

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
 Data File : BM017300.D
 Acq On : 24 Oct 2018 00:31
 Operator : MJ/SJ
 Sample : J5622-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 KG-V23608

Quant Time: Oct 24 08:02:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	278742	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1104175	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	635478	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1555385	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1622887	20.00	ng	-0.02
87) Perylene-d12	23.45	264	1327733	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1908949	115.83	ng	0.00
7) Phenol-d6	6.85	99	2306997	102.78	ng	-0.01
23) Nitrobenzene-d5	8.81	82	1667938	88.35	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1212688	141.11	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3939214	82.48	ng	-0.02
79) Terphenyl-d14	19.69	244	6667648	92.61	ng	-0.01

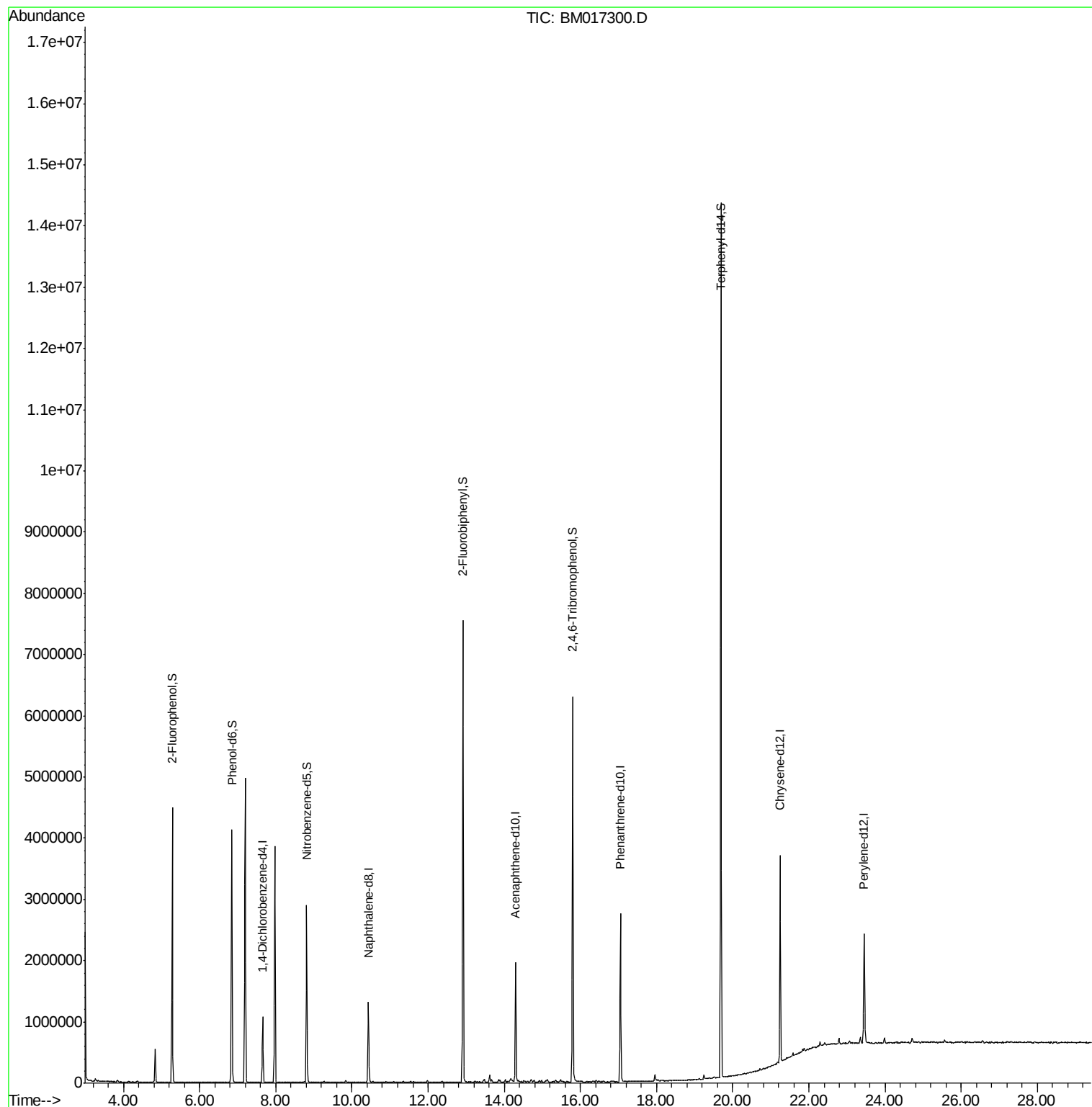
Target Compounds	Qvalue
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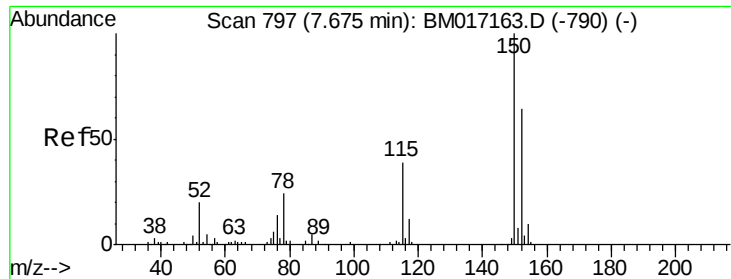
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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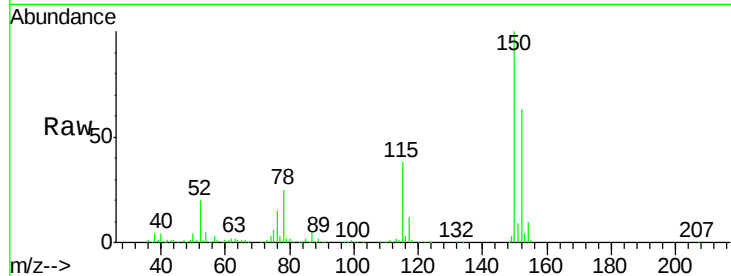


#1

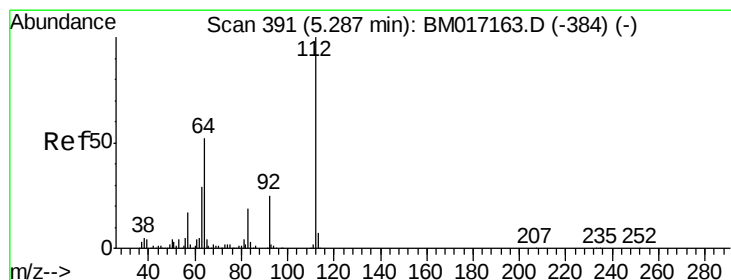
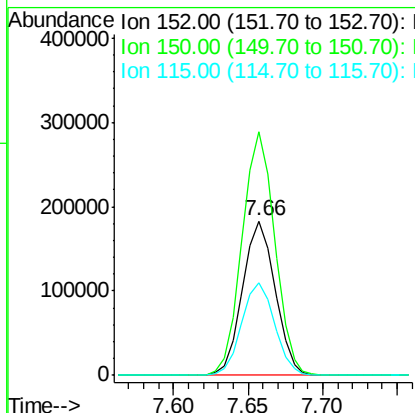
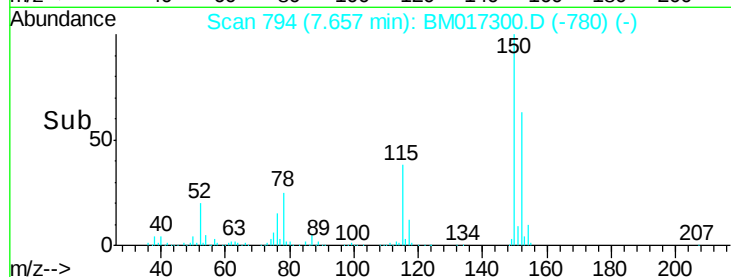
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.66 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BM017300.D
 Acq: 24 Oct 2018 00:31

Instrument :
 BNA_M
 ClientSampleId :
 KG-V23608

Tgt Ion:152 Resp: 278742
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.3 186.5
 115 60.4 48.1 72.1



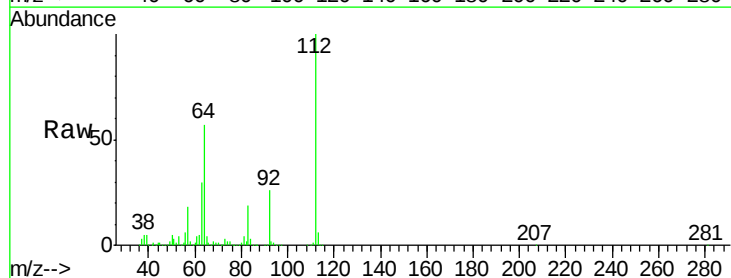
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



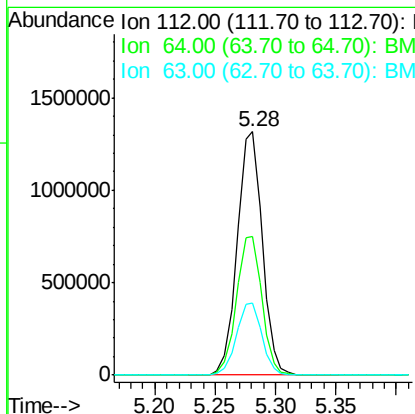
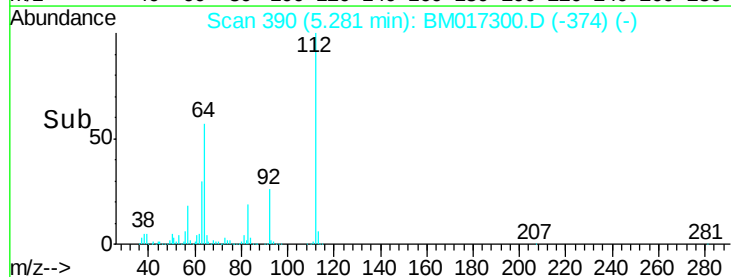
#5

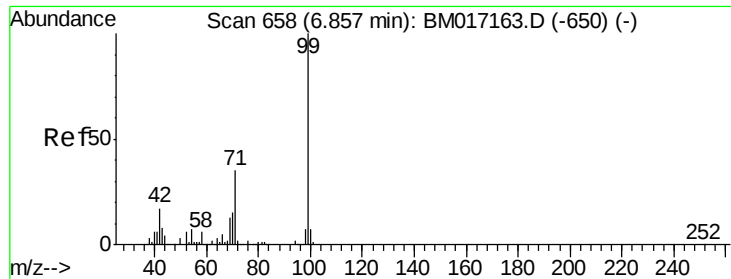
2-Fluorophenol
 Concen: 115.830 ng
 RT: 5.28 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: BM017300.D
 Acq: 24 Oct 2018 00:31

Tgt Ion:112 Resp: 1908949
 Ion Ratio Lower Upper
 112 100
 64 56.8 41.7 62.5
 63 29.8 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: 102.782 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017300.D

Acq: 24 Oct 2018 00:31

Instrument :

BNA_M

ClientSampleId :

KG-V23608

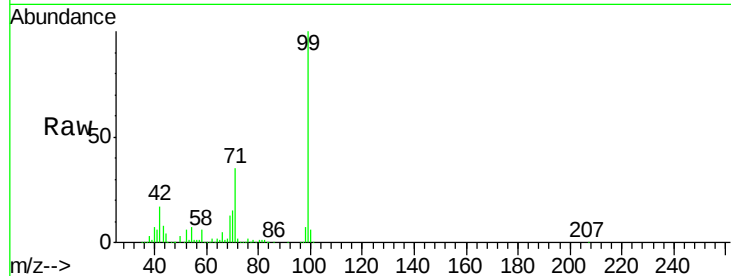
Tgt Ion: 99 Resp: 2306997

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.3	19.9
71	35.1	28.0	42.0

99 100

42 17.3 13.3 19.9

71 35.1 28.0 42.0

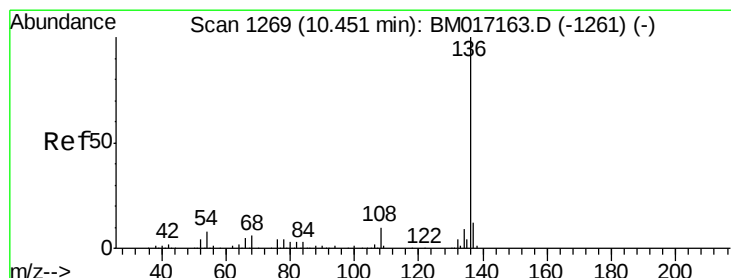
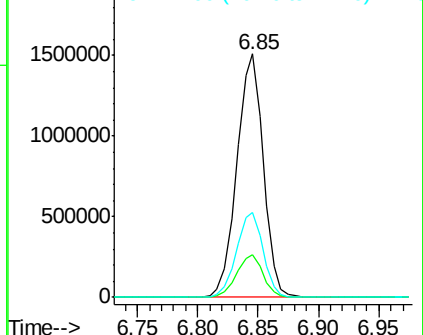
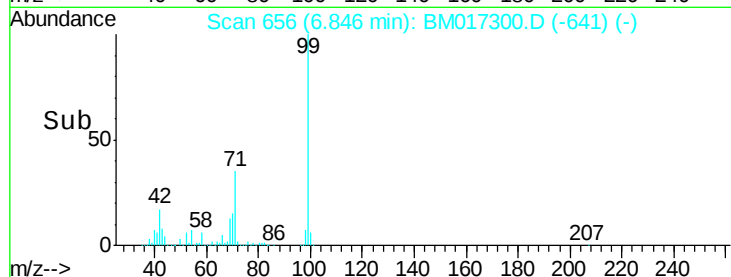


Abundance

Ion 99.00 (98.70 to 99.70): BM017300.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017300.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017300.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017300.D

Acq: 24 Oct 2018 00:31

Tgt Ion: 136 Resp: 1104175

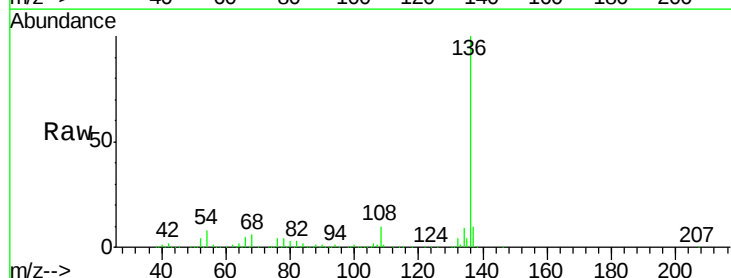
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.9	6.7	10.1
68	5.6	4.7	7.1

136 100

137 10.5 9.2 13.8

54 7.9 6.7 10.1

68 5.6 4.7 7.1



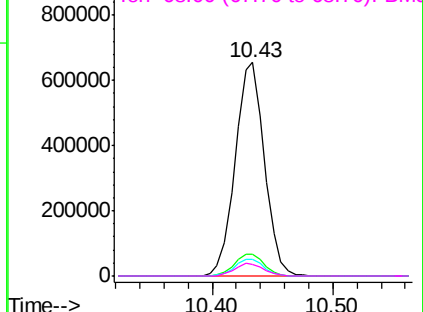
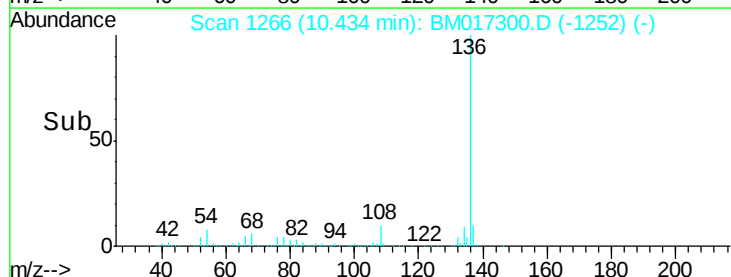
Abundance

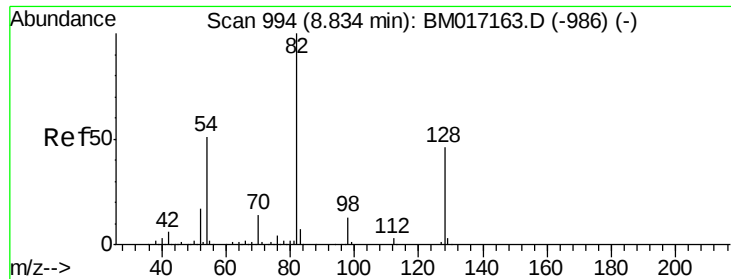
Ion 136.00 (135.70 to 136.70): BM017300.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM017300.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM017300.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM017300.D (-1252) (-)

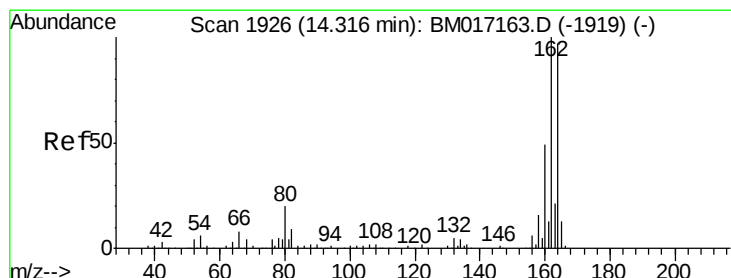
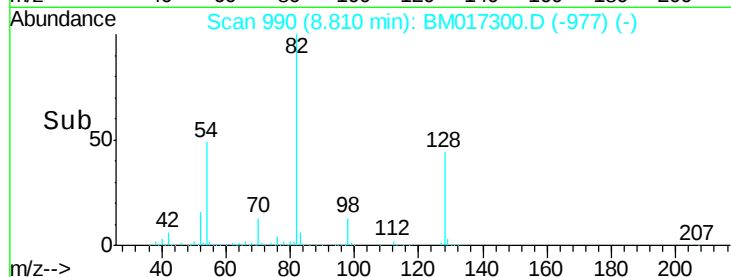
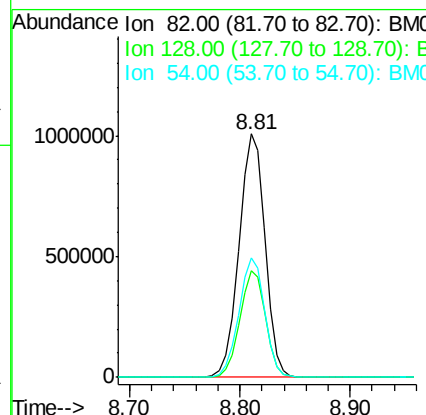
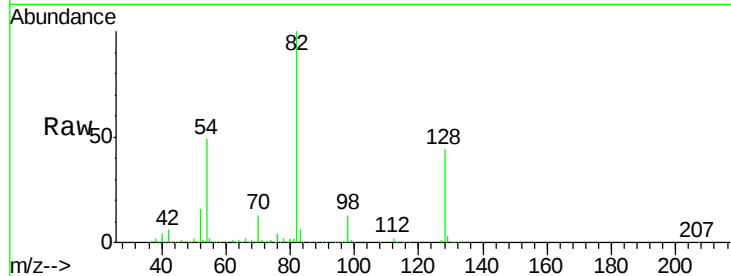




#23
 Nitrobenzene-d5
 Concen: 88.347 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM017300.D
 Acq: 24 Oct 2018 00:31

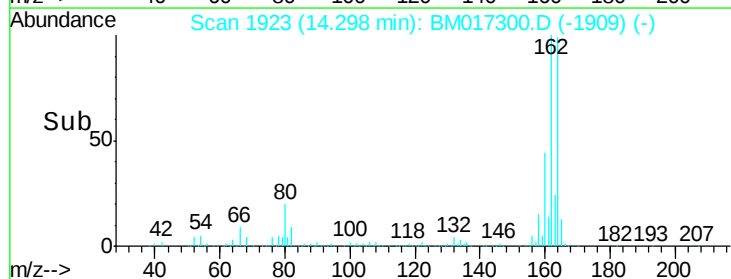
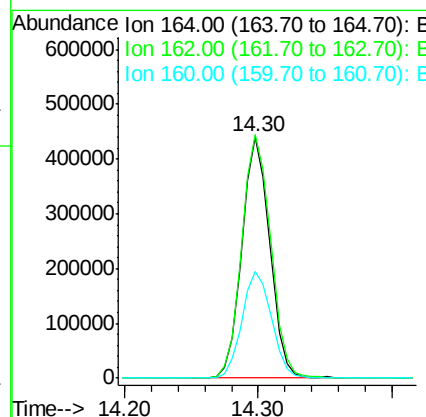
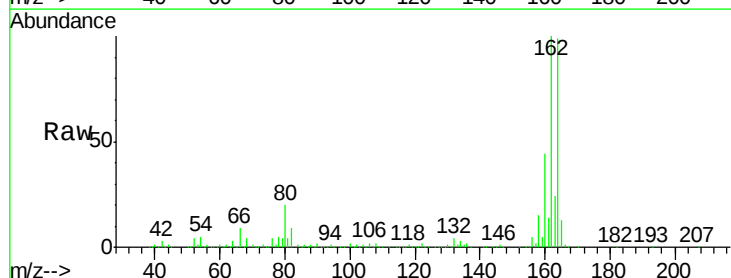
Instrument :
 BNA_M
 ClientSampleId :
 KG-V23608

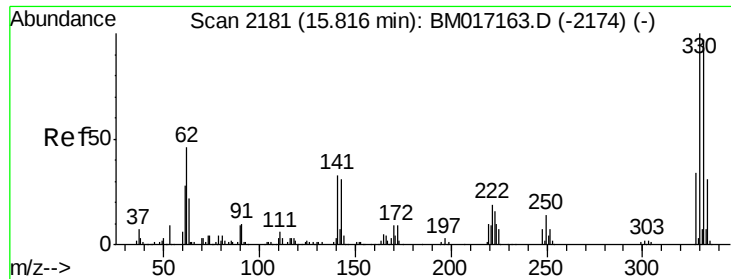
Tgt Ion: 82 Resp: 1667938
 Ion Ratio Lower Upper
 82 100
 128 43.7 37.0 55.6
 54 48.9 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BM017300.D
 Acq: 24 Oct 2018 00:31

Tgt Ion: 164 Resp: 635478
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.1 123.1
 160 44.0 40.2 60.2

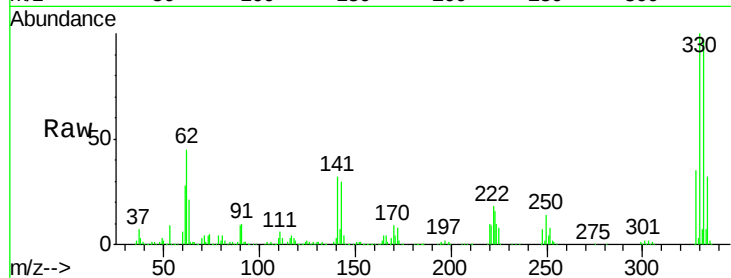




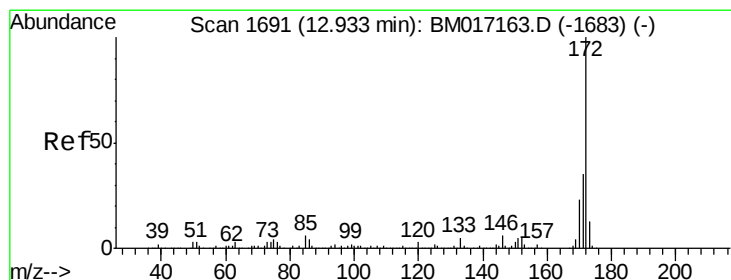
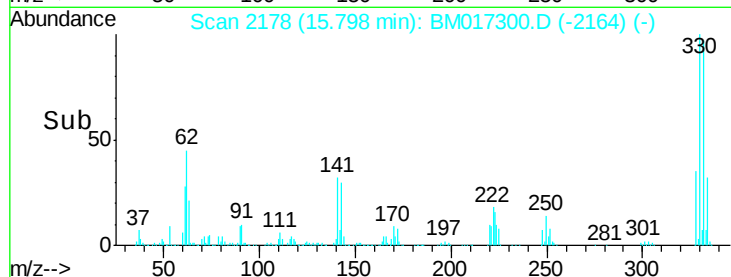
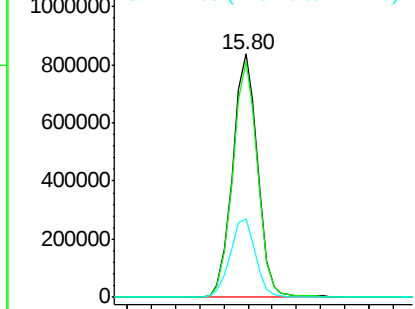
#42
 2,4,6-Tribromophenol
 Concen: 141.110 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017300.D
 Acq: 24 Oct 2018 00:31

Instrument :
 BNA_M
 ClientSampled :
 KG-V23608

Tgt Ion:330 Resp: 1212688
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 33.1 27.4 41.0

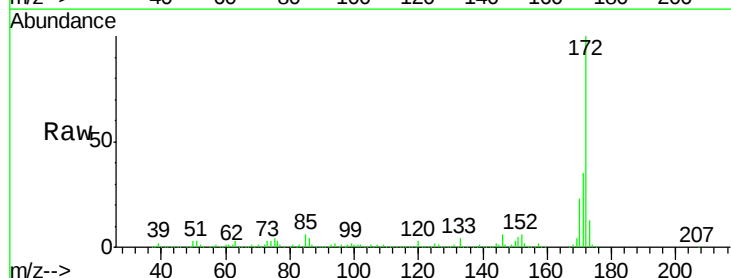


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

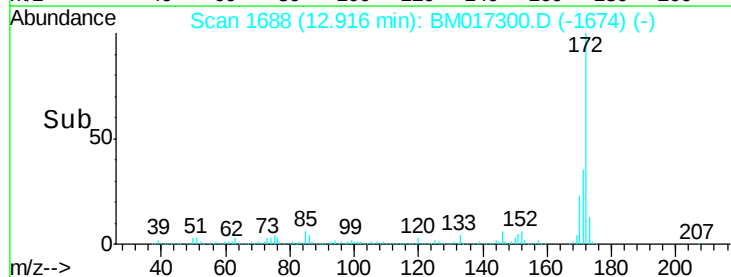
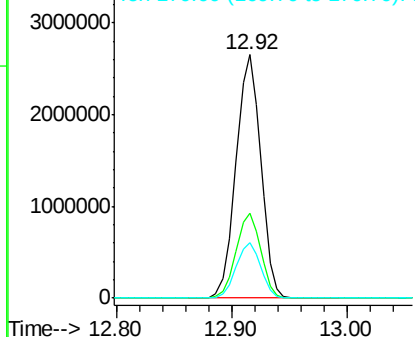


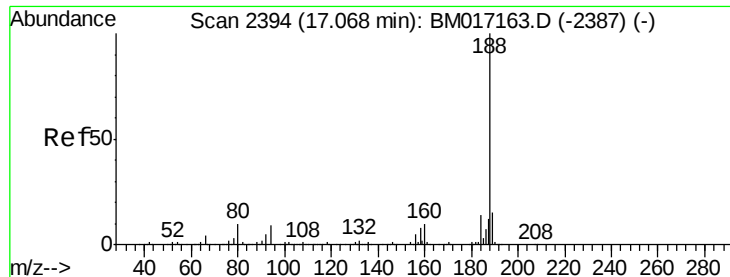
#45
 2-Fluorobiphenyl
 Concen: 82.478 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017300.D
 Acq: 24 Oct 2018 00:31

Tgt Ion:172 Resp: 3939214
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.3 42.5
 170 22.7 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

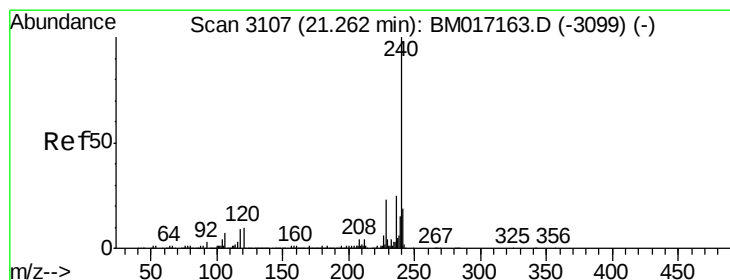
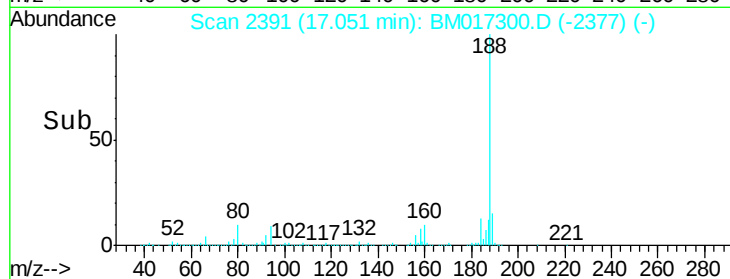
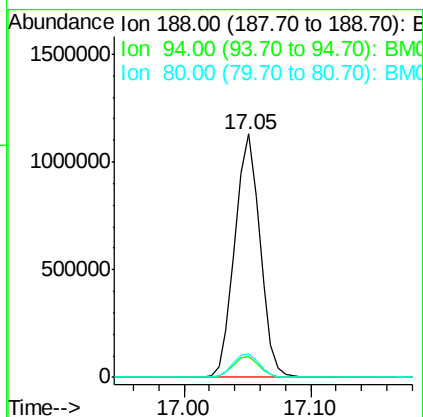
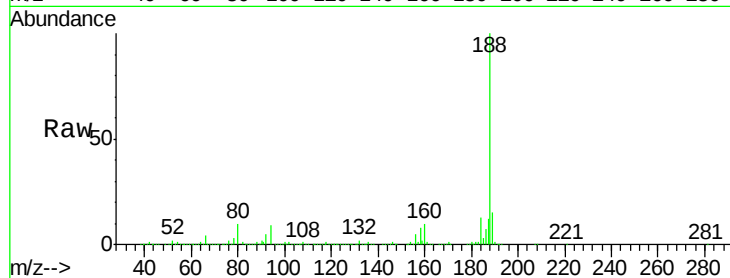




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017300.D
Acq: 24 Oct 2018 00:31

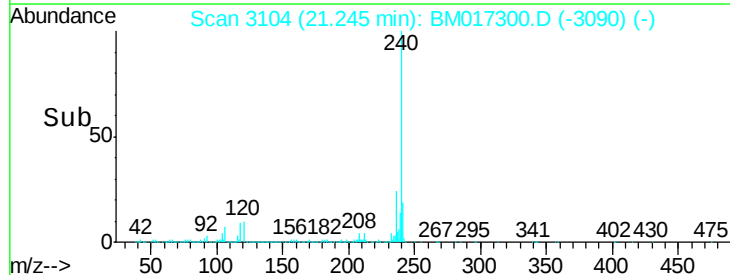
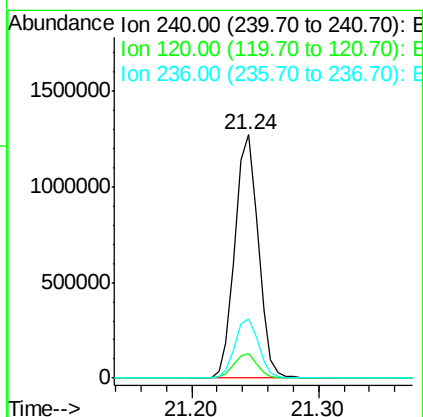
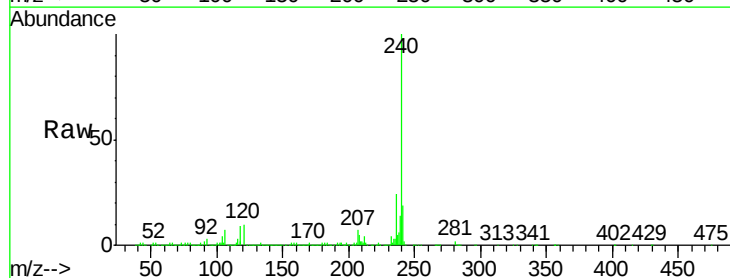
Instrument :
BNA_M
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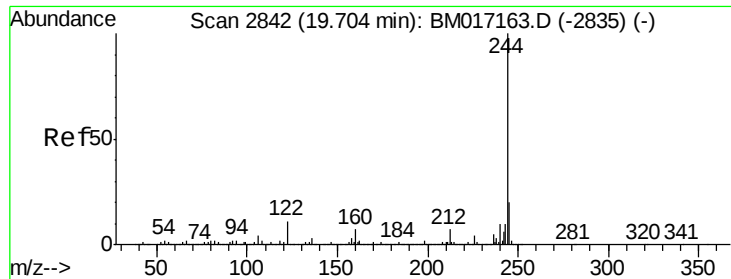
Tgt Ion:188 Resp: 1555385
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017300.D
Acq: 24 Oct 2018 00:31

Tgt Ion:240 Resp: 1622887
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 24.4 19.9 29.9





#79

Terphenyl-d14

Concen: 92.606 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017300.D

Acq: 24 Oct 2018 00:31

Instrument :

BNA_M

ClientSampleId :

KG-V23608

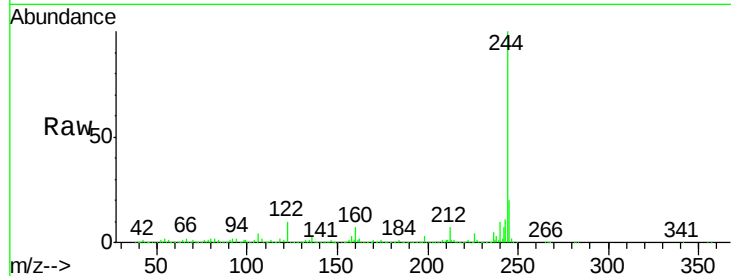
Tgt Ion:244 Resp: 6667648

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

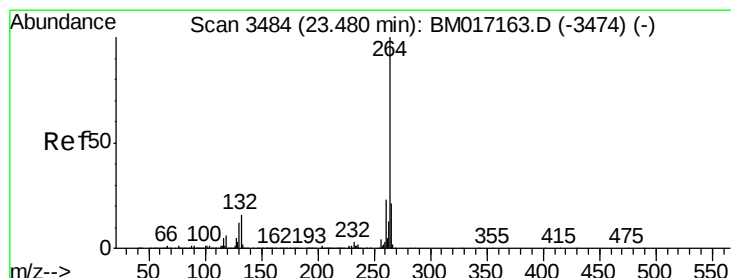
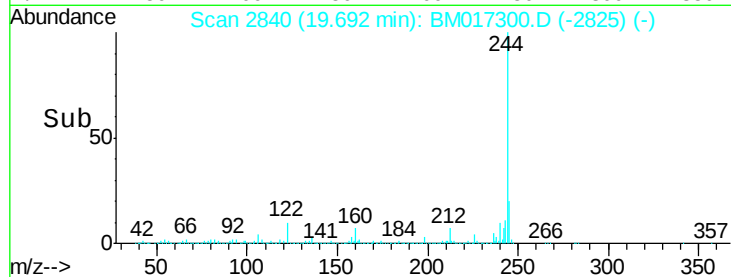
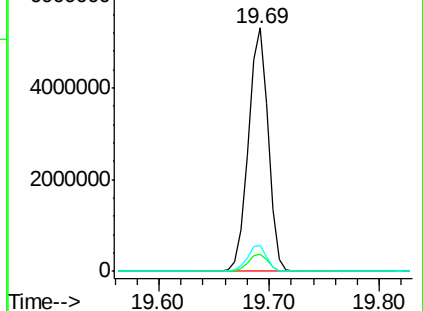
122 10.5 8.4 12.6



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: 23.45 min Scan# 3479

Delta R.T. -0.03 min

Lab File: BM017300.D

Acq: 24 Oct 2018 00:31

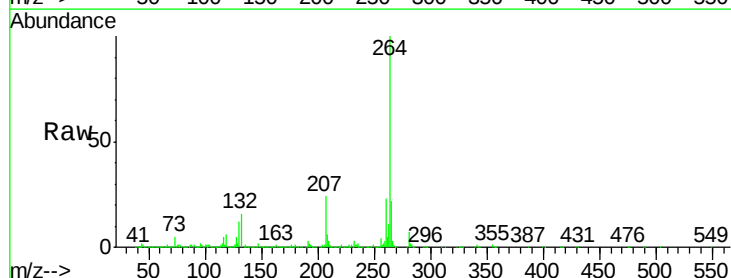
Tgt Ion:264 Resp: 1327733

Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 22.2 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

