

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
 Data File : BM017404.D
 Acq On : 29 Oct 2018 12:35
 Operator : MJ/SJ
 Sample : PB114216BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BL

Quant Time: Oct 29 15:30:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	275523	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	1151228	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	697700	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1692472	20.00	ng	0.00
76) Chrysene-d12	21.24	240	1850103	20.00	ng	0.00
87) Perylene-d12	23.45	264	1569789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1759125	107.99	ng	0.00
7) Phenol-d6	6.83	99	2363235	106.52	ng	0.00
23) Nitrobenzene-d5	8.80	82	1406336	71.45	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	1018602	107.96	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	3553221	67.76	ng	0.00
79) Terphenyl-d14	19.69	244	5951236	72.50	ng	0.00

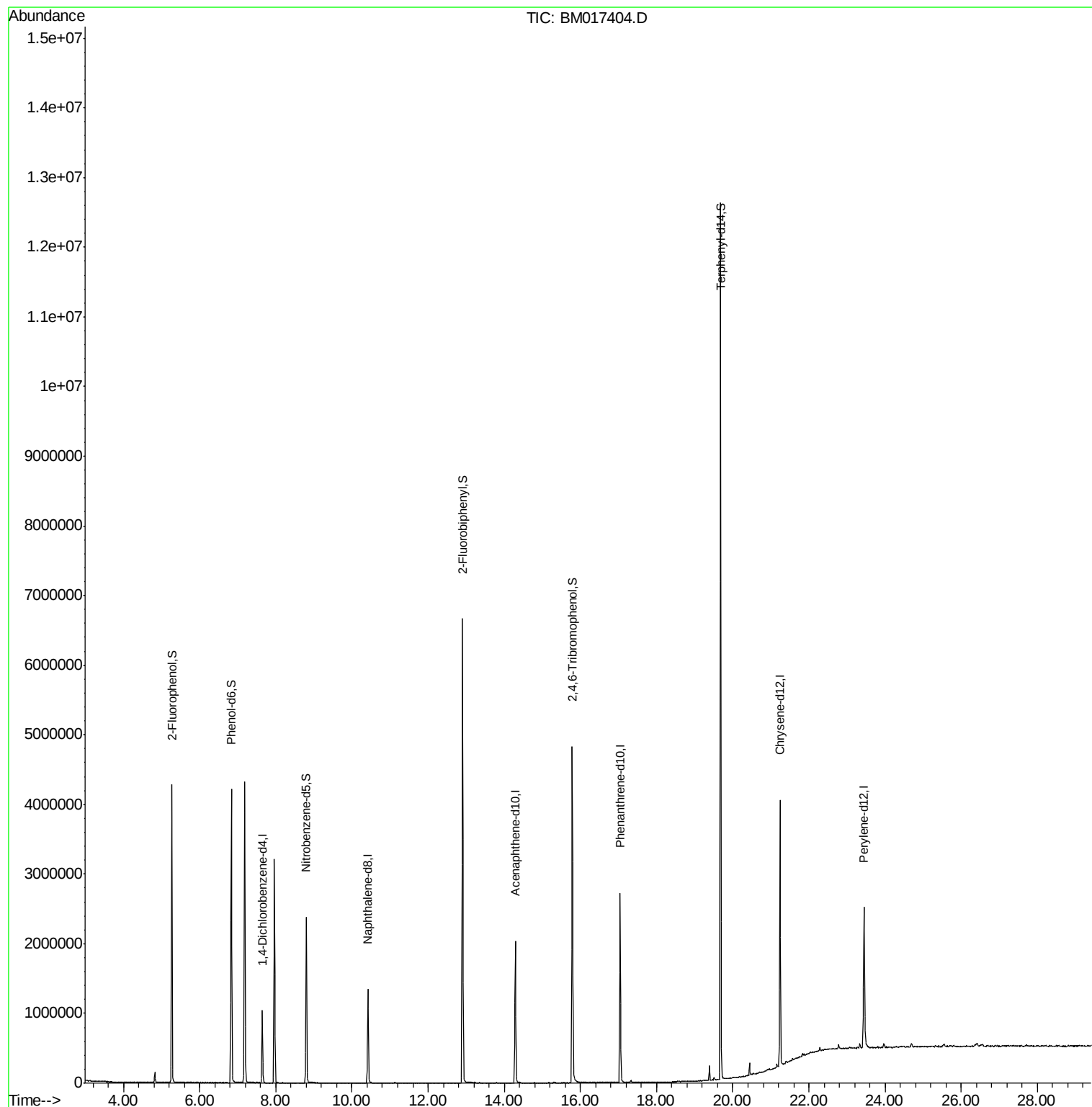
Target Compounds Qvalue

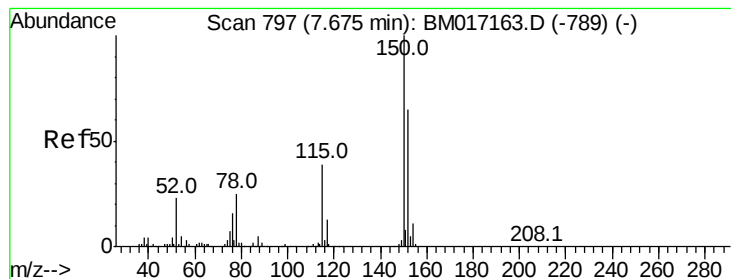
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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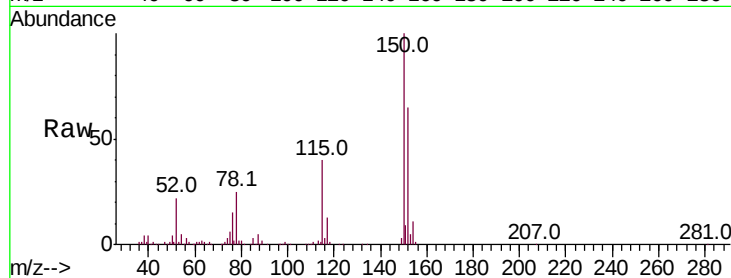


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.00 min
Lab File: BM017404.D
Acq: 29 Oct 2018 12:35

Instrument :
BNA_M
ClientSampleId :
PB114216BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.3	186.5
115	61.3	48.1	72.1

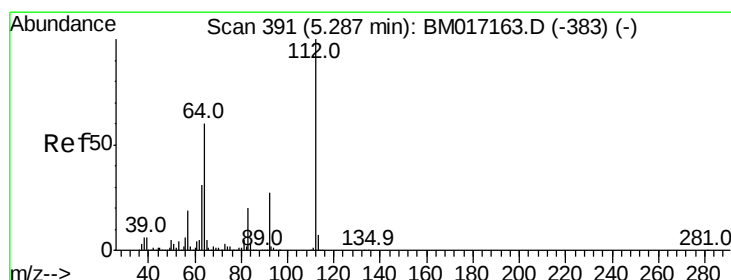
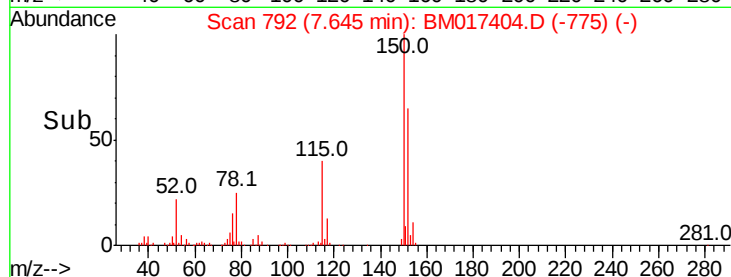
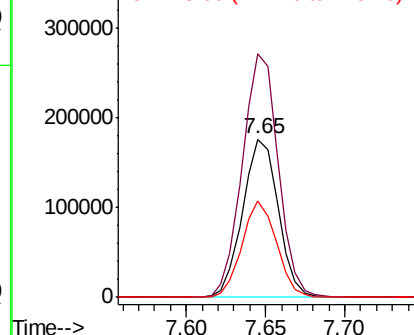


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

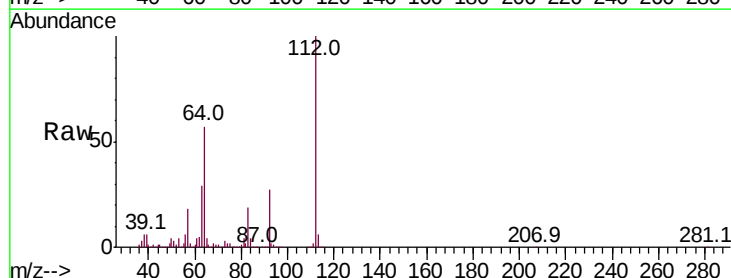
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.986 ng
RT: 5.27 min Scan# 388
Delta R.T. 0.01 min
Lab File: BM017404.D
Acq: 29 Oct 2018 12:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	41.7	62.5
63	29.4	23.0	34.4

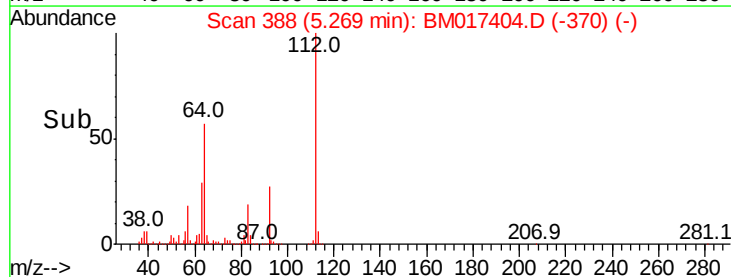
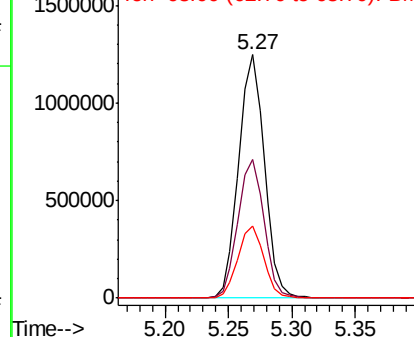


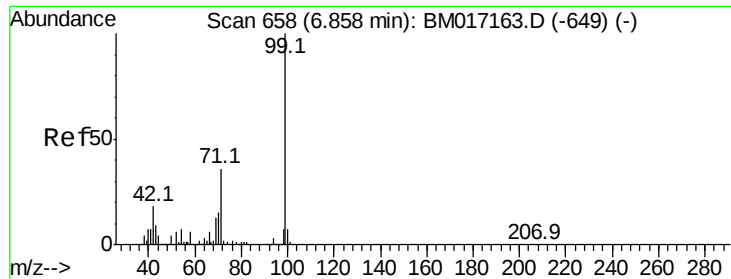
Abundance

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: 106.517 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM017404.D

Acq: 29 Oct 2018 12:35

Instrument :

BNA_M

ClientSampleId :

PB114216BL

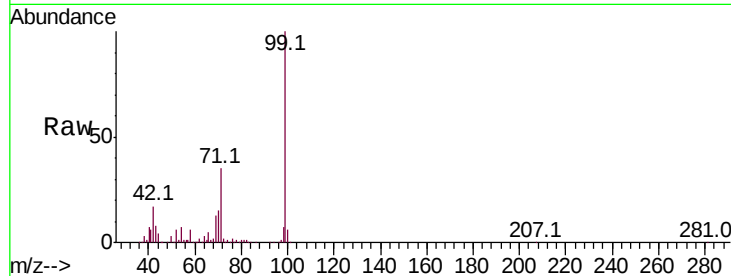
Tot Ion: 99 Resp: 2363235

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

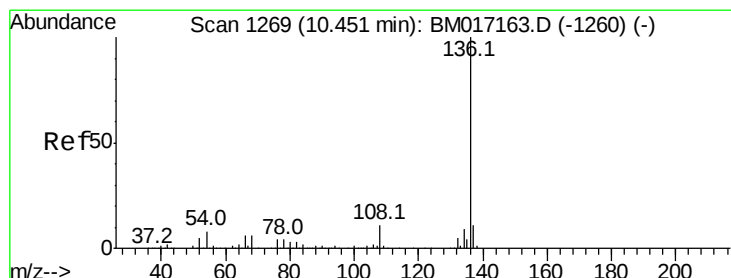
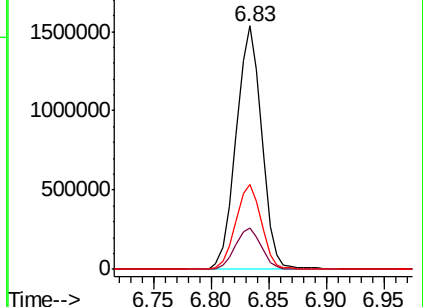
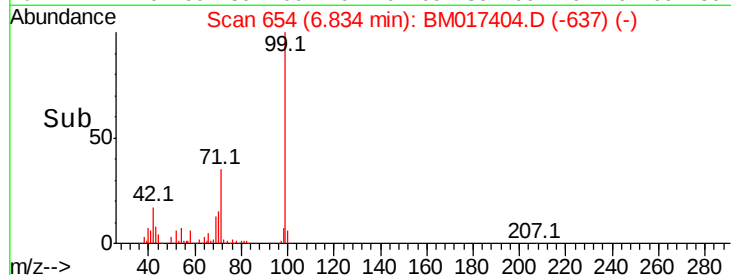
71 34.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BM017404.D

Acq: 29 Oct 2018 12:35

Tgt Ion: 136 Resp: 1151228

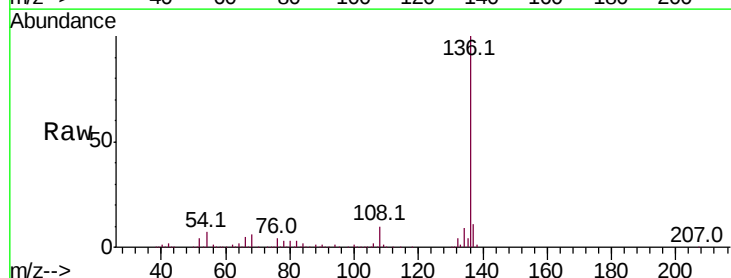
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.3 6.7 10.1

68 5.7 4.7 7.1

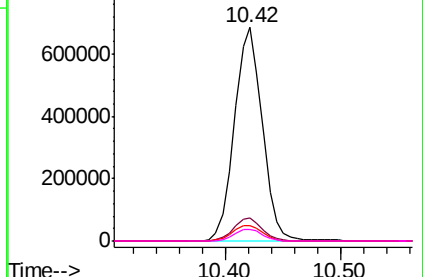
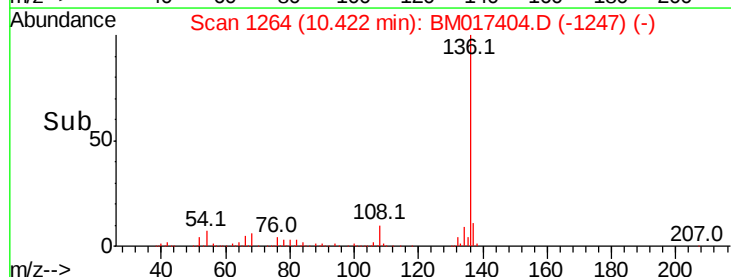


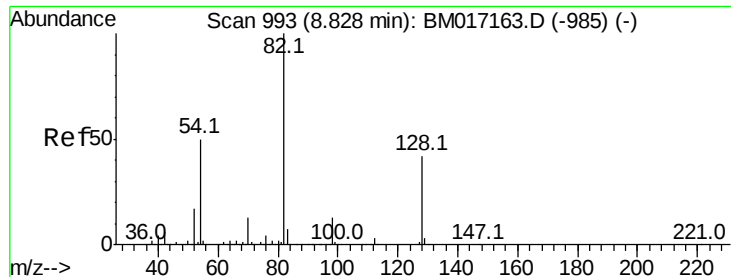
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1260) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1260) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1260) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1260) (-)



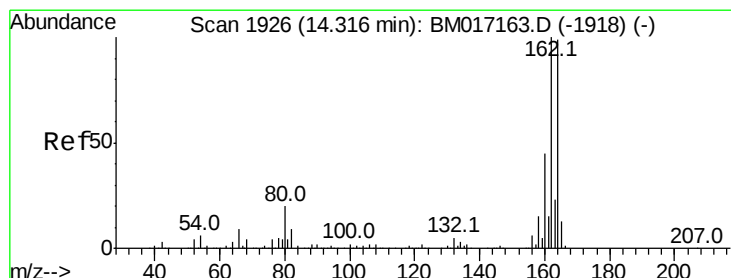
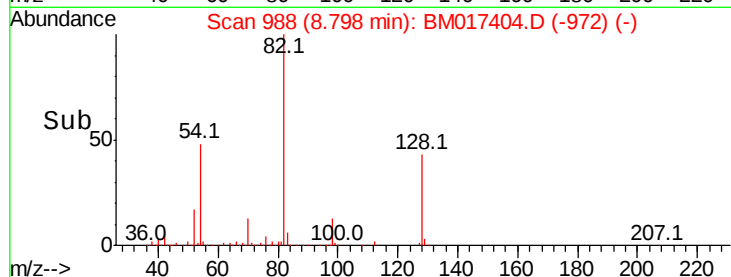
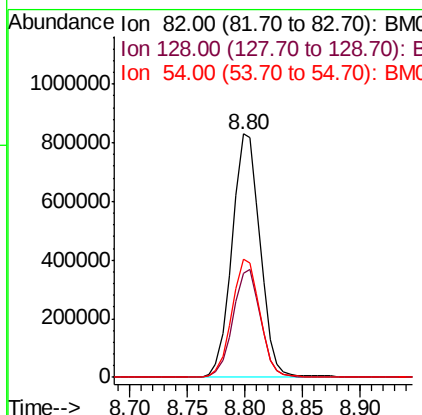
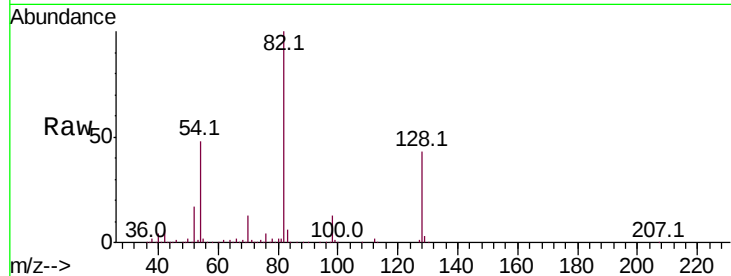


#23
 Nitrobenzene-d5
 Concen: 71.446 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BM017404.D
 Acq: 29 Oct 2018 12:35

Instrument :
 BNA_M
 ClientSampled :
 PB114216BL

Tot Ion: 82 Resp: 1406336

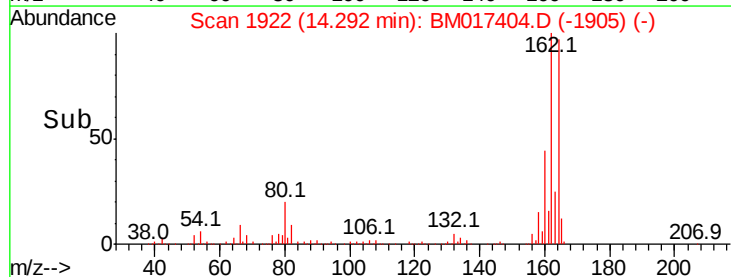
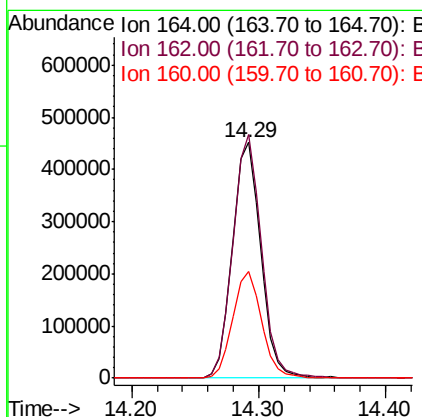
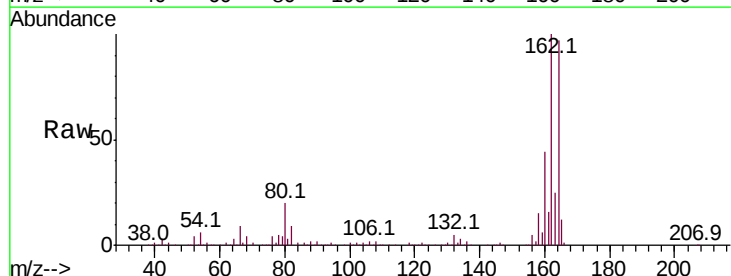
Ion	Ratio	Lower	Upper
82	100		
128	42.8	37.0	55.6
54	48.5	40.7	61.1

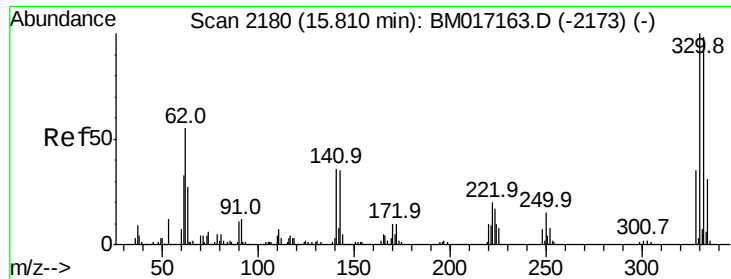


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: BM017404.D
 Acq: 29 Oct 2018 12:35

Tgt Ion: 164 Resp: 697700

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.1	123.1
160	45.0	40.2	60.2

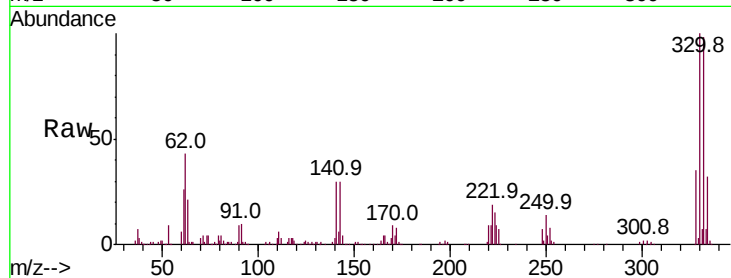




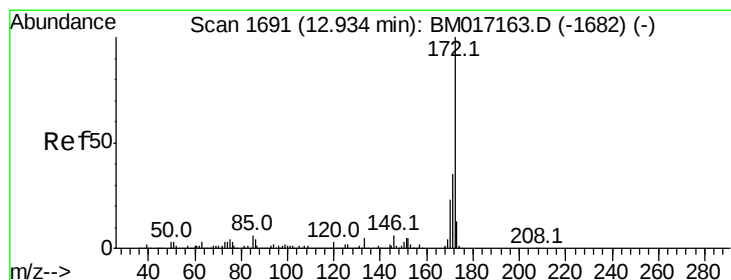
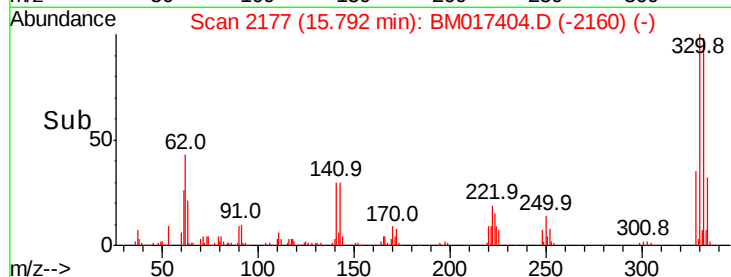
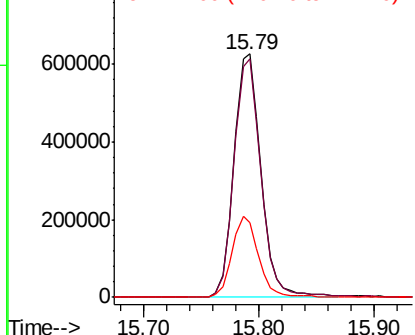
#42
 2,4,6-Tribromophenol
 Concen: 107.956 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BM017404.D
 Acq: 29 Oct 2018 12:35

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BL

Tot Ion:330 Resp: 1018602
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 32.5 27.4 41.0

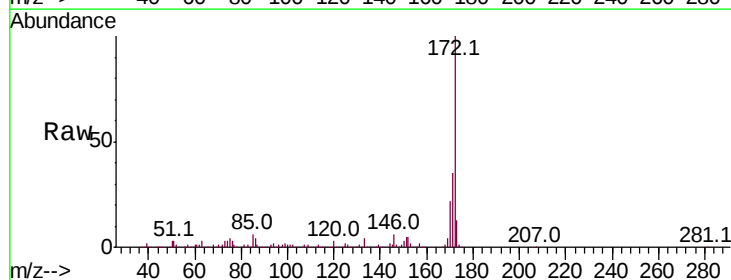


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

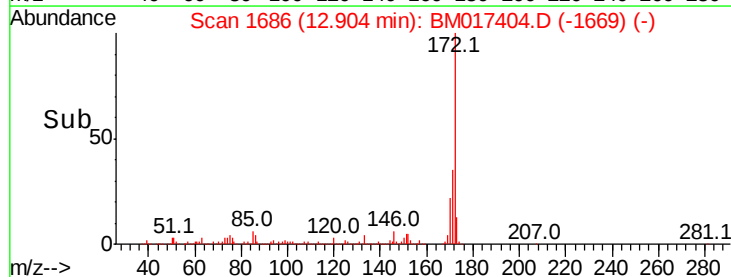
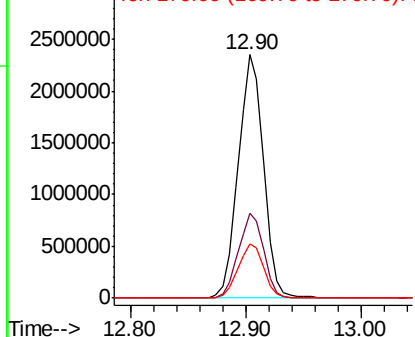


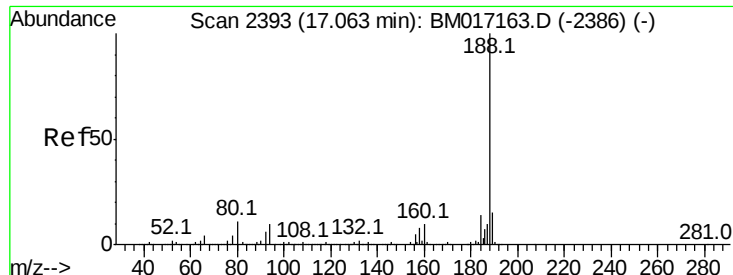
#45
 2-Fluorobiphenyl
 Concen: 67.761 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BM017404.D
 Acq: 29 Oct 2018 12:35

Tgt Ion:172 Resp: 3553221
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.3 42.5
 170 22.5 18.3 27.5



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

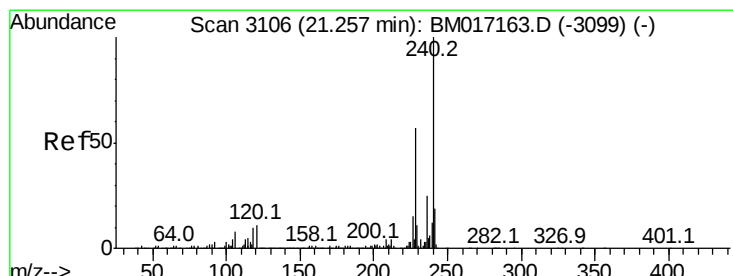
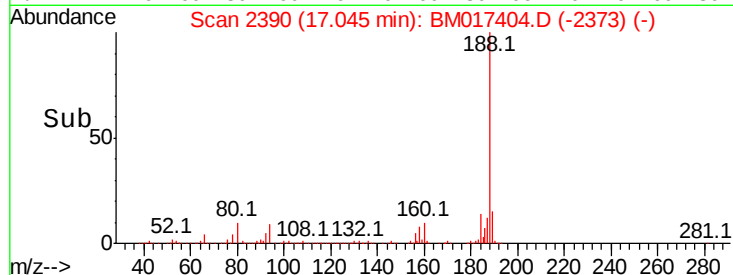
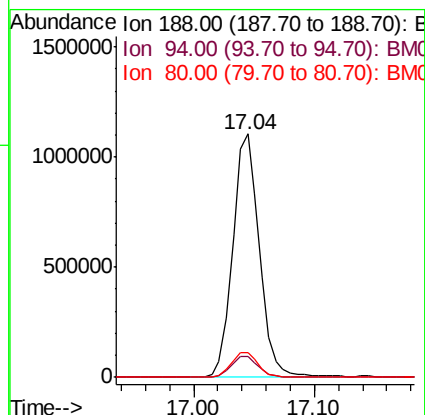
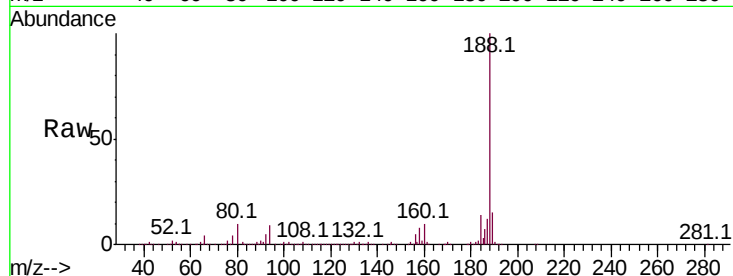




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BM017404.D
Acq: 29 Oct 2018 12:35

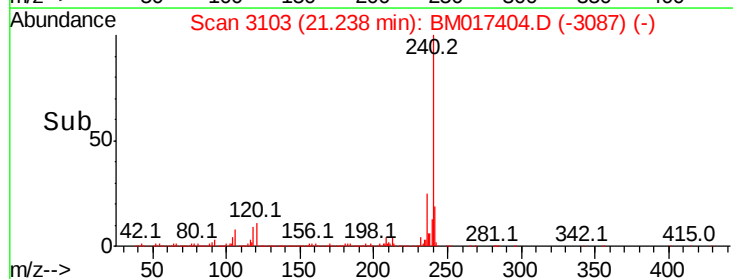
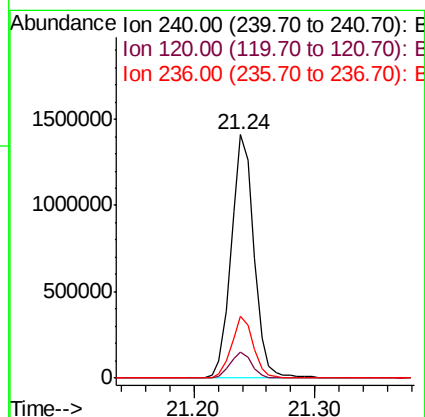
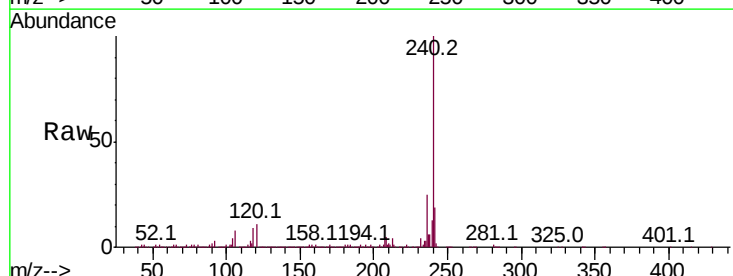
Instrument :
BNA_M
ClientSampleId :
PB114216BL

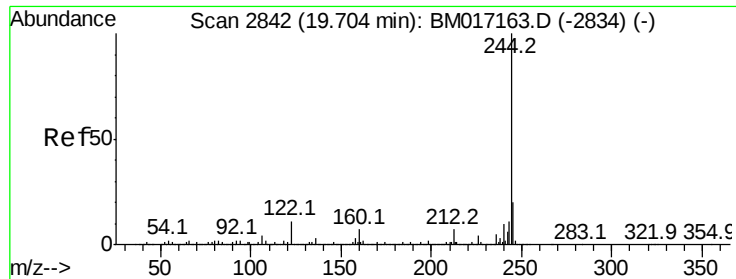
Tot Ion:188 Resp: 1692472
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 10.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017404.D
Acq: 29 Oct 2018 12:35

Tgt Ion:240 Resp: 1850103
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 25.2 19.9 29.9





#79

Terphenyl-d14

Concen: 72.505 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM017404.D

Acq: 29 Oct 2018 12:35

Instrument :

BNA_M

ClientSampleId :

PB114216BL

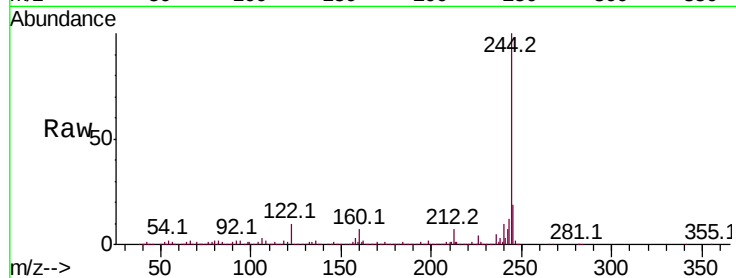
Tot Ion:244 Resp: 5951236

Ion Ratio Lower Upper

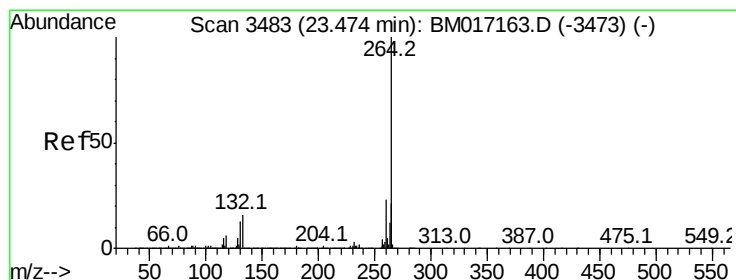
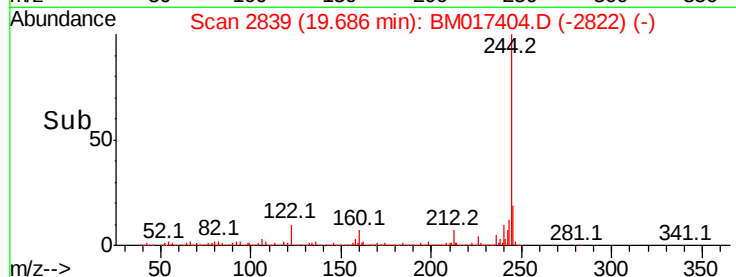
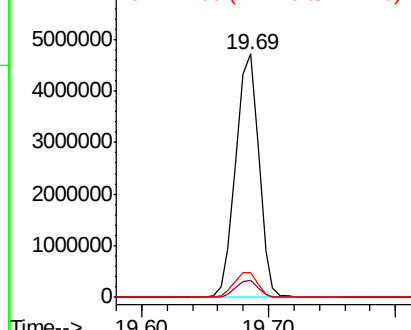
244 100

212 7.0 5.5 8.3

122 10.0 8.4 12.6



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: 23.45 min Scan# 3479

Delta R.T. -0.00 min

Lab File: BM017404.D

Acq: 29 Oct 2018 12:35

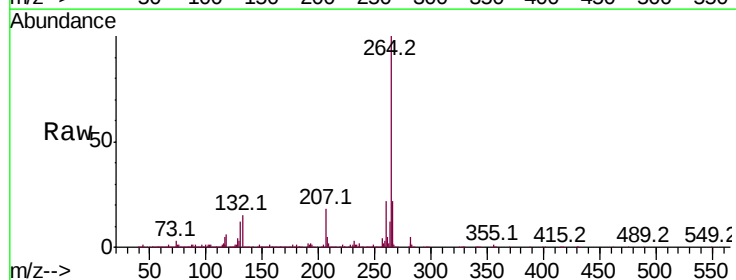
Tgt Ion:264 Resp: 1569789

Ion Ratio Lower Upper

264 100

260 22.4 18.6 27.8

265 21.8 17.8 26.8



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

