

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
 Data File : BM017676.D
 Acq On : 16 Nov 2018 12:30
 Operator : MJ/SJ
 Sample : J5958-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 16 13:33:54 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	214182	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	851670	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	499431	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1157189	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1112343	20.00	ng	0.00
87) Perylene-d12	23.41	264	966890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	469345	36.98	ng	0.00
7) Phenol-d6	6.79	99	358552	20.23	ng	-0.01
23) Nitrobenzene-d5	8.77	82	1545048	93.66	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	580024	80.83	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3591333	93.29	ng	0.00
79) Terphenyl-d14	19.66	244	4351001	88.65	ng	0.00

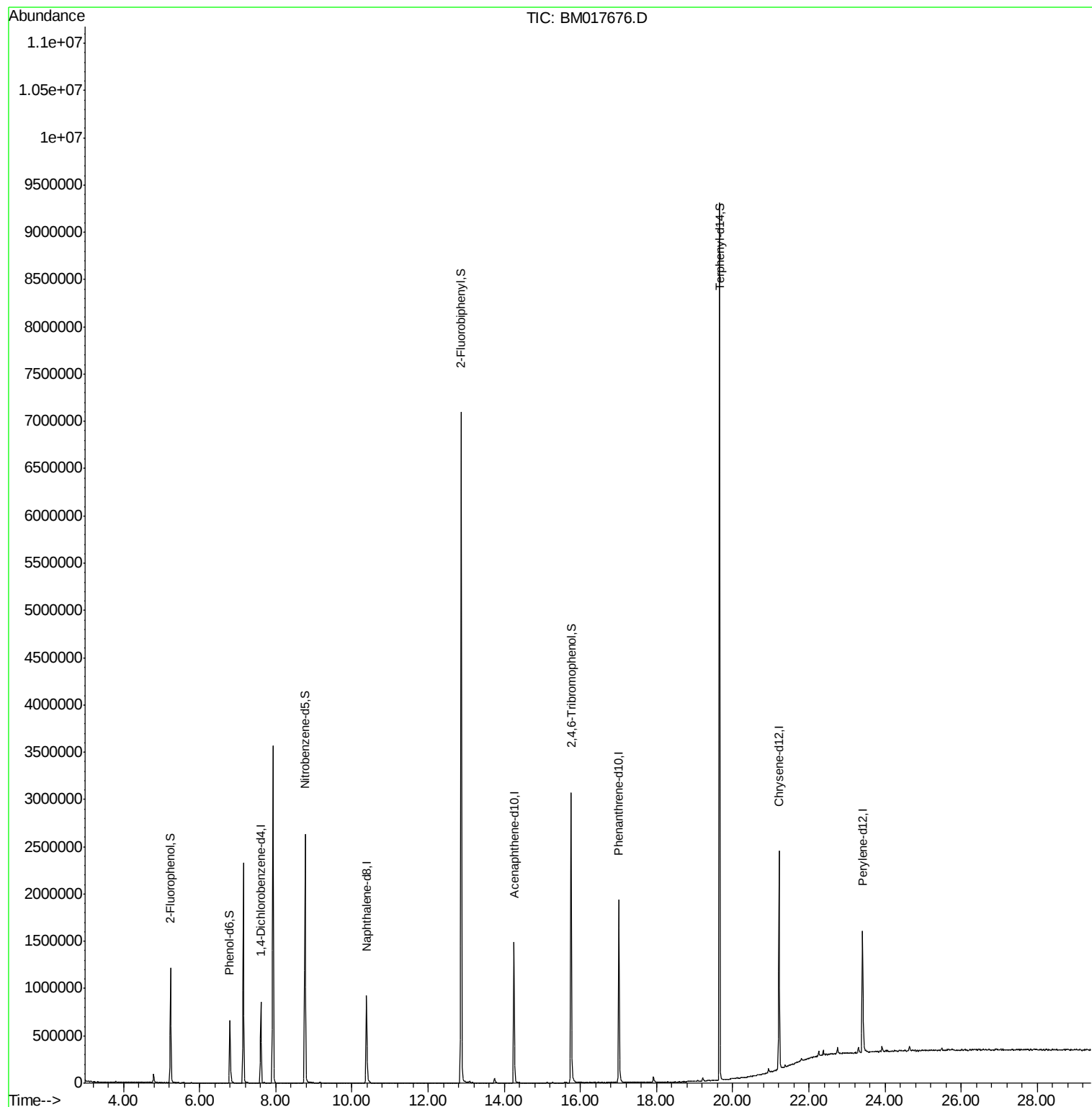
Target Compounds Qvalue

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

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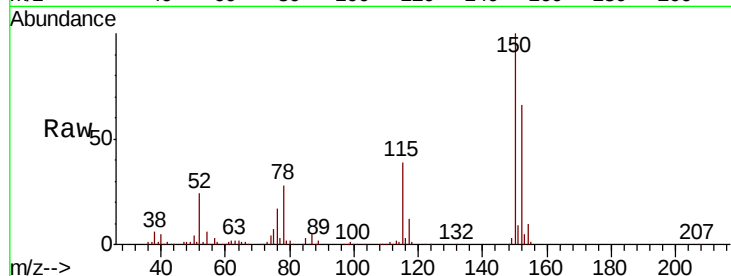


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017676.D
Acq: 16 Nov 2018 12:30

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	126.4	189.6
115	59.4	49.4	74.0

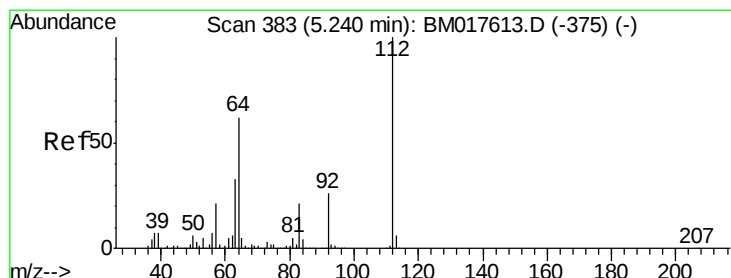
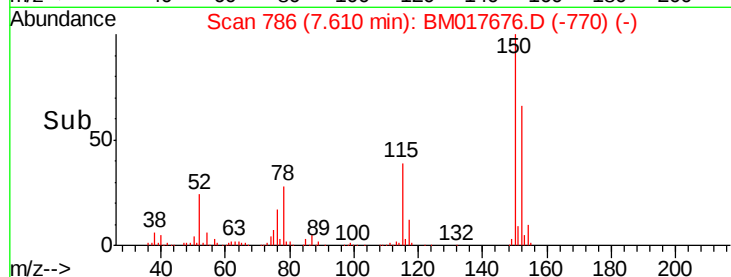
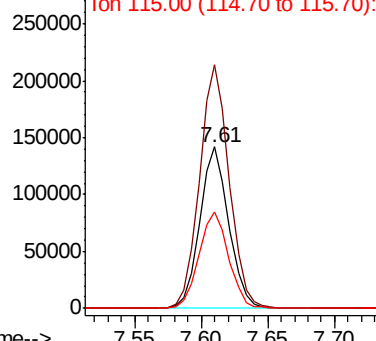


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

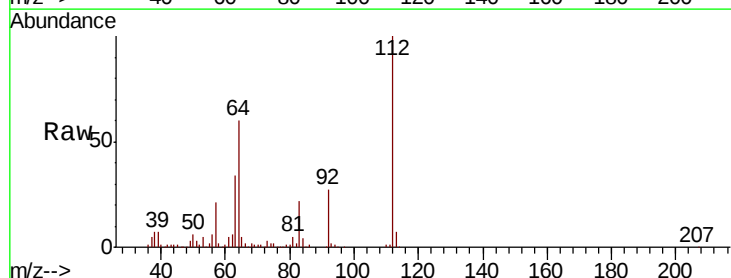
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 36.982 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.01 min
Lab File: BM017676.D
Acq: 16 Nov 2018 12:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	49.3	73.9
63	33.8	26.2	39.4

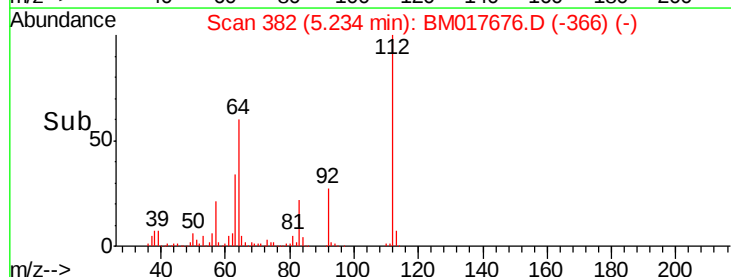
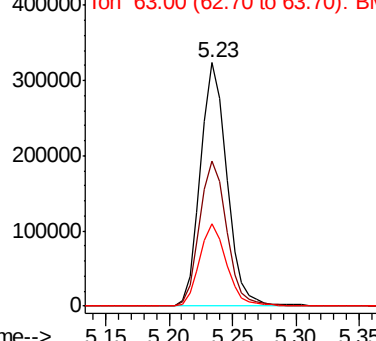


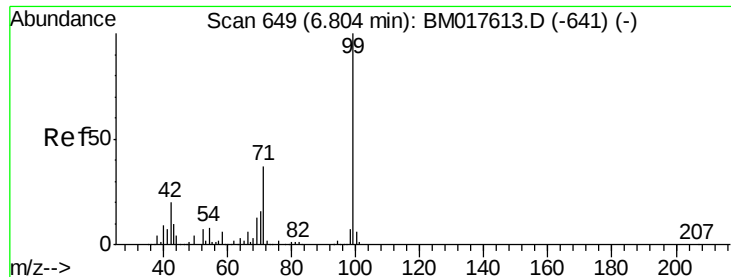
Abundance

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: 20.229 ng

RT: 6.79 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM017676.D

Acq: 16 Nov 2018 12:30

Instrument :

BNA_M

ClientSampled :

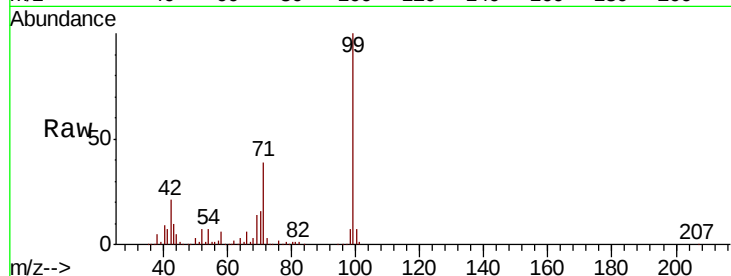
Tot Ion: 99 Resp: 358552

Ion Ratio Lower Upper

99 100

42 20.8 16.3 24.5

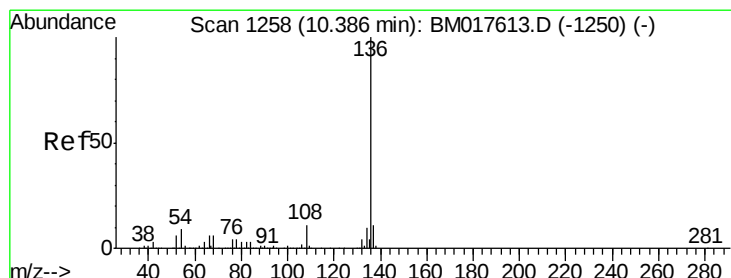
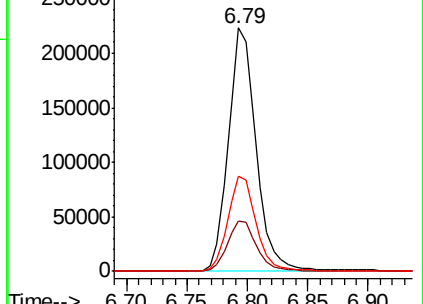
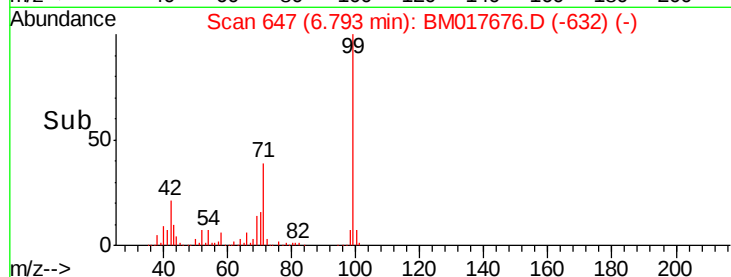
71 39.3 29.8 44.8



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM017676.D

Acq: 16 Nov 2018 12:30

Tgt Ion: 136 Resp: 851670

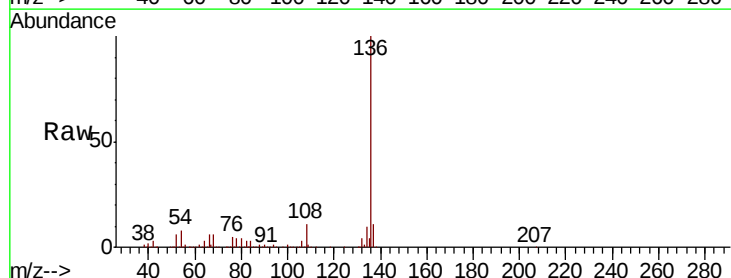
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 8.1 7.0 10.6

68 5.9 4.9 7.3

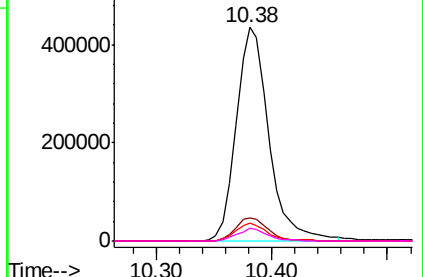
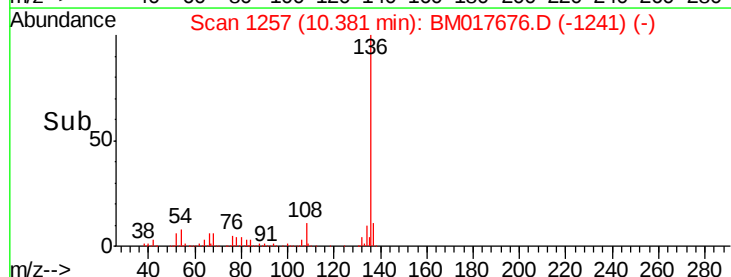


Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

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) (-)

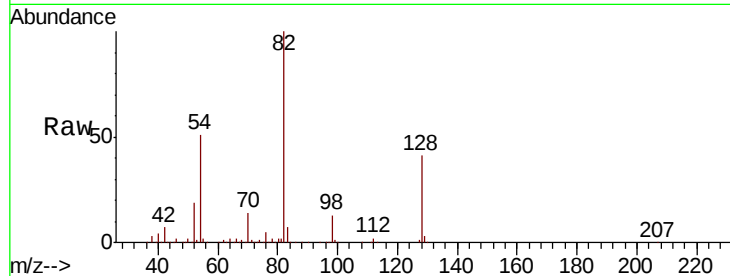




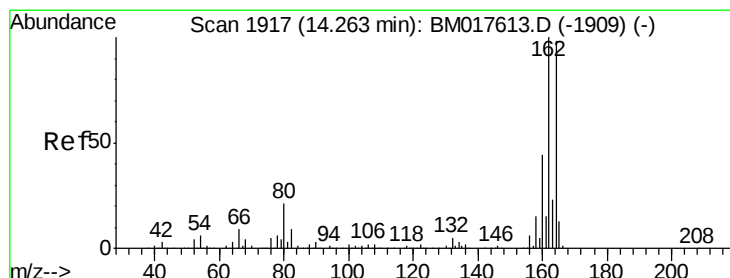
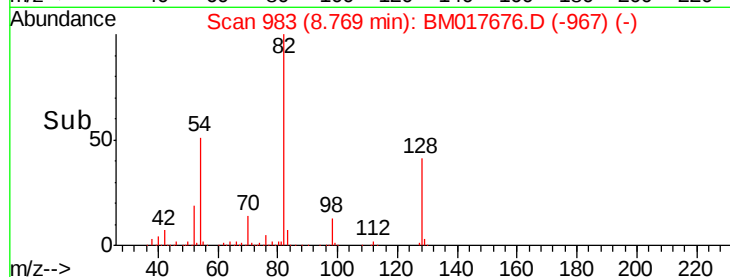
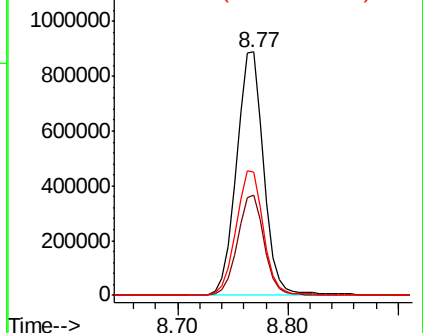
#23
Nitrobenzene-d5
Concen: 93.655 ng
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM017676.D
Acq: 16 Nov 2018 12:30

Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 1545048
Ion Ratio Lower Upper
82 100
128 41.4 33.0 49.4
54 50.6 41.4 62.2

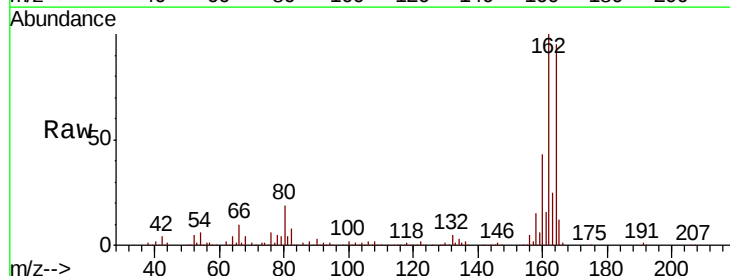


Abundance Ion 82.00 (81.70 to 82.70): BM017613.D (-975) (-)
Ion 128.00 (127.70 to 128.70): BM017613.D (-975) (-)
Ion 54.00 (53.70 to 54.70): BM017613.D (-975) (-)

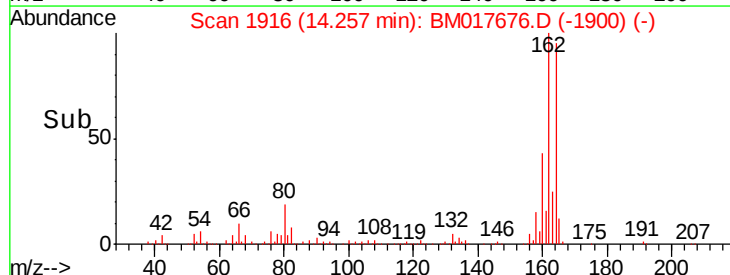
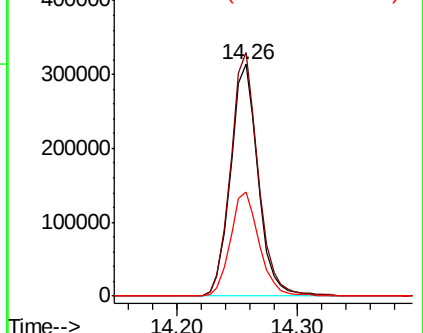


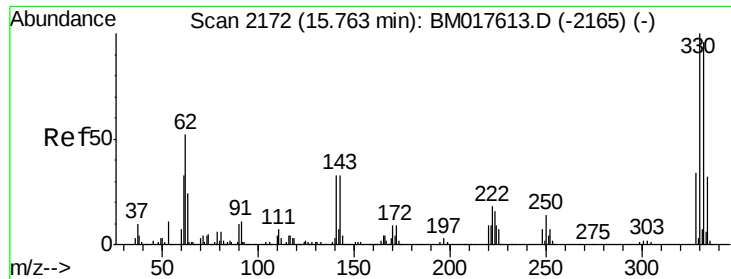
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM017676.D
Acq: 16 Nov 2018 12:30

Tgt Ion: 164 Resp: 499431
Ion Ratio Lower Upper
164 100
162 105.0 81.4 122.0
160 45.0 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): BM017613.D (-1909) (-)
Ion 162.00 (161.70 to 162.70): BM017613.D (-1909) (-)
Ion 160.00 (159.70 to 160.70): BM017613.D (-1909) (-)

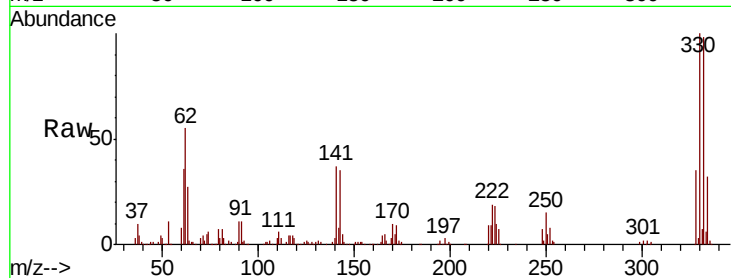




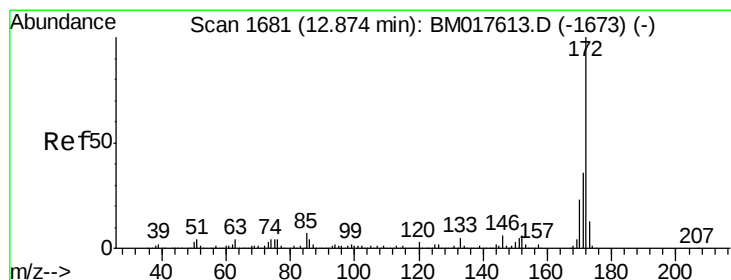
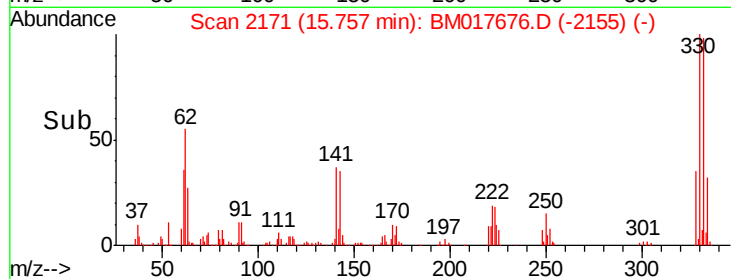
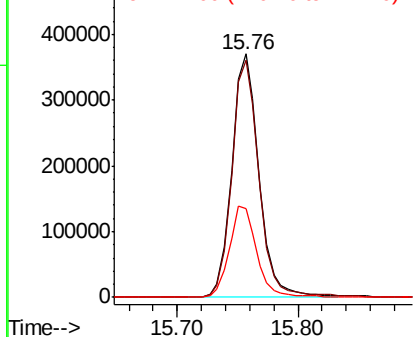
#42
 2,4,6-Tribromophenol
 Concen: 80.827 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM017676.D
 Acq: 16 Nov 2018 12:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 580024
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.9 116.9
 141 37.9 27.5 41.3

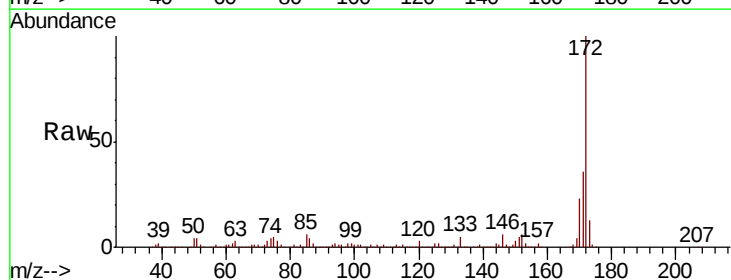


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

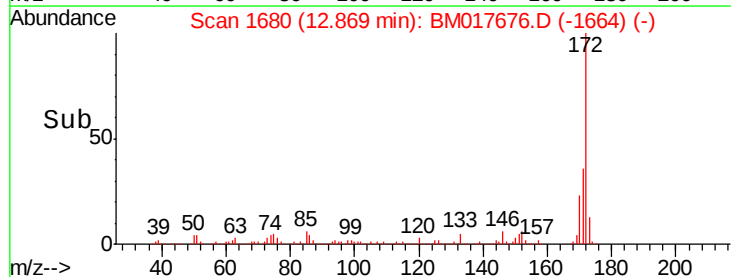
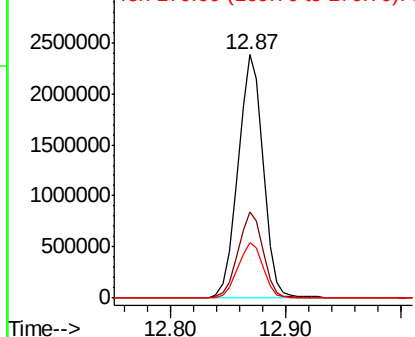


#45
 2-Fluorobiphenyl
 Concen: 93.289 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM017676.D
 Acq: 16 Nov 2018 12:30

Tgt Ion:172 Resp: 3591333
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.7 43.1
 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

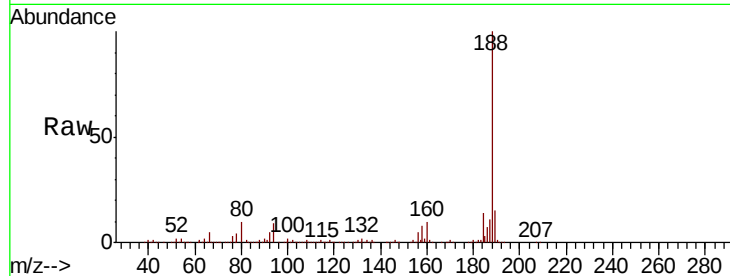




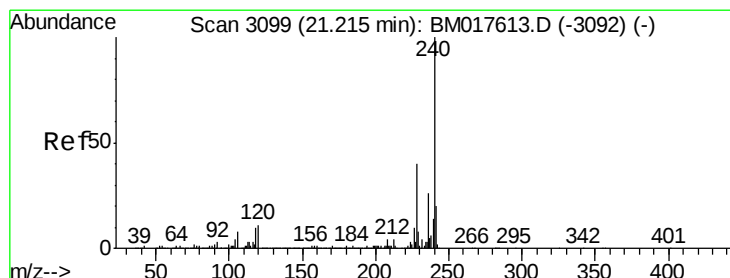
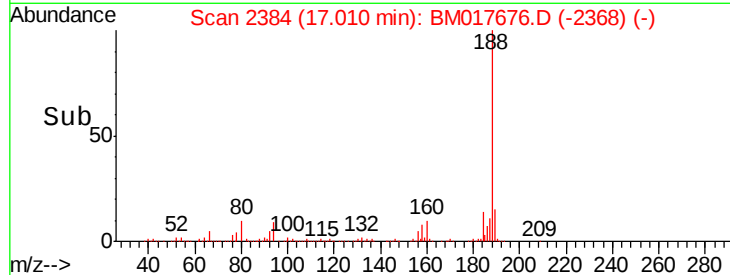
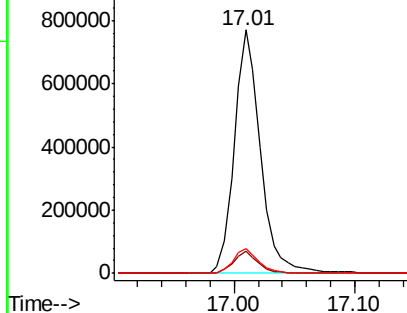
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017676.D
Acq: 16 Nov 2018 12:30

Instrument :
BNA_M
ClientSampled :

Tot Ion:188 Resp: 1157189
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 10.1 8.6 13.0

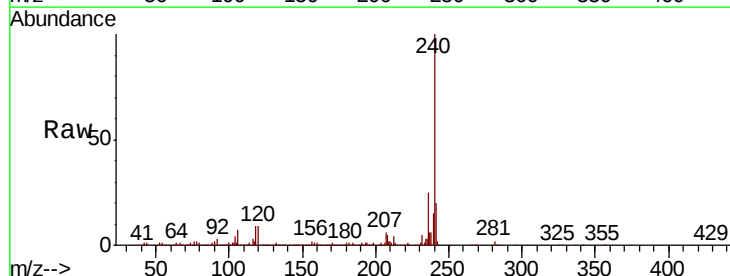


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

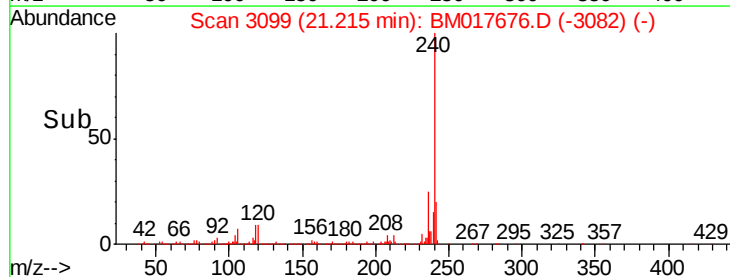
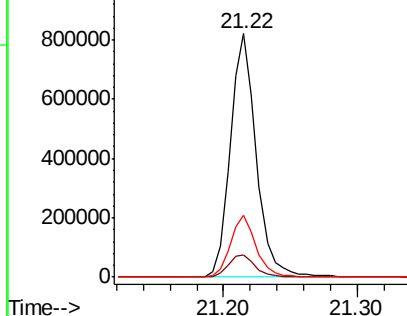


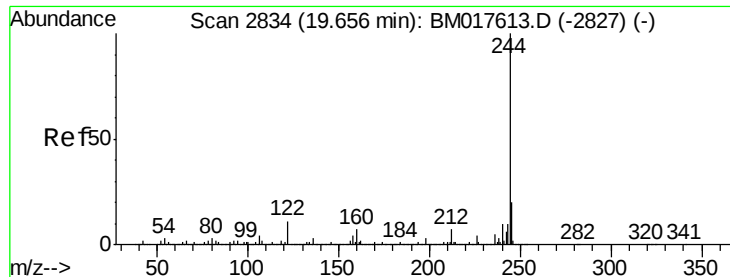
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM017676.D
Acq: 16 Nov 2018 12:30

Tgt Ion:240 Resp: 1112343
Ion Ratio Lower Upper
240 100
120 9.2 8.5 12.7
236 25.5 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: 88.652 ng

RT: 19.66 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BM017676.D

Acq: 16 Nov 2018 12:30

Instrument :

BNA_M

ClientSampled :

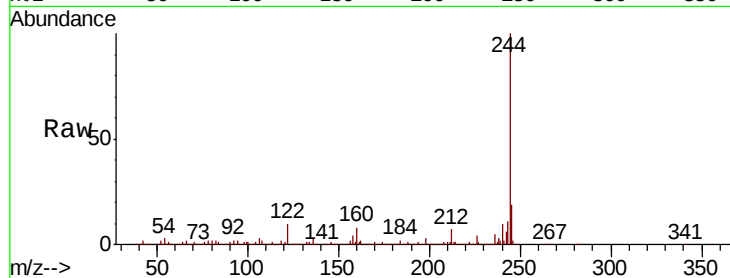
Tot Ion:244 Resp: 4351001

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

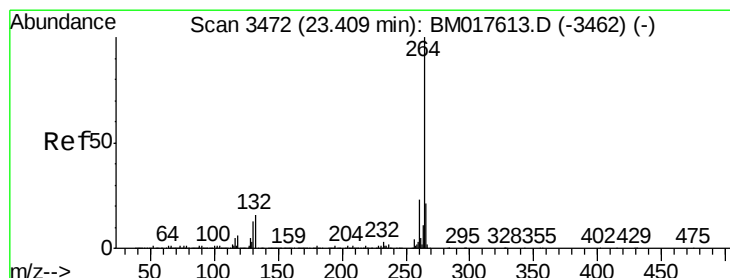
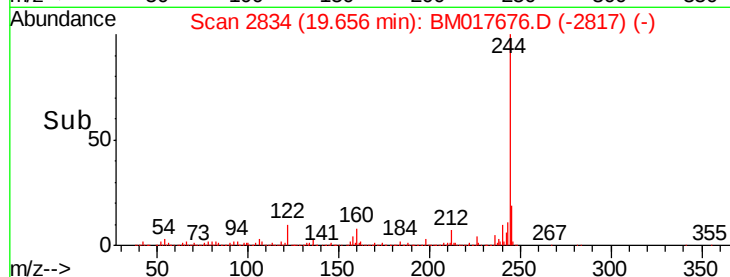
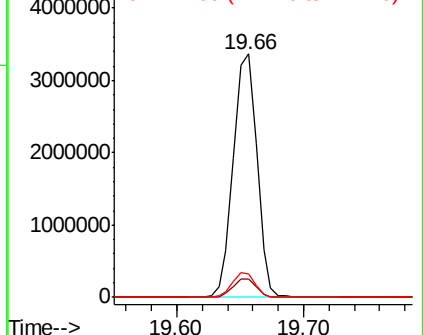
122 9.6 9.0 13.6



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: 23.41 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BM017676.D

Acq: 16 Nov 2018 12:30

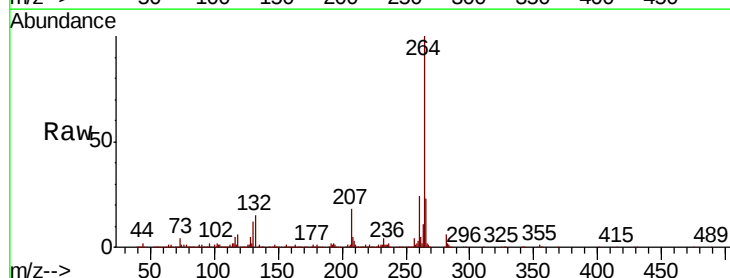
Tgt Ion:264 Resp: 966890

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 22.5 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

