

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111418\
 Data File : BM017661.D
 Acq On : 14 Nov 2018 23:28
 Operator : MJ/SJ
 Sample : PB114805BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114805BL

Quant Time: Nov 15 03:50:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	236732	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	931973	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	526226	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1131236	20.00	ng	0.00
76) Chrysene-d12	21.21	240	923176	20.00	ng	0.00
87) Perylene-d12	23.40	264	749168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1724511	122.94	ng	0.00
7) Phenol-d6	6.80	99	2260535	115.39	ng	0.00
23) Nitrobenzene-d5	8.77	82	1379406	76.41	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	811636	107.34	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3195892	78.79	ng	0.00
79) Terphenyl-d14	19.65	244	4161603	102.17	ng	0.00

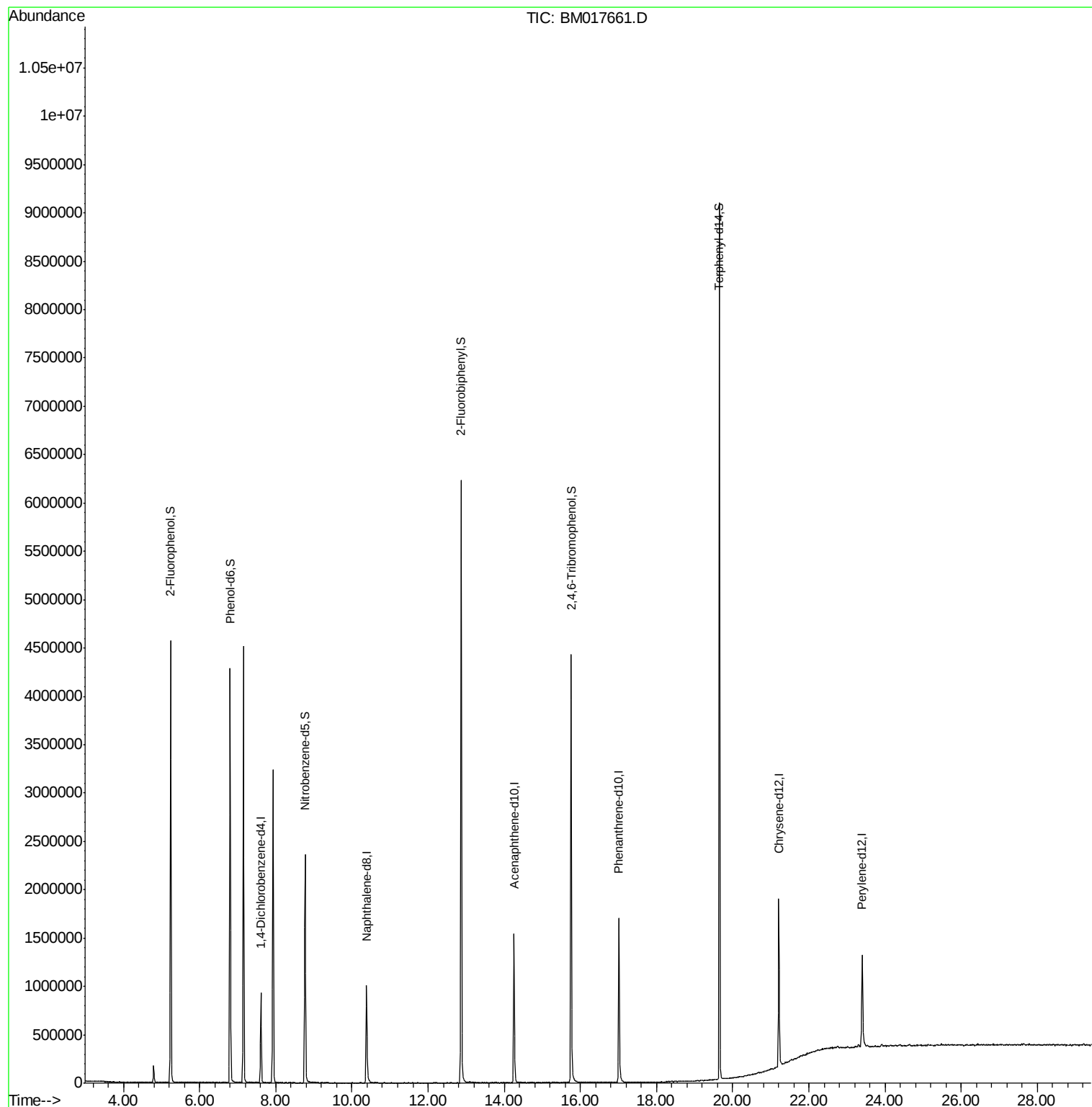
Target Compounds Qvalue

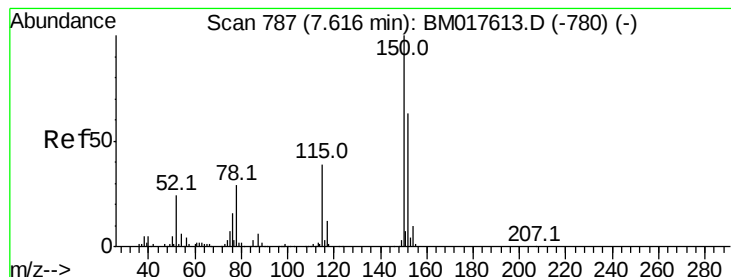
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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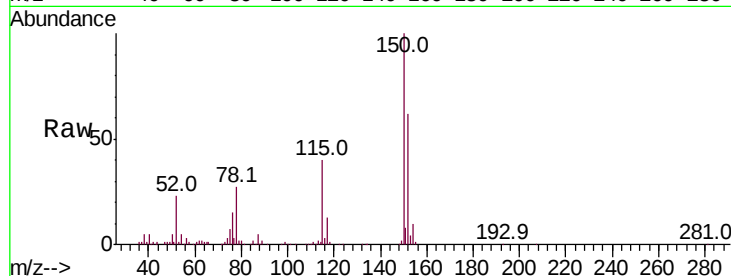


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017661.D
Acq: 14 Nov 2018 23:28

Instrument :
BNA_M
ClientSampleId :
PB114805BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.4	189.6
115	64.8	49.4	74.0

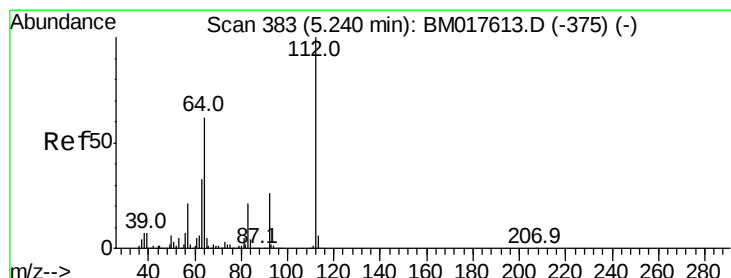
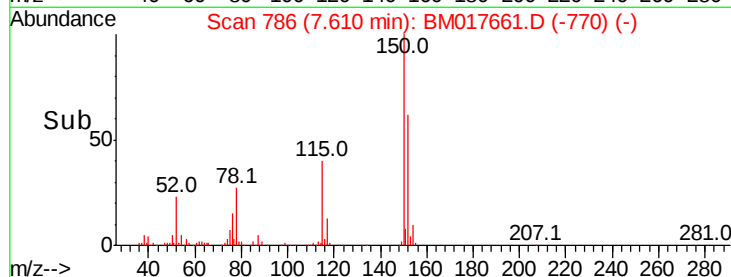
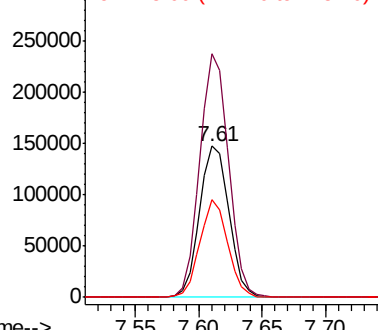


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

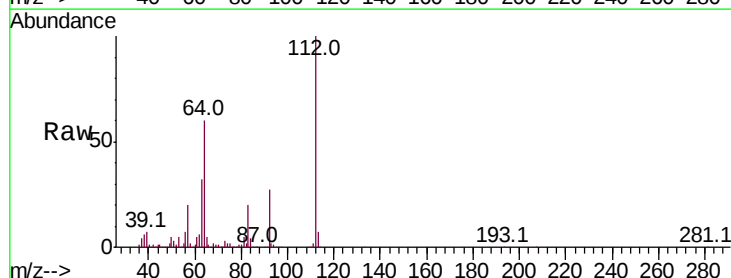
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.939 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017661.D
Acq: 14 Nov 2018 23:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	49.3	73.9
63	32.4	26.2	39.4

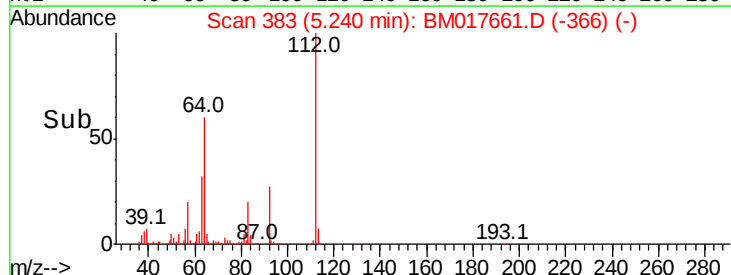
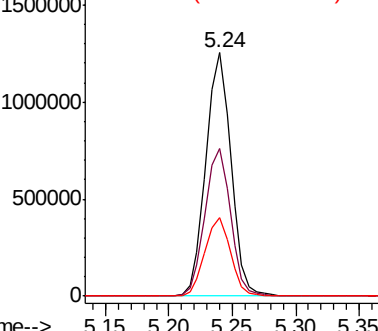


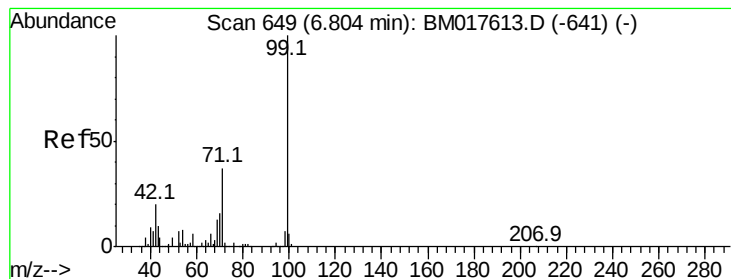
Abundance

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: 115.385 ng

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM017661.D

Acq: 14 Nov 2018 23:28

Instrument :

BNA_M

ClientSampleId :

PB114805BL

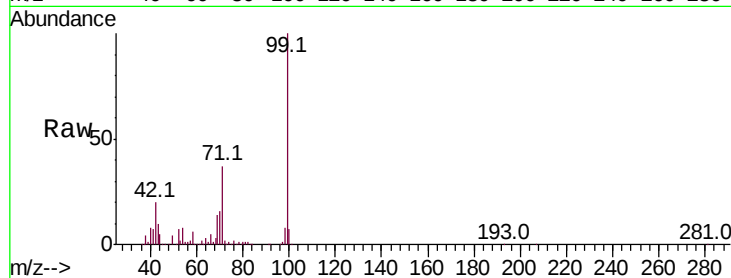
Tot Ion: 99 Resp: 2260535

Ion Ratio Lower Upper

99 100

42 20.1 16.3 24.5

71 37.3 29.8 44.8

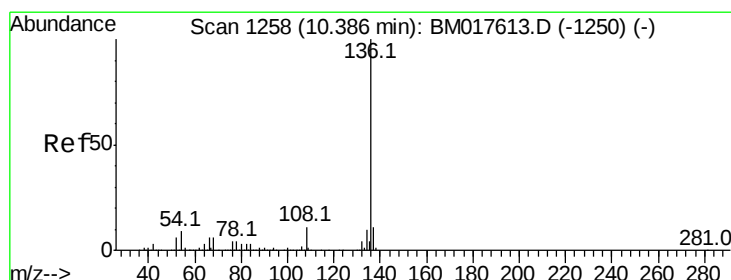
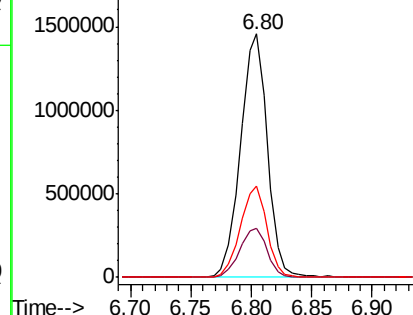
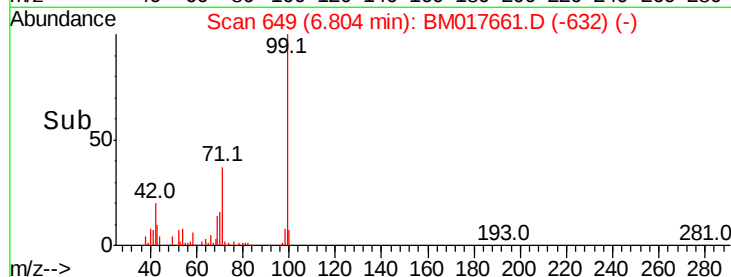


Abundance Ion 99.00 (98.70 to 99.70): BM017661.D (-632) (-)

2000000

Ion 42.00 (41.70 to 42.70): BM017661.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM017661.D (-632) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM017661.D

Acq: 14 Nov 2018 23:28

Tgt Ion: 136 Resp: 931973

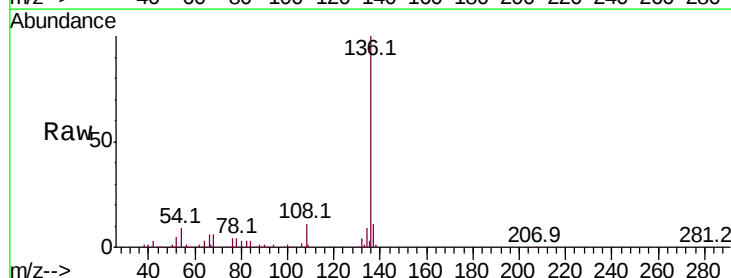
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 9.1 7.0 10.6

68 6.4 4.9 7.3



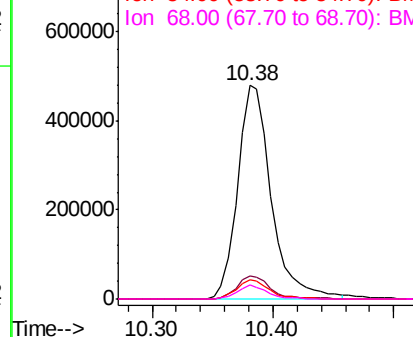
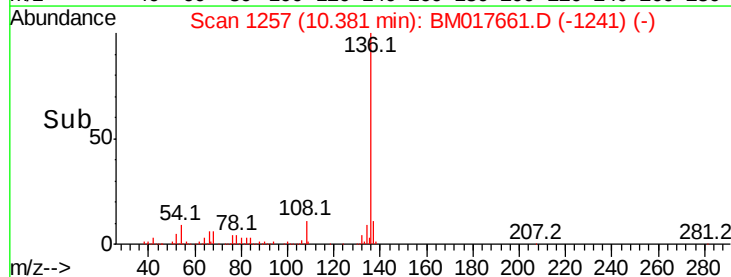
Abundance Ion 136.00 (135.70 to 136.70): BM017661.D (-1241) (-)

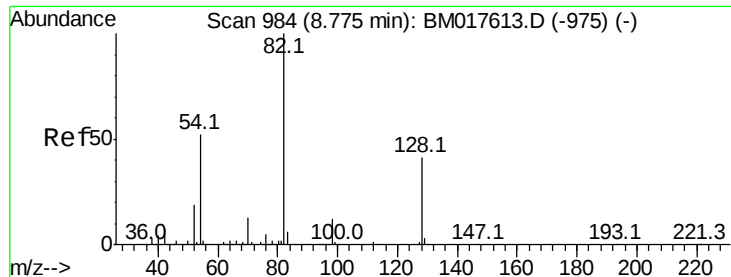
600000

Ion 137.00 (136.70 to 137.70): BM017661.D (-1241) (-)

Ion 54.00 (53.70 to 54.70): BM017661.D (-1241) (-)

Ion 68.00 (67.70 to 68.70): BM017661.D (-1241) (-)



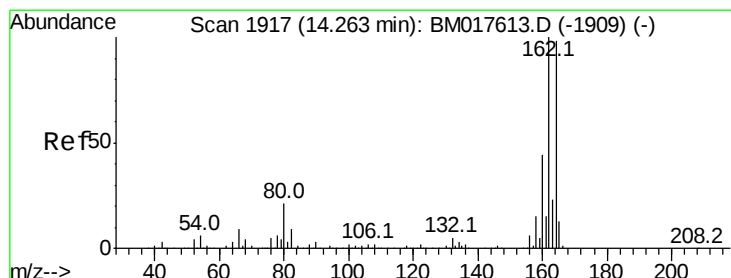
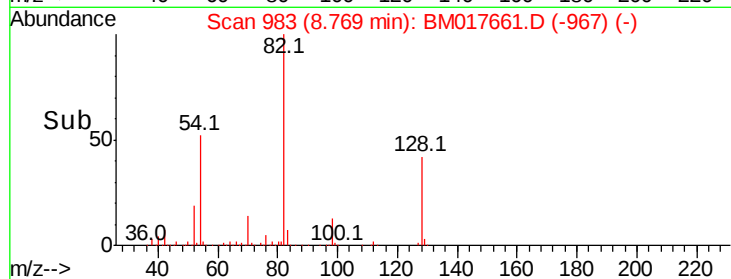
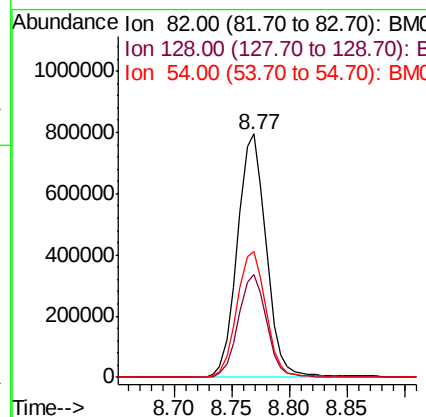
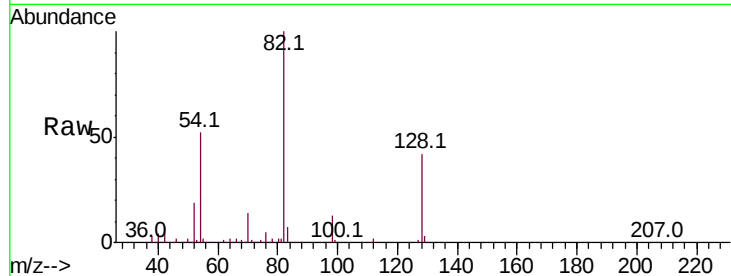


#23
 Nitrobenzene-d5
 Concen: 76.410 ng
 RT: 8.77 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BM017661.D
 Acq: 14 Nov 2018 23:28

Instrument :
 BNA_M
 ClientSampleId :
 PB114805BL

Tot Ion: 82 Resp: 1379406

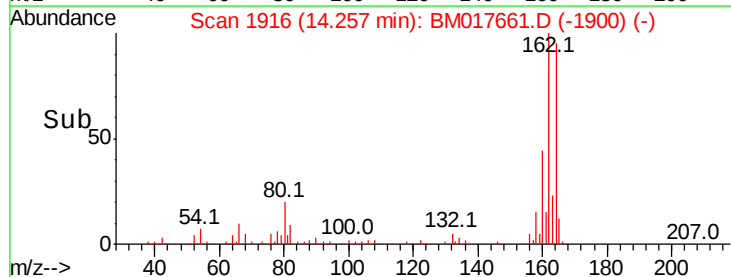
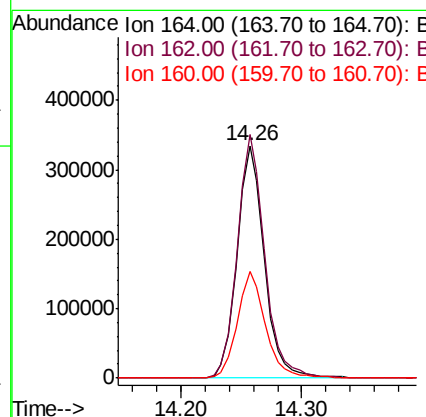
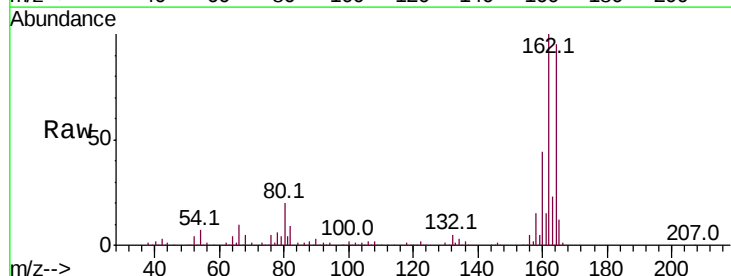
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.0	49.4
54	51.9	41.4	62.2

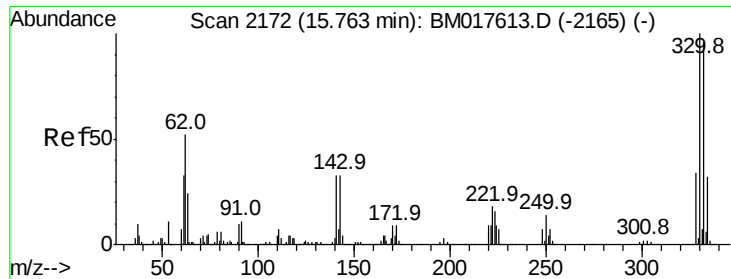


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM017661.D
 Acq: 14 Nov 2018 23:28

Tgt Ion:164 Resp: 526226

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.4	122.0
160	45.8	35.6	53.4

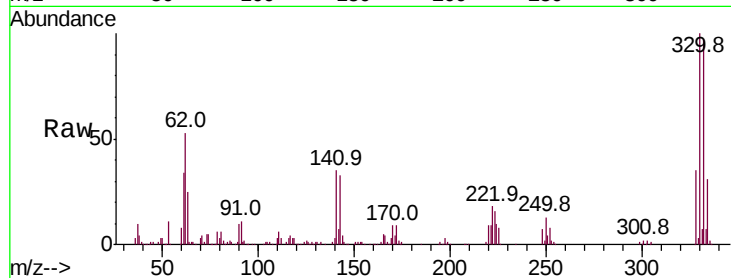




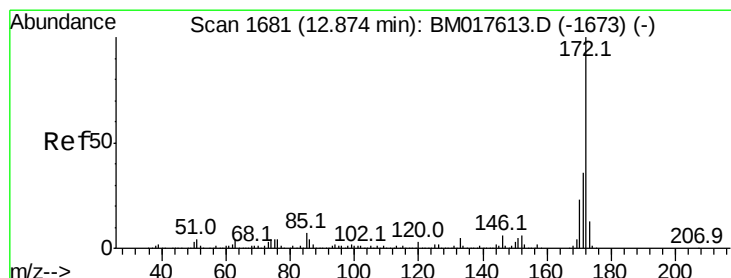
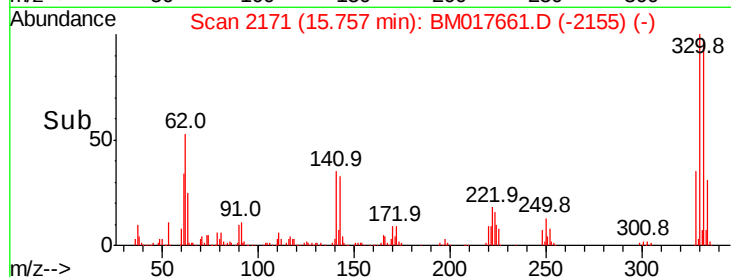
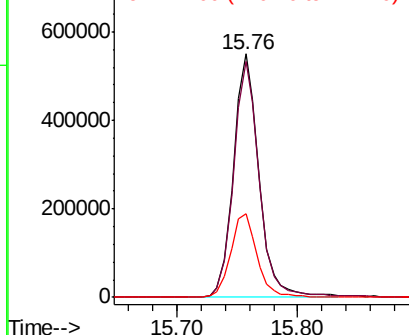
#42
 2,4,6-Tribromophenol
 Concen: 107.343 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM017661.D
 Acq: 14 Nov 2018 23:28

Instrument :
 BNA_M
 ClientSampleId :
 PB114805BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.9	116.9
141	35.5	27.5	41.3

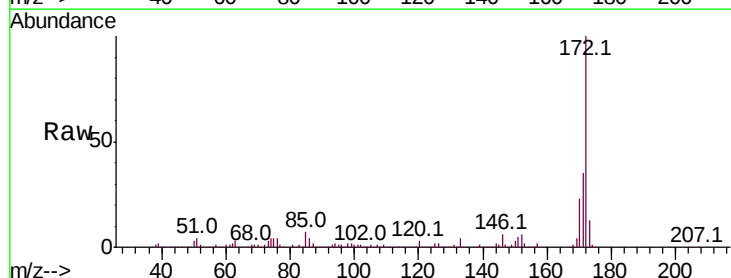


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

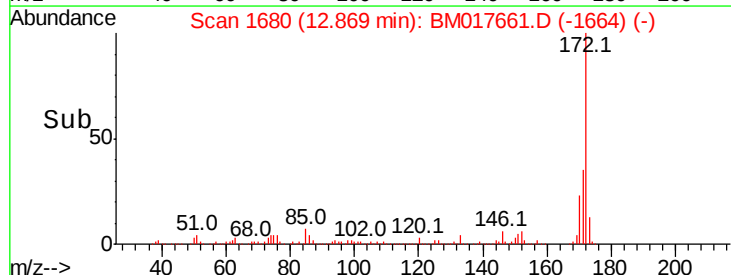
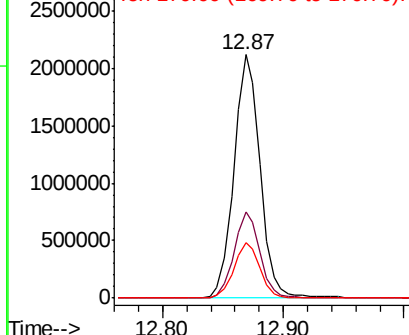


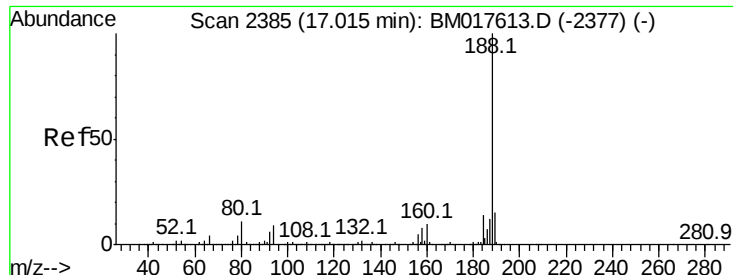
#45
 2-Fluorobiphenyl
 Concen: 78.790 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM017661.D
 Acq: 14 Nov 2018 23:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	23.0	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

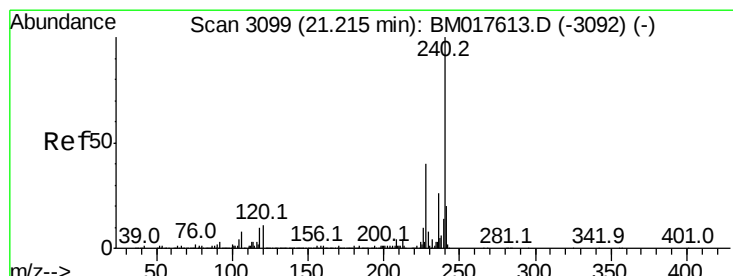
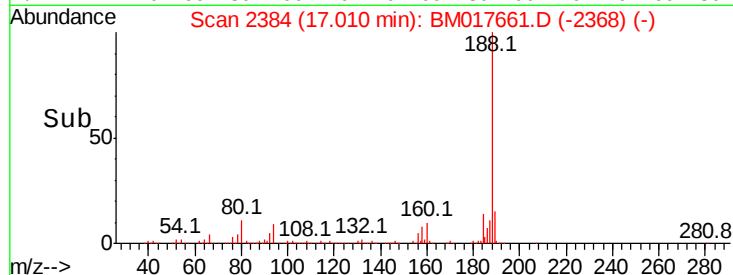
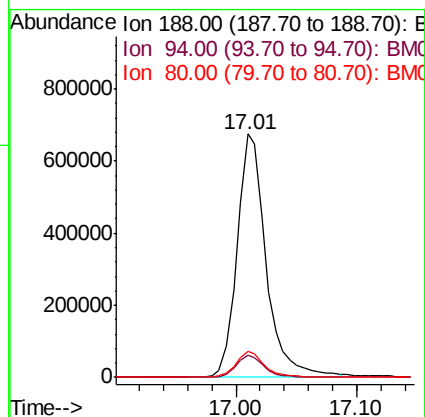
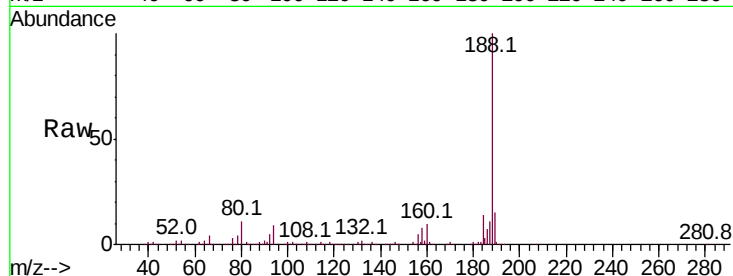




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017661.D
Acq: 14 Nov 2018 23:28

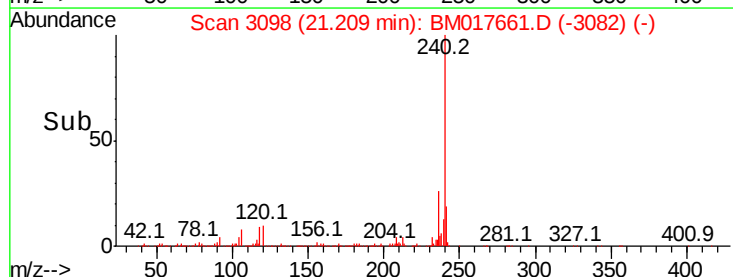
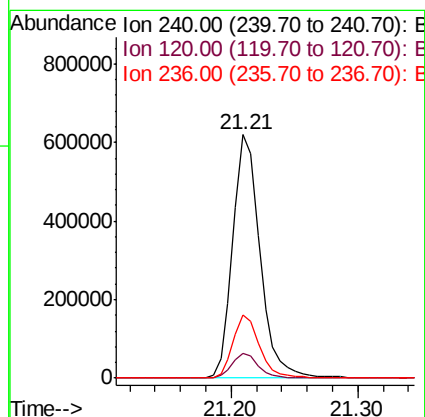
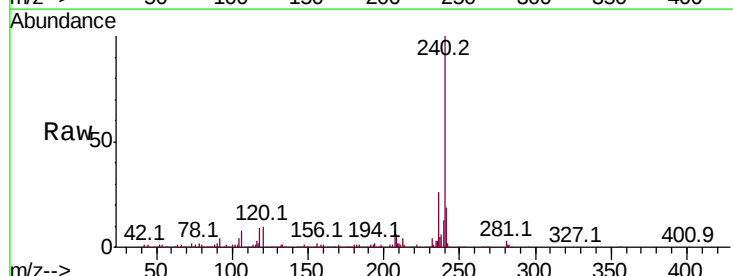
Instrument :
BNA_M
ClientSampleId :
PB114805BL

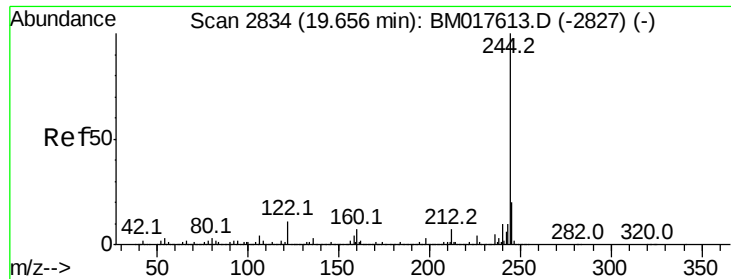
Tot Ion:188 Resp: 1131236
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 10.5 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.21 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM017661.D
Acq: 14 Nov 2018 23:28

Tgt Ion:240 Resp: 923176
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.7 20.4 30.6





#79

Terphenyl-d14

Concen: 102.168 ng

RT: 19.65 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM017661.D

Acq: 14 Nov 2018 23:28

Instrument :

BNA_M

ClientSampleId :

PB114805BL

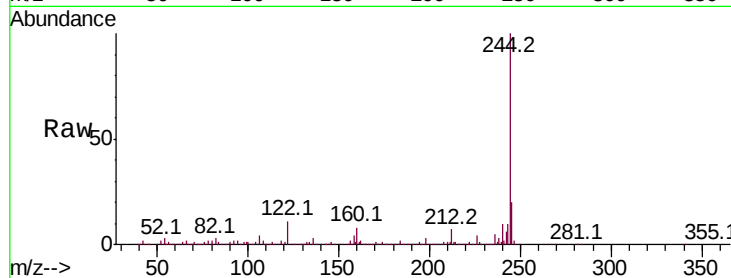
Tot Ion:244 Resp: 4161603

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

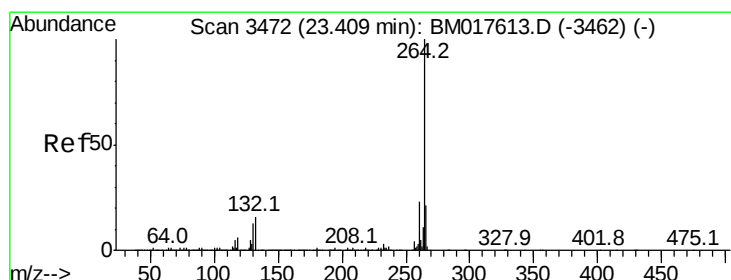
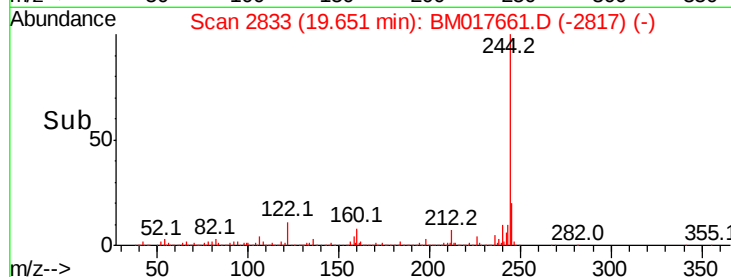
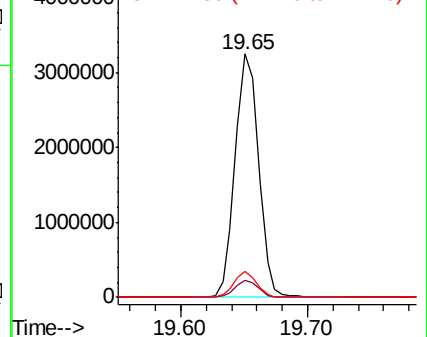
122 10.6 9.0 13.6



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: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017661.D

Acq: 14 Nov 2018 23:28

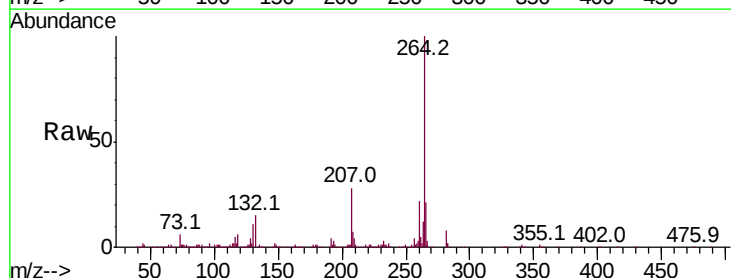
Tgt Ion:264 Resp: 749168

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.2

265 21.3 17.5 26.3



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

