

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
 Data File : BM018835.D
 Acq On : 18 Feb 2019 13:11
 Operator : JU/SJ
 Sample : K1502-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 18 15:27:19 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

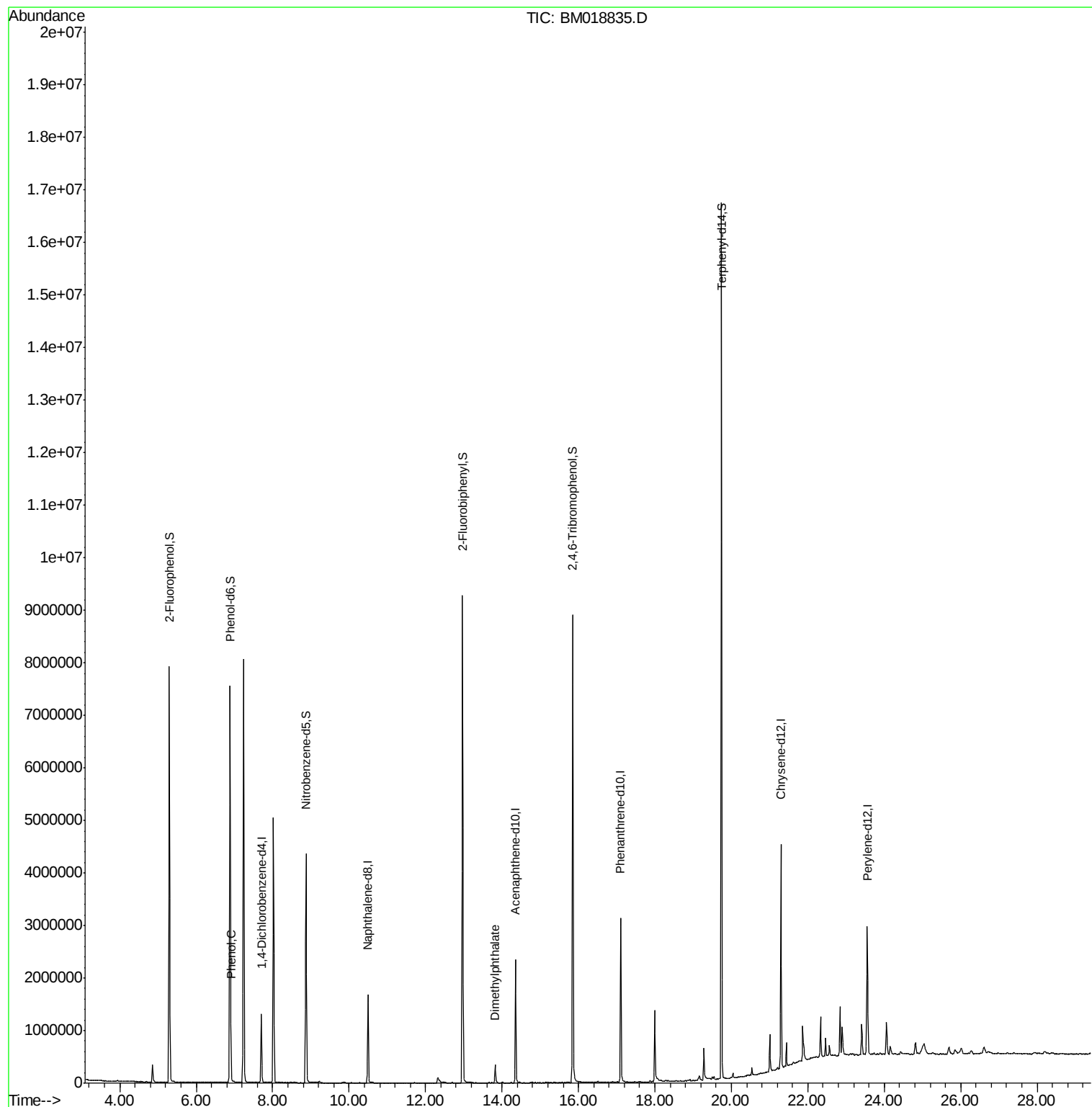
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	332646	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1368183	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	772104	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1780568	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1782704	20.00	ng	-0.01
87) Perylene-d12	23.56	264	1606451	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	3122782	153.82	ng	0.00
7) Phenol-d6	6.89	99	4379550	153.13	ng	0.00
23) Nitrobenzene-d5	8.88	82	2747772	92.86	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1563388	140.47	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4543422	78.11	ng	-0.01
79) Terphenyl-d14	19.75	244	7323164	84.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	11949	Below Cal		Qvalue # 15
10) Phenol	6.91	94	143533	4.770	ng	95
50) Dimethylphthalate	13.82	163	233318	3.626	ng	100

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

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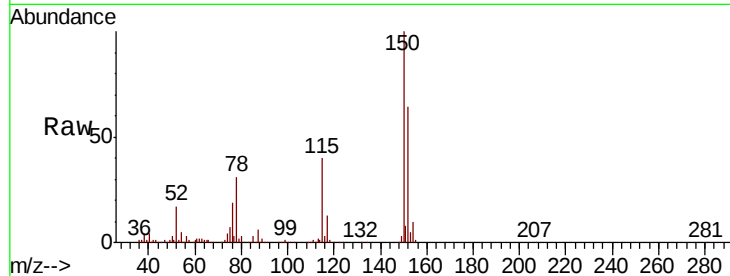


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018835.D
Acq: 18 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion	152	Resp	332646
Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.3	190.9
115	62.9	50.8	76.2

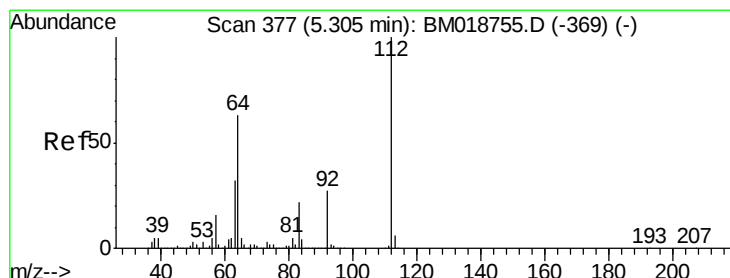
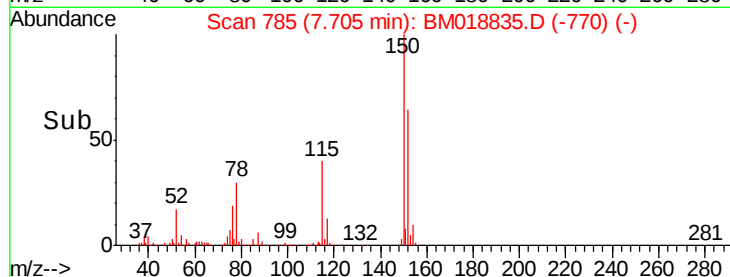
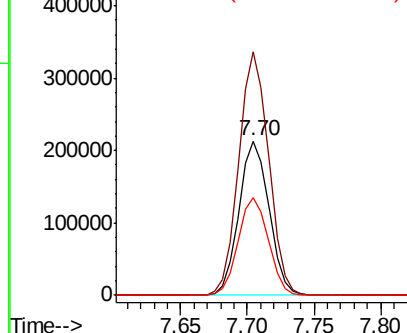


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

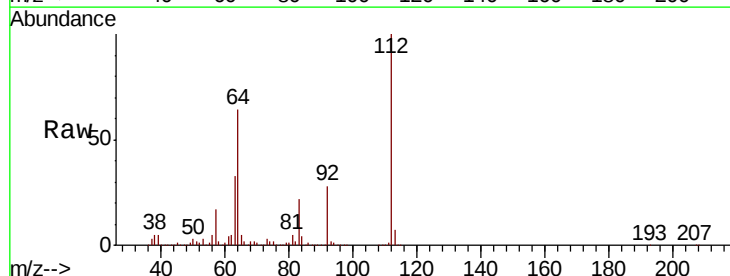
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 153.815 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018835.D
Acq: 18 Feb 2019 13:11

Tgt Ion	112	Resp	3122782
Ion	Ratio	Lower	Upper
112	100		
64	63.9	50.6	75.8
63	32.5	25.7	38.5

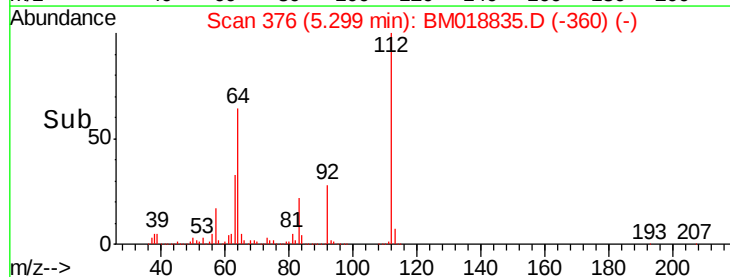
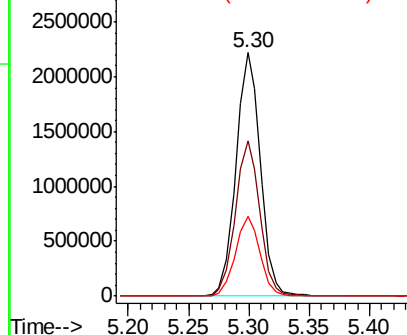


Abundance

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: 153.127 ng

RT: 6.89 min Scan# 646

Delta R.T. 0.00 min

Lab File: BM018835.D

Acq: 18 Feb 2019 13:11

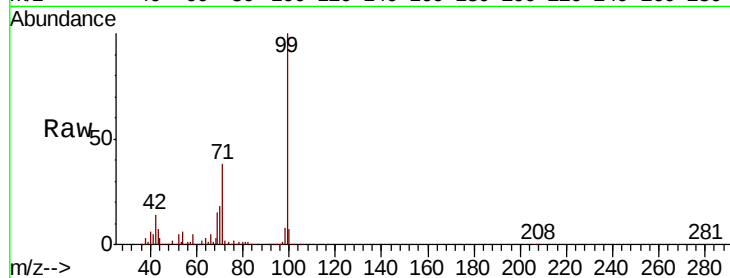
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 4379550

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.0	16.6
71	38.4	31.3	46.9

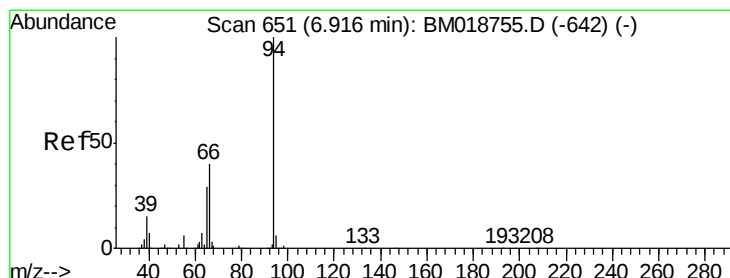
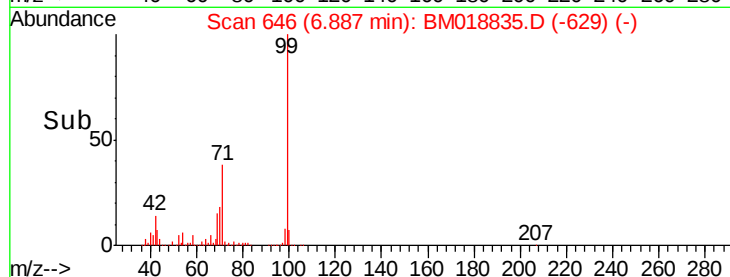
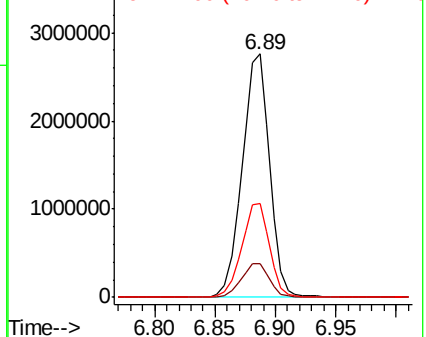


Abundance

Ion 99.00 (98.70 to 99.70): BM018835.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018835.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018835.D (-629) (-)



#10

Phenol

Concen: 4.770 ng

RT: 6.91 min Scan# 650

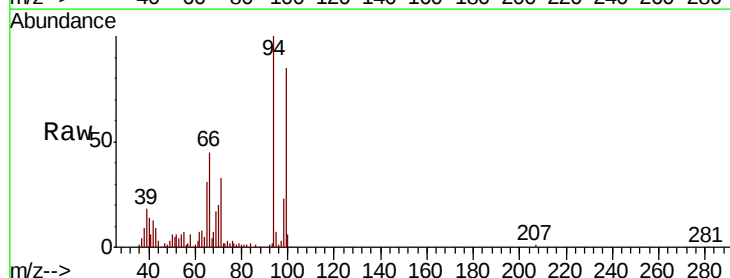
Delta R.T. -0.01 min

Lab File: BM018835.D

Acq: 18 Feb 2019 13:11

Tgt Ion: 94 Resp: 143533

Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.6	49.6
66	44.9	20.4	60.4

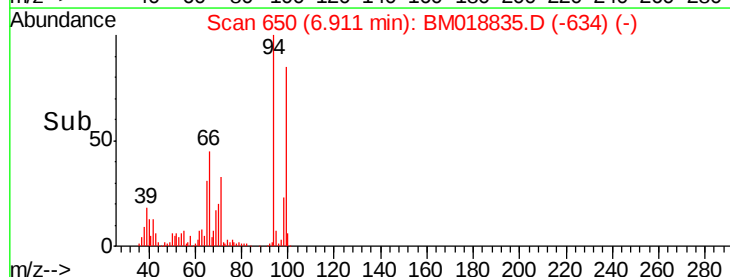
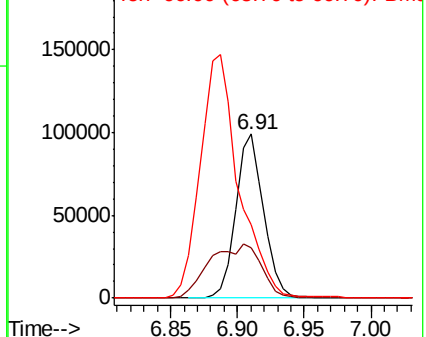


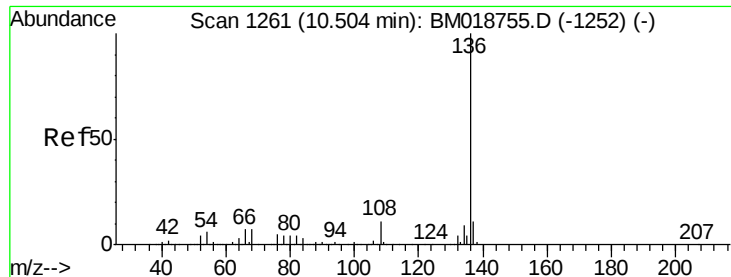
Abundance

Ion 94.00 (93.70 to 94.70): BM018835.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018835.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018835.D (-634) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018835.D

Acq: 18 Feb 2019 13:11

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1368183

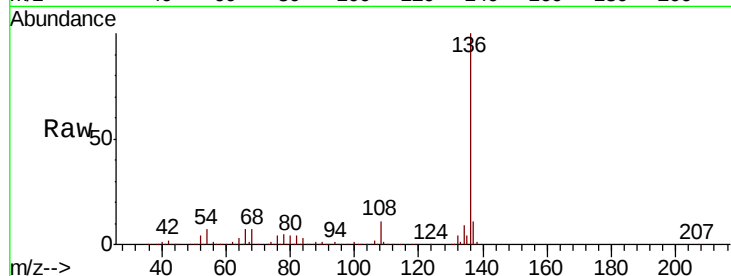
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.7 5.0 7.6

68 7.4 5.5 8.3

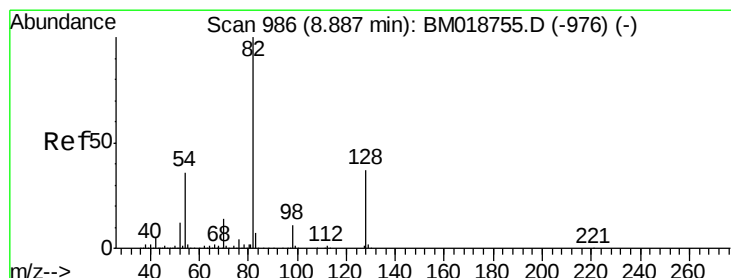
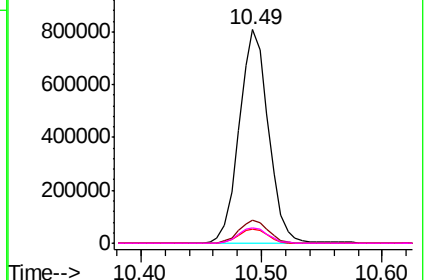
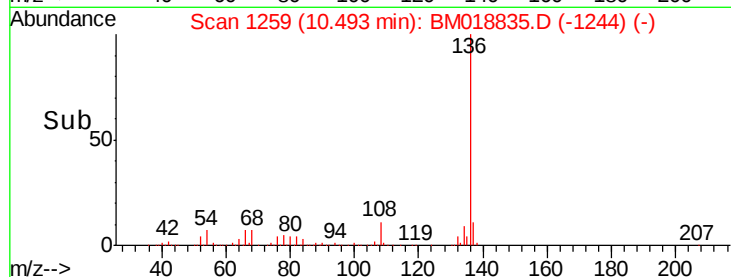


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.863 ng

RT: 8.88 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM018835.D

Acq: 18 Feb 2019 13:11

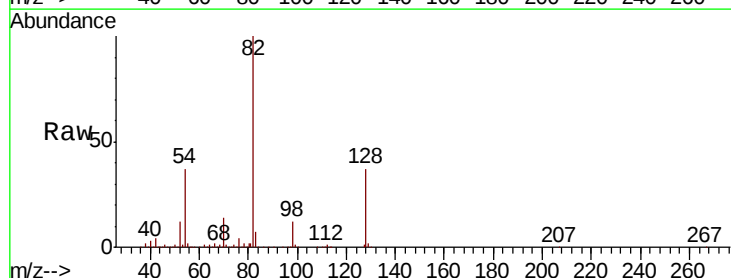
Tgt Ion: 82 Resp: 2747772

Ion Ratio Lower Upper

82 100

128 37.2 29.9 44.9

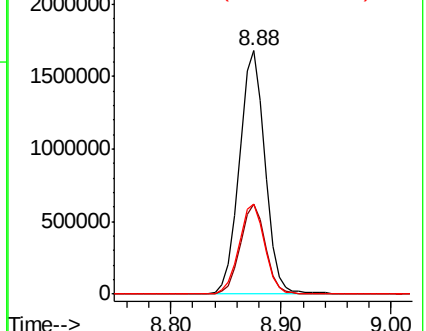
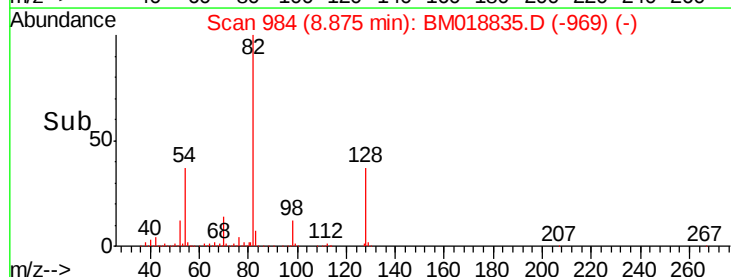
54 37.1 29.1 43.7

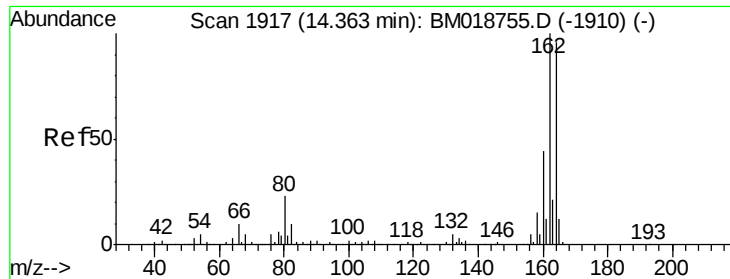


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018835.D

Acq: 18 Feb 2019 13:11

Instrument :

BNA_M

ClientSampleId :

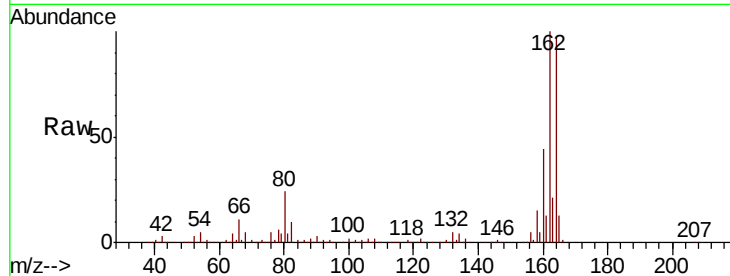
Tot Ion:164 Resp: 772104

Ion Ratio Lower Upper

164 100

162 103.3 83.4 125.0

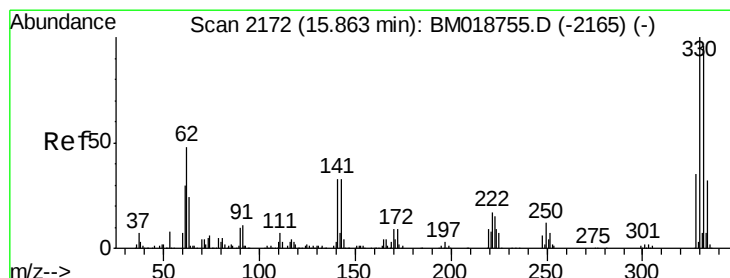
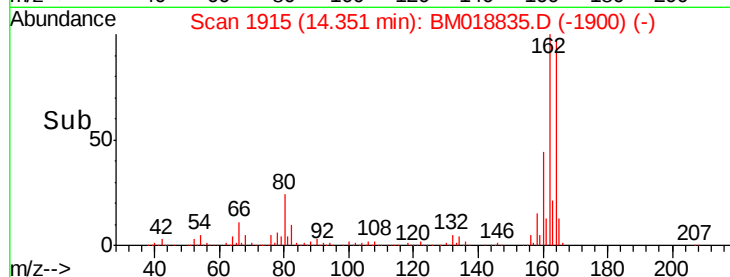
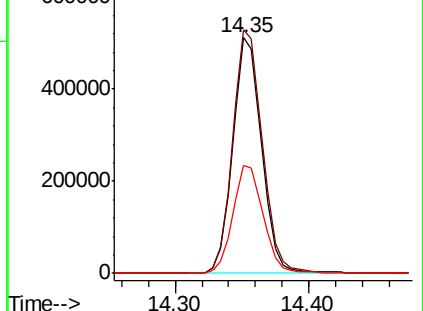
160 45.8 36.6 55.0



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: 140.470 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018835.D

Acq: 18 Feb 2019 13:11

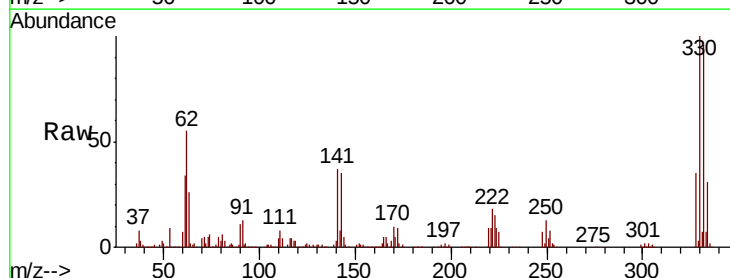
Tgt Ion:330 Resp: 1563388

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

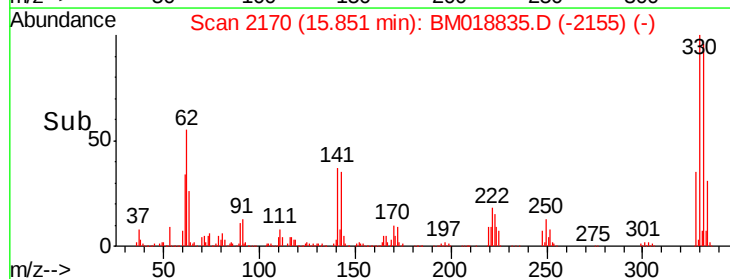
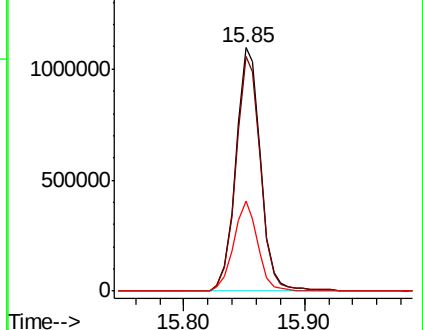
141 36.1 28.7 43.1

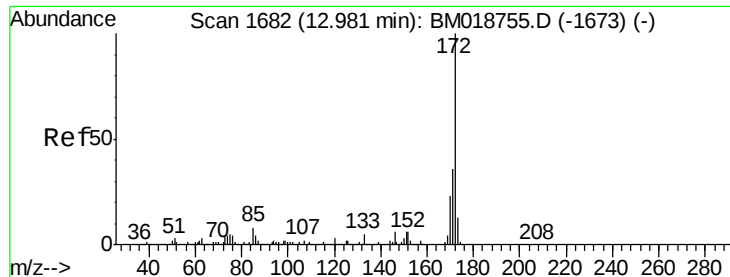


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

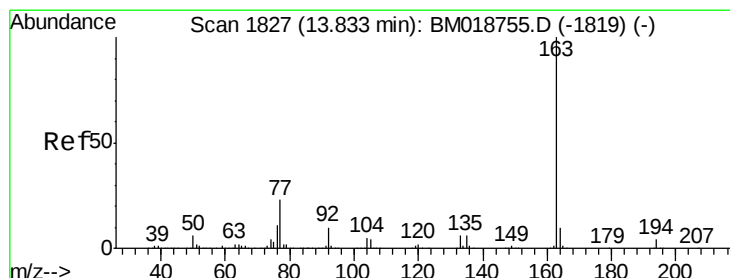
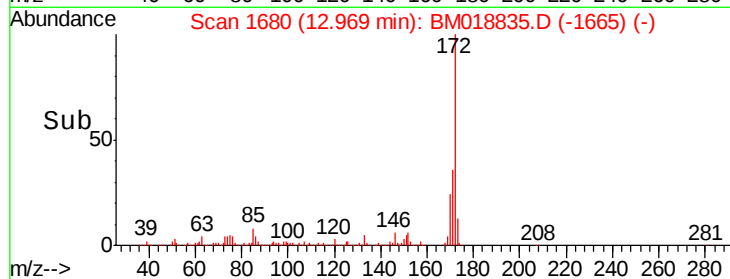
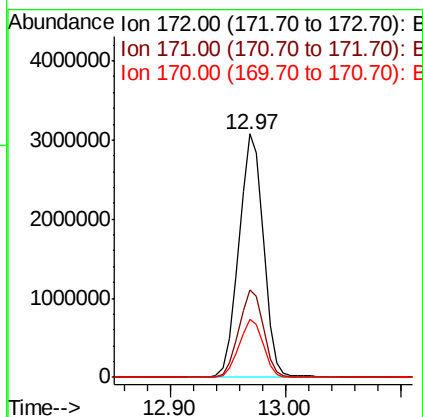
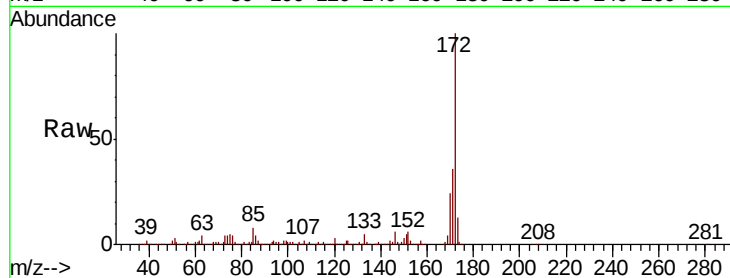




#45
2-Fluorobiphenyl
Concen: 78.115 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018835.D
Acq: 18 Feb 2019 13:11

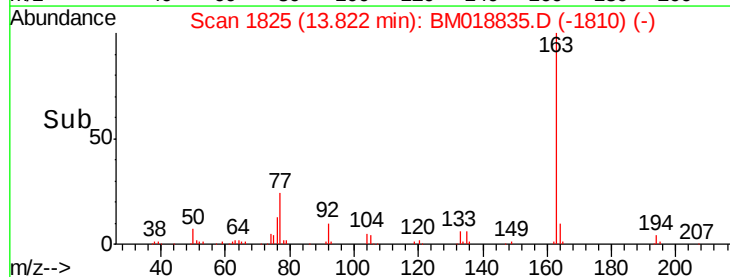
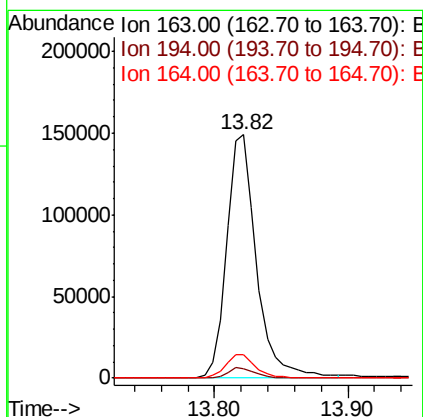
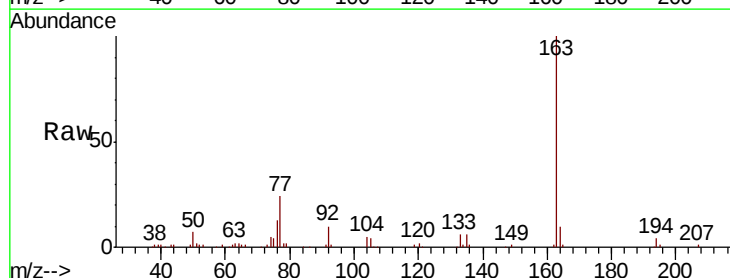
Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 4543422
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.7 18.6 28.0



#50
Dimethylphthalate
Concen: 3.626 ng
RT: 13.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM018835.D
Acq: 18 Feb 2019 13:11

Tgt Ion:163 Resp: 233318
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.7 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM018835.D

Acq: 18 Feb 2019 13:11

Instrument :

BNA_M

ClientSampleId :

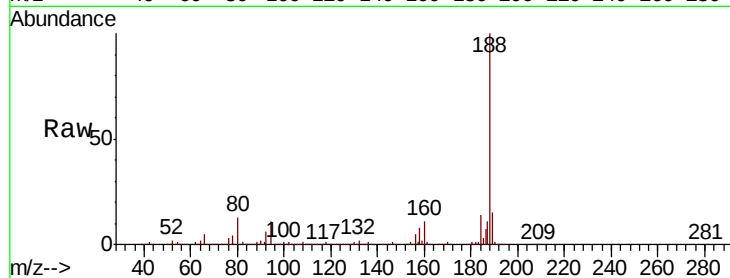
Tot Ion:188 Resp: 1780568

Ion Ratio Lower Upper

188 100

94 11.0 8.2 12.2

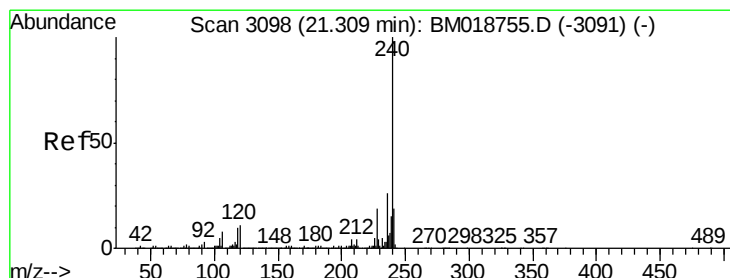
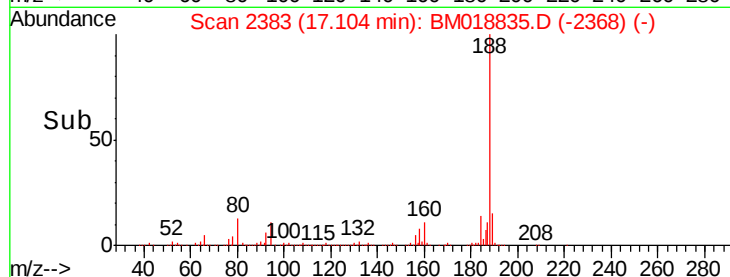
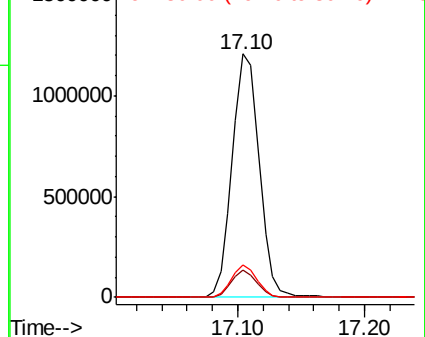
80 13.2 9.7 14.5



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: 21.30 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM018835.D

Acq: 18 Feb 2019 13:11

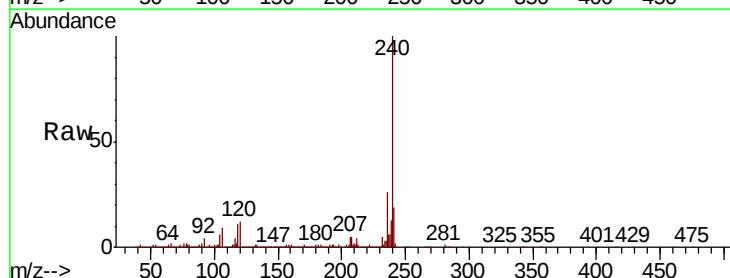
Tgt Ion:240 Resp: 1782704

Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

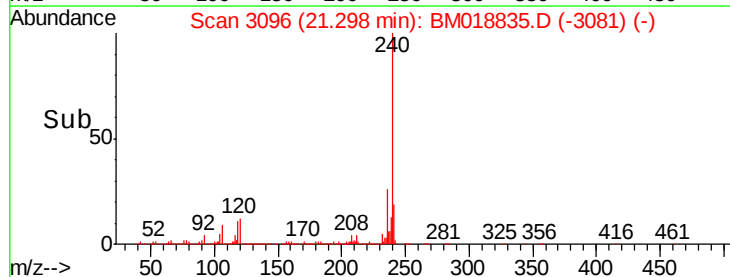
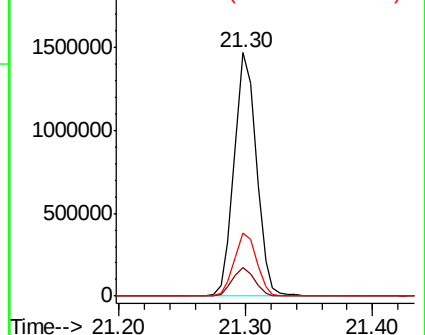
236 25.7 20.9 31.3

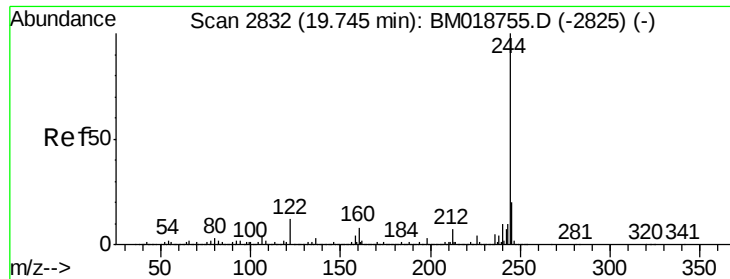


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.742 ng

RT: 19.75 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BM018835.D

Acq: 18 Feb 2019 13:11

Instrument :

BNA_M

ClientSampleId :

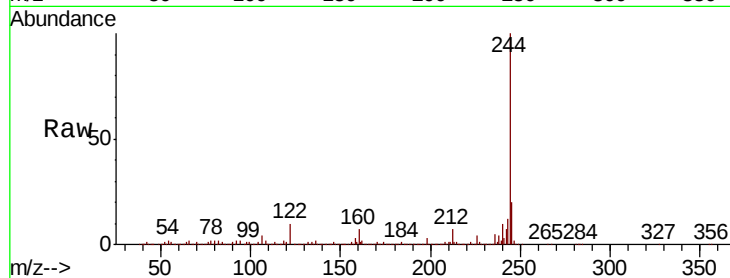
Tot Ion:244 Resp: 7323164

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

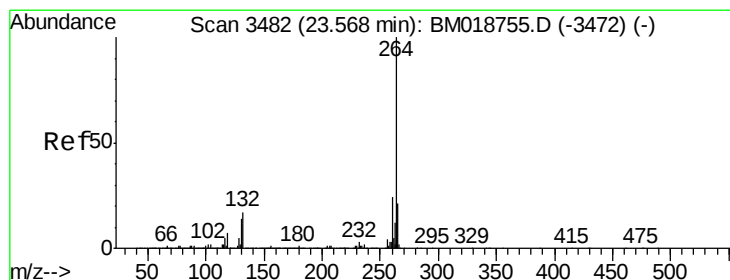
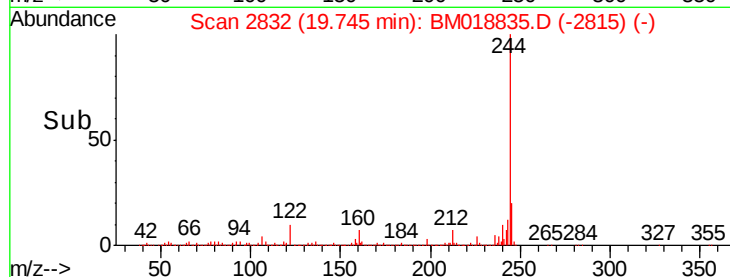
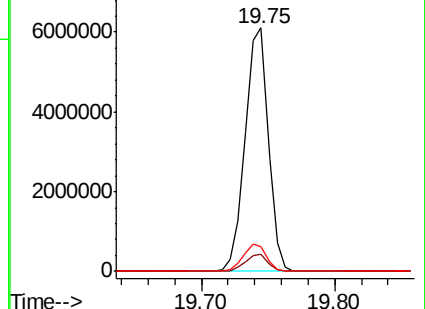
122 10.2 9.3 13.9



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: 23.56 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BM018835.D

Acq: 18 Feb 2019 13:11

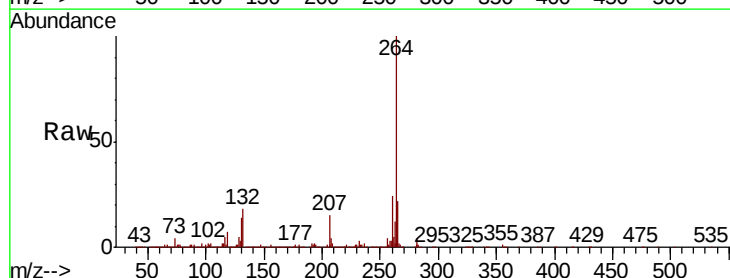
Tgt Ion:264 Resp: 1606451

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.5 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

