

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110718\
 Data File : BM017538.D
 Acq On : 06 Nov 2018 21:53
 Operator : MJ/SJ
 Sample : J5812-28
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP4-A

Quant Time: Nov 07 09:04:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	210702	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	798521	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	471433	20.00	ng	-0.02
64) Phenanthrene-d10	17.03	188	1208628	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1518360	20.00	ng	-0.02
87) Perylene-d12	23.42	264	1629469	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1415848	113.65	ng	-0.01
7) Phenol-d6	6.82	99	1636449	96.45	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1325517	97.08	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	962369	150.95	ng	-0.02
45) 2-Fluorobiphenyl	12.89	172	3048297	86.03	ng	-0.02
79) Terphenyl-d14	19.67	244	6143483	91.20	ng	-0.02

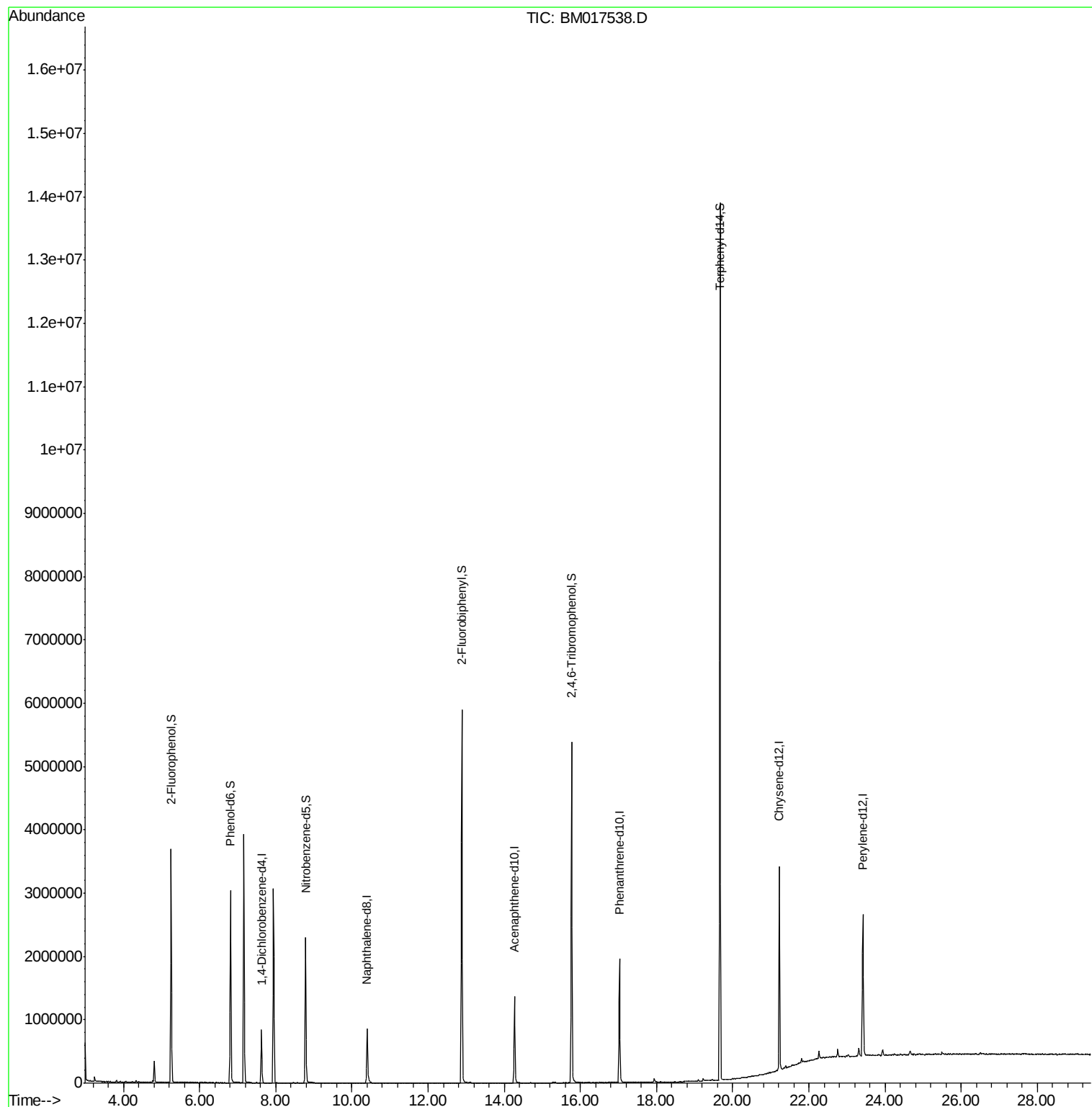
Target Compounds	Qvalue
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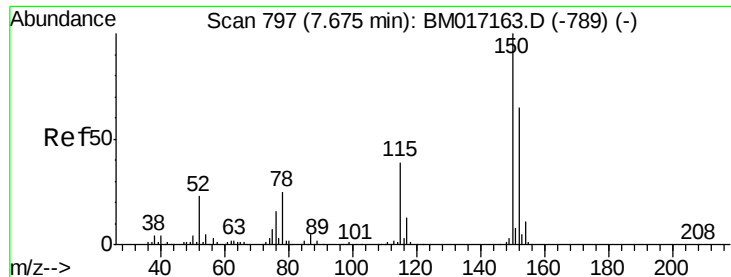
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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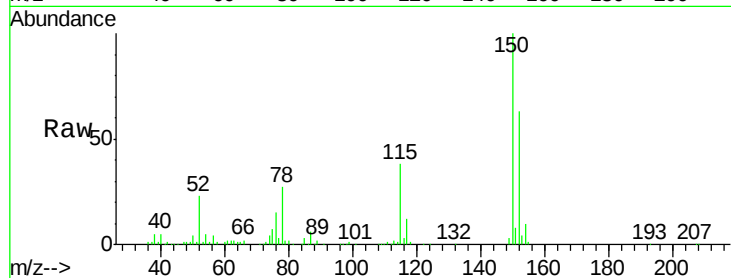


#1

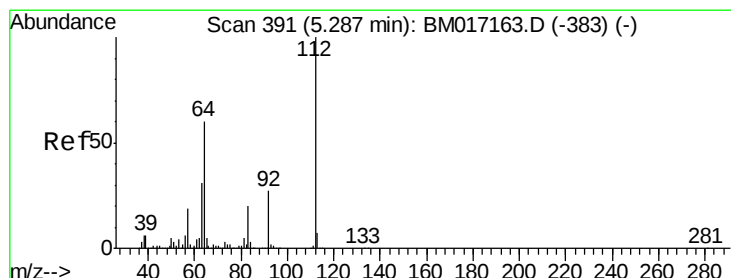
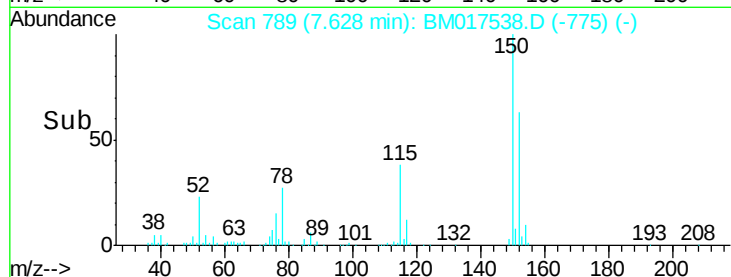
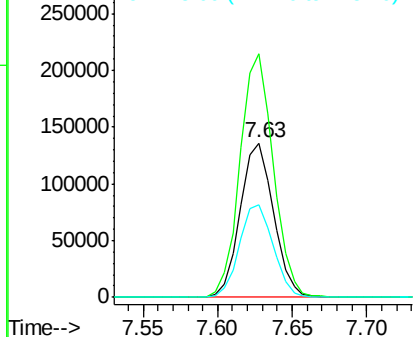
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017538.D
Acq: 06 Nov 2018 21:53

Instrument :
BNA_M
ClientSampleId :
TP4-A

Tgt Ion:152 Resp: 210702
Ion Ratio Lower Upper
152 100
150 157.6 124.3 186.5
115 60.2 48.1 72.1



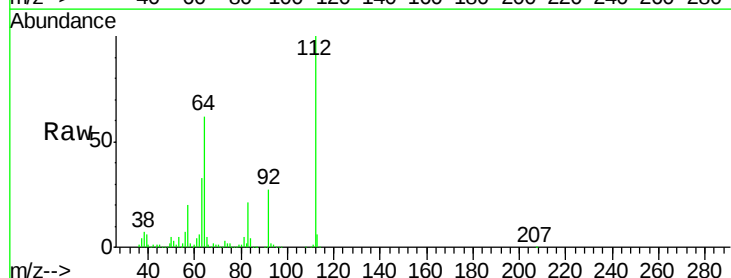
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



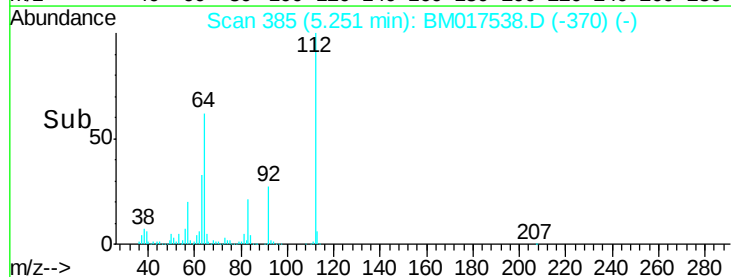
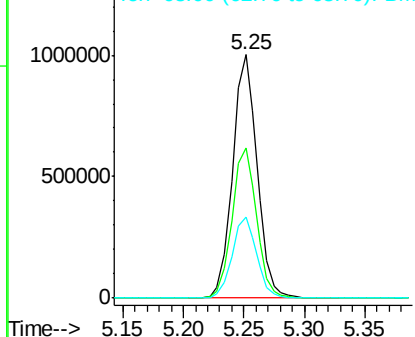
#5

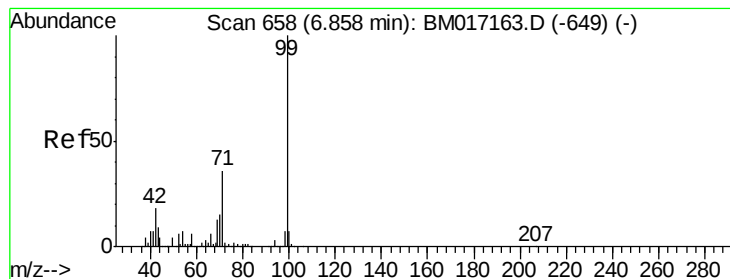
2-Fluorophenol
Concen: 113.652 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017538.D
Acq: 06 Nov 2018 21:53

Tgt Ion:112 Resp: 1415848
Ion Ratio Lower Upper
112 100
64 61.8 41.7 62.5
63 33.3 23.0 34.4



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: 96.450 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017538.D

Acq: 06 Nov 2018 21:53

Instrument :

BNA_M

ClientSampleId :

TP4-A

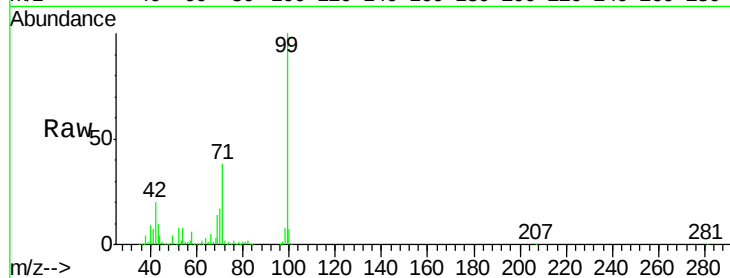
Tgt Ion: 99 Resp: 1636449

Ion Ratio Lower Upper

99 100

42 20.3 13.3 19.9#

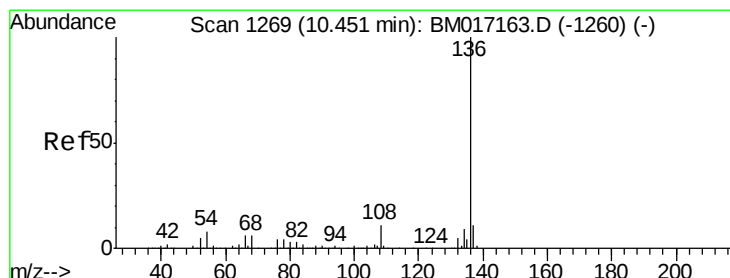
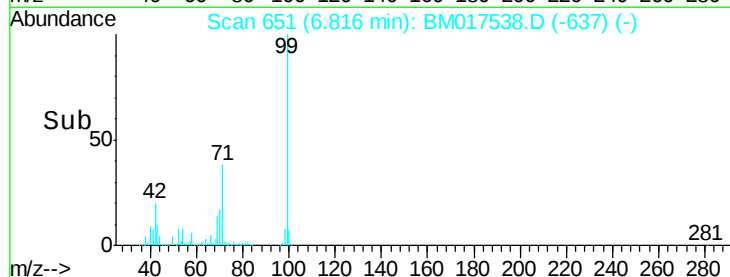
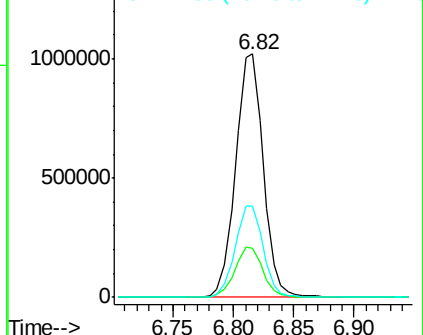
71 37.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017538.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM017538.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM017538.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BM017538.D

Acq: 06 Nov 2018 21:53

Tgt Ion: 136 Resp: 798521

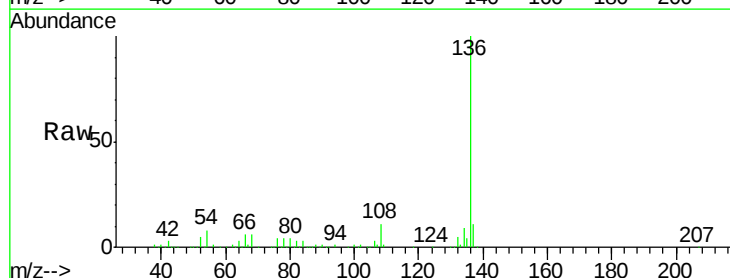
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 8.4 6.7 10.1

68 6.3 4.7 7.1

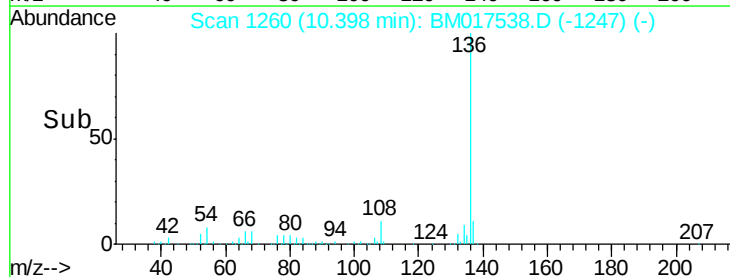
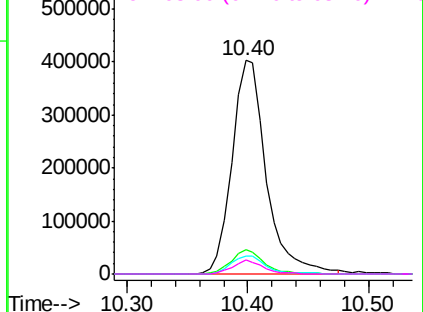


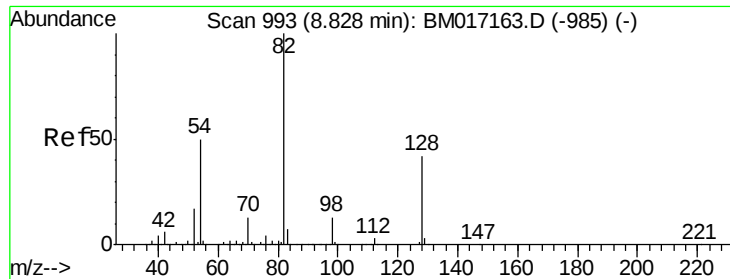
Abundance Ion 136.00 (135.70 to 136.70): BM017538.D (-1247) (-)

Ion 137.00 (136.70 to 137.70): BM017538.D (-1247) (-)

Ion 54.00 (53.70 to 54.70): BM017538.D (-1247) (-)

Ion 68.00 (67.70 to 68.70): BM017538.D (-1247) (-)

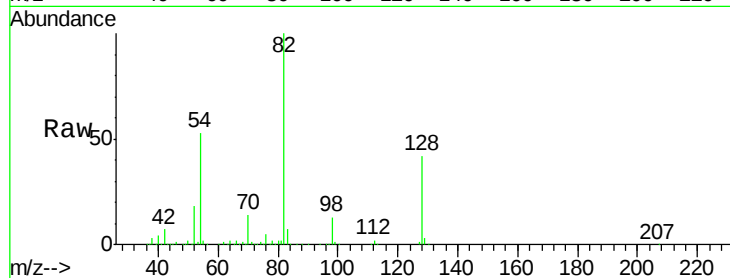




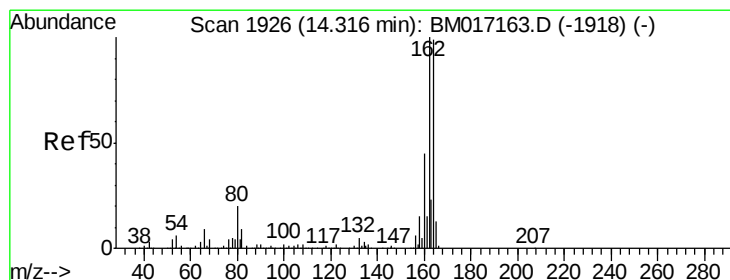
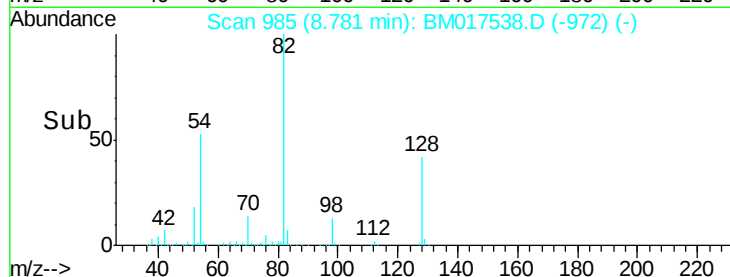
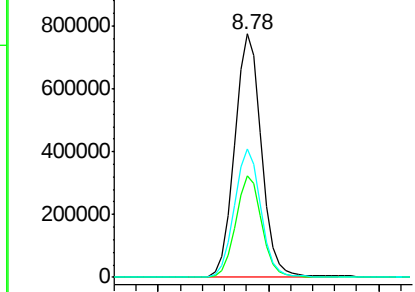
#23
Nitrobenzene-d5
Concen: 97.084 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.02 min
Lab File: BM017538.D
Acq: 06 Nov 2018 21:53

Instrument :
BNA_M
ClientSampleId :
TP4-A

Tgt Ion: 82 Resp: 132517
Ion Ratio Lower Upper
82 100
128 41.5 37.0 55.6
54 52.9 40.7 61.1

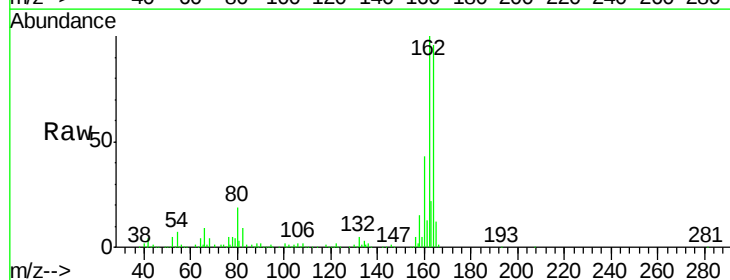


Abundance Ion 82.00 (81.70 to 82.70): BM017538.D (-972) (-)
Ion 128.00 (127.70 to 128.70): BM017538.D (-972) (-)
Ion 54.00 (53.70 to 54.70): BM017538.D (-972) (-)

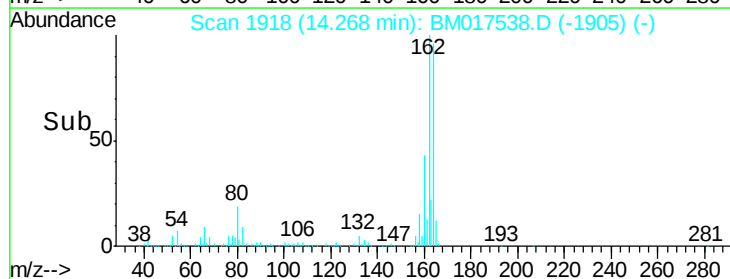
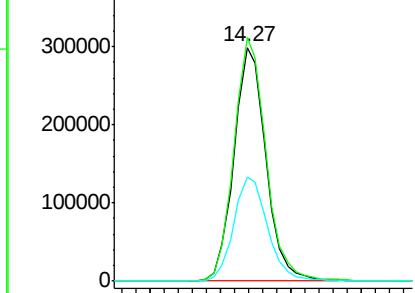


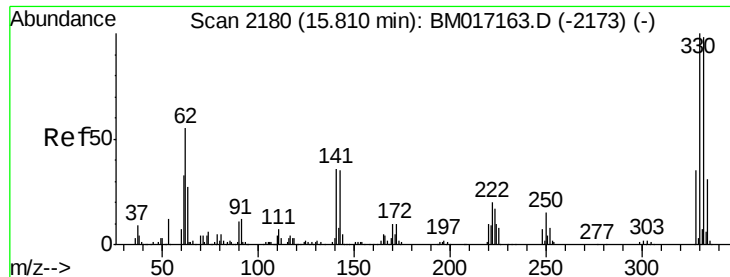
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.27 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM017538.D
Acq: 06 Nov 2018 21:53

Tgt Ion: 164 Resp: 471433
Ion Ratio Lower Upper
164 100
162 104.1 82.1 123.1
160 44.5 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): BM017538.D (-1905) (-)
Ion 162.00 (161.70 to 162.70): BM017538.D (-1905) (-)
Ion 160.00 (159.70 to 160.70): BM017538.D (-1905) (-)

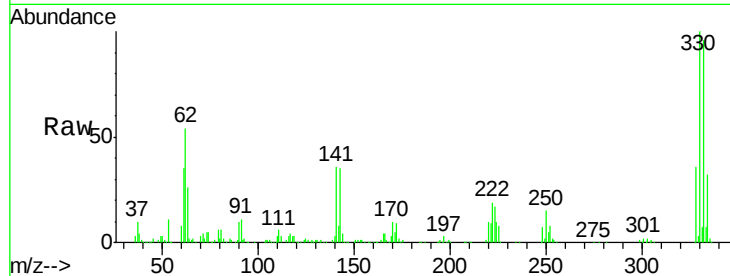




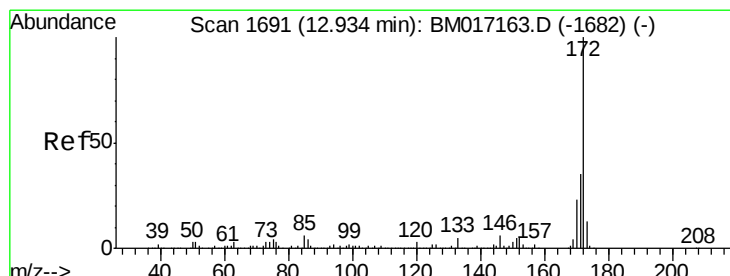
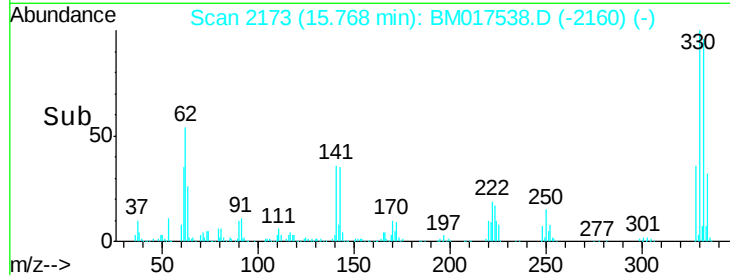
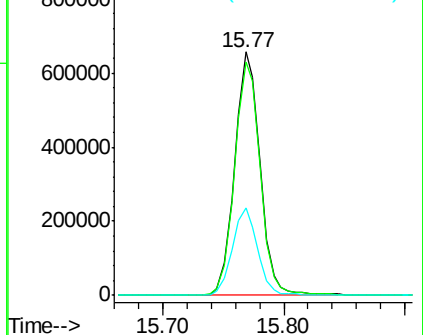
#42
 2,4,6-Tribromophenol
 Concen: 150.949 ng
 RT: 15.77 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM017538.D
 Acq: 06 Nov 2018 21:53

Instrument :
 BNA_M
 ClientSampleId :
 TP4-A

Tgt Ion:330 Resp: 962369
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 36.0 27.4 41.0

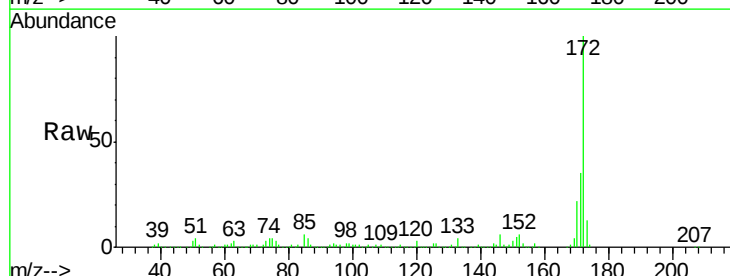


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

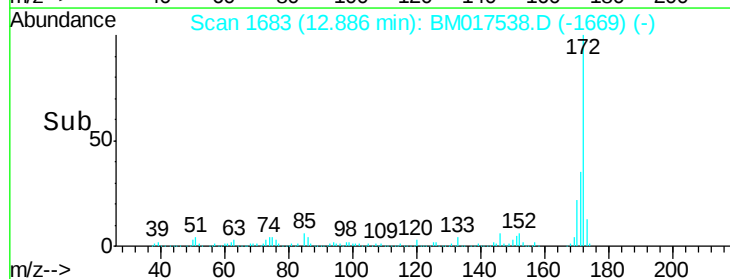
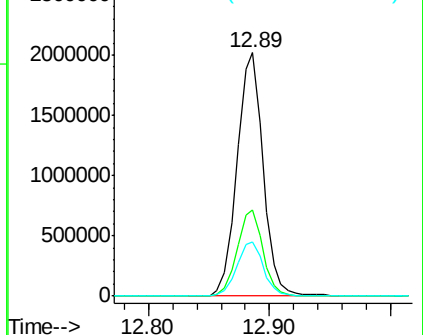


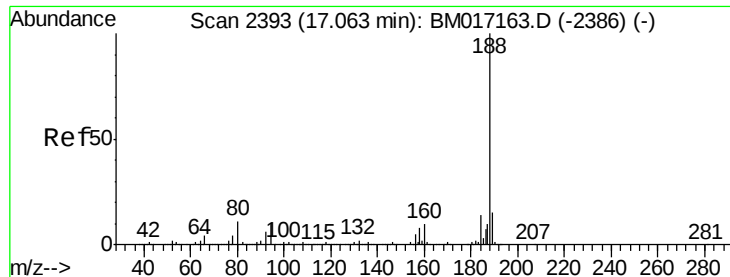
#45
 2-Fluorobiphenyl
 Concen: 86.033 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BM017538.D
 Acq: 06 Nov 2018 21:53

Tgt Ion:172 Resp: 3048297
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 22.4 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

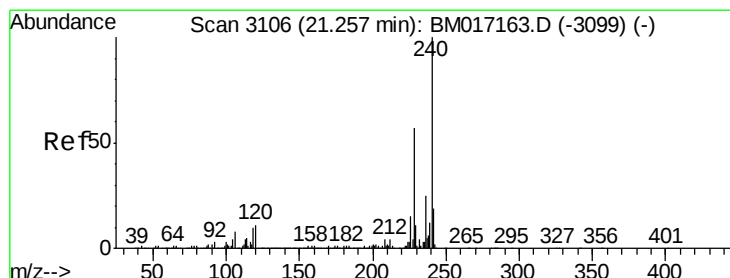
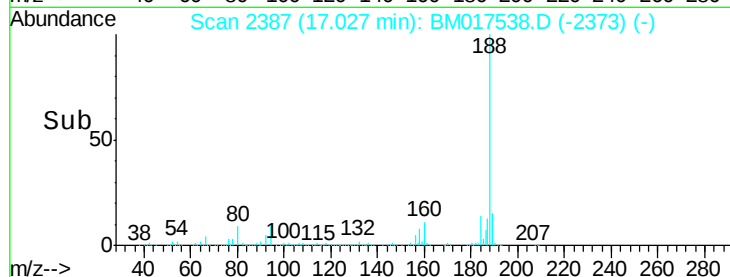
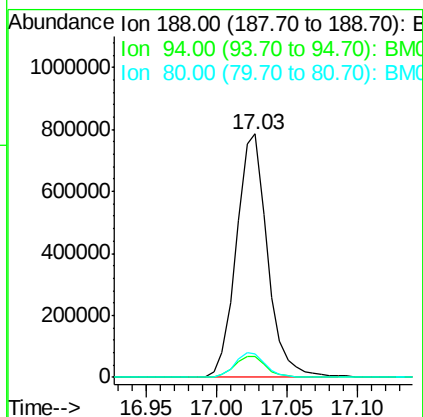
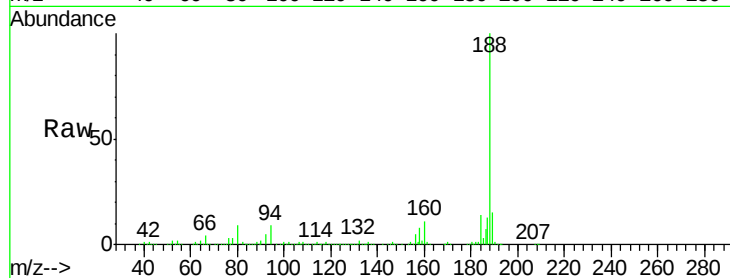




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.02 min
Lab File: BM017538.D
Acq: 06 Nov 2018 21:53

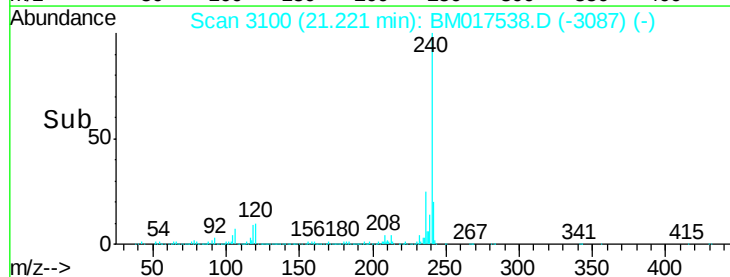
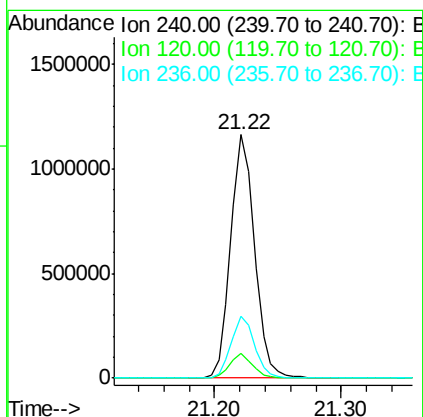
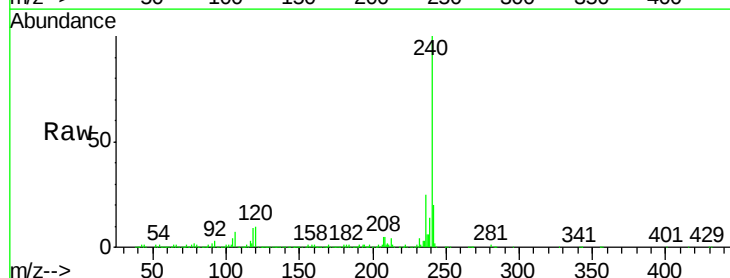
Instrument :
BNA_M
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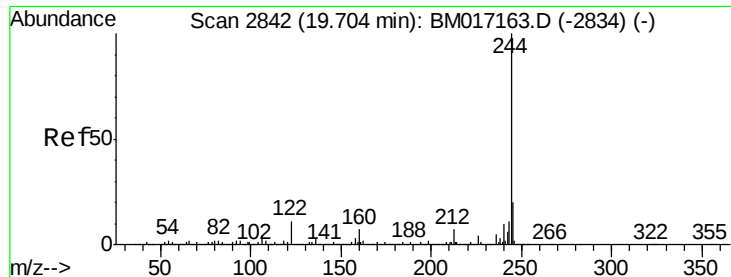
Tgt Ion:188 Resp: 1208628
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM017538.D
Acq: 06 Nov 2018 21:53

Tgt Ion:240 Resp: 1518360
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 25.3 19.9 29.9





#79

Terphenyl-d14

Concen: 91.200 ng

RT: 19.67 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM017538.D

Acq: 06 Nov 2018 21:53

Instrument :

BNA_M

ClientSampleId :

TP4-A

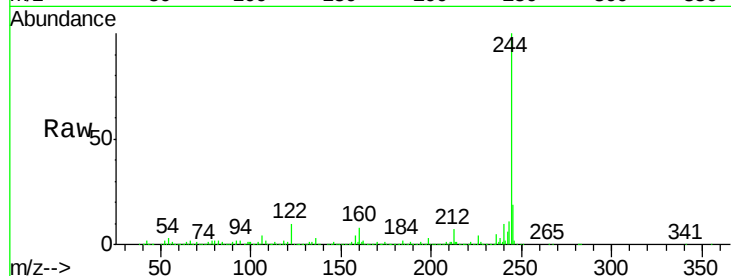
Tgt Ion:244 Resp: 6143483

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

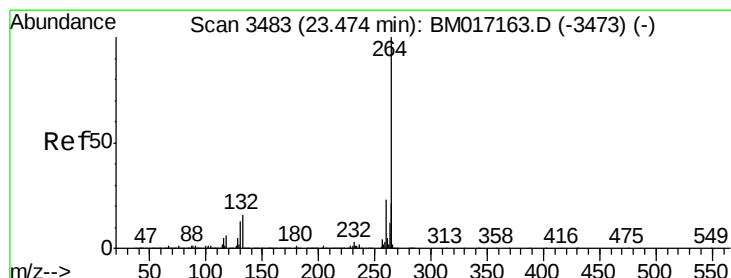
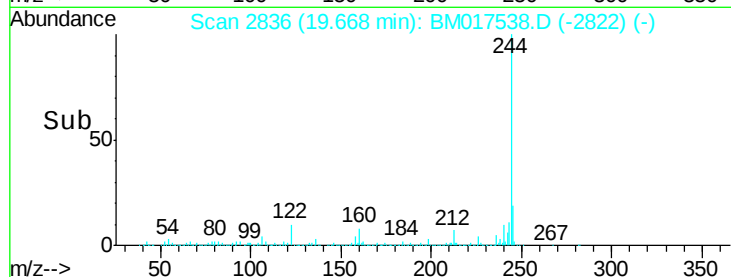
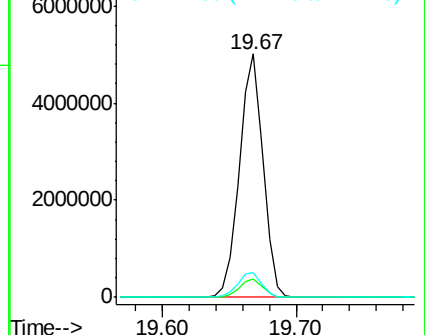
122 10.3 8.4 12.6



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: 23.42 min Scan# 3474

Delta R.T. -0.03 min

Lab File: BM017538.D

Acq: 06 Nov 2018 21:53

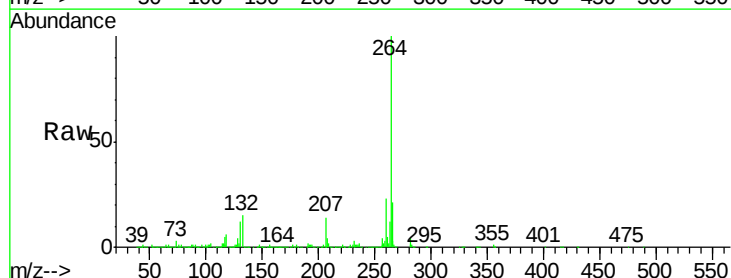
Tgt Ion:264 Resp: 1629469

Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 21.4 17.8 26.8



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

