

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019151.D
 Acq On : 13 Mar 2019 18:16
 Operator : JU/SJ
 Sample : K1861-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 14 06:56:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

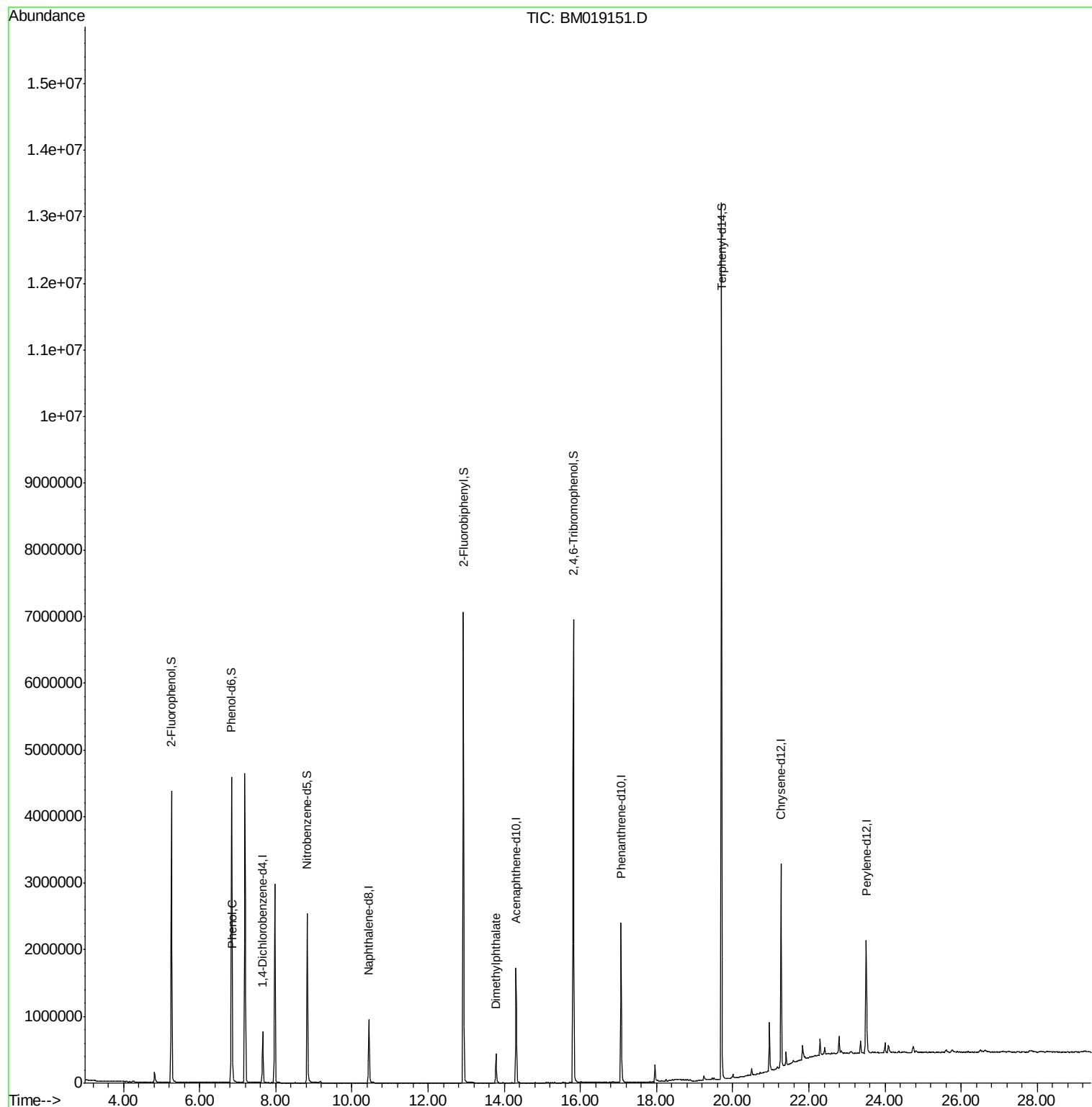
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	196542	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	818465	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	554916	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1319749	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1357194	20.00	ng	0.00
87) Perylene-d12	23.50	264	1231091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1776944	146.42	ng	0.00
7) Phenol-d6	6.84	99	2684939	151.25	ng	0.00
23) Nitrobenzene-d5	8.83	82	1618751	93.49	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1335894	163.05	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3484179	81.67	ng	0.00
79) Terphenyl-d14	19.71	244	6069489	88.78	ng	0.00
Target Compounds						
10) Phenol	6.86	94	64036	3.347	ng	Qvalue # 76
50) Dimethylphthalate	13.78	163	297600	6.269	ng	98

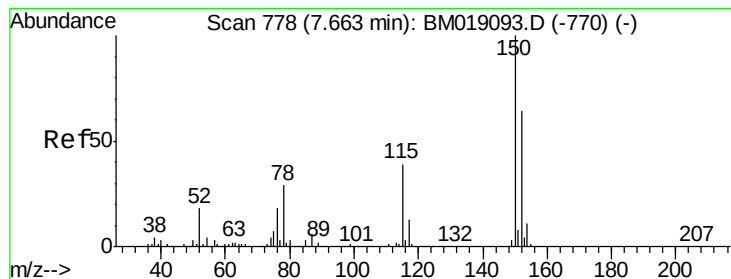
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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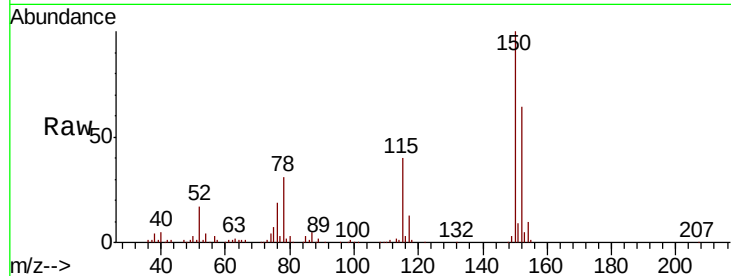


#1

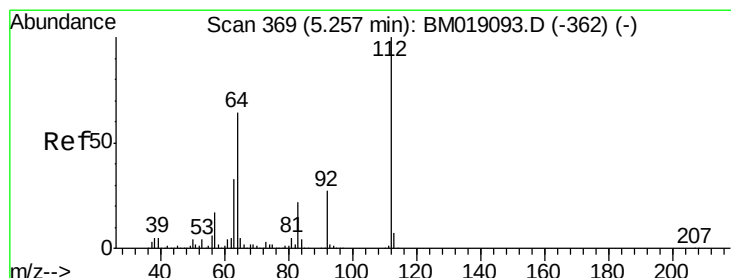
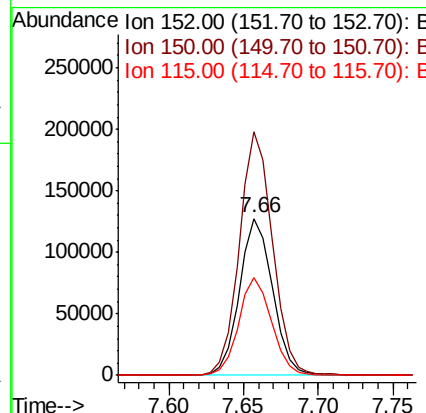
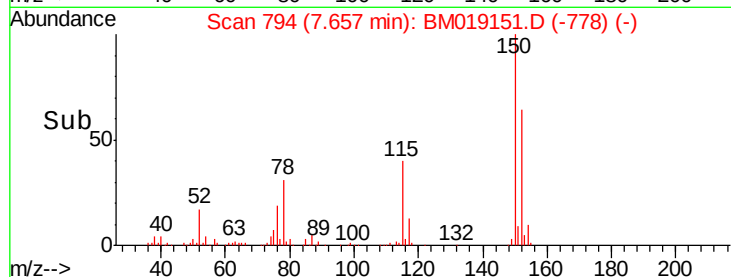
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019151.D
Acq: 13 Mar 2019 18:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 196542
Ion Ratio Lower Upper
152 100
150 155.1 125.3 187.9
115 61.9 49.4 74.0



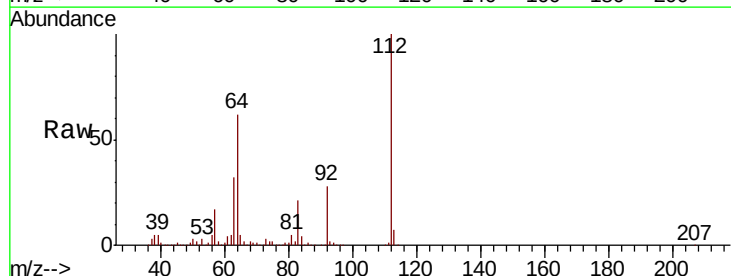
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



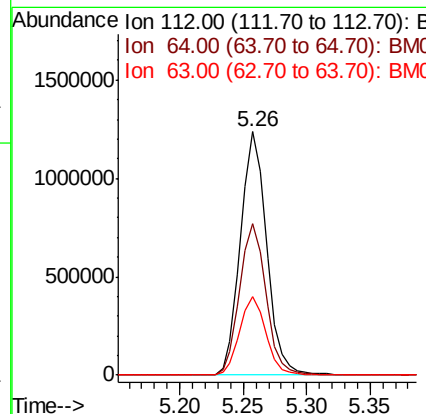
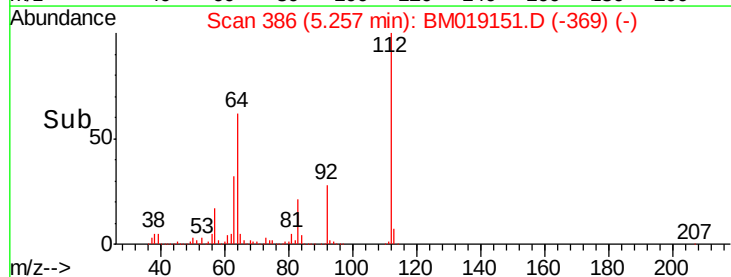
#5

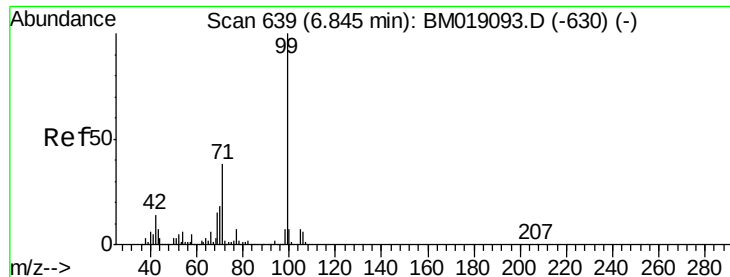
2-Fluorophenol
Concen: 146.418 ng
RT: 5.26 min Scan# 386
Delta R.T. -0.00 min
Lab File: BM019151.D
Acq: 13 Mar 2019 18:16

Tgt Ion:112 Resp: 1776944
Ion Ratio Lower Upper
112 100
64 62.2 51.4 77.0
63 32.1 26.6 40.0



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: 151.250 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019151.D

Acq: 13 Mar 2019 18:16

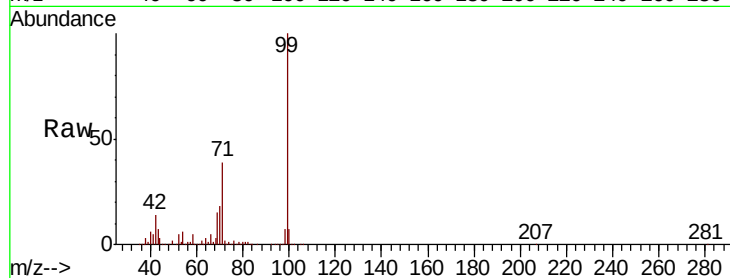
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2684939

Ion	Ratio	Lower	Upper
99	100		
42	14.1	10.9	16.3
71	38.6	30.3	45.5

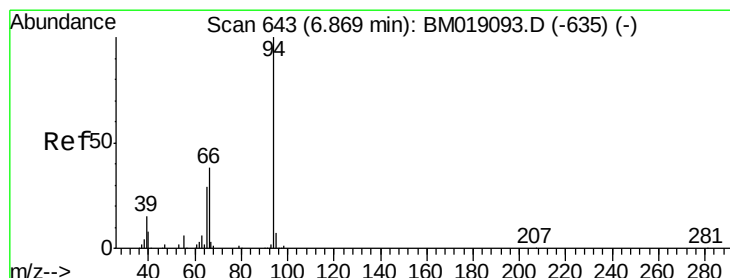
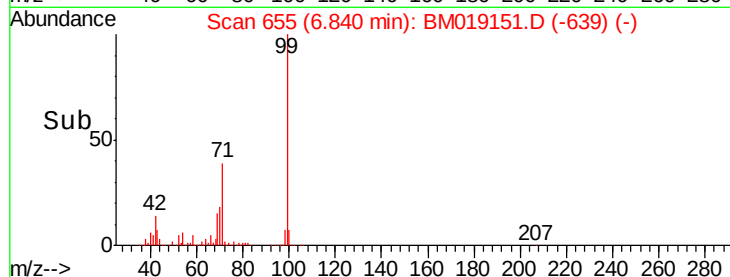
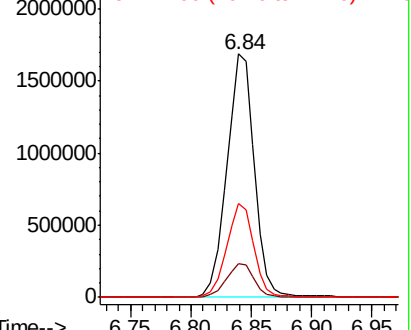


Abundance

Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#10

Phenol

Concen: 3.347 ng

RT: 6.86 min Scan# 659

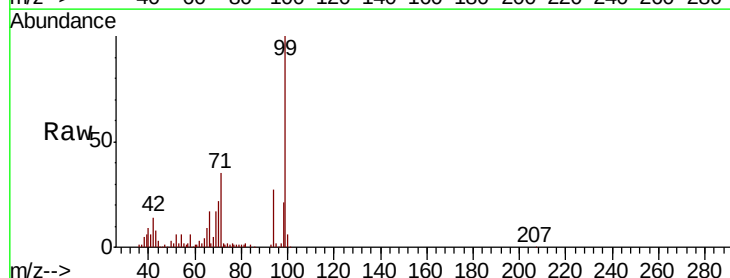
Delta R.T. -0.01 min

Lab File: BM019151.D

Acq: 13 Mar 2019 18:16

Tgt Ion: 94 Resp: 64036

Ion	Ratio	Lower	Upper
94	100		
65	33.8	9.7	49.7
66	61.1	19.2	59.2

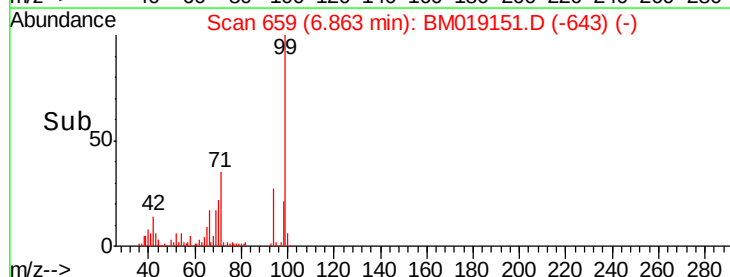
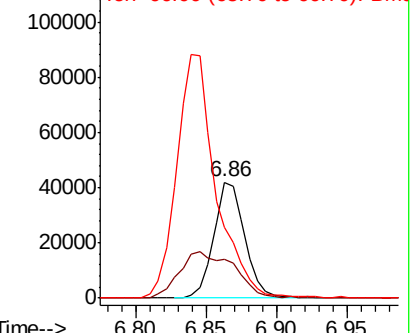


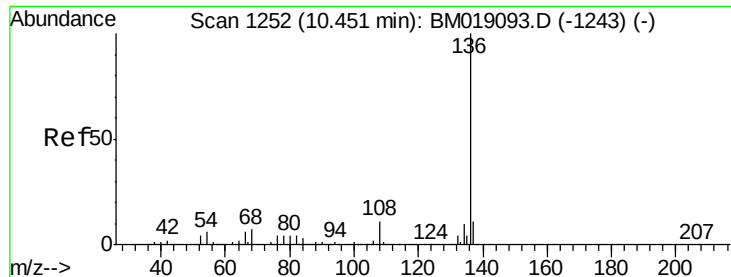
Abundance

Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019093.D (-635) (-)

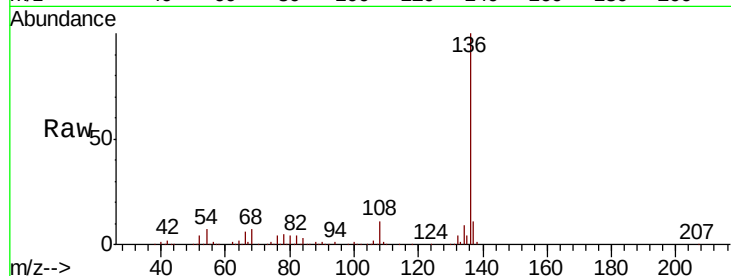




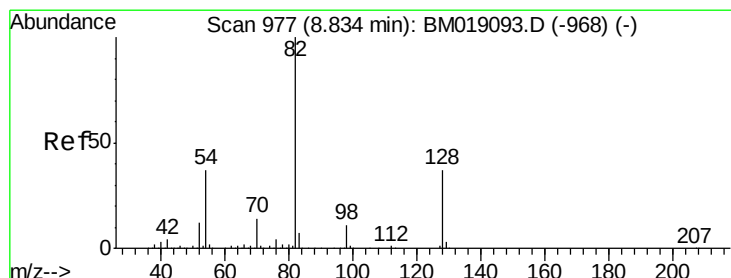
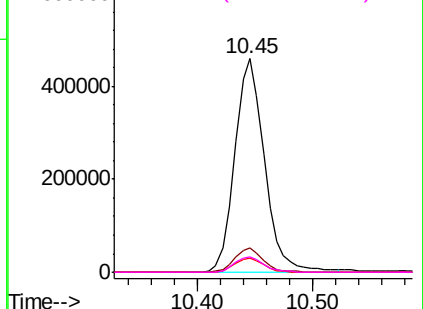
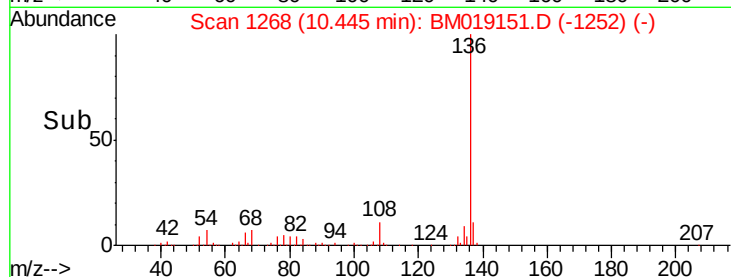
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM019151.D
Acq: 13 Mar 2019 18:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	818465
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.6 13.0
54	6.7	5.2 7.8
68	7.3	5.8 8.8

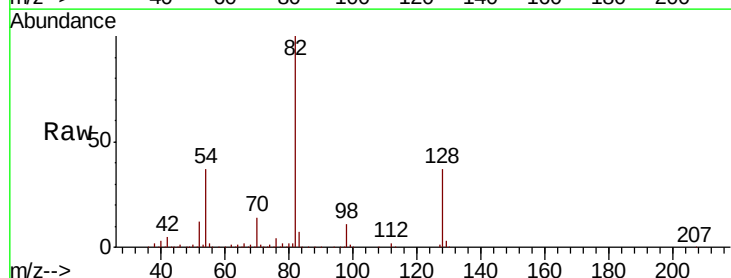


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

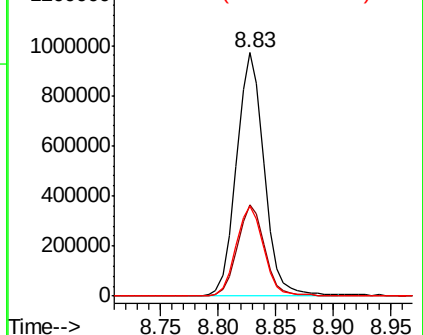
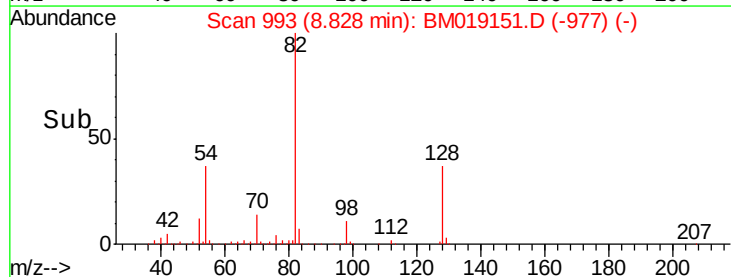


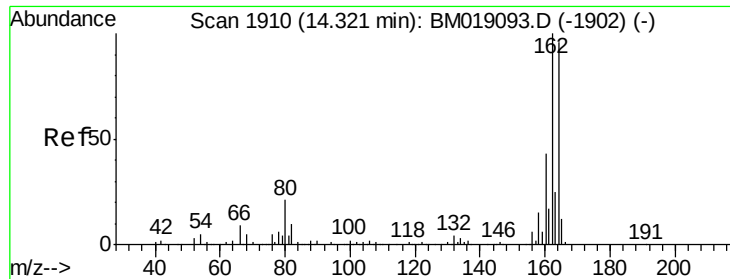
#23
Nitrobenzene-d5
Concen: 93.490 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM019151.D
Acq: 13 Mar 2019 18:16

Tgt Ion: 82	Resp:	1618751
Ion Ratio	Lower	Upper
82	100	
128	37.5	29.4 44.2
54	37.0	29.9 44.9



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: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM019151.D

Acq: 13 Mar 2019 18:16

Instrument :

BNA_M

ClientSampleId :

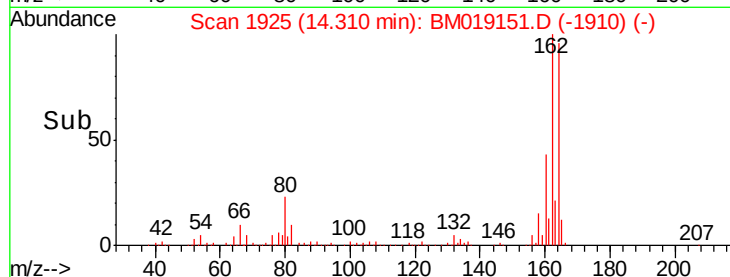
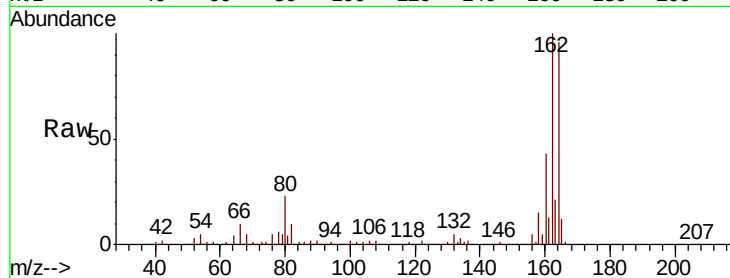
Tot Ion:164 Resp: 554916

Ion Ratio Lower Upper

164 100

162 103.7 83.5 125.3

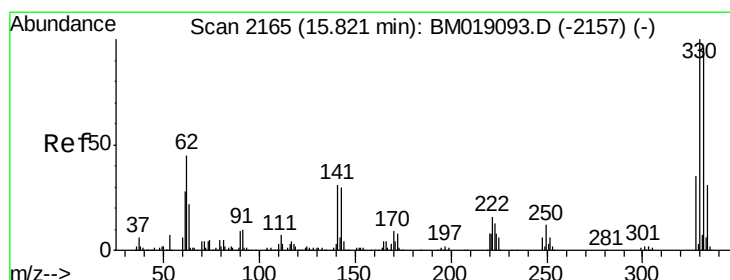
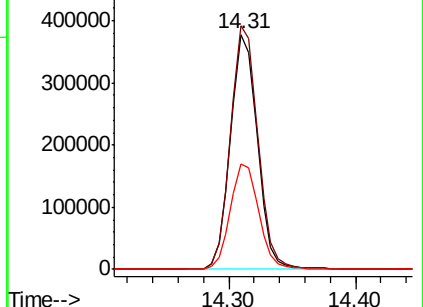
160 45.1 36.3 54.5



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: 163.050 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM019151.D

Acq: 13 Mar 2019 18:16

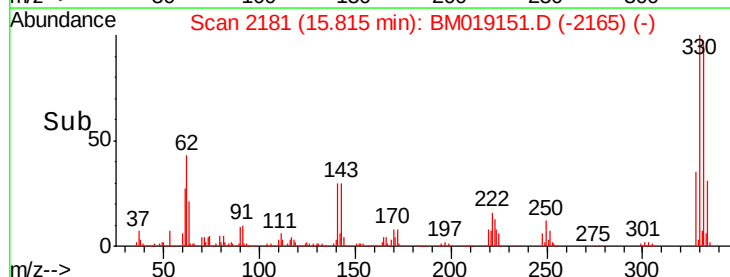
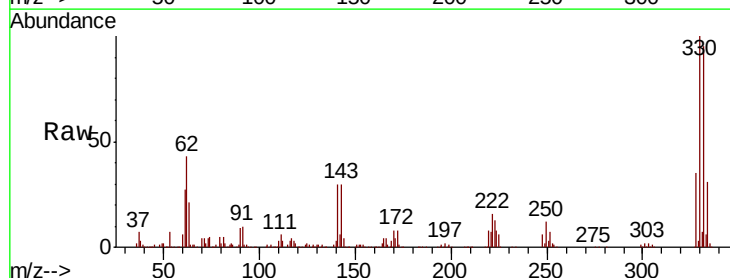
Tgt Ion:330 Resp: 1335894

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

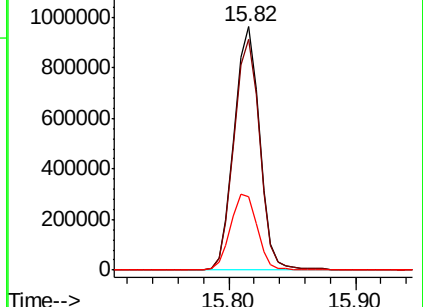
141 33.0 27.0 40.4

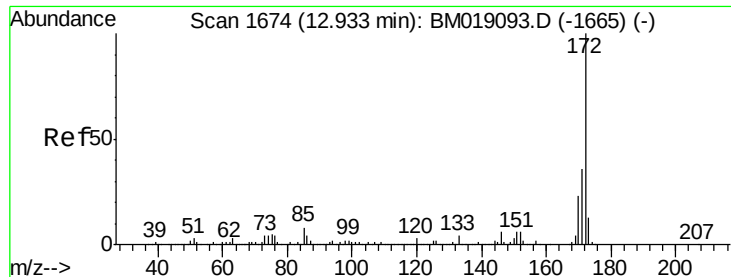


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

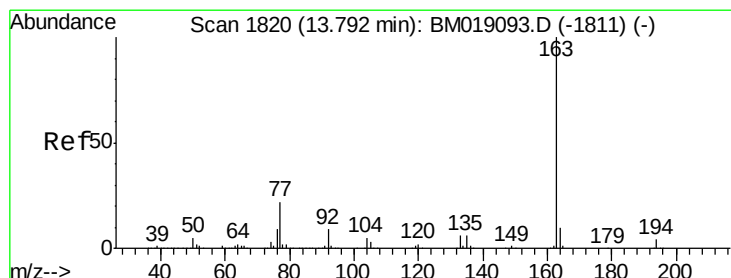
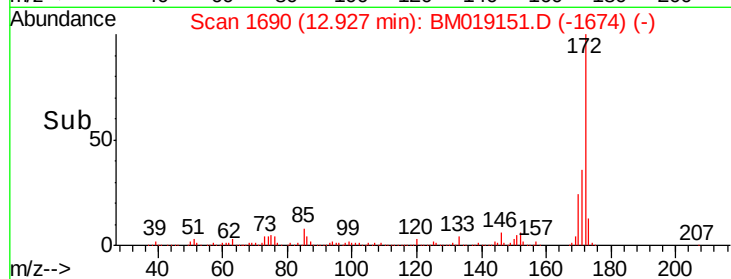
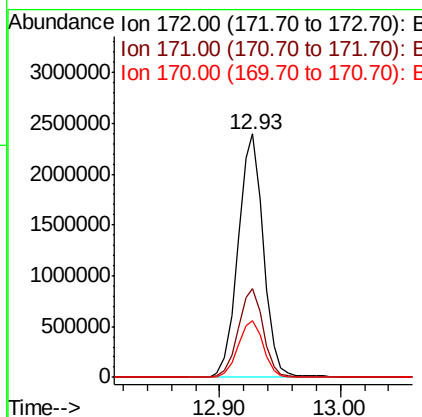
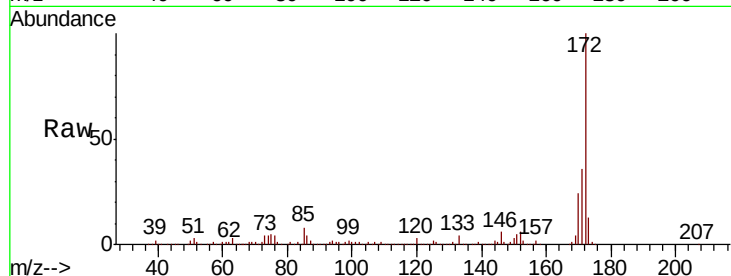




#45
2-Fluorobiphenyl
Concen: 81.672 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM019151.D
Acq: 13 Mar 2019 18:16

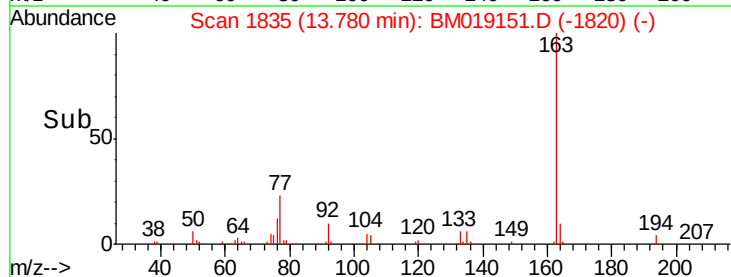
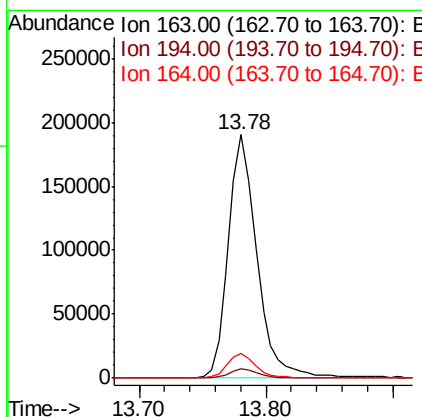
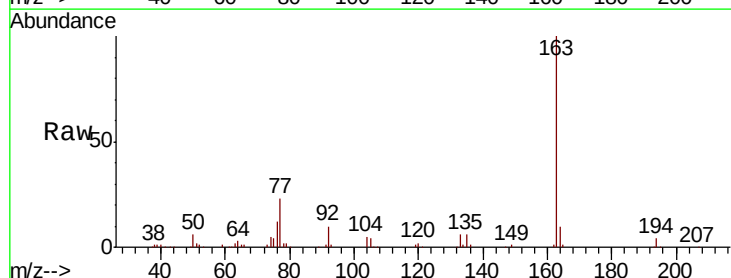
Instrument :
BNA_M
ClientSampleId :

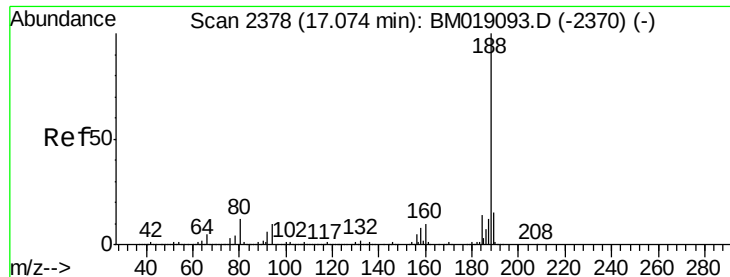
Tot Ion:172 Resp: 3484179
Ion Ratio Lower Upper
172 100
171 36.2 28.6 42.8
170 23.5 18.6 28.0



#50
Dimethylphthalate
Concen: 6.269 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM019151.D
Acq: 13 Mar 2019 18:16

Tgt Ion:163 Resp: 297600
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 7.7 11.5

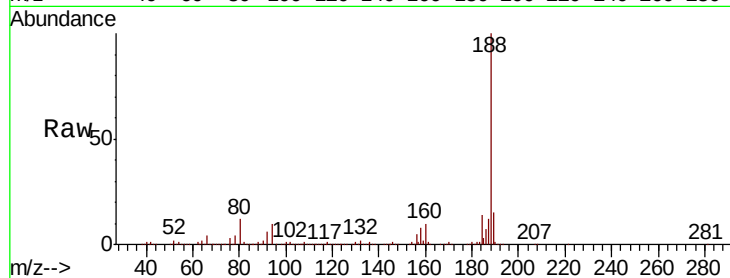




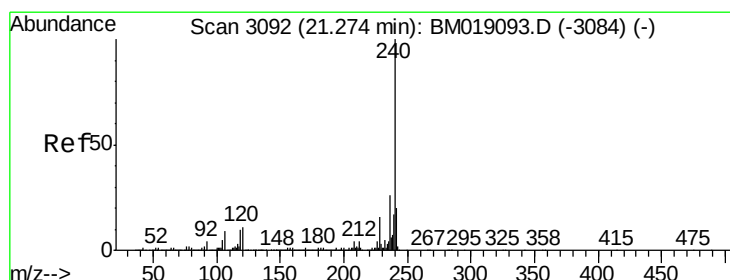
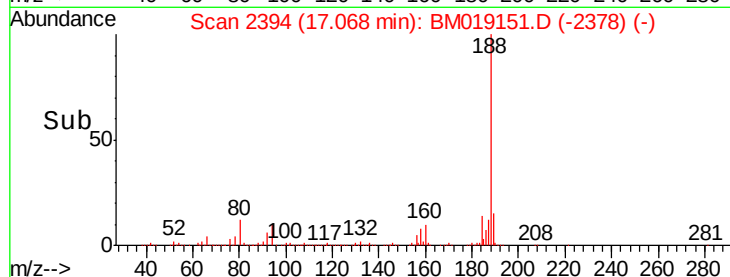
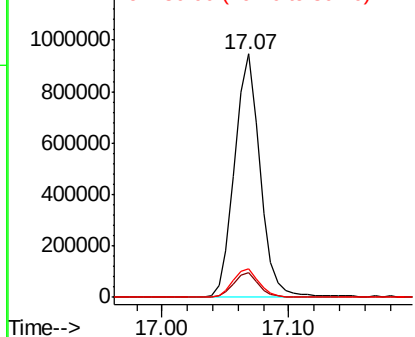
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM019151.D
Acq: 13 Mar 2019 18:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 1319749
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 11.5 9.7 14.5

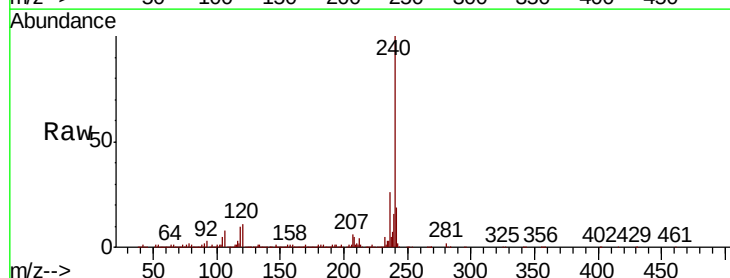


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

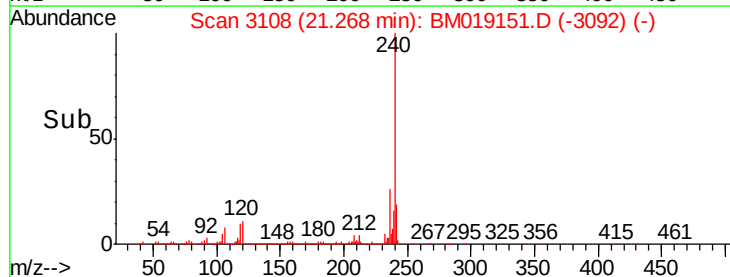
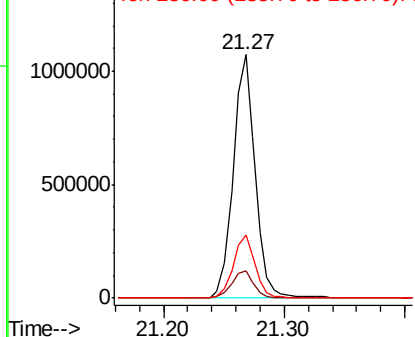


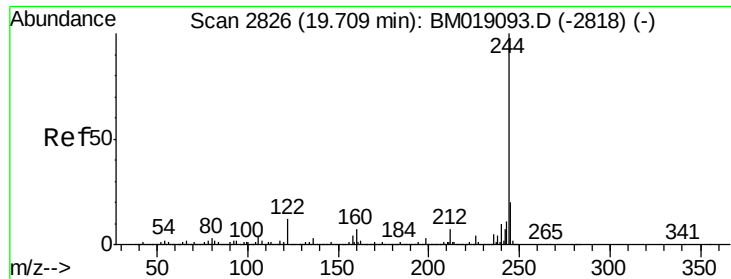
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM019151.D
Acq: 13 Mar 2019 18:16

Tgt Ion:240 Resp: 1357194
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.9 21.0 31.4



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: 88.781 ng

RT: 19.71 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BM019151.D

Acq: 13 Mar 2019 18:16

Instrument :

BNA_M

ClientSampleId :

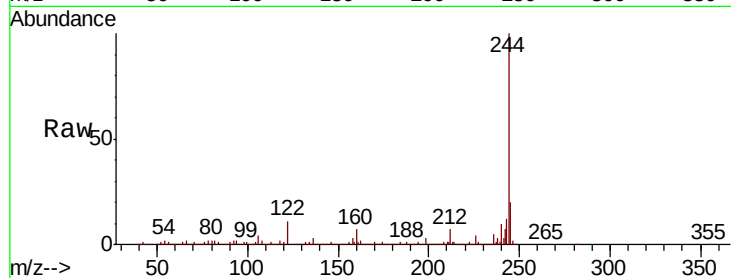
Tot Ion:244 Resp: 6069489

Ion Ratio Lower Upper

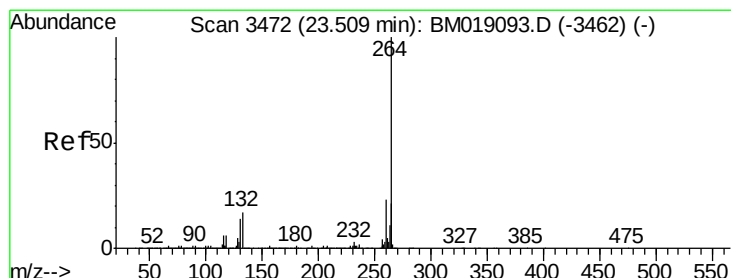
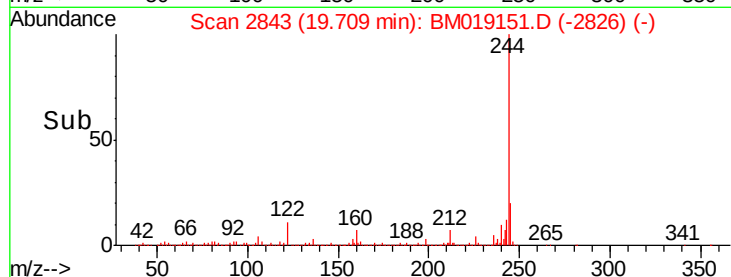
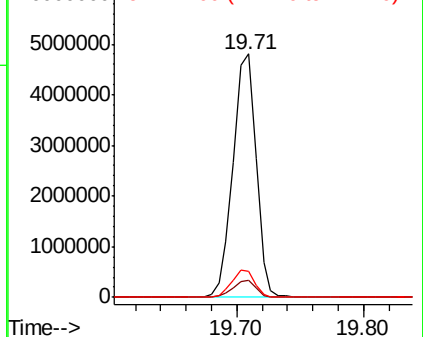
244 100

212 6.8 5.4 8.2

122 10.6 9.4 14.2



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: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM019151.D

Acq: 13 Mar 2019 18:16

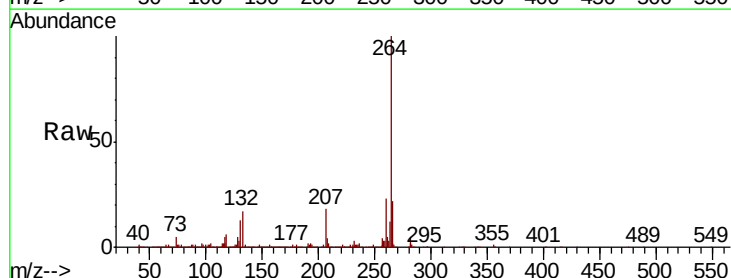
Tgt Ion:264 Resp: 1231091

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

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

