 7
10) Phenol	6.89	94	58465	2.125 ng		77
50) Dimethylphthalate	13.80	163	263625	4.731 ng		99

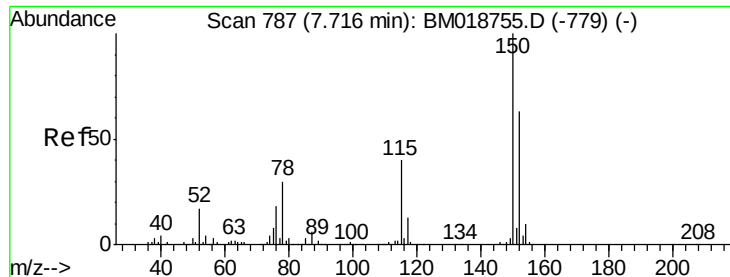
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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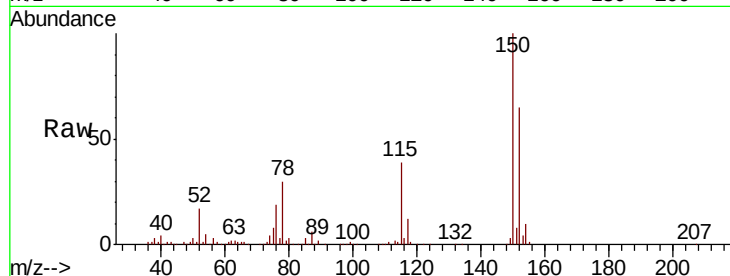


#1

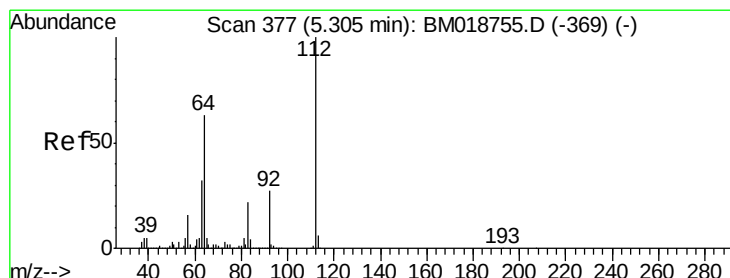
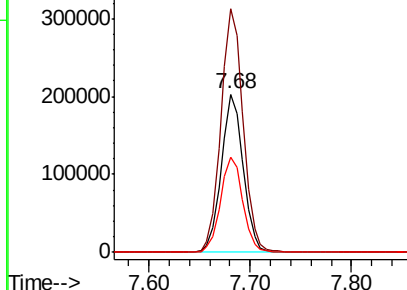
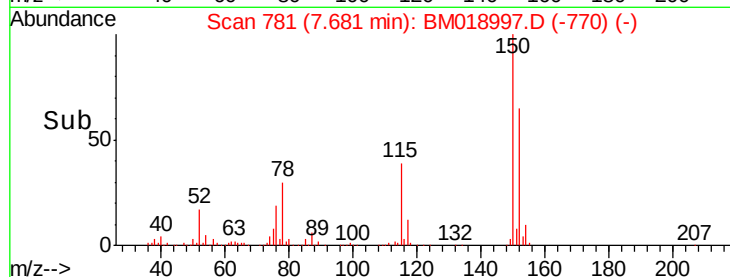
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM018997.D
Acq: 01 Mar 2019 21:20

Instrument :
BNA_M
ClientSampleId :
Z-3-13-B

Tgt Ion:152 Resp: 304068
Ion Ratio Lower Upper
152 100
150 153.9 127.3 190.9
115 60.1 50.8 76.2



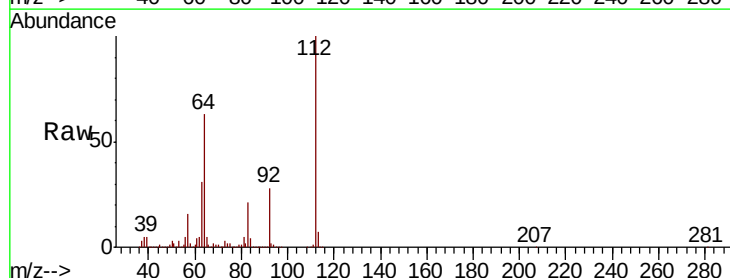
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



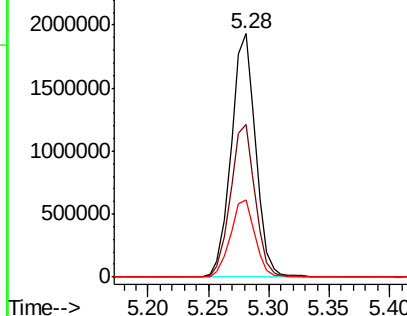
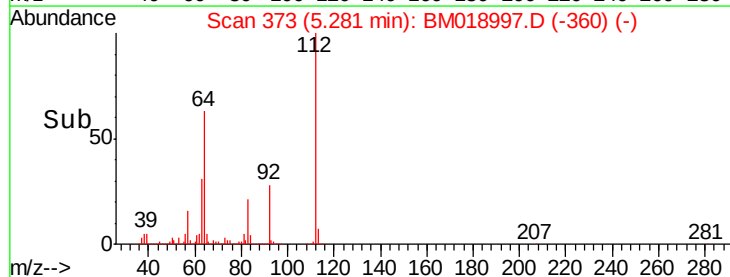
#5

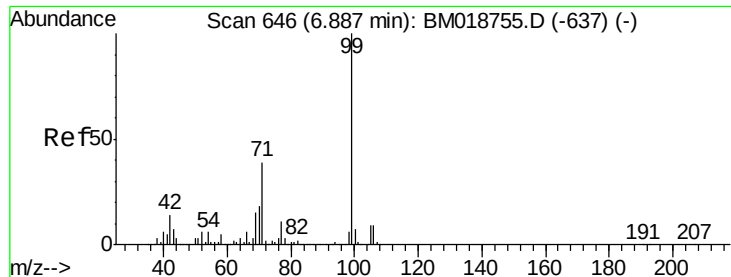
2-Fluorophenol
Concen: 146.500 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018997.D
Acq: 01 Mar 2019 21:20

Tgt Ion:112 Resp: 2718749
Ion Ratio Lower Upper
112 100
64 62.7 50.6 75.8
63 31.5 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: 147.627 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018997.D

Acq: 01 Mar 2019 21:20

Instrument :

BNA_M

ClientSampleId :

Z-3-13-B

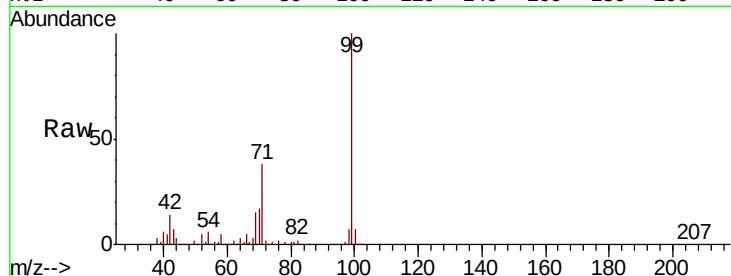
Tgt Ion: 99 Resp: 3859516

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

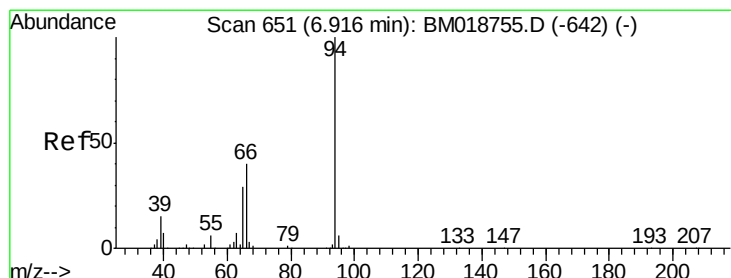
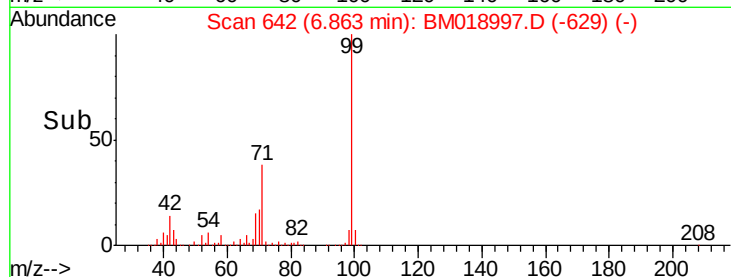
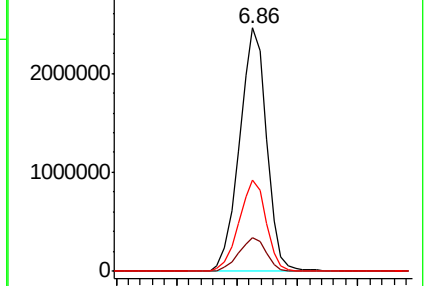
71 37.7 31.3 46.9



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: 2.125 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.03 min

Lab File: BM018997.D

Acq: 01 Mar 2019 21:20

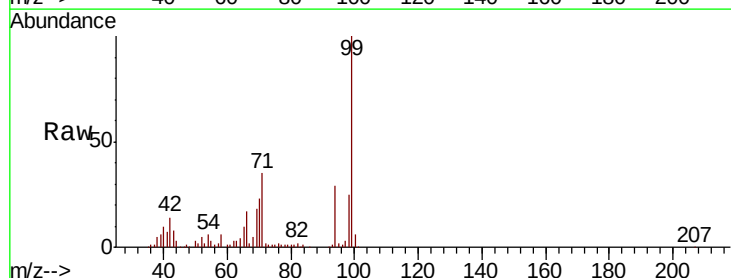
Tgt Ion: 94 Resp: 58465

Ion Ratio Lower Upper

94 100

65 36.1 9.6 49.6

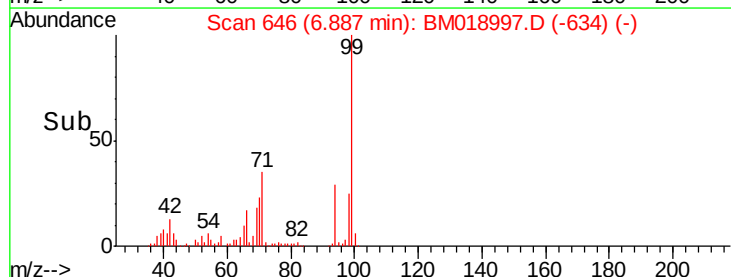
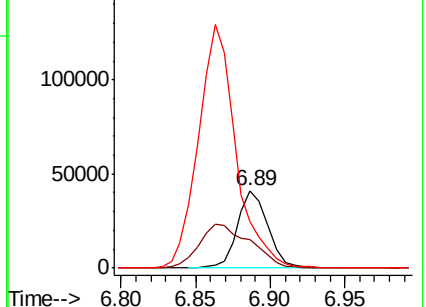
66 60.1 20.4 60.4

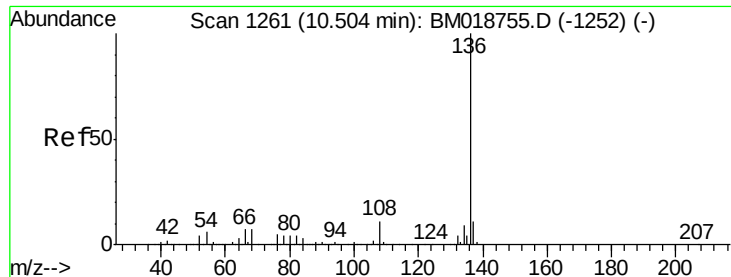


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

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

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

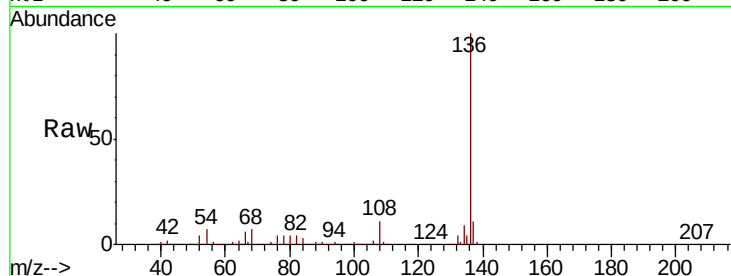




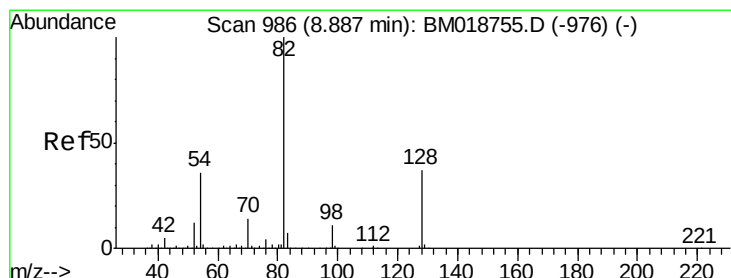
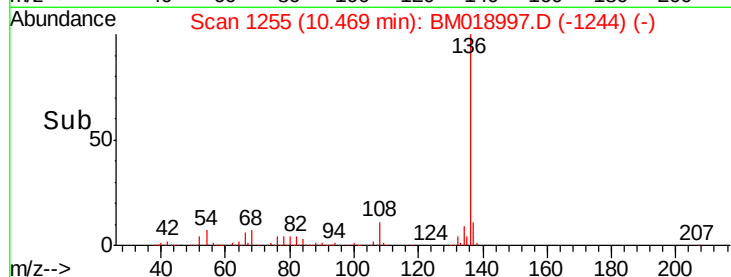
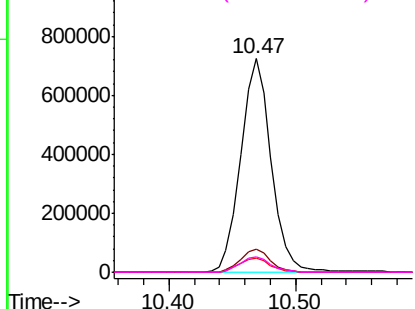
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM018997.D
Acq: 01 Mar 2019 21:20

Instrument :
BNA_M
ClientSampled :
Z-3-13-B

Tgt Ion:136 Resp: 1205838
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.0 7.6
68 7.2 5.5 8.3

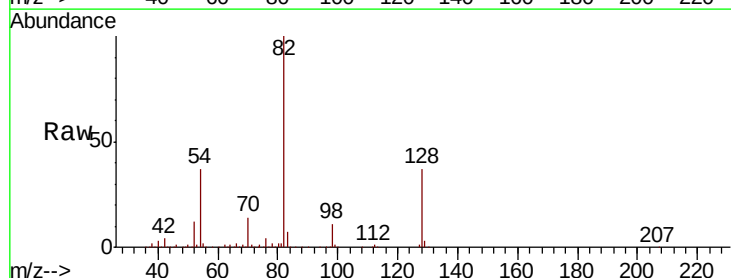


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

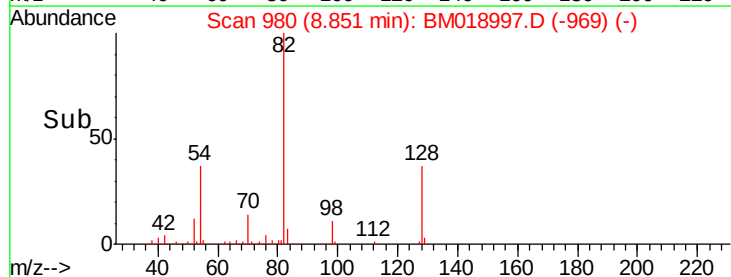
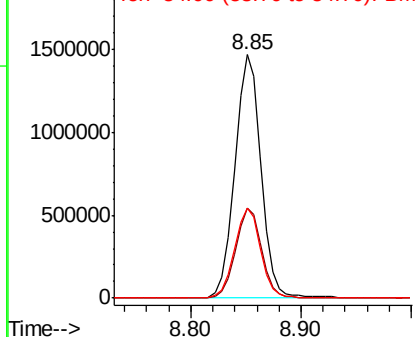


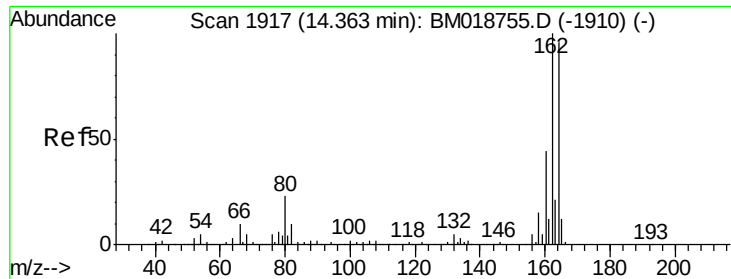
#23
Nitrobenzene-d5
Concen: 93.617 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BM018997.D
Acq: 01 Mar 2019 21:20

Tgt Ion: 82 Resp: 2441400
Ion Ratio Lower Upper
82 100
128 36.9 29.9 44.9
54 37.1 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

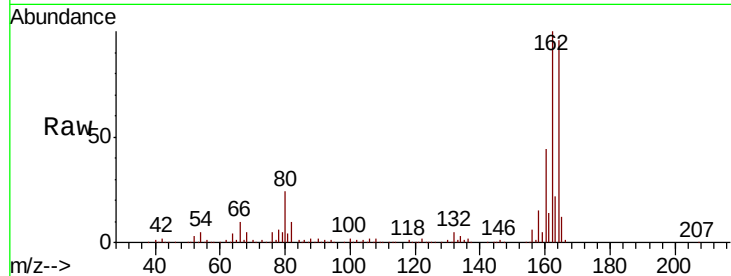




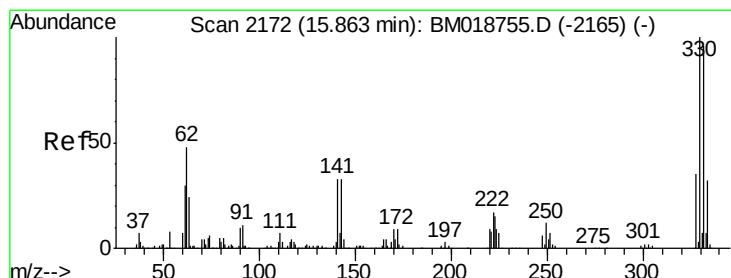
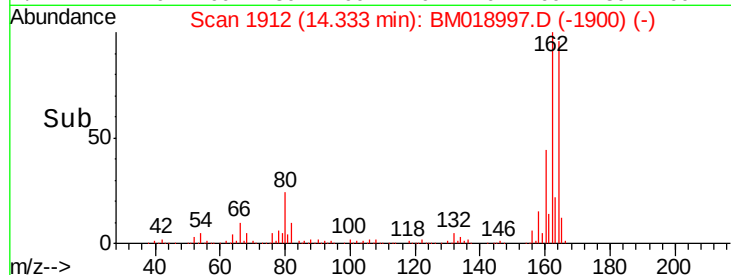
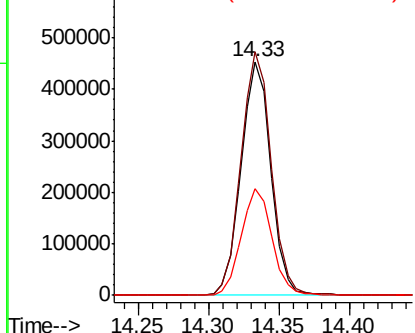
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.03 min
 Lab File: BM018997.D
 Acq: 01 Mar 2019 21:20

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-B

Tgt Ion:164 Resp: 668599
 Ion Ratio Lower Upper
 164 100
 162 104.1 83.4 125.0
 160 45.6 36.6 55.0

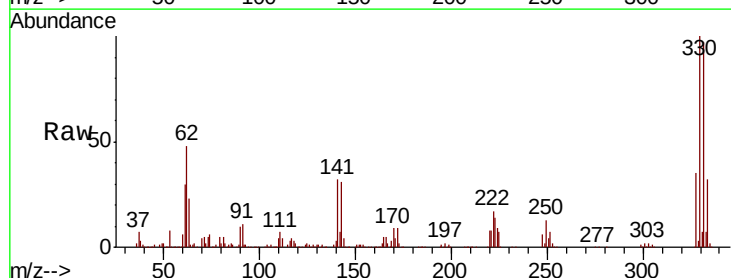


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

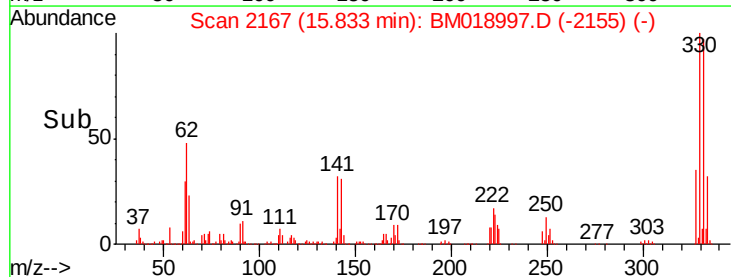
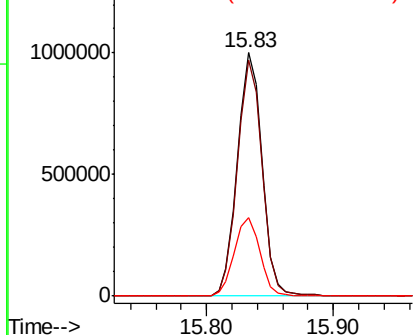


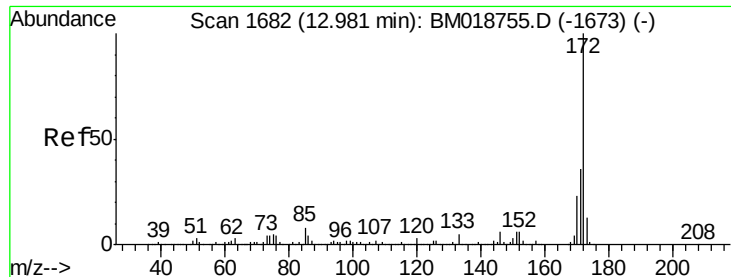
#42
 2,4,6-Tribromophenol
 Concen: 140.264 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM018997.D
 Acq: 01 Mar 2019 21:20

Tgt Ion:330 Resp: 1351817
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.9 115.3
 141 33.5 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

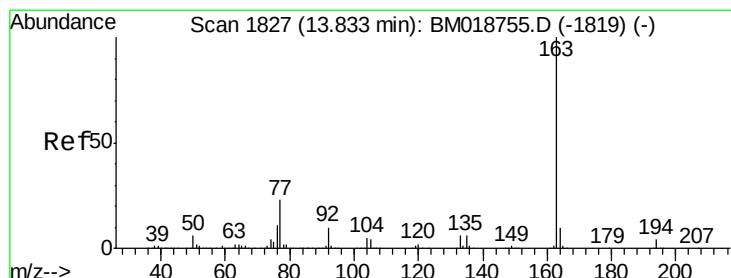
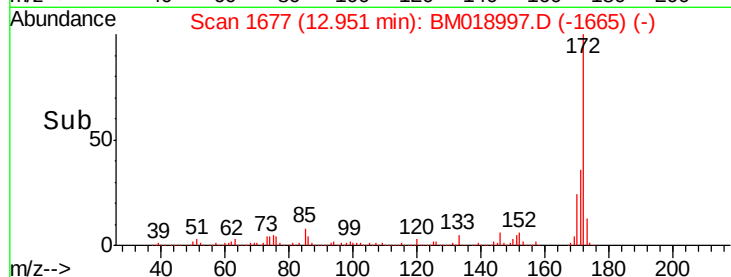
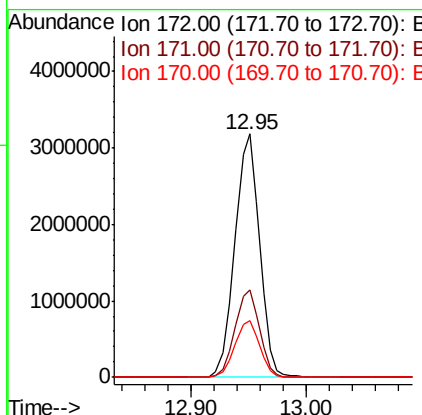
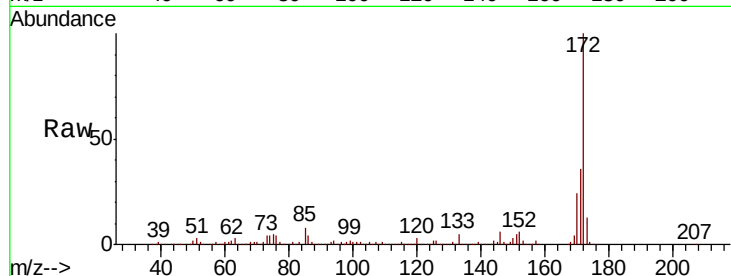




#45
2-Fluorobiphenyl
Concen: 93.744 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.03 min
Lab File: BM018997.D
Acq: 01 Mar 2019 21:20

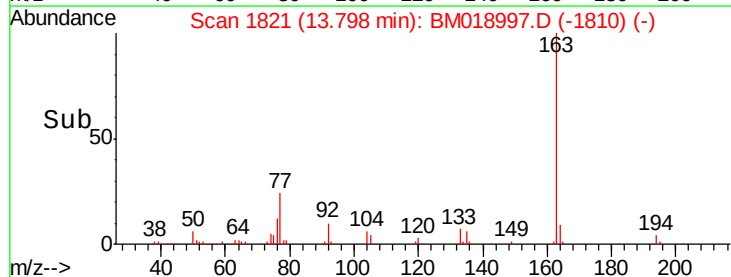
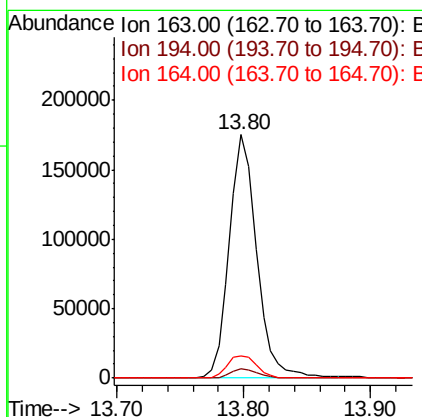
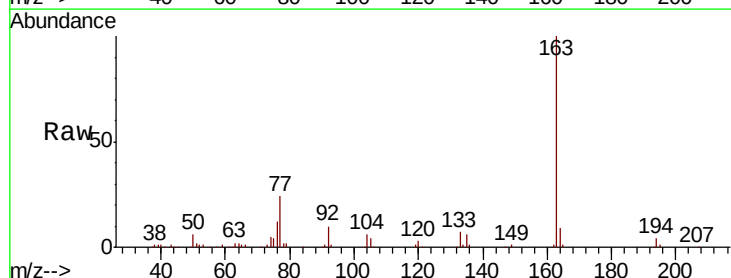
Instrument :
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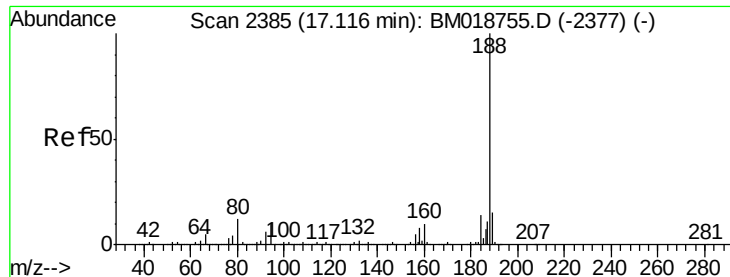
Tgt Ion:172 Resp: 4721517
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 23.5 18.6 28.0



#50
Dimethylphthalate
Concen: 4.731 ng
RT: 13.80 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM018997.D
Acq: 01 Mar 2019 21:20

Tgt Ion:163 Resp: 263625
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.2 7.8 11.8

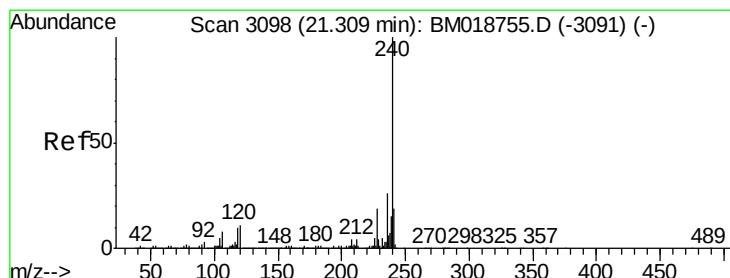
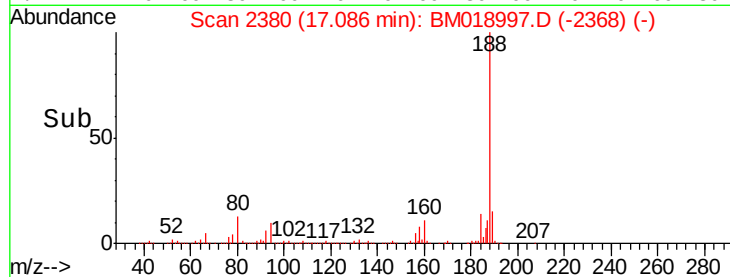
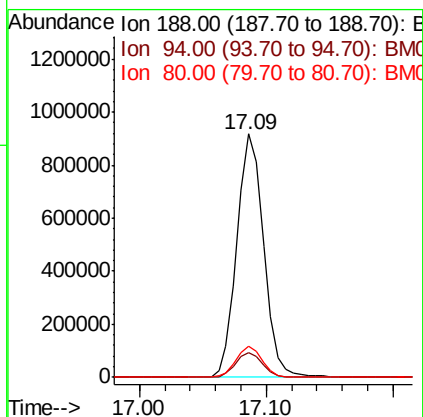
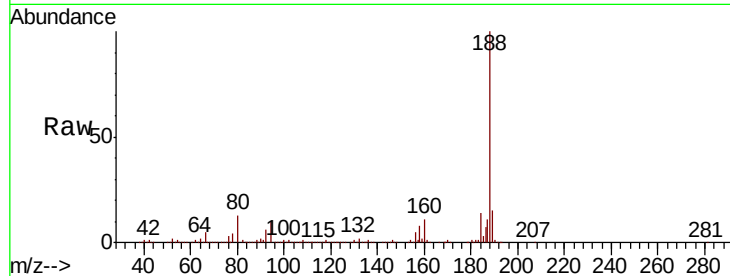




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM018997.D
Acq: 01 Mar 2019 21:20

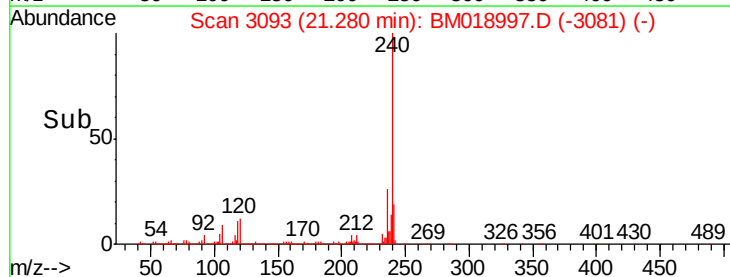
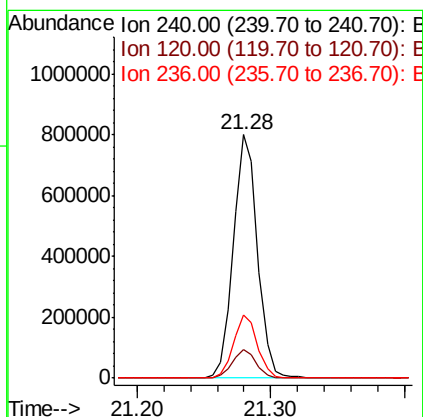
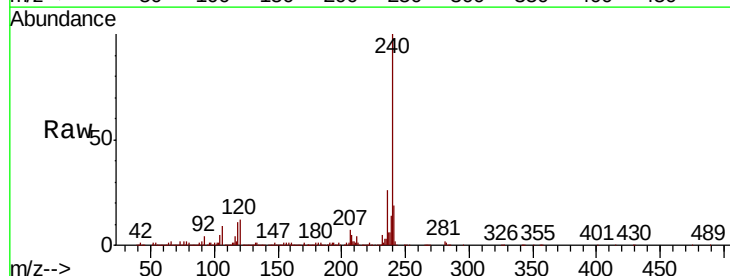
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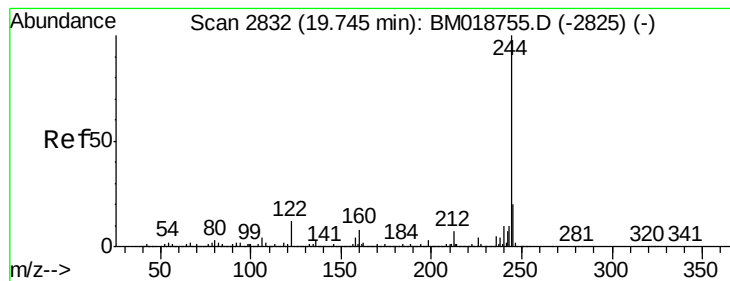
Tgt Ion:188 Resp: 1343813
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 12.9 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BM018997.D
Acq: 01 Mar 2019 21:20

Tgt Ion:240 Resp: 1005948
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 108.467 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.02 min

Lab File: BM018997.D

Acq: 01 Mar 2019 21:20

Instrument :

BNA_M

ClientSampleID :

Z-3-13-B

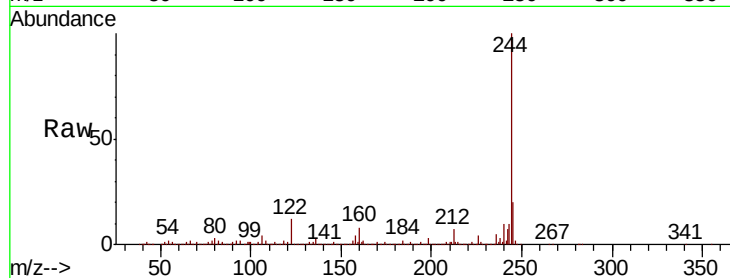
Tgt Ion:244 Resp: 5289274

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

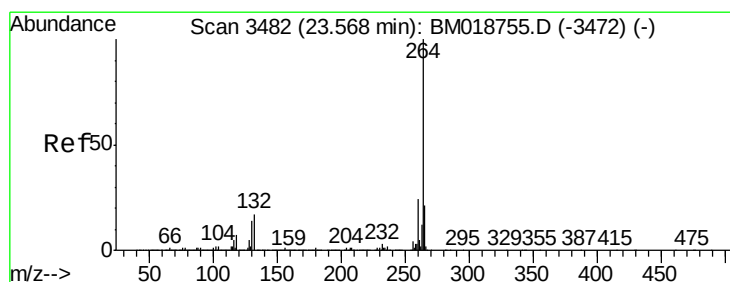
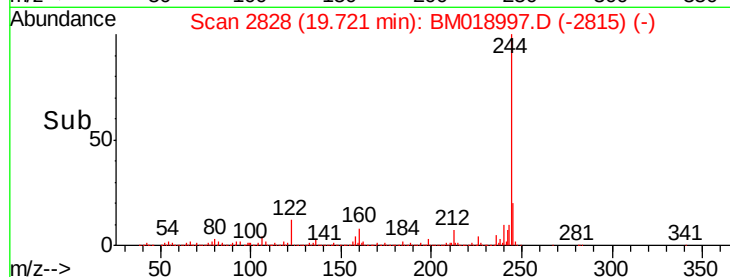
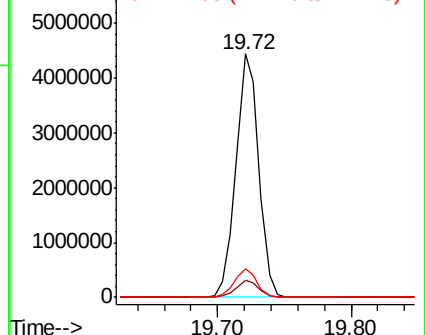
122 11.8 9.3 13.9



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: BM018997.D

Acq: 01 Mar 2019 21:20

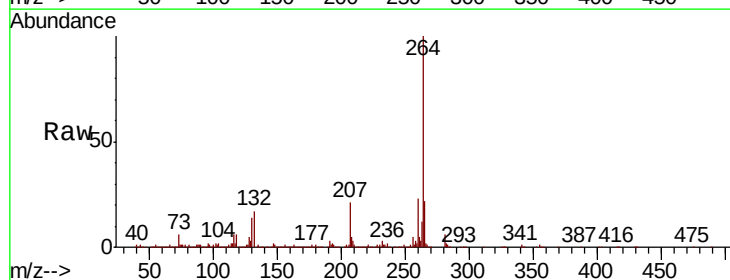
Tgt Ion:264 Resp: 1041841

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.3 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

