

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110718\
 Data File : BM017546.D
 Acq On : 07 Nov 2018 02:40
 Operator : MJ/SJ
 Sample : J5816-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-4A-D

Quant Time: Nov 07 09:09:33 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	255348	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	974954	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	581753	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1479854	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1887033	20.00	ng	-0.02
87) Perylene-d12	23.42	264	2025810	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1083314	71.75	ng	-0.01
7) Phenol-d6	6.81	99	1230526	59.85	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1168164	70.08	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	730474	92.85	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	2672149	61.12	ng	-0.02
79) Terphenyl-d14	19.66	244	5452751	65.13	ng	-0.02

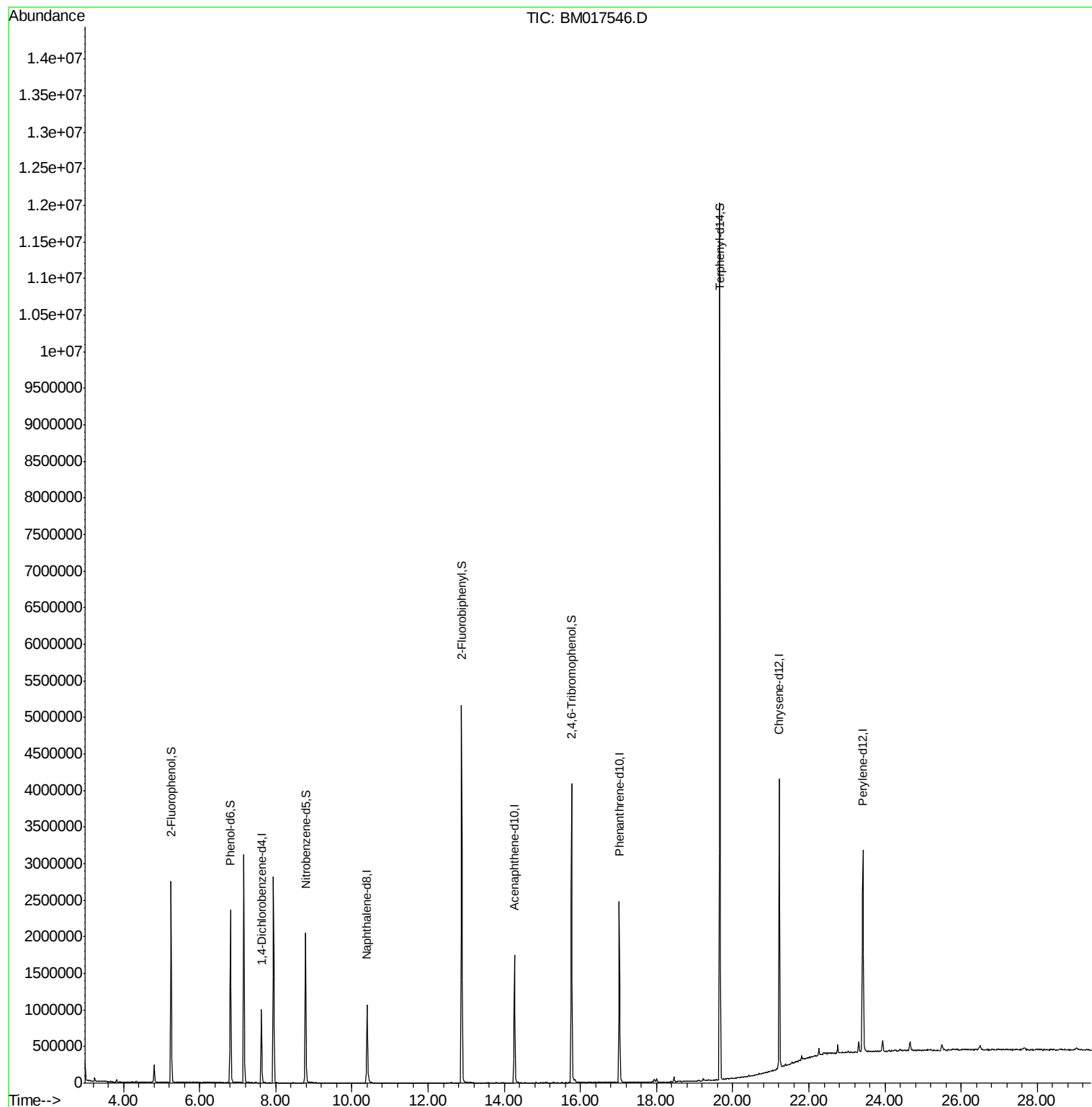
Target Compounds	Qvalue
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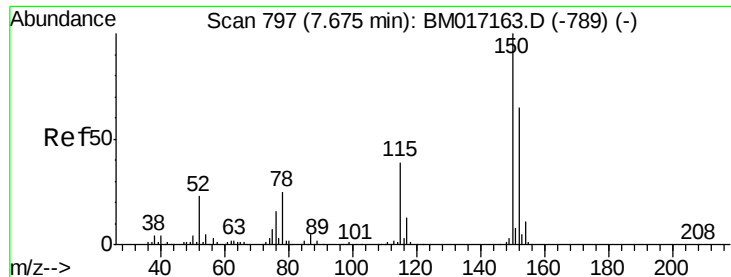
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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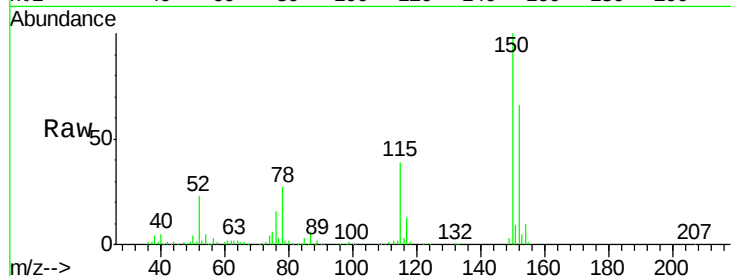


#1

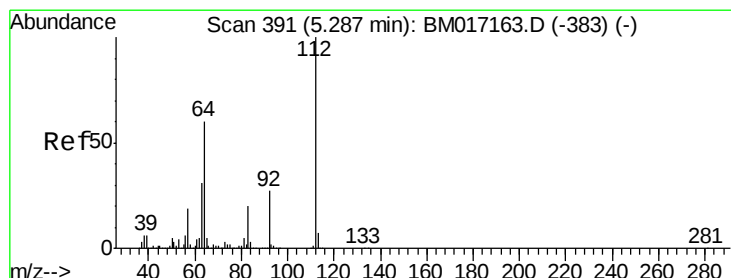
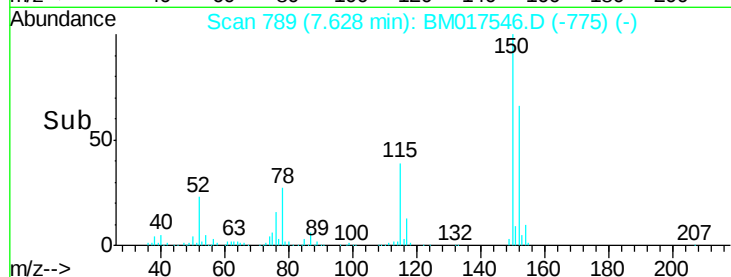
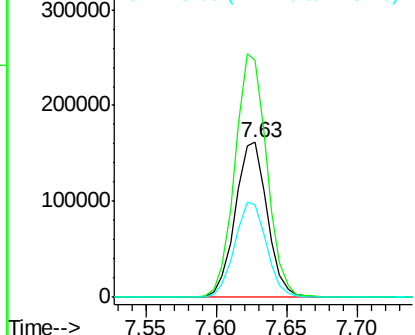
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017546.D
Acq: 07 Nov 2018 02:40

Instrument :
BNA_M
ClientSampleId :
TP-4A-D

Tgt Ion:152 Resp: 255348
Ion Ratio Lower Upper
152 100
150 152.6 124.3 186.5
115 59.7 48.1 72.1



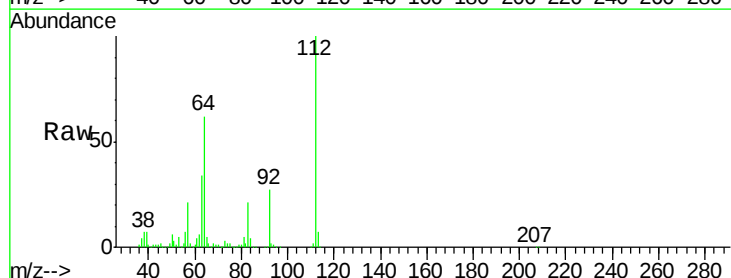
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



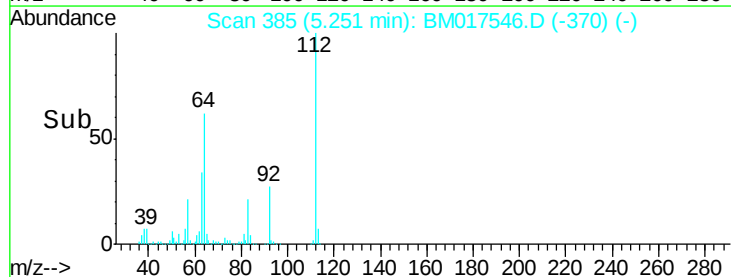
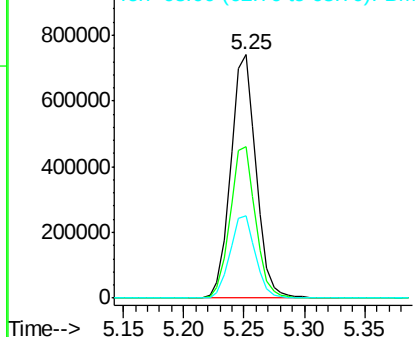
#5

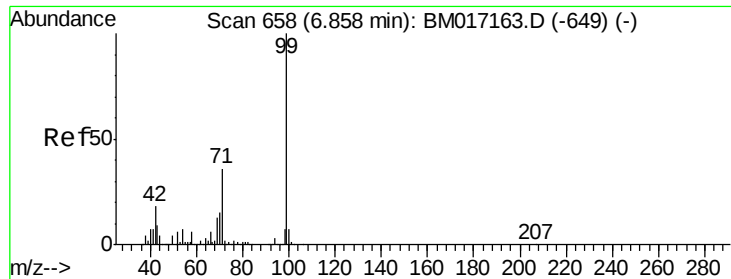
2-Fluorophenol
Concen: 71.755 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017546.D
Acq: 07 Nov 2018 02:40

Tgt Ion:112 Resp: 1083314
Ion Ratio Lower Upper
112 100
64 62.3 41.7 62.5
63 33.7 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: 59.845 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017546.D

Acq: 07 Nov 2018 02:40

Instrument :

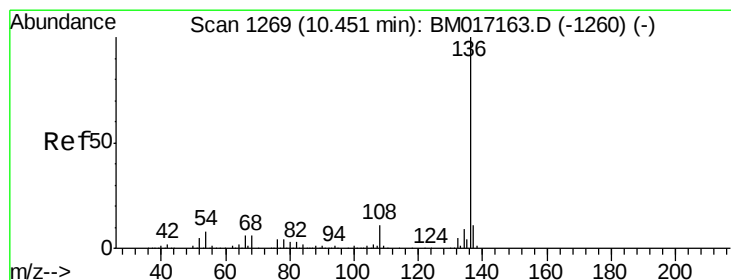
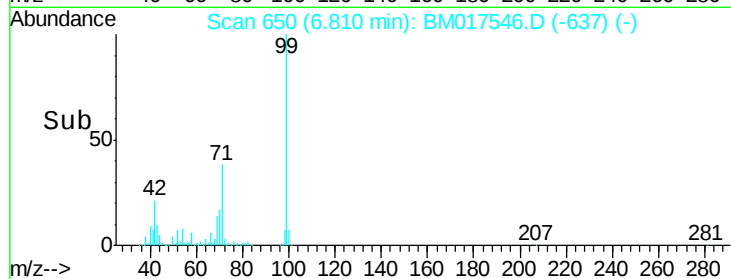
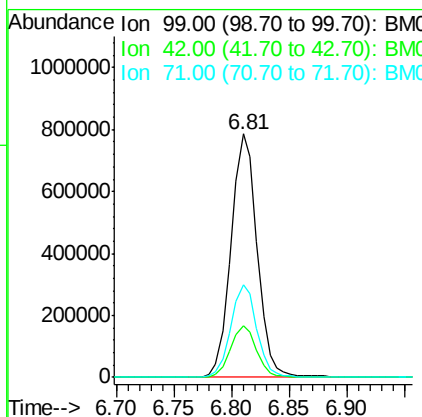
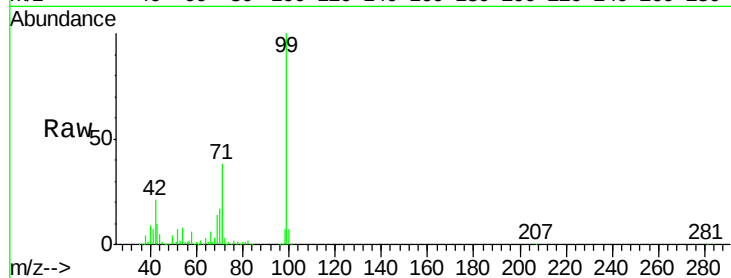
BNA_M

ClientSampled :

TP-4A-D

Tgt Ion: 99 Resp: 1230526

Ion	Ratio	Lower	Upper
99	100		
42	21.1	13.3	19.9#
71	38.2	28.0	42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

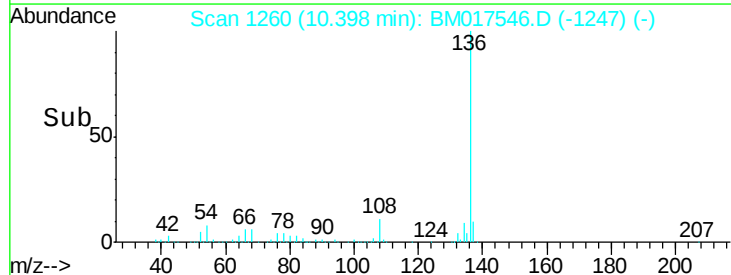
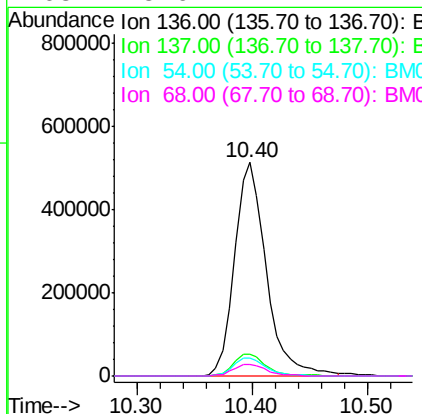
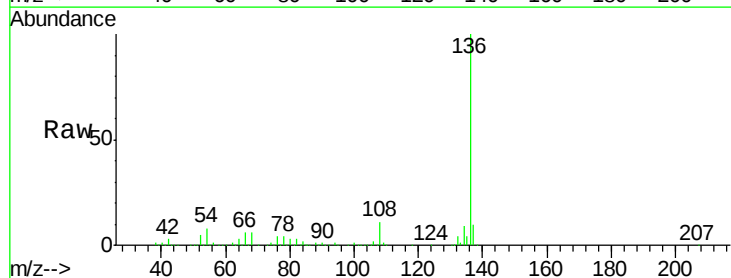
Delta R.T. -0.02 min

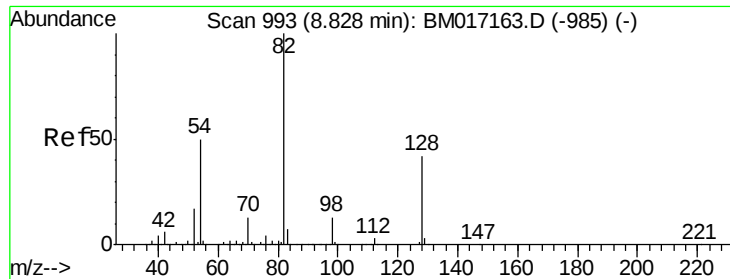
Lab File: BM017546.D

Acq: 07 Nov 2018 02:40

Tgt Ion: 136 Resp: 974954

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	8.2	6.7	10.1
68	5.6	4.7	7.1

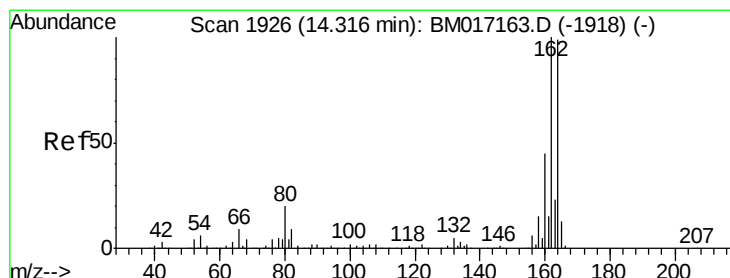
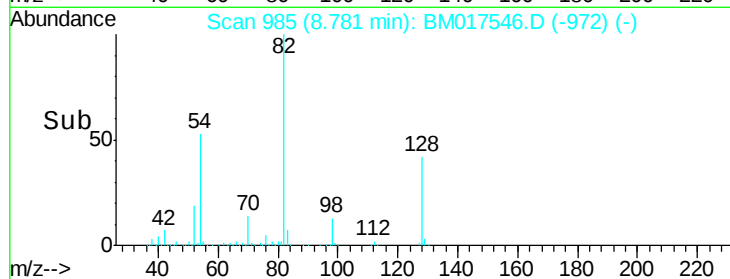
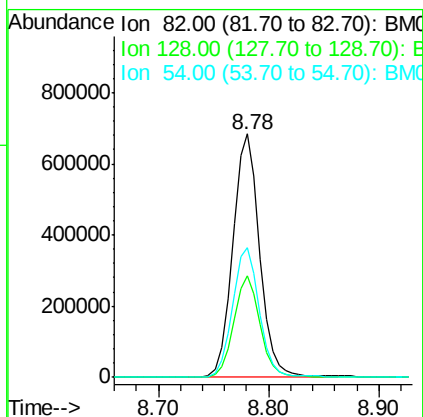
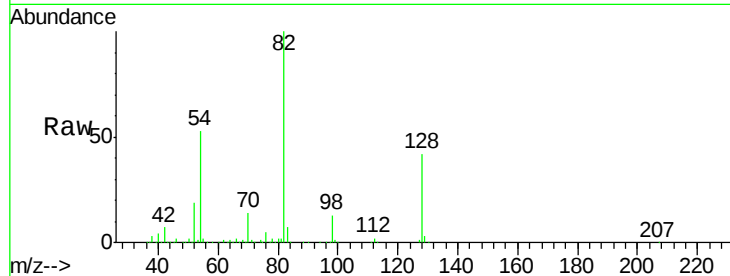




#23
 Nitrobenzene-d5
 Concen: 70.076 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BM017546.D
 Acq: 07 Nov 2018 02:40

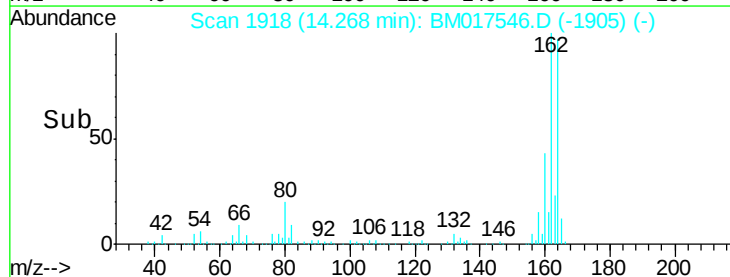
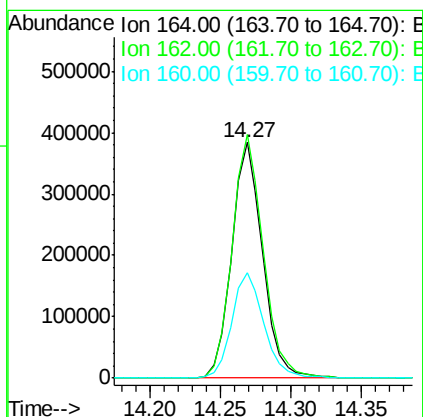
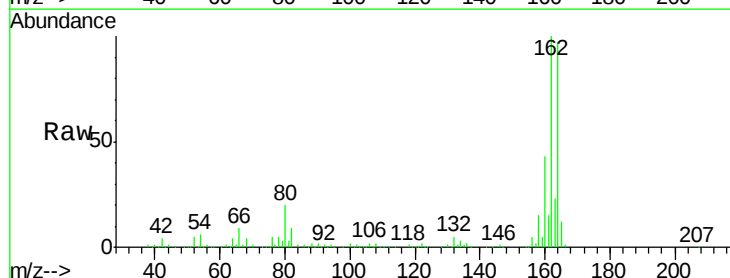
Instrument :
 BNA_M
 ClientSampleId :
 TP-4A-D

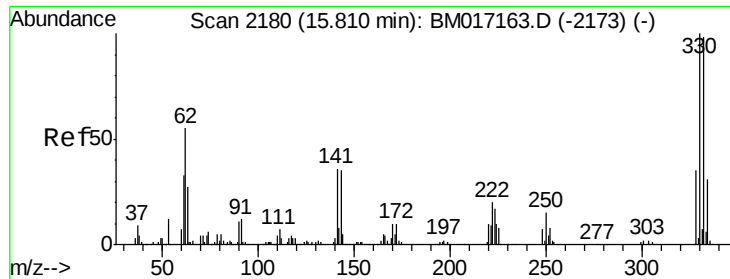
Tgt Ion: 82 Resp: 1168164
 Ion Ratio Lower Upper
 82 100
 128 41.8 37.0 55.6
 54 53.4 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.27 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BM017546.D
 Acq: 07 Nov 2018 02:40

Tgt Ion: 164 Resp: 581753
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.1 123.1
 160 44.8 40.2 60.2

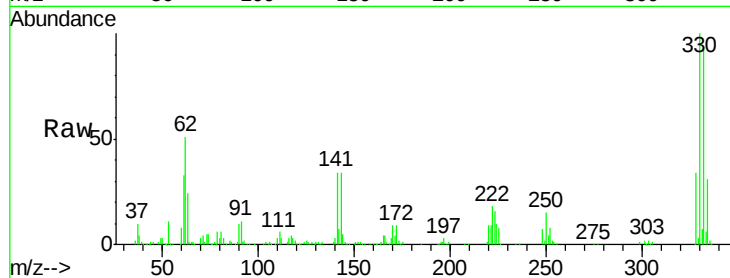




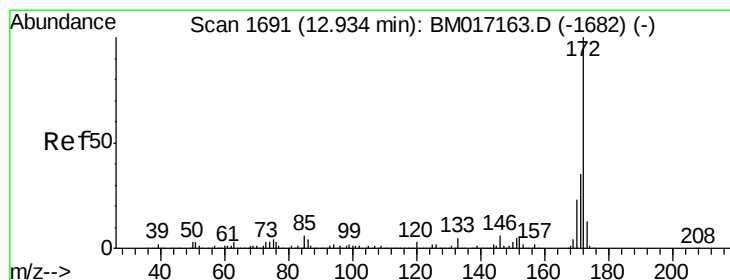
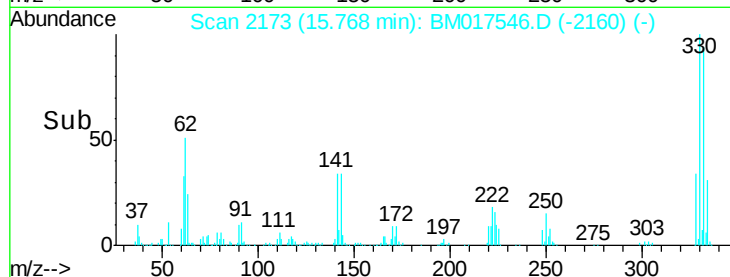
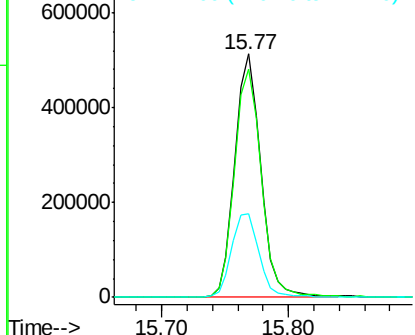
#42
 2,4,6-Tribromophenol
 Concen: 92.849 ng
 RT: 15.77 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM017546.D
 Acq: 07 Nov 2018 02:40

Instrument :
 BNA_M
 ClientSampleId :
 TP-4A-D

Tgt Ion:330 Resp: 730474
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 36.4 27.4 41.0

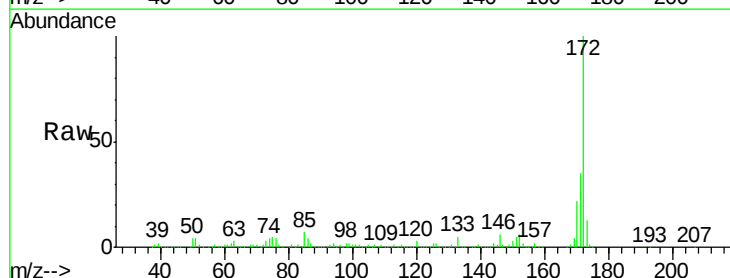


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

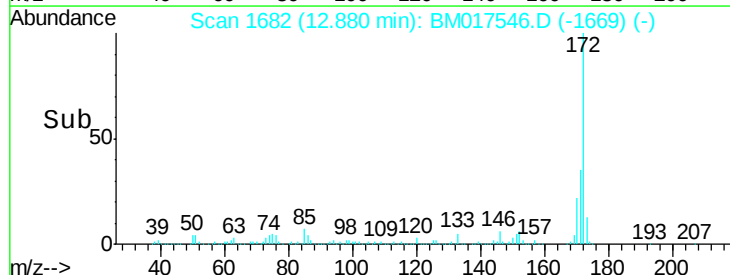
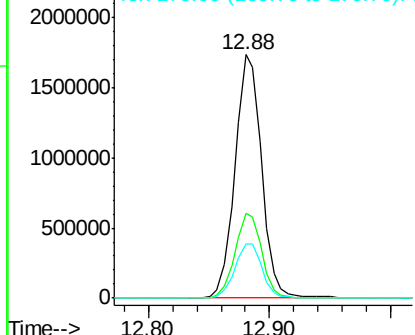


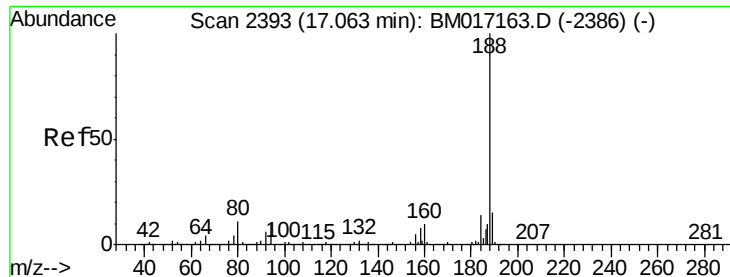
#45
 2-Fluorobiphenyl
 Concen: 61.115 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BM017546.D
 Acq: 07 Nov 2018 02:40

Tgt Ion:172 Resp: 2672149
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.3 42.5
 170 22.5 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

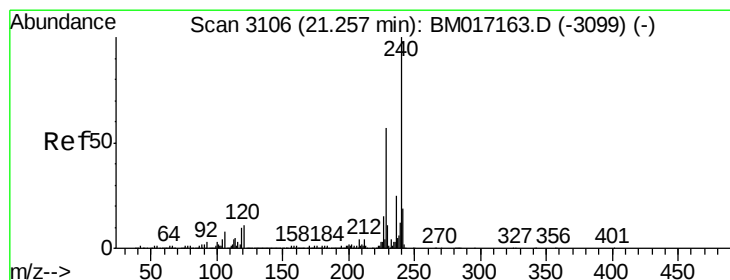
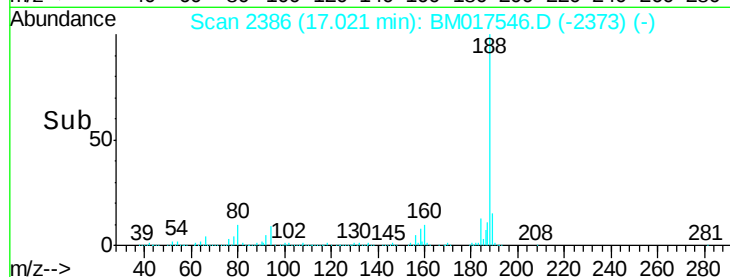
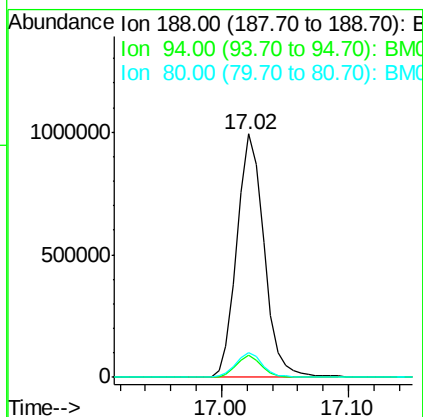
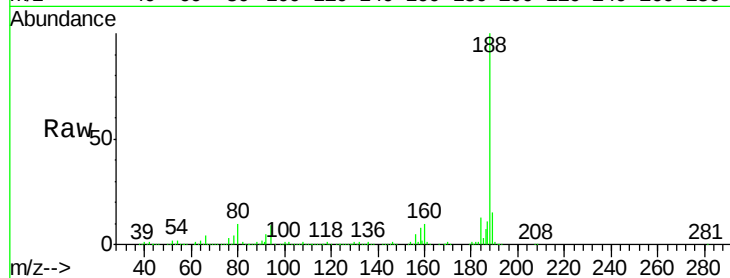




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM017546.D
Acq: 07 Nov 2018 02:40

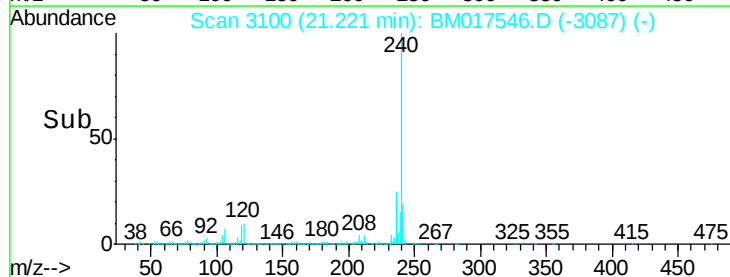
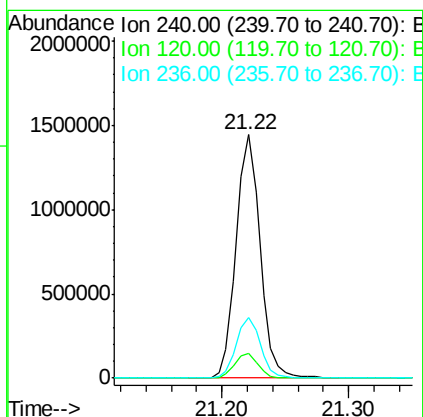
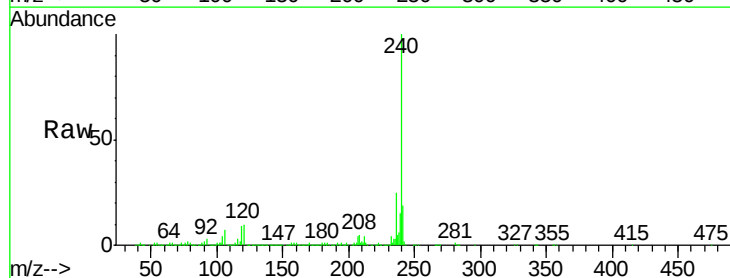
Instrument :
BNA_M
ClientSampled :
TP-4A-D

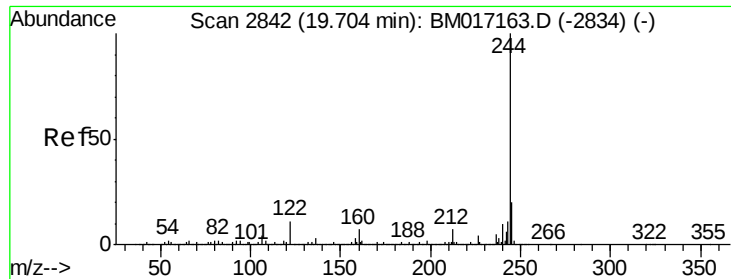
Tgt Ion:188 Resp: 1479854
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 10.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM017546.D
Acq: 07 Nov 2018 02:40

Tgt Ion:240 Resp: 1887033
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 24.7 19.9 29.9

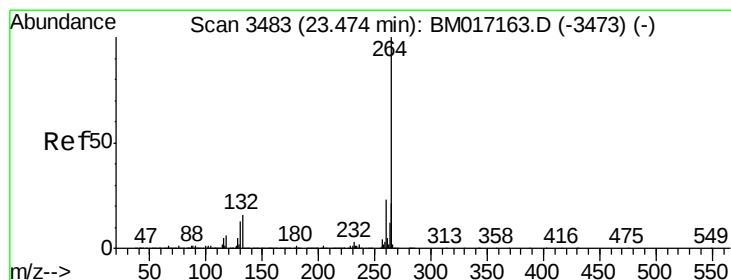
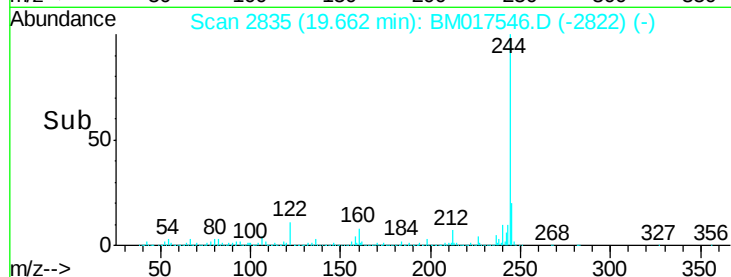
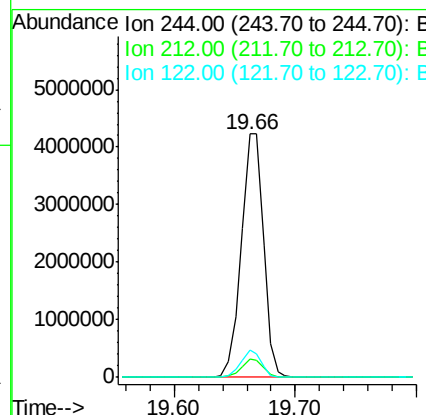
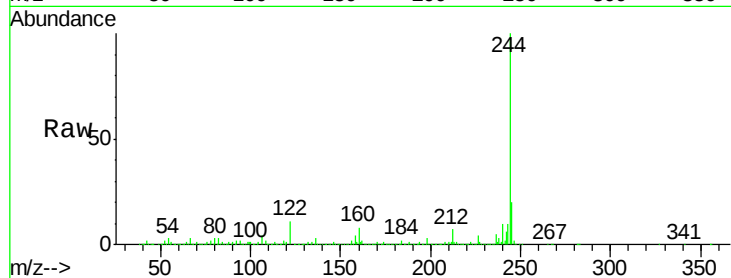




#79
 Terphenyl-d14
 Concen: 65.131 ng
 RT: 19.66 min Scan# 2835
 Delta R.T. -0.02 min
 Lab File: BM017546.D
 Acq: 07 Nov 2018 02:40

Instrument :
 BNA_M
 ClientSampled :
 TP-4A-D

Tgt Ion:244 Resp: 5452751
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 11.1 8.4 12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.42 min Scan# 3474
 Delta R.T. -0.03 min
 Lab File: BM017546.D
 Acq: 07 Nov 2018 02:40

Tgt Ion:264 Resp: 2025810
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.3 17.8 26.8

