

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM113018\
 Data File : BM017820.D
 Acq On : 30 Nov 2018 12:35
 Operator : JU/SJ
 Sample : J6129-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 30 13:27:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 30 13:21:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	221253	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	947525	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	551911	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1206359	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1116704	20.00	ng	0.00
87) Perylene-d12	23.38	264	952213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	508799	38.81	ng	0.00
7) Phenol-d6	6.77	99	399256	21.81	ng	0.00
23) Nitrobenzene-d5	8.75	82	1697045	92.46	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	696127	87.78	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	4080959	95.93	ng	0.00
79) Terphenyl-d14	19.64	244	5682553	115.33	ng	0.00

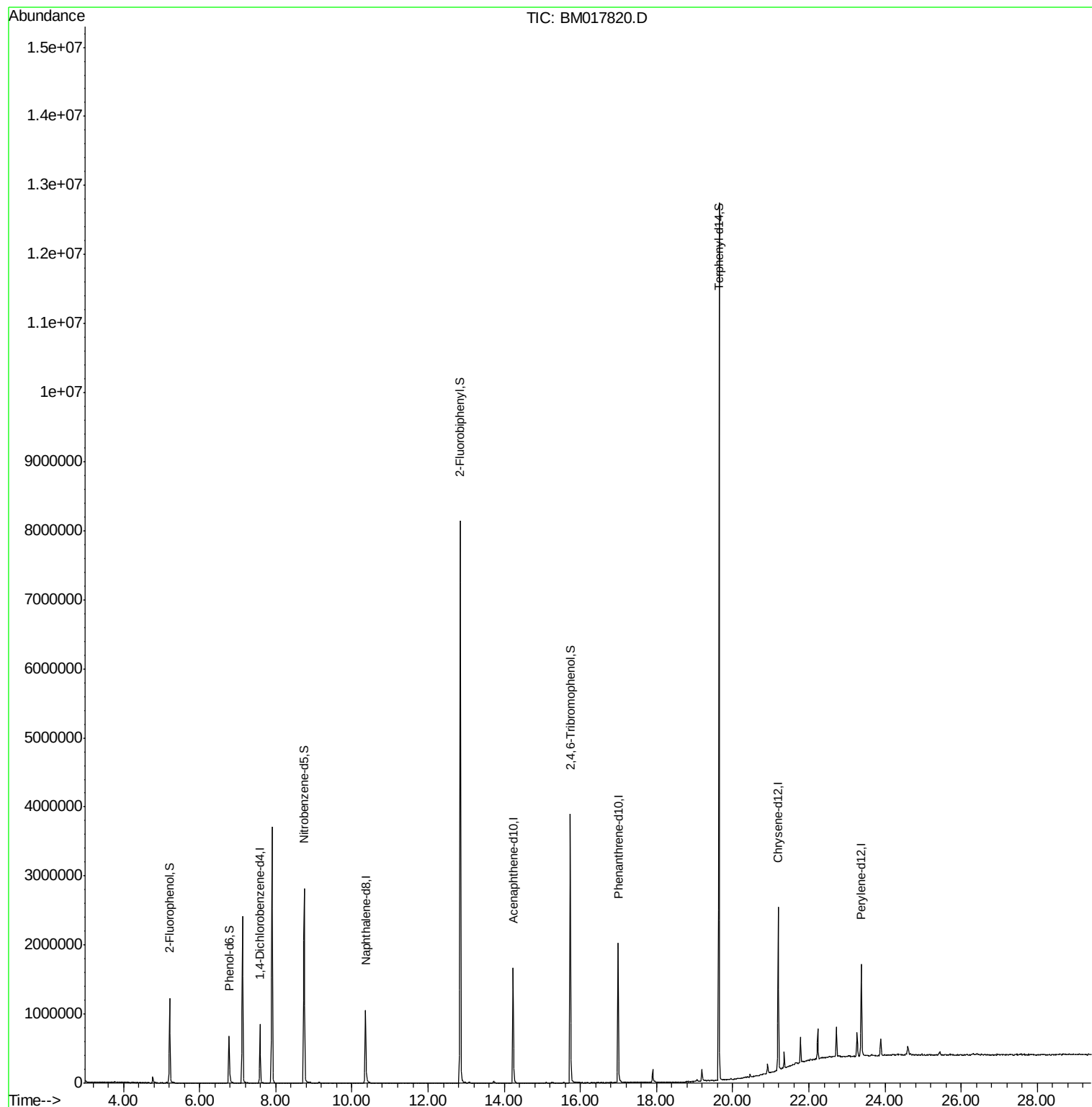
Target Compounds Qvalue

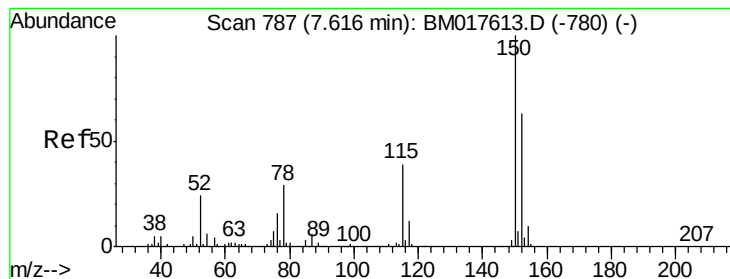
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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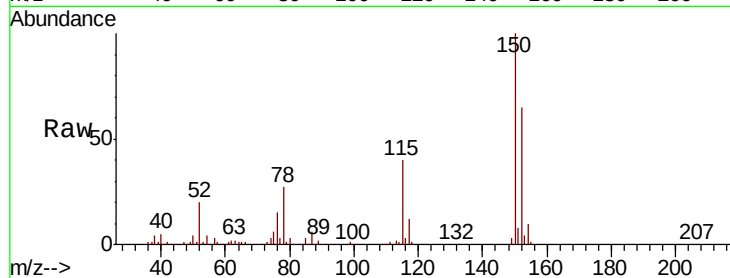


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 782
Delta R.T. 0.00 min
Lab File: BM017820.D
Acq: 30 Nov 2018 12:35

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.4	189.6
115	62.1	49.4	74.0

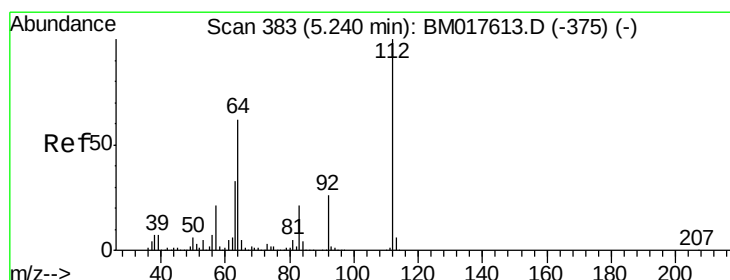
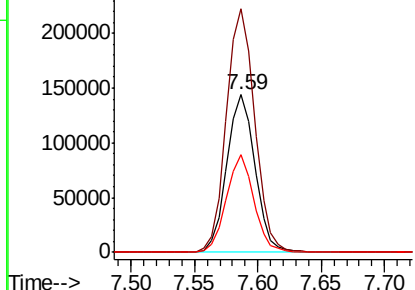
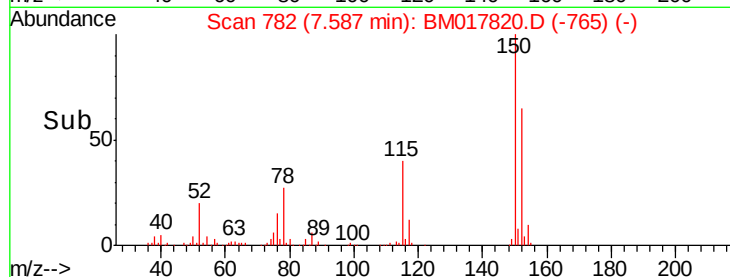


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

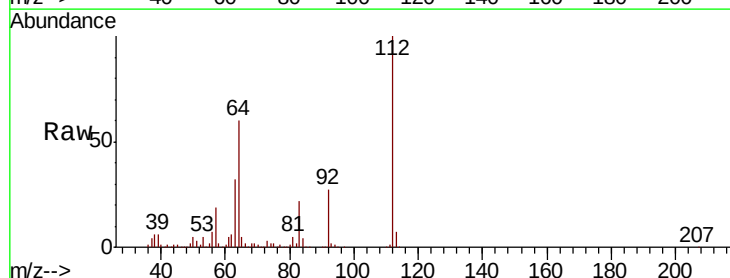
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.810 ng
RT: 5.21 min Scan# 378
Delta R.T. 0.00 min
Lab File: BM017820.D
Acq: 30 Nov 2018 12:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	49.3	73.9
63	32.2	26.2	39.4

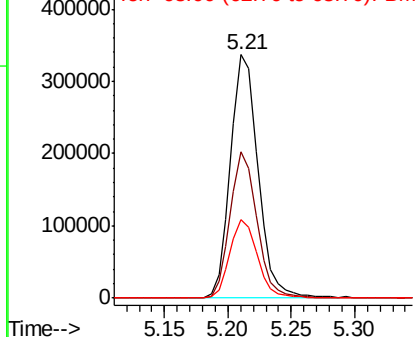
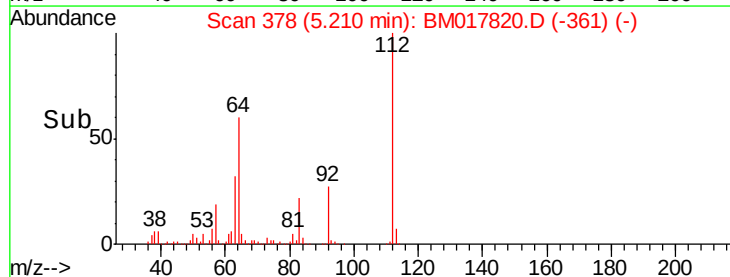


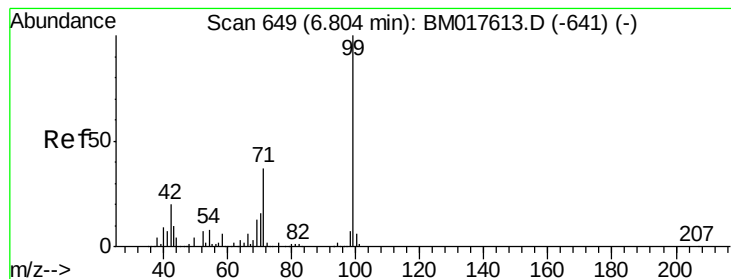
Abundance

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: 21.805 ng

RT: 6.77 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM017820.D

Acq: 30 Nov 2018 12:35

Instrument :

BNA_M

ClientSampleId :

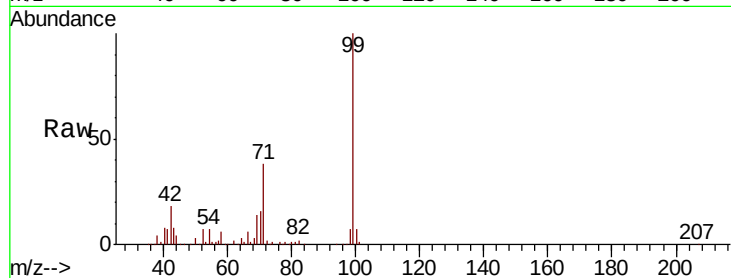
Tot Ion: 99 Resp: 399256

Ion Ratio Lower Upper

99 100

42 18.1 16.3 24.5

71 37.6 29.8 44.8

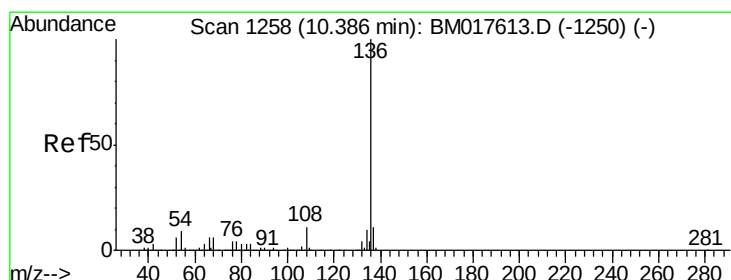
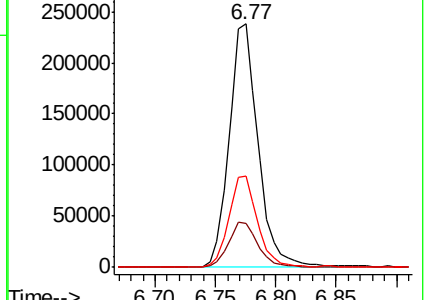
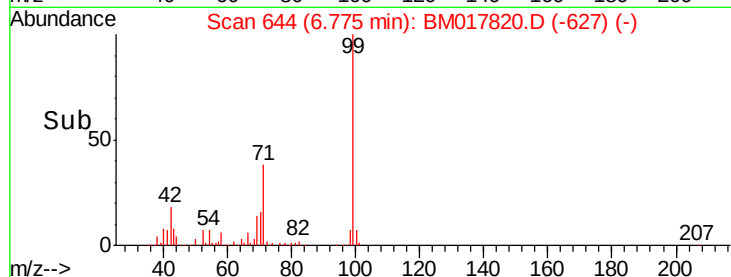


Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BM017820.D

Acq: 30 Nov 2018 12:35

Tgt Ion: 136 Resp: 947525

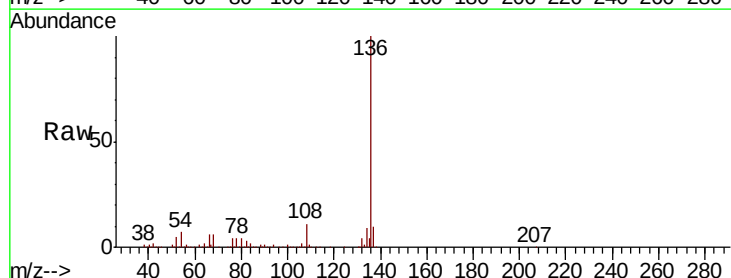
Ion Ratio Lower Upper

136 100

137 10.3 8.6 12.8

54 7.2 7.0 10.6

68 5.6 4.9 7.3



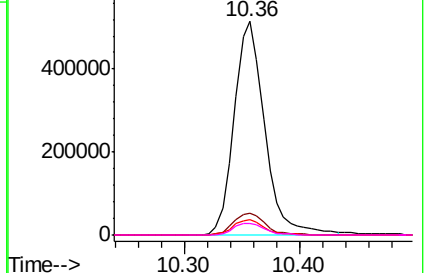
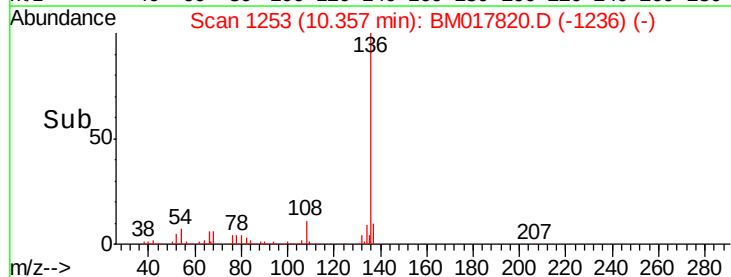
Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

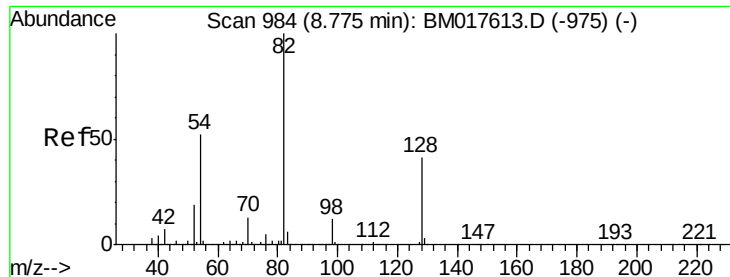
Ion 137.00 (136.70 to 137.70): BM017613.D (-1250) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-1250) (-)

Ion 68.00 (67.70 to 68.70): BM017613.D (-1250) (-)

Time-->

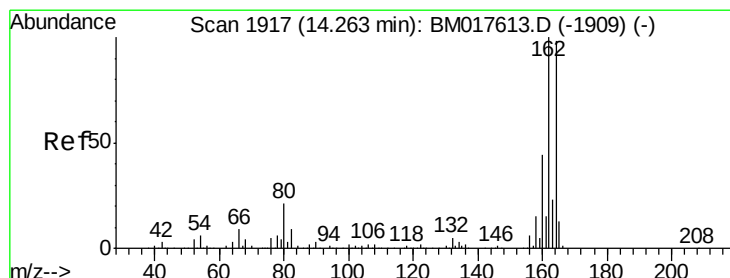
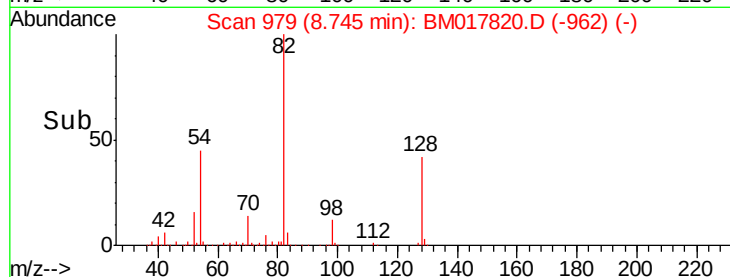
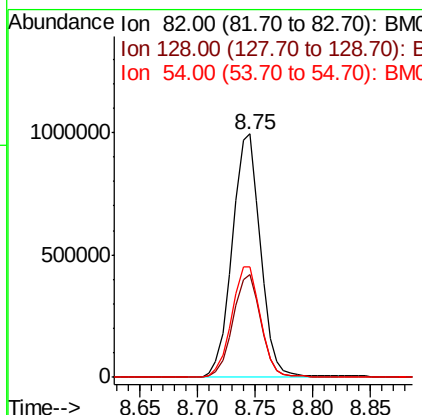
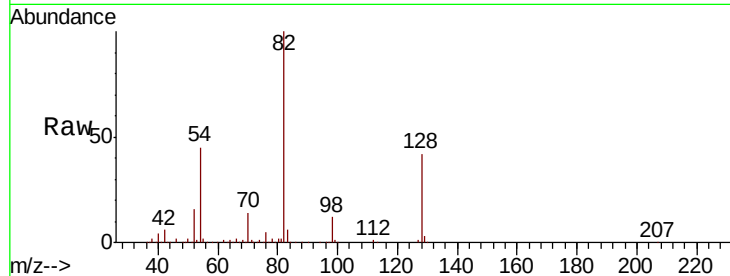




#23
Nitrobenzene-d5
Concen: 92.462 ng
RT: 8.75 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM017820.D
Acq: 30 Nov 2018 12:35

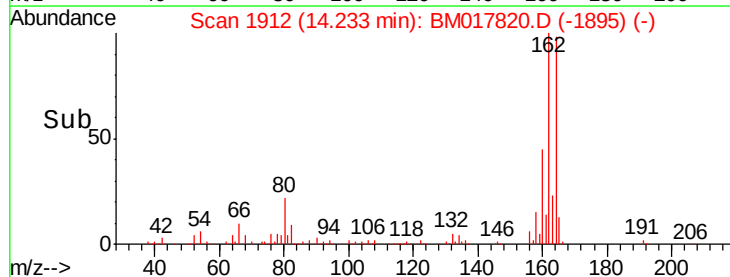
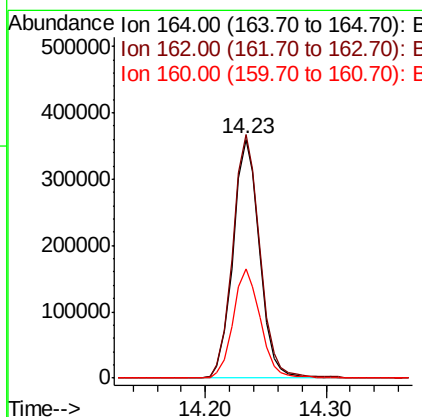
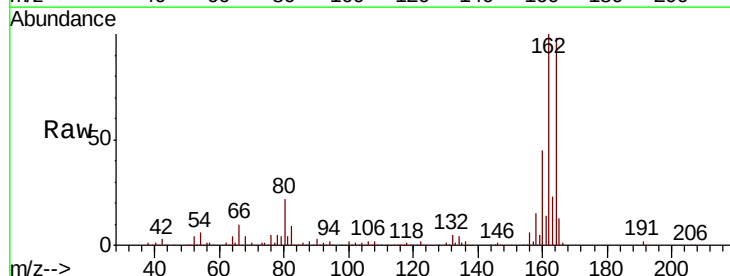
Instrument :
BNA_M
ClientSampled :

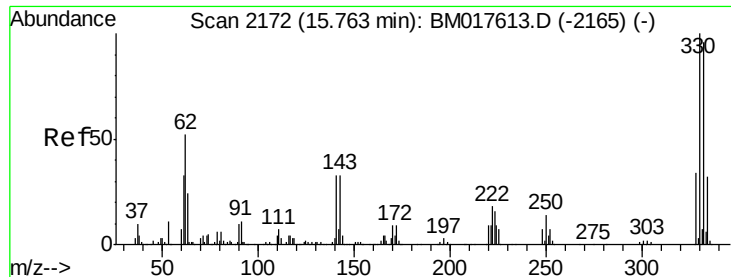
Tot Ion: 82 Resp: 1697045
Ion Ratio Lower Upper
82 100
128 42.0 33.0 49.4
54 45.3 41.4 62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM017820.D
Acq: 30 Nov 2018 12:35

Tgt Ion:164 Resp: 551911
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 45.7 35.6 53.4

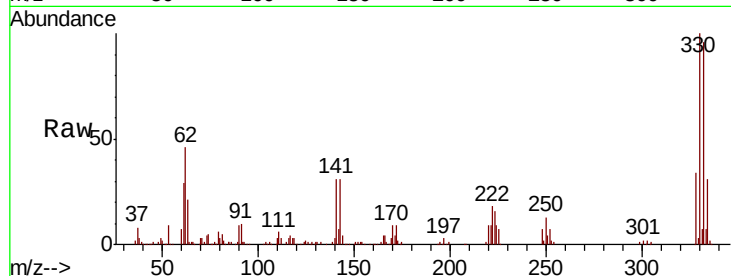




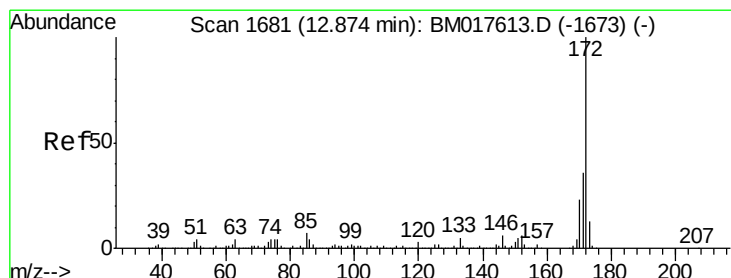
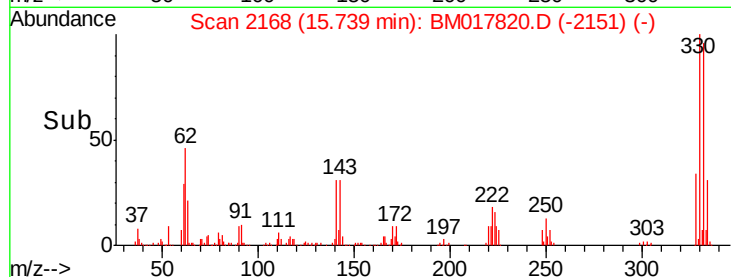
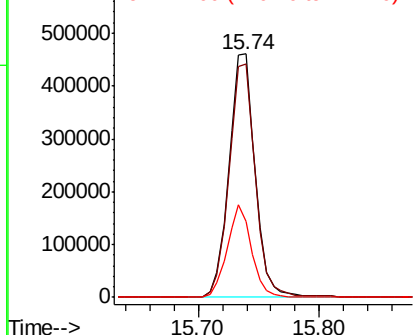
#42
 2,4,6-Tribromophenol
 Concen: 87.782 ng
 RT: 15.74 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BM017820.D
 Acq: 30 Nov 2018 12:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 696127
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.9 116.9
 141 35.4 27.5 41.3

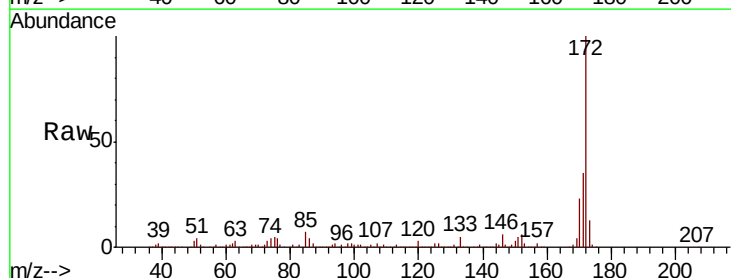


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

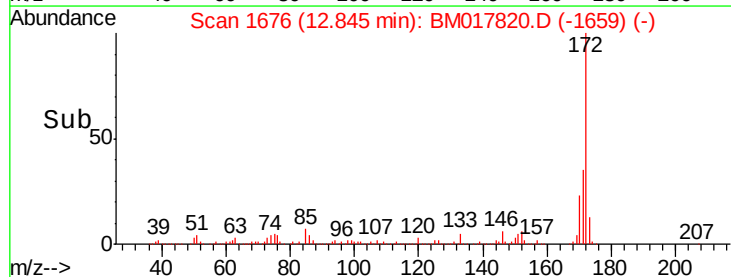
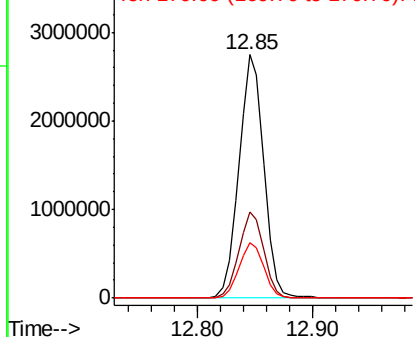


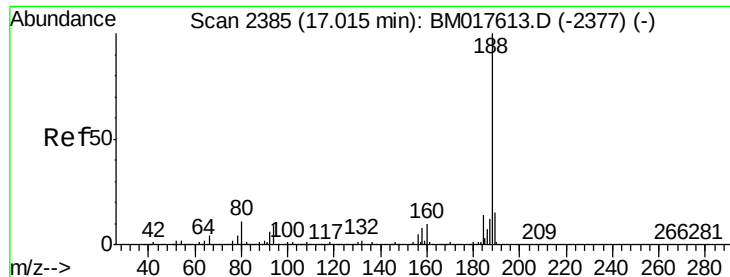
#45
 2-Fluorobiphenyl
 Concen: 95.928 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: BM017820.D
 Acq: 30 Nov 2018 12:35

Tgt Ion:172 Resp: 4080959
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.7 43.1
 170 22.9 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

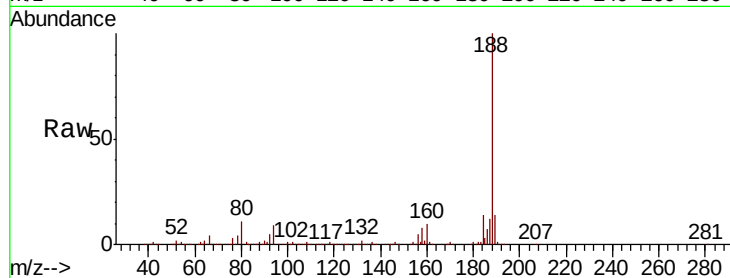




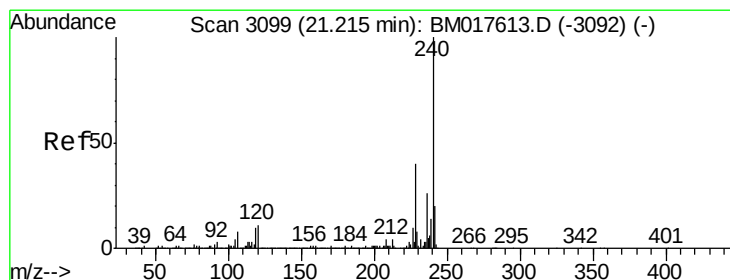
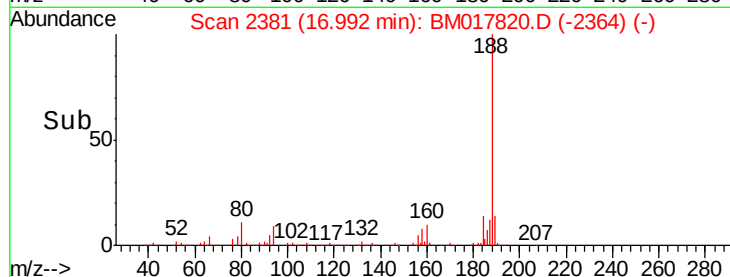
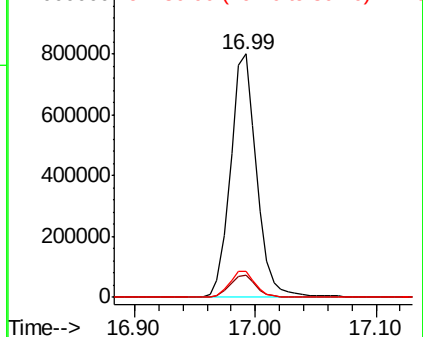
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BM017820.D
Acq: 30 Nov 2018 12:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 1206359
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 10.7 8.6 13.0

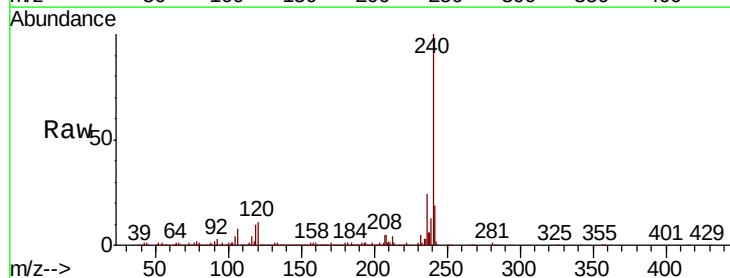


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

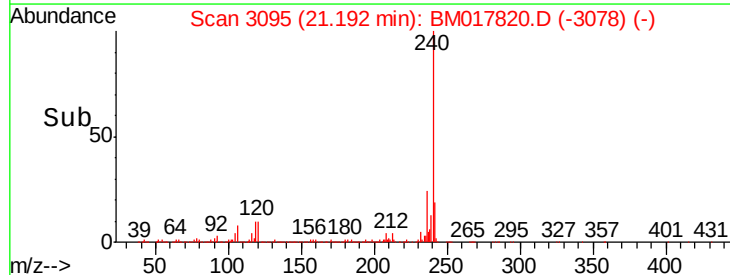
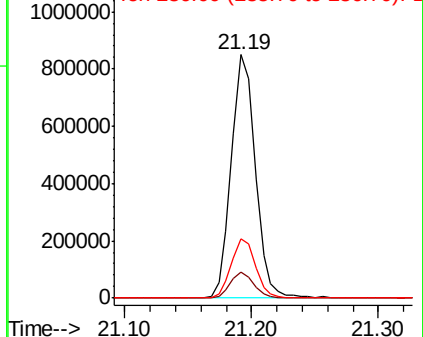


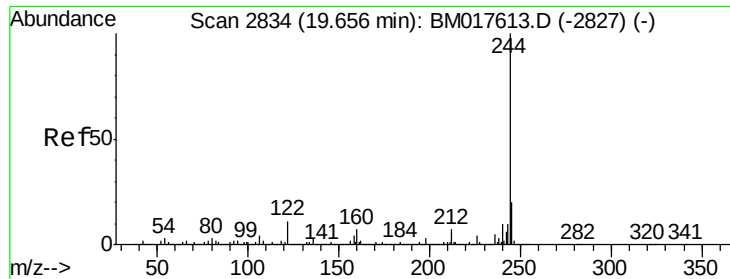
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BM017820.D
Acq: 30 Nov 2018 12:35

Tgt Ion:240 Resp: 1116704
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 24.5 20.4 30.6



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





#79

Terphenyl-d14

Concen: 115.331 ng

RT: 19.64 min Scan# 2831

Delta R.T. 0.01 min

Lab File: BM017820.D

Acq: 30 Nov 2018 12:35

Instrument :

BNA_M

ClientSampleId :

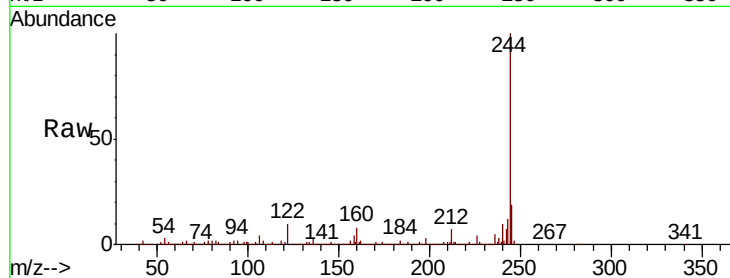
Tot Ion:244 Resp: 5682553

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

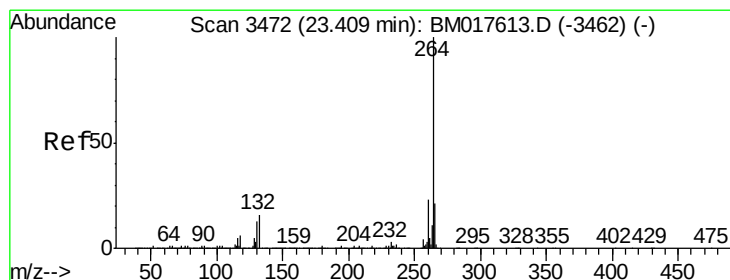
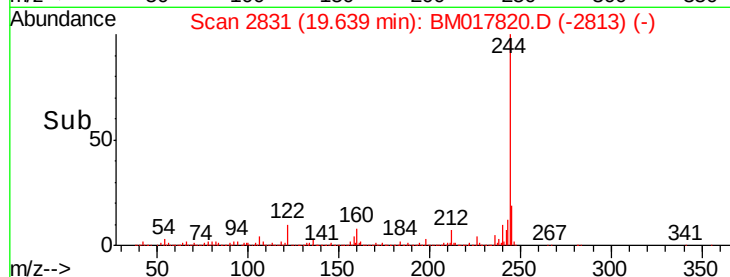
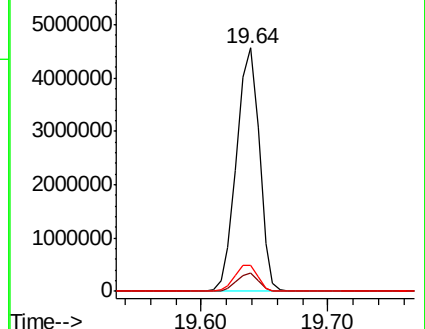
122 10.5 9.0 13.6



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: 23.38 min Scan# 3467

Delta R.T. 0.00 min

Lab File: BM017820.D

Acq: 30 Nov 2018 12:35

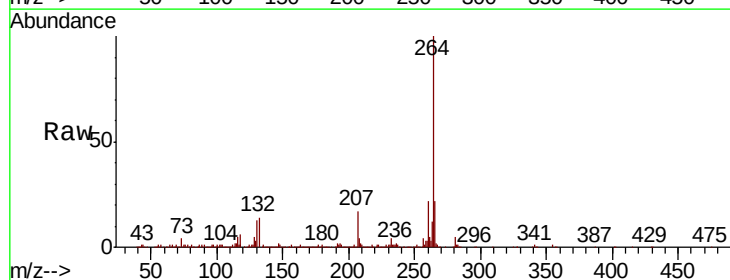
Tgt Ion:264 Resp: 952213

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.2

265 21.7 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

