

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
 Data File : BM017604.D
 Acq On : 09 Nov 2018 22:49
 Operator : MJ/SJ
 Sample : PB114693BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BL

Quant Time: Nov 12 01:42:50 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	7.62	152	195714	20.00	ng	-0.03
21) Naphthalene-d8	10.39	136	756692	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	439009	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1020368	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1069749	20.00	ng	-0.03
87) Perylene-d12	23.41	264	970984	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1623862	140.33	ng	-0.02
7) Phenol-d6	6.81	99	2153281	136.63	ng	-0.02
23) Nitrobenzene-d5	8.77	82	1301950	100.63	ng	-0.03
42) 2,4,6-Tribromophenol	15.76	330	873014	147.05	ng	-0.03
45) 2-Fluorobiphenyl	12.87	172	3024361	91.66	ng	-0.03
79) Terphenyl-d14	19.66	244	4759000	100.27	ng	-0.02

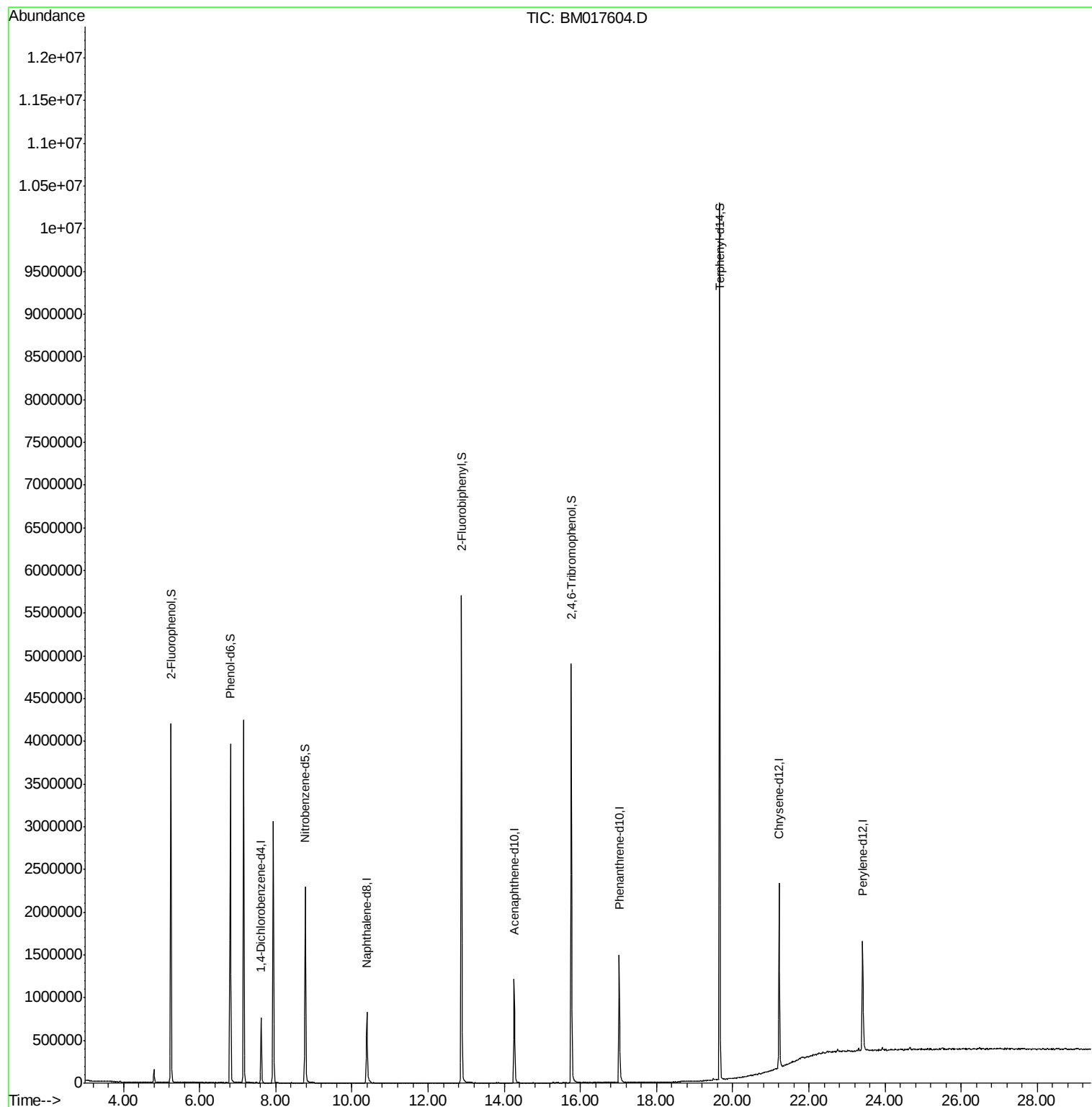
Target Compounds Qvalue

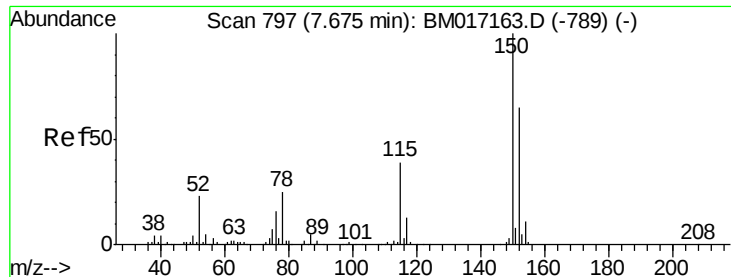
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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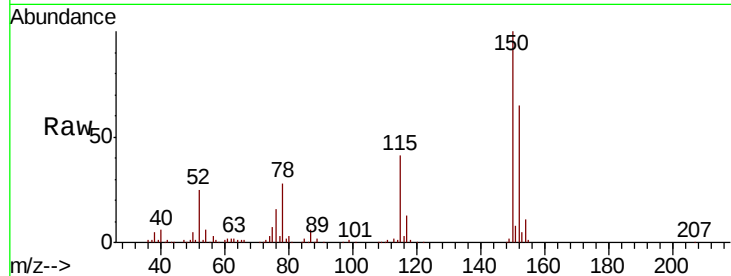


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.03 min
Lab File: BM017604.D
Acq: 09 Nov 2018 22:49

Instrument :
BNA_M
ClientSampleId :
PB114693BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.3	186.5
115	62.2	48.1	72.1

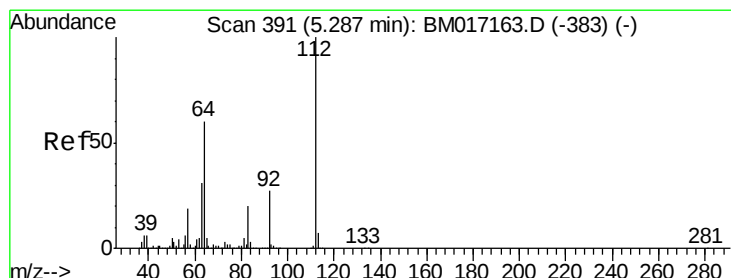
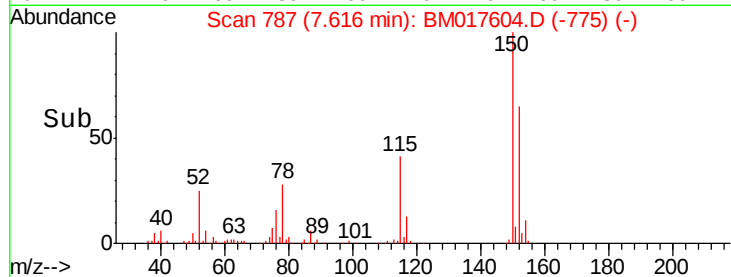
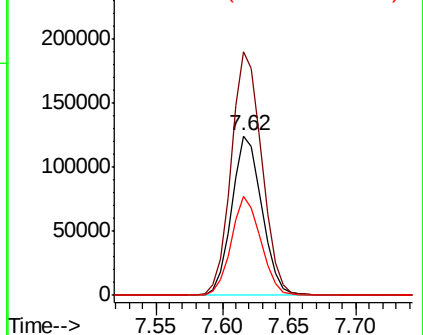


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

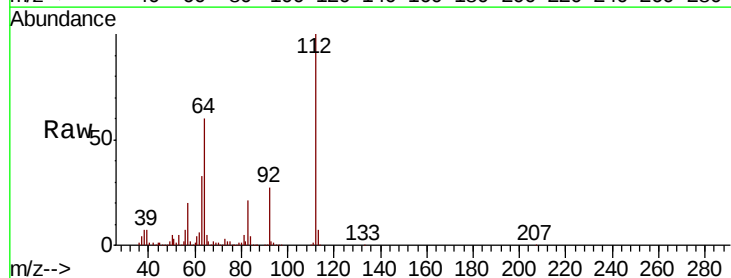
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 140.332 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM017604.D
Acq: 09 Nov 2018 22:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	41.7	62.5
63	32.7	23.0	34.4

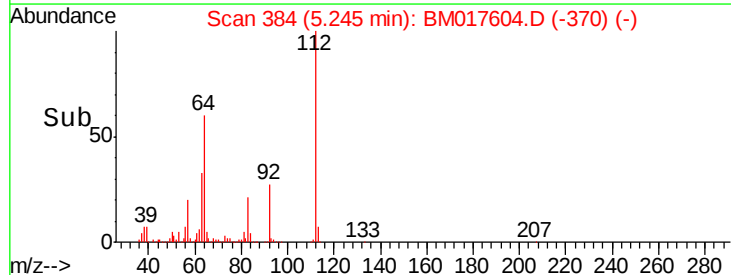
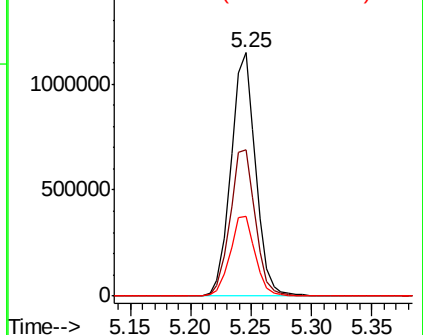


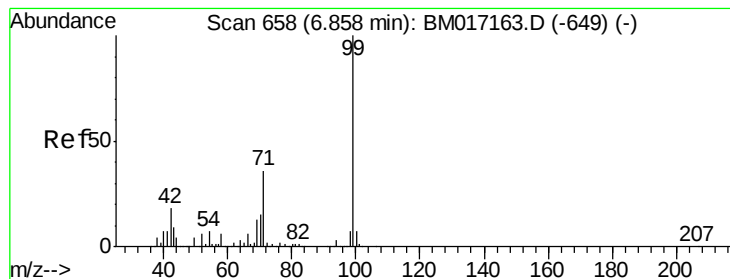
Abundance

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: 136.631 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017604.D

Acq: 09 Nov 2018 22:49

Instrument :

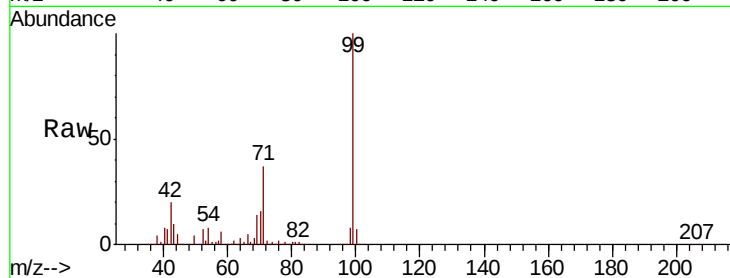
BNA_M

ClientSampleId :

PB114693BL

Tot Ion: 99 Resp: 2153281

Ion	Ratio	Lower	Upper
99	100		
42	20.3	13.3	19.9#
71	36.6	28.0	42.0

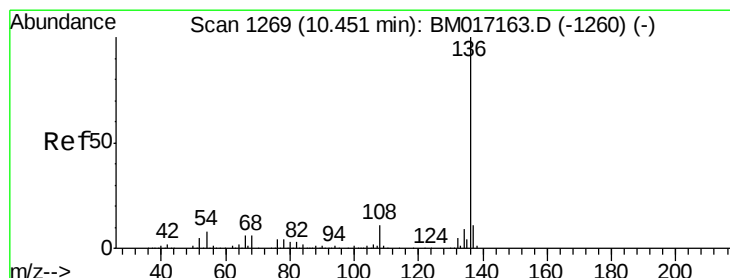
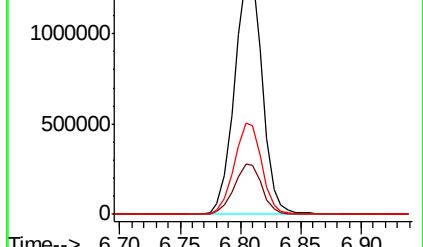
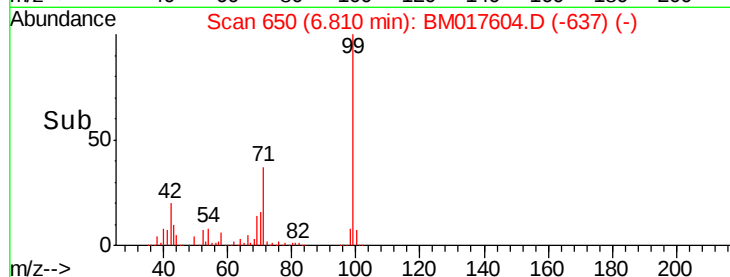


Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

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

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1259

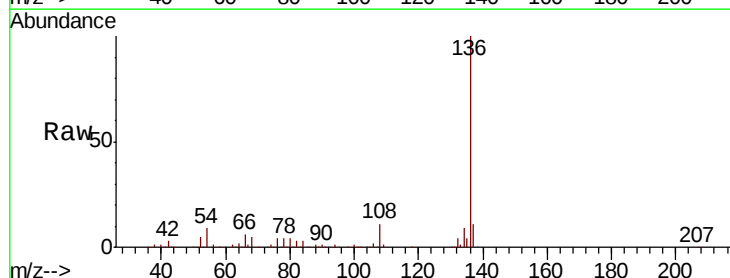
Delta R.T. -0.03 min

Lab File: BM017604.D

Acq: 09 Nov 2018 22:49

Tgt Ion: 136 Resp: 756692

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	9.1	6.7	10.1
68	5.5	4.7	7.1



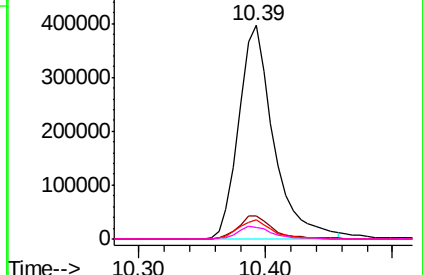
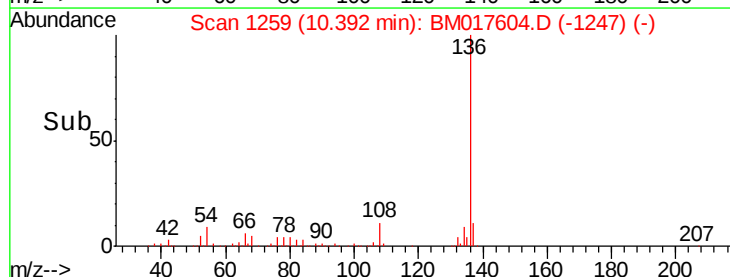
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1260) (-)

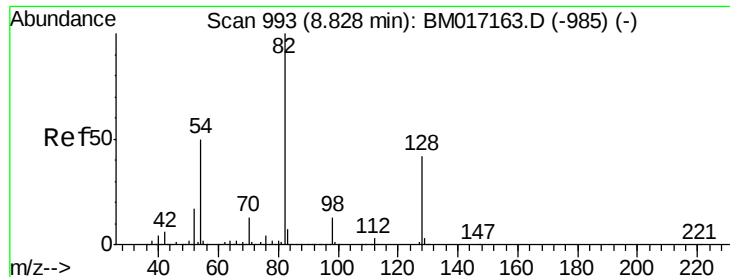
Ion 137.00 (136.70 to 137.70): BM017163.D (-1260) (-)

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

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

Time-->

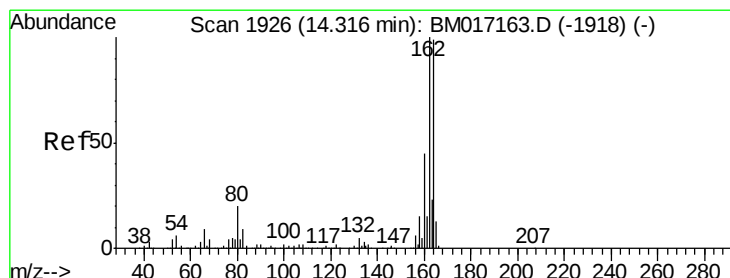
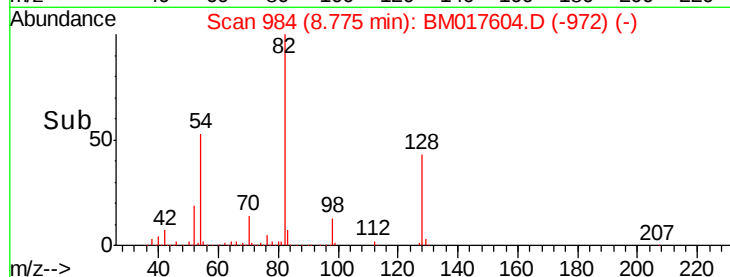
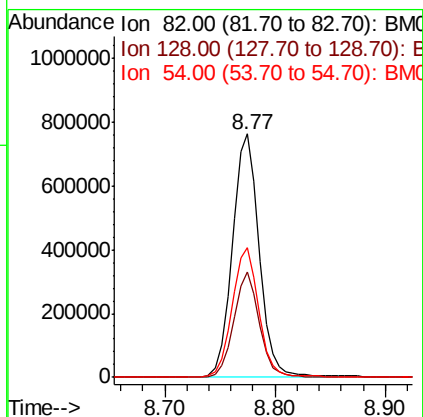
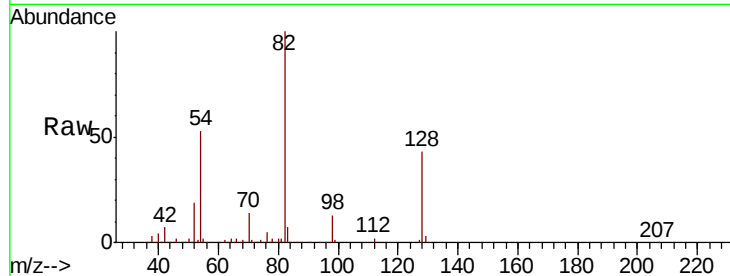




#23
Nitrobenzene-d5
Concen: 100.629 ng
RT: 8.77 min Scan# 984
Delta R.T. -0.03 min
Lab File: BM017604.D
Acq: 09 Nov 2018 22:49

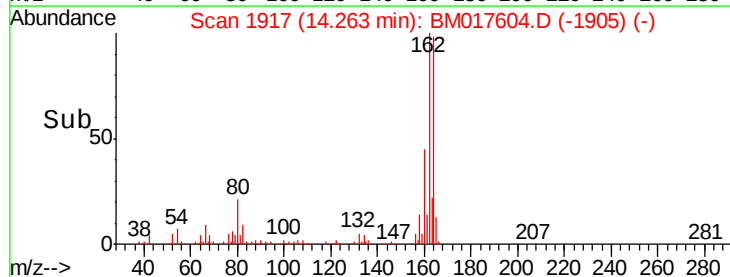
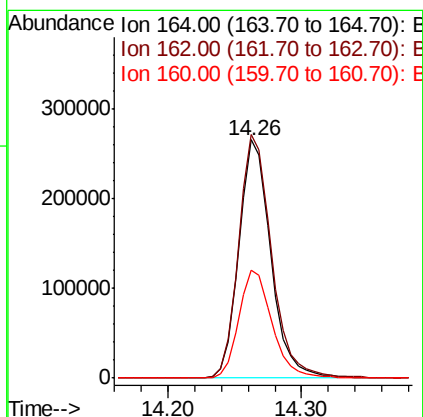
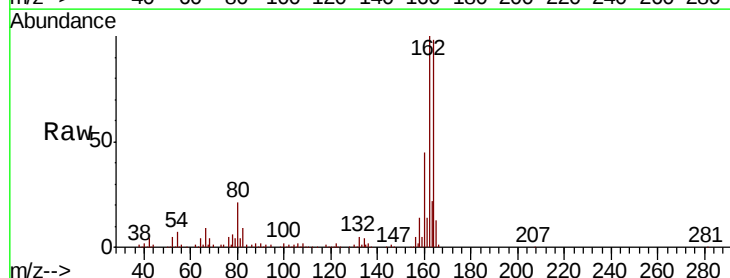
Instrument :
BNA_M
ClientSampleId :
PB114693BL

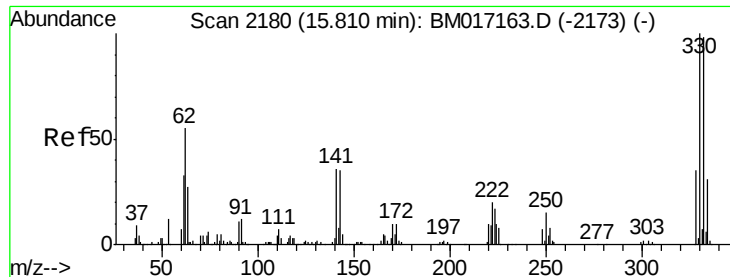
Tot Ion: 82 Resp: 1301950
Ion Ratio Lower Upper
82 100
128 43.1 37.0 55.6
54 53.2 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.03 min
Lab File: BM017604.D
Acq: 09 Nov 2018 22:49

Tgt Ion:164 Resp: 439009
Ion Ratio Lower Upper
164 100
162 102.2 82.1 123.1
160 45.6 40.2 60.2





#42

2,4,6-Tribromophenol

Concen: 147.047 ng

RT: 15.76 min Scan# 2172

Delta R.T. -0.03 min

Lab File: BM017604.D

Acq: 09 Nov 2018 22:49

Instrument :

BNA_M

ClientSampleId :

PB114693BL

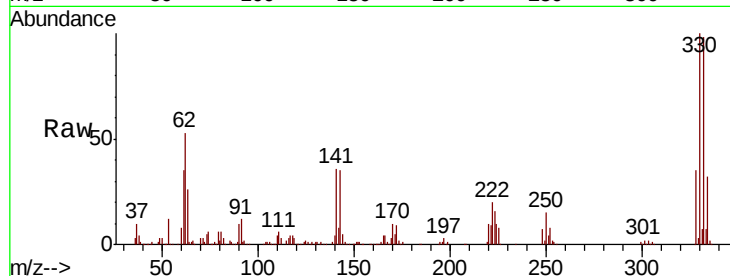
Tot Ion:330 Resp: 873014

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

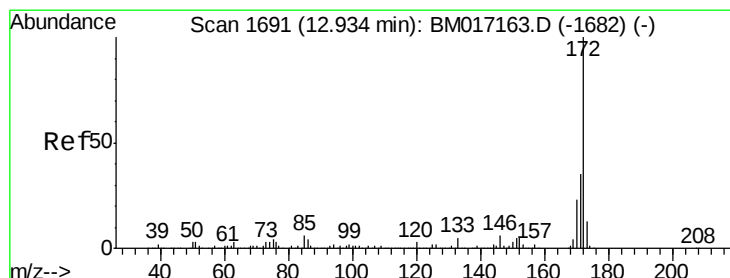
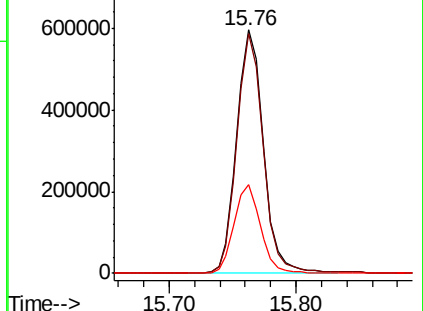
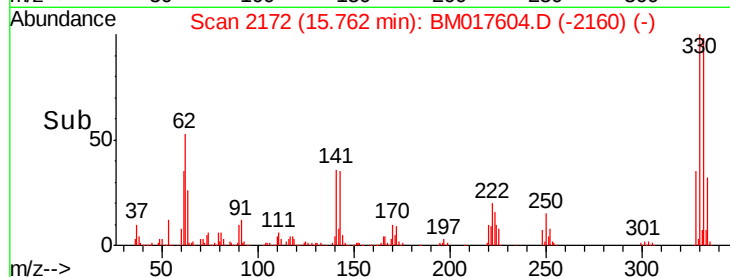
141 35.9 27.4 41.0



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: 91.662 ng

RT: 12.87 min Scan# 1681

Delta R.T. -0.03 min

Lab File: BM017604.D

Acq: 09 Nov 2018 22:49

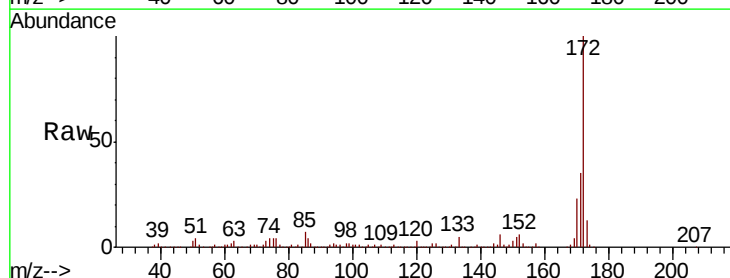
Tgt Ion:172 Resp: 3024361

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

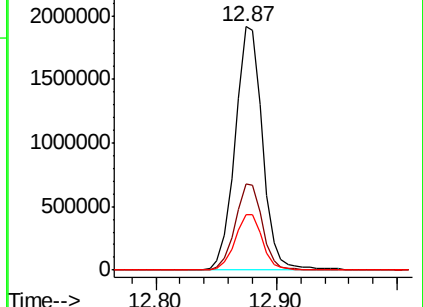
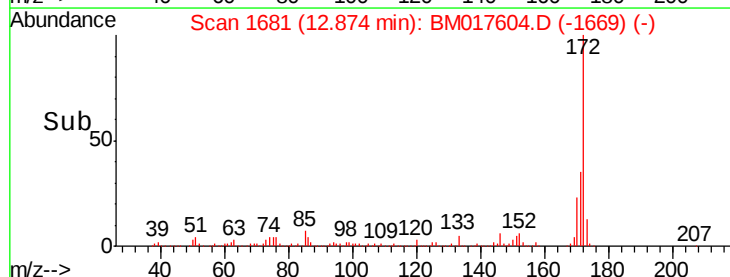
170 22.8 18.3 27.5

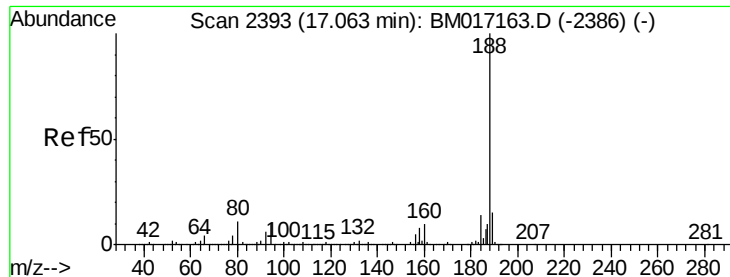


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.02 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BM017604.D

Acq: 09 Nov 2018 22:49

Instrument :

BNA_M

ClientSampleId :

PB114693BL

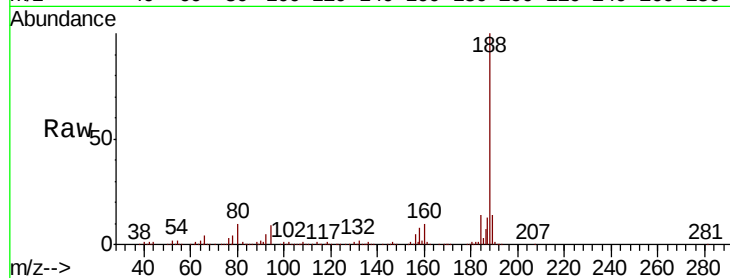
Tot Ion:188 Resp: 1020368

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

80 9.8 7.7 11.5

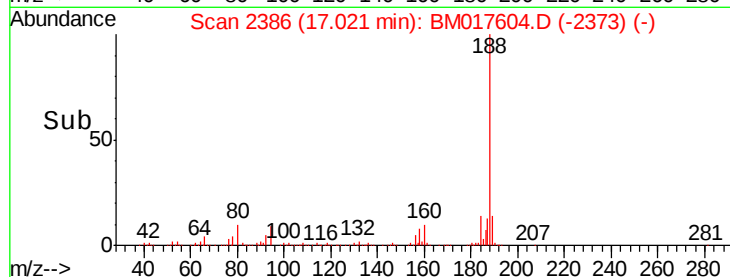


Abundance Ion 188.00 (187.70 to 188.70): E

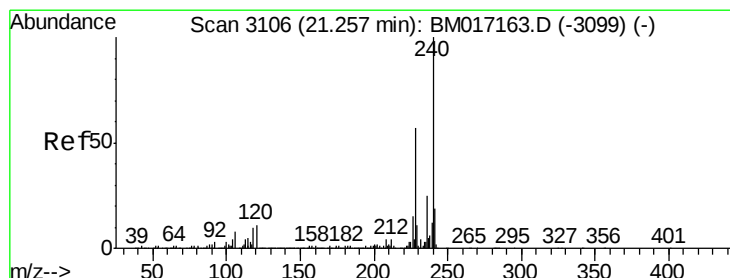
Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

17.02



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.03 min

Lab File: BM017604.D

Acq: 09 Nov 2018 22:49

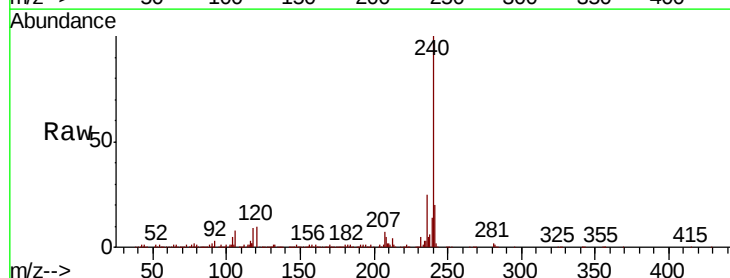
Tgt Ion:240 Resp: 1069749

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

236 25.0 19.9 29.9

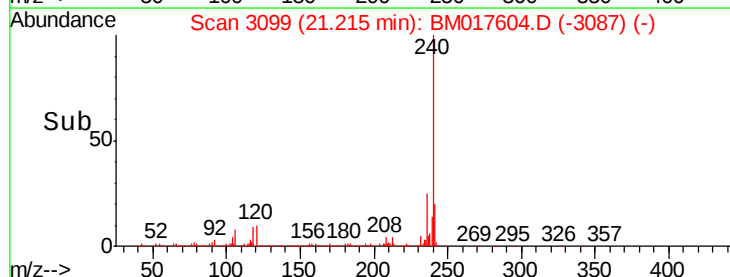


Abundance Ion 240.00 (239.70 to 240.70): E

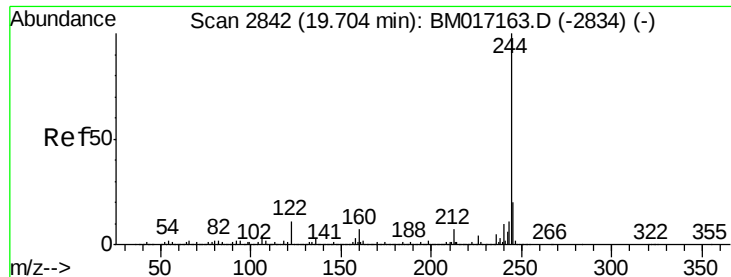
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.22



Time-->



#79

Terphenyl-d14

Concen: 100.274 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017604.D

Acq: 09 Nov 2018 22:49

Instrument :

BNA_M

ClientSampleId :

PB114693BL

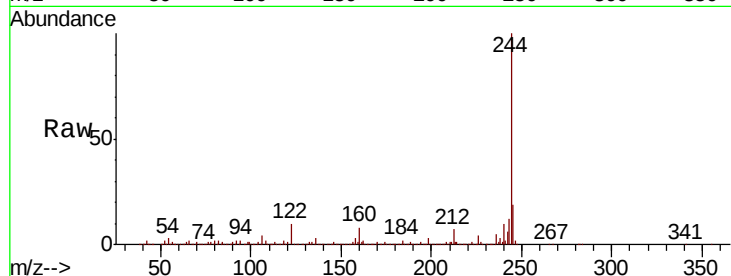
Tot Ion:244 Resp: 4759000

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

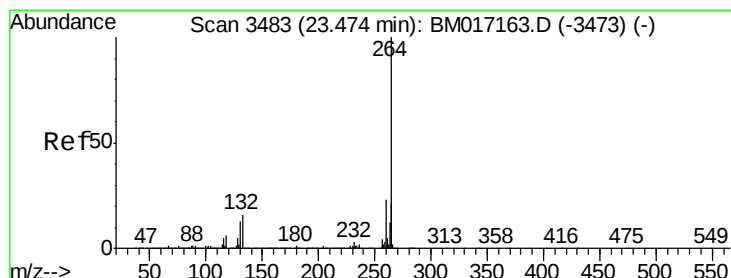
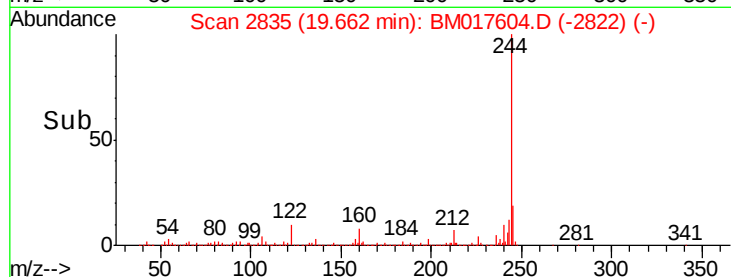
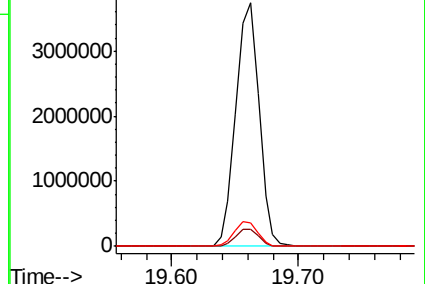
122 9.8 8.4 12.6



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: 23.41 min Scan# 3473

Delta R.T. -0.04 min

Lab File: BM017604.D

Acq: 09 Nov 2018 22:49

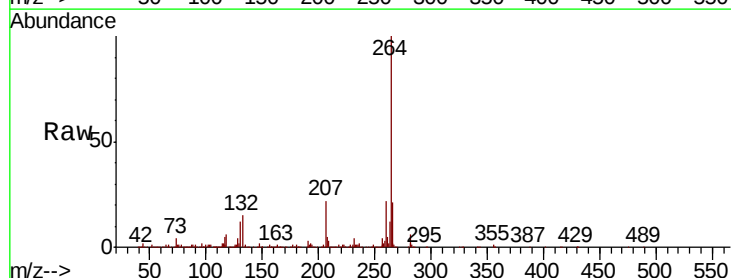
Tgt Ion:264 Resp: 970984

Ion Ratio Lower Upper

264 100

260 22.2 18.6 27.8

265 21.2 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

