

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
 Data File : BM017677.D
 Acq On : 16 Nov 2018 13:06
 Operator : MJ/SJ
 Sample : J5958-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 16 15:52:45 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	188711	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	752460	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	442410	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1033792	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1065067	20.00	ng	0.00
87) Perylene-d12	23.40	264	934034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	370882	33.17	ng	0.00
7) Phenol-d6	6.79	99	283436	18.15	ng	-0.01
23) Nitrobenzene-d5	8.76	82	1253404	85.99	ng	-0.01
42) 2,4,6-Tribromophenol	15.76	330	469739	73.90	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2931650	85.97	ng	0.00
79) Terphenyl-d14	19.66	244	3708820	78.92	ng	0.00

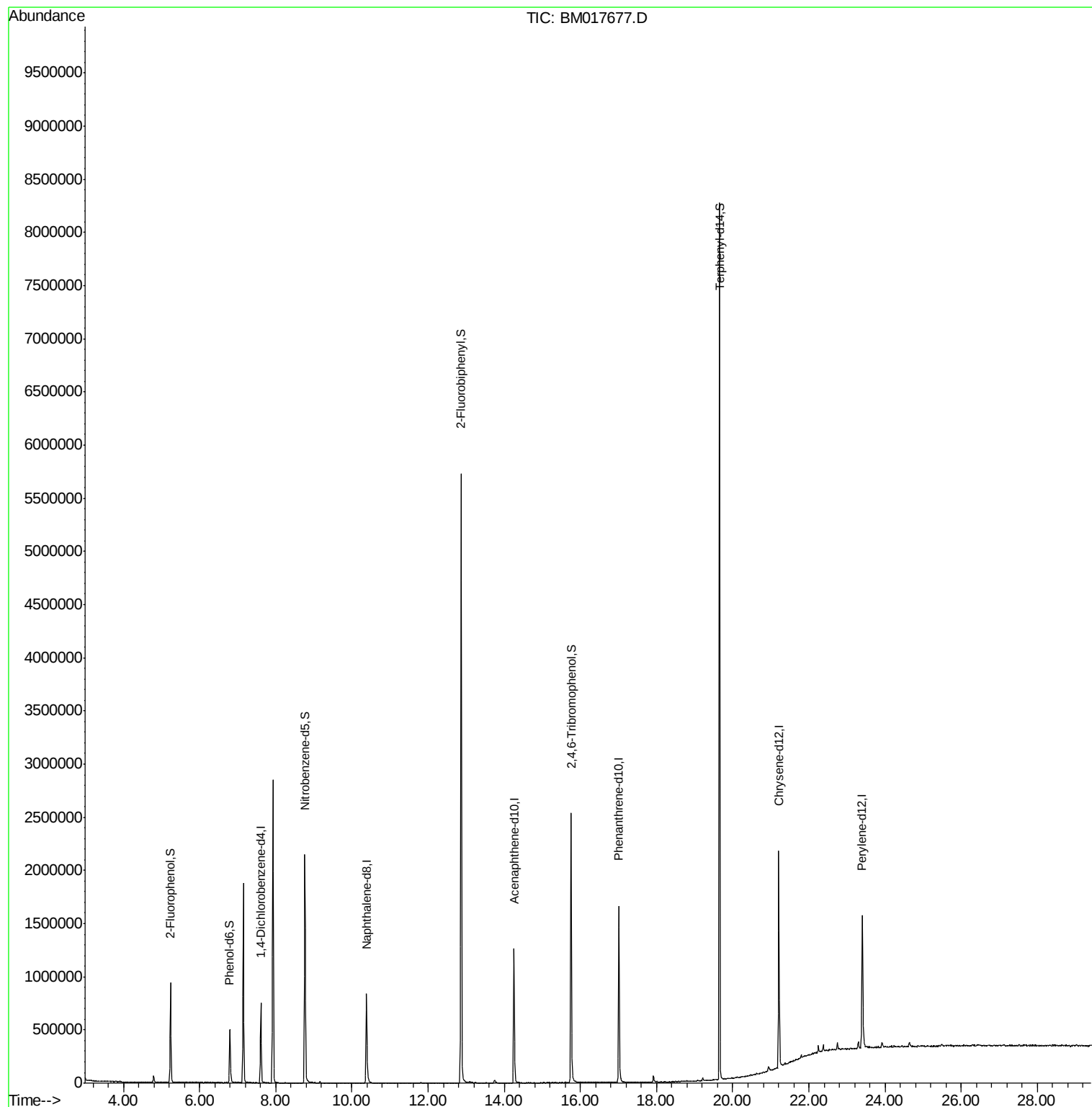
Target Compounds Qvalue

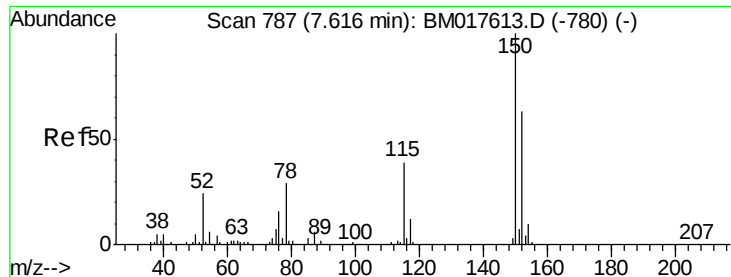
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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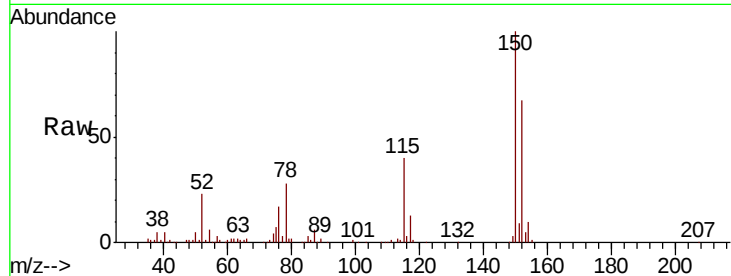


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017677.D
Acq: 16 Nov 2018 13:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	126.4	189.6
115	59.7	49.4	74.0

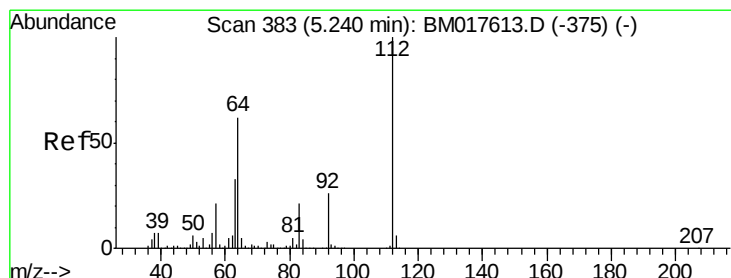
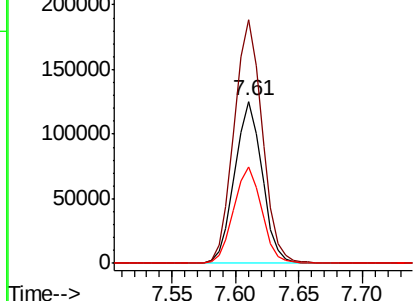
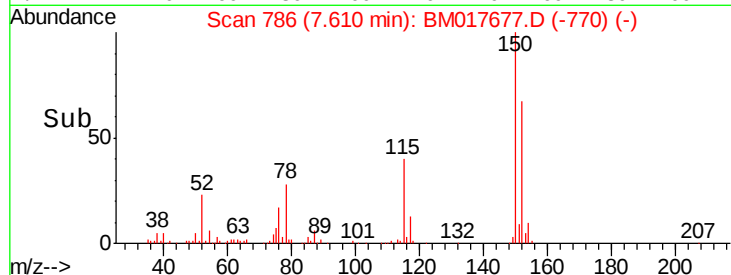


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

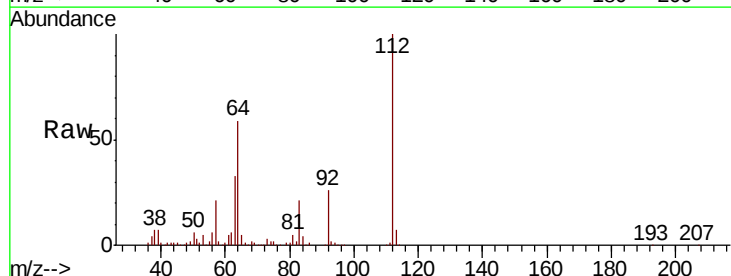
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 33.168 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.01 min
Lab File: BM017677.D
Acq: 16 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	49.3	73.9
63	33.1	26.2	39.4

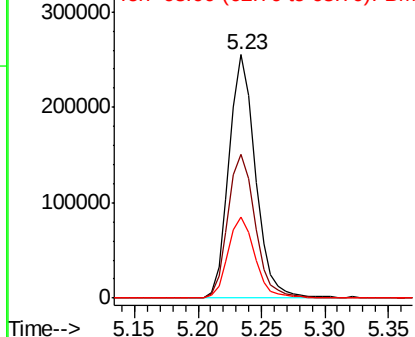
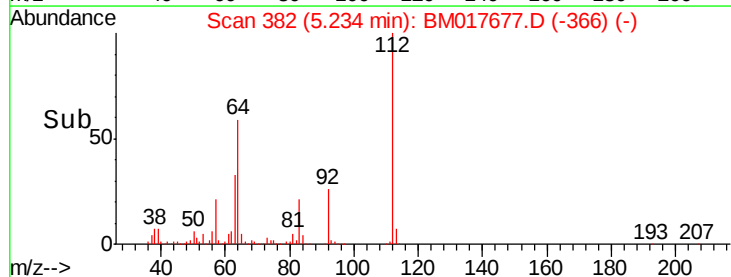


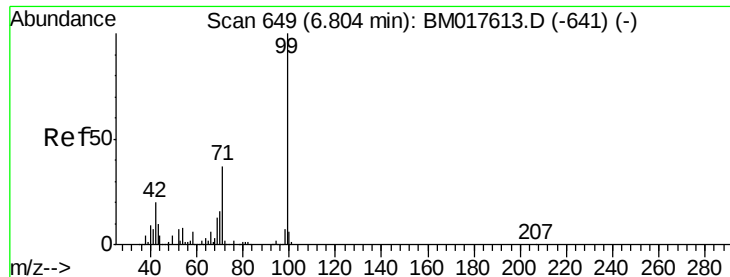
Abundance

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: 18.149 ng

RT: 6.79 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM017677.D

Acq: 16 Nov 2018 13:06

Instrument :

BNA_M

ClientSampleId :

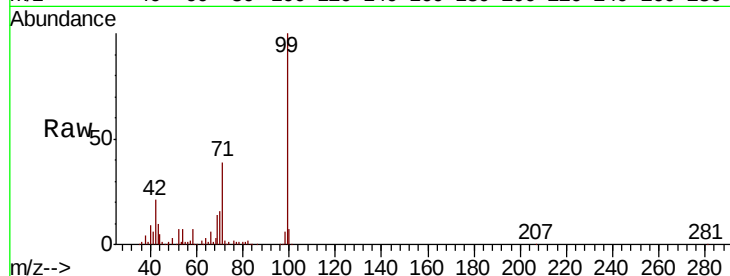
Tot Ion: 99 Resp: 283436

Ion Ratio Lower Upper

99 100

42 21.0 16.3 24.5

71 39.1 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017677.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM017677.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM017677.D (-632) (-)

6.79

200000

150000

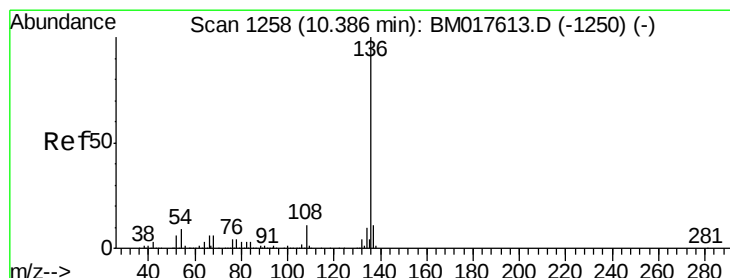
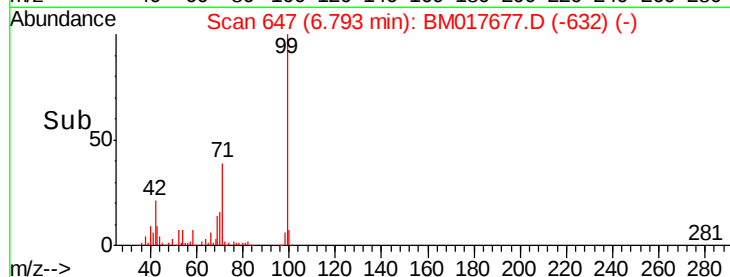
100000

50000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM017677.D

Acq: 16 Nov 2018 13:06

Tgt Ion: 136 Resp: 752460

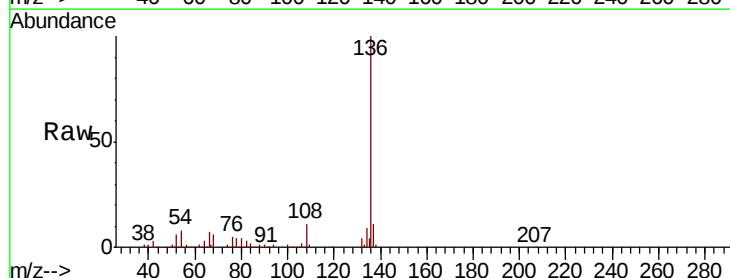
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 8.2 7.0 10.6

68 6.3 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): BM017677.D (-1241) (-)

Ion 137.00 (136.70 to 137.70): BM017677.D (-1241) (-)

Ion 54.00 (53.70 to 54.70): BM017677.D (-1241) (-)

Ion 68.00 (67.70 to 68.70): BM017677.D (-1241) (-)

10.38

600000

500000

400000

300000

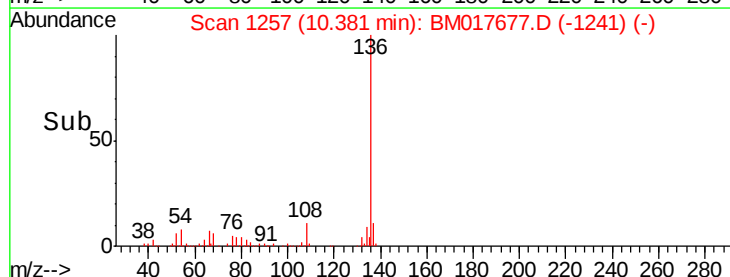
200000

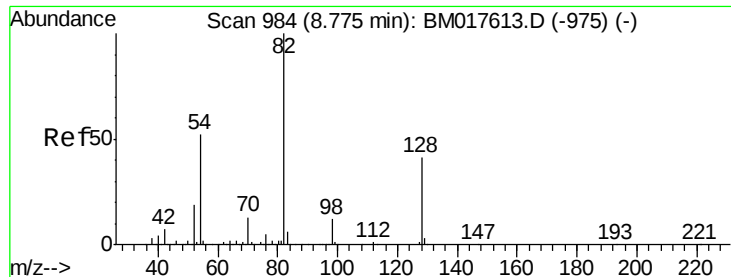
100000

0

10.30 10.40

Time-->

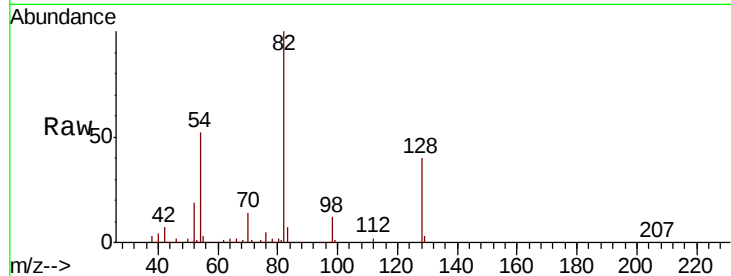




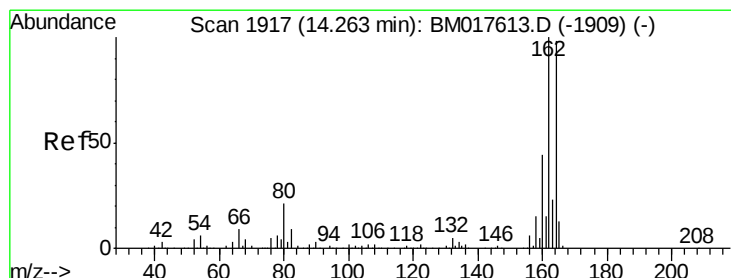
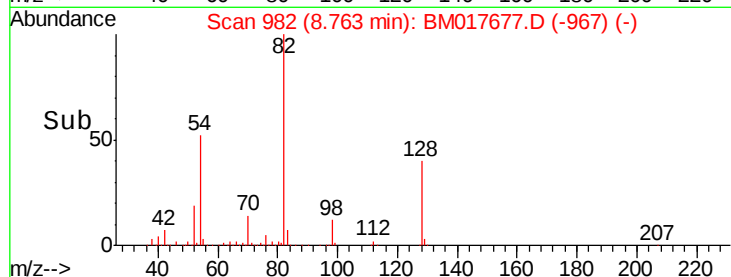
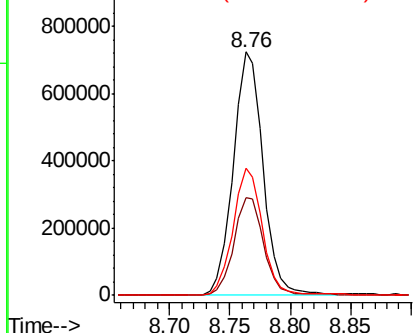
#23
Nitrobenzene-d5
Concen: 85.994 ng
RT: 8.76 min Scan# 982
Delta R.T. -0.01 min
Lab File: BM017677.D
Acq: 16 Nov 2018 13:06

Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 1253404
Ion Ratio Lower Upper
82 100
128 40.2 33.0 49.4
54 52.4 41.4 62.2

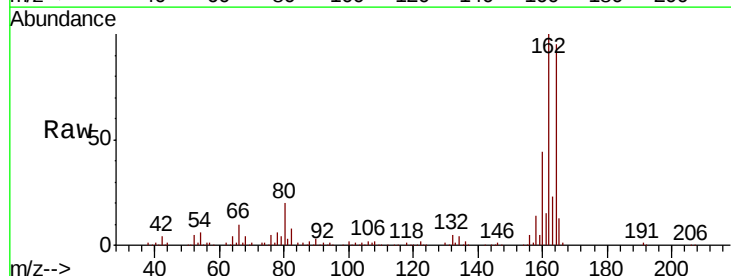


Abundance Ion 82.00 (81.70 to 82.70): BM017613.D (-975) (-)
Ion 128.00 (127.70 to 128.70): BM017613.D (-975) (-)
Ion 54.00 (53.70 to 54.70): BM017613.D (-975) (-)

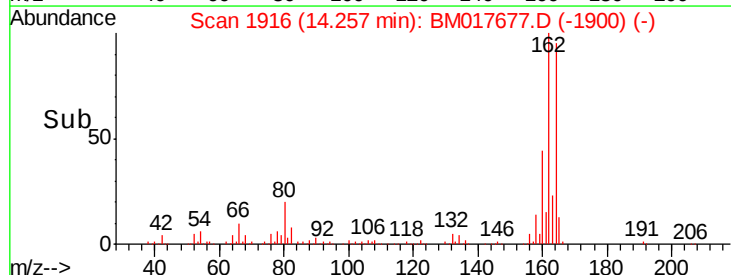
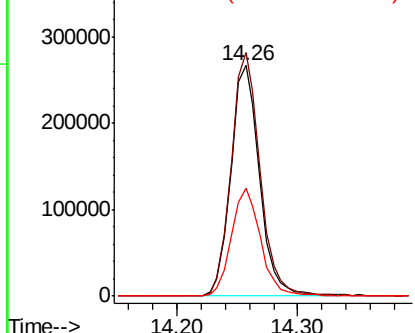


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM017677.D
Acq: 16 Nov 2018 13:06

Tgt Ion:164 Resp: 442410
Ion Ratio Lower Upper
164 100
162 105.7 81.4 122.0
160 46.9 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) (-)

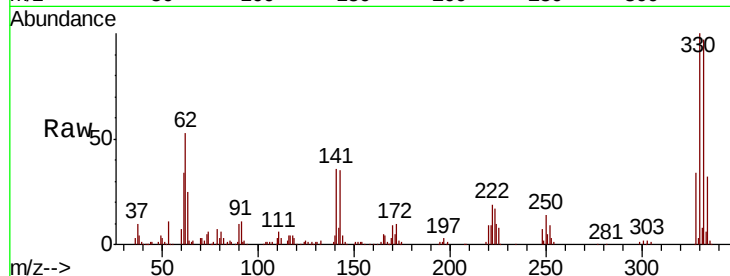




#42
 2,4,6-Tribromophenol
 Concen: 73.895 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM017677.D
 Acq: 16 Nov 2018 13:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.9	116.9
141	38.2	27.5	41.3

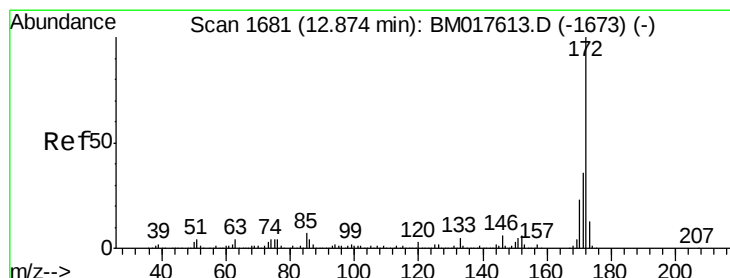
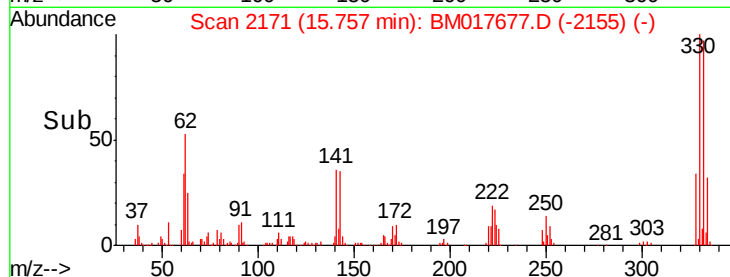
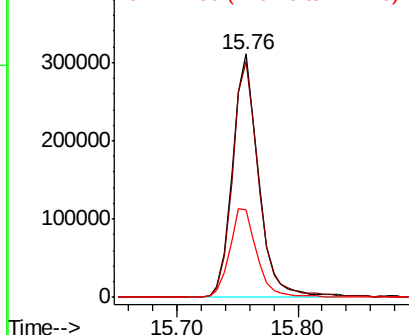


Abundance

Ion 329.80 (329.50 to 330.50): E

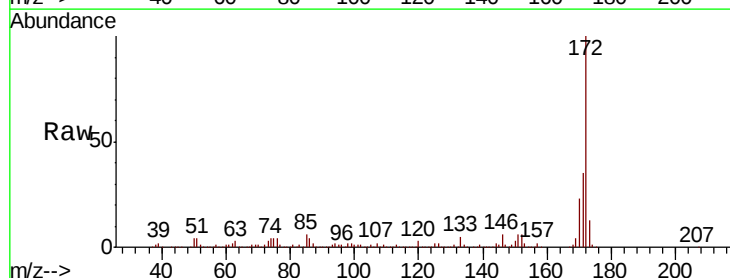
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.968 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM017677.D
 Acq: 16 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	22.9	18.3	27.5

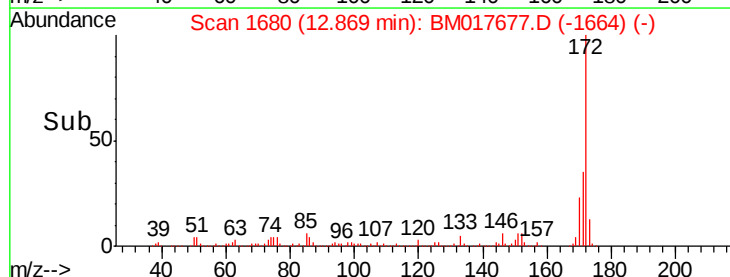
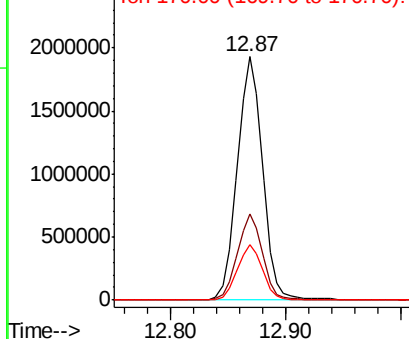


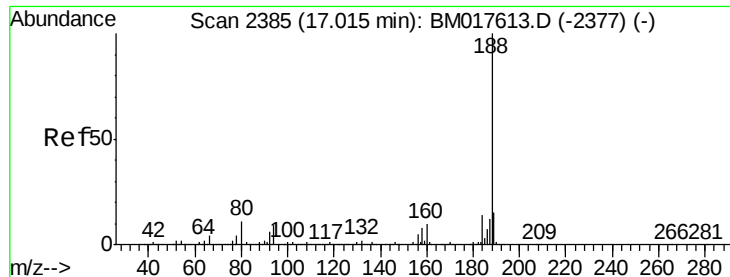
Abundance

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

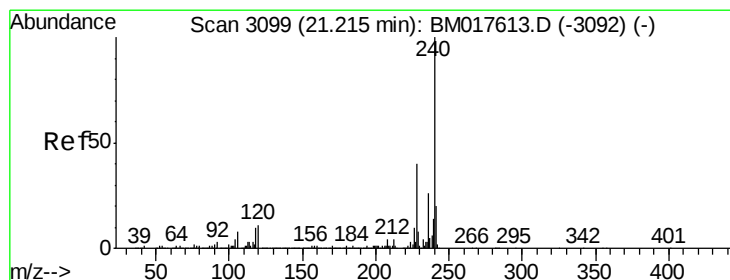
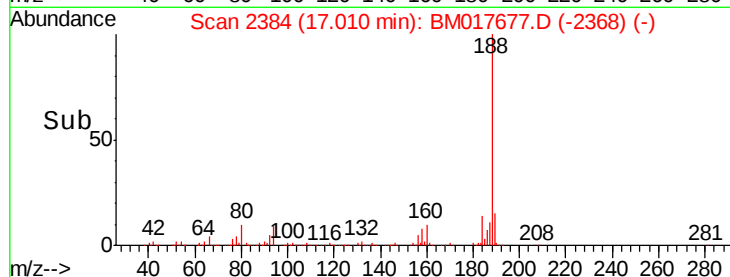
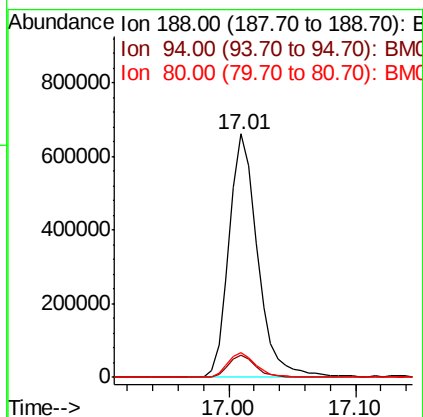
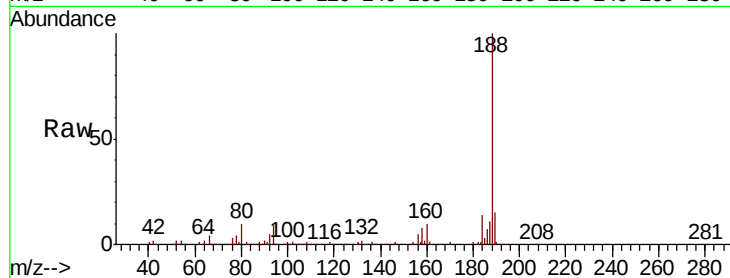




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017677.D
Acq: 16 Nov 2018 13:06

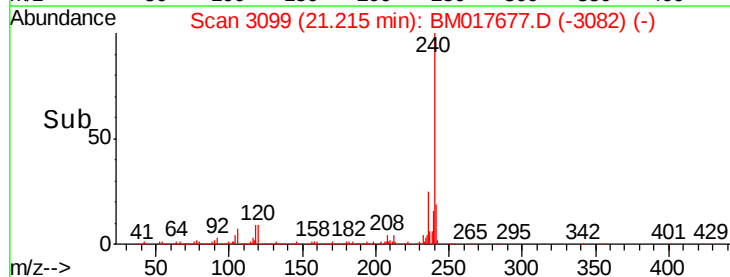
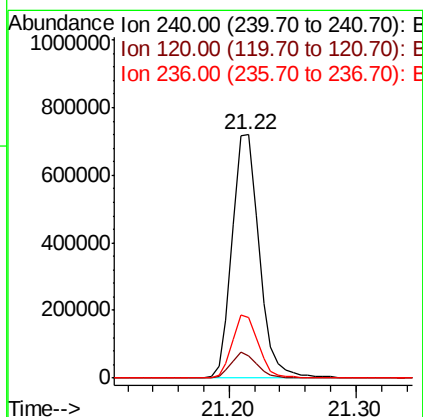
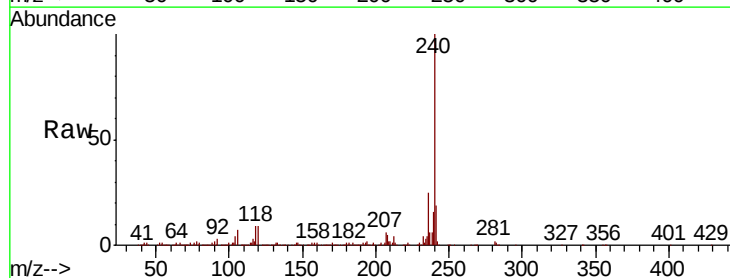
Instrument :
BNA_M
ClientSampleId :

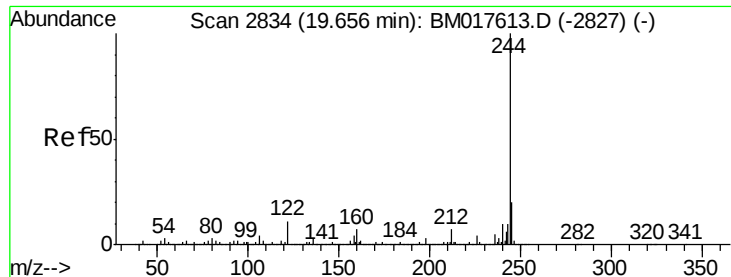
Tot Ion:188 Resp: 1033792
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 10.3 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM017677.D
Acq: 16 Nov 2018 13:06

Tgt Ion:240 Resp: 1065067
Ion Ratio Lower Upper
240 100
120 9.0 8.5 12.7
236 25.0 20.4 30.6





#79

Terphenyl-d14

Concen: 78.922 ng

RT: 19.66 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM017677.D

Acq: 16 Nov 2018 13:06

Instrument :

BNA_M

ClientSampleId :

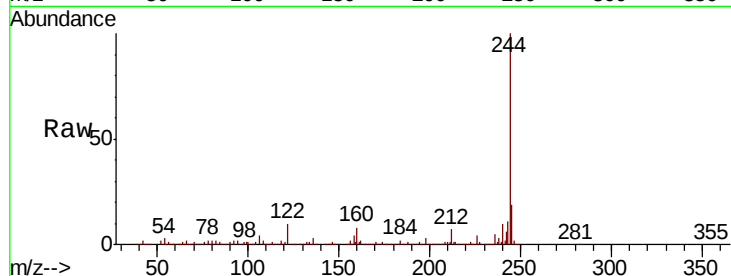
Tot Ion:244 Resp: 3708820

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

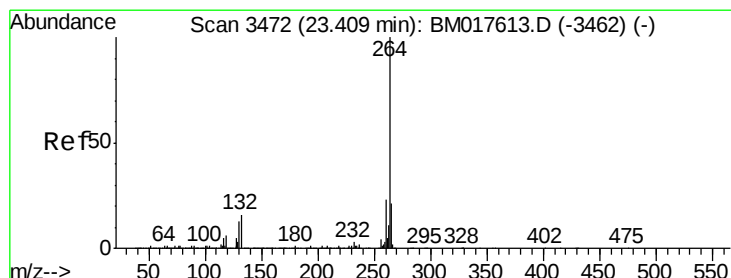
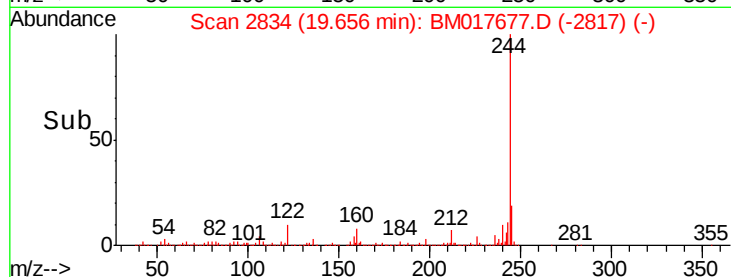
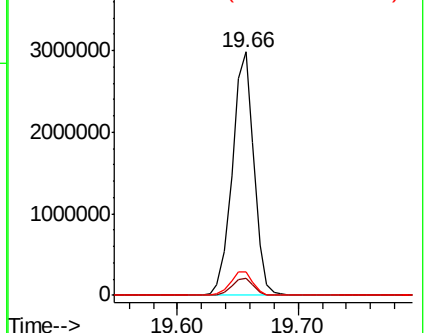
122 9.9 9.0 13.6



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: BM017677.D

Acq: 16 Nov 2018 13:06

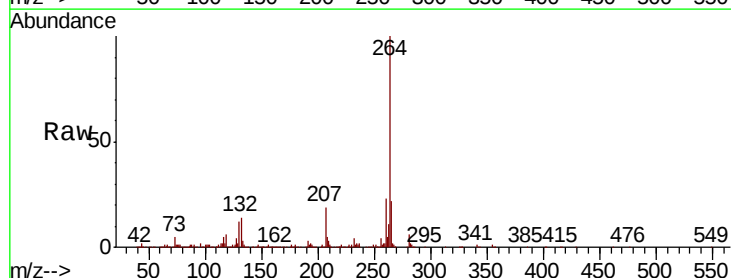
Tgt Ion:264 Resp: 934034

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 22.4 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

