

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
 Data File : BM017414.D
 Acq On : 29 Oct 2018 19:28
 Operator : MJ/SJ
 Sample : PB114250BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114250BL

Quant Time: Oct 30 03:49:17 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	277705	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	1219404	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	710087	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1739939	20.00	ng	0.00
76) Chrysene-d12	21.24	240	2002965	20.00	ng	0.00
87) Perylene-d12	23.45	264	1691199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1656514	100.89	ng	0.00
7) Phenol-d6	6.83	99	2300254	102.86	ng	0.00
23) Nitrobenzene-d5	8.80	82	1880017	90.17	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	983353	102.40	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	5176179	96.99	ng	0.00
79) Terphenyl-d14	19.69	244	8474473	95.37	ng	0.00

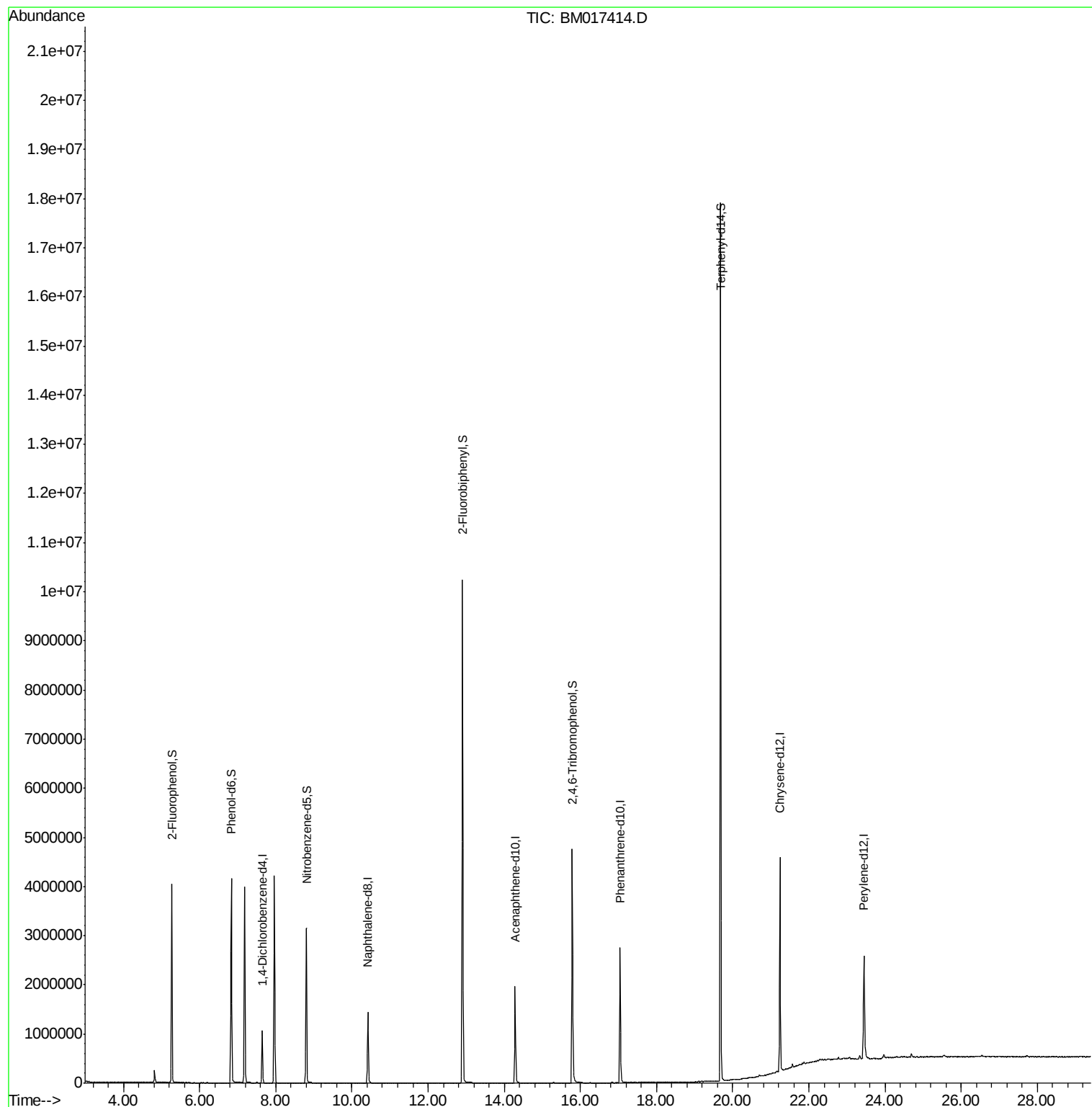
Target Compounds Qvalue

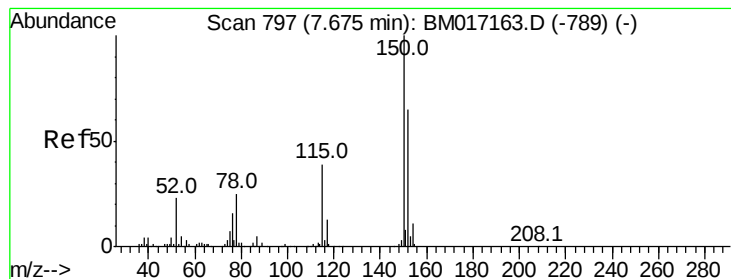
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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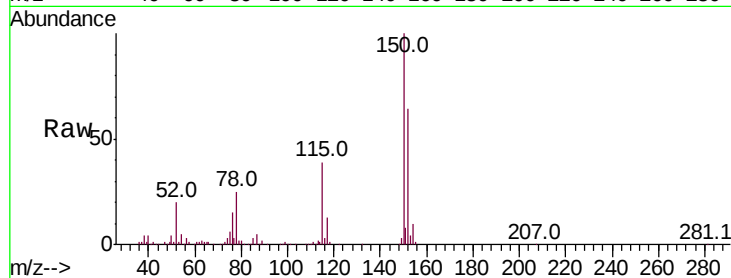


#1

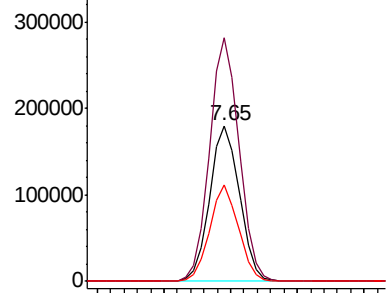
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.00 min
Lab File: BM017414.D
Acq: 29 Oct 2018 19:28

Instrument :
BNA_M
ClientSampleId :
PB114250BL

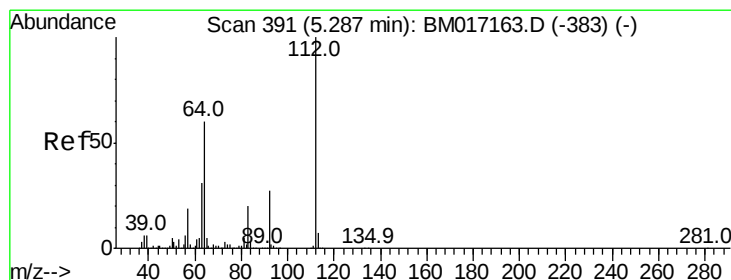
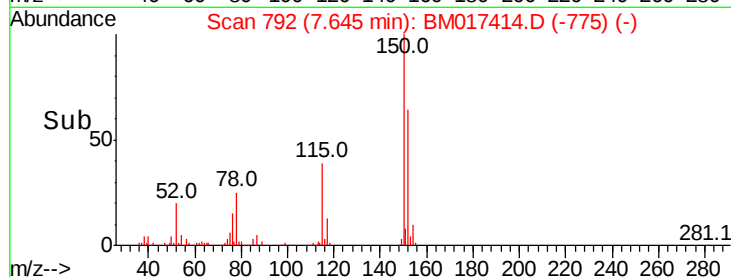
Tot Ion:152 Resp: 277705
Ion Ratio Lower Upper
152 100
150 156.2 124.3 186.5
115 61.7 48.1 72.1



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



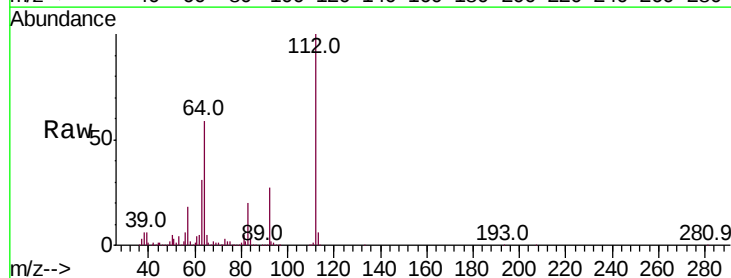
Time--> 7.55 7.60 7.65 7.70 7.75



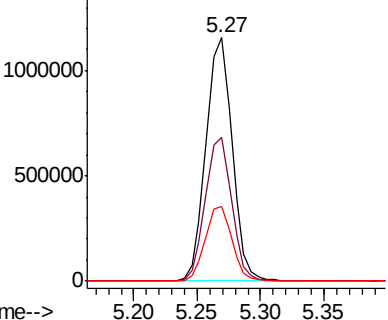
#5

2-Fluorophenol
Concen: 100.888 ng
RT: 5.27 min Scan# 388
Delta R.T. 0.01 min
Lab File: BM017414.D
Acq: 29 Oct 2018 19:28

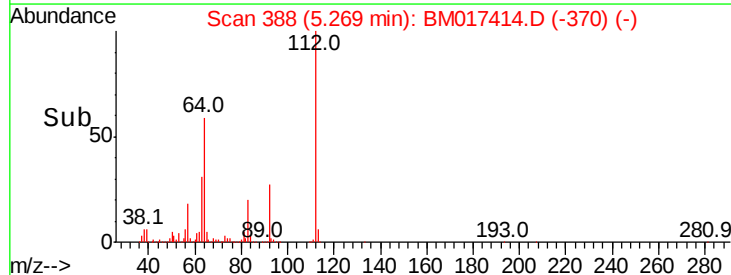
Tgt Ion:112 Resp: 1656514
Ion Ratio Lower Upper
112 100
64 59.1 41.7 62.5
63 30.6 23.0 34.4

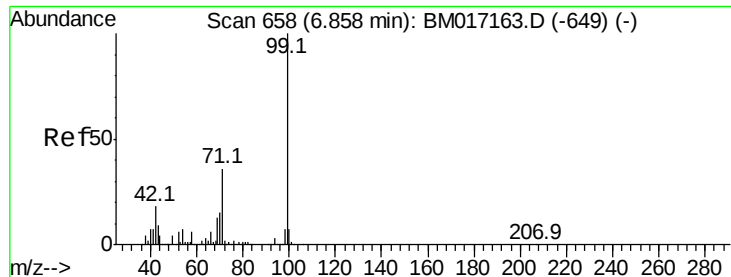


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time--> 5.20 5.25 5.30 5.35





#7

Phenol-d6

Concen: 102.864 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM017414.D

Acq: 29 Oct 2018 19:28

Instrument :

BNA_M

ClientSampleId :

PB114250BL

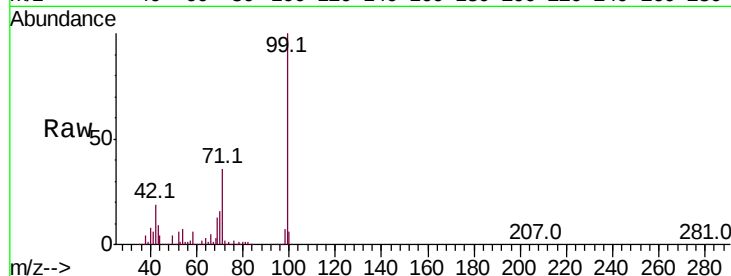
Tot Ion: 99 Resp: 2300254

Ion Ratio Lower Upper

99 100

42 18.5 13.3 19.9

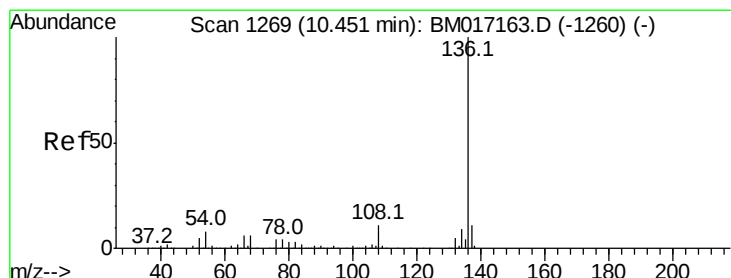
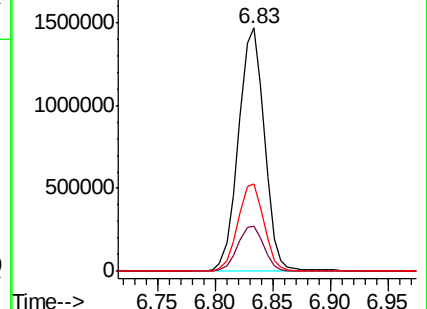
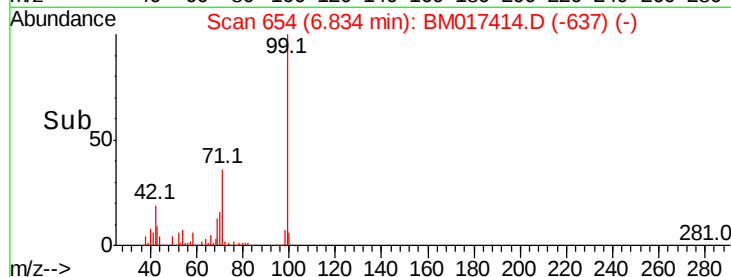
71 36.0 28.0 42.0



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# 1263

Delta R.T. -0.01 min

Lab File: BM017414.D

Acq: 29 Oct 2018 19:28

Tgt Ion: 136 Resp: 1219404

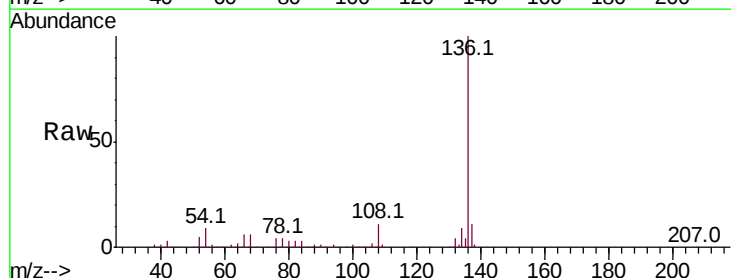
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 9.0 6.7 10.1

68 6.1 4.7 7.1

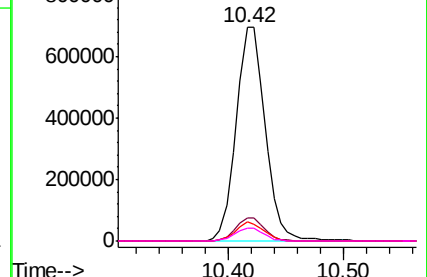
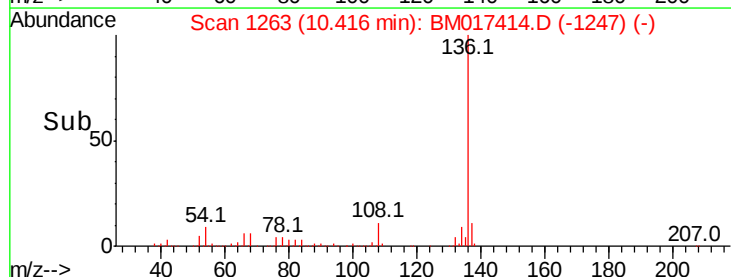


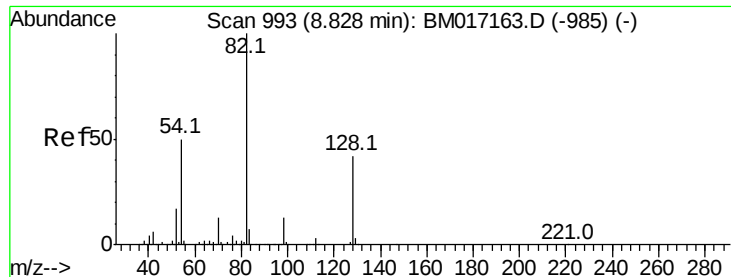
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1260) (-)

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: 90.170 ng

RT: 8.80 min Scan# 988

Delta R.T. -0.01 min

Lab File: BM017414.D

Acq: 29 Oct 2018 19:28

Instrument :

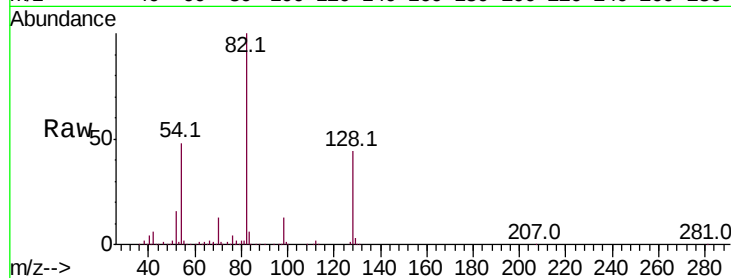
BNA_M

ClientSampleId :

PB114250BL

Tot Ion: 82 Resp: 1880017

Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.0	55.6
54	48.4	40.7	61.1

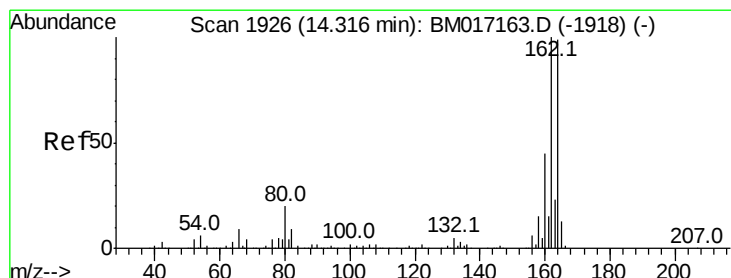
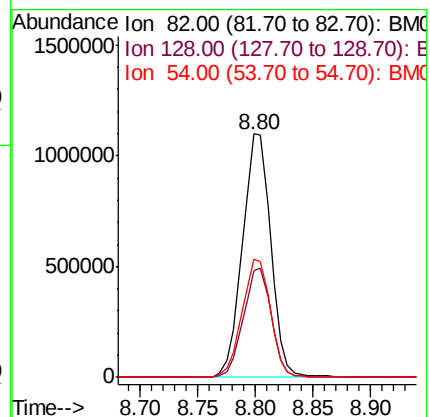
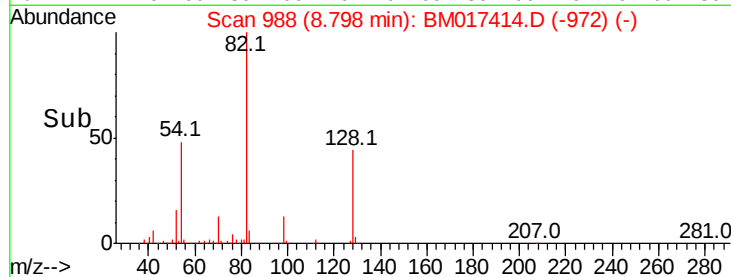


Abundance Ion 82.00 (81.70 to 82.70): BM017414.D (-985) (-)

1500000

Ion 128.00 (127.70 to 128.70): BM017414.D (-985) (-)

Ion 54.00 (53.70 to 54.70): BM017414.D (-985) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1921

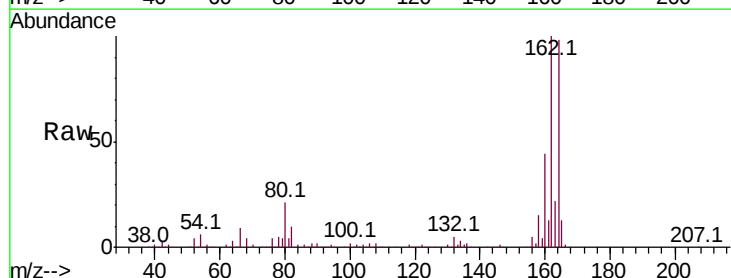
Delta R.T. -0.01 min

Lab File: BM017414.D

Acq: 29 Oct 2018 19:28

Tgt Ion:164 Resp: 710087

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.1	123.1
160	45.2	40.2	60.2

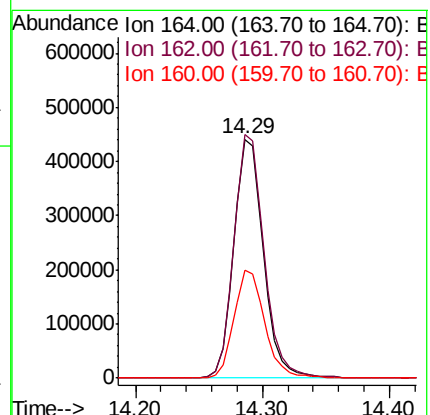
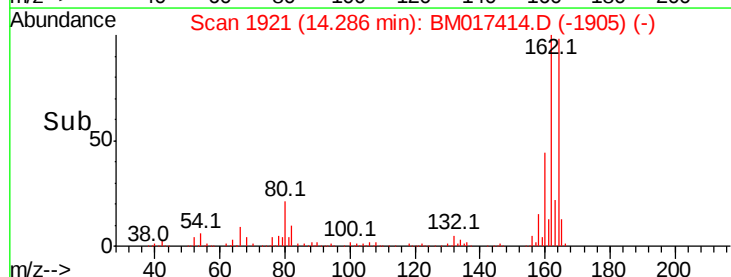


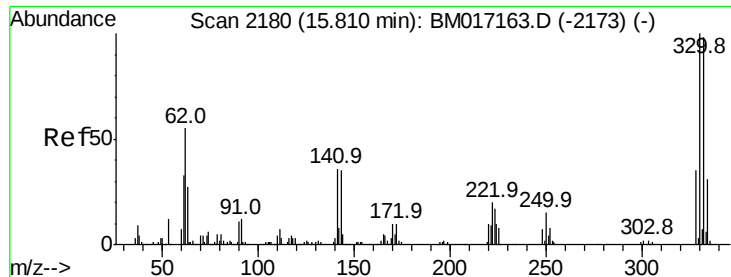
Abundance Ion 164.00 (163.70 to 164.70): BM017414.D (-1905) (-)

600000

Ion 162.00 (161.70 to 162.70): BM017414.D (-1905) (-)

Ion 160.00 (159.70 to 160.70): BM017414.D (-1905) (-)





#42

2,4,6-Tribromophenol

Concen: 102.402 ng

RT: 15.79 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BM017414.D

Acq: 29 Oct 2018 19:28

Instrument :

BNA_M

ClientSampleId :

PB114250BL

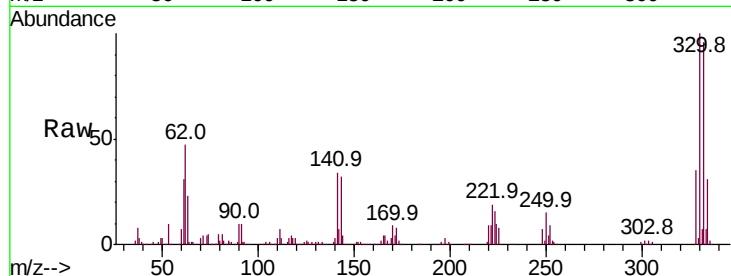
Tot Ion:330 Resp: 983353

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

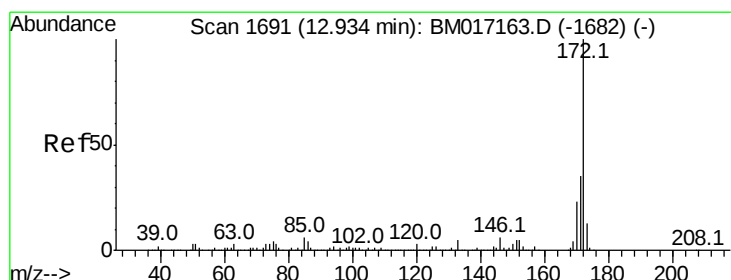
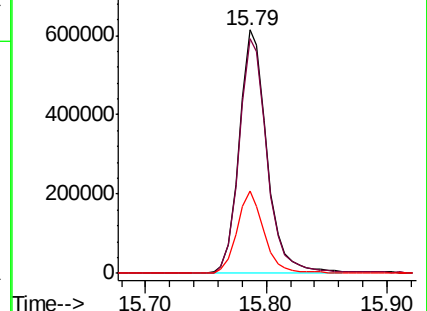
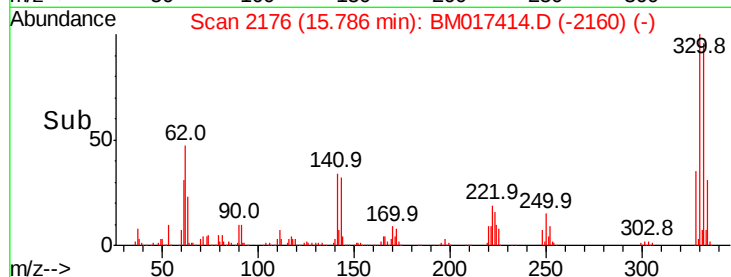
141 32.9 27.4 41.0



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: 96.990 ng

RT: 12.90 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BM017414.D

Acq: 29 Oct 2018 19:28

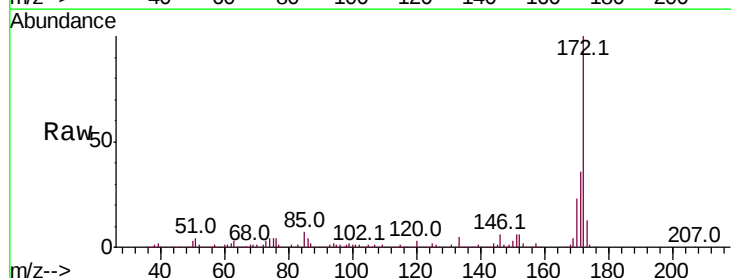
Tgt Ion:172 Resp: 5176179

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

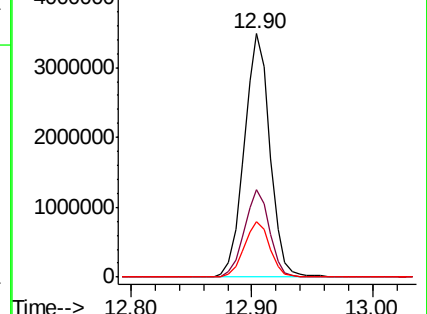
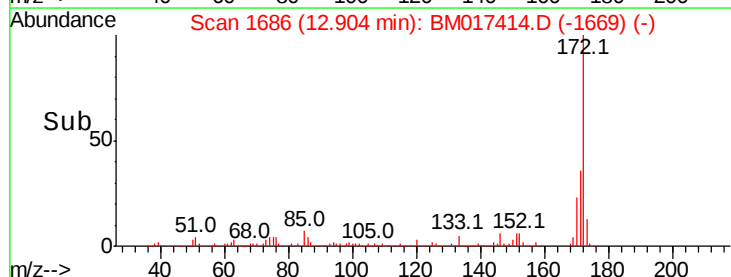
170 22.8 18.3 27.5

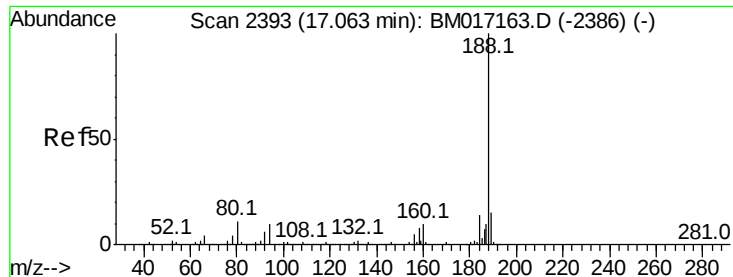


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM017414.D

Acq: 29 Oct 2018 19:28

Instrument :

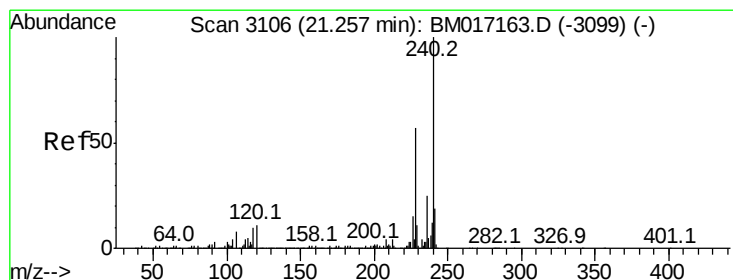
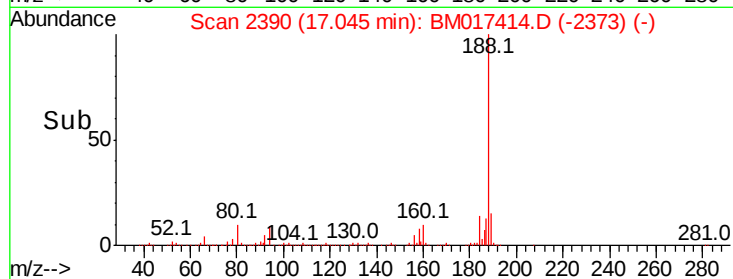
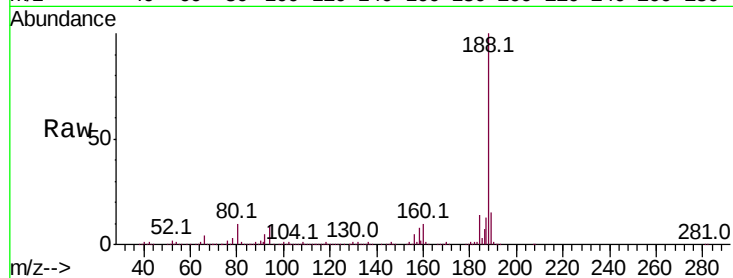
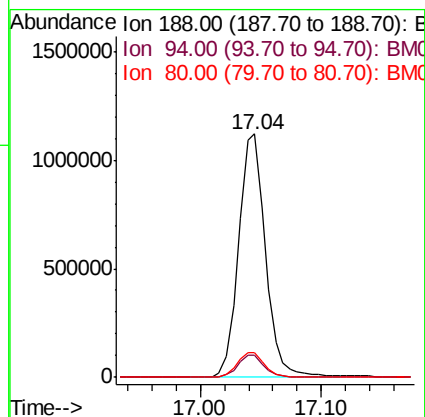
BNA_M

ClientSampleId :

PB114250BL

Tot Ion:188 Resp: 1739939

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.4
80	9.9	7.7	11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3103

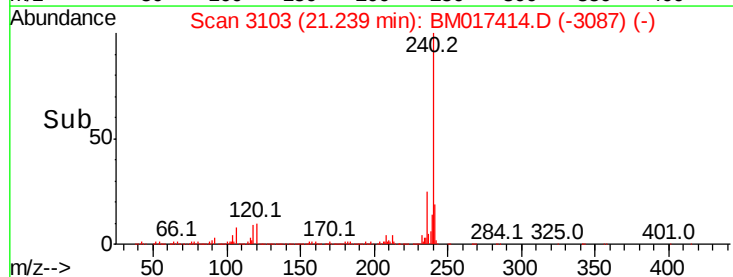
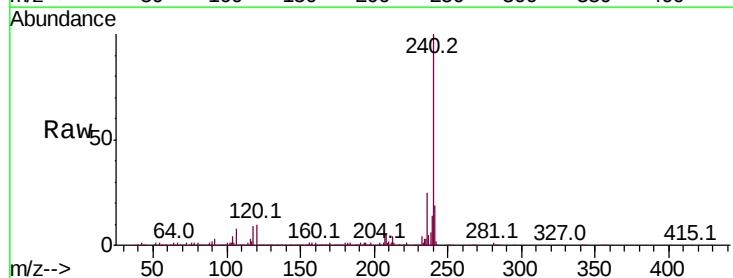
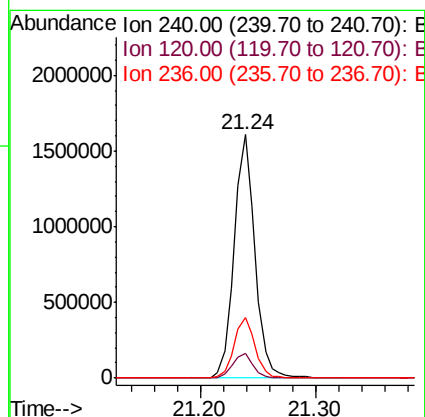
Delta R.T. -0.01 min

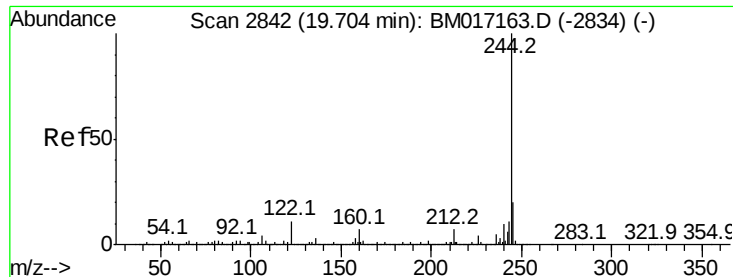
Lab File: BM017414.D

Acq: 29 Oct 2018 19:28

Tgt Ion:240 Resp: 2002965

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	25.1	19.9	29.9





#79

Terphenyl-d14

Concen: 95.366 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM017414.D

Acq: 29 Oct 2018 19:28

Instrument :

BNA_M

ClientSampleId :

PB114250BL

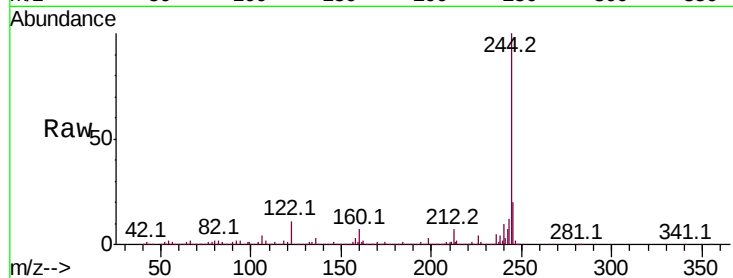
Tot Ion:244 Resp: 8474473

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

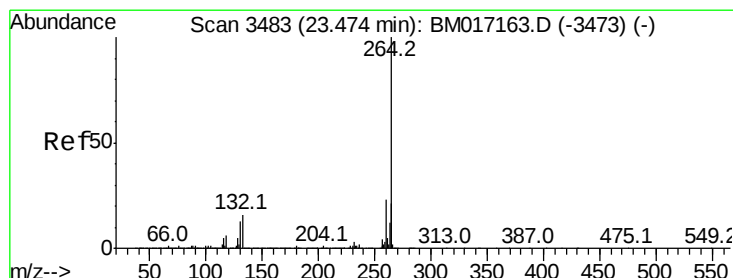
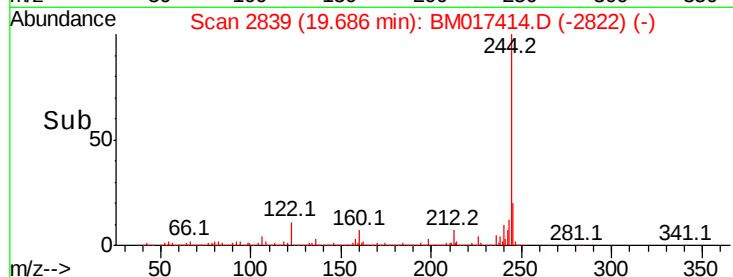
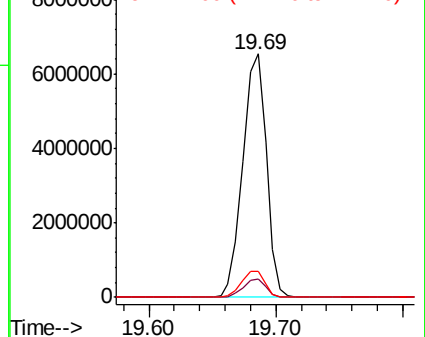
122 10.5 8.4 12.6



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: BM017414.D

Acq: 29 Oct 2018 19:28

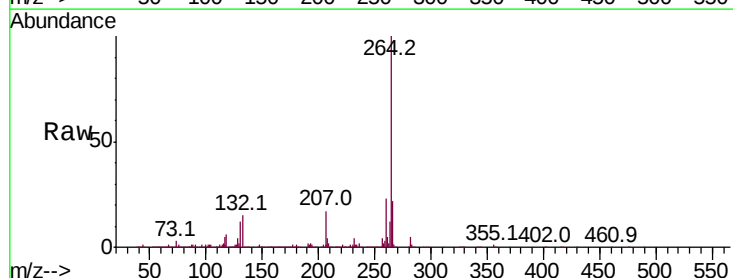
Tgt Ion:264 Resp: 1691199

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.9 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

