

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
 Data File : BM017219.D
 Acq On : 19 Oct 2018 07:56
 Operator : MJ/SJ
 Sample : J5200-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-101618-B

Quant Time: Oct 19 12:23:20 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	7.67	152	299796	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1154957	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	669321	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1508374	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1298032	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1164426	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1861054	104.99	ng	0.00
7) Phenol-d6	6.85	99	2223116	92.09	ng	0.00
23) Nitrobenzene-d5	8.82	82	1736663	87.94	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1127148	124.52	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	4113064	81.76	ng	0.00
79) Terphenyl-d14	19.70	244	5568085	96.69	ng	0.00

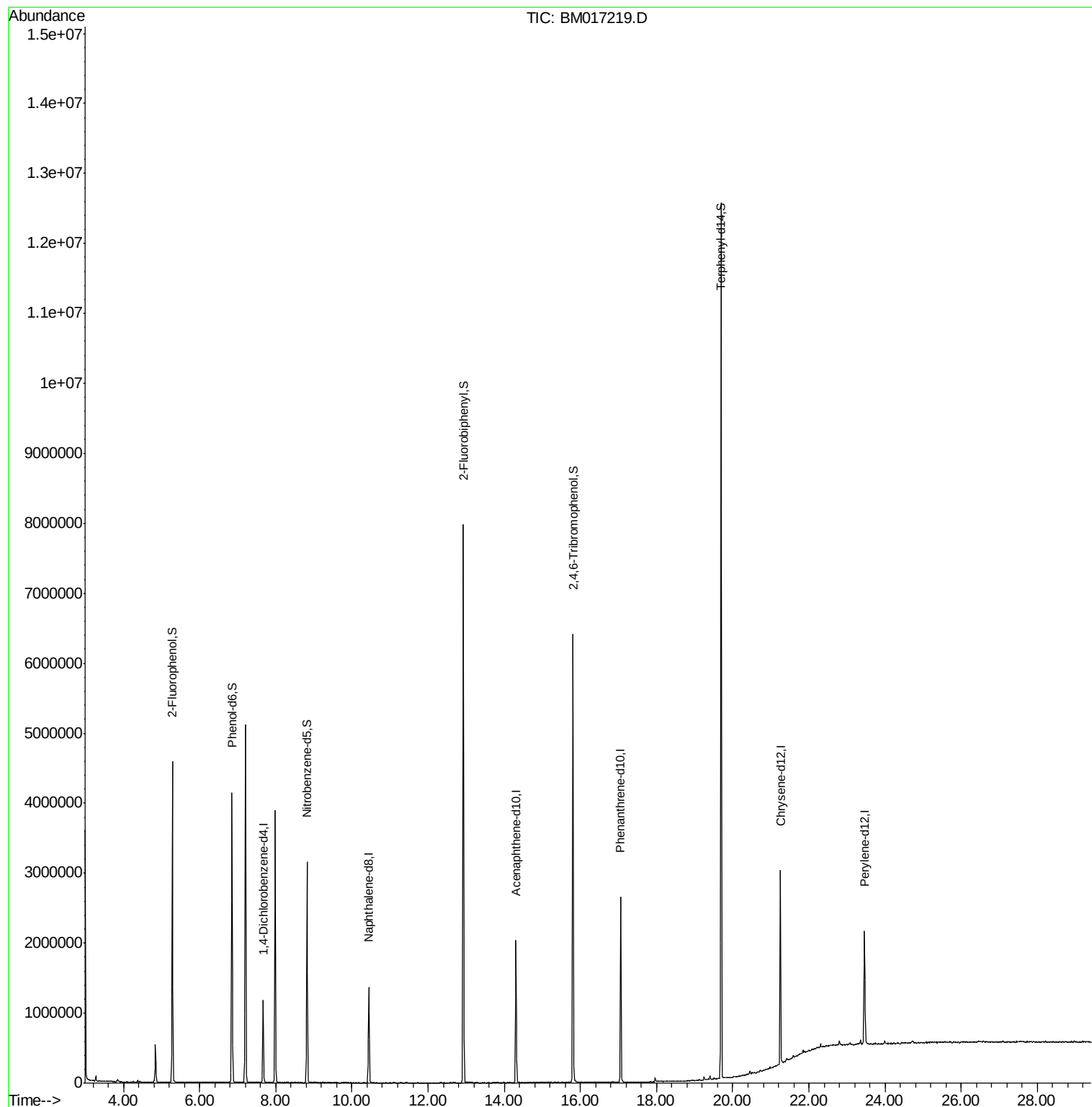
Target Compounds	Qvalue
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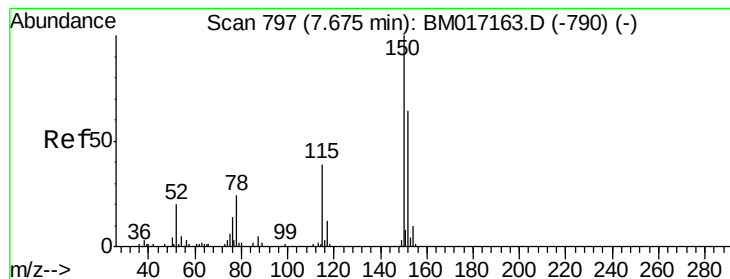
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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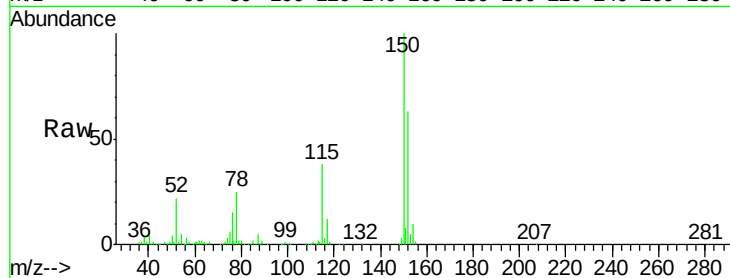


#1

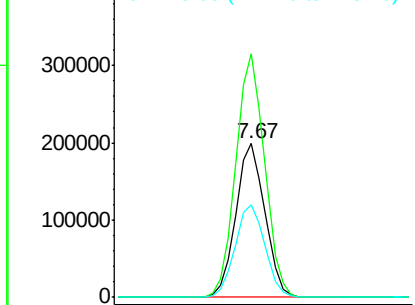
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017219.D
Acq: 19 Oct 2018 07:56

Instrument :
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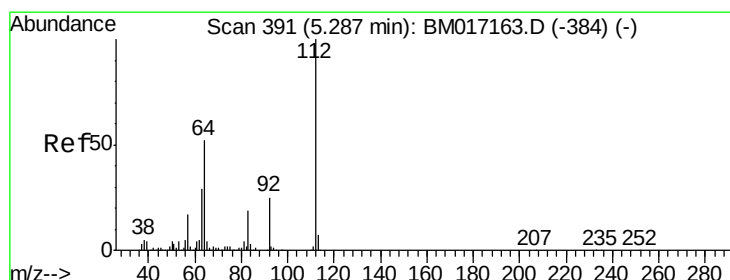
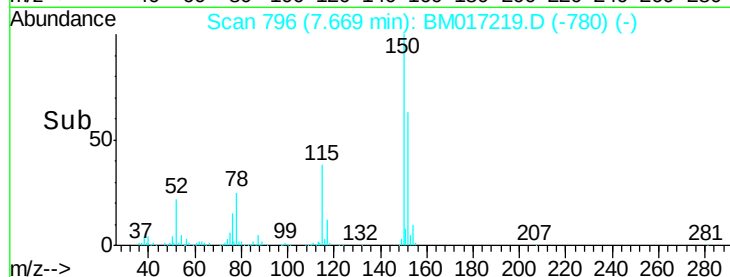
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.3	186.5
115	60.2	48.1	72.1



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



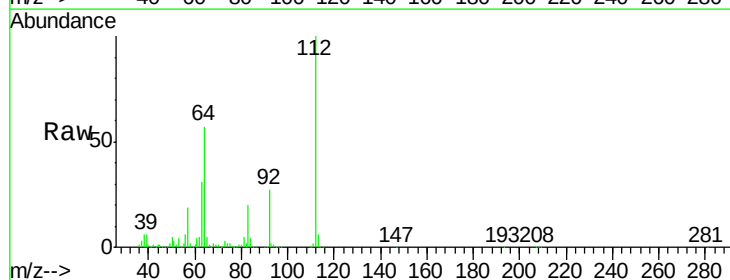
Time-->



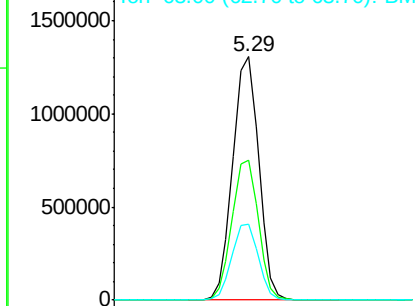
#5

2-Fluorophenol
Concen: 104.994 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017219.D
Acq: 19 Oct 2018 07:56

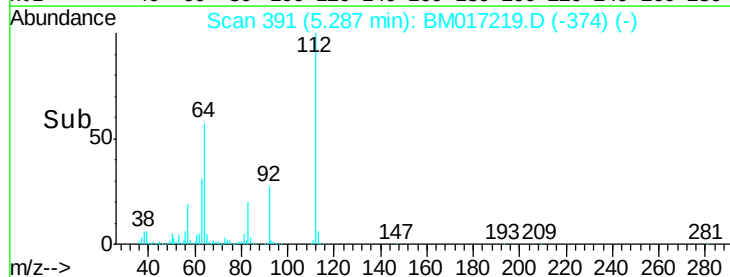
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	41.7	62.5
63	31.3	23.0	34.4

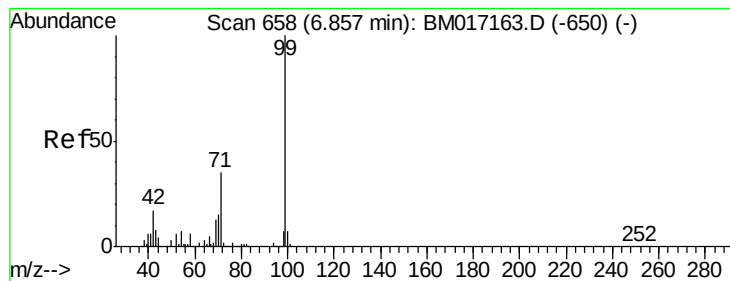


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 92.089 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017219.D

Acq: 19 Oct 2018 07:56

Instrument :

BNA_M

ClientSampleId :

OR-01-101618-B

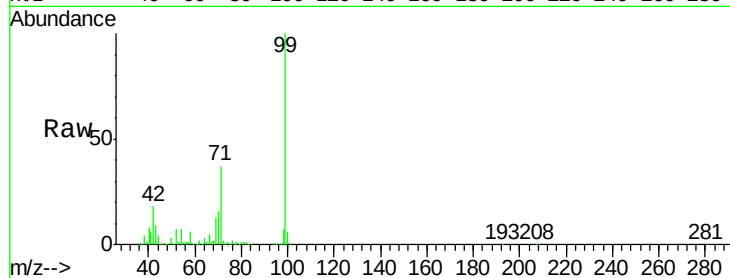
Tgt Ion: 99 Resp: 2223116

Ion Ratio Lower Upper

99 100

42 18.0 13.3 19.9

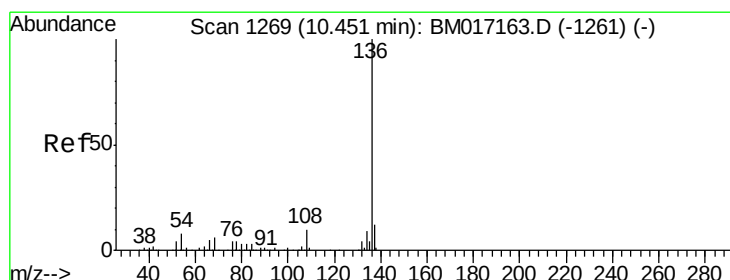
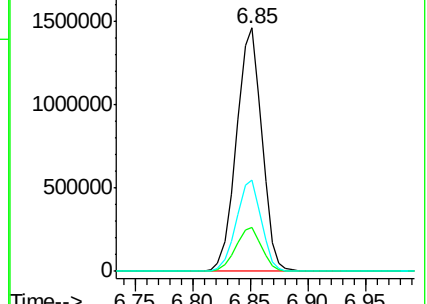
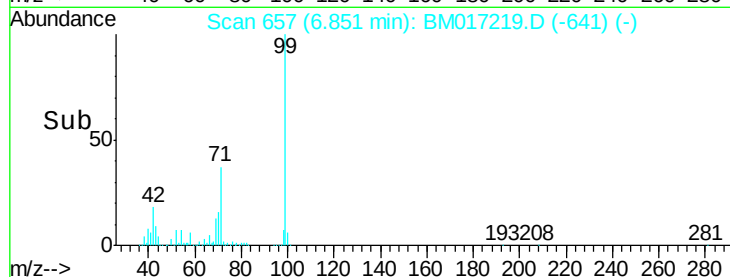
71 37.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017219.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017219.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017219.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM017219.D

Acq: 19 Oct 2018 07:56

Tgt Ion: 136 Resp: 1154957

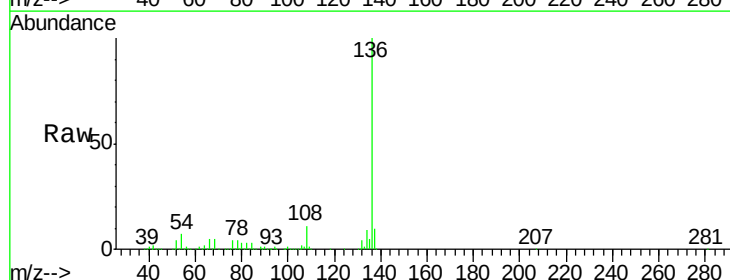
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 7.3 6.7 10.1

68 5.3 4.7 7.1

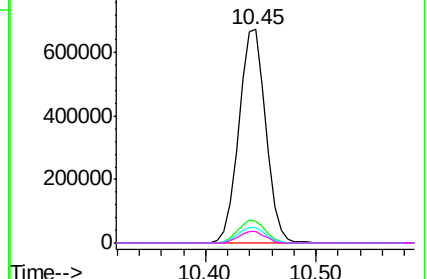
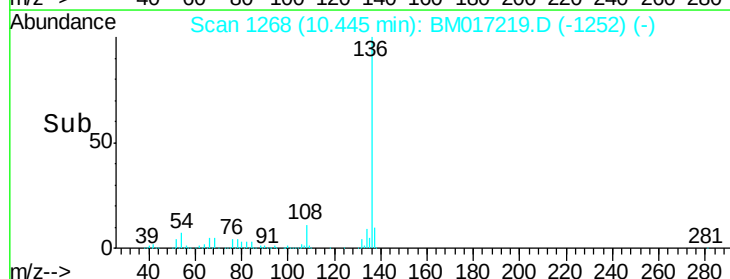


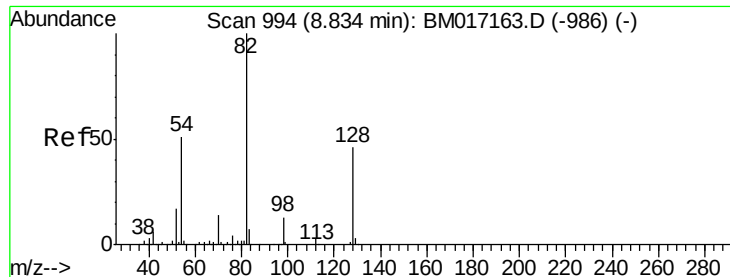
Abundance Ion 136.00 (135.70 to 136.70): BM017219.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM017219.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM017219.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM017219.D (-1252) (-)

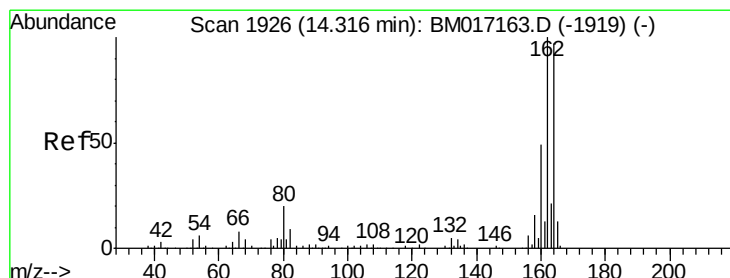
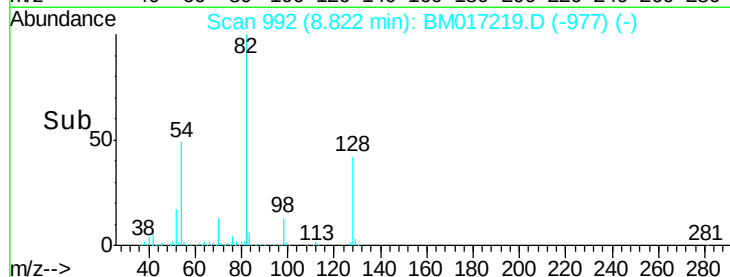
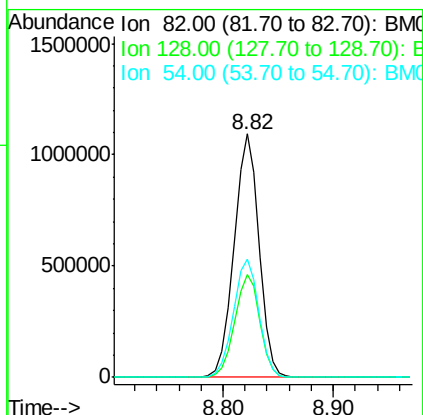
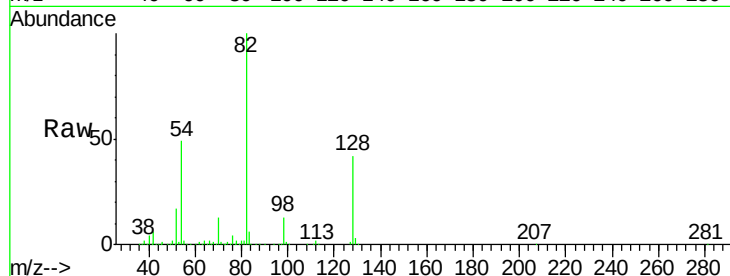




#23
Nitrobenzene-d5
Concen: 87.943 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017219.D
Acq: 19 Oct 2018 07:56

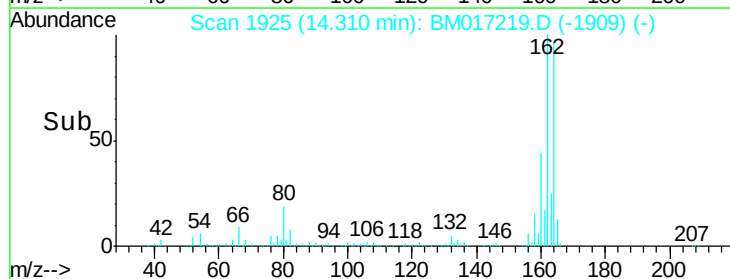
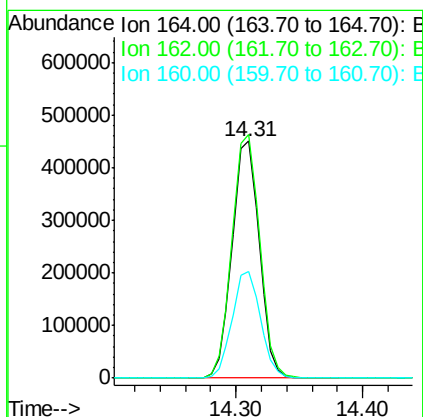
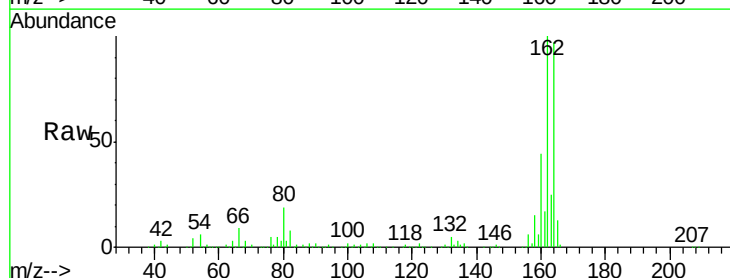
Instrument :
BNA_M
ClientSampleId :
OR-01-101618-B

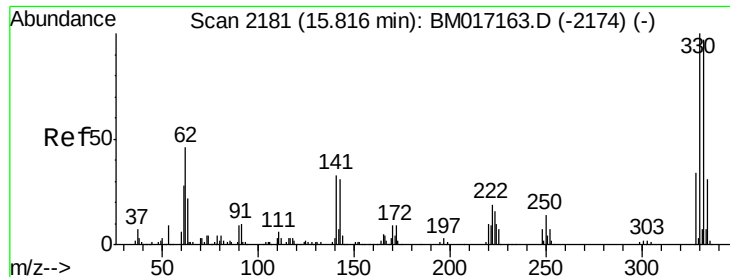
Tgt Ion: 82 Resp: 1736663
Ion Ratio Lower Upper
82 100
128 42.3 37.0 55.6
54 48.6 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017219.D
Acq: 19 Oct 2018 07:56

Tgt Ion: 164 Resp: 669321
Ion Ratio Lower Upper
164 100
162 102.7 82.1 123.1
160 45.1 40.2 60.2

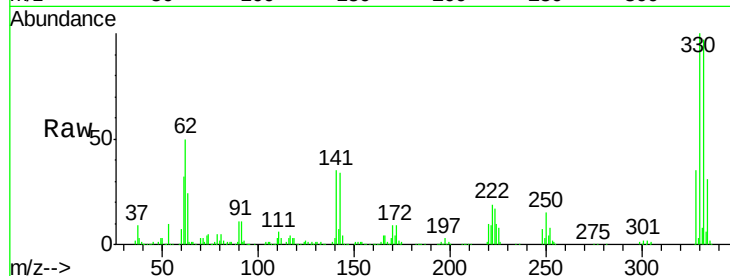




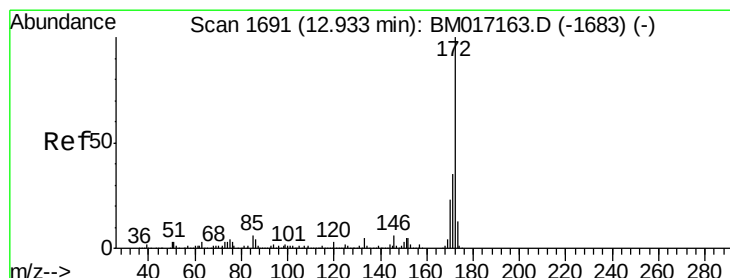
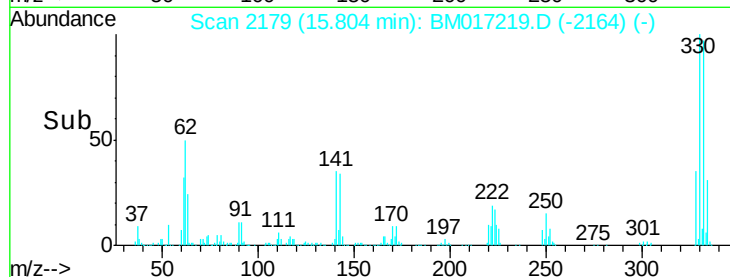
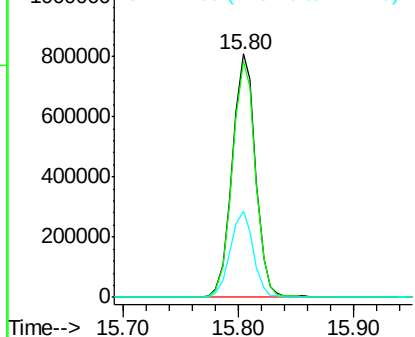
#42
 2,4,6-Tribromophenol
 Concen: 124.525 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017219.D
 Acq: 19 Oct 2018 07:56

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-101618-B

Tgt Ion:330 Resp: 1127148
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 34.9 27.4 41.0

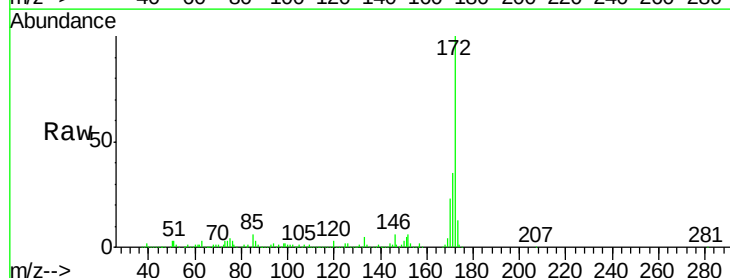


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

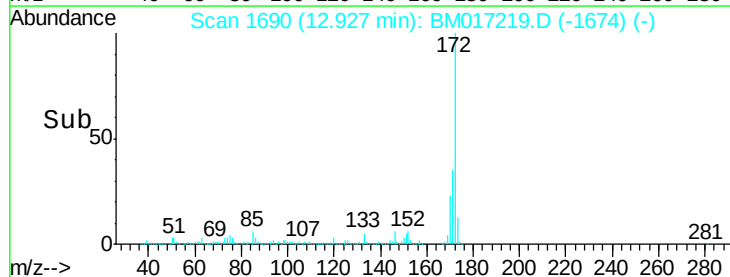
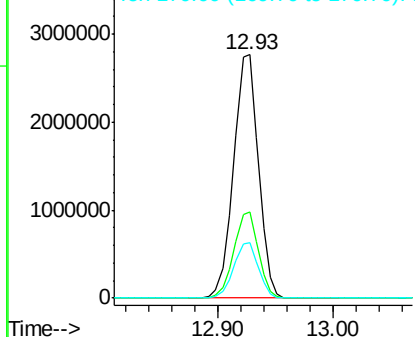


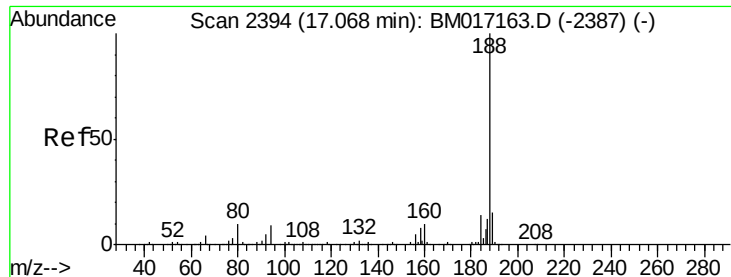
#45
 2-Fluorobiphenyl
 Concen: 81.764 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM017219.D
 Acq: 19 Oct 2018 07:56

Tgt Ion:172 Resp: 4113064
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 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: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017219.D

Acq: 19 Oct 2018 07:56

Instrument :

BNA_M

ClientSampleId :

OR-01-101618-B

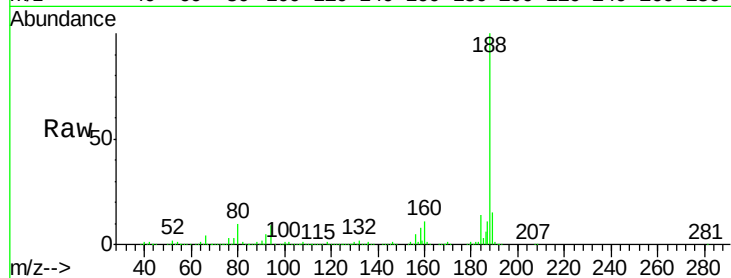
Tgt Ion:188 Resp: 1508374

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

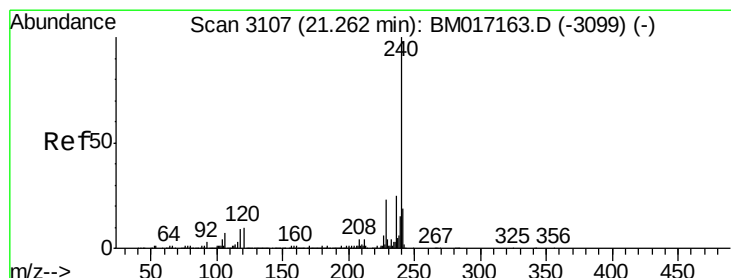
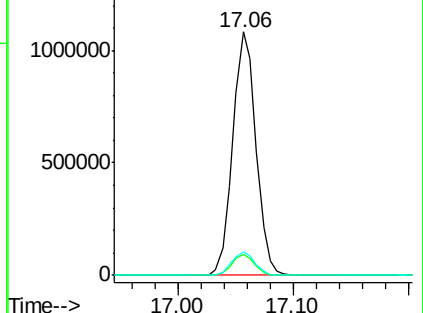
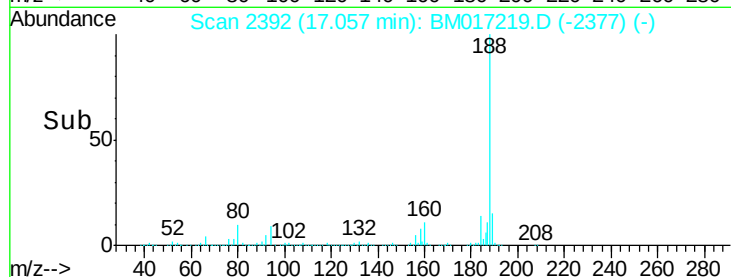
80 9.7 7.7 11.5



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: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017219.D

Acq: 19 Oct 2018 07:56

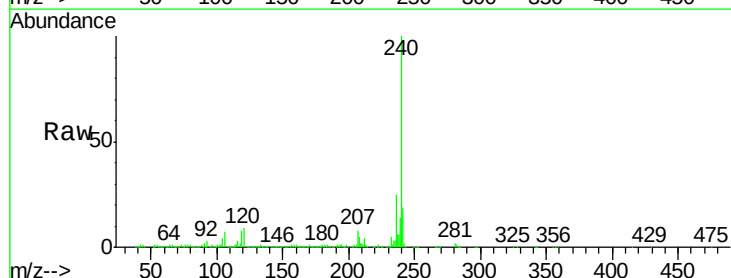
Tgt Ion:240 Resp: 1298032

Ion Ratio Lower Upper

240 100

120 8.8 8.1 12.1

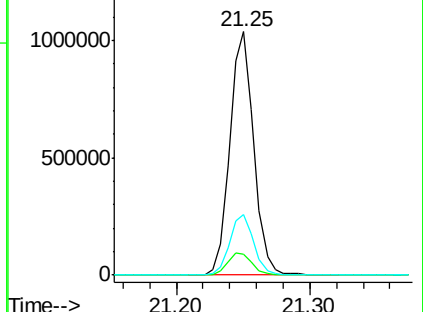
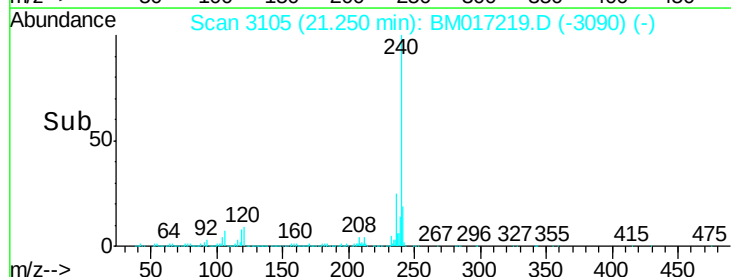
236 25.0 19.9 29.9

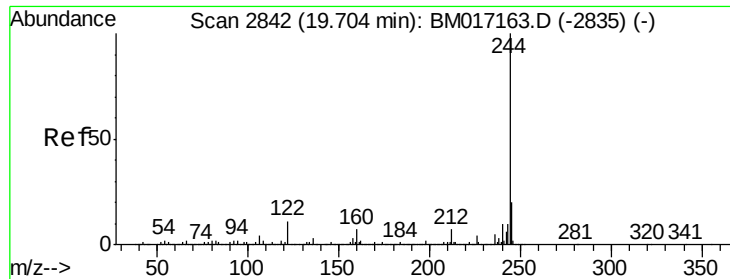


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.689 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017219.D

Acq: 19 Oct 2018 07:56

Instrument :

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ClientSampleId :

OR-01-101618-B

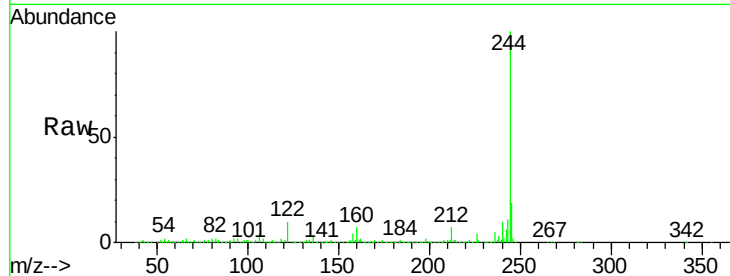
Tgt Ion:244 Resp: 5568085

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

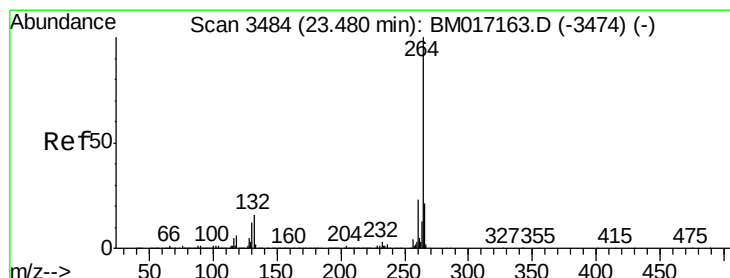
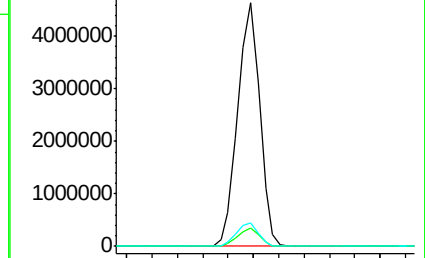
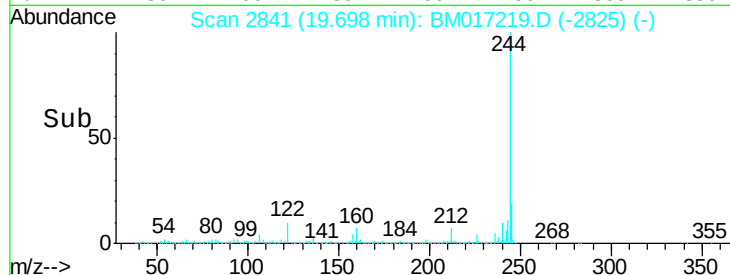
122 9.7 8.4 12.6



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: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017219.D

Acq: 19 Oct 2018 07:56

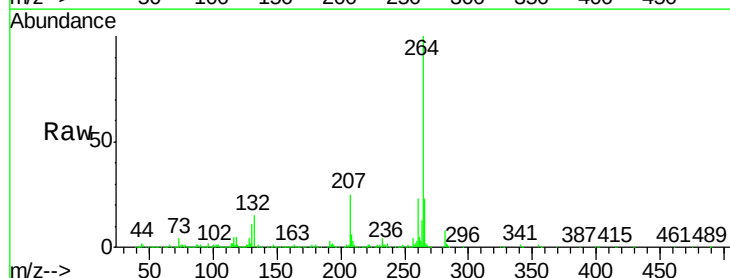
Tgt Ion:264 Resp: 1164426

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 22.7 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

