

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
 Data File : BM018824.D
 Acq On : 15 Feb 2019 19:31
 Operator : JU/SJ
 Sample : K1484-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 M-2-D

Quant Time: Feb 15 23:20:39 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

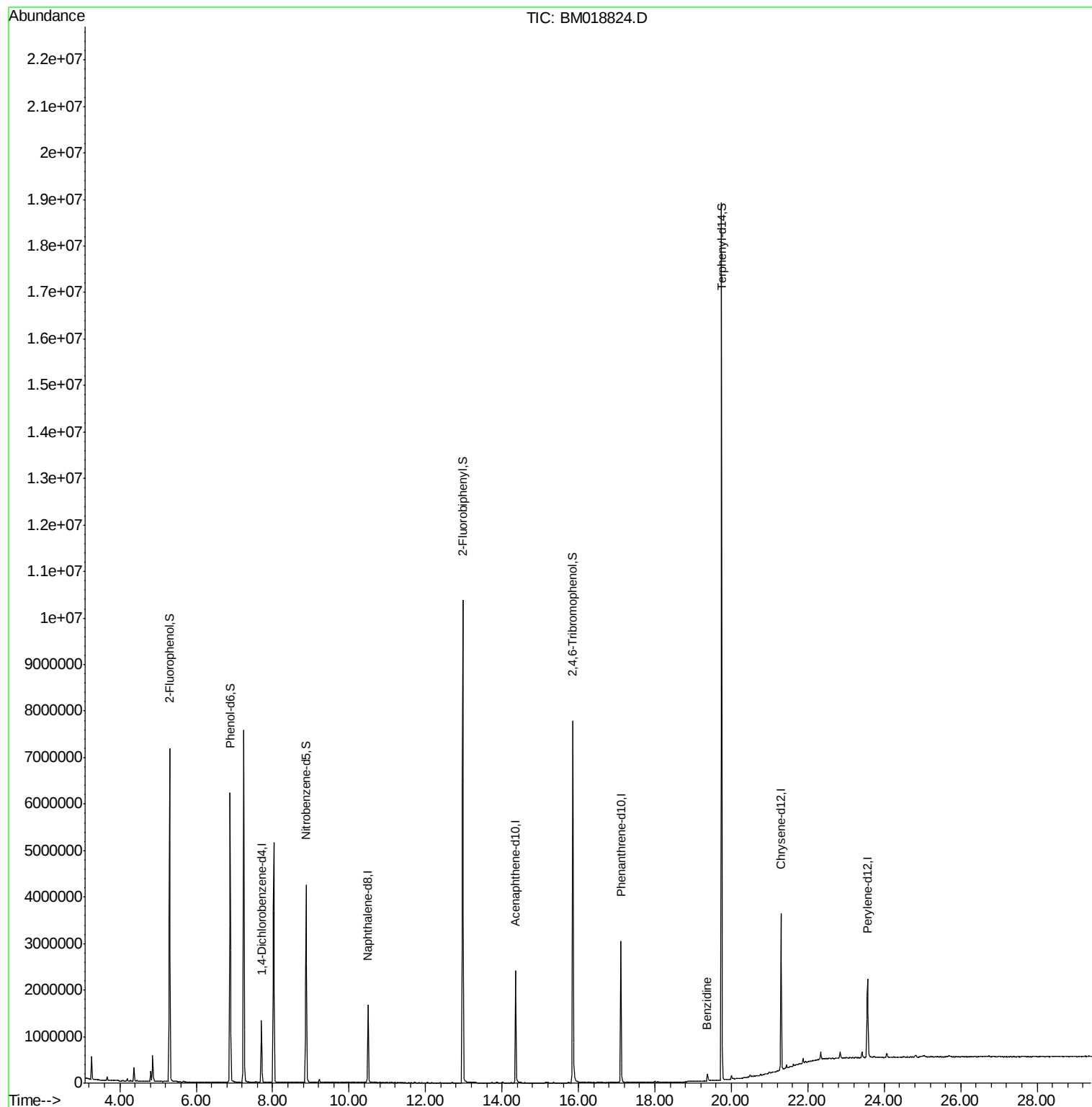
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	343080	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1361815	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	757051	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1700707	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1464046	20.00	ng	0.00
87) Perylene-d12	23.56	264	1232290	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2775944	132.57	ng	0.00
7) Phenol-d6	6.89	99	3476030	117.84	ng	0.00
23) Nitrobenzene-d5	8.87	82	2680878	91.03	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1471891	134.88	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5180750	90.84	ng	0.00
79) Terphenyl-d14	19.74	244	7838384	110.45	ng	0.00
Target Compounds						
77) Benzidine	19.37	184	100812	3.057	ng	Qvalue 99

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

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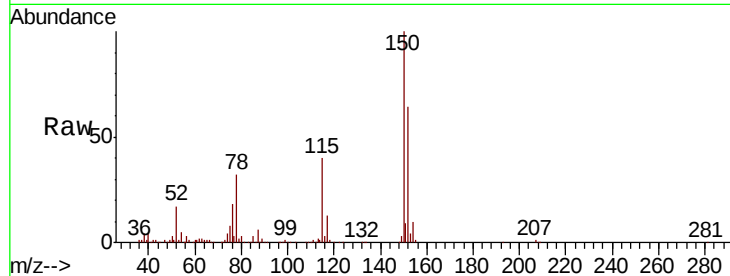


#1

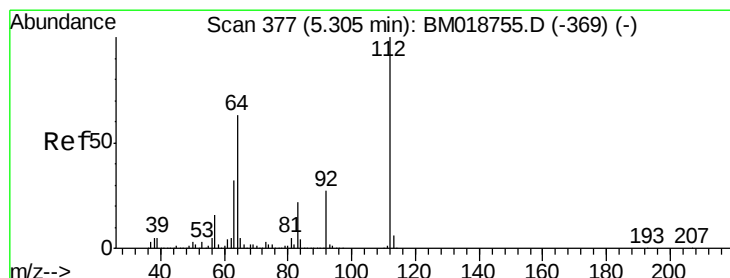
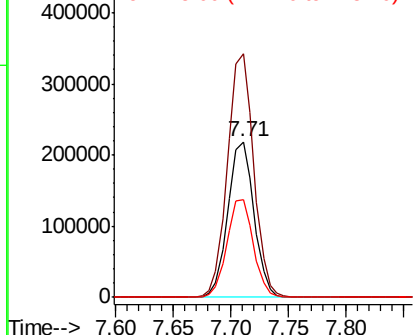
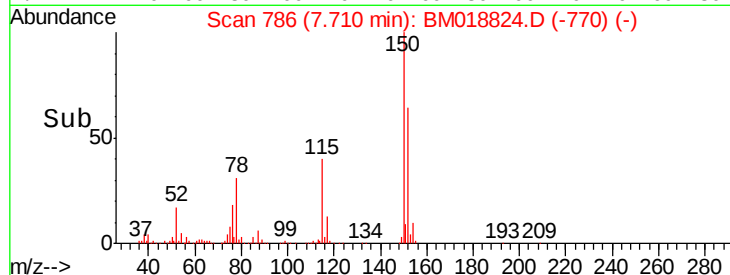
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018824.D
Acq: 15 Feb 2019 19:31

Instrument :
BNA_M
ClientSampled :
M-2-D

Tot Ion:152 Resp: 343080
Ion Ratio Lower Upper
152 100
150 156.4 127.3 190.9
115 62.6 50.8 76.2



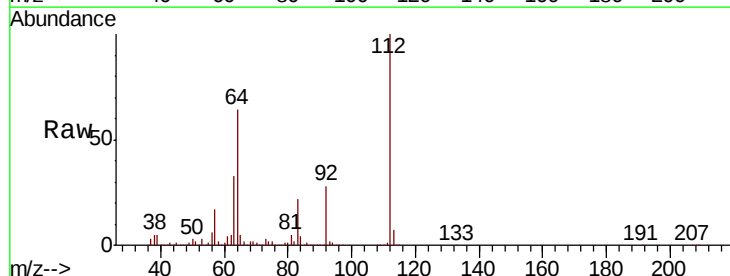
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



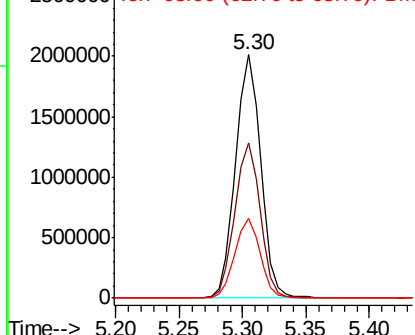
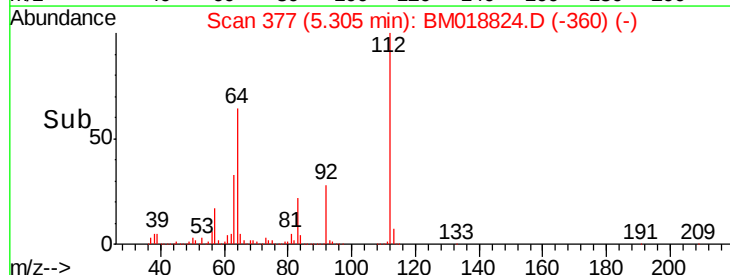
#5

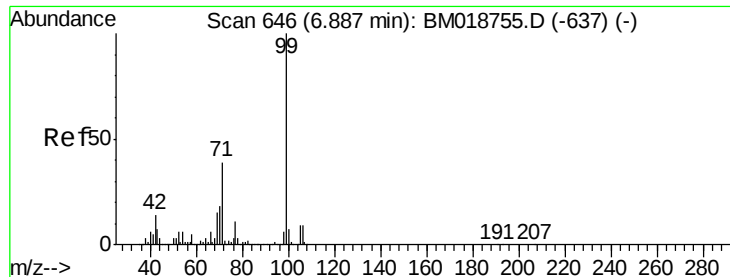
2-Fluorophenol
Concen: 132.573 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018824.D
Acq: 15 Feb 2019 19:31

Tgt Ion:112 Resp: 2775944
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: 117.840 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018824.D

Acq: 15 Feb 2019 19:31

Instrument :

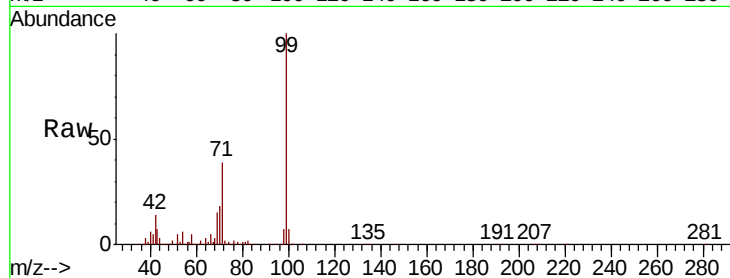
BNA_M

ClientSampleId :

M-2-D

Tot Ion: 99 Resp: 3476030

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.0	16.6
71	38.6	31.3	46.9

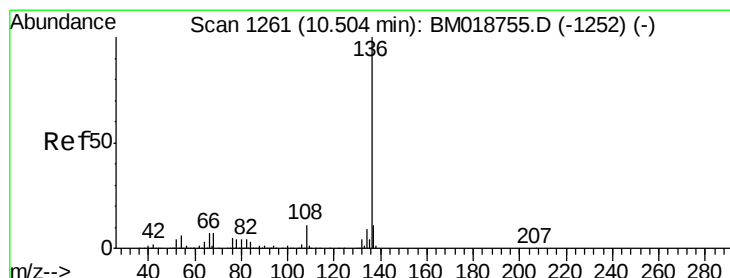
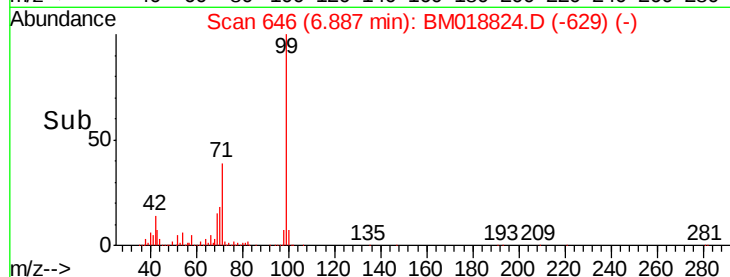
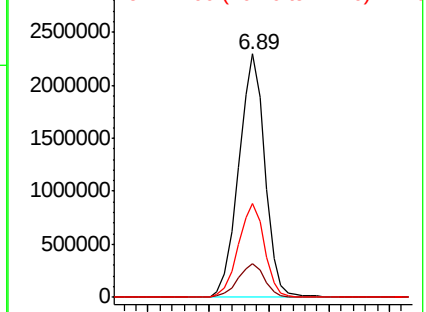


Abundance

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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1260

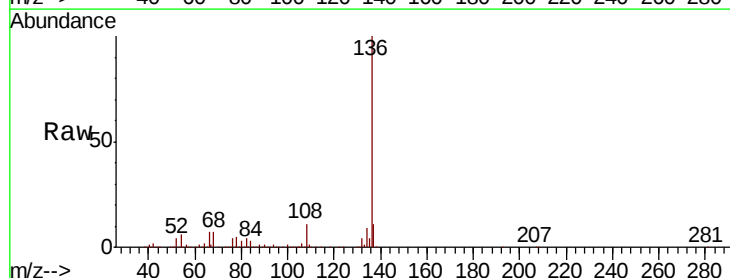
Delta R.T. -0.01 min

Lab File: BM018824.D

Acq: 15 Feb 2019 19:31

Tgt Ion: 136 Resp: 1361815

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.5	5.0	7.6
68	7.0	5.5	8.3



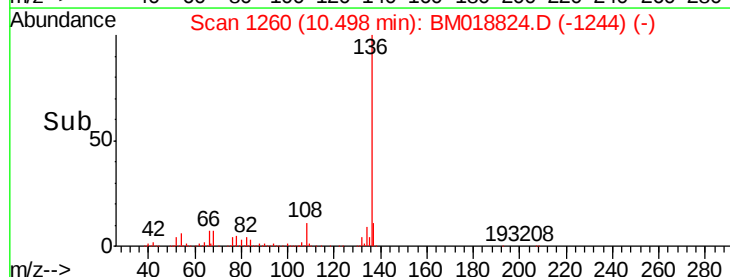
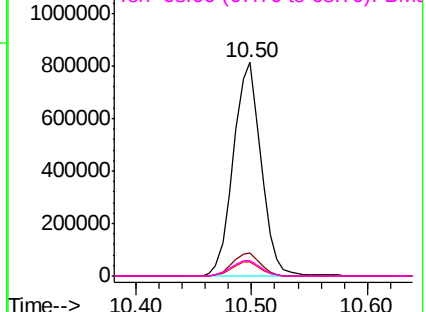
Abundance

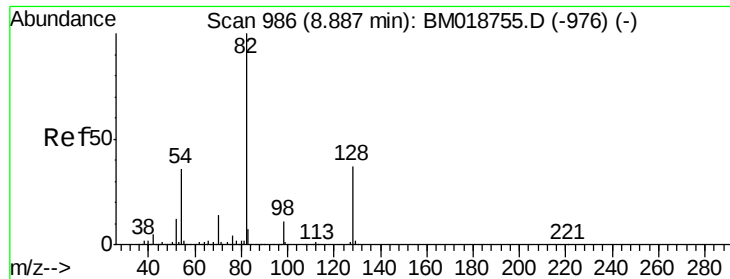
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

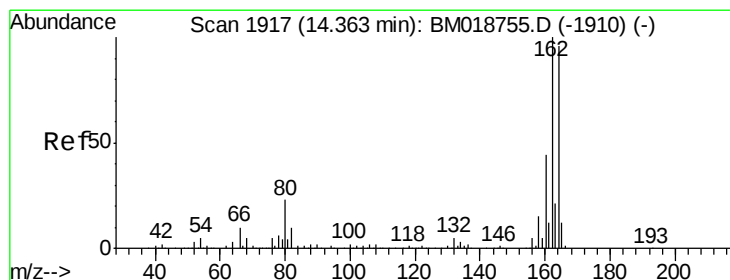
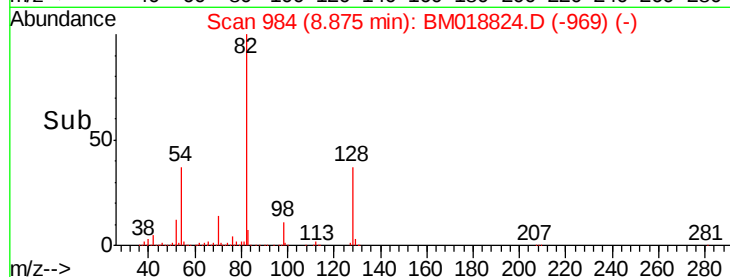
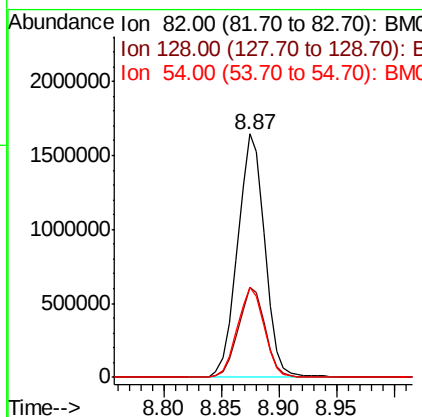
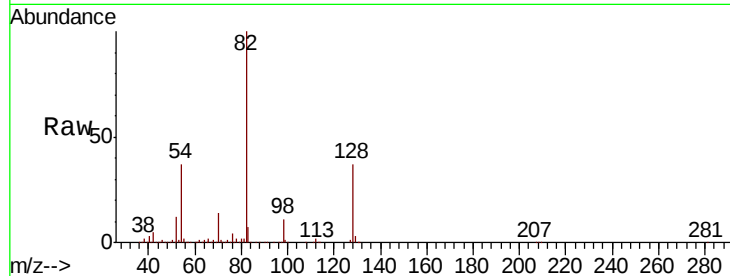




#23
 Nitrobenzene-d5
 Concen: 91.026 ng
 RT: 8.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM018824.D
 Acq: 15 Feb 2019 19:31

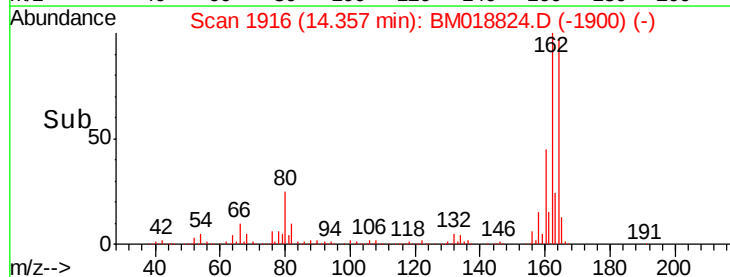
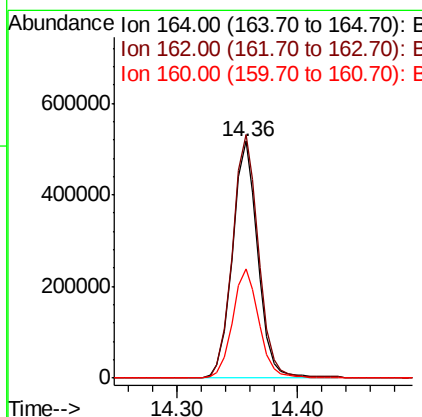
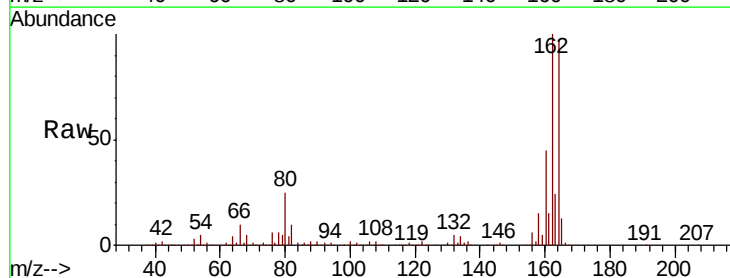
Instrument :
 BNA_M
 ClientSampleId :
 M-2-D

Tot Ion: 82 Resp: 2680878
 Ion Ratio Lower Upper
 82 100
 128 36.9 29.9 44.9
 54 36.9 29.1 43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.36 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM018824.D
 Acq: 15 Feb 2019 19:31

Tgt Ion: 164 Resp: 757051
 Ion Ratio Lower Upper
 164 100
 162 102.7 83.4 125.0
 160 45.8 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 134.879 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018824.D

Acq: 15 Feb 2019 19:31

Instrument :

BNA_M

ClientSampleId :

M-2-D

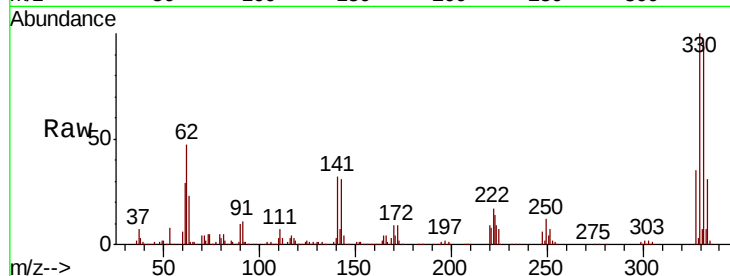
Tot Ion:330 Resp: 1471891

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

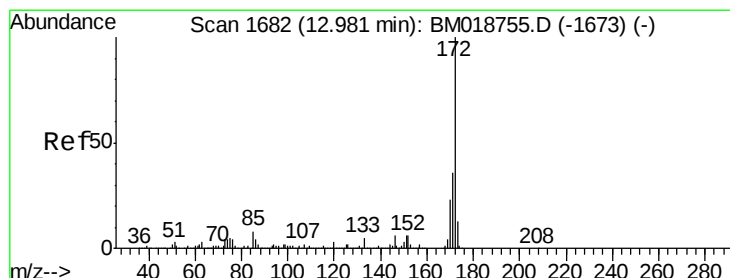
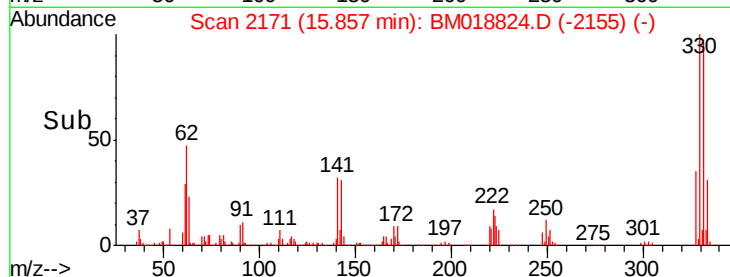
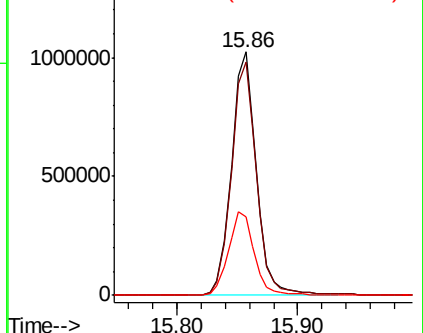
141 35.5 28.7 43.1



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: 90.844 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BM018824.D

Acq: 15 Feb 2019 19:31

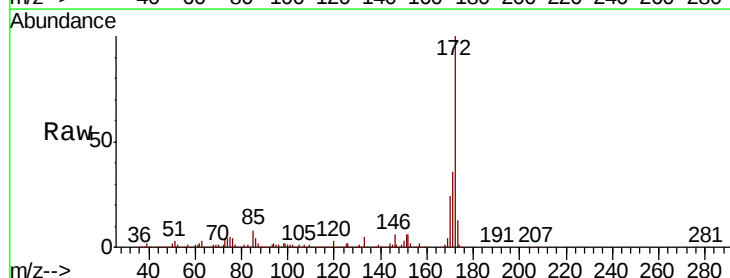
Tgt Ion:172 Resp: 5180750

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

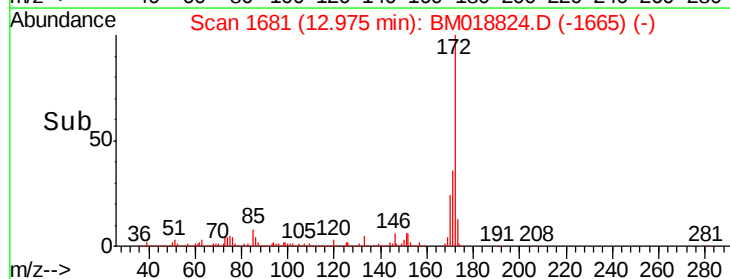
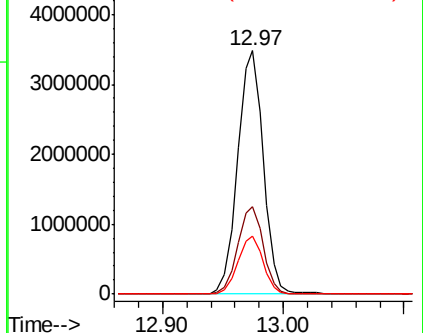
170 23.6 18.6 28.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

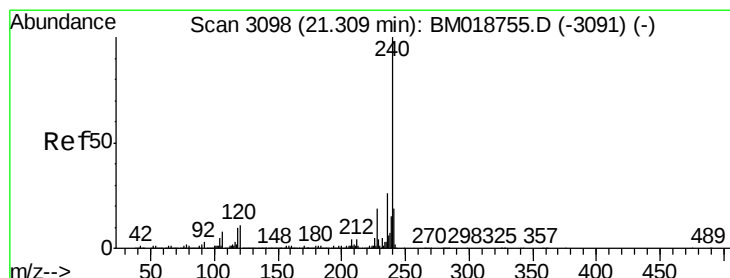
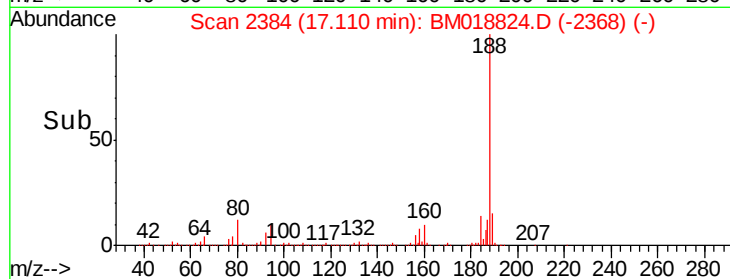
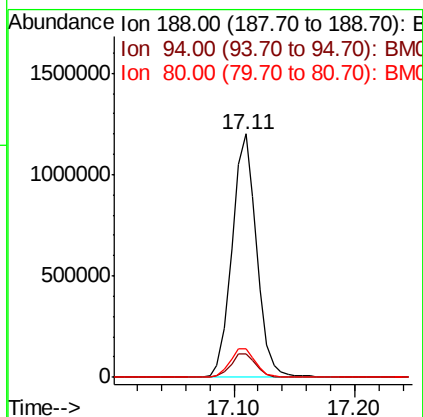
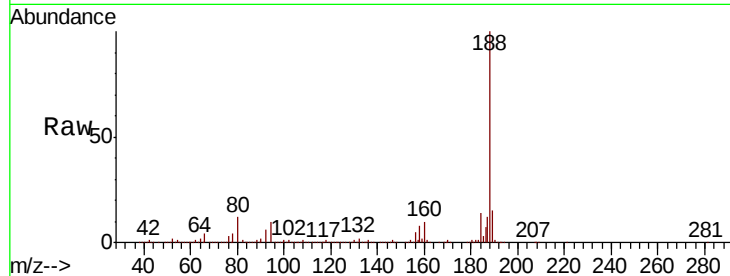




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018824.D
Acq: 15 Feb 2019 19:31

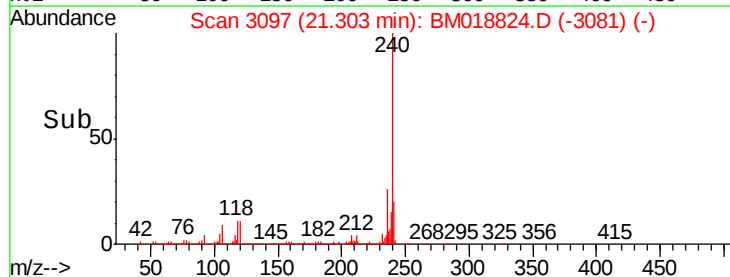
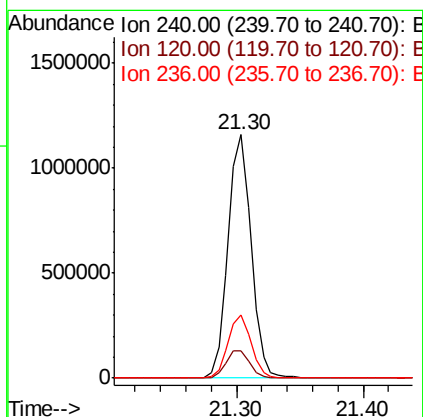
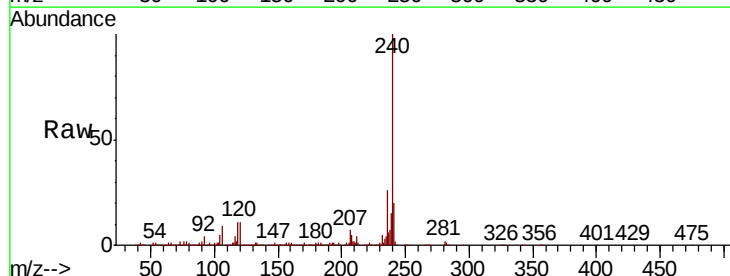
Instrument :
BNA_M
ClientSampleId :
M-2-D

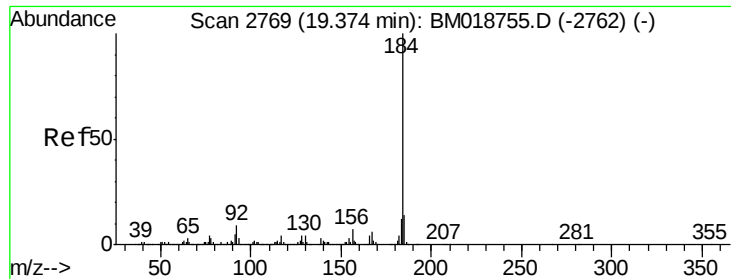
Tot Ion:188 Resp: 1700707
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 11.9 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018824.D
Acq: 15 Feb 2019 19:31

Tgt Ion:240 Resp: 1464046
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.0 20.9 31.3





#77

Benzidine

Concen: 3.057 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM018824.D

Acq: 15 Feb 2019 19:31

Instrument :

BNA_M

ClientSampleId :

M-2-D

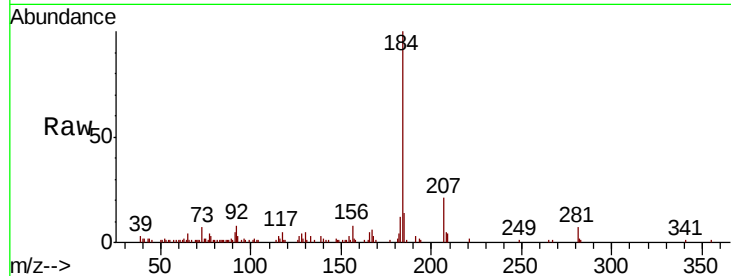
Tot Ion:184 Resp: 100812

Ion Ratio Lower Upper

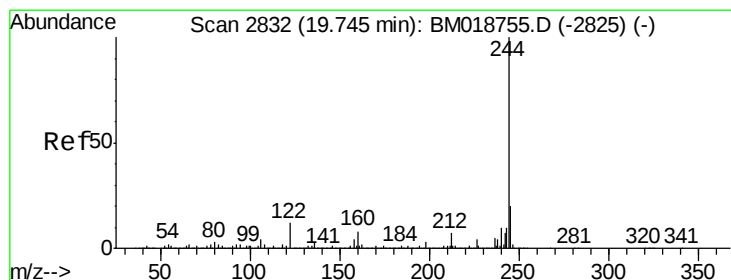
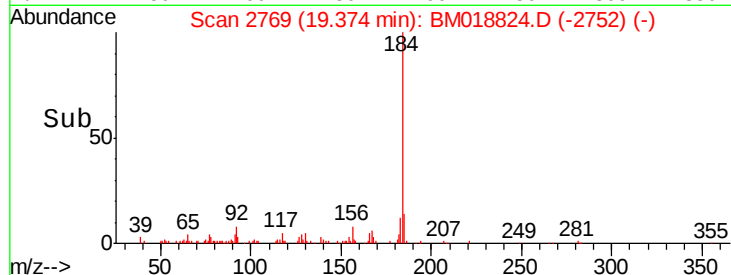
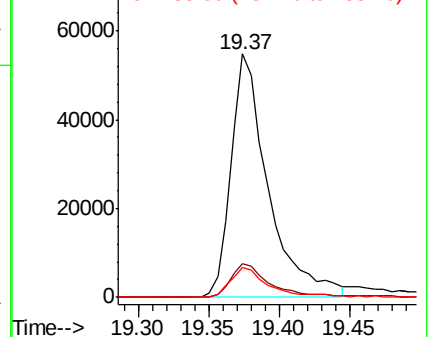
184 100

185 13.7 11.2 16.8

183 12.4 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 110.446 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018824.D

Acq: 15 Feb 2019 19:31

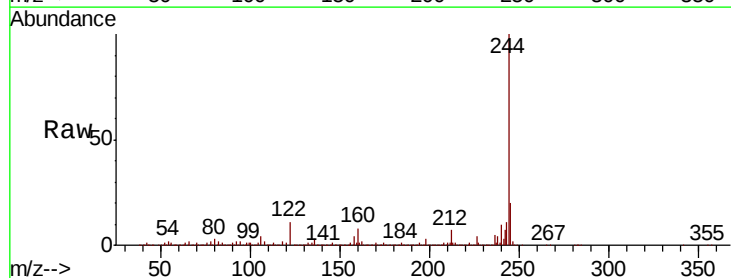
Tgt Ion:244 Resp: 7838384

Ion Ratio Lower Upper

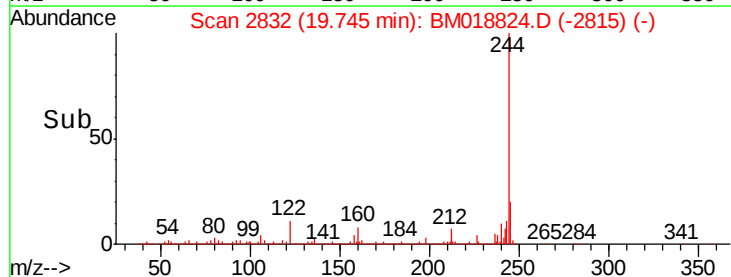
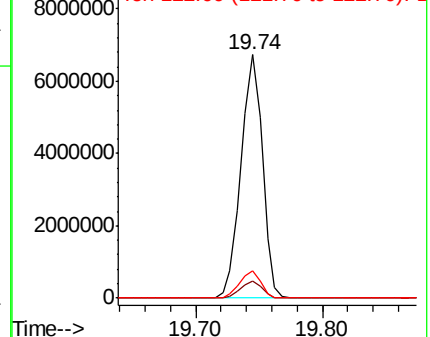
244 100

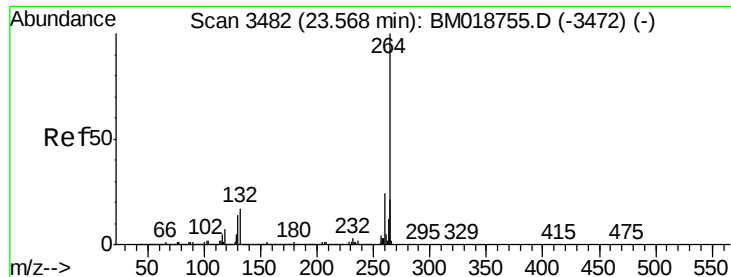
212 7.2 5.6 8.4

122 11.2 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



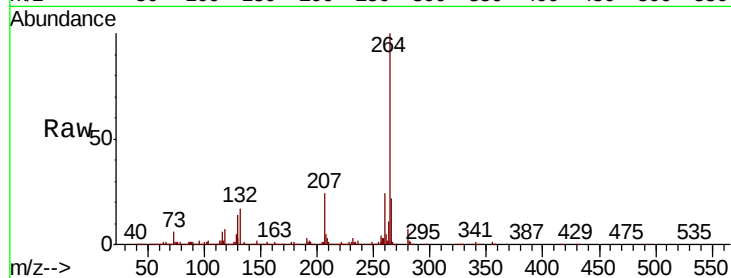


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.56 min Scan# 3480
Delta R.T. -0.01 min
Lab File: BM018824.D
Acq: 15 Feb 2019 19:31

Instrument :
BNA_M
ClientSampleId :
M-2-D

Tot Ion:264 Resp: 1232290

Ion	Ratio	Lower	Upper
264	100		
260	23.5	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

