

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111518\
 Data File : BM017665.D
 Acq On : 15 Nov 2018 18:00
 Operator : MJ/SJ
 Sample : J5767-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-111418-A

Quant Time: Nov 16 04:37:06 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	239360	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	927485	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	506642	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1147194	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1009594	20.00	ng	0.00
87) Perylene-d12	23.40	264	826063	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1570132	110.70	ng	0.00
7) Phenol-d6	6.80	99	1850641	93.43	ng	0.00
23) Nitrobenzene-d5	8.77	82	1459565	81.24	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	884569	121.51	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3167195	81.10	ng	0.00
79) Terphenyl-d14	19.65	244	4763403	106.93	ng	0.00

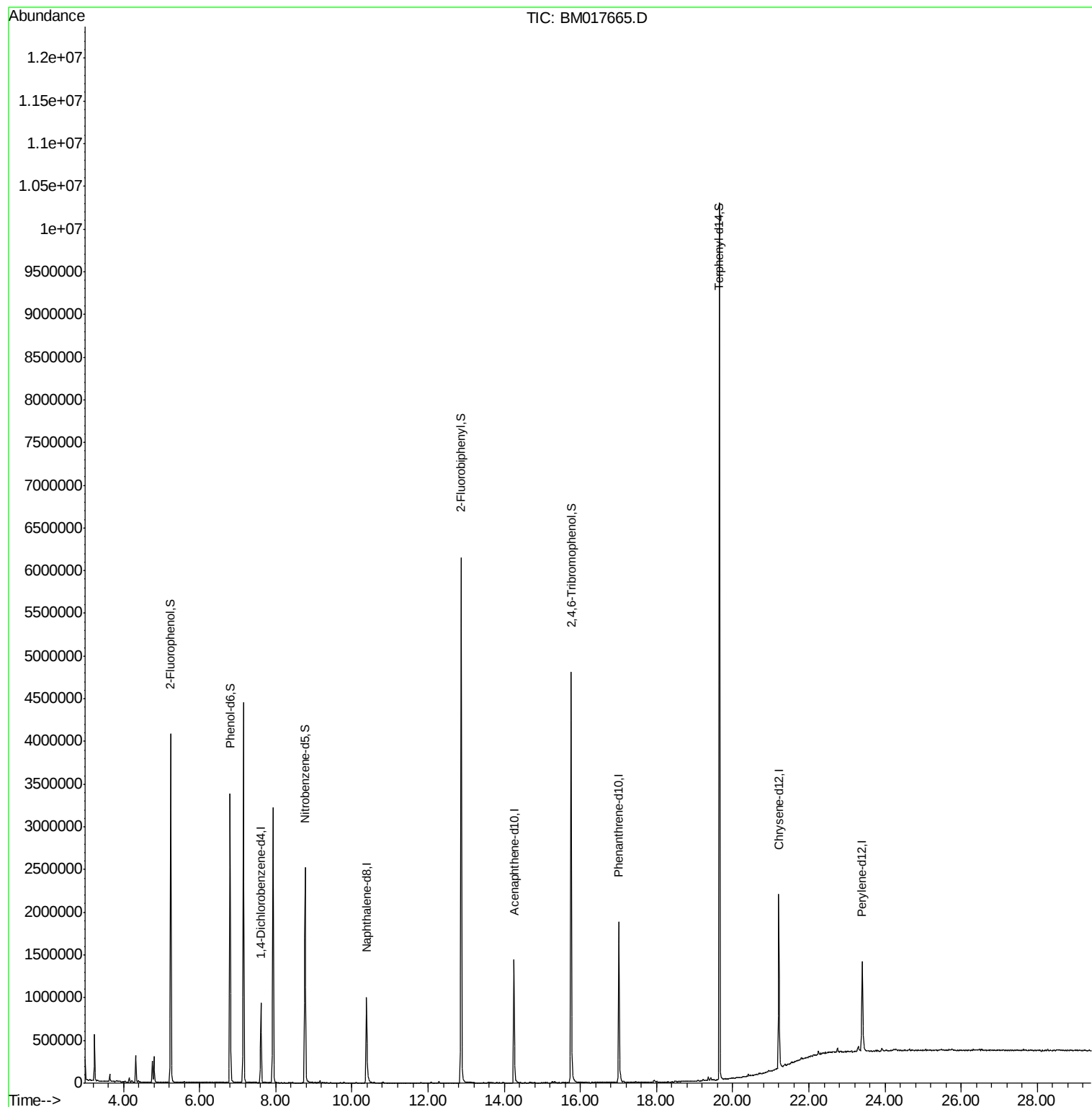
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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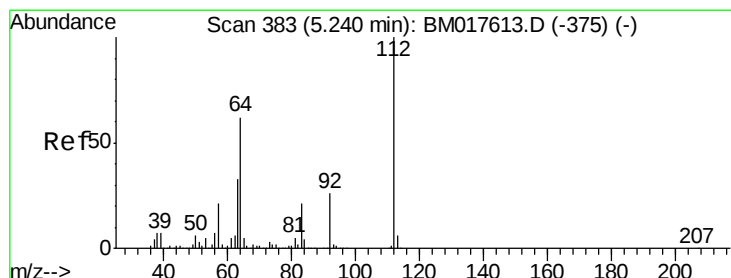
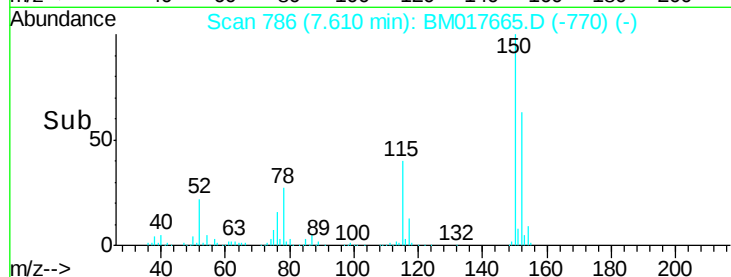
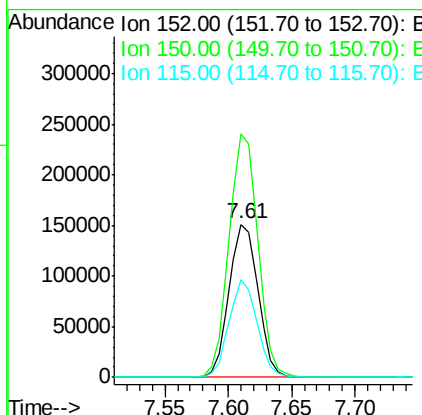
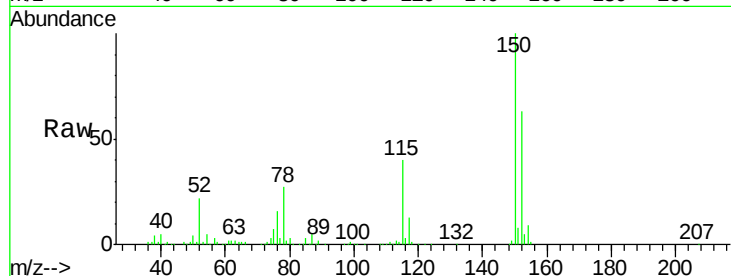


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017665.D
Acq: 15 Nov 2018 18:00

Instrument :
BNA_M
ClientSampleId :
CL-01-111418-A

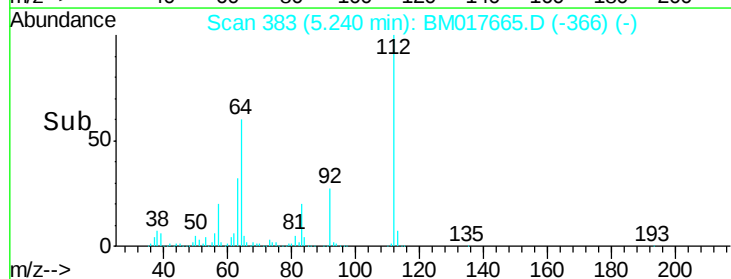
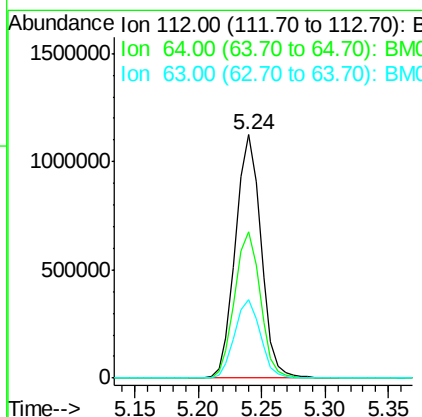
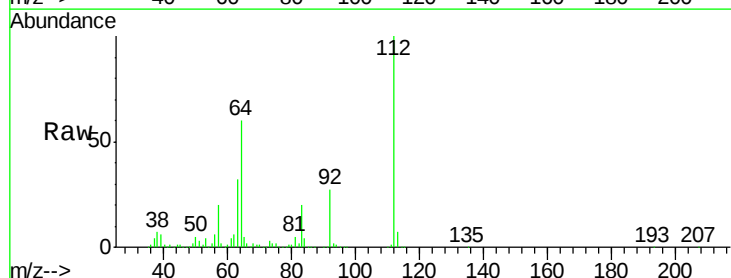
Tgt Ion:152 Resp: 239360
Ion Ratio Lower Upper
152 100
150 158.8 126.4 189.6
115 64.0 49.4 74.0

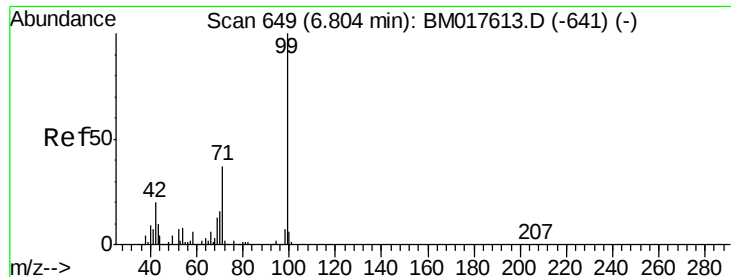


#5

2-Fluorophenol
Concen: 110.705 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017665.D
Acq: 15 Nov 2018 18:00

Tgt Ion:112 Resp: 1570132
Ion Ratio Lower Upper
112 100
64 59.9 49.3 73.9
63 32.5 26.2 39.4





#7

Phenol-d6

Concen: 93.426 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017665.D

Acq: 15 Nov 2018 18:00

Instrument :

BNA_M

ClientSampleId :

CL-01-111418-A

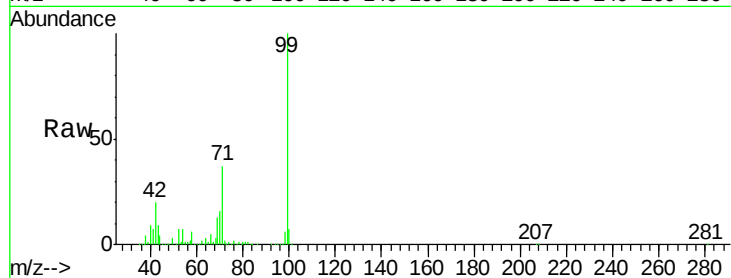
Tgt Ion: 99 Resp: 1850641

Ion Ratio Lower Upper

99 100

42 19.9 16.3 24.5

71 37.4 29.8 44.8

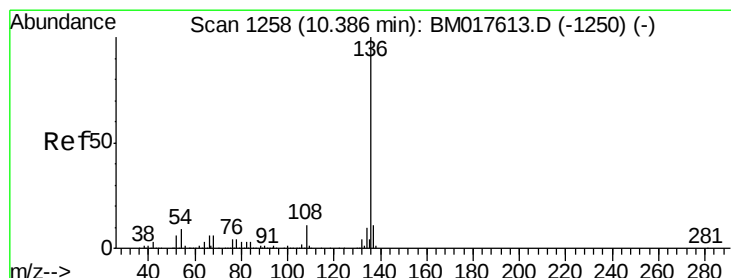
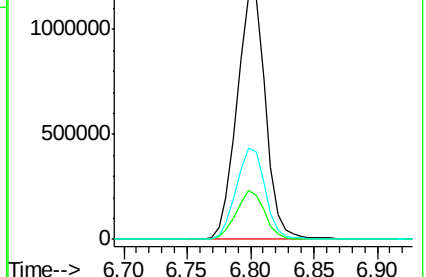
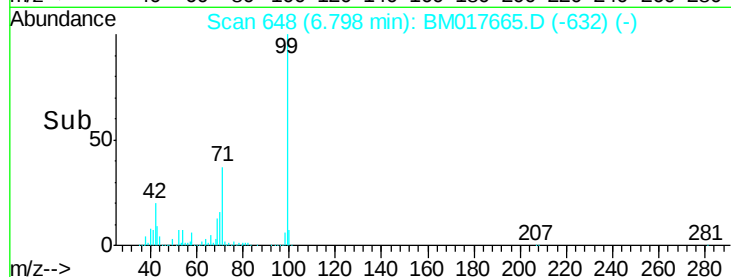


Abundance Ion 99.00 (98.70 to 99.70): BM017665.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM017665.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM017665.D (-632) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM017665.D

Acq: 15 Nov 2018 18:00

Tgt Ion: 136 Resp: 927485

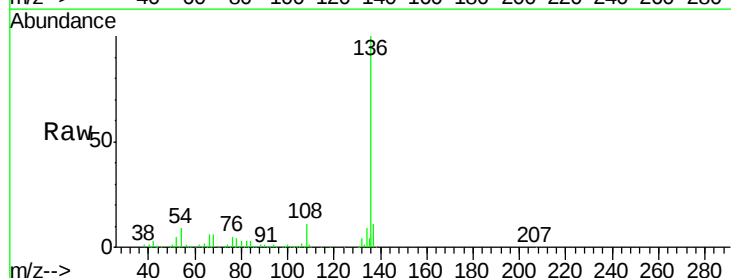
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 8.5 7.0 10.6

68 5.8 4.9 7.3



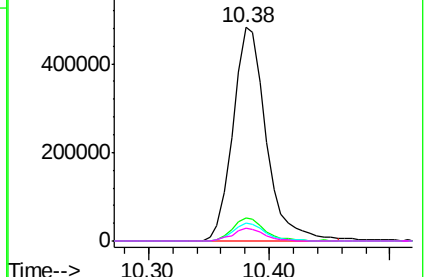
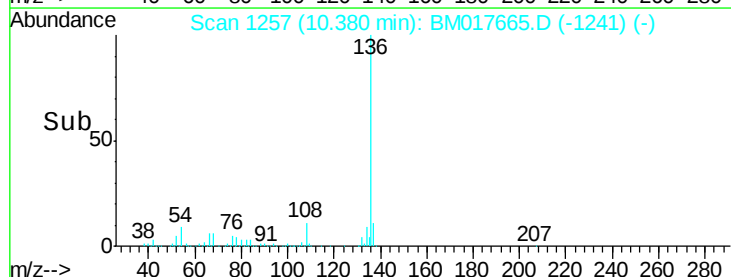
Abundance Ion 136.00 (135.70 to 136.70): BM017665.D (-1241) (-)

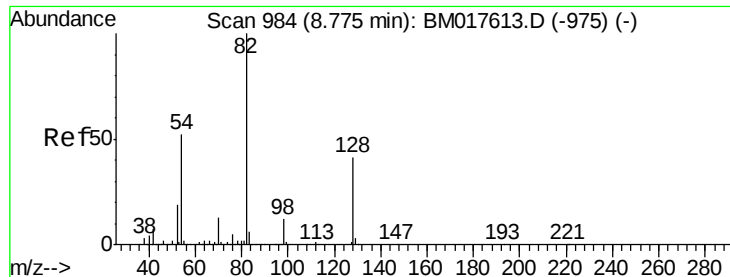
Ion 137.00 (136.70 to 137.70): BM017665.D (-1241) (-)

Ion 54.00 (53.70 to 54.70): BM017665.D (-1241) (-)

Ion 68.00 (67.70 to 68.70): BM017665.D (-1241) (-)

Time-->

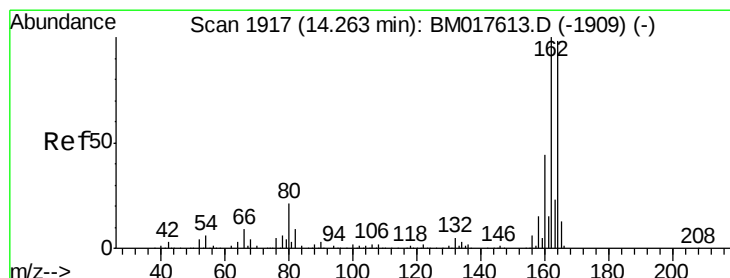
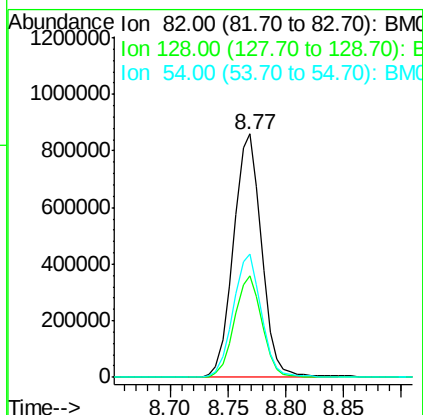
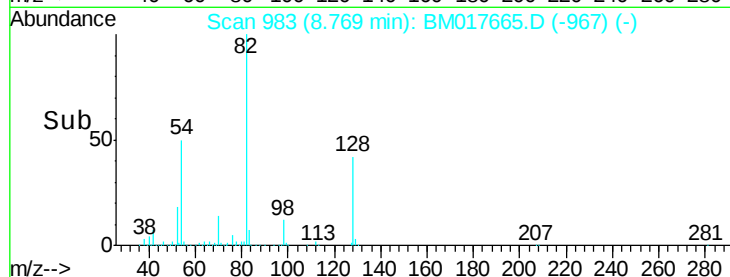
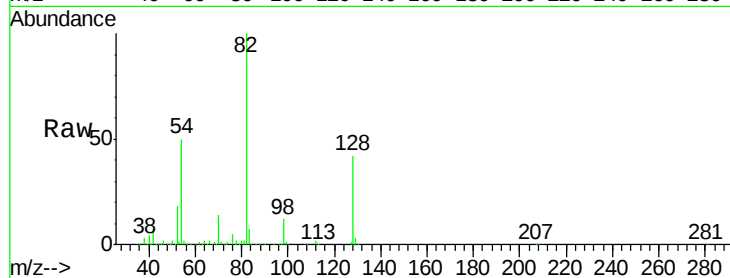




#23
Nitrobenzene-d5
Concen: 81.242 ng
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM017665.D
Acq: 15 Nov 2018 18:00

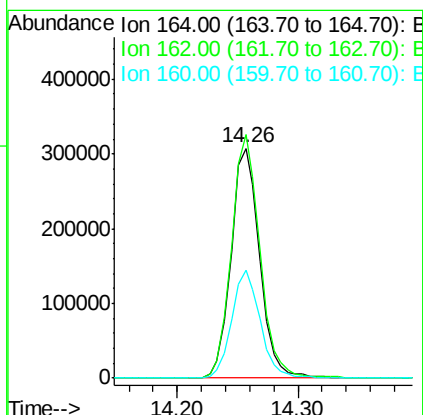
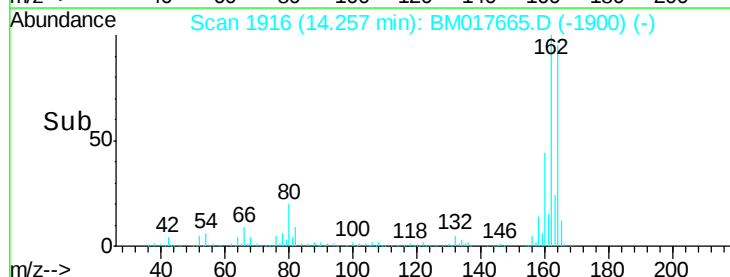
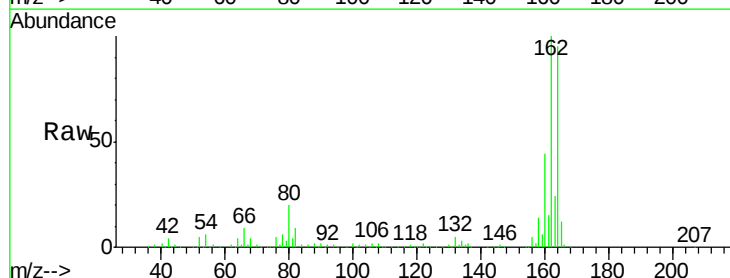
Instrument :
BNA_M
ClientSampleId :
CL-01-111418-A

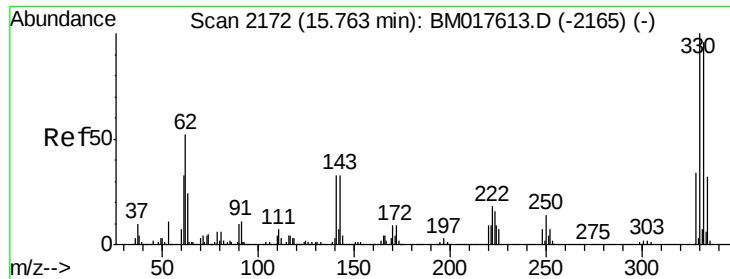
Tgt Ion: 82 Resp: 1459565
Ion Ratio Lower Upper
82 100
128 41.6 33.0 49.4
54 50.4 41.4 62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM017665.D
Acq: 15 Nov 2018 18:00

Tgt Ion: 164 Resp: 506642
Ion Ratio Lower Upper
164 100
162 105.8 81.4 122.0
160 46.6 35.6 53.4

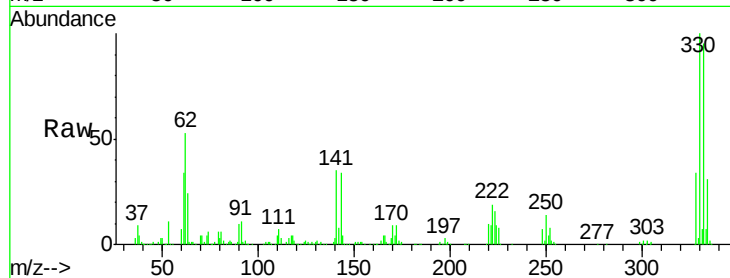




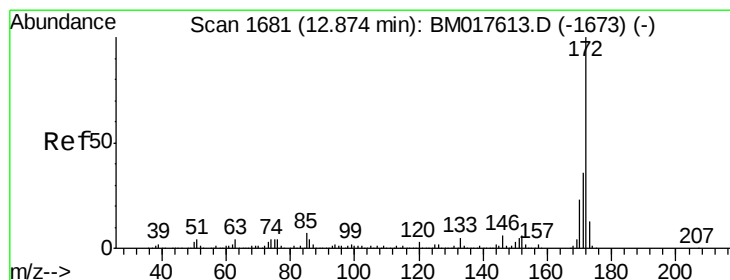
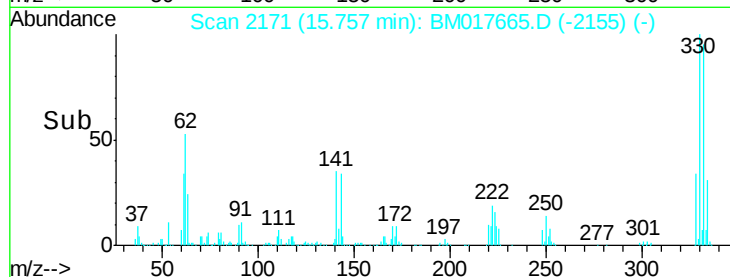
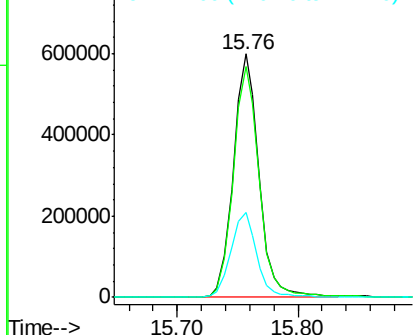
#42
 2,4,6-Tribromophenol
 Concen: 121.511 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM017665.D
 Acq: 15 Nov 2018 18:00

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-111418-A

Tgt Ion:330 Resp: 884569
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.9 116.9
 141 35.6 27.5 41.3

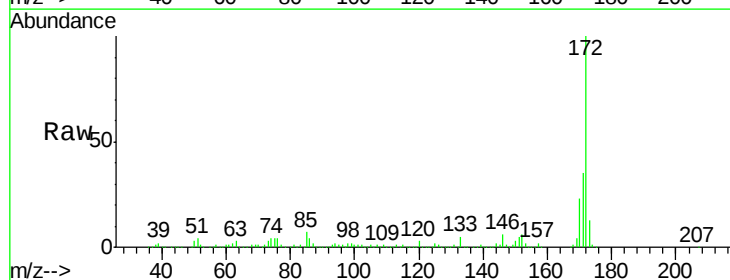


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

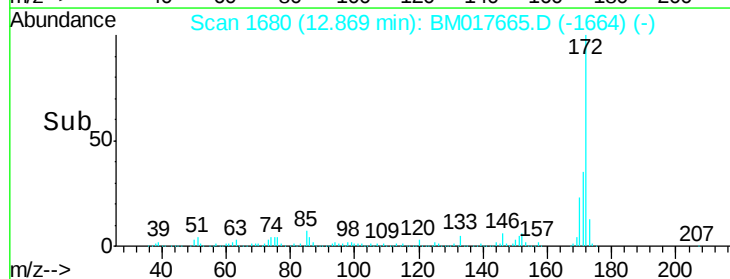
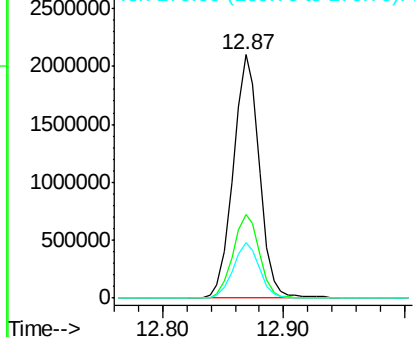


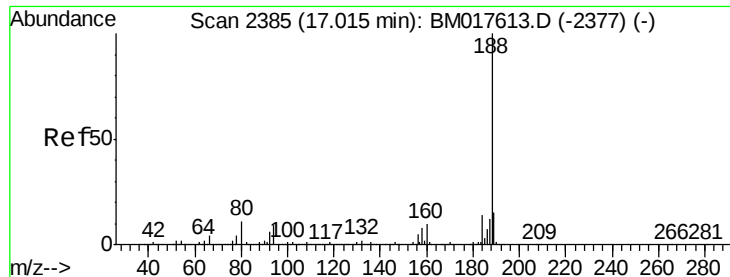
#45
 2-Fluorobiphenyl
 Concen: 81.101 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM017665.D
 Acq: 15 Nov 2018 18:00

Tgt Ion:172 Resp: 3167195
 Ion Ratio Lower Upper
 172 100
 171 34.6 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: BM017665.D

Acq: 15 Nov 2018 18:00

Instrument :

BNA_M

ClientSampleId :

CL-01-111418-A

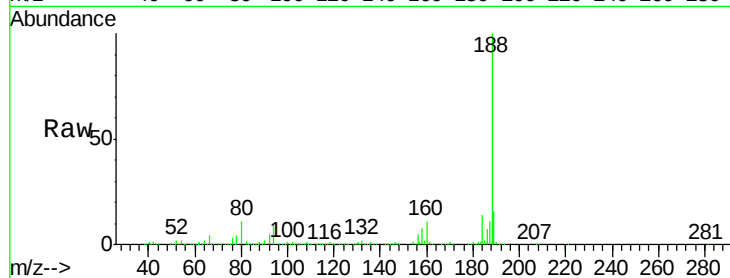
Tgt Ion:188 Resp: 1147194

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

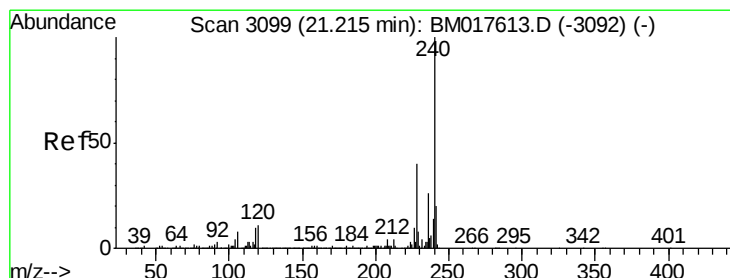
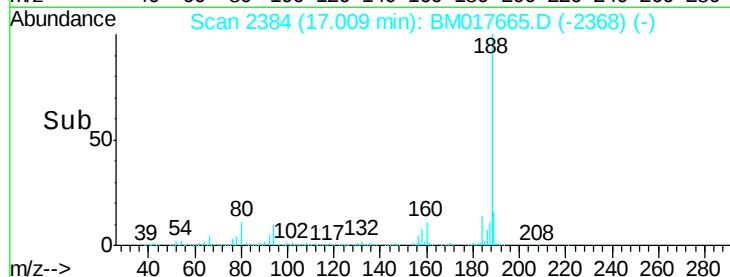
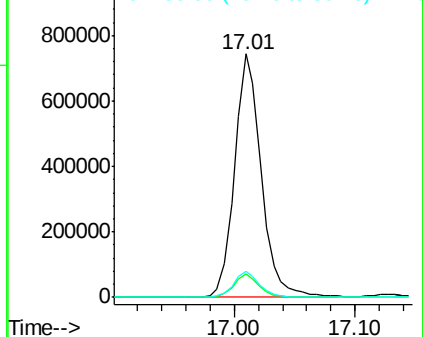
80 10.9 8.6 13.0



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: 21.21 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM017665.D

Acq: 15 Nov 2018 18:00

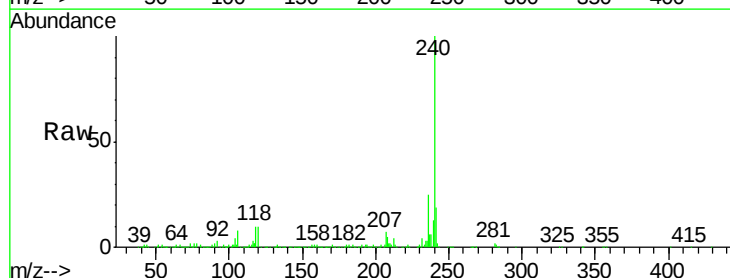
Tgt Ion:240 Resp: 1009594

Ion Ratio Lower Upper

240 100

120 10.0 8.5 12.7

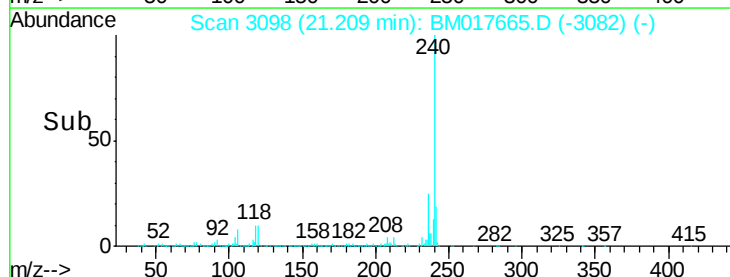
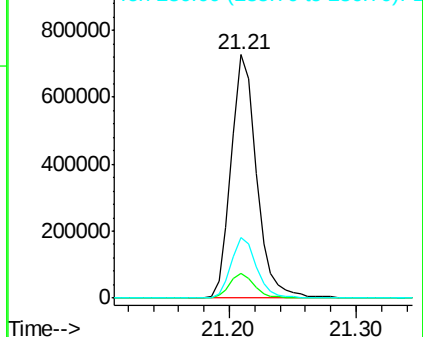
236 25.0 20.4 30.6

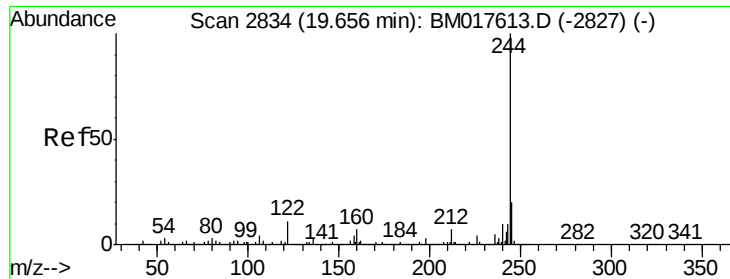


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.933 ng

RT: 19.65 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM017665.D

Acq: 15 Nov 2018 18:00

Instrument :

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ClientSampleId :

CL-01-111418-A

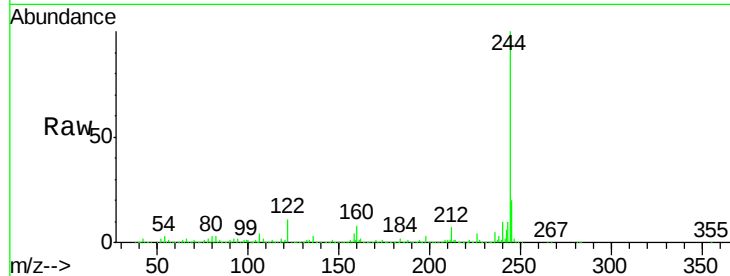
Tgt Ion:244 Resp: 4763403

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

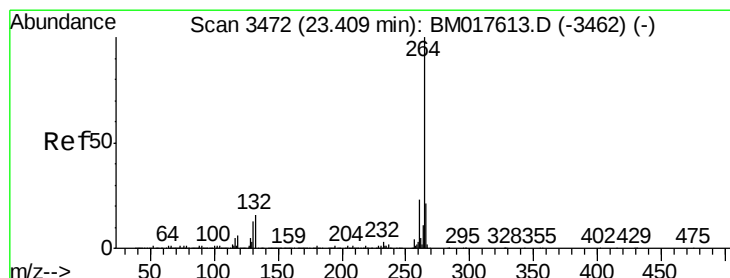
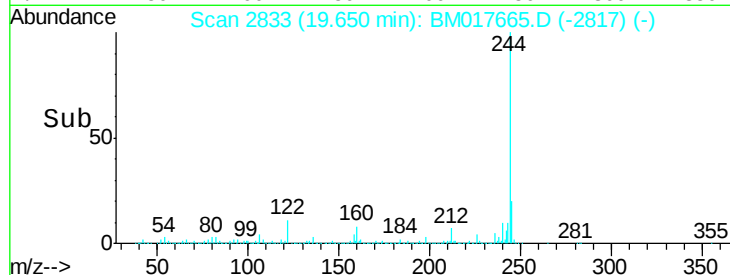
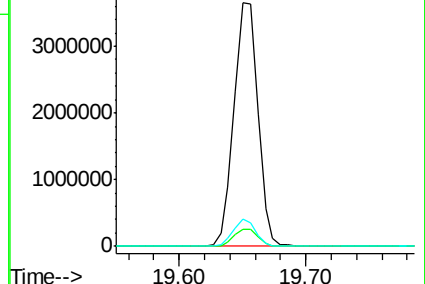
122 11.1 9.0 13.6



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: BM017665.D

Acq: 15 Nov 2018 18:00

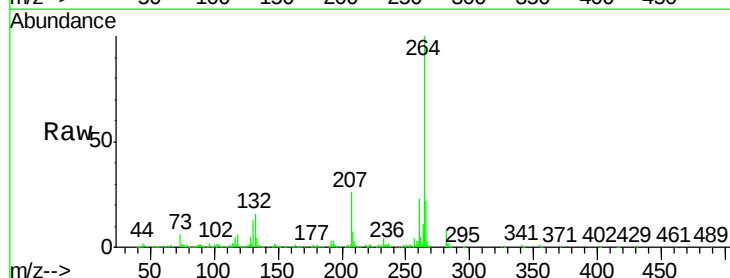
Tgt Ion:264 Resp: 826063

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

265 22.2 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

