

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030819\
 Data File : BM019072.D
 Acq On : 08 Mar 2019 14:19
 Operator : JU/SJ
 Sample : K1807-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 08 23:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

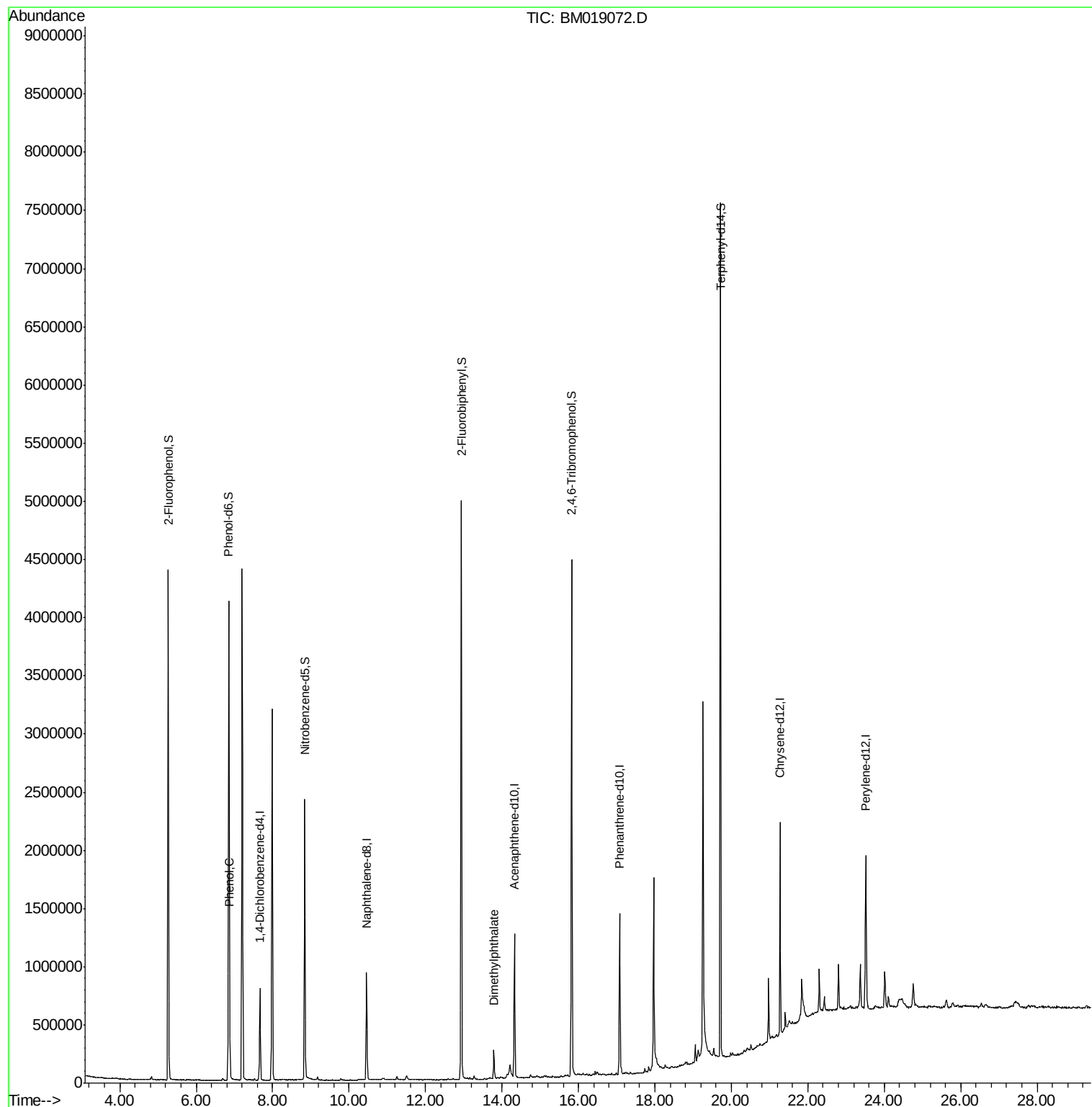
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	202471	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	740597	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	397392	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	825341	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	799248	20.00	ng	-0.01
87) Perylene-d12	23.51	264	911754	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1757990	142.26	ng	0.00
7) Phenol-d6	6.85	99	2382303	136.85	ng	0.00
23) Nitrobenzene-d5	8.84	82	1501540	93.75	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	840478	146.72	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	2565886	85.71	ng	-0.01
79) Terphenyl-d14	19.72	244	3209851	82.85	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.85	77	7608	Below Cal		Qvalue # 7
10) Phenol	6.87	94	146191	7.981	ng	94
50) Dimethylphthalate	13.79	163	152985	4.619	ng	98

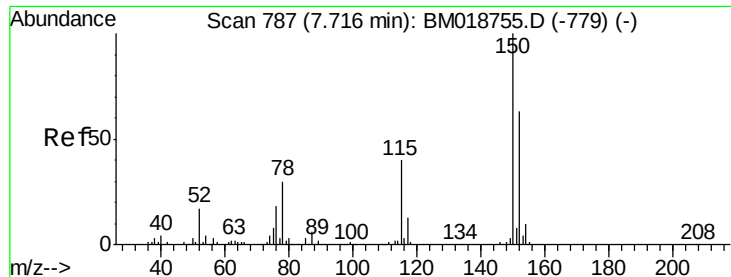
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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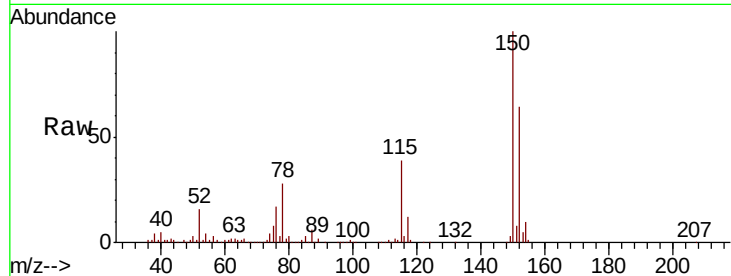


#1

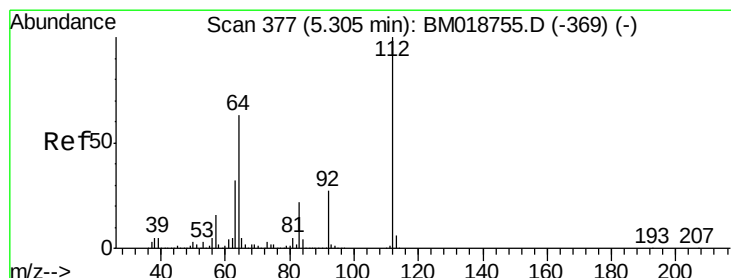
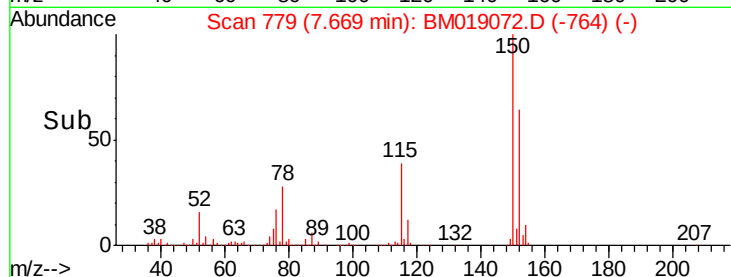
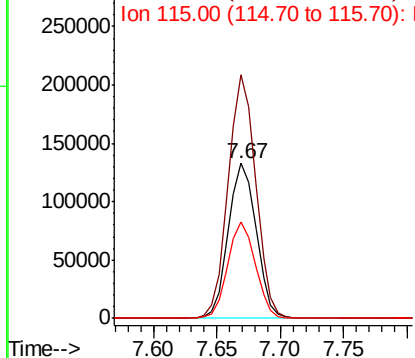
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM019072.D
Acq: 08 Mar 2019 14:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 202471
Ion Ratio Lower Upper
152 100
150 157.0 127.3 190.9
115 61.9 50.8 76.2



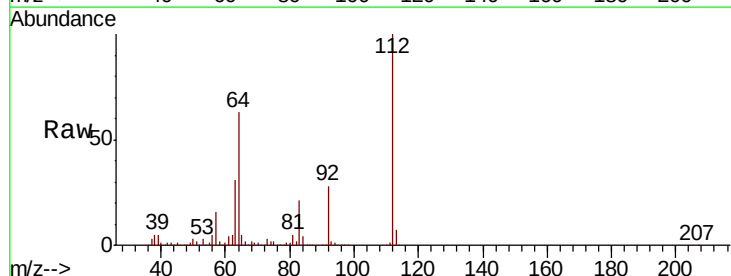
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



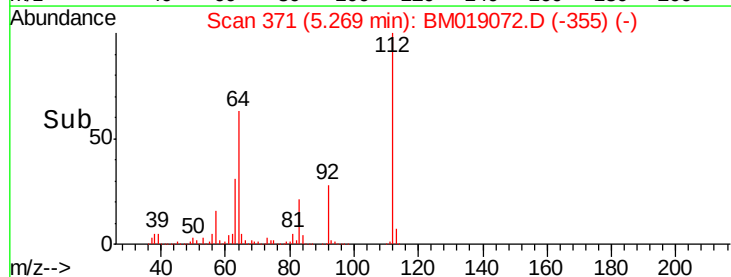
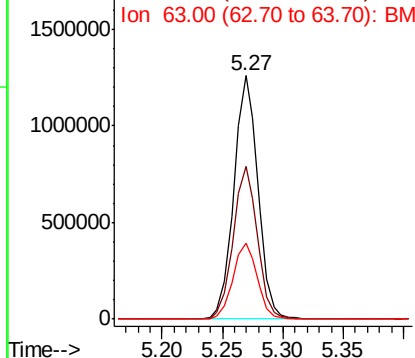
#5

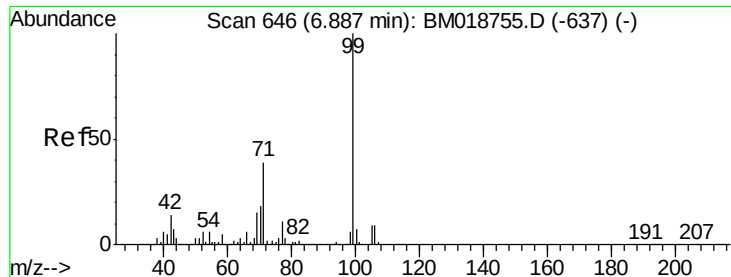
2-Fluorophenol
Concen: 142.263 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM019072.D
Acq: 08 Mar 2019 14:19

Tgt Ion:112 Resp: 1757990
Ion Ratio Lower Upper
112 100
64 62.6 50.6 75.8
63 31.4 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: 136.848 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019072.D

Acq: 08 Mar 2019 14:19

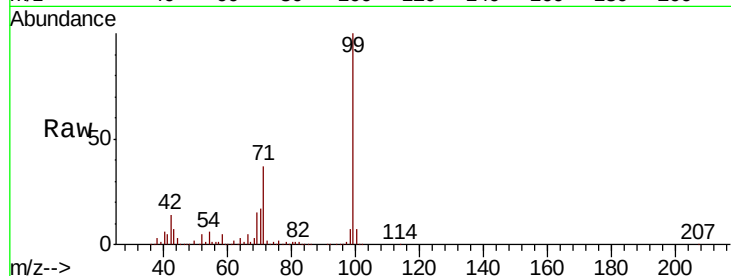
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2382303

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.0	16.6
71	37.5	31.3	46.9

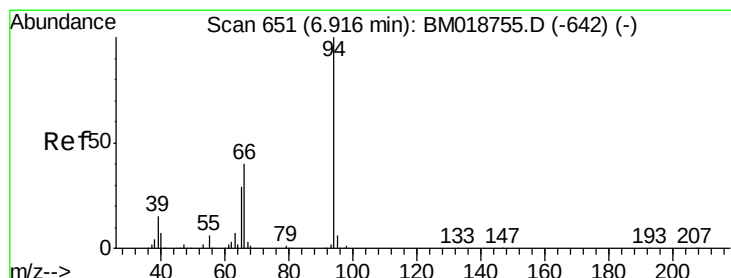
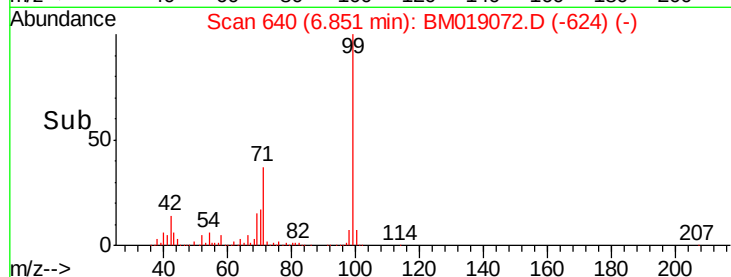
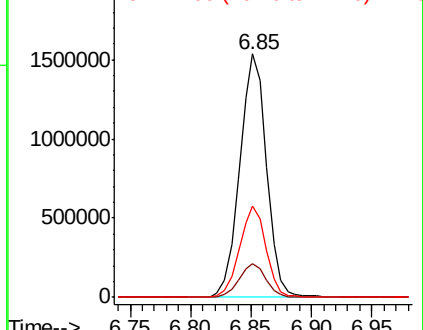


Abundance

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: 7.981 ng

RT: 6.87 min Scan# 644

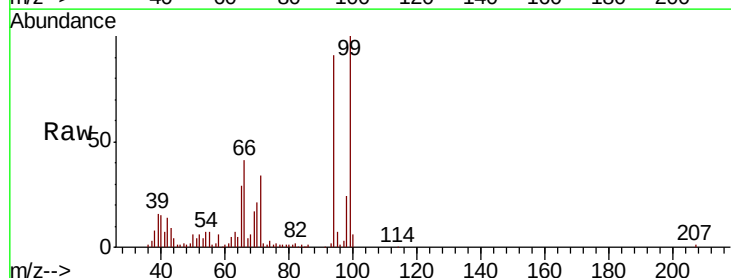
Delta R.T. -0.01 min

Lab File: BM019072.D

Acq: 08 Mar 2019 14:19

Tgt Ion: 94 Resp: 146191

Ion	Ratio	Lower	Upper
94	100		
65	32.2	9.6	49.6
66	44.6	20.4	60.4

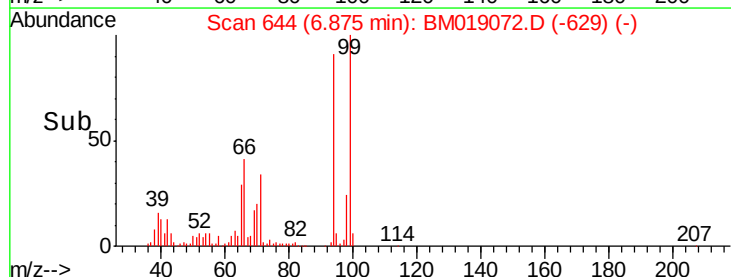
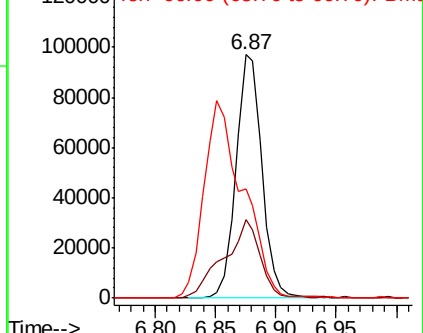


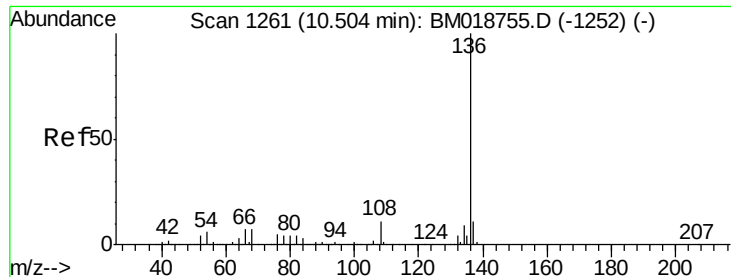
Abundance

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) (-)

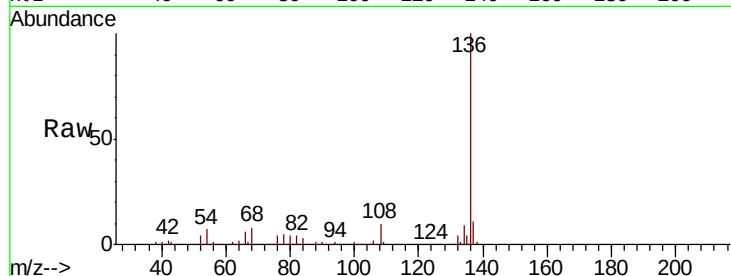




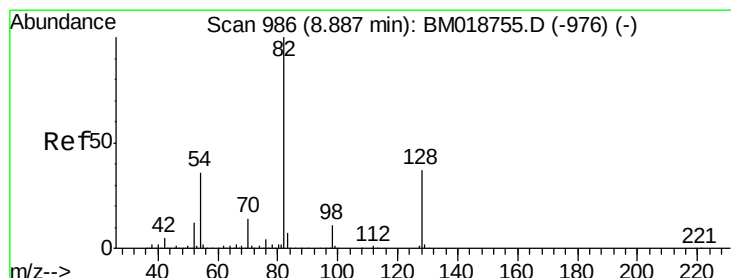
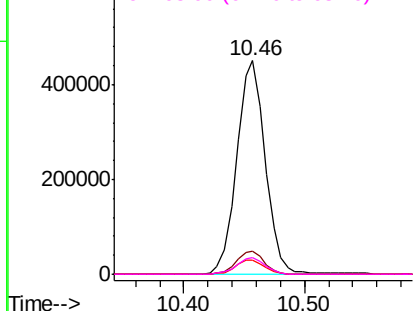
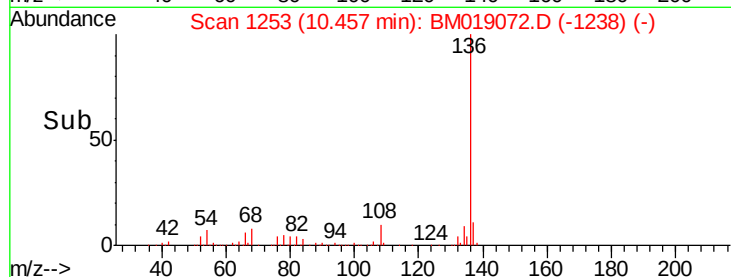
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019072.D
Acq: 08 Mar 2019 14:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	740597
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.8	13.2
54 6.8	5.0	7.6
68 7.9	5.5	8.3

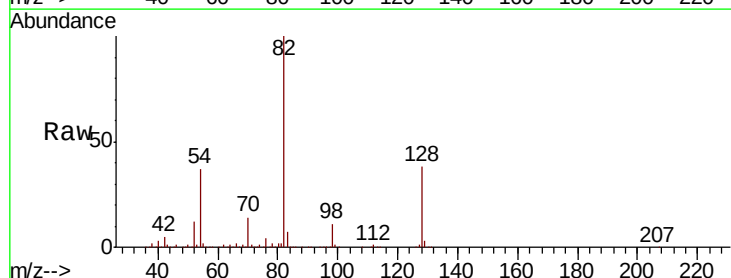


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

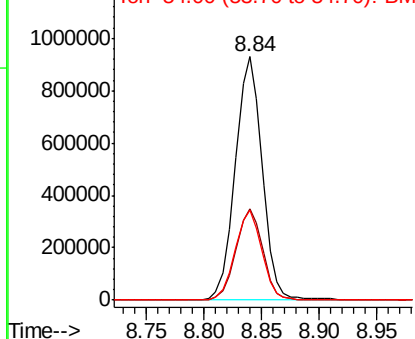
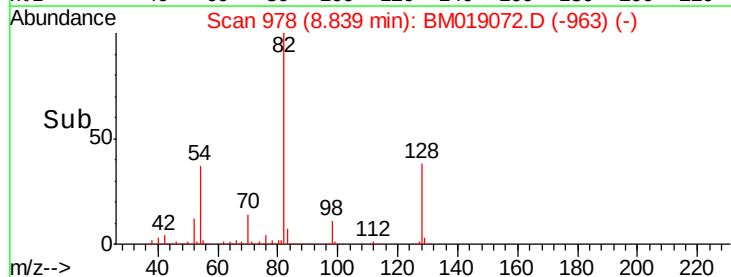


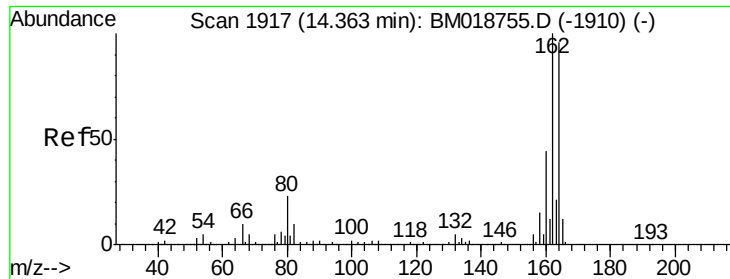
#23
Nitrobenzene-d5
Concen: 93.748 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM019072.D
Acq: 08 Mar 2019 14:19

Tgt Ion: 82	Resp: 1501540
Ion Ratio	Lower Upper
82 100	
128 37.6	29.9 44.9
54 36.7	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

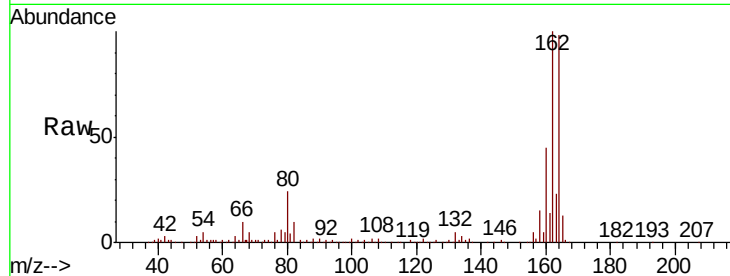




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BM019072.D
 Acq: 08 Mar 2019 14:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.4	125.0
160	45.3	36.6	55.0

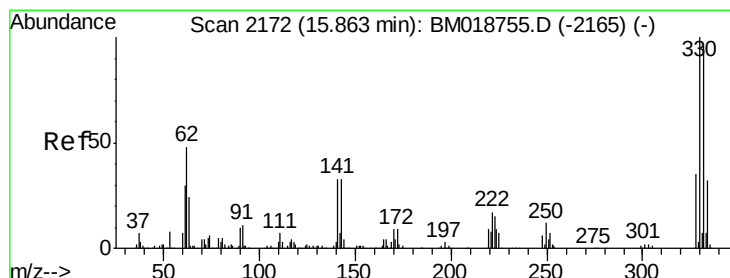
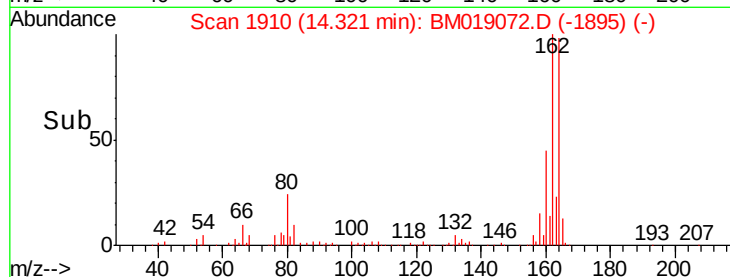
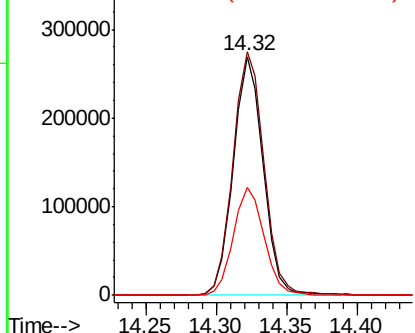


Abundance

Ion 164.00 (163.70 to 164.70): E

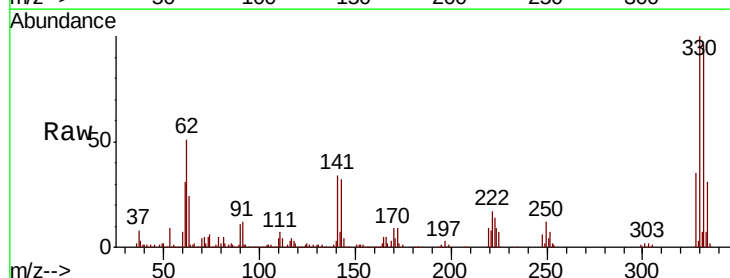
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
 2,4,6-Tribromophenol
 Concen: 146.724 ng
 RT: 15.82 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BM019072.D
 Acq: 08 Mar 2019 14:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	32.9	28.7	43.1

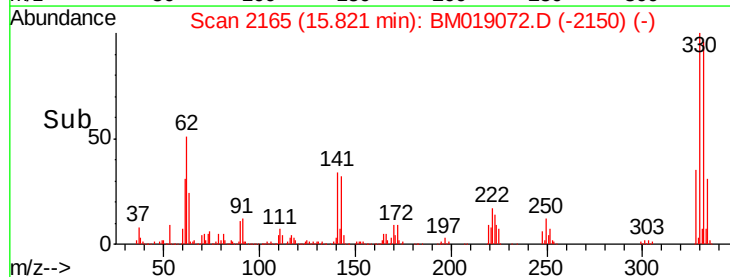
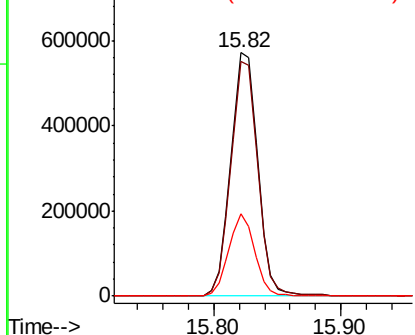


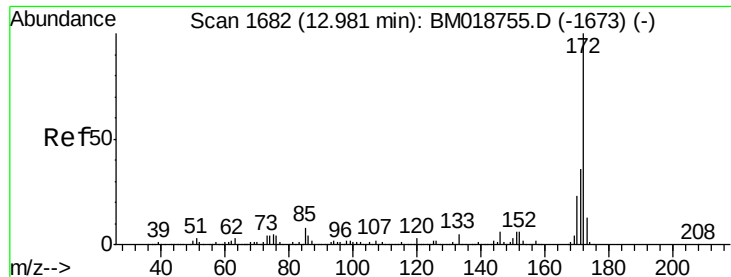
Abundance

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

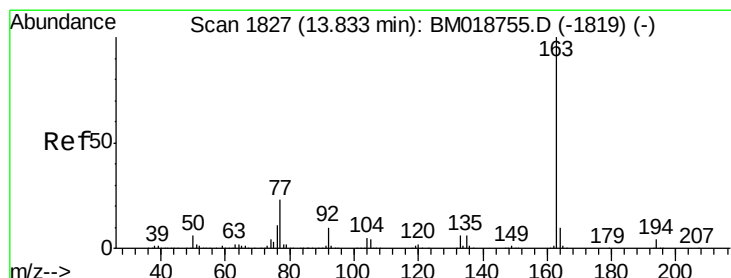
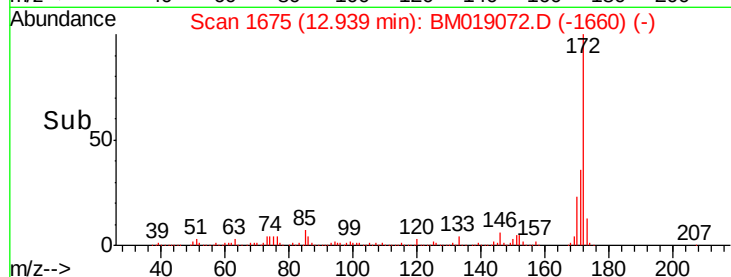
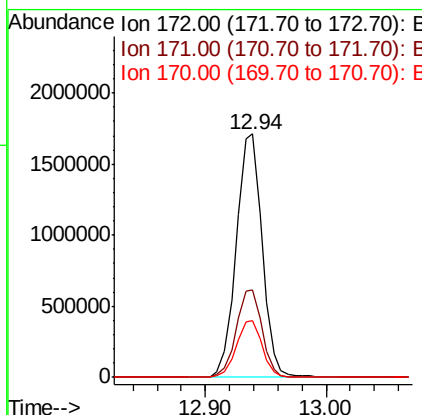
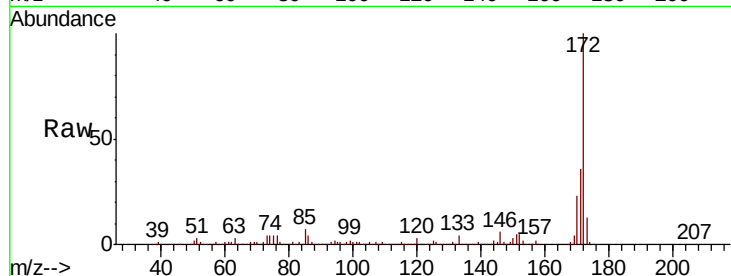




#45
2-Fluorobiphenyl
Concen: 85.713 ng
RT: 12.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BM019072.D
Acq: 08 Mar 2019 14:19

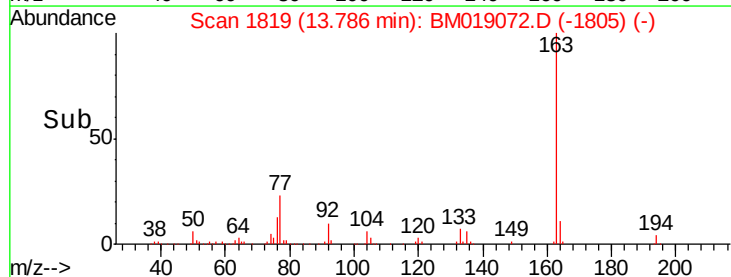
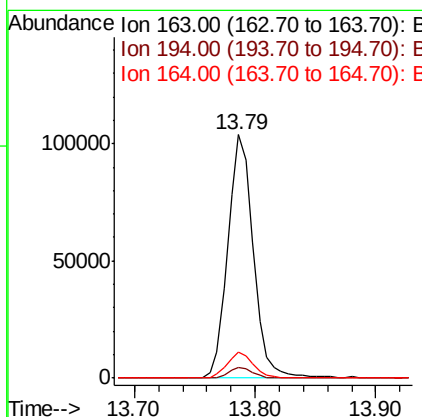
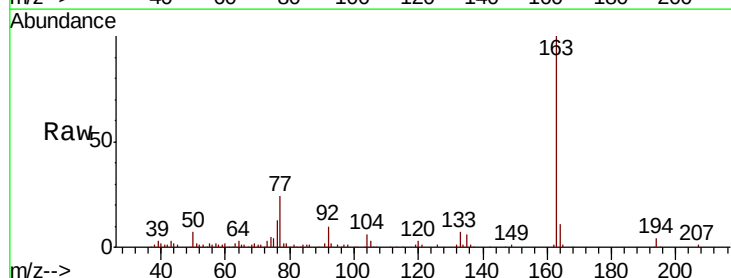
Instrument :
BNA_M
ClientSampled :

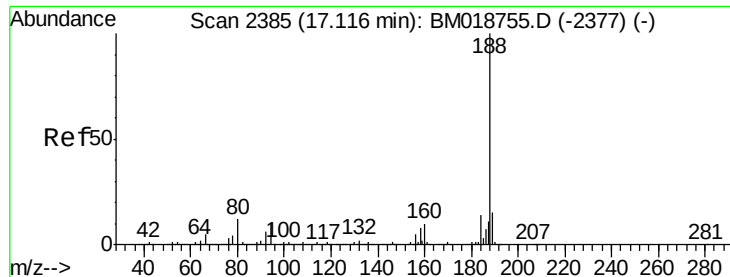
Tot Ion:172 Resp: 2565886
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.1 18.6 28.0



#50
Dimethylphthalate
Concen: 4.619 ng
RT: 13.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BM019072.D
Acq: 08 Mar 2019 14:19

Tgt Ion:163 Resp: 152985
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 10.8 7.8 11.8

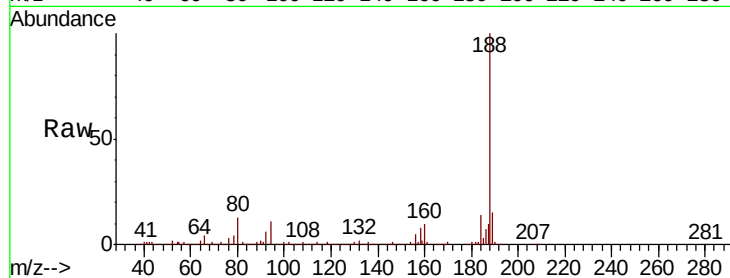




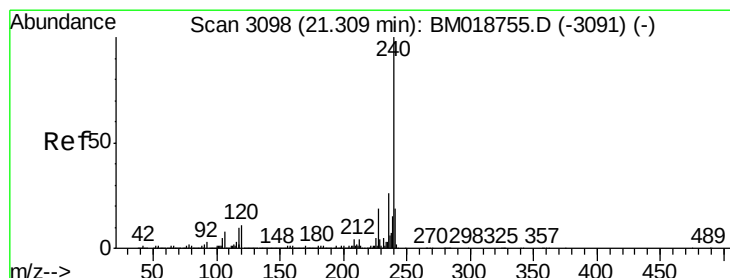
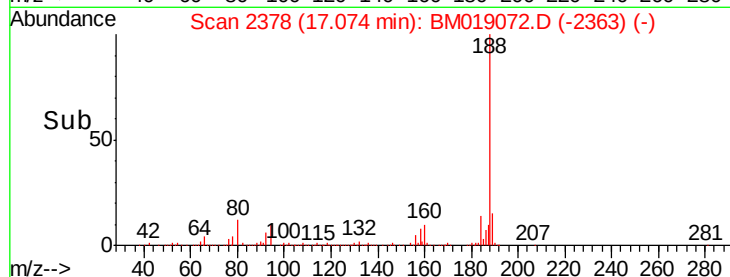
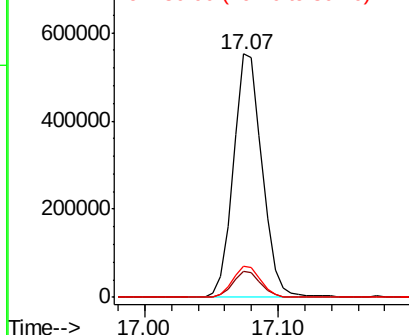
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM019072.D
Acq: 08 Mar 2019 14:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 825341
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 12.6 9.7 14.5

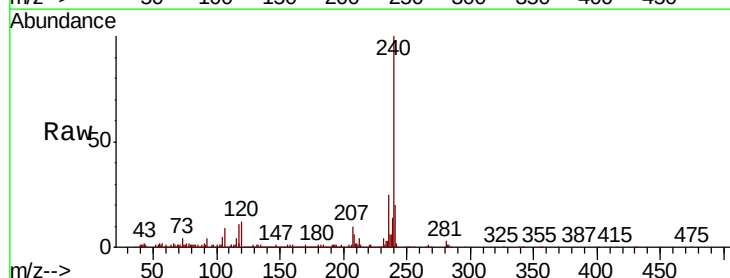


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

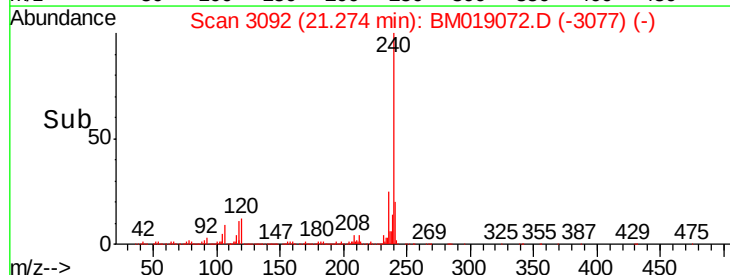
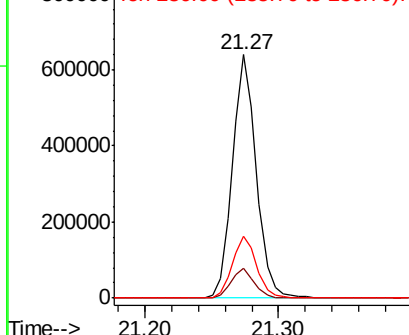


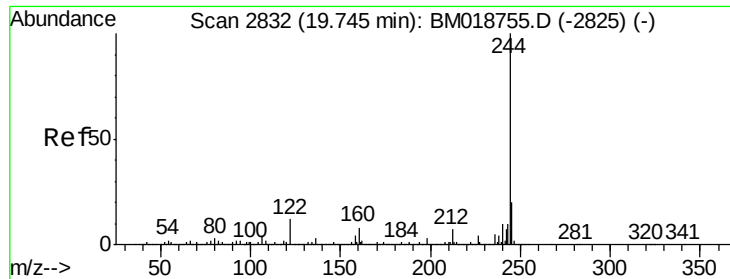
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019072.D
Acq: 08 Mar 2019 14:19

Tgt Ion:240 Resp: 799248
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.4 20.9 31.3



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: 82.848 ng

RT: 19.72 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM019072.D

Acq: 08 Mar 2019 14:19

Instrument :

BNA_M

ClientSampleId :

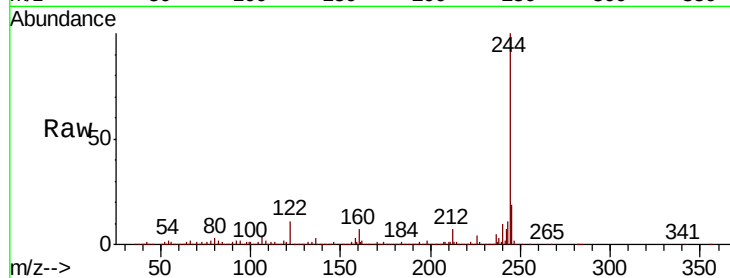
Tot Ion:244 Resp: 3209851

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

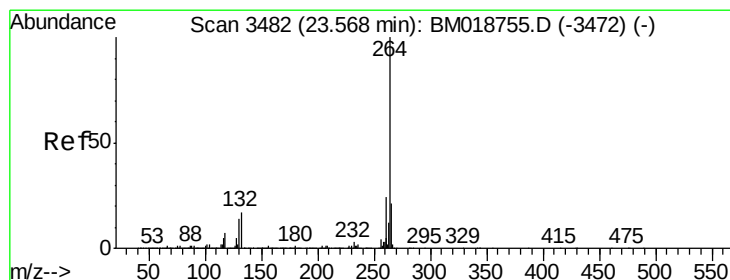
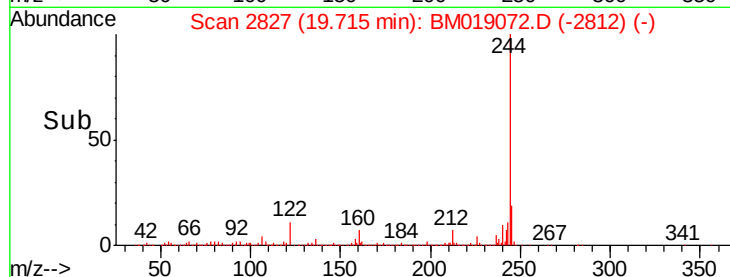
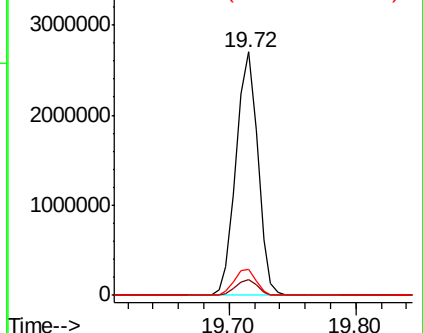
122 10.9 9.3 13.9



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: 23.51 min Scan# 3473

Delta R.T. -0.02 min

Lab File: BM019072.D

Acq: 08 Mar 2019 14:19

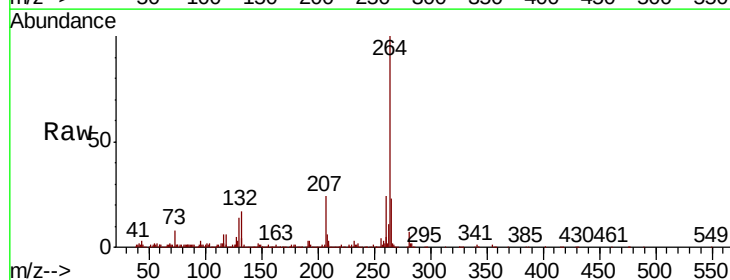
Tgt Ion:264 Resp: 911754

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.6 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

