

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018775.D
 Acq On : 12 Feb 2019 16:36
 Operator : JU/SJ
 Sample : PB117043BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BL

Quant Time: Feb 13 02:44:08 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	7.72	152	334121	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1321222	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	748178	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1735045	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1578172	20.00	ng	0.00
87) Perylene-d12	23.57	264	1339251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1977321	96.96	ng	0.00
7) Phenol-d6	6.89	99	2667517	92.86	ng	0.00
23) Nitrobenzene-d5	8.88	82	1679867	58.79	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	949992	88.09	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	3397881	60.29	ng	0.00
79) Terphenyl-d14	19.75	244	5292952	69.19	ng	0.00

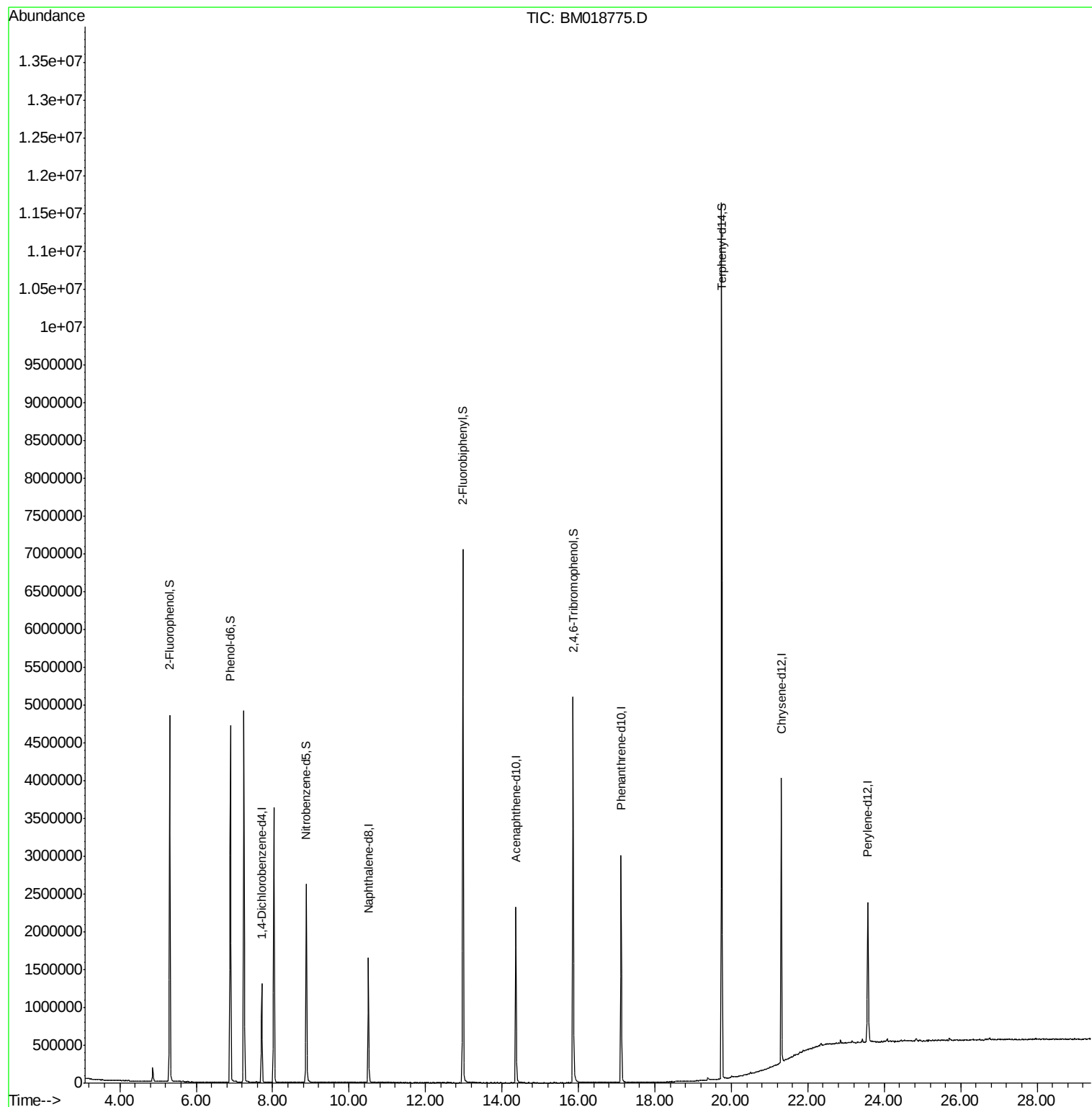
Target Compounds Qvalue

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

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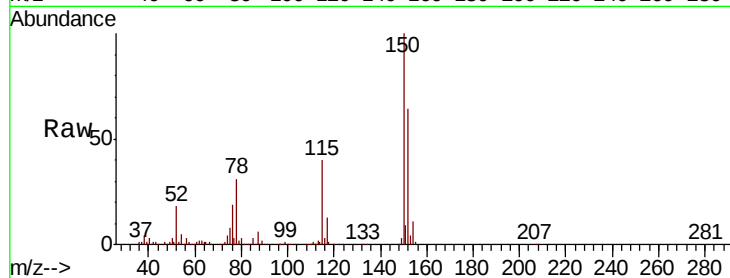


#1

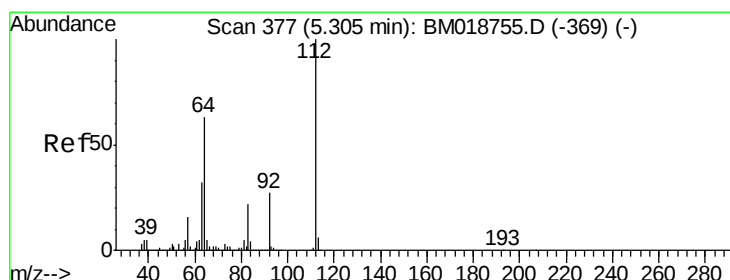
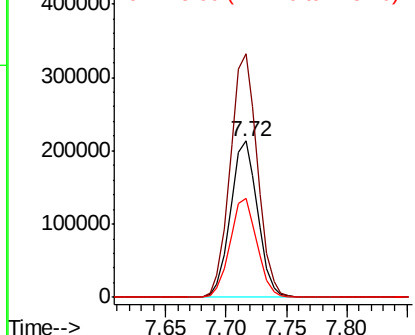
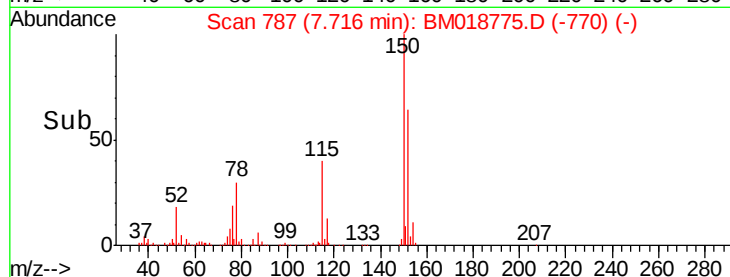
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018775.D
Acq: 12 Feb 2019 16:36

Instrument :
BNA_M
ClientSampled :
PB117043BL

Tot Ion:152 Resp: 334121
Ion Ratio Lower Upper
152 100
150 155.7 127.3 190.9
115 63.0 50.8 76.2



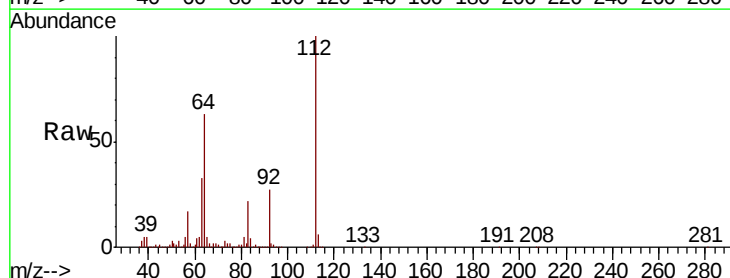
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



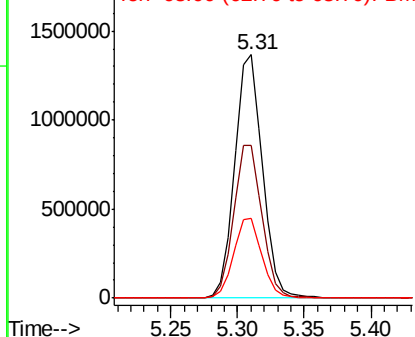
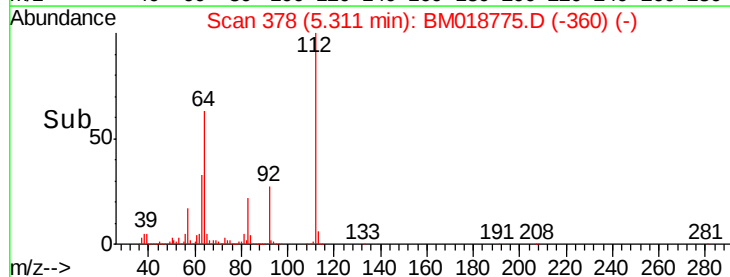
#5

2-Fluorophenol
Concen: 96.965 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM018775.D
Acq: 12 Feb 2019 16:36

Tgt Ion:112 Resp: 1977321
Ion Ratio Lower Upper
112 100
64 63.0 50.6 75.8
63 32.9 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: 92.856 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018775.D

Acq: 12 Feb 2019 16:36

Instrument :

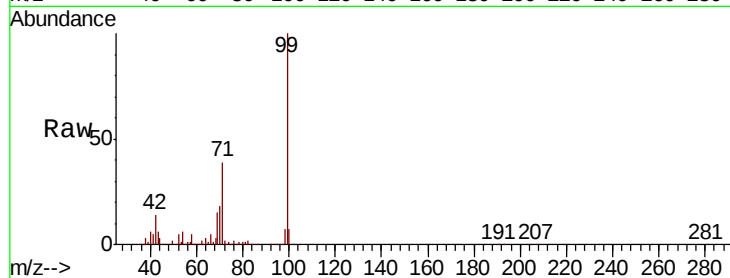
BNA_M

ClientSampleId :

PB117043BL

Tot Ion: 99 Resp: 2667517

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.0	16.6
71	39.1	31.3	46.9

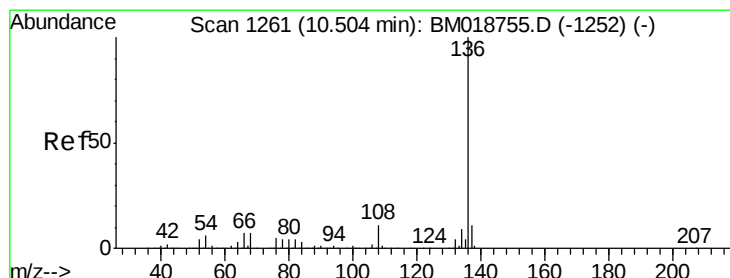
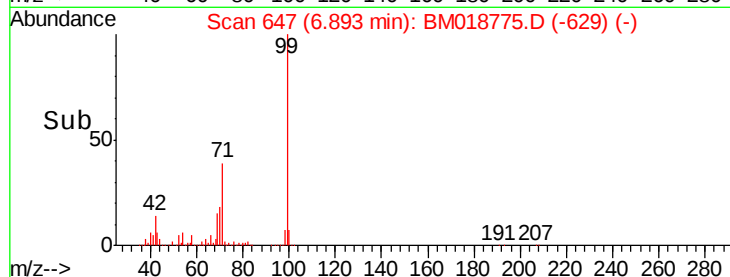
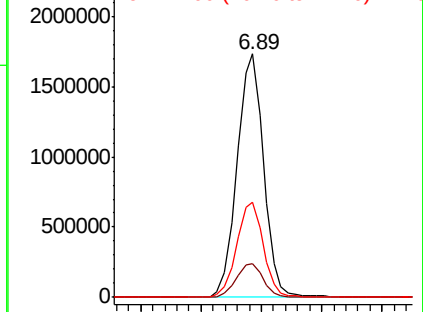


Abundance

Ion 99.00 (98.70 to 99.70): BM018775.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018775.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018775.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

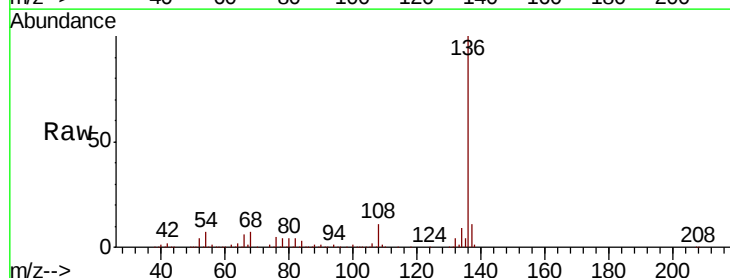
Delta R.T. 0.00 min

Lab File: BM018775.D

Acq: 12 Feb 2019 16:36

Tgt Ion: 136 Resp: 1321222

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.7	5.0	7.6
68	7.0	5.5	8.3



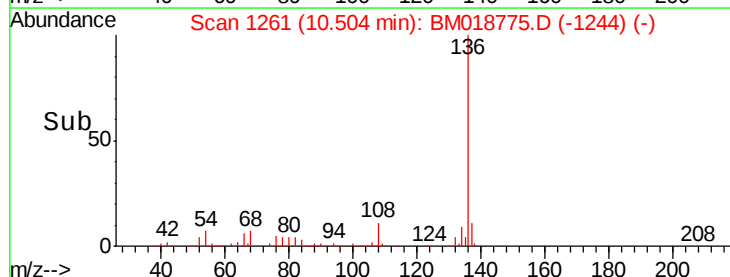
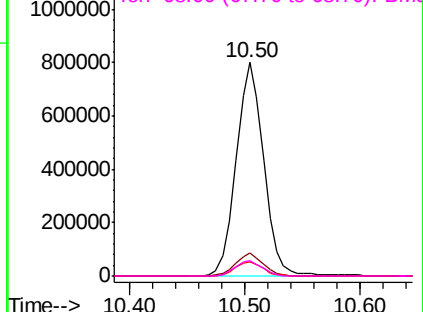
Abundance

Ion 136.00 (135.70 to 136.70): BM018775.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018775.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018775.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018775.D (-1252) (-)



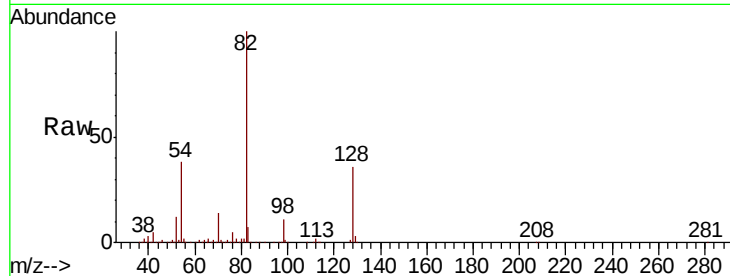


#23
 Nitrobenzene-d5
 Concen: 58.790 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018775.D
 Acq: 12 Feb 2019 16:36

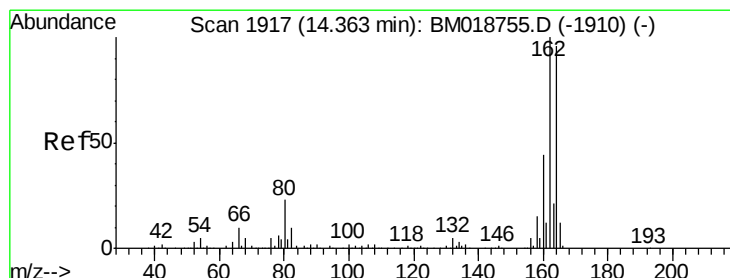
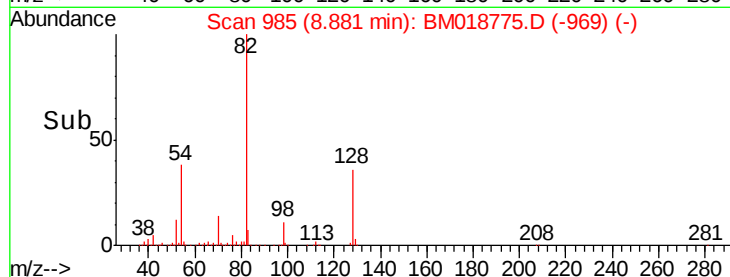
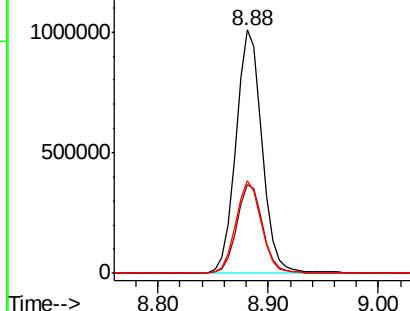
Instrument :
 BNA_M
 ClientSampleId :
 PB117043BL

Tot Ion: 82 Resp: 1679867

Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.9	44.9
54	37.8	29.1	43.7



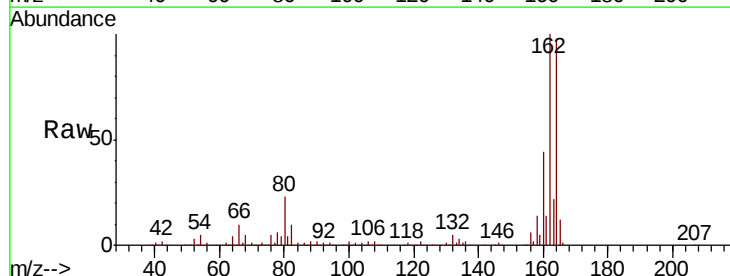
Abundance Ion 82.00 (81.70 to 82.70): BM018775.D (-976) (-)
 Ion 128.00 (127.70 to 128.70): BM018775.D (-976) (-)
 Ion 54.00 (53.70 to 54.70): BM018775.D (-976) (-)



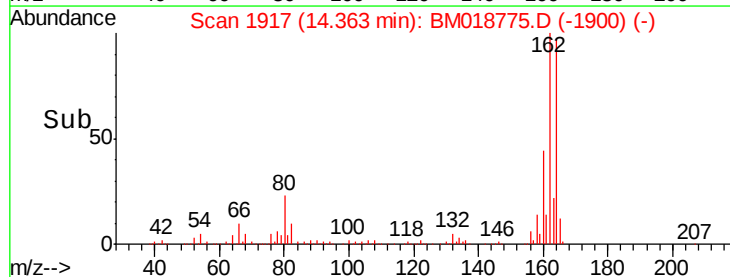
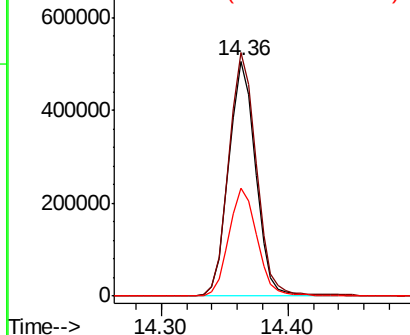
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.36 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: BM018775.D
 Acq: 12 Feb 2019 16:36

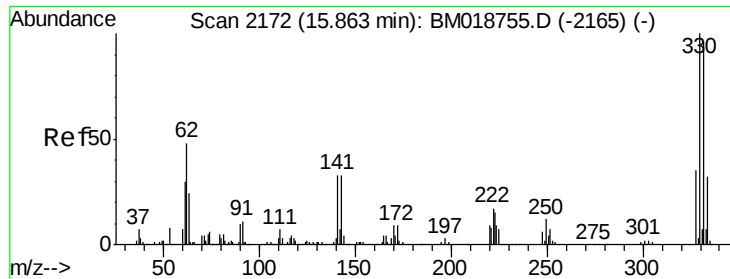
Tgt Ion:164 Resp: 748178

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.4	125.0
160	45.8	36.6	55.0



Abundance Ion 164.00 (163.70 to 164.70): BM018775.D (-1910) (-)
 Ion 162.00 (161.70 to 162.70): BM018775.D (-1910) (-)
 Ion 160.00 (159.70 to 160.70): BM018775.D (-1910) (-)

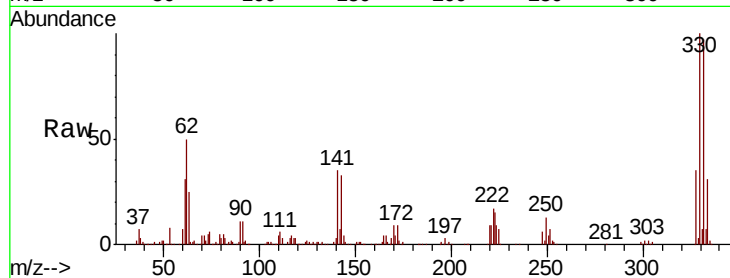




#42
 2,4,6-Tribromophenol
 Concen: 88.086 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BM018775.D
 Acq: 12 Feb 2019 16:36

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.9	115.3
141	37.4	28.7	43.1

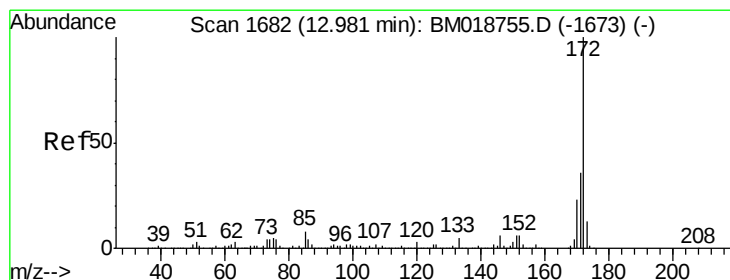
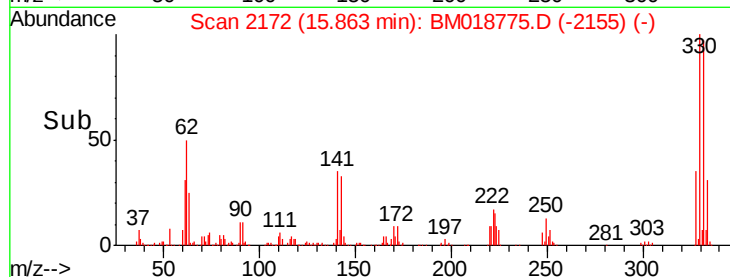
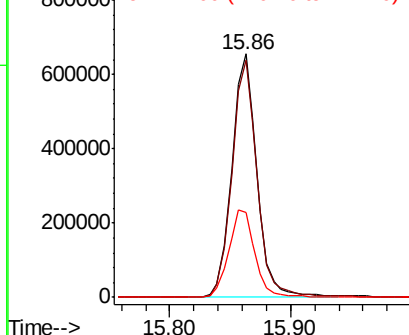


Abundance

Ion 329.80 (329.50 to 330.50): E

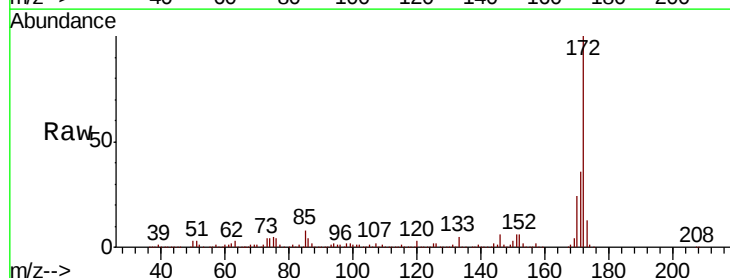
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 60.288 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BM018775.D
 Acq: 12 Feb 2019 16:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	23.8	18.6	28.0

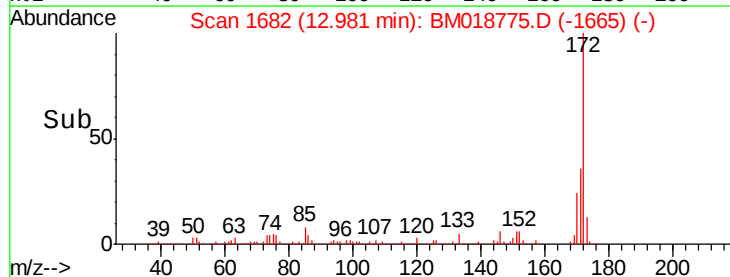
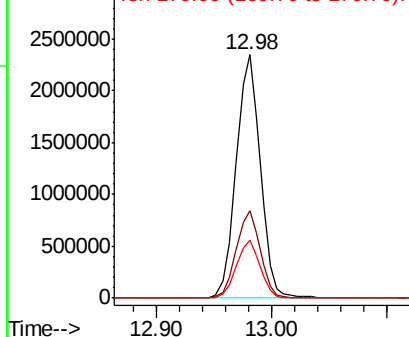


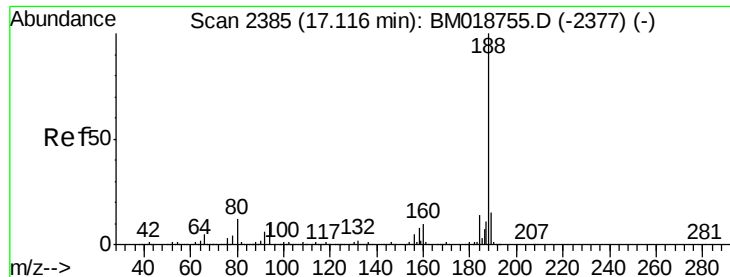
Abundance

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

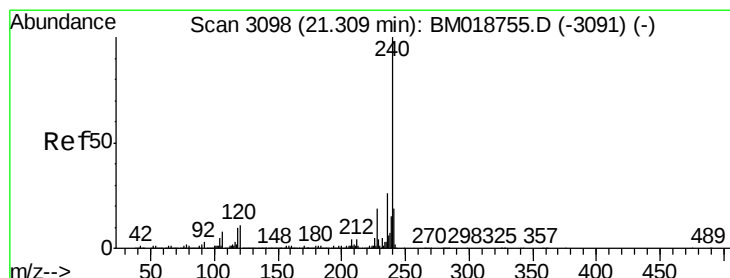
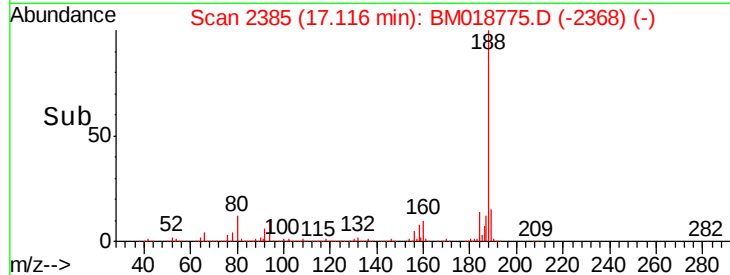
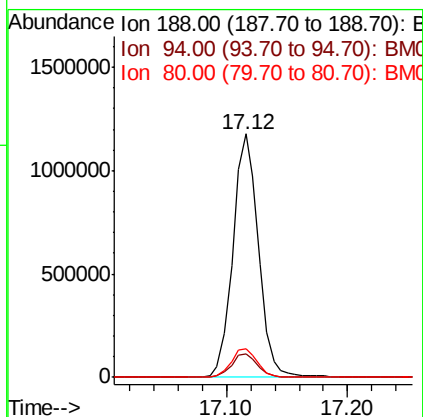
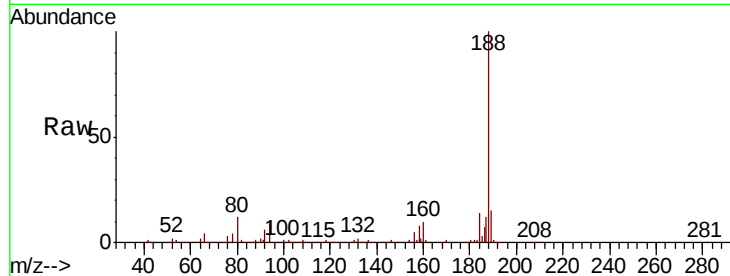




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM018775.D
Acq: 12 Feb 2019 16:36

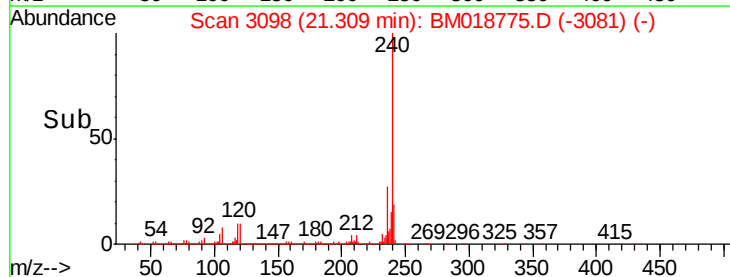
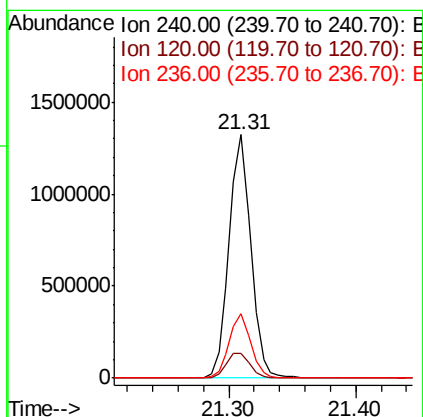
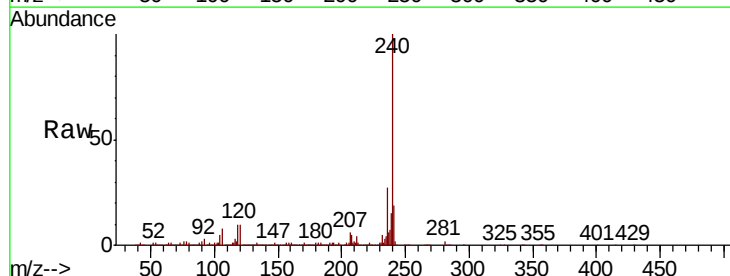
Instrument :
BNA_M
ClientSampleId :
PB117043BL

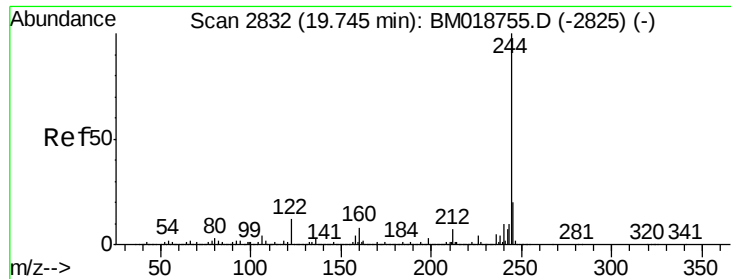
Tot Ion:188 Resp: 1735045
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 11.9 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM018775.D
Acq: 12 Feb 2019 16:36

Tgt Ion:240 Resp: 1578172
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.6 20.9 31.3





#79

Terphenyl-d14

Concen: 69.186 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018775.D

Acq: 12 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB117043BL

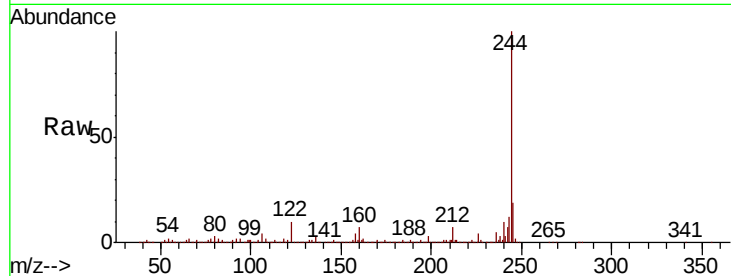
Tot Ion:244 Resp: 5292952

Ion Ratio Lower Upper

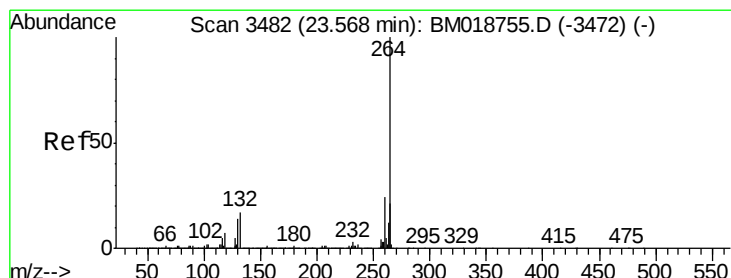
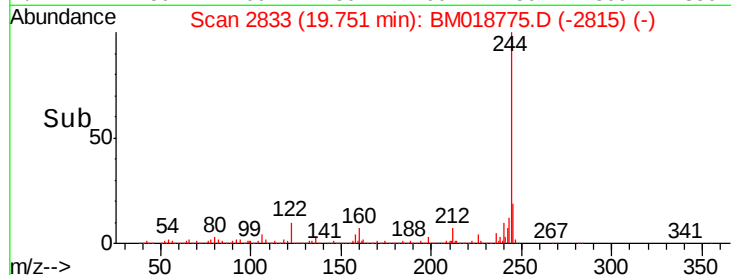
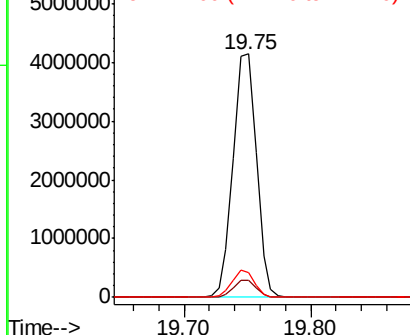
244 100

212 7.1 5.6 8.4

122 10.3 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: 23.57 min Scan# 3482

Delta R.T. 0.00 min

Lab File: BM018775.D

Acq: 12 Feb 2019 16:36

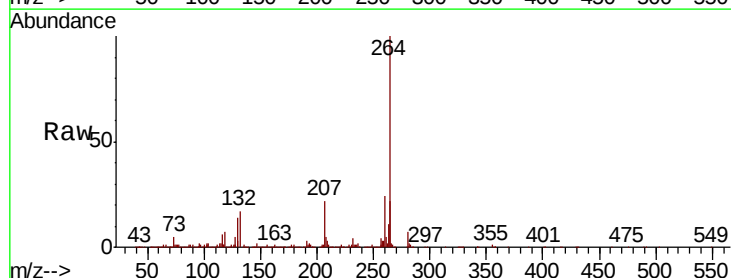
Tgt Ion:264 Resp: 1339251

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.9 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

