

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
 Data File : BM019101.D
 Acq On : 11 Mar 2019 20:01
 Operator : JU/SJ
 Sample : K1817-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW011-030619

Quant Time: Mar 12 04:23:20 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

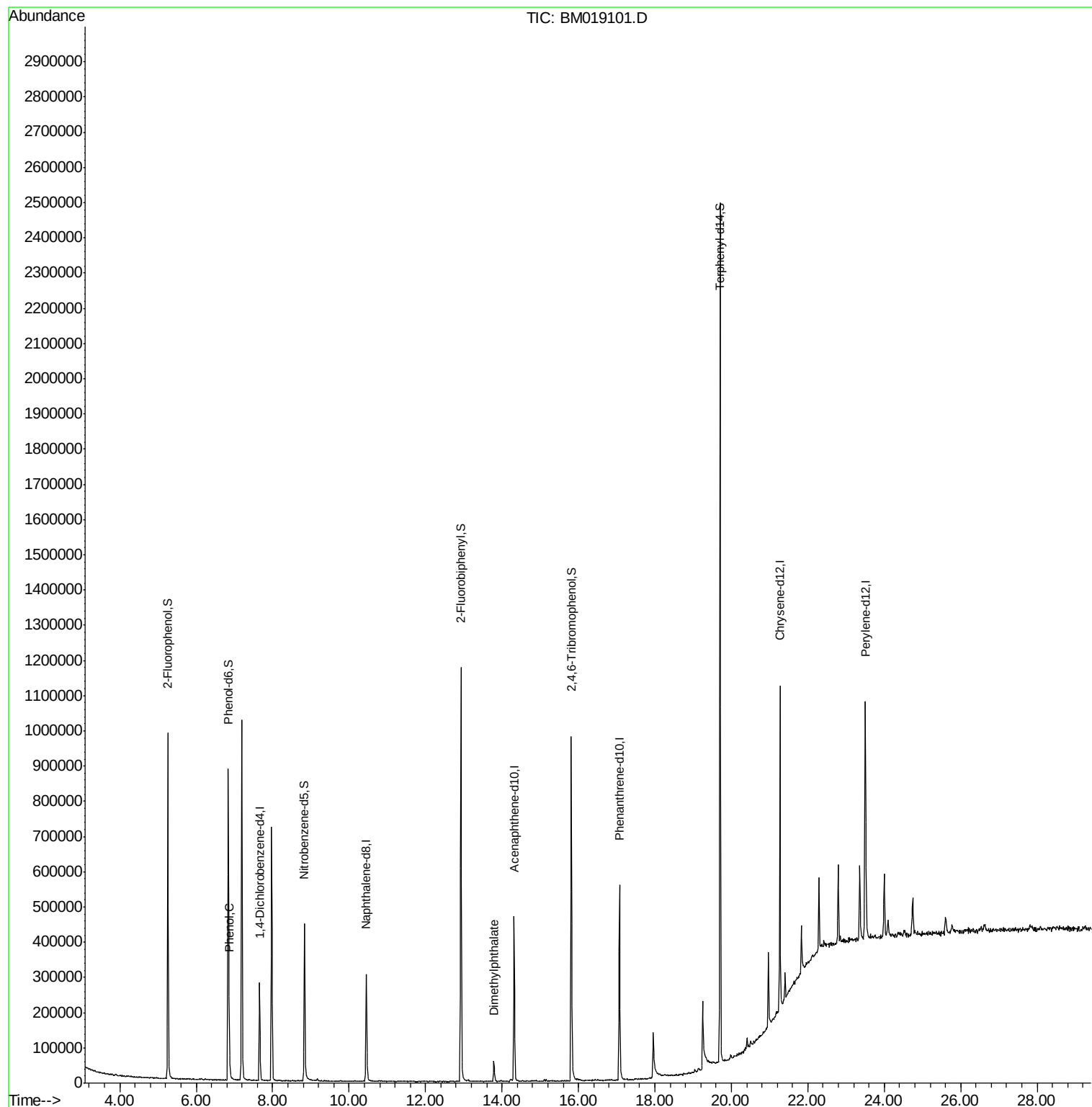
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	75627	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	281538	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	153095	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	351458	20.00	ng	0.00
76) Chrysene-d12	21.27	240	434632	20.00	ng	0.00
87) Perylene-d12	23.50	264	507356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	416835	89.26	ng	0.00
7) Phenol-d6	6.84	99	548893	80.36	ng	0.00
23) Nitrobenzene-d5	8.83	82	328103	55.09	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	191306	84.63	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	622771	52.91	ng	0.00
79) Terphenyl-d14	19.70	244	1067896	48.78	ng	0.00
Target Compounds						
10) Phenol	6.86	94	29698	4.034	ng	91
50) Dimethylphthalate	13.79	163	49003	3.742	ng	99

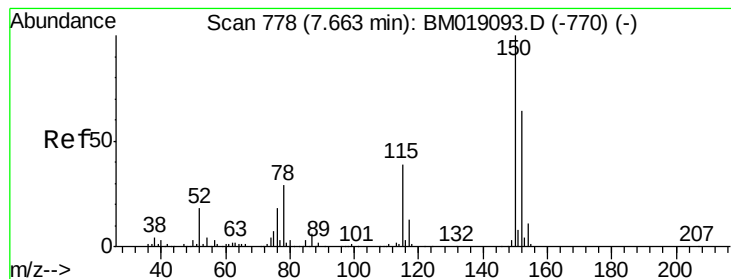
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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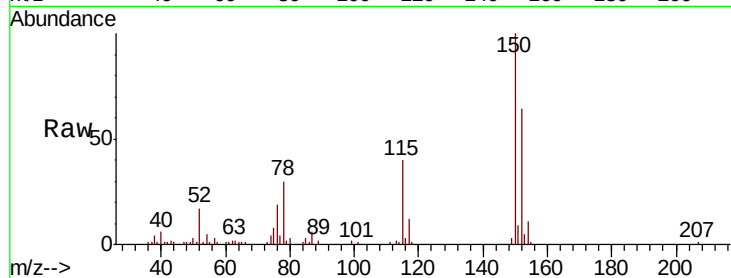


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.3	187.9
115	62.9	49.4	74.0

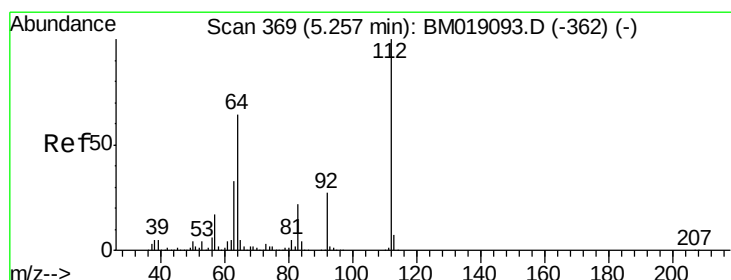
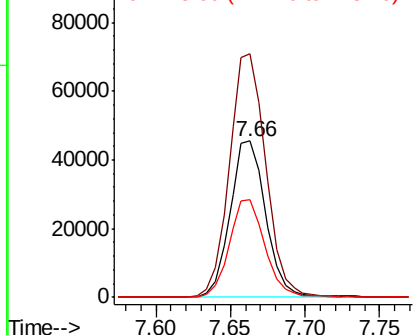
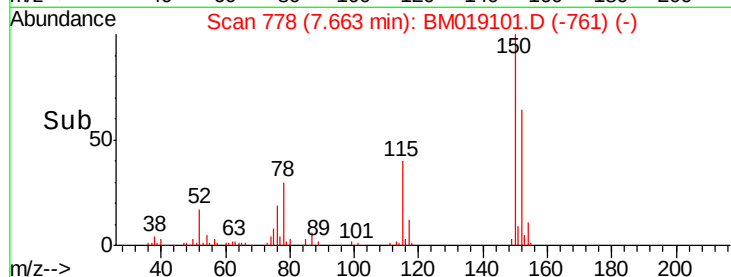


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

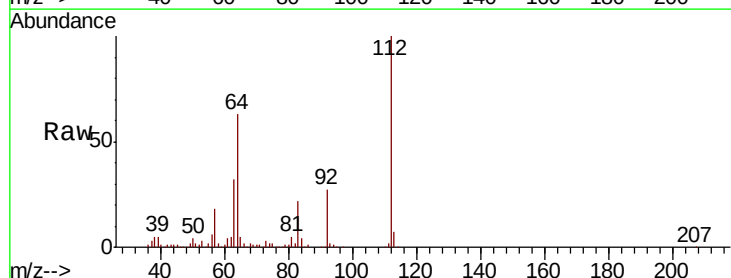
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.261 ng
RT: 5.26 min Scan# 369
Delta R.T. 0.00 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	51.4	77.0
63	32.0	26.6	40.0

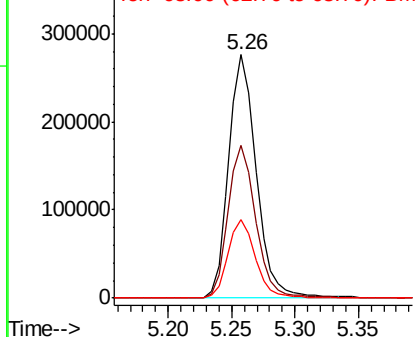
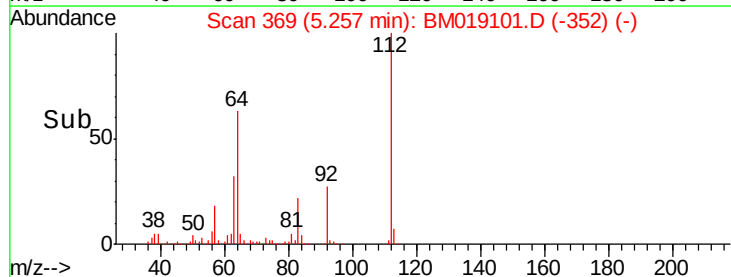


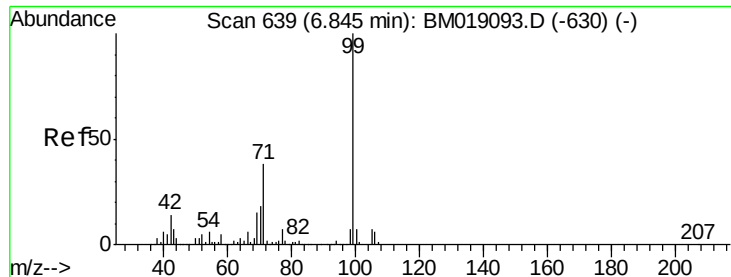
Abundance

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: 80.358 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019101.D

Acq: 11 Mar 2019 20:01

Instrument :

BNA_M

ClientSampleId :

PST-028-SW011-030619

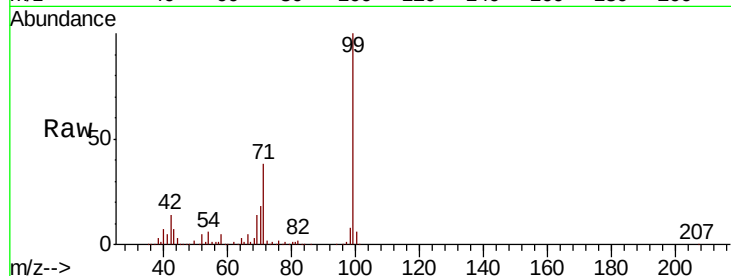
Tot Ion: 99 Resp: 548893

Ion Ratio Lower Upper

99 100

42 13.9 10.9 16.3

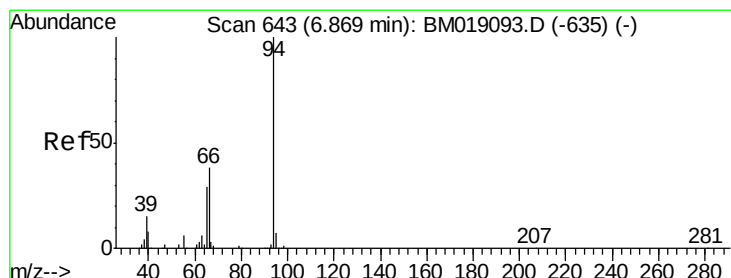
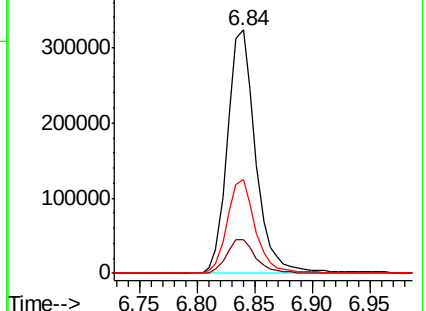
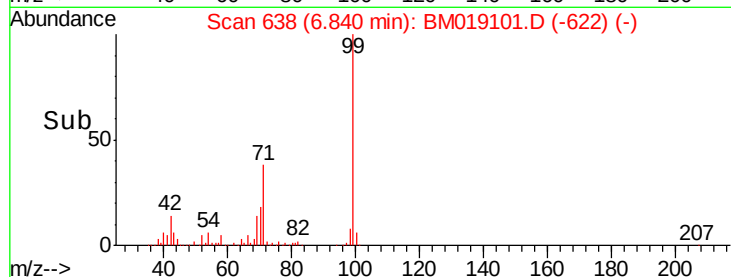
71 38.4 30.3 45.5



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: 4.034 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM019101.D

Acq: 11 Mar 2019 20:01

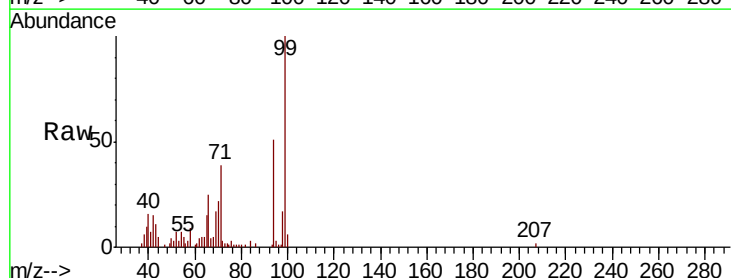
Tgt Ion: 94 Resp: 29698

Ion Ratio Lower Upper

94 100

65 29.1 9.7 49.7

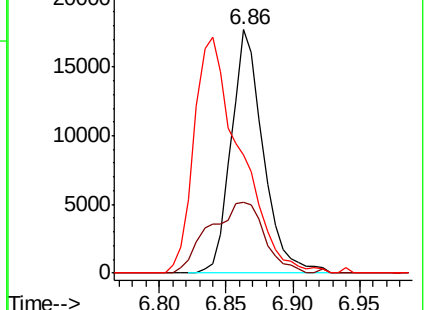
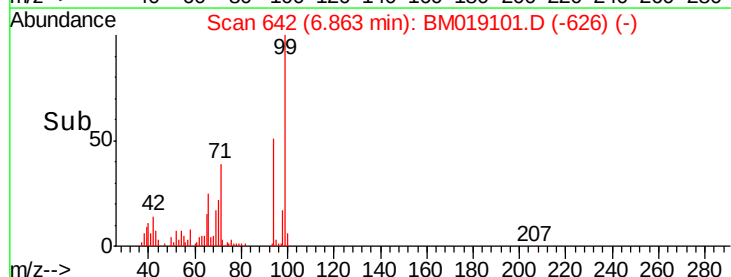
66 48.4 19.2 59.2

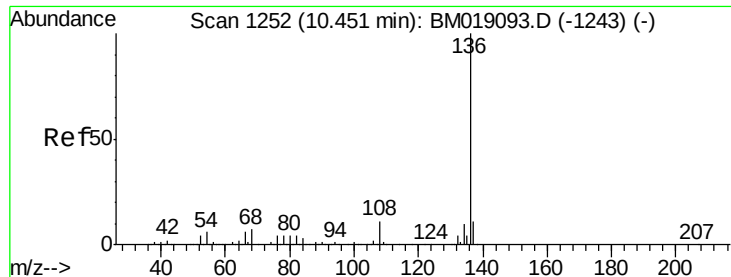


Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

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

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

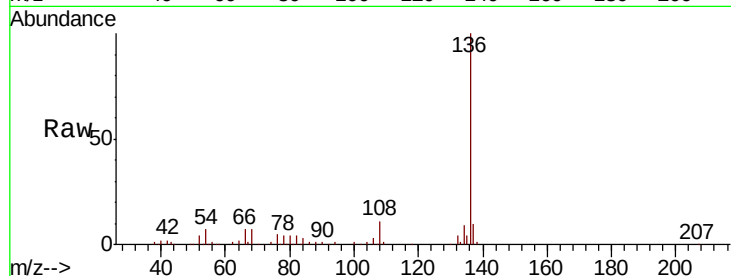




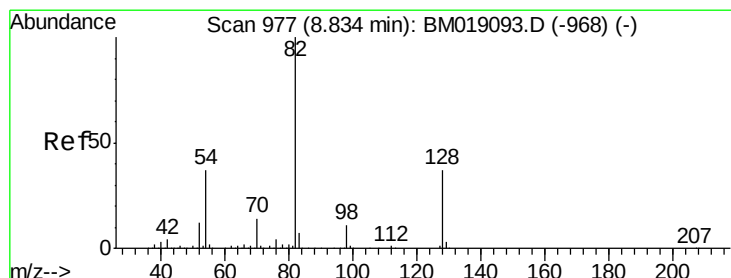
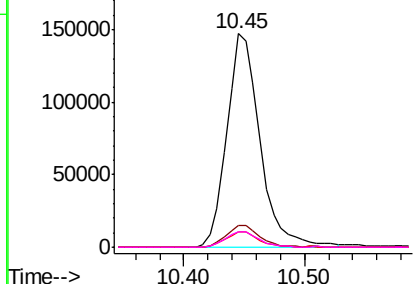
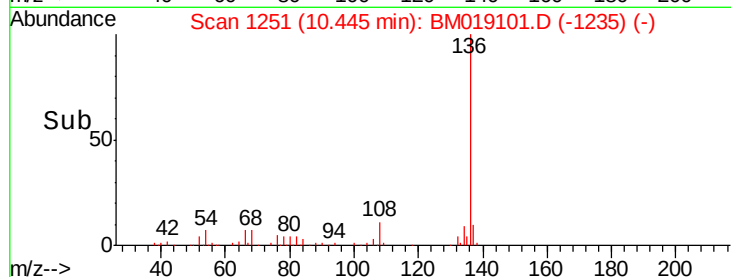
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

Tot Ion:136	Resp:	281538
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.6 13.0
54	7.1	5.2 7.8
68	6.9	5.8 8.8

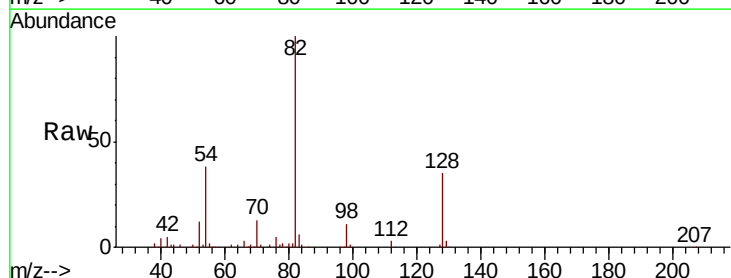


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

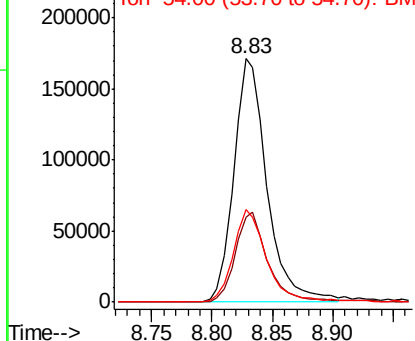
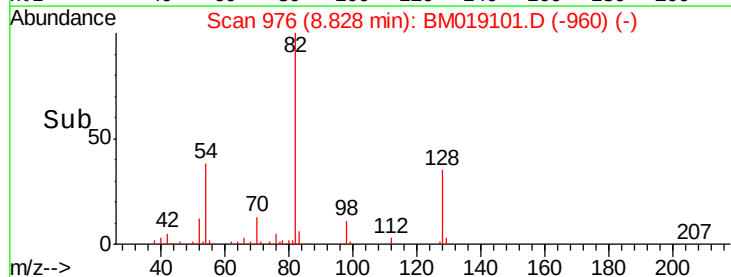


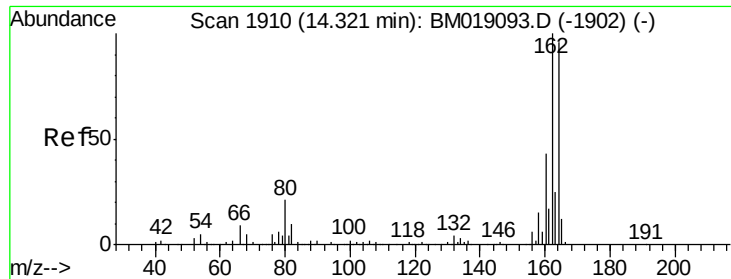
#23
Nitrobenzene-d5
Concen: 55.088 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Tgt Ion: 82	Resp:	328103
Ion	Ratio	Lower Upper
82	100	
128	35.1	29.4 44.2
54	37.9	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: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019101.D

Acq: 11 Mar 2019 20:01

Instrument :

BNA_M

ClientSampleId :

PST-028-SW011-030619

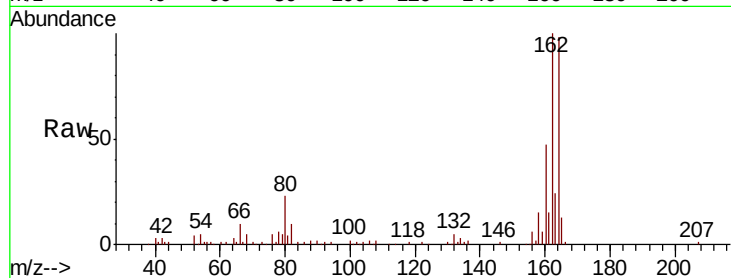
Tot Ion:164 Resp: 153095

Ion Ratio Lower Upper

164 100

162 102.5 83.5 125.3

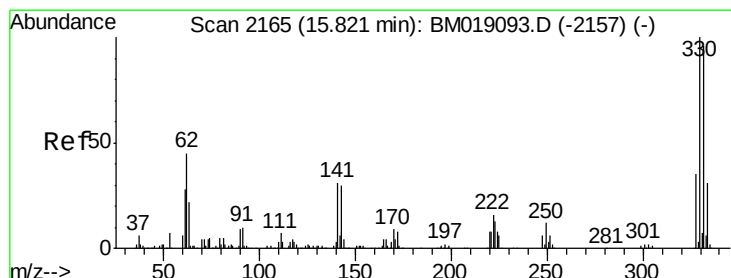
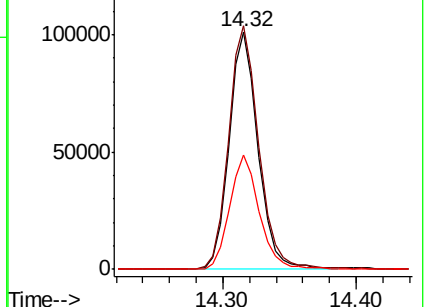
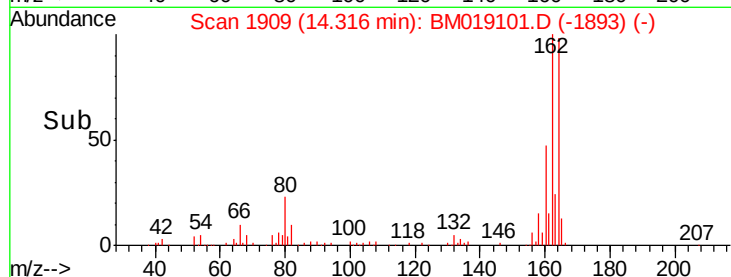
160 48.0 36.3 54.5



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: 84.634 ng

RT: 15.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM019101.D

Acq: 11 Mar 2019 20:01

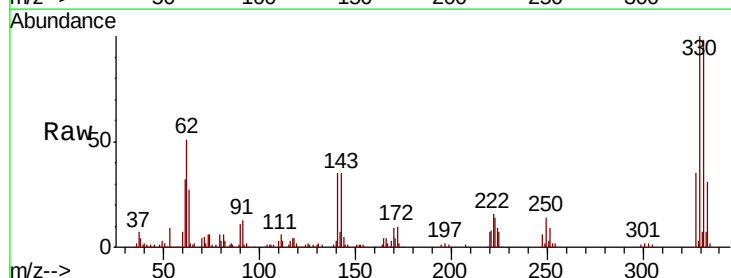
Tgt Ion:330 Resp: 191306

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

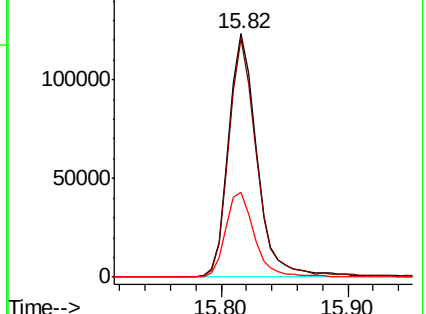
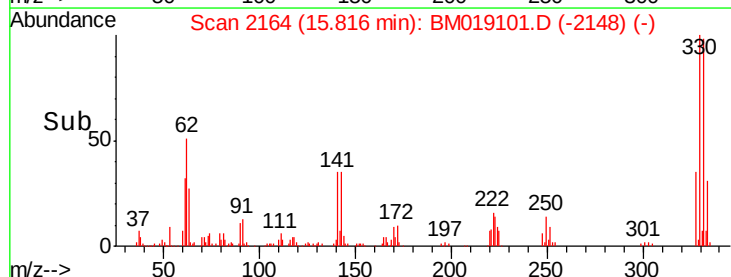
141 35.4 27.0 40.4

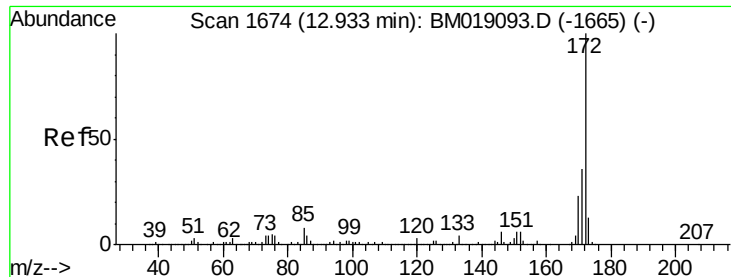


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

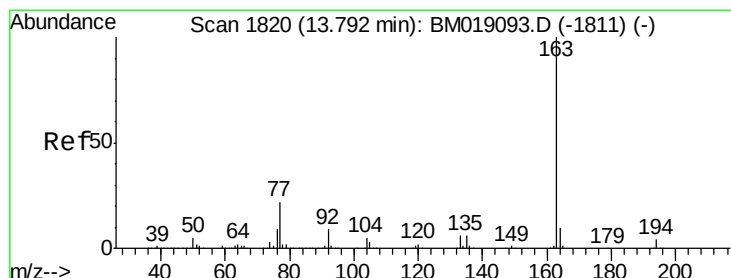
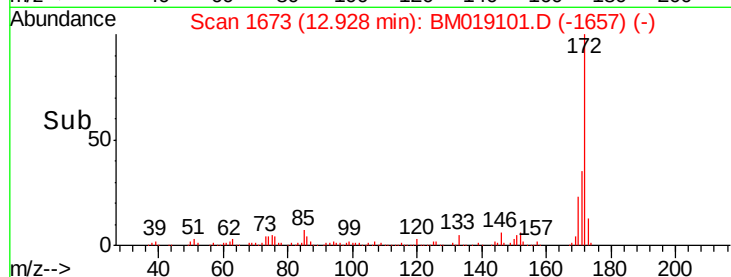
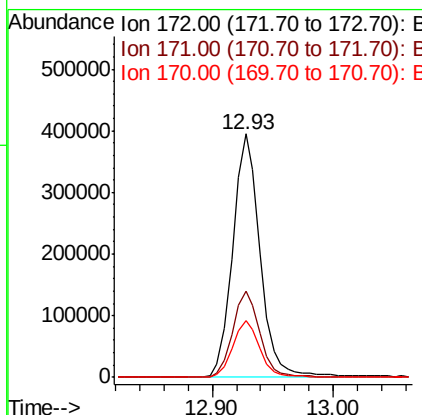
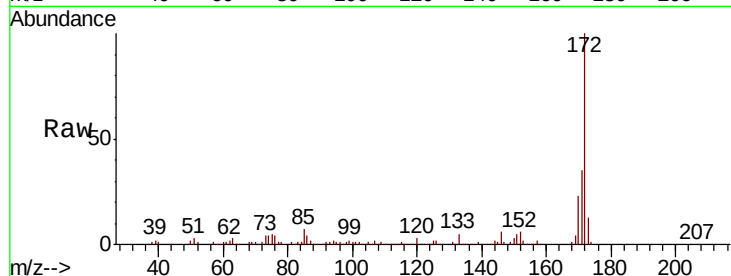




#45
2-Fluorobiphenyl
Concen: 52.913 ng
RT: 12.93 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

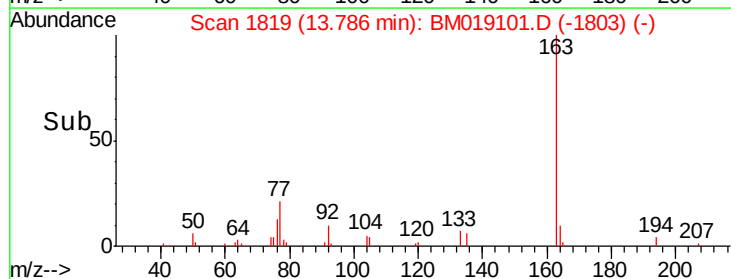
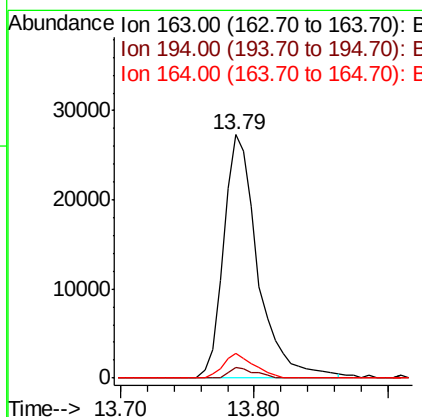
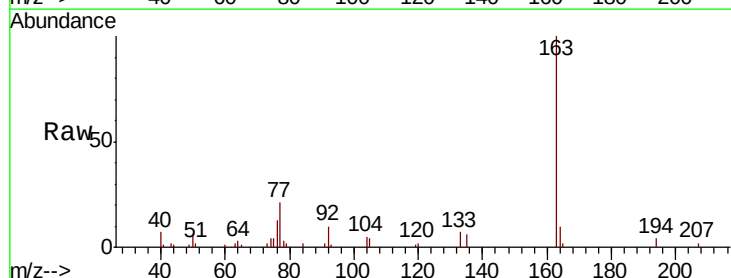
Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

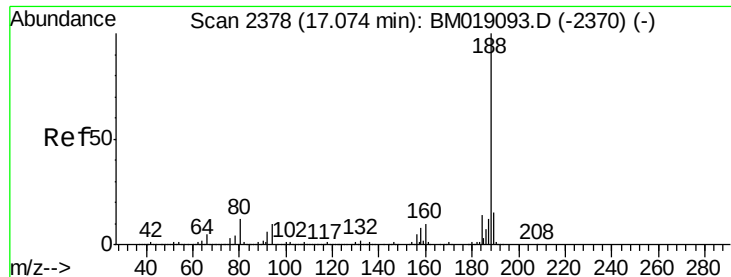
Tot Ion:172 Resp: 622771
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.3 18.6 28.0



#50
Dimethylphthalate
Concen: 3.742 ng
RT: 13.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Tgt Ion:163 Resp: 49003
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.9 7.7 11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BM019101.D

Acq: 11 Mar 2019 20:01

Instrument :

BNA_M

ClientSampleId :

PST-028-SW011-030619

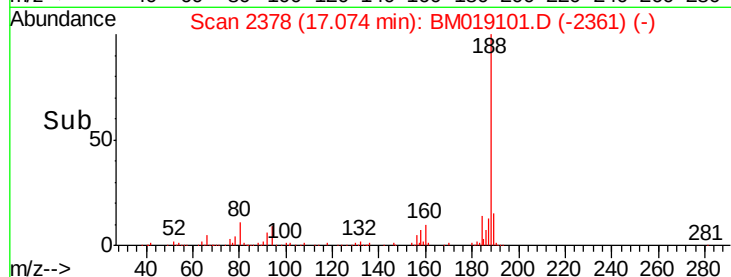
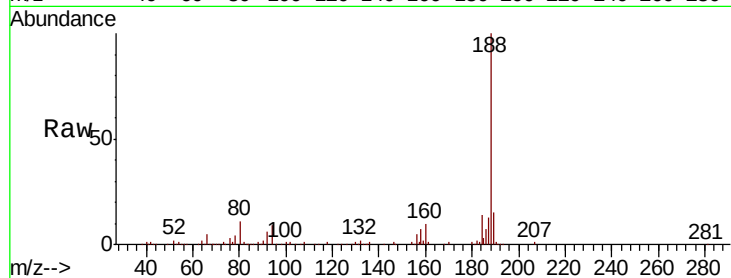
Tot Ion:188 Resp: 351458

Ion Ratio Lower Upper

188 100

94 9.3 8.1 12.1

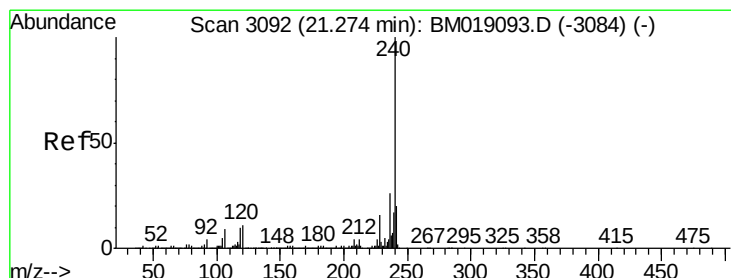
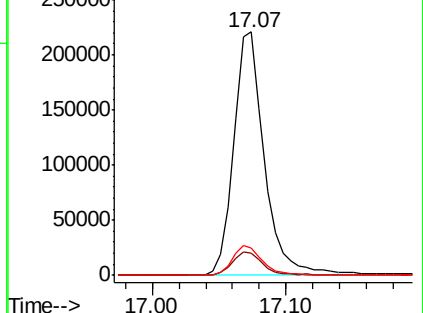
80 11.5 9.7 14.5



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# 3091

Delta R.T. -0.01 min

Lab File: BM019101.D

Acq: 11 Mar 2019 20:01

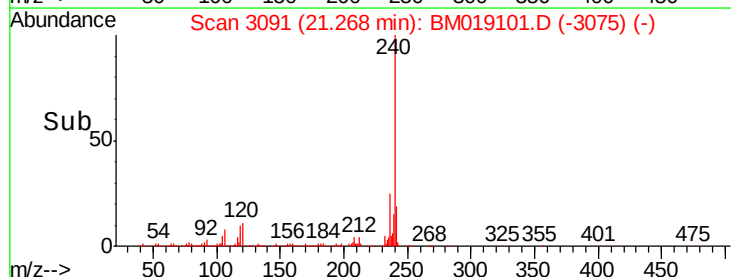
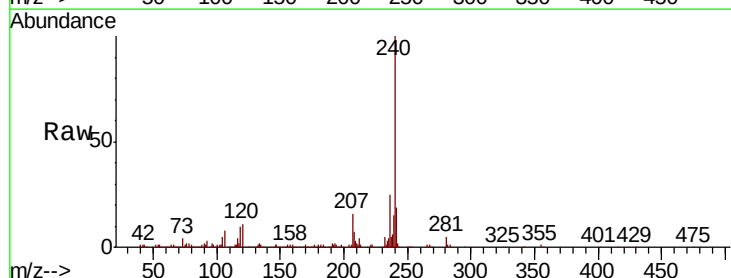
Tgt Ion:240 Resp: 434632

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

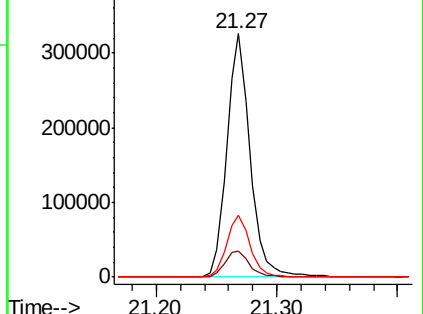
236 25.2 21.0 31.4

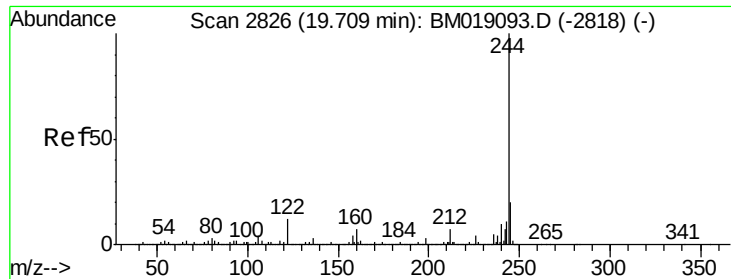


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 48.777 ng

RT: 19.70 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM019101.D

Acq: 11 Mar 2019 20:01

Instrument :

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ClientSampleId :

PST-028-SW011-030619

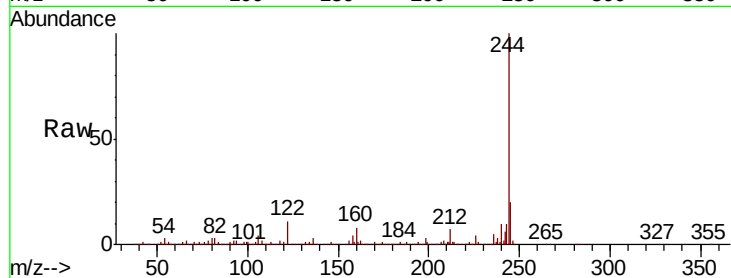
Tot Ion:244 Resp: 1067896

Ion Ratio Lower Upper

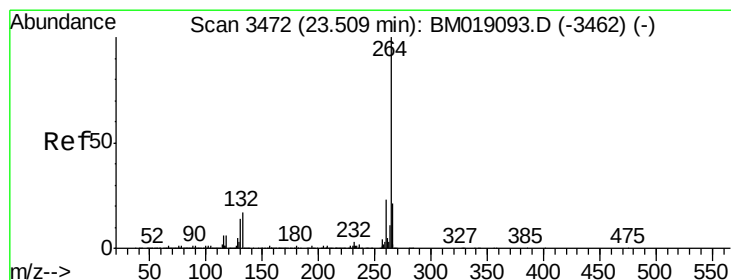
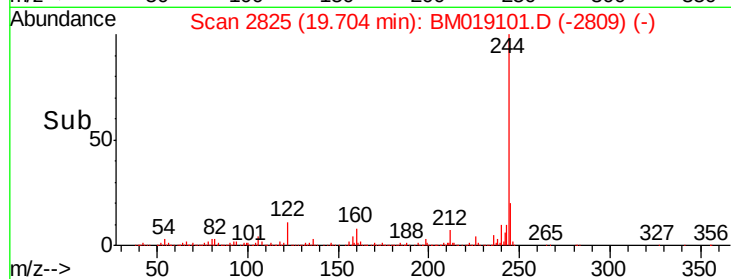
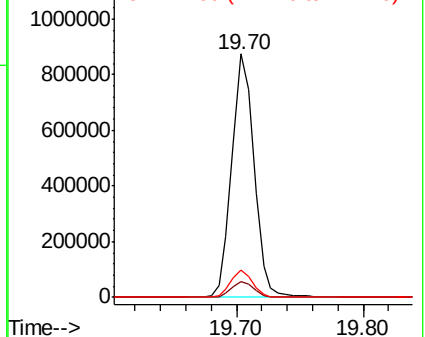
244 100

212 6.7 5.4 8.2

122 11.0 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# 3471

Delta R.T. -0.01 min

Lab File: BM019101.D

Acq: 11 Mar 2019 20:01

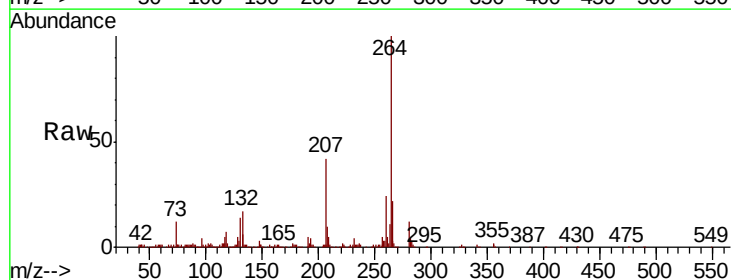
Tgt Ion:264 Resp: 507356

Ion Ratio Lower Upper

264 100

260 24.5 18.6 28.0

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

