

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019008.D
 Acq On : 04 Mar 2019 14:16
 Operator : JU/SJ
 Sample : K1628-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:33:02 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

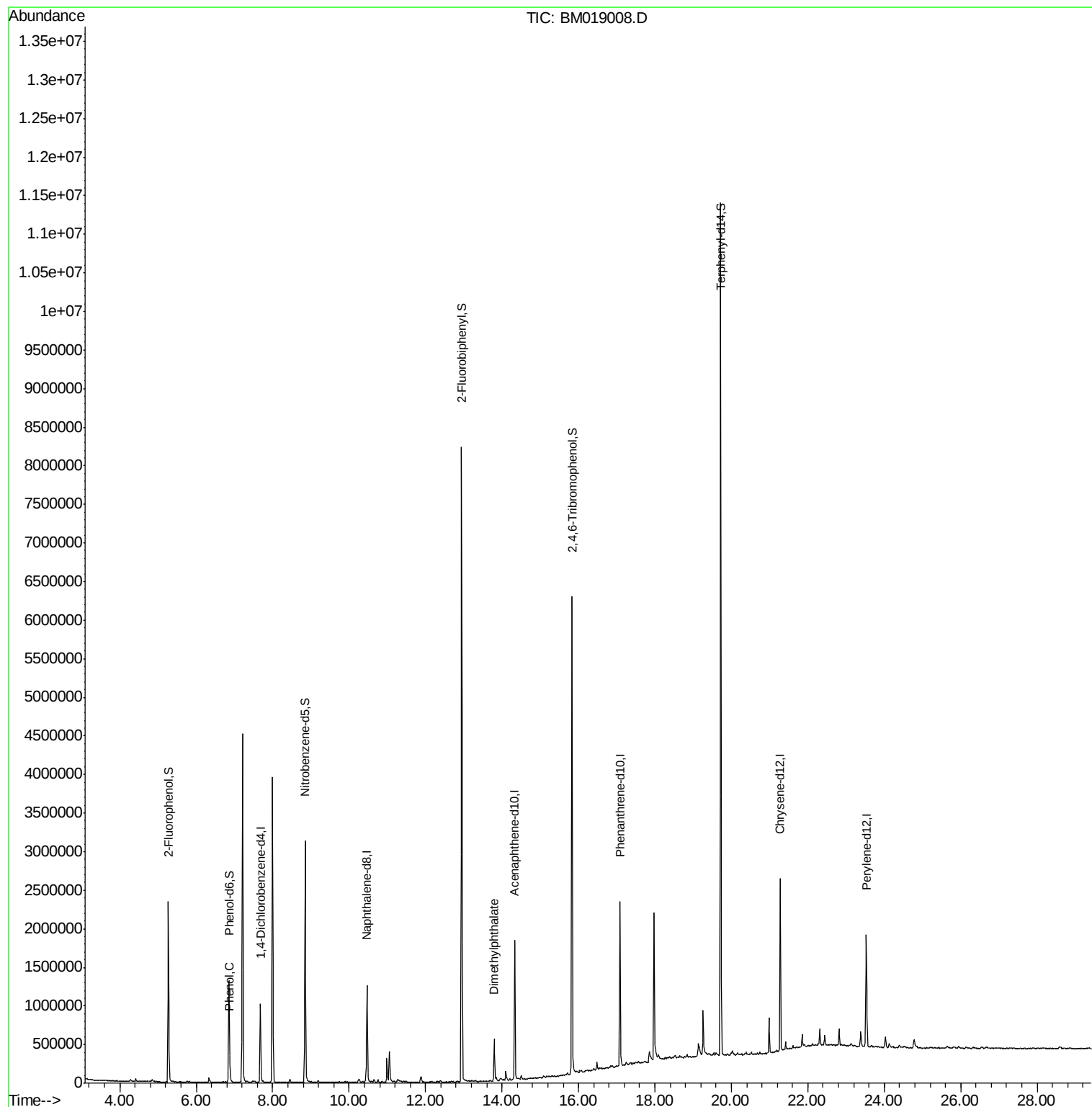
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	260521	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1043145	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	578734	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1188381	20.00	ng	-0.03
76) Chrysene-d12	21.28	240	967320	20.00	ng	-0.03
87) Perylene-d12	23.53	264	968374	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	931773	58.60	ng	-0.03
7) Phenol-d6	6.85	99	790614	35.30	ng	-0.04
23) Nitrobenzene-d5	8.85	82	2005979	88.92	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1107537	132.76	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	4001855	91.79	ng	-0.04
79) Terphenyl-d14	19.72	244	4793029	102.22	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.85	77	3435	Below Cal		Qvalue # 30
10) Phenol	6.88	94	74695	3.169	ng	99
50) Dimethylphthalate	13.80	163	362222	7.510	ng	99

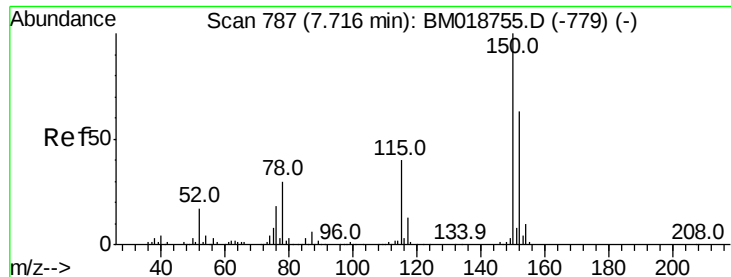
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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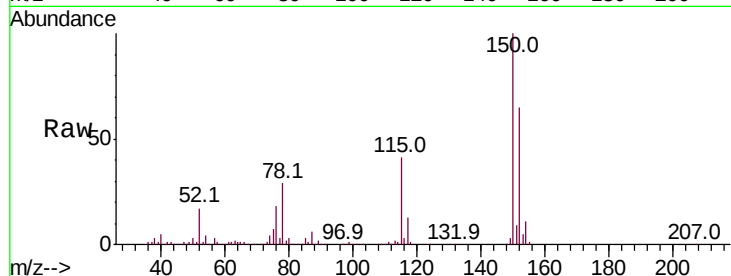


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019008.D
Acq: 04 Mar 2019 14:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.3	190.9
115	62.8	50.8	76.2

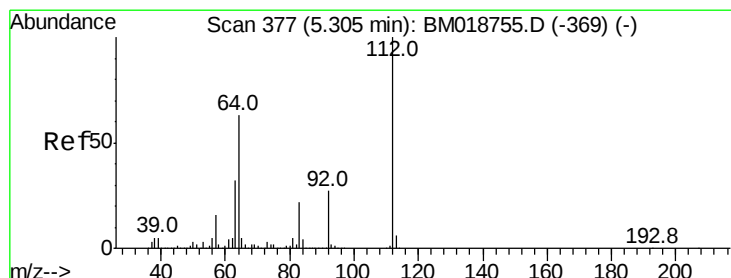
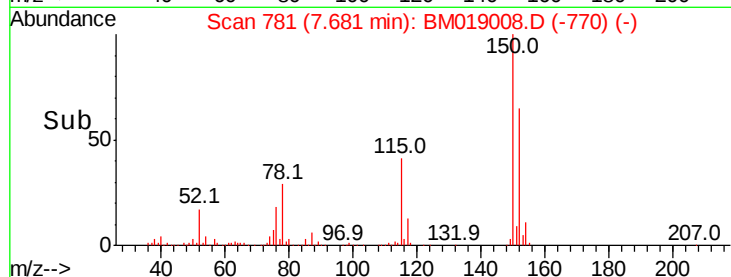
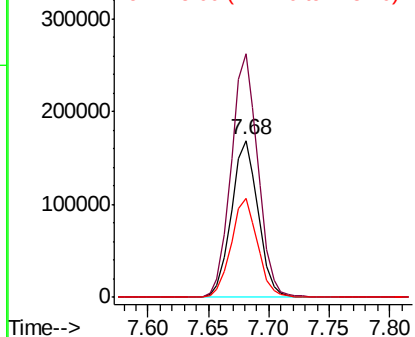


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

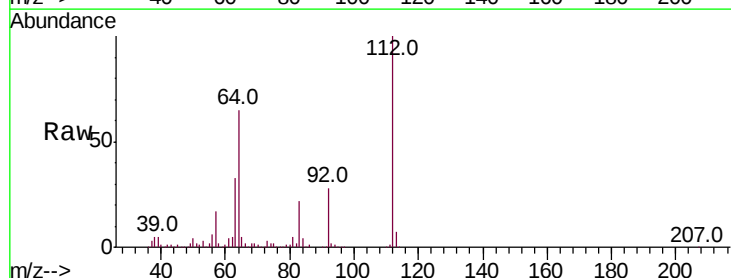
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 58.601 ng
RT: 5.28 min Scan# 372
Delta R.T. -0.03 min
Lab File: BM019008.D
Acq: 04 Mar 2019 14:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	50.6	75.8
63	33.5	25.7	38.5

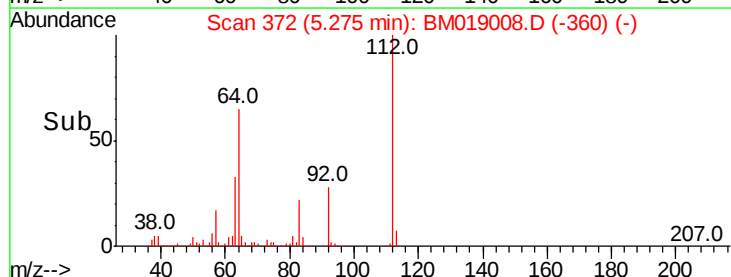
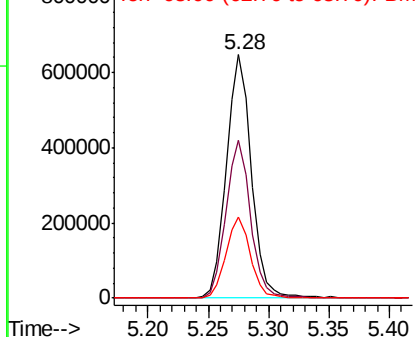


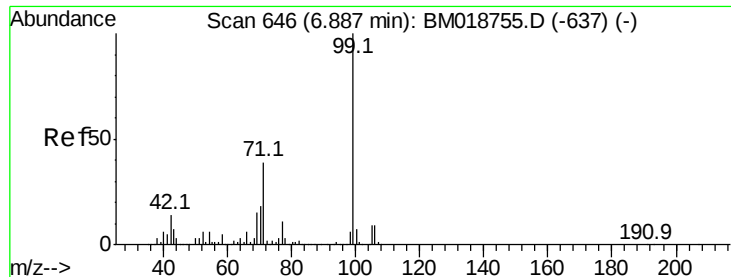
Abundance

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: 35.296 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.04 min

Lab File: BM019008.D

Acq: 04 Mar 2019 14:16

Instrument :

BNA_M

ClientSampleId :

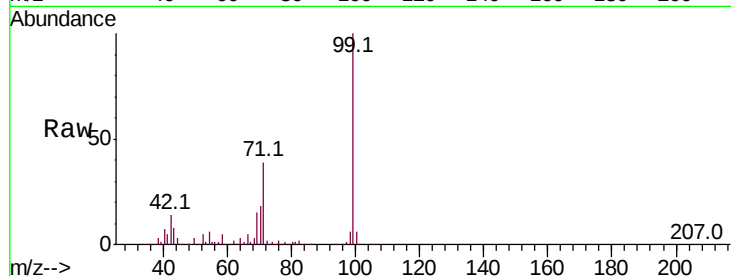
Tot Ion: 99 Resp: 790614

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.6

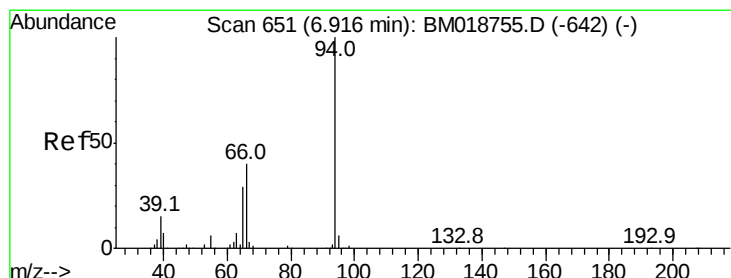
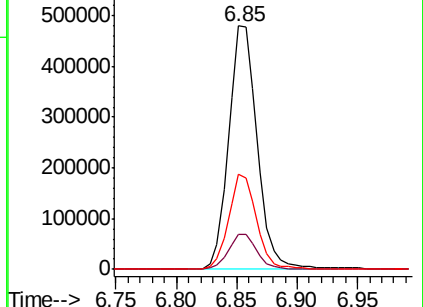
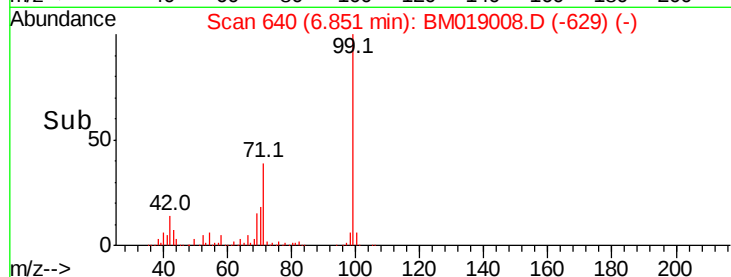
71 39.0 31.3 46.9



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: 3.169 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.04 min

Lab File: BM019008.D

Acq: 04 Mar 2019 14:16

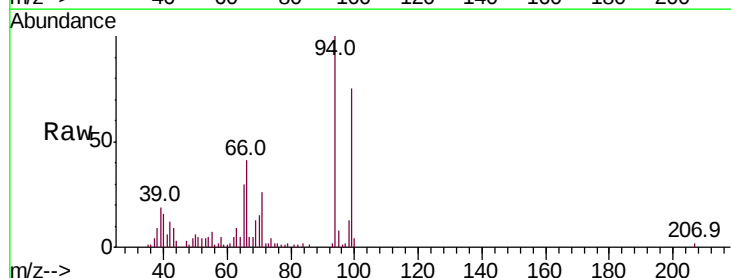
Tgt Ion: 94 Resp: 74695

Ion Ratio Lower Upper

94 100

65 30.0 9.6 49.6

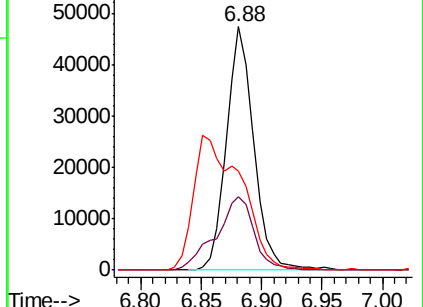
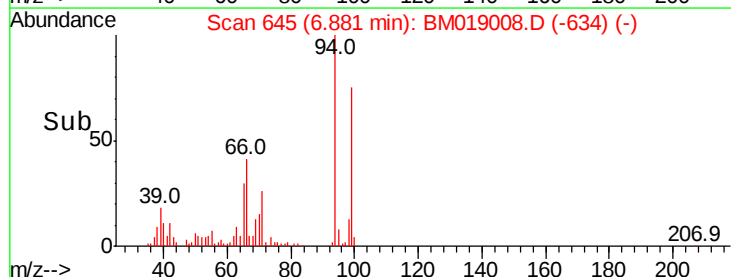
66 40.8 20.4 60.4

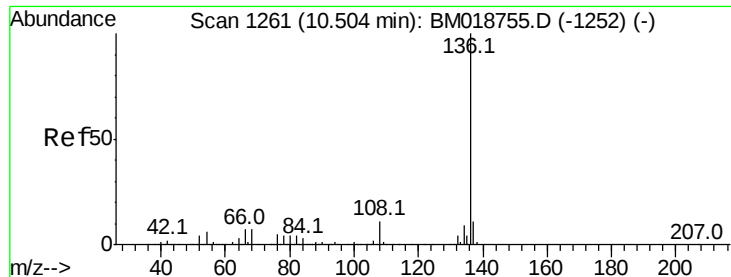


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

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: BM019008.D

Acq: 04 Mar 2019 14:16

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1043145

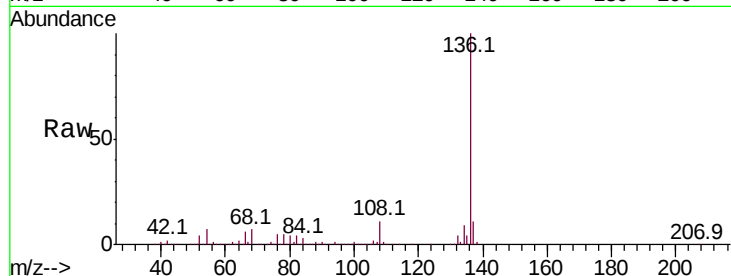
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.6 5.0 7.6

68 7.5 5.5 8.3

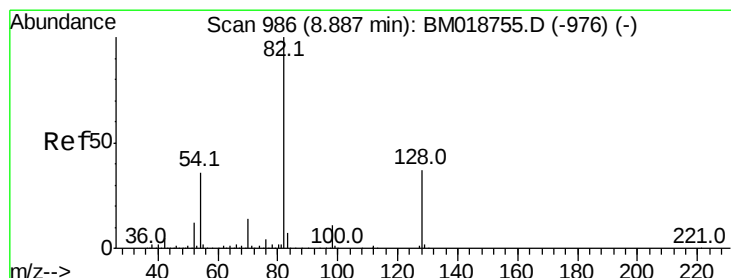
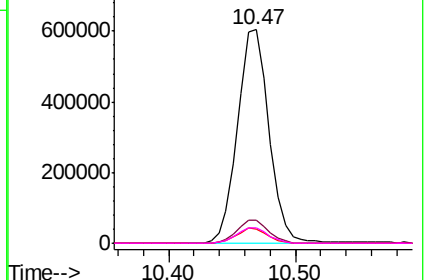
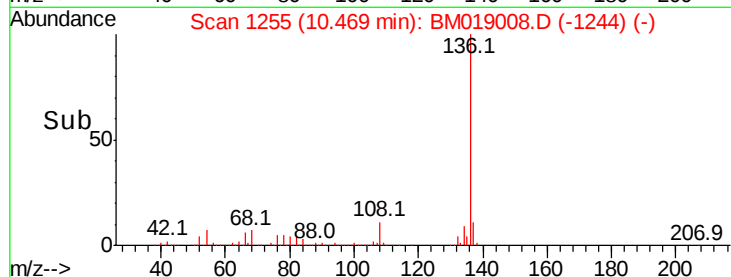


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.917 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.04 min

Lab File: BM019008.D

Acq: 04 Mar 2019 14:16

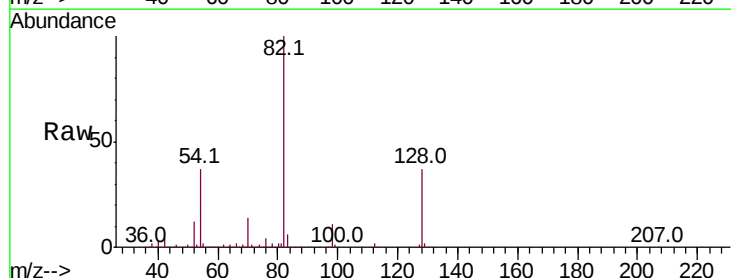
Tgt Ion: 82 Resp: 2005979

Ion Ratio Lower Upper

82 100

128 37.1 29.9 44.9

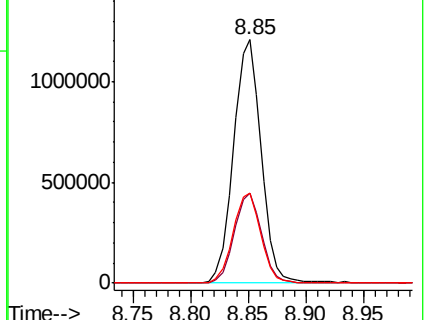
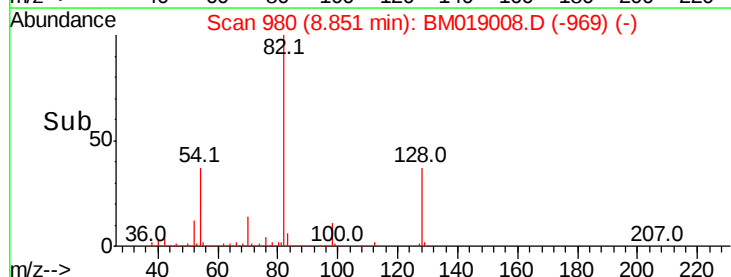
54 36.9 29.1 43.7

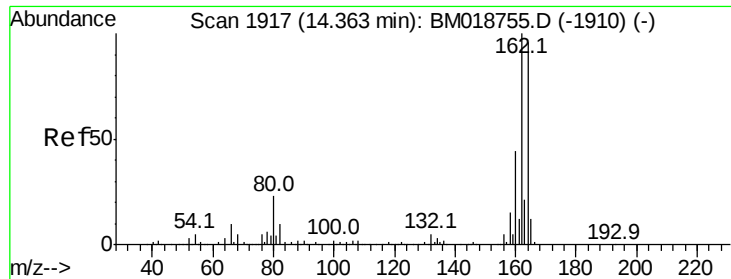


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

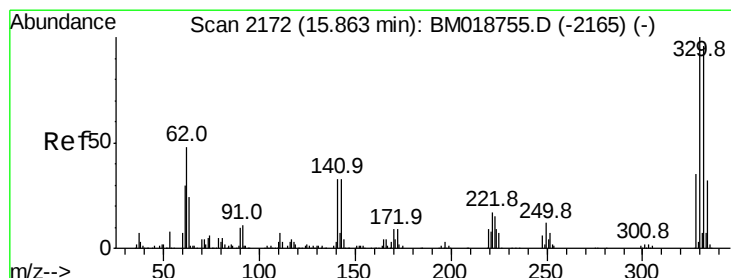
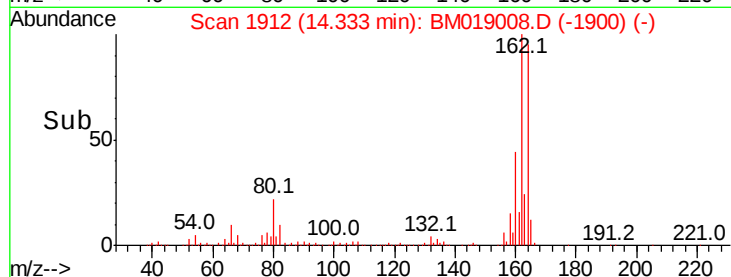
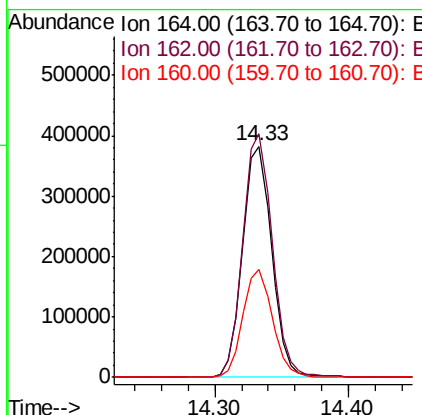
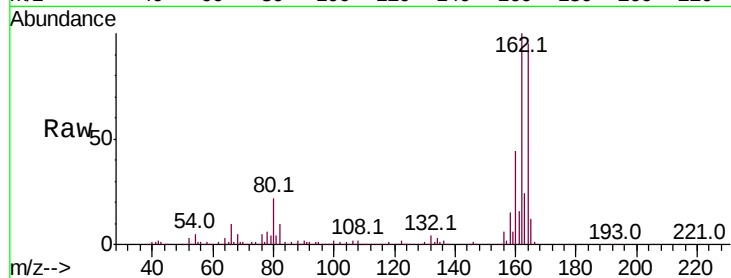




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.03 min
 Lab File: BM019008.D
 Acq: 04 Mar 2019 14:16

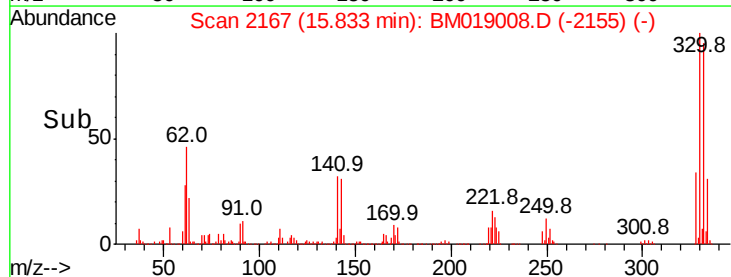
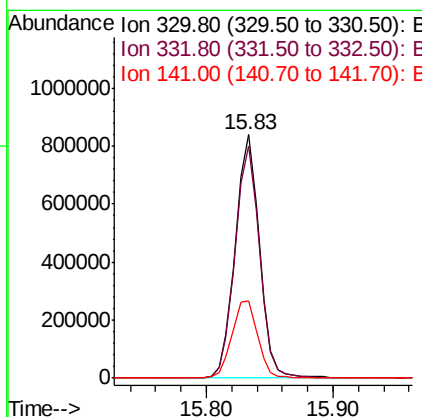
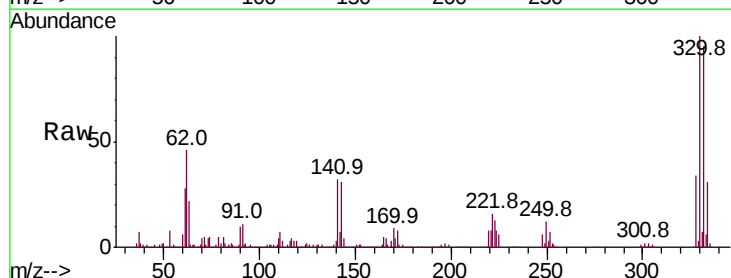
Instrument :
 BNA_M
 ClientSampleId :

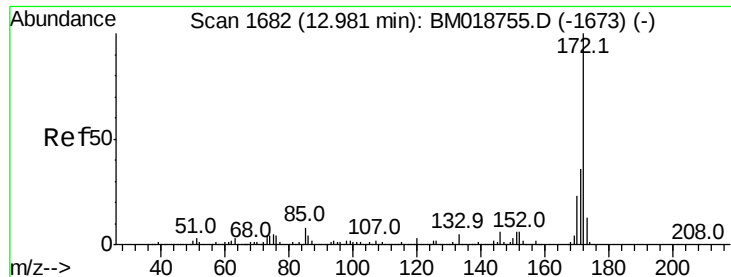
Tot Ion:164 Resp: 578734
 Ion Ratio Lower Upper
 164 100
 162 105.2 83.4 125.0
 160 46.7 36.6 55.0



#42
 2,4,6-Tribromophenol
 Concen: 132.762 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM019008.D
 Acq: 04 Mar 2019 14:16

Tgt Ion:330 Resp: 1107537
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.9 115.3
 141 33.8 28.7 43.1

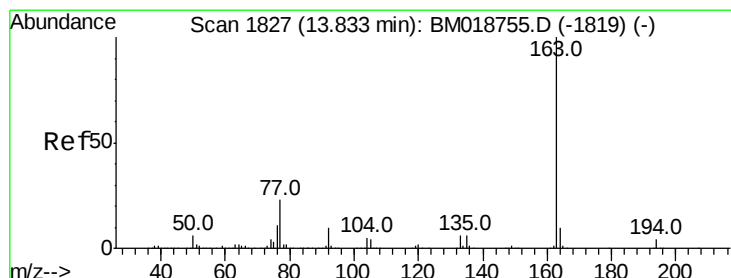
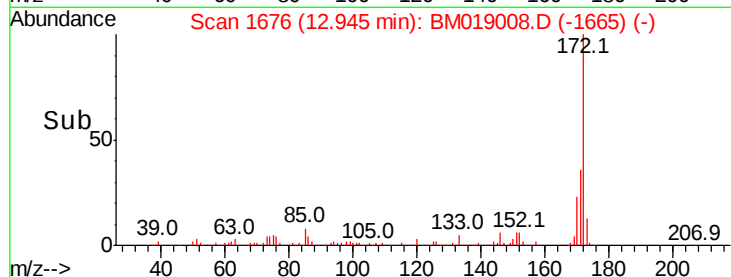
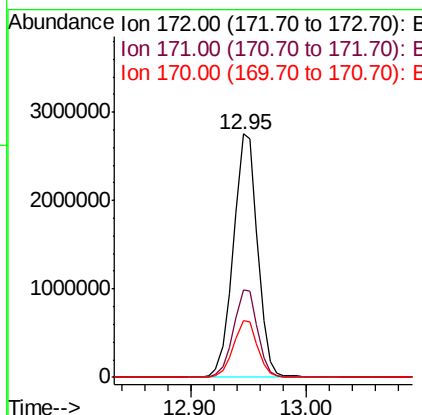
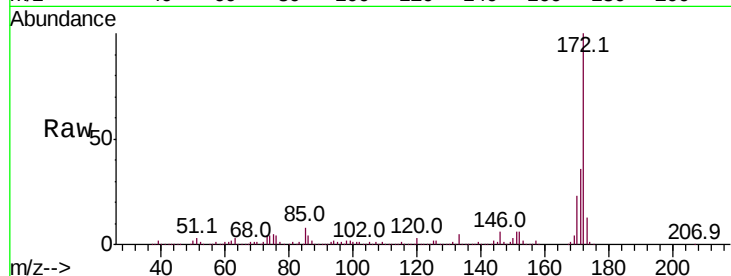




#45
2-Fluorobiphenyl
Concen: 91.793 ng
RT: 12.95 min Scan# 1676
Delta R.T. -0.04 min
Lab File: BM019008.D
Acq: 04 Mar 2019 14:16

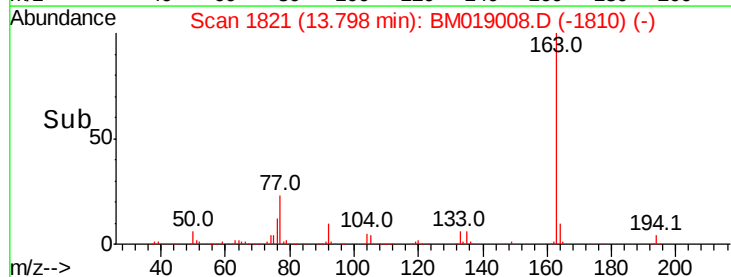
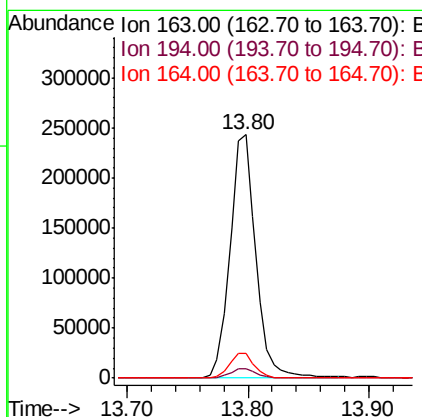
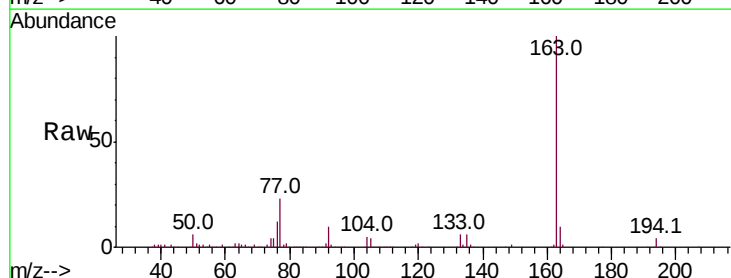
Instrument :
BNA_M
ClientSampleId :

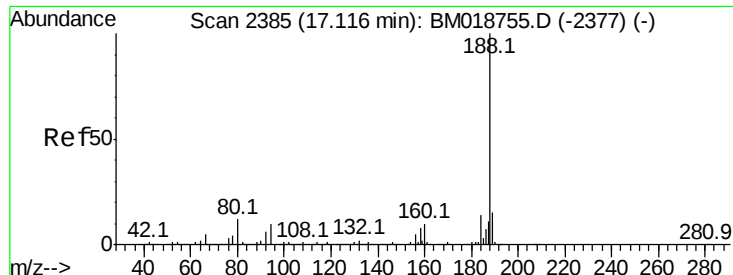
Tot Ion:172 Resp: 4001855
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.2 18.6 28.0



#50
Dimethylphthalate
Concen: 7.510 ng
RT: 13.80 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM019008.D
Acq: 04 Mar 2019 14:16

Tgt Ion:163 Resp: 362222
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 7.8 11.8

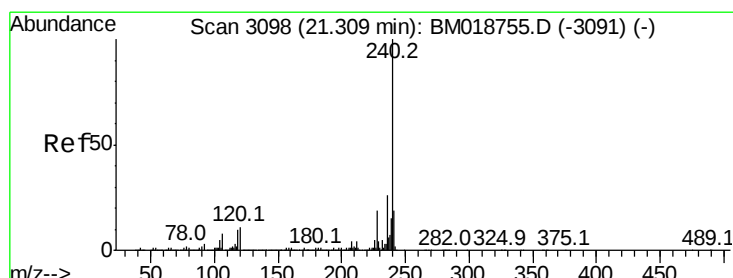
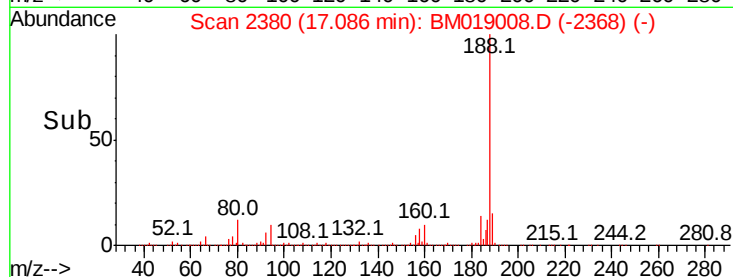
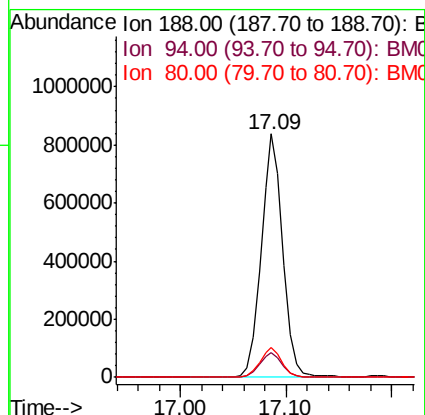
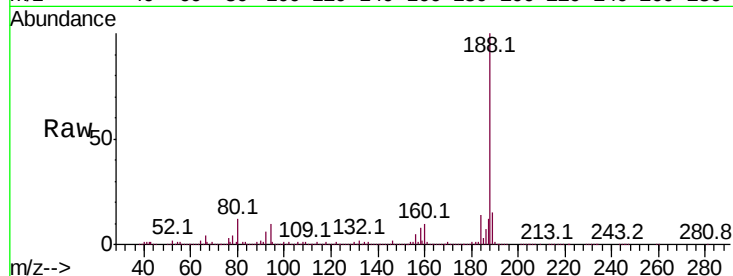




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM019008.D
Acq: 04 Mar 2019 14:16

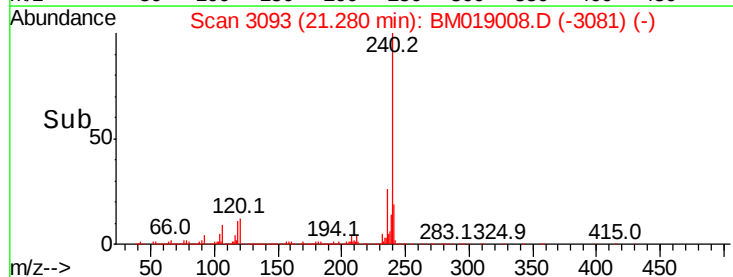
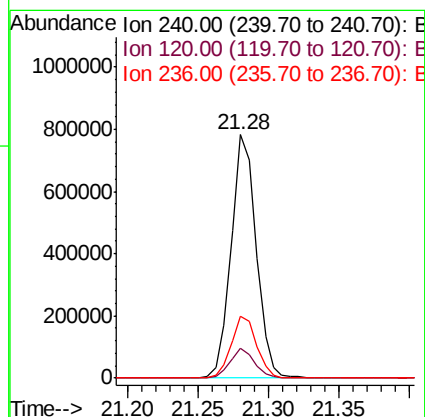
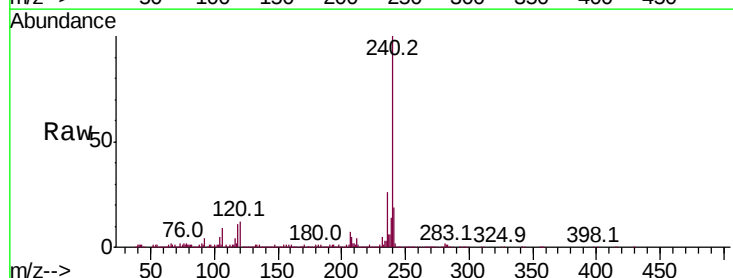
Instrument :
BNA_M
ClientSampleId :

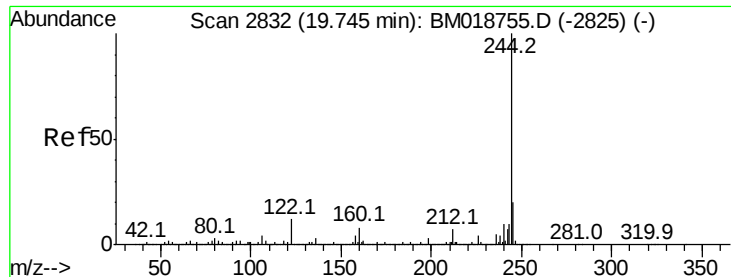
Tot Ion:188 Resp: 1188381
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 12.4 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BM019008.D
Acq: 04 Mar 2019 14:16

Tgt Ion:240 Resp: 967320
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 25.7 20.9 31.3

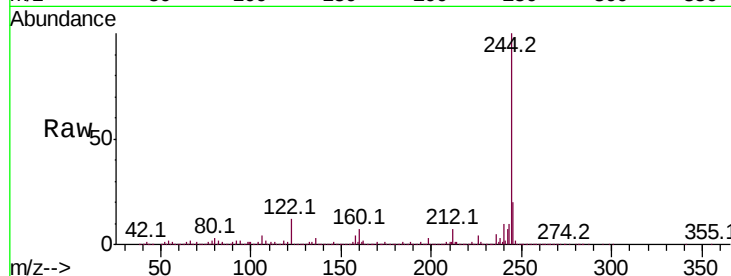




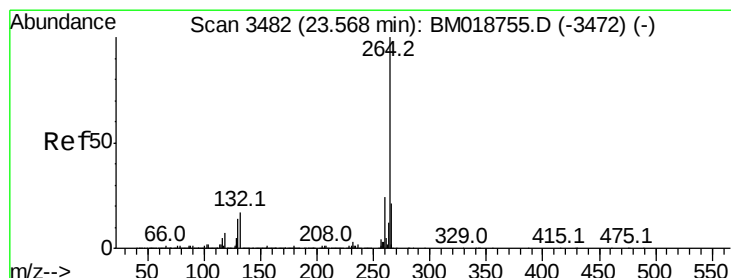
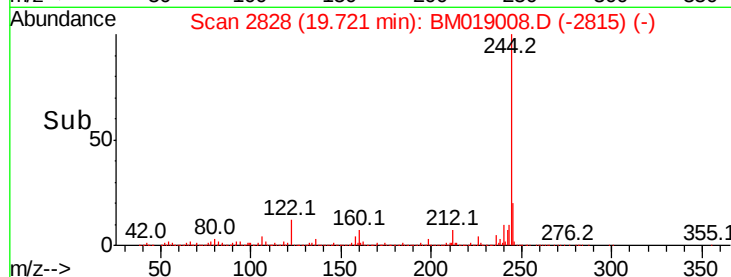
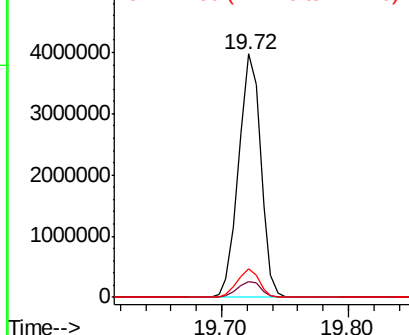
#79
 Terphenyl-d14
 Concen: 102.216 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.02 min
 Lab File: BM019008.D
 Acq: 04 Mar 2019 14:16

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 4793029
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.6 9.3 13.9

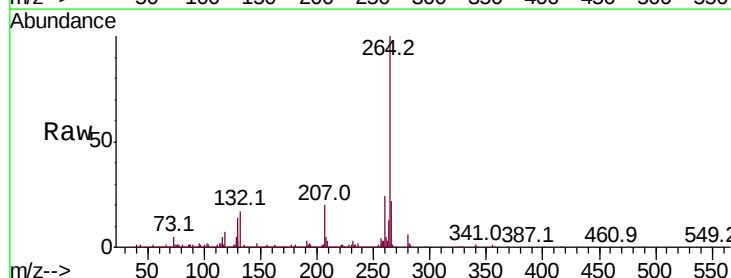


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.53 min Scan# 3476
 Delta R.T. -0.04 min
 Lab File: BM019008.D
 Acq: 04 Mar 2019 14:16

Tgt Ion:264 Resp: 968374
 Ion Ratio Lower Upper
 264 100
 260 23.6 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

