

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
 Data File : BM018830.D
 Acq On : 15 Feb 2019 23:07
 Operator : JU/SJ
 Sample : K1500-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G-021419

Quant Time: Feb 16 01:42:48 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	326993	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1313525	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	732477	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1695442	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1639736	20.00	ng	-0.01
87) Perylene-d12	23.56	264	1382011	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2466028	123.57	ng	0.00
7) Phenol-d6	6.89	99	2996376	106.58	ng	0.00
23) Nitrobenzene-d5	8.87	82	2496874	87.89	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1410051	133.55	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4854970	87.99	ng	0.00
79) Terphenyl-d14	19.74	244	8162542	102.69	ng	0.00

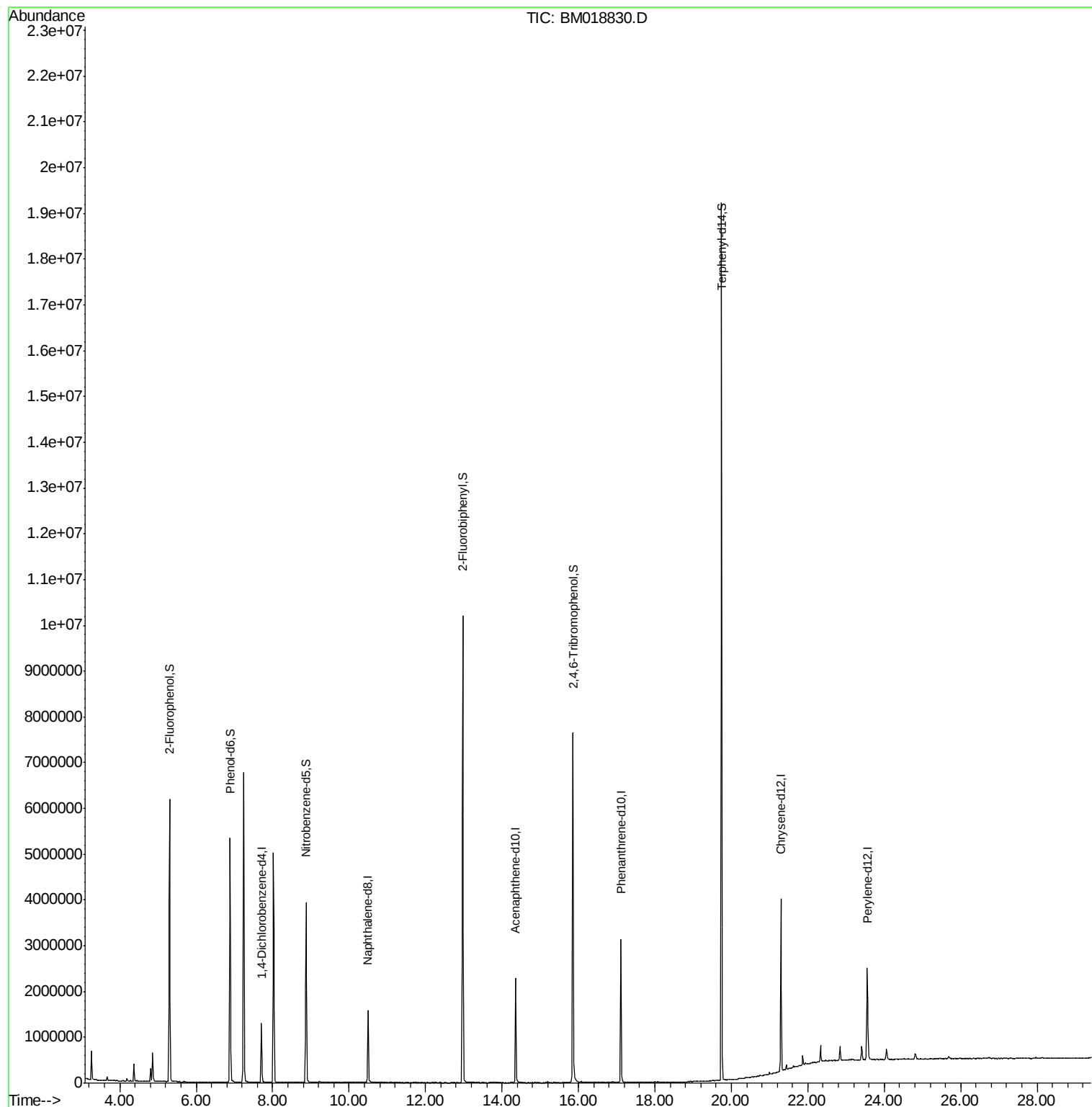
Target Compounds Qvalue

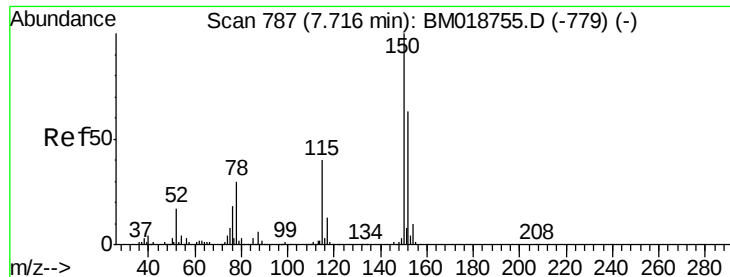
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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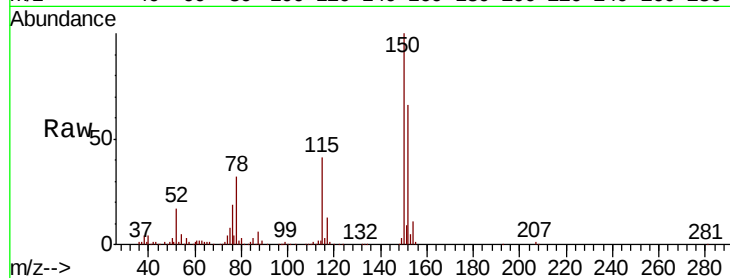


#1

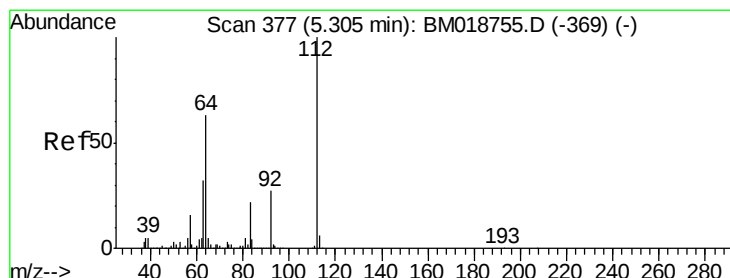
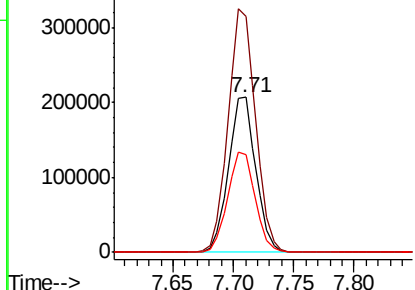
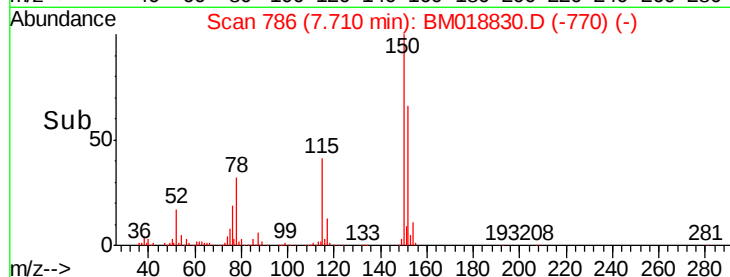
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018830.D
Acq: 15 Feb 2019 23:07

Instrument :
BNA_M
ClientSampleId :
G-021419

Tot Ion:152 Resp: 326993
Ion Ratio Lower Upper
152 100
150 152.2 127.3 190.9
115 62.6 50.8 76.2



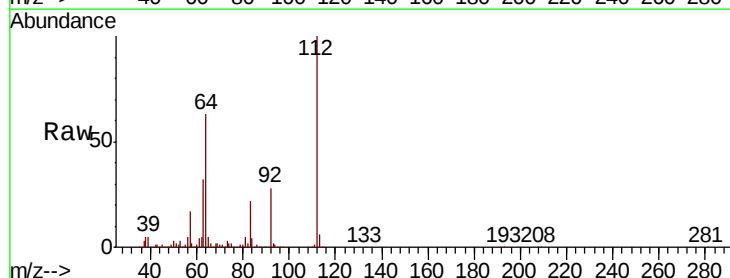
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



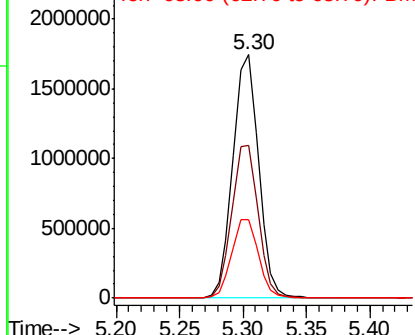
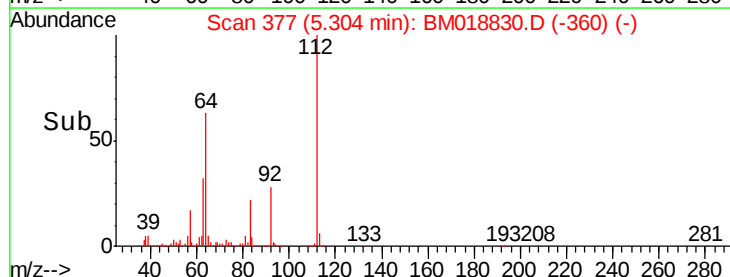
#5

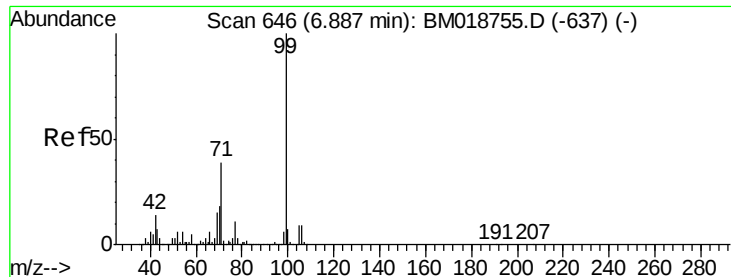
2-Fluorophenol
Concen: 123.566 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018830.D
Acq: 15 Feb 2019 23:07

Tgt Ion:112 Resp: 2466028
Ion Ratio Lower Upper
112 100
64 62.8 50.6 75.8
63 32.3 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: 106.577 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018830.D

Acq: 15 Feb 2019 23:07

Instrument :

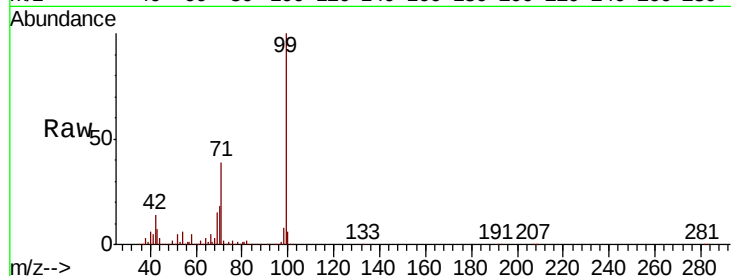
BNA_M

ClientSampled :

G-021419

Tot Ion: 99 Resp: 2996376

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.0	16.6
71	39.5	31.3	46.9

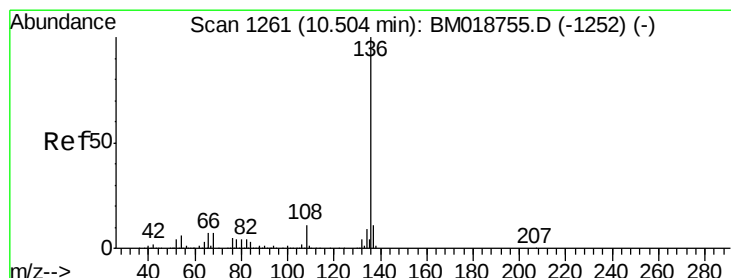
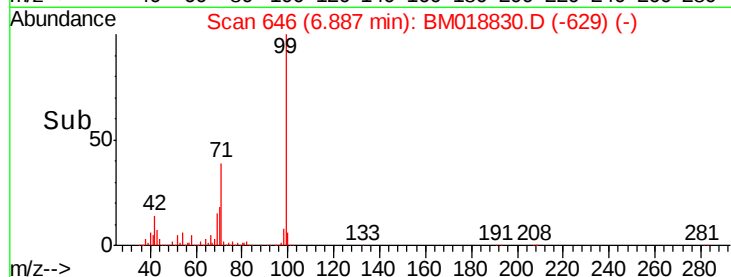
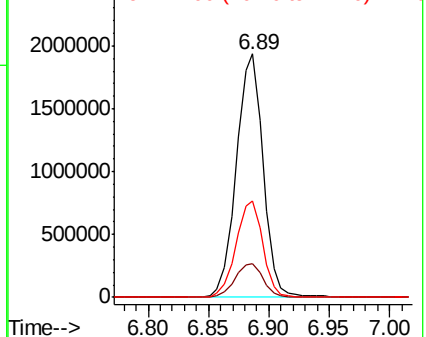


Abundance

Ion 99.00 (98.70 to 99.70): BM018830.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018830.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018830.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

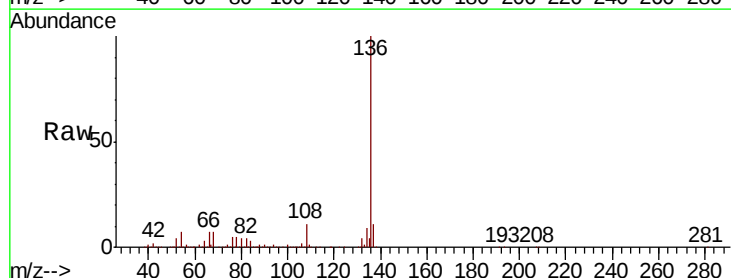
Delta R.T. -0.01 min

Lab File: BM018830.D

Acq: 15 Feb 2019 23:07

Tgt Ion: 136 Resp: 1313525

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.9	5.0	7.6
68	7.3	5.5	8.3



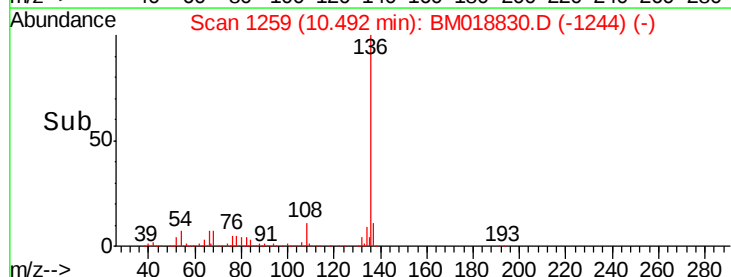
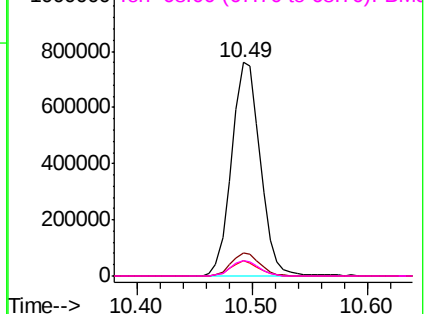
Abundance

Ion 136.00 (135.70 to 136.70): BM018830.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018830.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018830.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018830.D (-1244) (-)

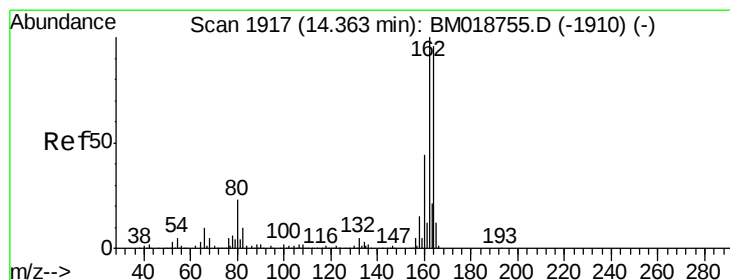
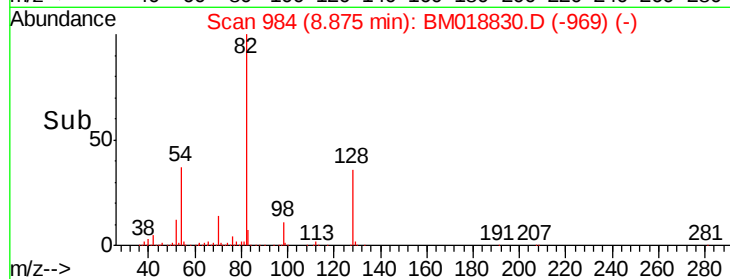
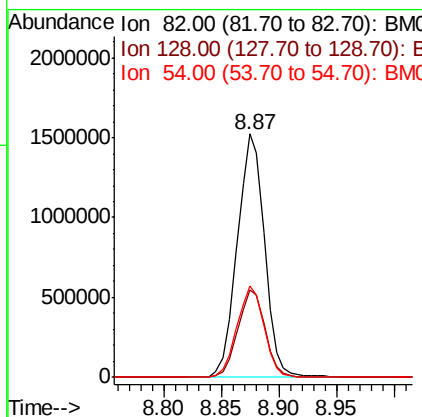
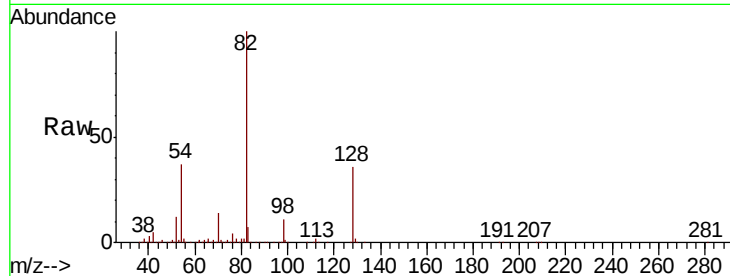




#23
Nitrobenzene-d5
Concen: 87.895 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM018830.D
Acq: 15 Feb 2019 23:07

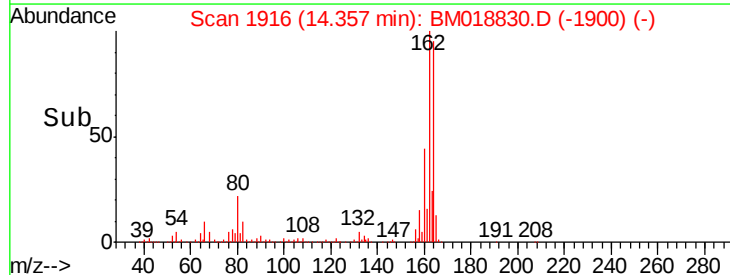
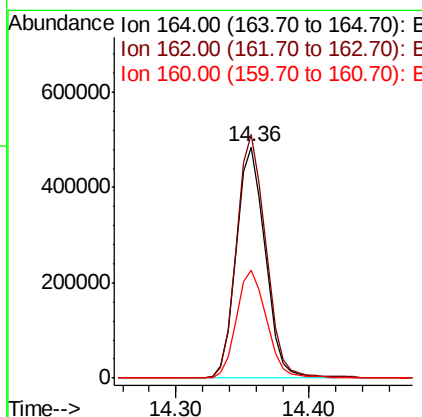
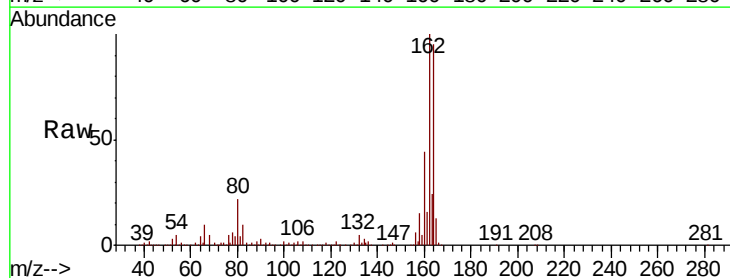
Instrument :
BNA_M
ClientSampleId :
G-021419

Tot Ion: 82 Resp: 2496874
Ion Ratio Lower Upper
82 100
128 36.0 29.9 44.9
54 37.3 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: BM018830.D
Acq: 15 Feb 2019 23:07

Tgt Ion:164 Resp: 732477
Ion Ratio Lower Upper
164 100
162 105.5 83.4 125.0
160 46.6 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 133.547 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018830.D

Acq: 15 Feb 2019 23:07

Instrument :

BNA_M

ClientSampleId :

G-021419

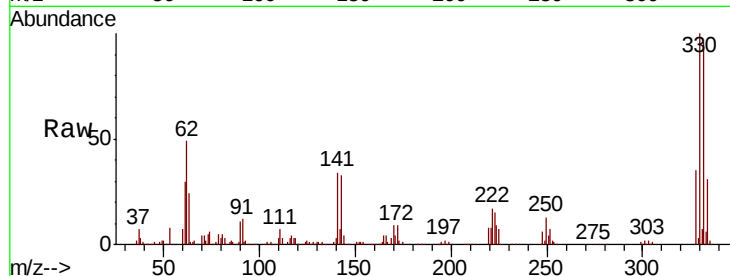
Tot Ion:330 Resp: 1410051

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

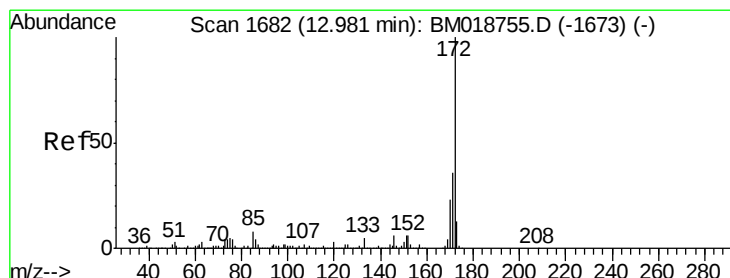
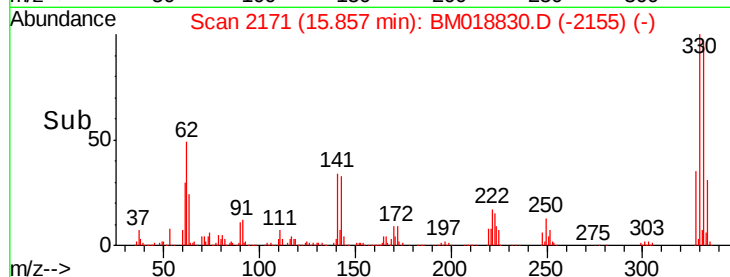
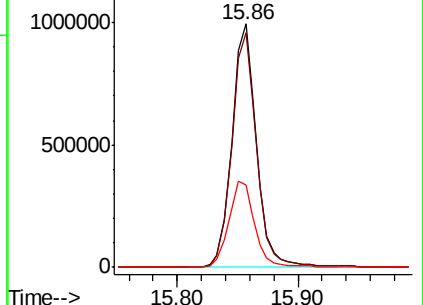
141 37.4 28.7 43.1



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: 87.987 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BM018830.D

Acq: 15 Feb 2019 23:07

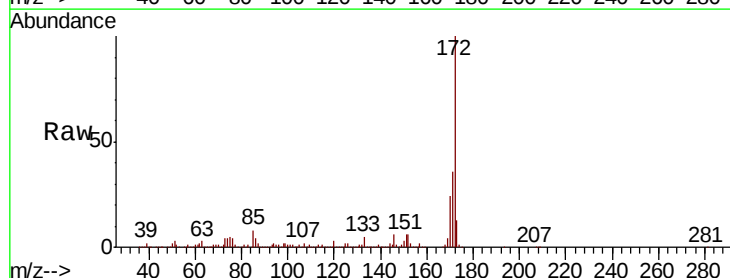
Tgt Ion:172 Resp: 4854970

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

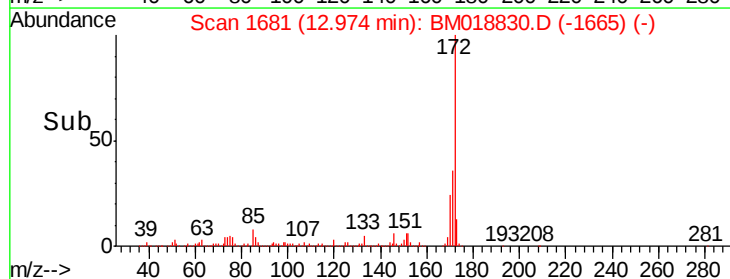
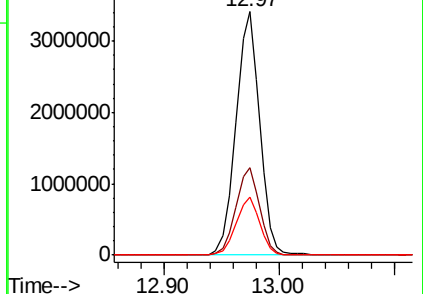
170 23.9 18.6 28.0

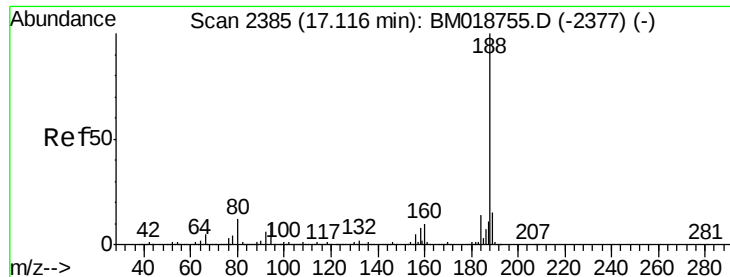


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

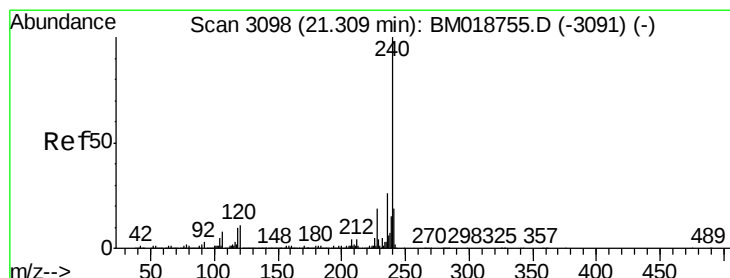
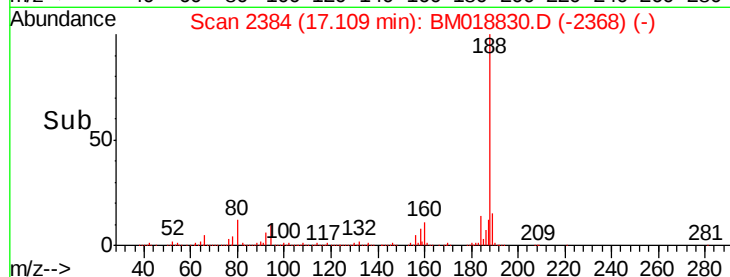
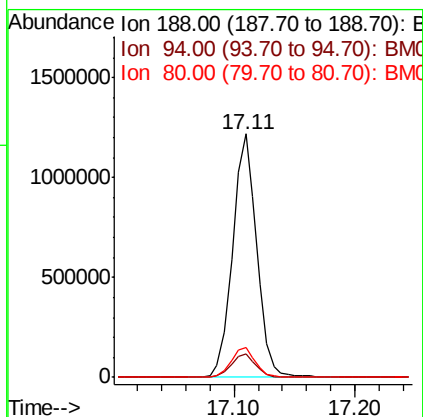
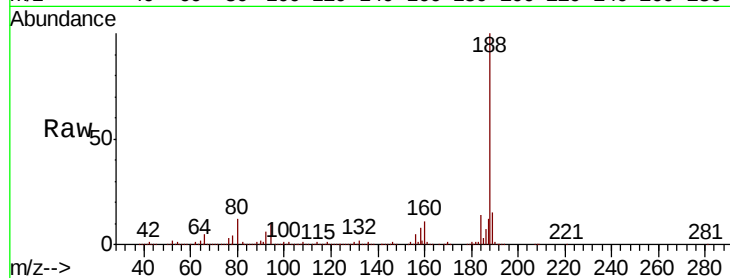




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018830.D
Acq: 15 Feb 2019 23:07

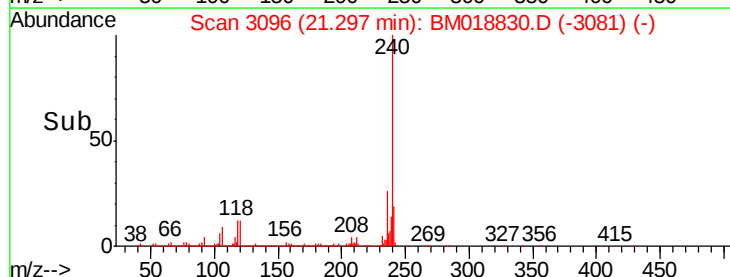
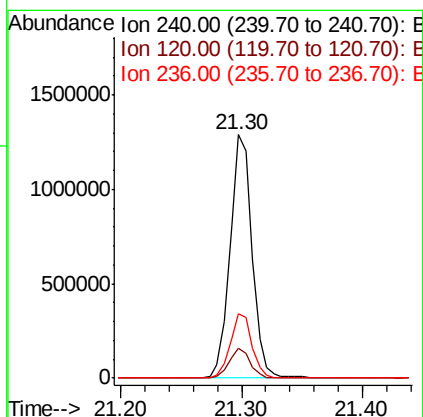
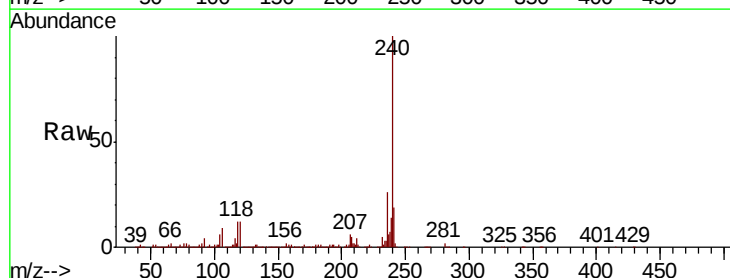
Instrument :
BNA_M
ClientSampleId :
G-021419

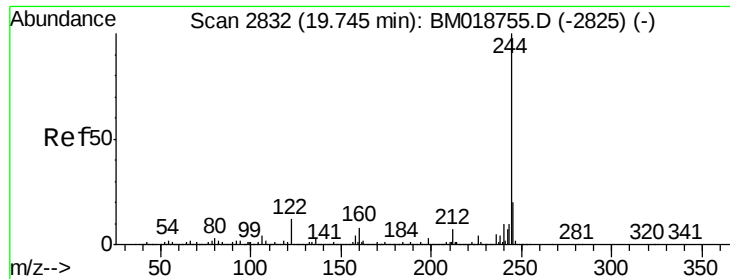
Tot Ion:188 Resp: 1695442
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 12.2 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018830.D
Acq: 15 Feb 2019 23:07

Tgt Ion:240 Resp: 1639736
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 102.690 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018830.D

Acq: 15 Feb 2019 23:07

Instrument :

BNA_M

ClientSampleId :

G-021419

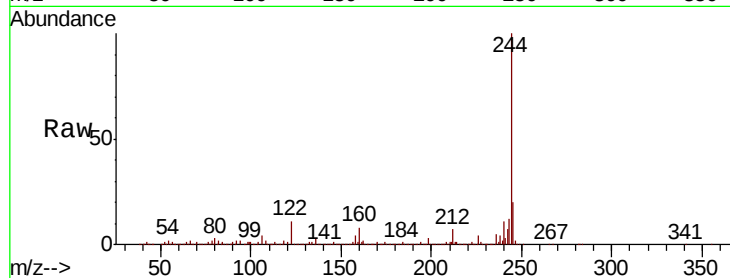
Tot Ion:244 Resp: 8162542

Ion Ratio Lower Upper

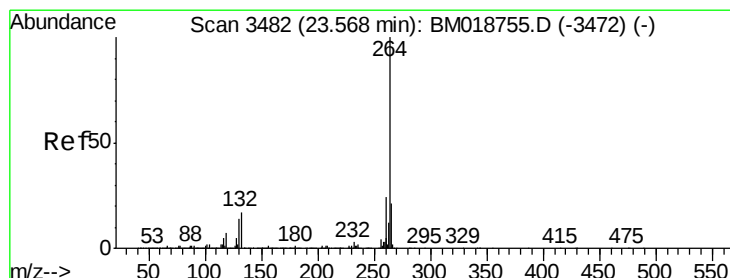
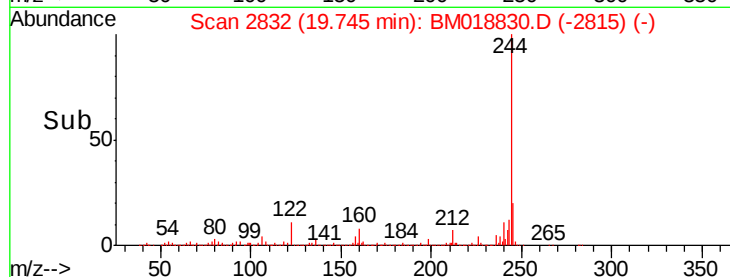
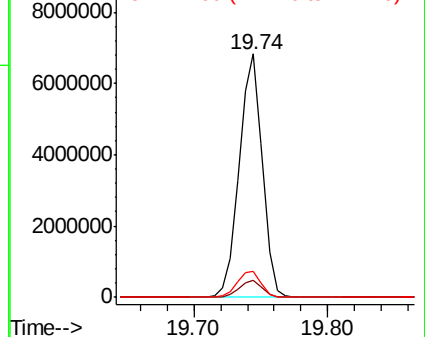
244 100

212 7.2 5.6 8.4

122 10.6 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: BM018830.D

Acq: 15 Feb 2019 23:07

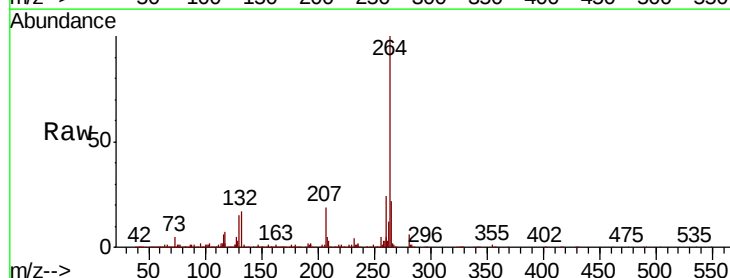
Tgt Ion:264 Resp: 1382011

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

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

