

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110718\
 Data File : BM017540.D
 Acq On : 06 Nov 2018 23:04
 Operator : MJ/SJ
 Sample : J5805-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(41-45)

Quant Time: Nov 07 09:05:58 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	210739	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	808678	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	482500	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1233240	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1545320	20.00	ng	-0.02
87) Perylene-d12	23.41	264	1667338	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1437582	115.38	ng	-0.01
7) Phenol-d6	6.82	99	1661943	97.94	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1338421	96.80	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	1014479	155.47	ng	-0.02
45) 2-Fluorobiphenyl	12.89	172	3099816	85.48	ng	-0.02
79) Terphenyl-d14	19.67	244	6224220	90.79	ng	-0.02

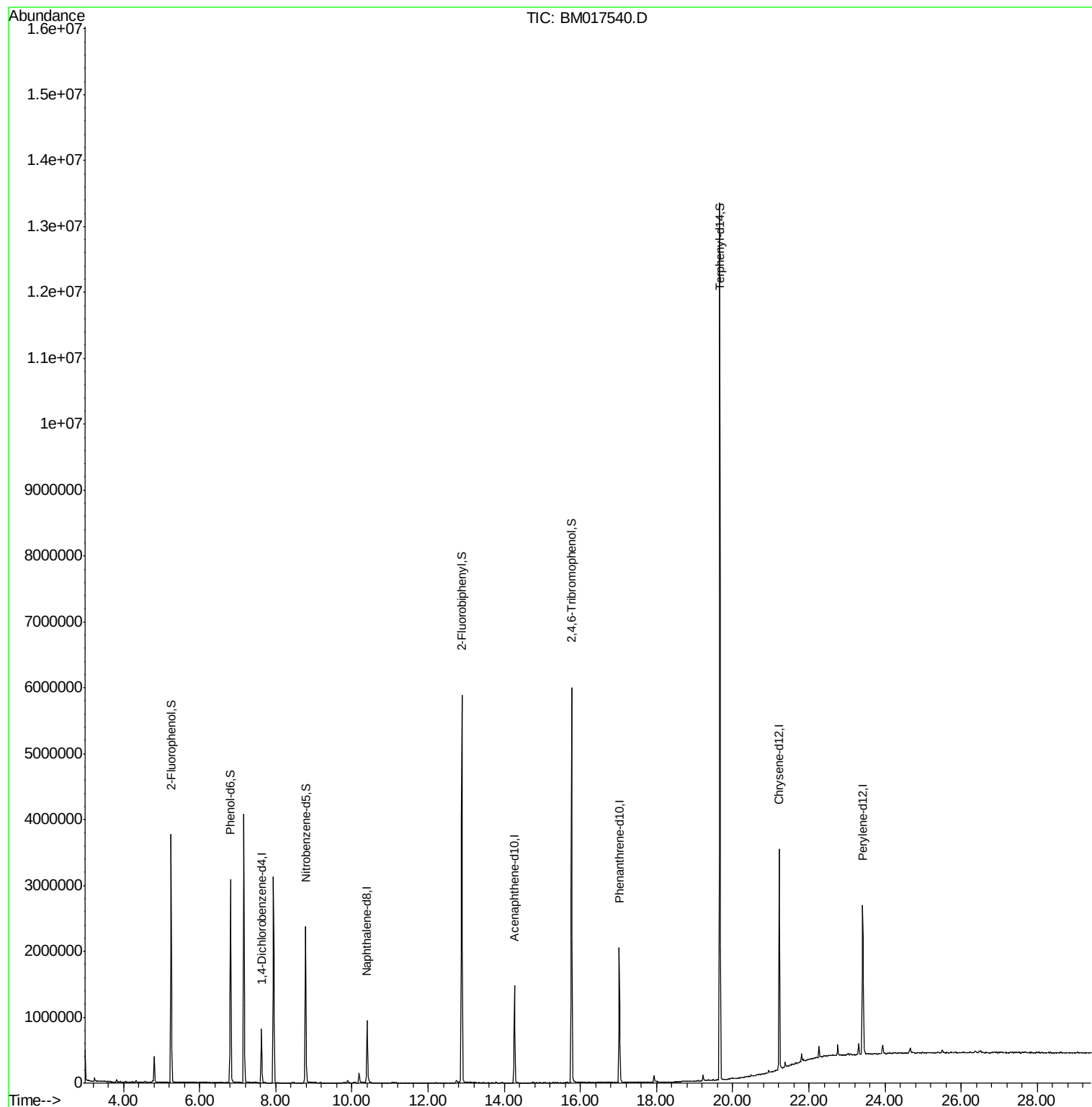
Target Compounds	Qvalue
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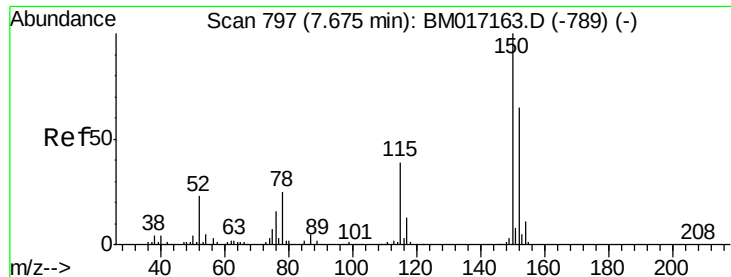
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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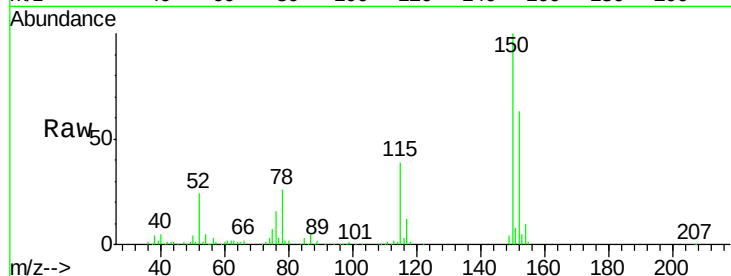


#1

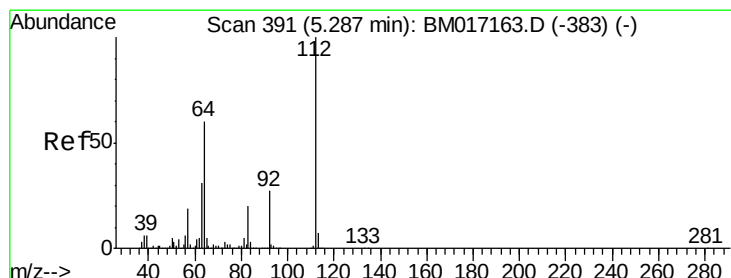
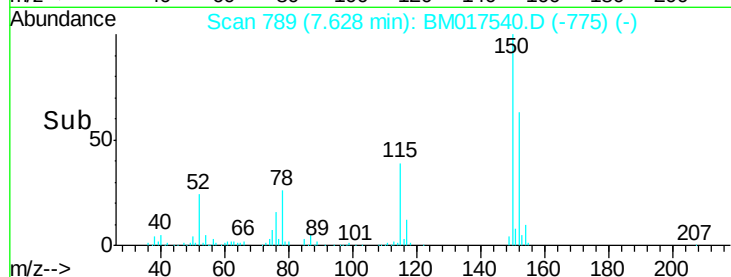
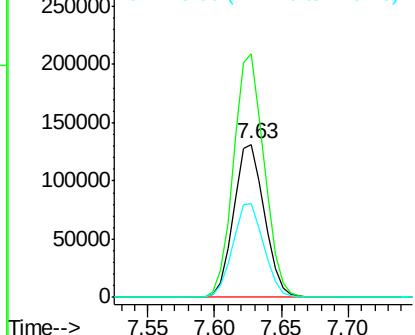
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017540.D
Acq: 06 Nov 2018 23:04

Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(41-45)

Tgt Ion:152 Resp: 210739
Ion Ratio Lower Upper
152 100
150 159.1 124.3 186.5
115 61.7 48.1 72.1



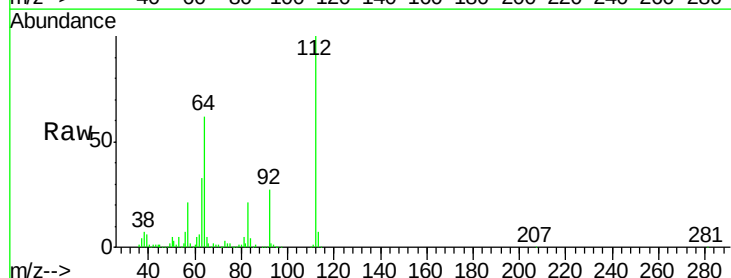
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



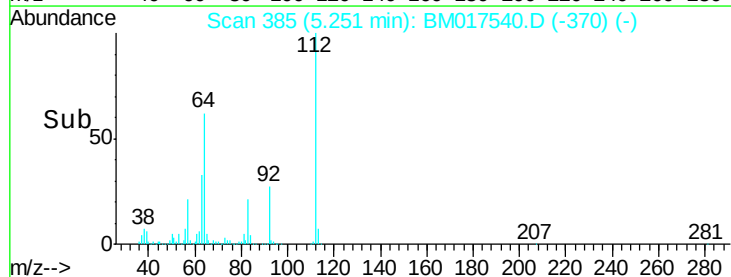
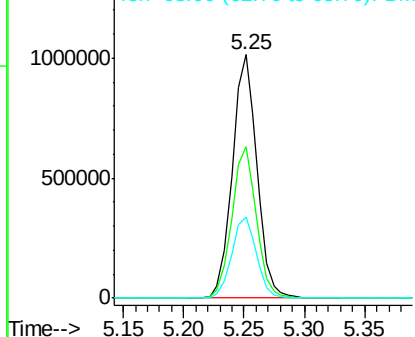
#5

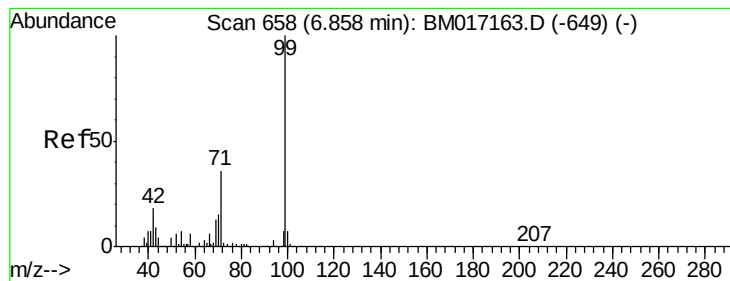
2-Fluorophenol
Concen: 115.376 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017540.D
Acq: 06 Nov 2018 23:04

Tgt Ion:112 Resp: 1437582
Ion Ratio Lower Upper
112 100
64 62.3 41.7 62.5
63 33.5 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: 97.936 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017540.D

Acq: 06 Nov 2018 23:04

Instrument :

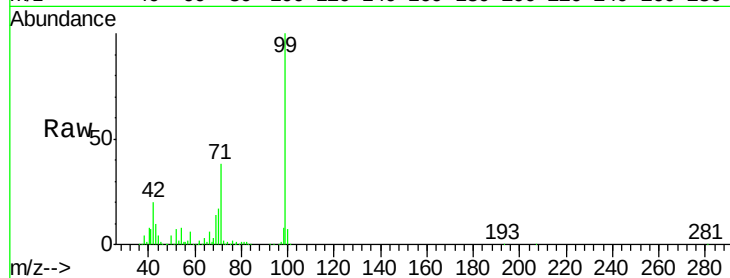
BNA_M

ClientSampleId :

COMP-SAMPLES(41-45)

Tgt Ion: 99 Resp: 1661943

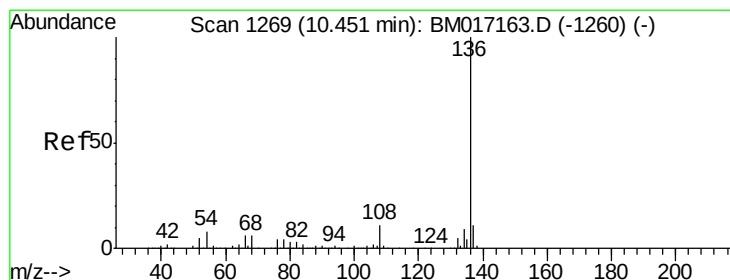
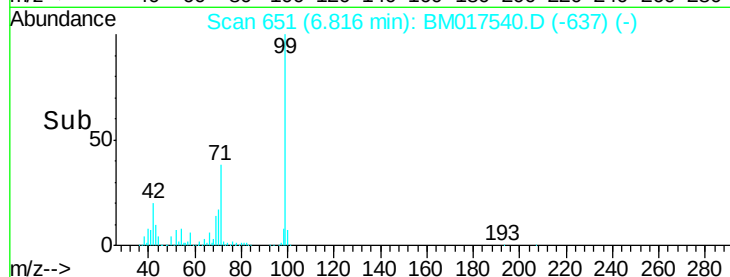
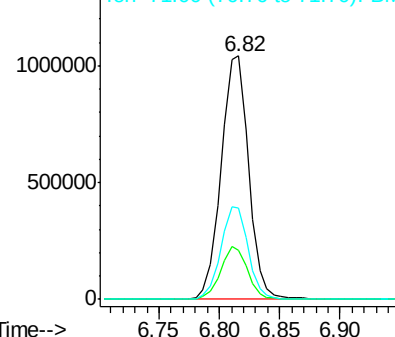
Ion	Ratio	Lower	Upper
99	100		
42	19.9	13.3	19.9#
71	37.6	28.0	42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017540.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM017540.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM017540.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

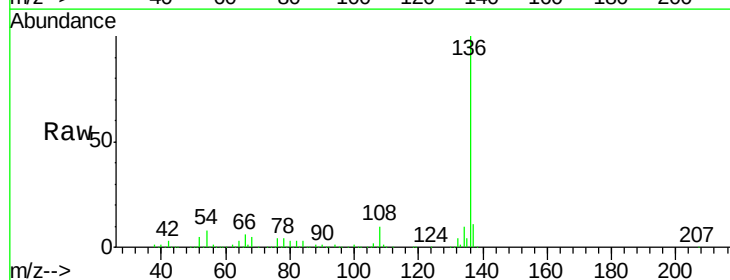
Delta R.T. -0.02 min

Lab File: BM017540.D

Acq: 06 Nov 2018 23:04

Tgt Ion: 136 Resp: 808678

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.2	6.7	10.1
68	5.4	4.7	7.1

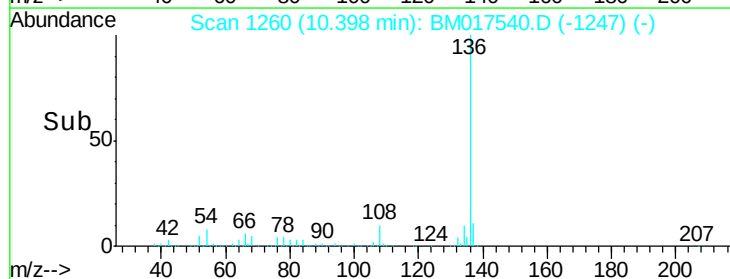
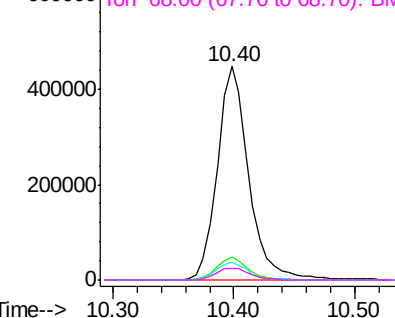


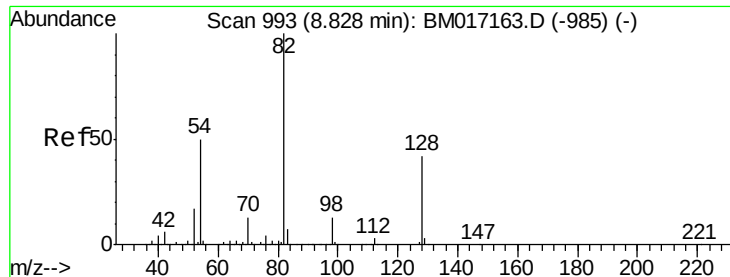
Abundance Ion 136.00 (135.70 to 136.70): BM017540.D (-1247) (-)

Ion 137.00 (136.70 to 137.70): BM017540.D (-1247) (-)

Ion 54.00 (53.70 to 54.70): BM017540.D (-1247) (-)

Ion 68.00 (67.70 to 68.70): BM017540.D (-1247) (-)

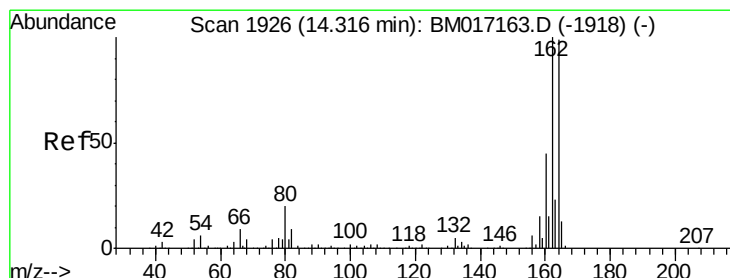
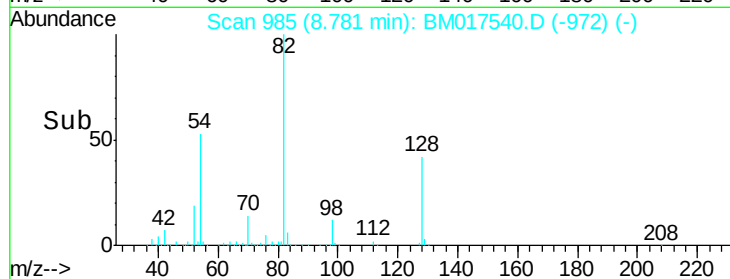
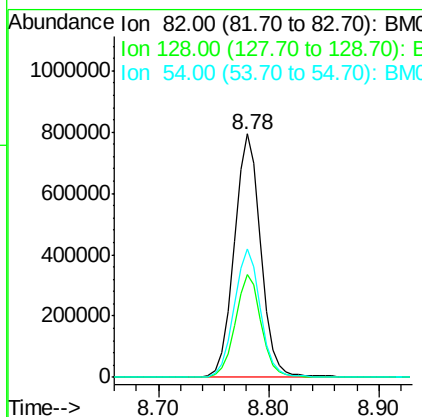
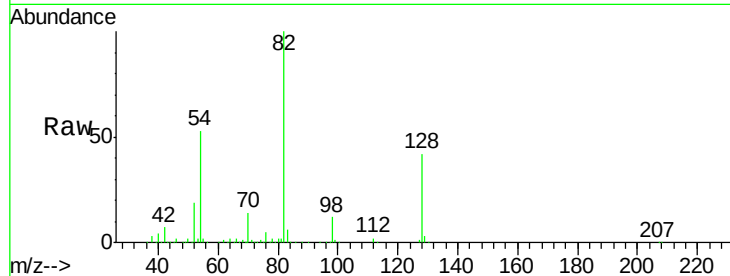




#23
 Nitrobenzene-d5
 Concen: 96.798 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BM017540.D
 Acq: 06 Nov 2018 23:04

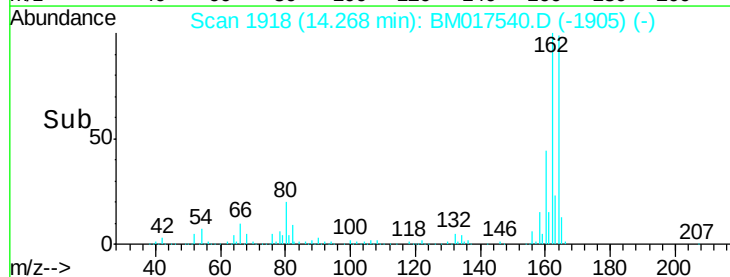
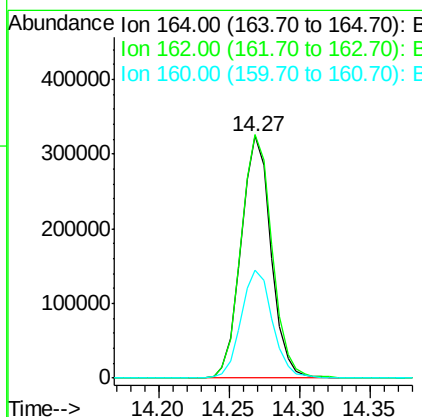
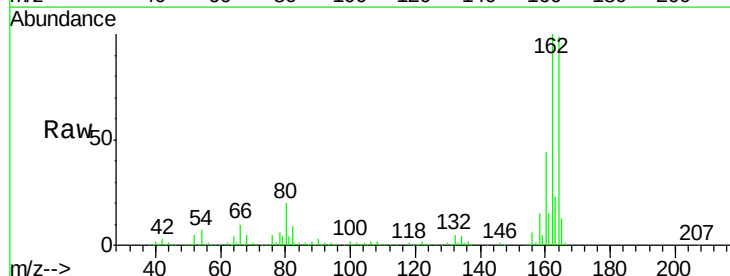
Instrument :
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 COMP-SAMPLES(41-45)

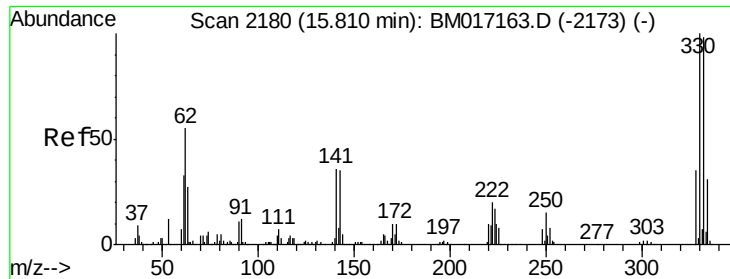
Tgt Ion: 82 Resp: 1338421
 Ion Ratio Lower Upper
 82 100
 128 42.1 37.0 55.6
 54 52.6 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.27 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BM017540.D
 Acq: 06 Nov 2018 23:04

Tgt Ion: 164 Resp: 482500
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.1 123.1
 160 44.6 40.2 60.2

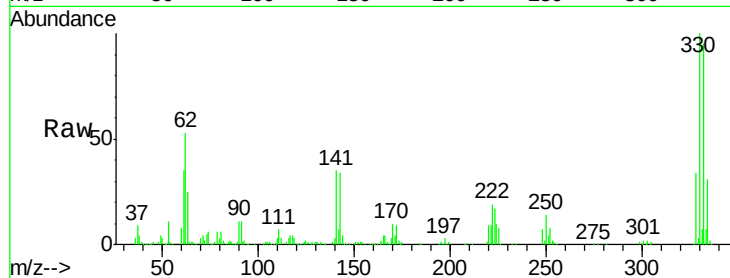




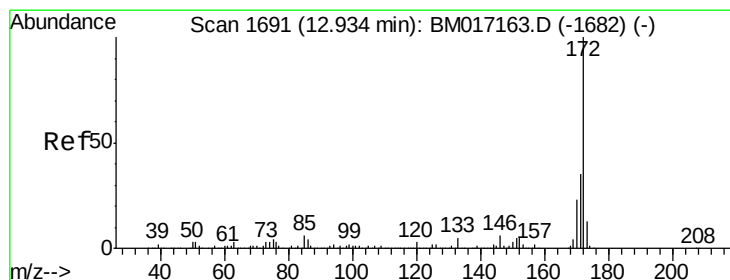
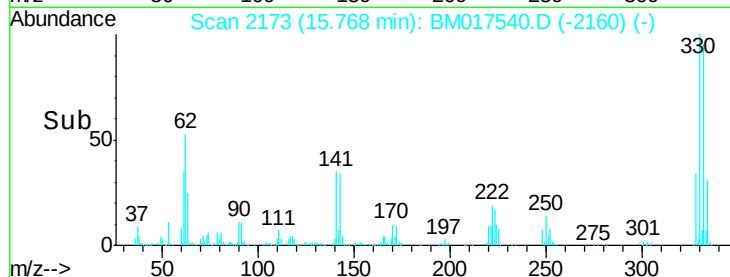
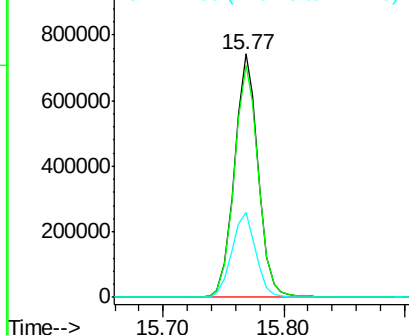
#42
 2,4,6-Tribromophenol
 Concen: 155.473 ng
 RT: 15.77 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM017540.D
 Acq: 06 Nov 2018 23:04

Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(41-45)

Tgt Ion:330 Resp: 1014479
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 35.6 27.4 41.0

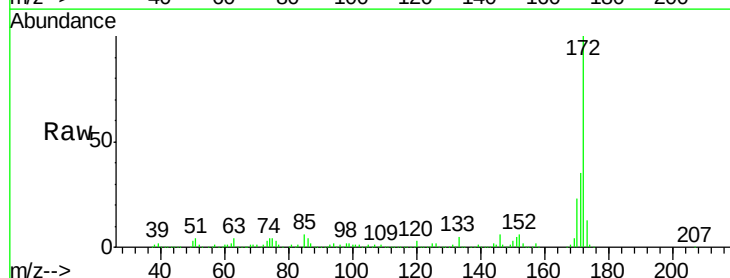


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

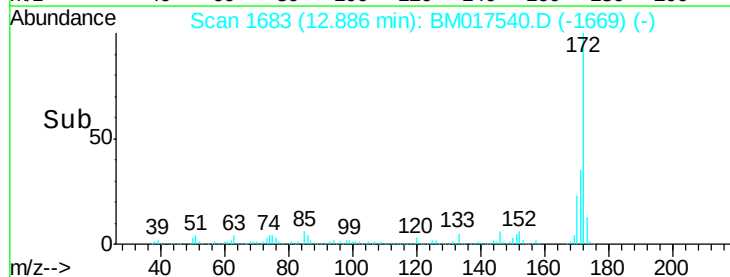
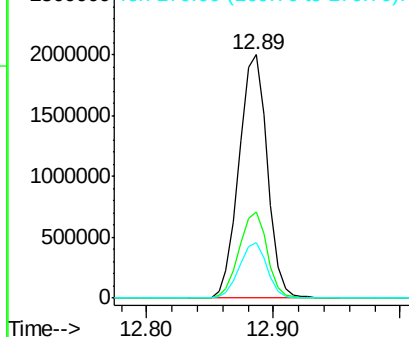


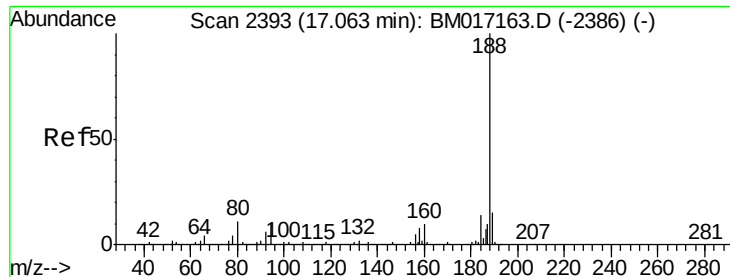
#45
 2-Fluorobiphenyl
 Concen: 85.481 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BM017540.D
 Acq: 06 Nov 2018 23:04

Tgt Ion:172 Resp: 3099816
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 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

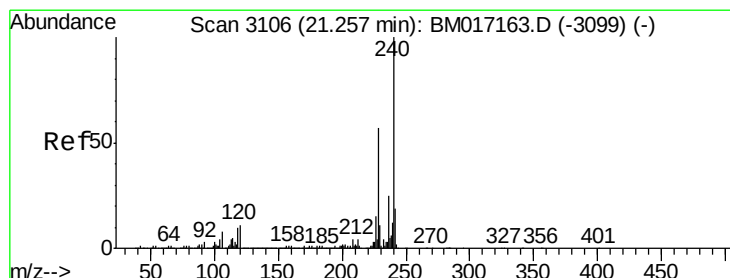
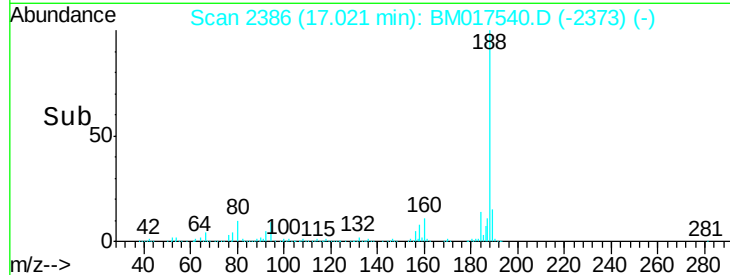
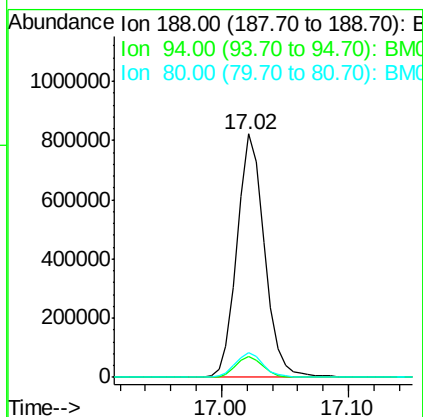
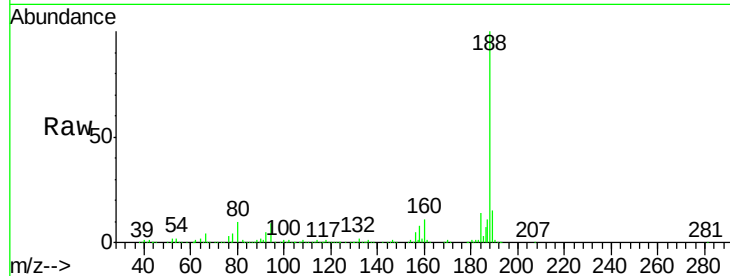




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM017540.D
Acq: 06 Nov 2018 23:04

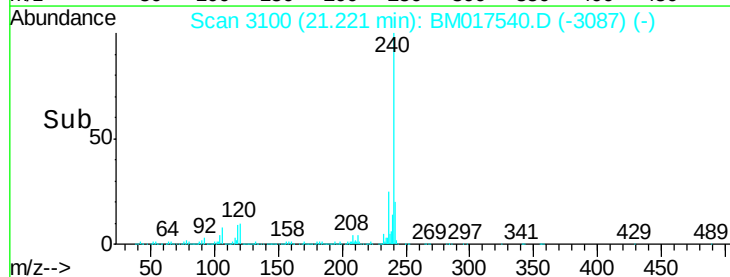
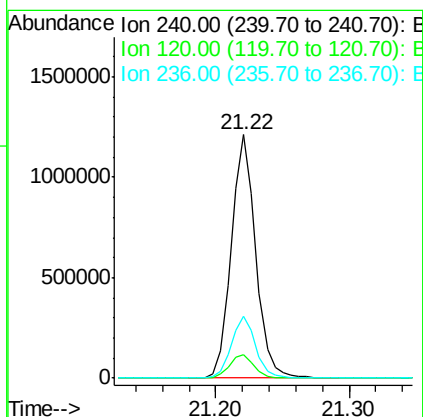
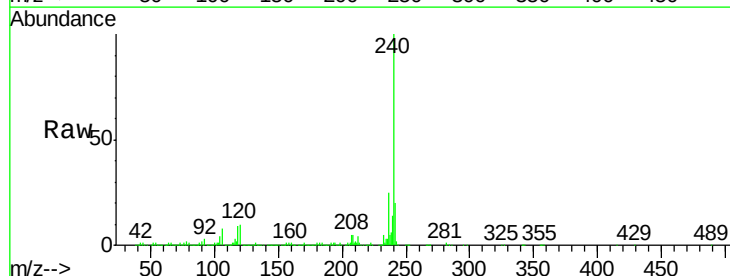
Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(41-45)

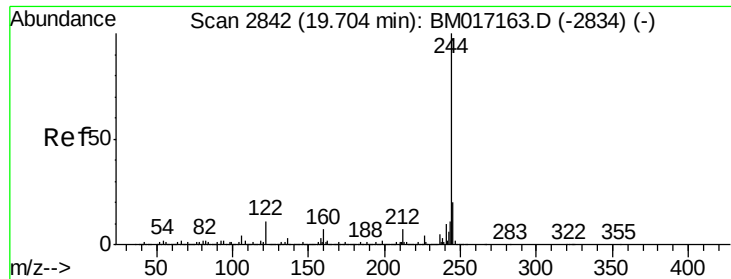
Tgt Ion:188 Resp: 1233240
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 10.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM017540.D
Acq: 06 Nov 2018 23:04

Tgt Ion:240 Resp: 1545320
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 25.3 19.9 29.9





#79

Terphenyl-d14

Concen: 90.786 ng

RT: 19.67 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM017540.D

Acq: 06 Nov 2018 23:04

Instrument :

BNA_M

ClientSampleId :

COMP-SAMPLES(41-45)

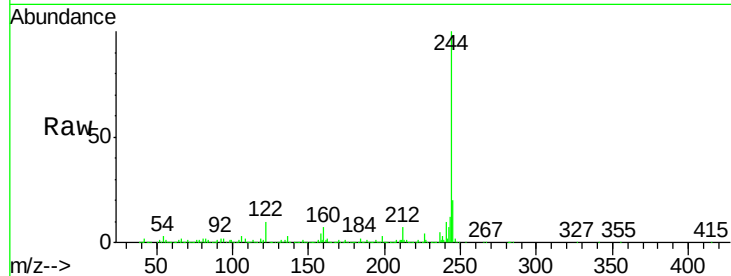
Tgt Ion:244 Resp: 6224220

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

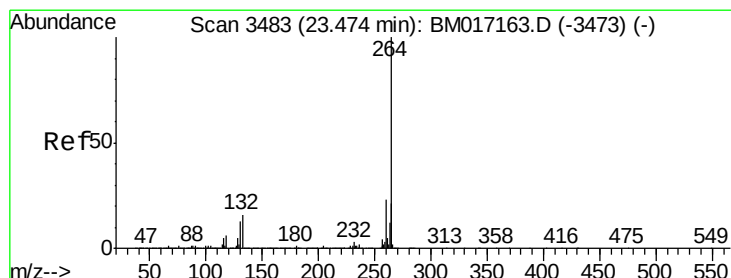
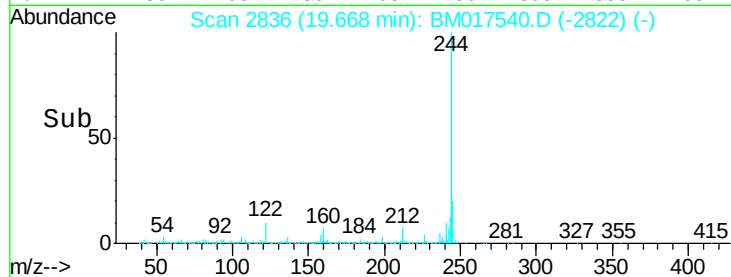
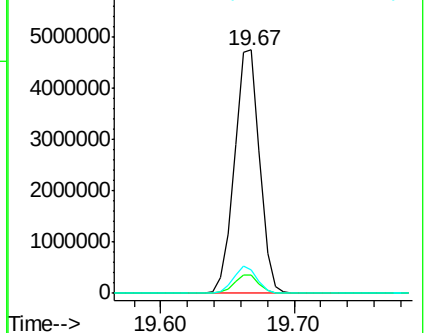
122 9.9 8.4 12.6



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: 23.41 min Scan# 3473

Delta R.T. -0.04 min

Lab File: BM017540.D

Acq: 06 Nov 2018 23:04

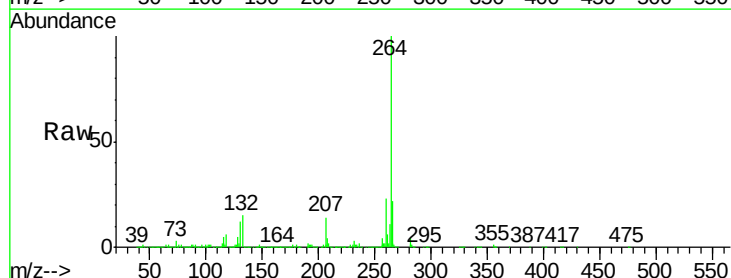
Tgt Ion:264 Resp: 1667338

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 22.5 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

