

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018774.D
 Acq On : 12 Feb 2019 15:59
 Operator : JU/SJ
 Sample : PB117038BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BL

Quant Time: Feb 13 02:42:52 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	326824	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1253299	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	708674	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1650128	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1377735	20.00	ng	0.00
87) Perylene-d12	23.57	264	1075548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1734172	86.94	ng	0.00
7) Phenol-d6	6.89	99	2310365	82.22	ng	0.00
23) Nitrobenzene-d5	8.88	82	2249452	82.99	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	799498	78.26	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4477394	83.87	ng	0.00
79) Terphenyl-d14	19.75	244	5816755	87.09	ng	0.00

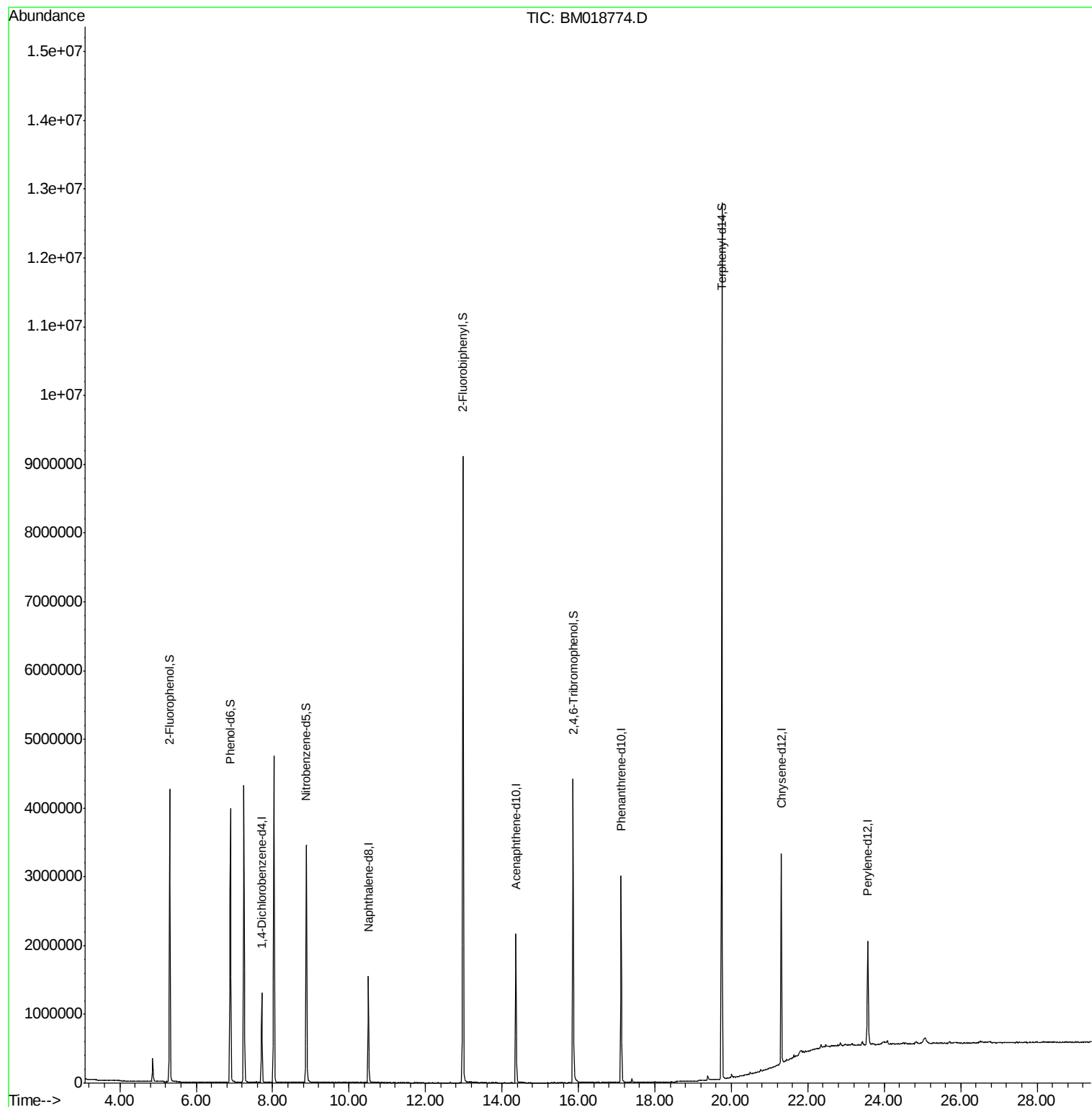
Target Compounds Qvalue

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

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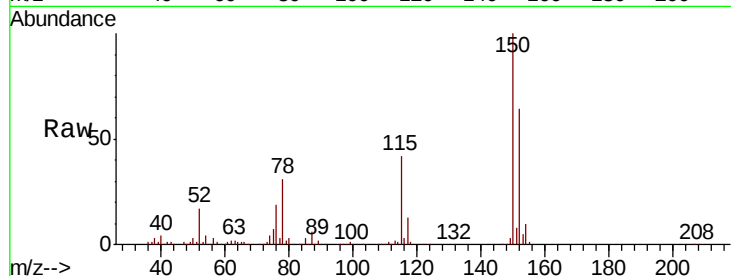


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018774.D
Acq: 12 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB117038BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.3	190.9
115	64.9	50.8	76.2

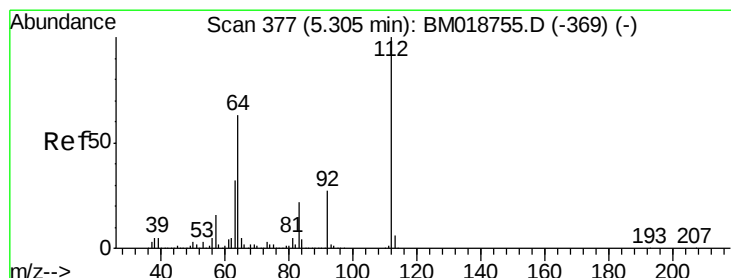
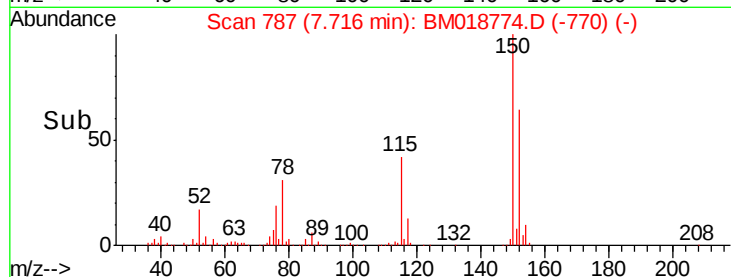
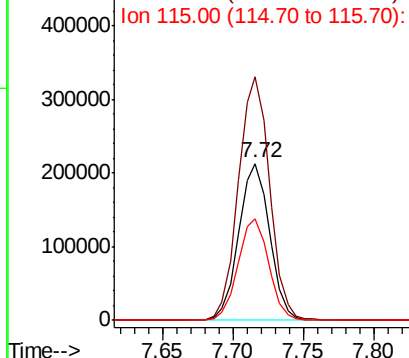


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

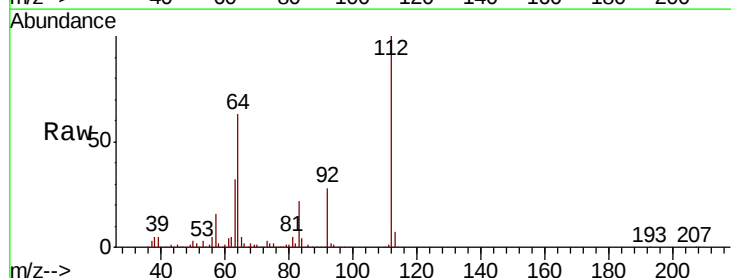
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.940 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM018774.D
Acq: 12 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	50.6	75.8
63	31.9	25.7	38.5

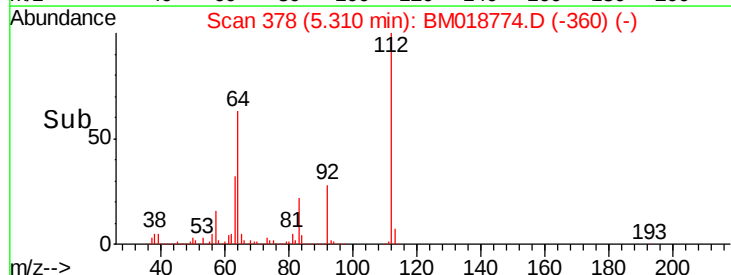
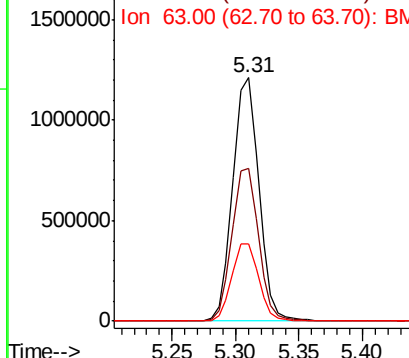


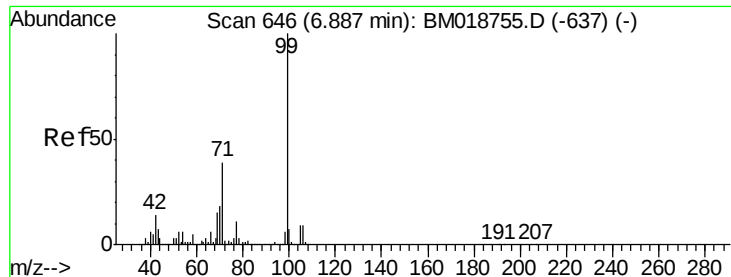
Abundance

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: 82.219 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018774.D

Acq: 12 Feb 2019 15:59

Instrument :

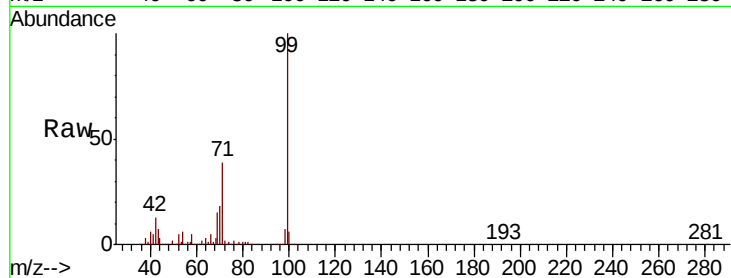
BNA_M

ClientSampleId :

PB117038BL

Tot Ion: 99 Resp: 2310365

Ion	Ratio	Lower	Upper
99	100		
42	13.5	11.0	16.6
71	38.7	31.3	46.9

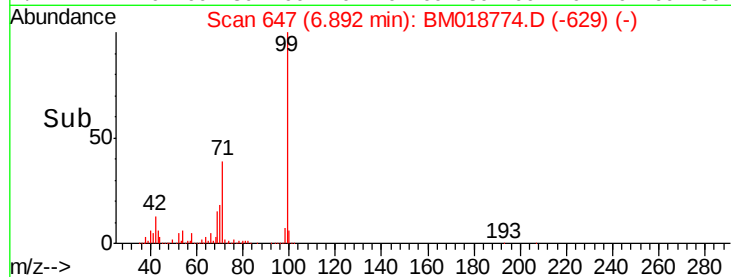


Abundance

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) (-)

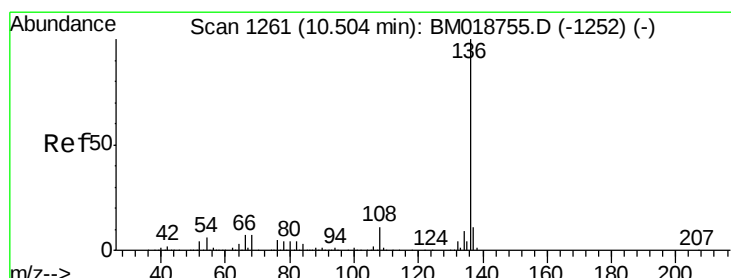


Abundance

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# 1261

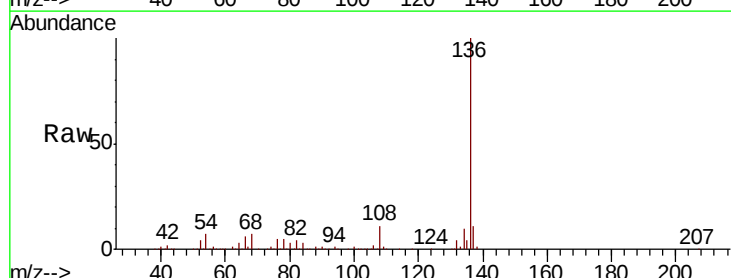
Delta R.T. -0.00 min

Lab File: BM018774.D

Acq: 12 Feb 2019 15:59

Tgt Ion: 136 Resp: 1253299

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.6	5.0	7.6
68	7.2	5.5	8.3



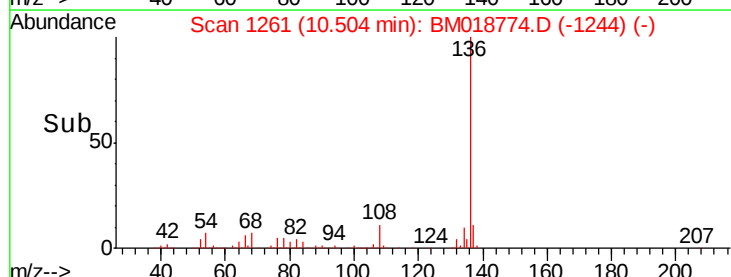
Abundance

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) (-)



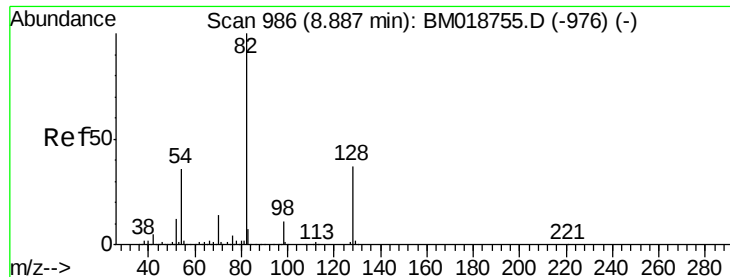
Abundance

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: 82.990 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018774.D

Acq: 12 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB117038BL

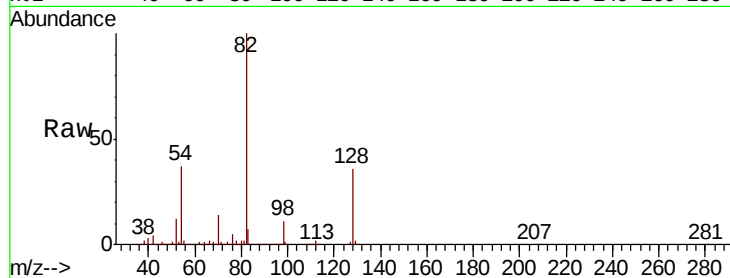
Tot Ion: 82 Resp: 2249452

Ion Ratio Lower Upper

82 100

128 36.3 29.9 44.9

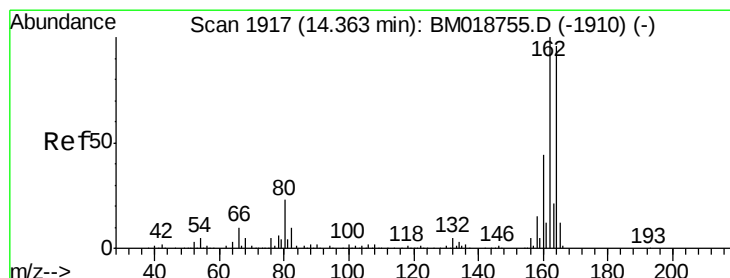
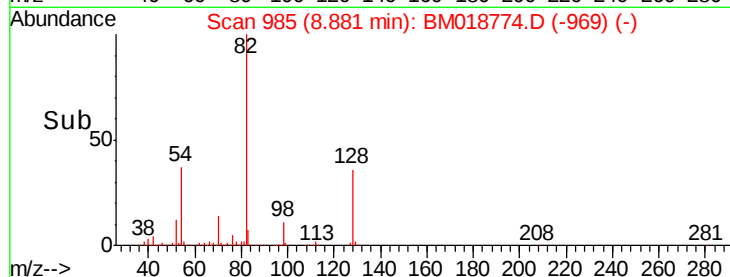
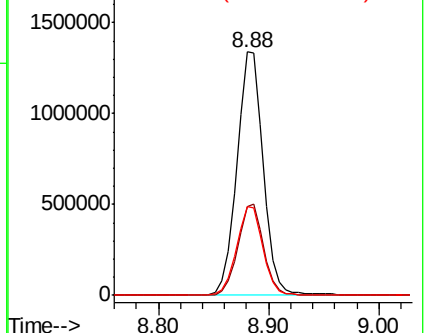
54 36.5 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018774.D

Acq: 12 Feb 2019 15:59

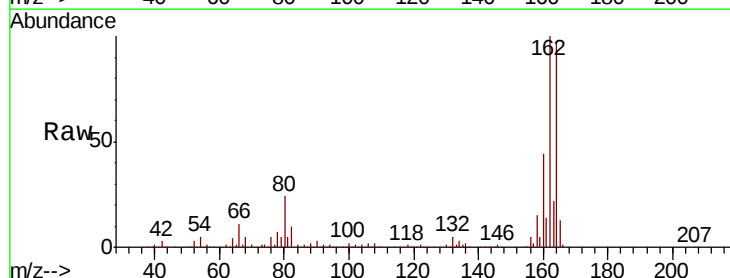
Tgt Ion:164 Resp: 708674

Ion Ratio Lower Upper

164 100

162 103.1 83.4 125.0

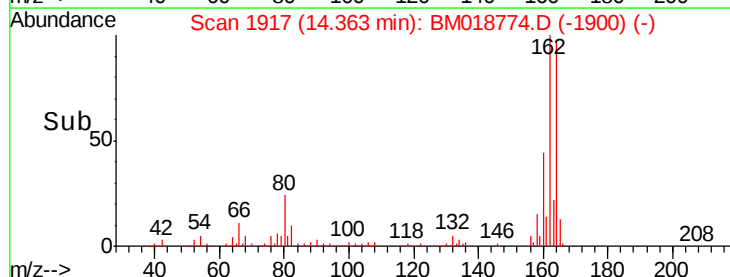
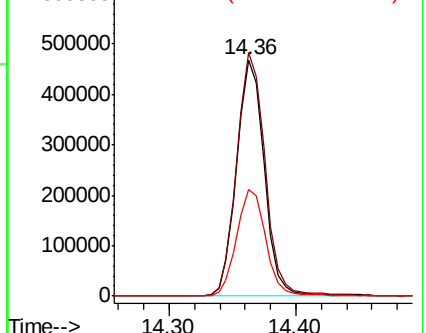
160 45.2 36.6 55.0

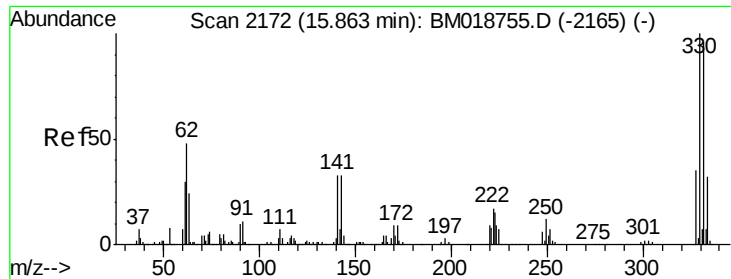


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

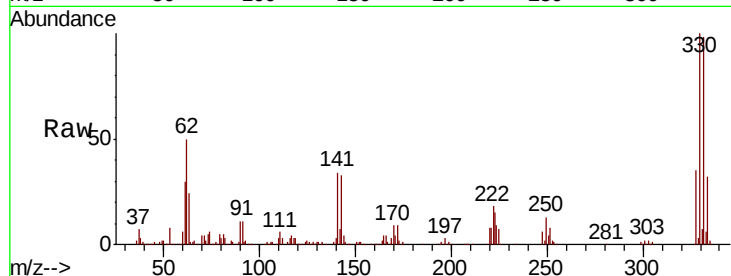




#42
 2,4,6-Tribromophenol
 Concen: 78.264 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BM018774.D
 Acq: 12 Feb 2019 15:59

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	37.2	28.7	43.1

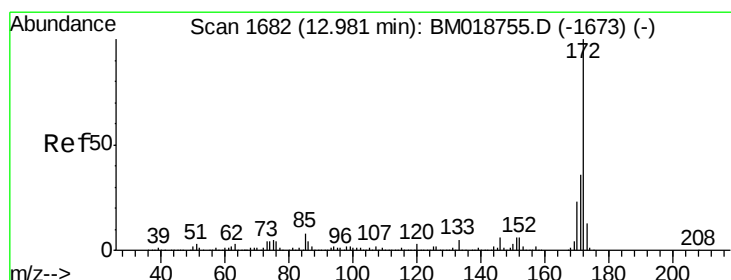
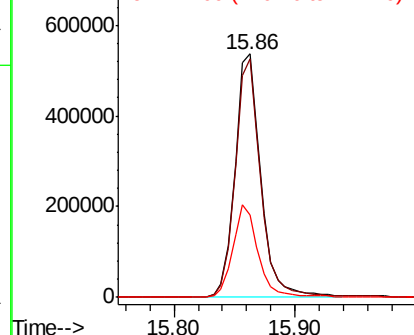
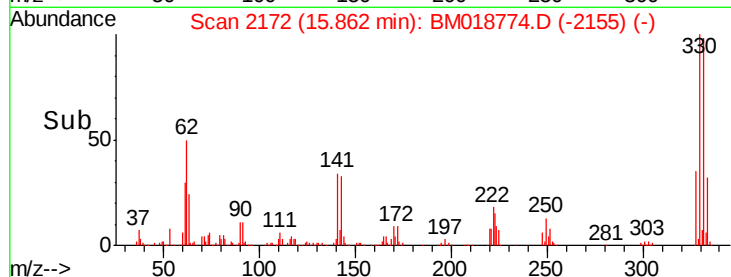


Abundance

Ion 329.80 (329.50 to 330.50): E

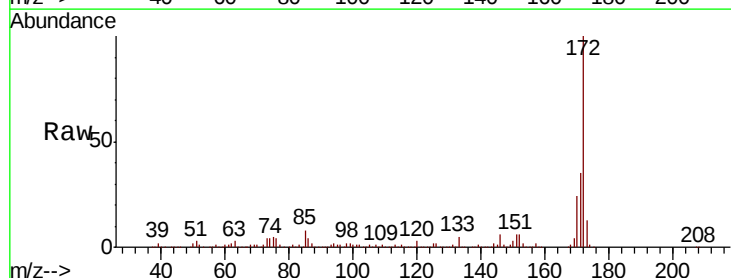
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.870 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM018774.D
 Acq: 12 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	23.5	18.6	28.0

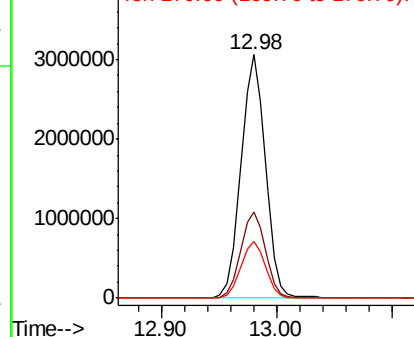
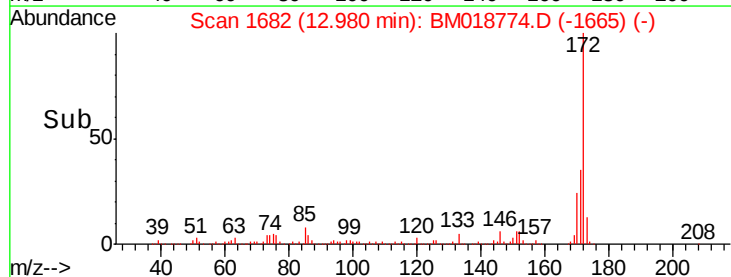


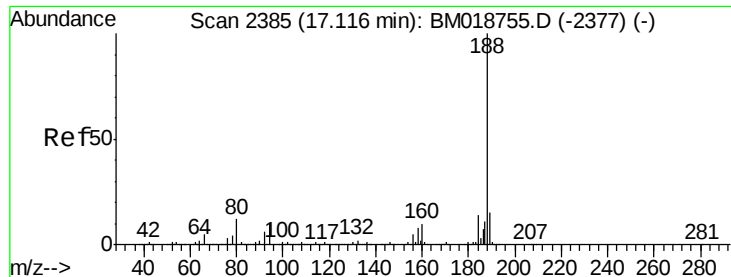
Abundance

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

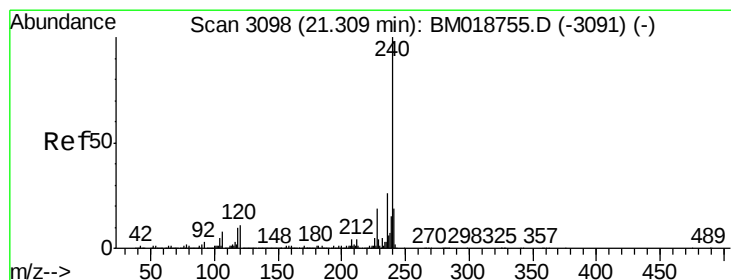
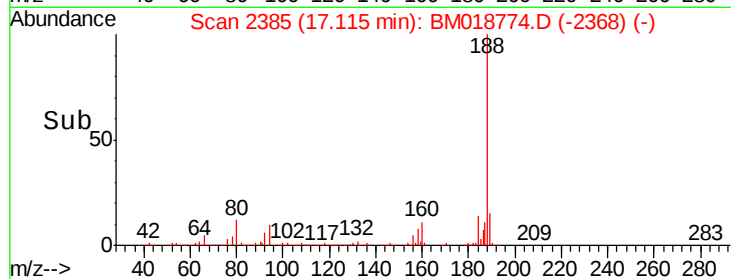
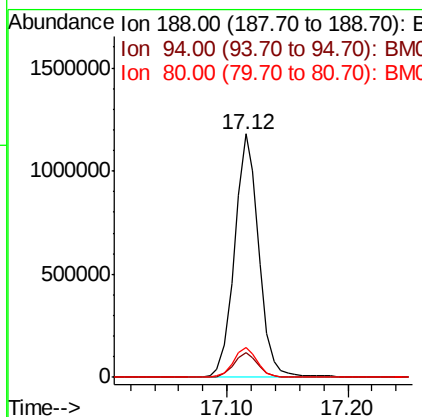
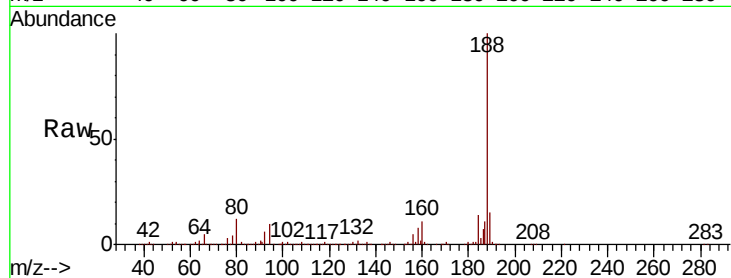




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018774.D
Acq: 12 Feb 2019 15:59

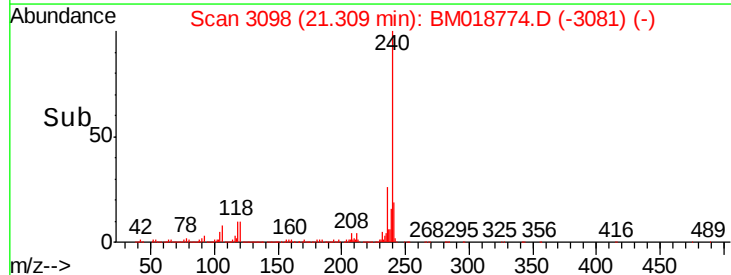
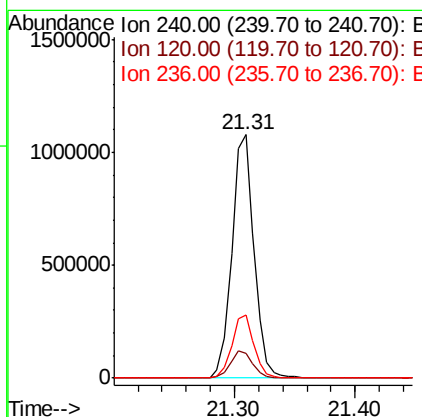
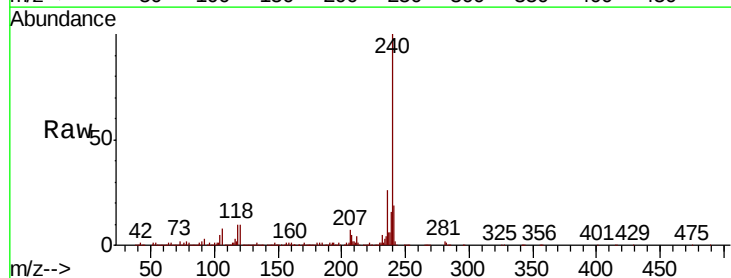
Instrument :
BNA_M
ClientSampleId :
PB117038BL

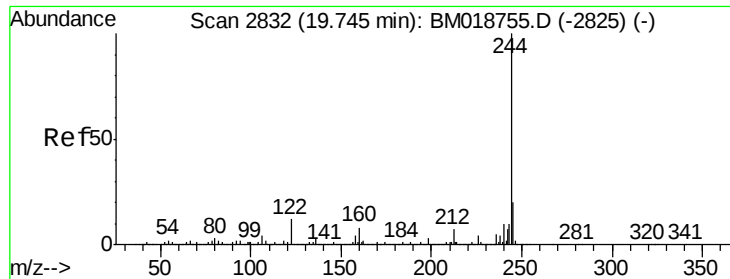
Tot Ion:188 Resp: 1650128
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 12.3 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM018774.D
Acq: 12 Feb 2019 15:59

Tgt Ion:240 Resp: 1377735
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 87.095 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018774.D

Acq: 12 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB117038BL

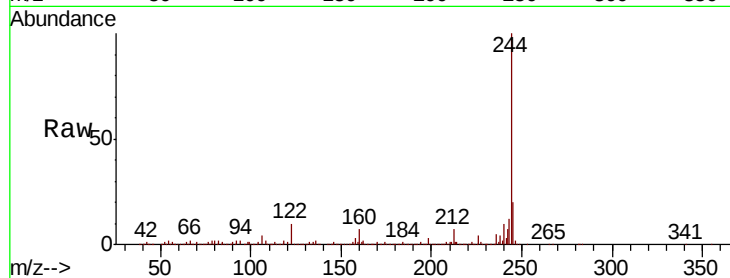
Tot Ion:244 Resp: 5816755

Ion Ratio Lower Upper

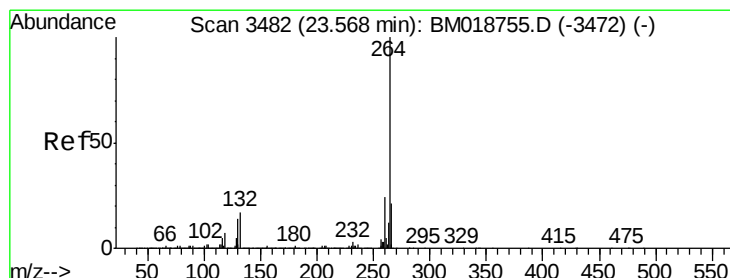
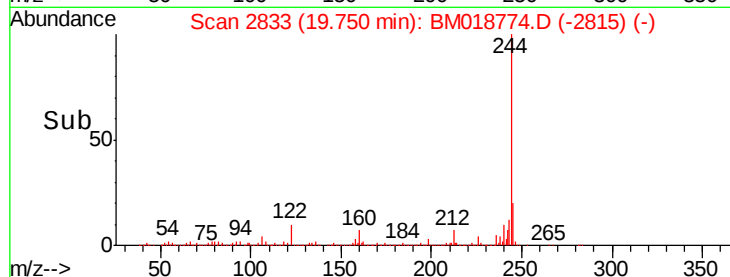
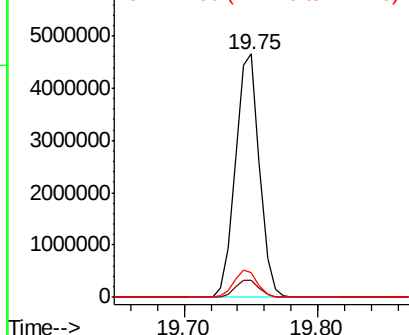
244 100

212 7.0 5.6 8.4

122 10.1 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: BM018774.D

Acq: 12 Feb 2019 15:59

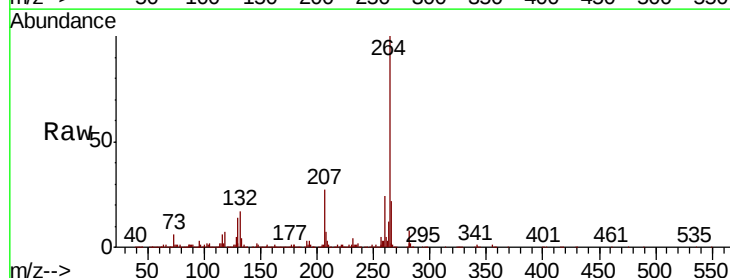
Tgt Ion:264 Resp: 1075548

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.0 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

