

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
 Data File : BM018836.D
 Acq On : 18 Feb 2019 13:47
 Operator : JU/SJ
 Sample : K1501-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 18 15:27:27 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

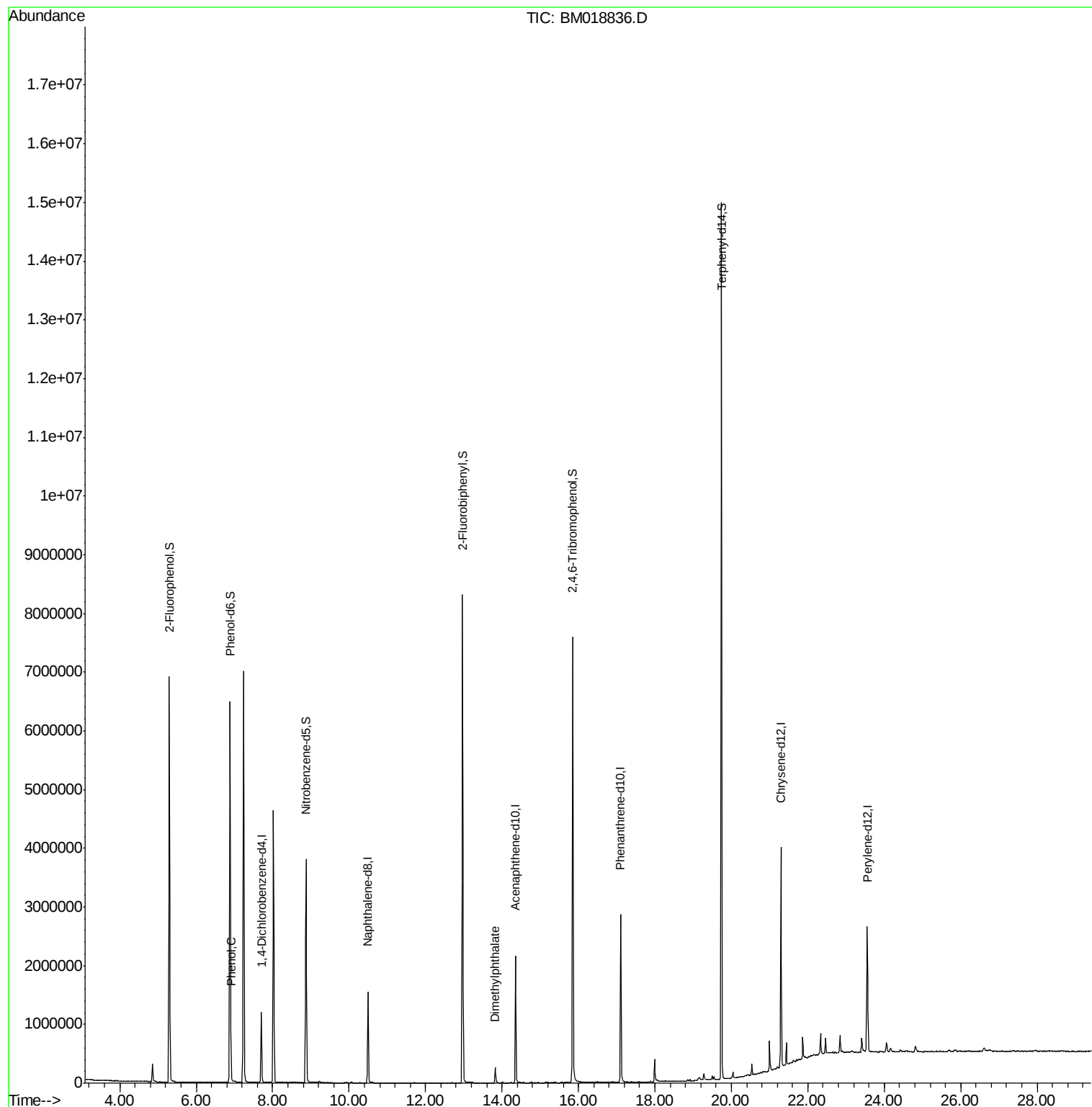
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	304119	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1227645	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	691547	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1588759	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1598342	20.00	ng	-0.01
87) Perylene-d12	23.56	264	1459109	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2739481	147.59	ng	0.00
7) Phenol-d6	6.88	99	3823293	146.22	ng	0.00
23) Nitrobenzene-d5	8.88	82	2457301	92.55	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1345356	134.96	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3930981	75.46	ng	-0.01
79) Terphenyl-d14	19.74	244	6490883	83.77	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	10826	Below Cal		Qvalue # 7
10) Phenol	6.91	94	123214	4.478	ng	92
50) Dimethylphthalate	13.82	163	184847	3.207	ng	99

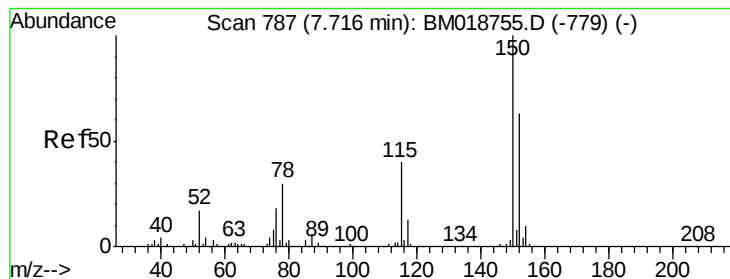
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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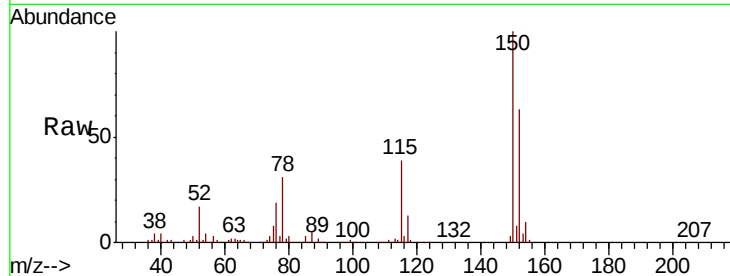


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018836.D
Acq: 18 Feb 2019 13:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	127.3	190.9
115	62.3	50.8	76.2

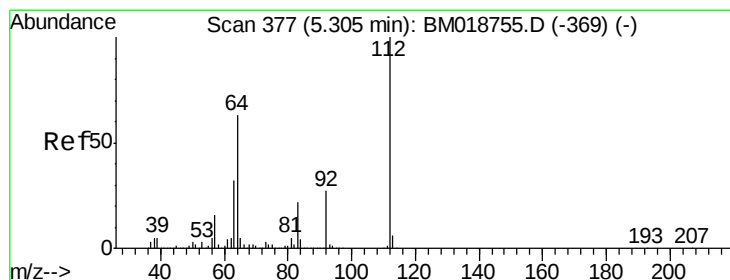
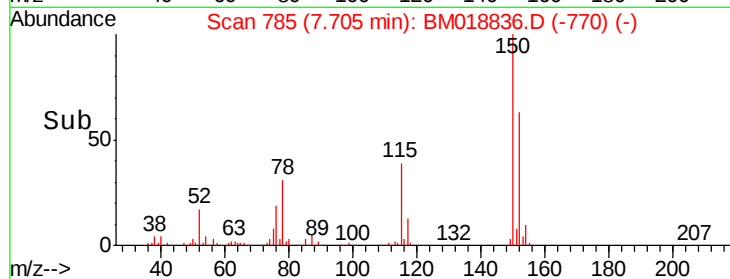
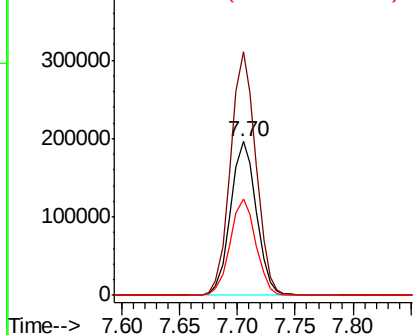


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

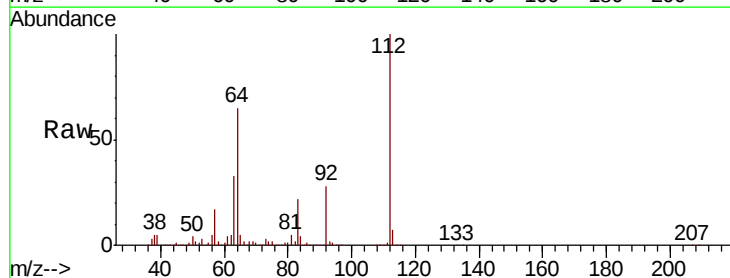
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.593 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018836.D
Acq: 18 Feb 2019 13:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	50.6	75.8
63	33.0	25.7	38.5

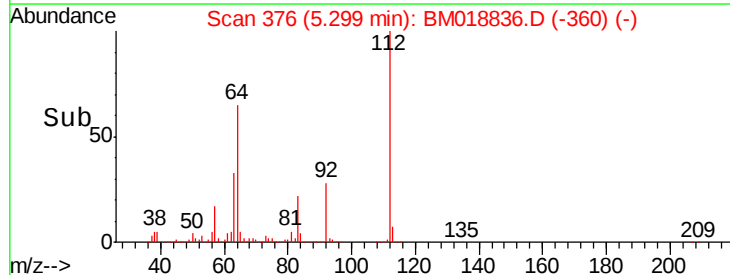
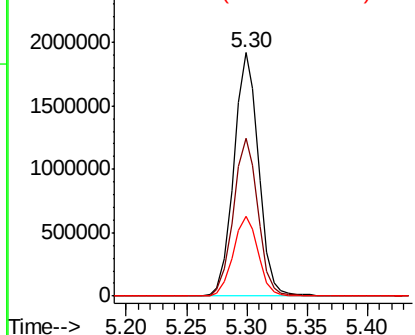


Abundance

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: 146.217 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018836.D

Acq: 18 Feb 2019 13:47

Instrument :

BNA_M

ClientSampleId :

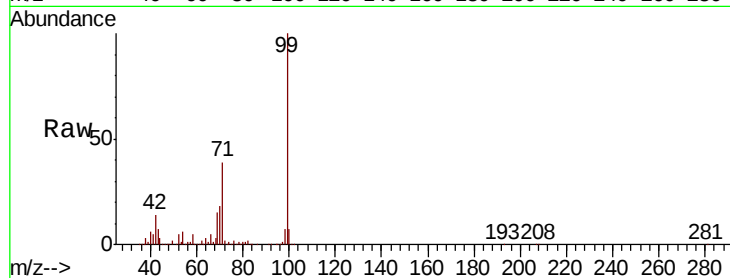
Tot Ion: 99 Resp: 3823293

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

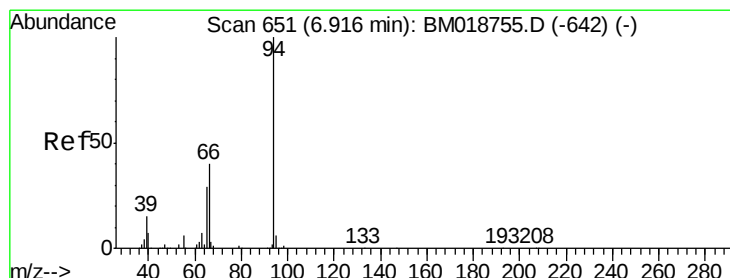
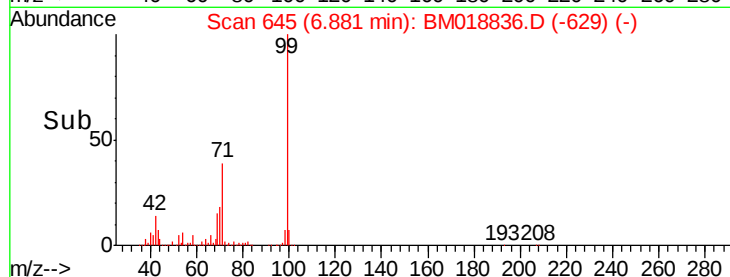
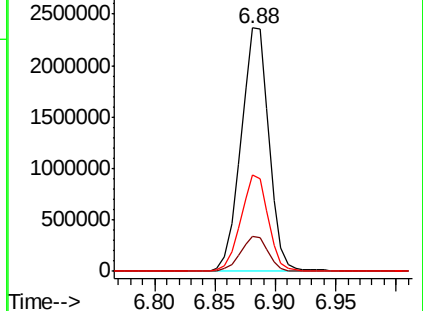
71 39.3 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018836.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018836.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018836.D (-629) (-)



#10

Phenol

Concen: 4.478 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM018836.D

Acq: 18 Feb 2019 13:47

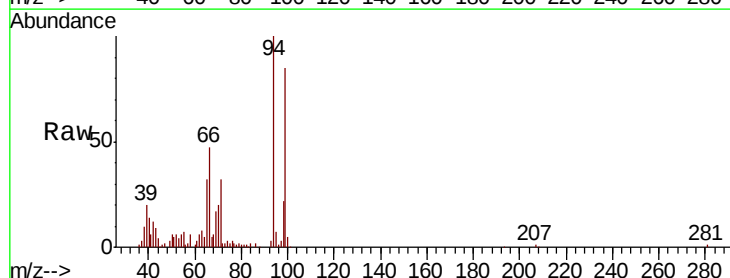
Tgt Ion: 94 Resp: 123214

Ion Ratio Lower Upper

94 100

65 32.0 9.6 49.6

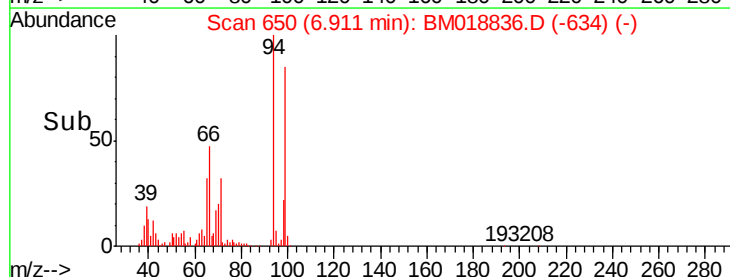
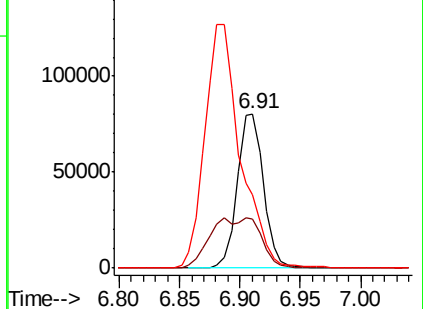
66 47.1 20.4 60.4

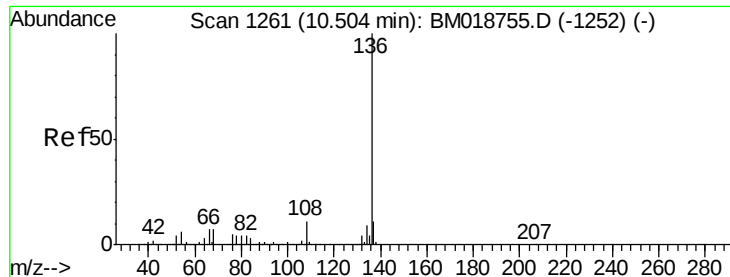


Abundance Ion 94.00 (93.70 to 94.70): BM018836.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018836.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018836.D (-634) (-)

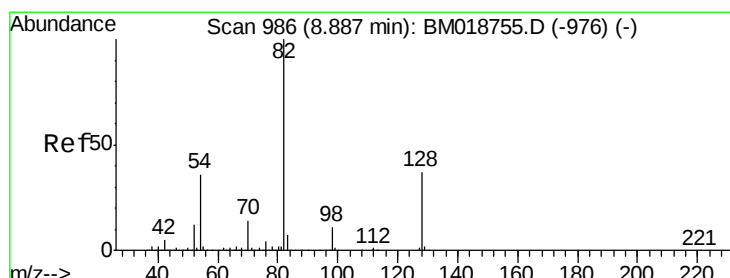
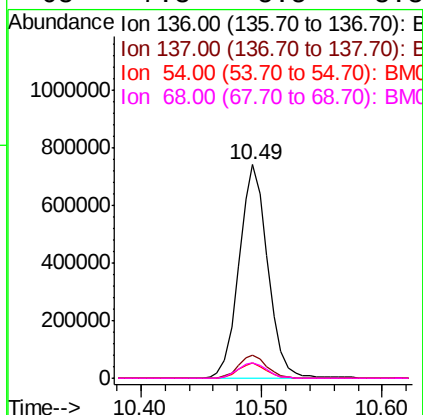
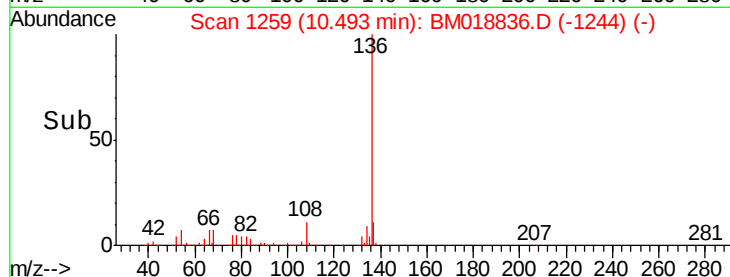
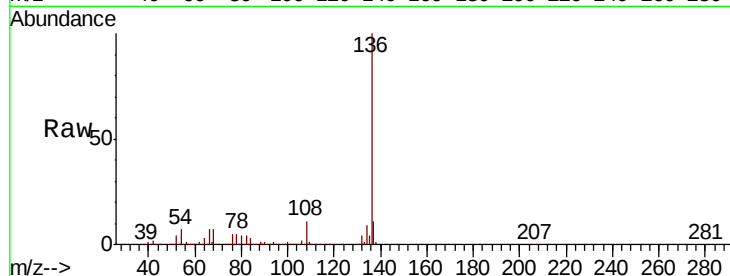




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM018836.D
Acq: 18 Feb 2019 13:47

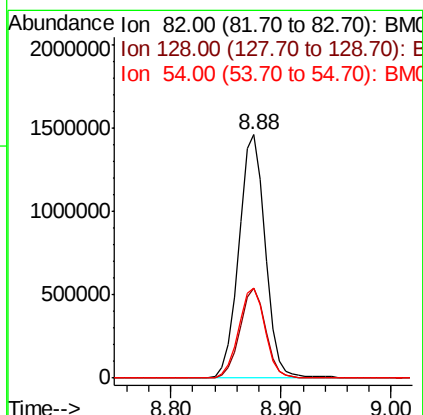
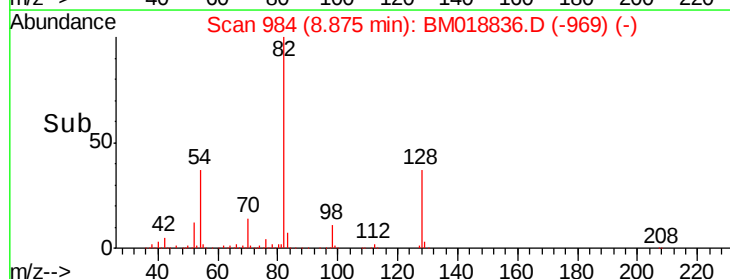
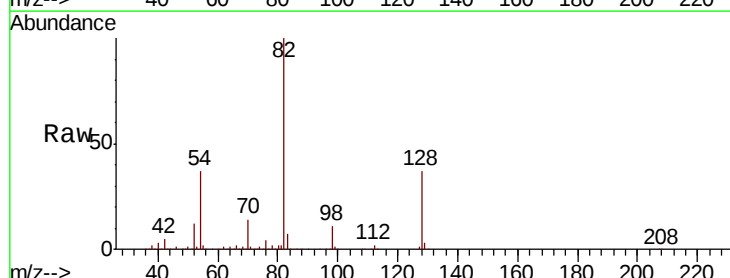
Instrument :
BNA_M
ClientSampled :

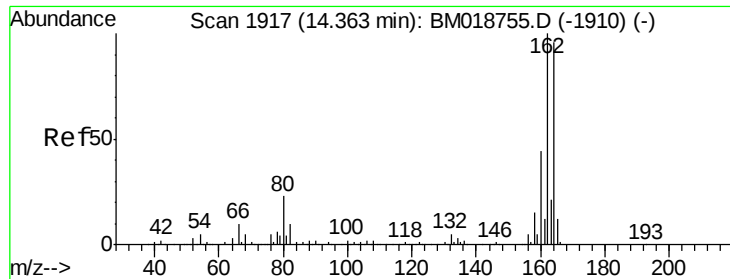
Tot Ion:136	Resp: 1227645
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 7.1	5.0 7.6
68 7.3	5.5 8.3



#23
Nitrobenzene-d5
Concen: 92.553 ng
RT: 8.88 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM018836.D
Acq: 18 Feb 2019 13:47

Tgt Ion: 82	Resp: 2457301
Ion Ratio	Lower Upper
82 100	
128 37.0	29.9 44.9
54 37.2	29.1 43.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018836.D

Acq: 18 Feb 2019 13:47

Instrument :

BNA_M

ClientSampleId :

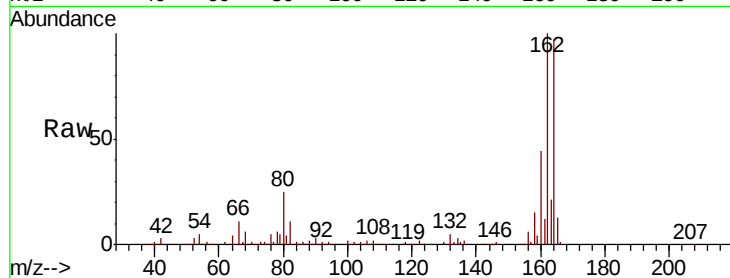
Tot Ion:164 Resp: 691547

Ion Ratio Lower Upper

164 100

162 103.6 83.4 125.0

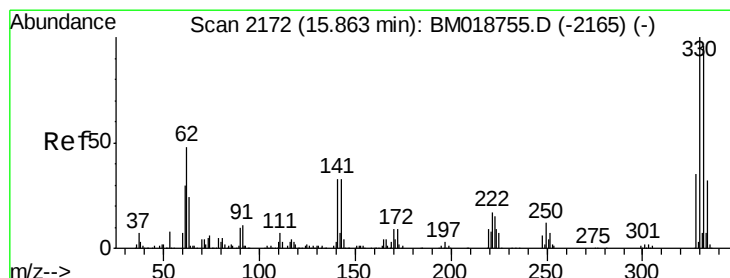
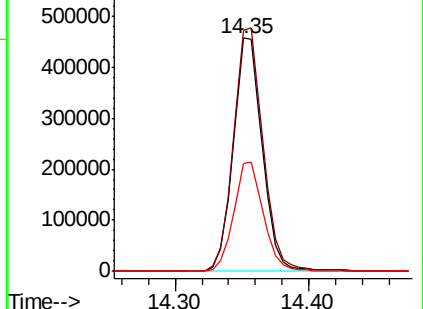
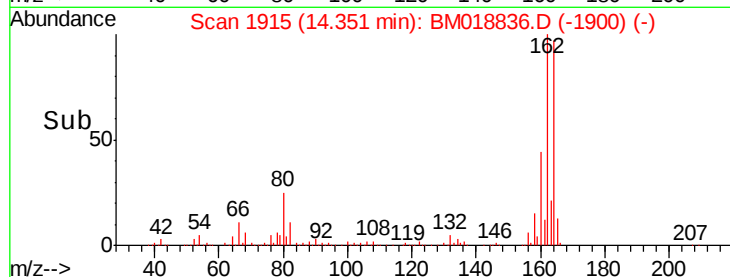
160 46.0 36.6 55.0



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: 134.961 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018836.D

Acq: 18 Feb 2019 13:47

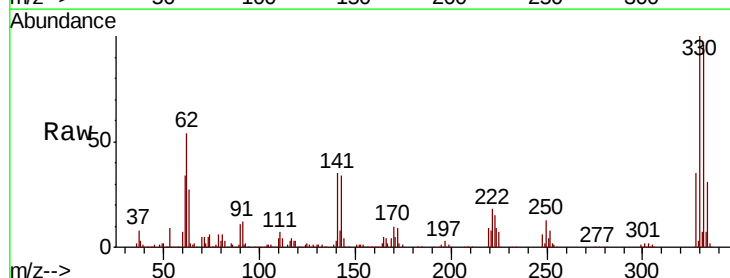
Tgt Ion:330 Resp: 1345356

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

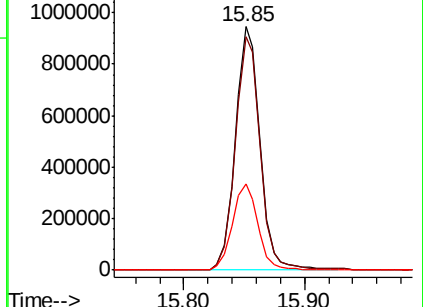
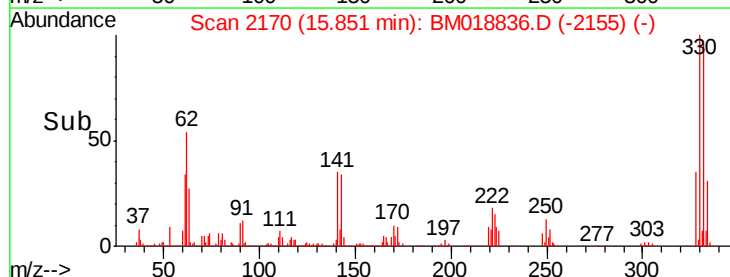
141 36.6 28.7 43.1



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

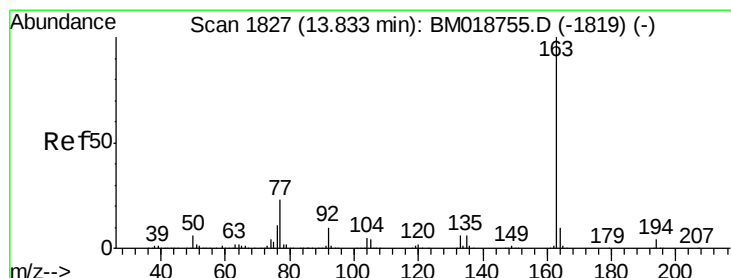
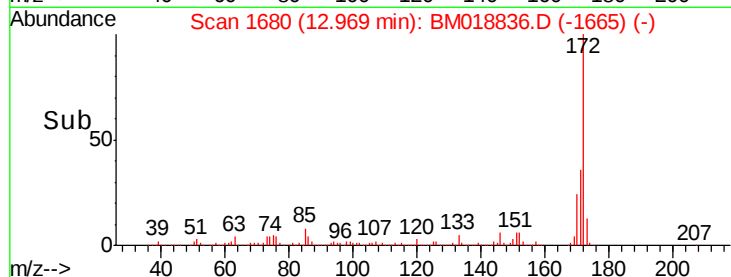
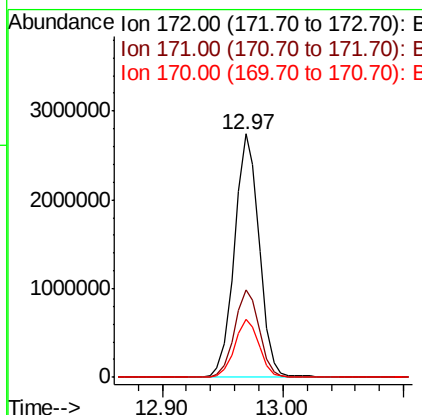
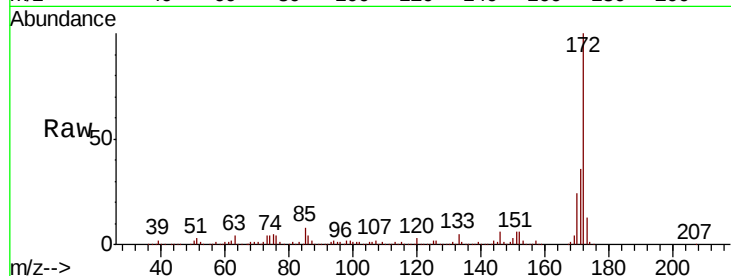




#45
2-Fluorobiphenyl
Concen: 75.458 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018836.D
Acq: 18 Feb 2019 13:47

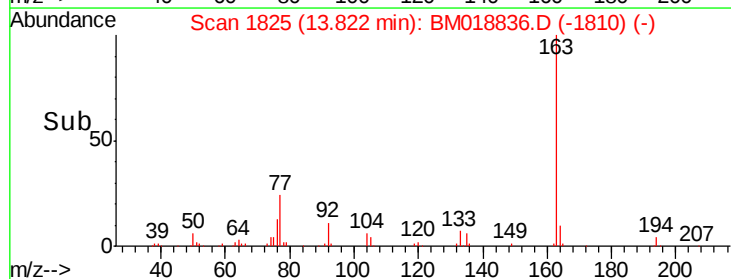
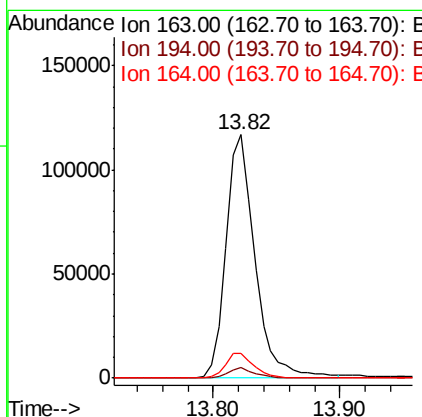
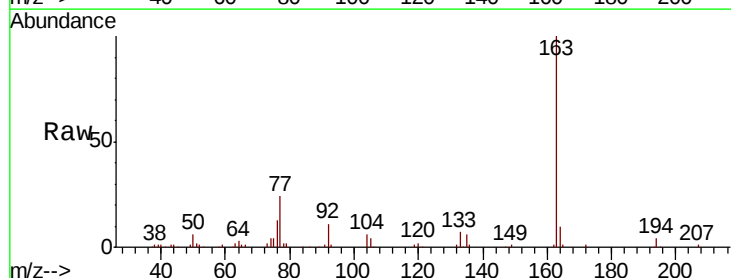
Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 3930981
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.0 18.6 28.0



#50
Dimethylphthalate
Concen: 3.207 ng
RT: 13.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM018836.D
Acq: 18 Feb 2019 13:47

Tgt Ion:163 Resp: 184847
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.1 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: BM018836.D

Acq: 18 Feb 2019 13:47

Instrument :

BNA_M

ClientSampled :

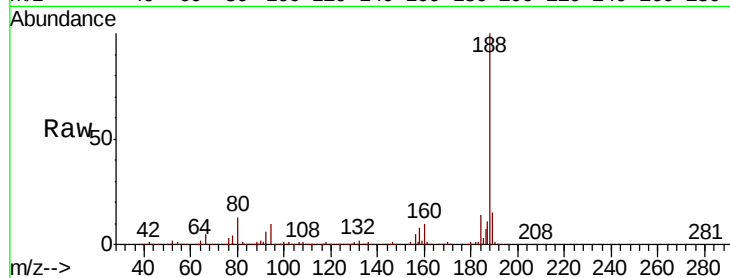
Tot Ion:188 Resp: 1588759

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

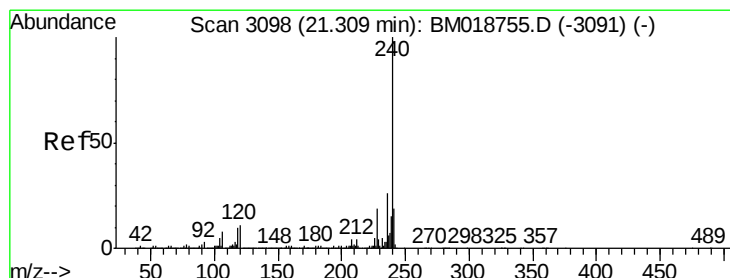
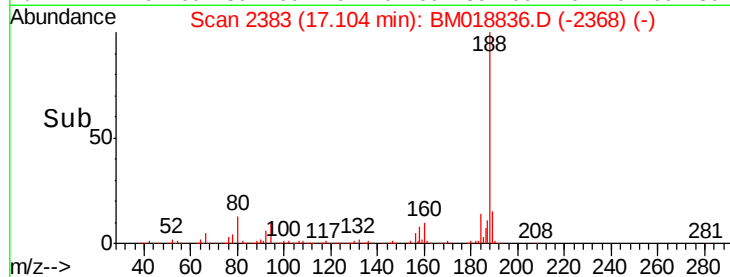
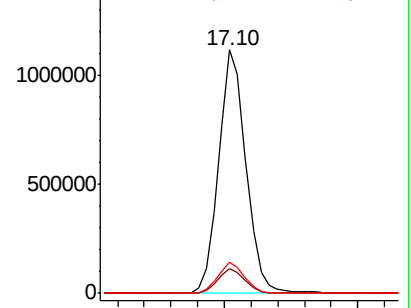
80 13.0 9.7 14.5



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: BM018836.D

Acq: 18 Feb 2019 13:47

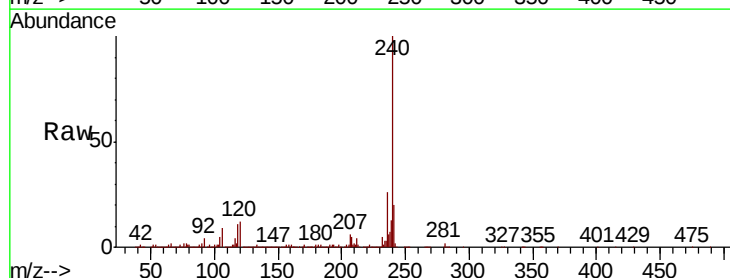
Tgt Ion:240 Resp: 1598342

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

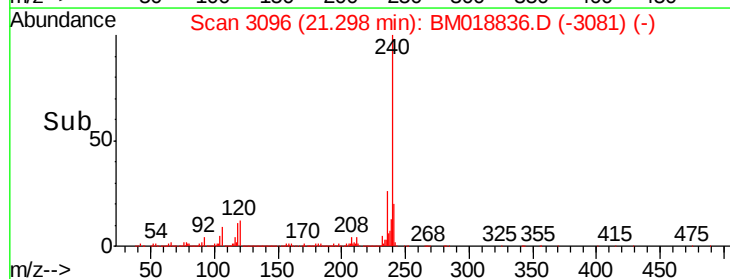
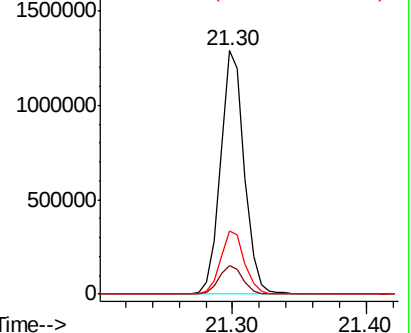
236 26.0 20.9 31.3

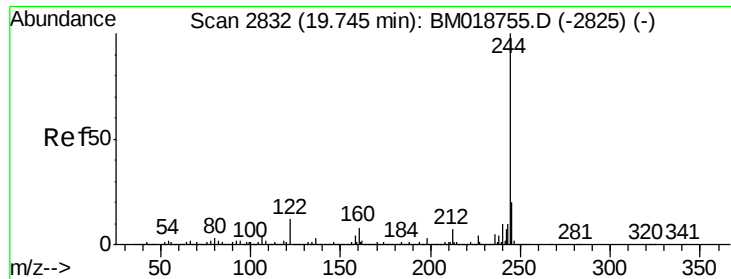


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

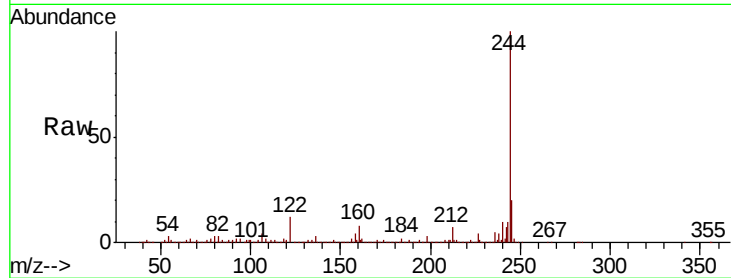




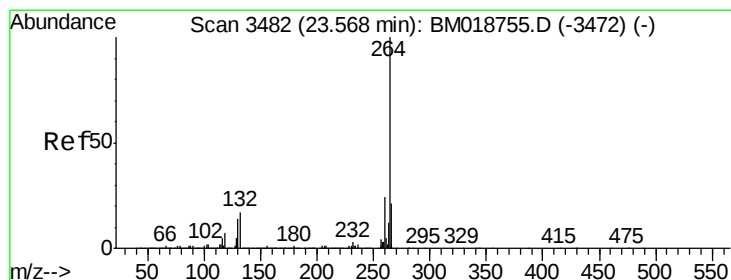
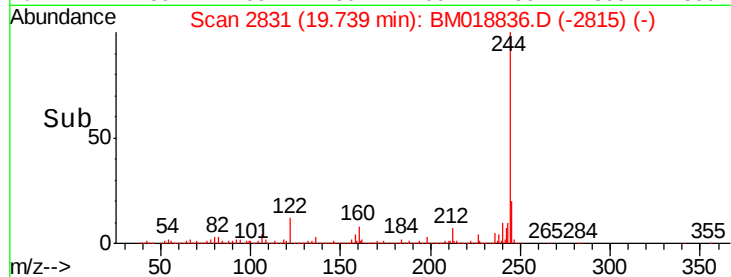
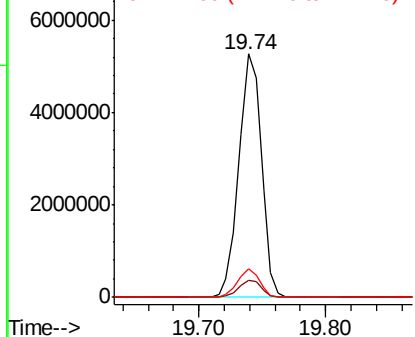
#79
 Terphenyl-d14
 Concen: 83.774 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018836.D
 Acq: 18 Feb 2019 13:47

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 6490883
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.6 9.3 13.9

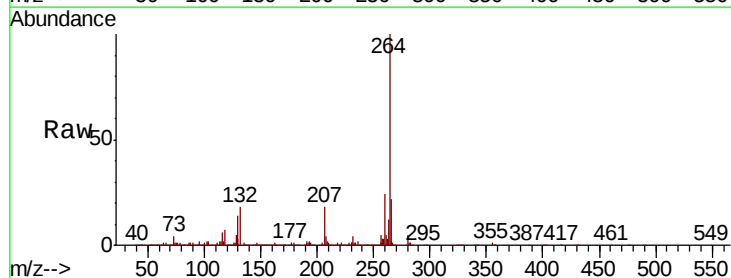


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.56 min Scan# 3480
 Delta R.T. -0.01 min
 Lab File: BM018836.D
 Acq: 18 Feb 2019 13:47

Tgt Ion:264 Resp: 1459109
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 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

