

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017355.D
 Acq On : 26 Oct 2018 19:22
 Operator : MJ/SJ
 Sample : J5204-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-102518-B

Quant Time: Oct 27 02:48:29 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	7.65	152	240637	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1010906	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	631222	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1605878	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1868945	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1679780	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1590306	111.78	ng	-0.01
7) Phenol-d6	6.84	99	1987177	102.55	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1485530	85.94	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1164442	136.41	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	3655812	77.06	ng	-0.02
79) Terphenyl-d14	19.69	244	6695000	80.74	ng	-0.01

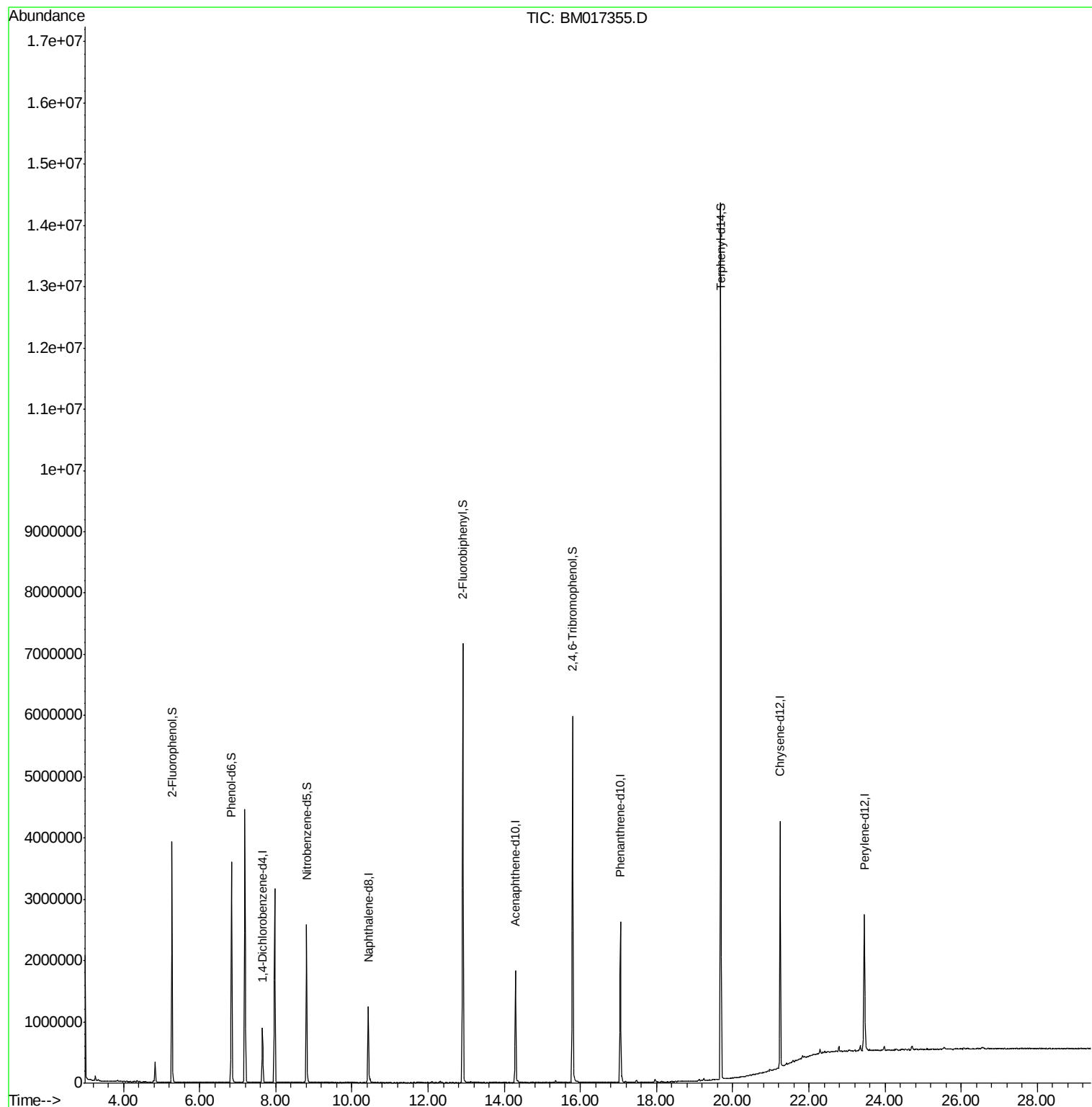
Target Compounds Qvalue

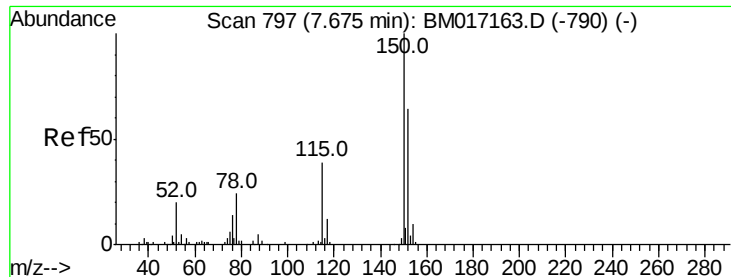
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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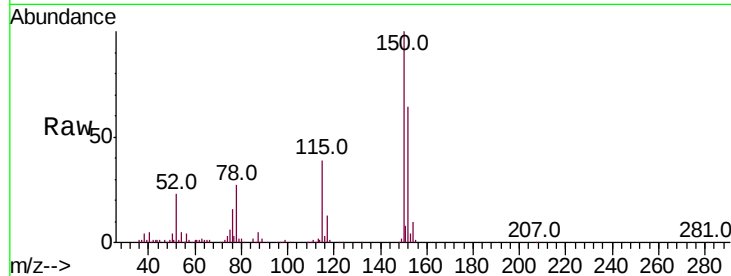


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017355.D
Acq: 26 Oct 2018 19:22

Instrument :
BNA_M
ClientSampleId :
SU-02-102518-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.3	186.5
115	60.6	48.1	72.1

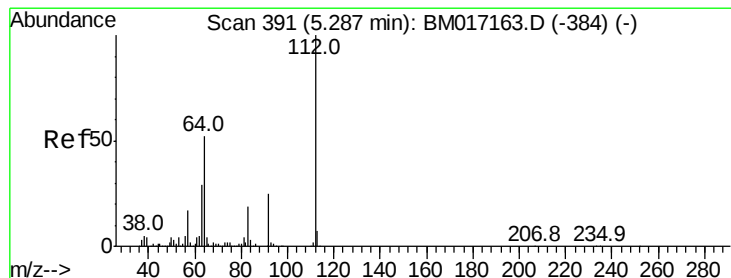
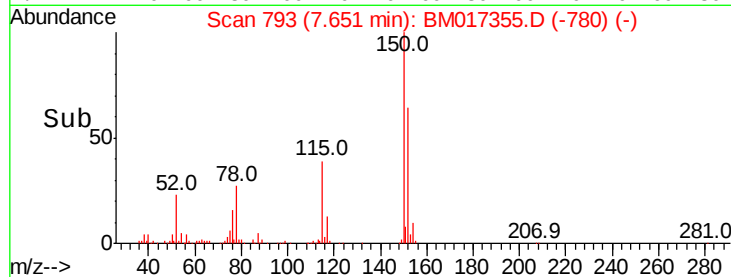
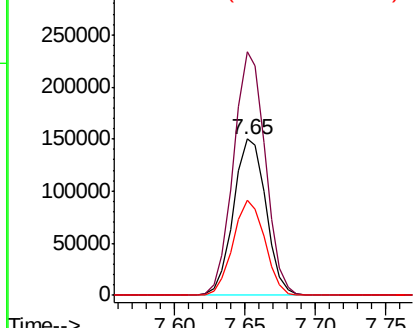


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

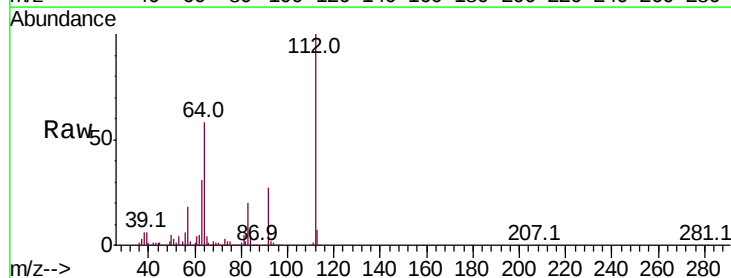
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 111.776 ng
RT: 5.27 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017355.D
Acq: 26 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	41.7	62.5
63	30.7	23.0	34.4

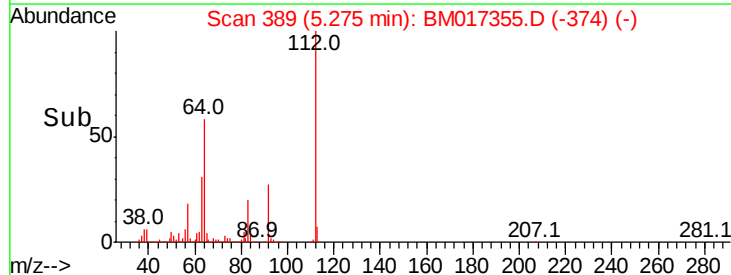
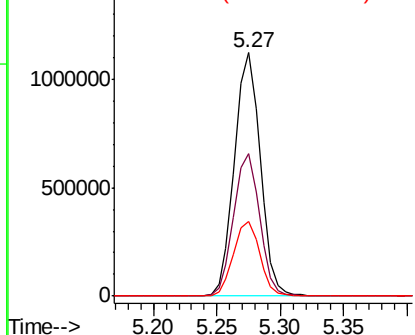


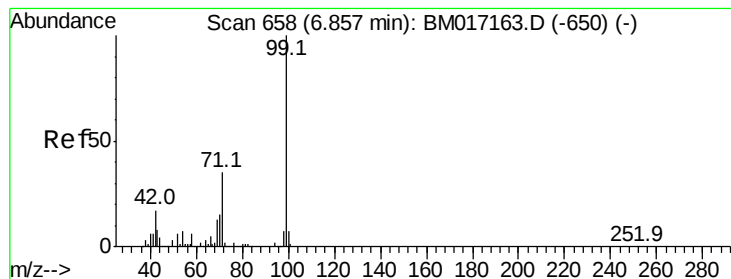
Abundance

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: 102.552 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017355.D

Acq: 26 Oct 2018 19:22

Instrument :

BNA_M

ClientSampleId :

SU-02-102518-B

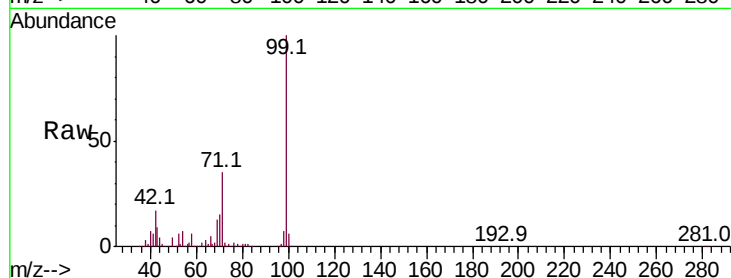
Tot Ion: 99 Resp: 1987177

Ion Ratio Lower Upper

99 100

42 17.4 13.3 19.9

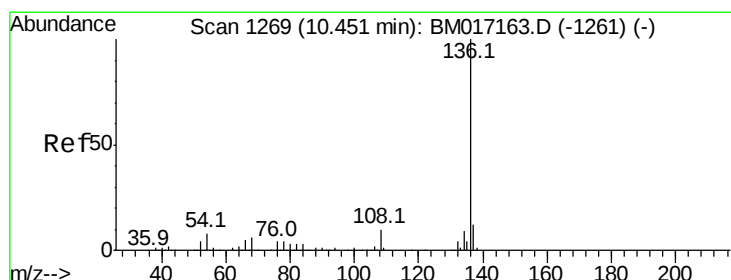
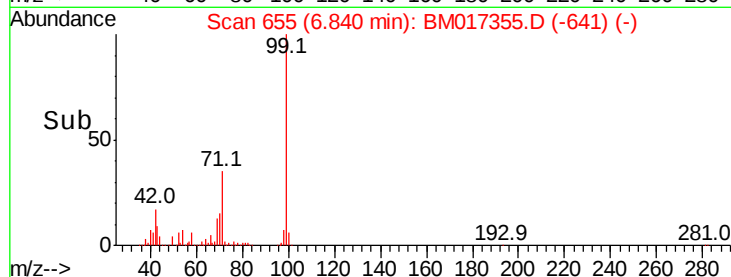
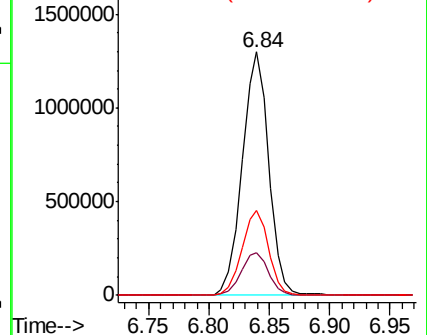
71 34.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM017355.D

Acq: 26 Oct 2018 19:22

Tgt Ion:136 Resp: 1010906

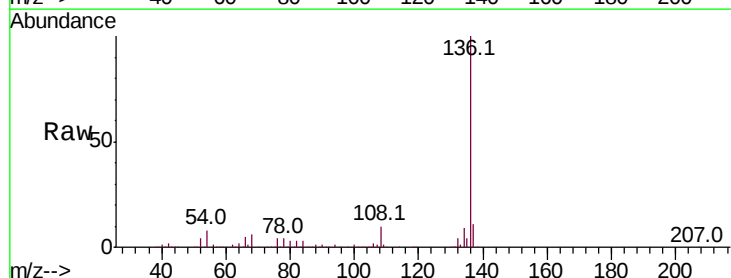
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 8.3 6.7 10.1

68 6.4 4.7 7.1

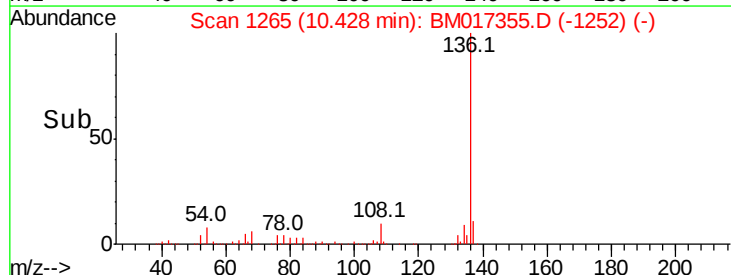
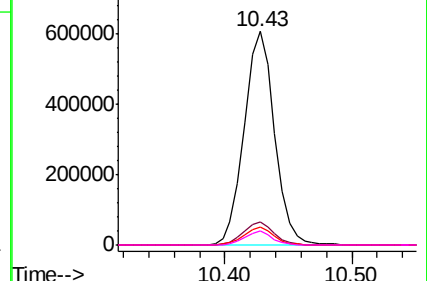


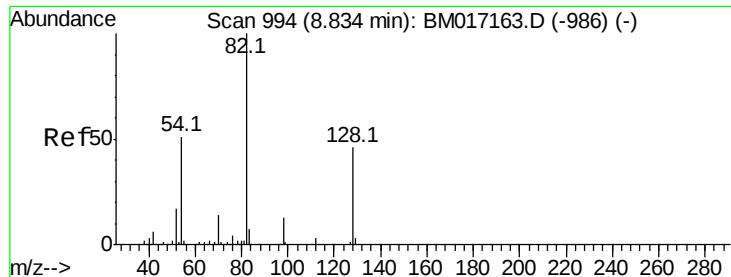
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1261) (-)

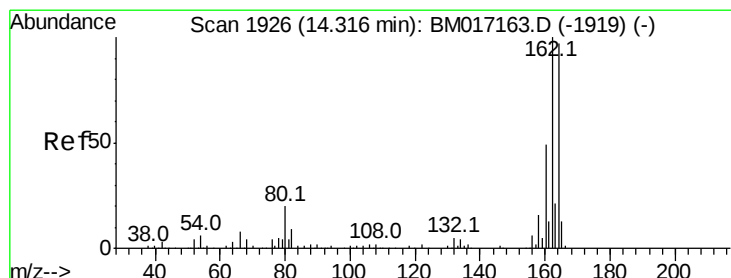
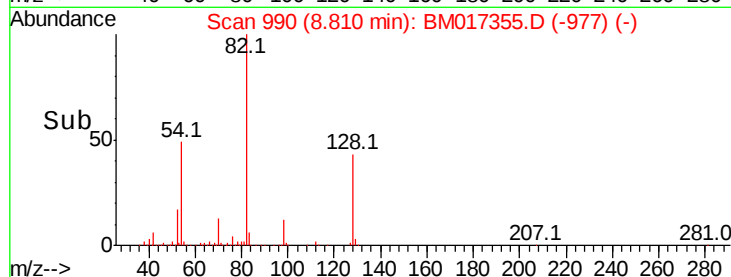
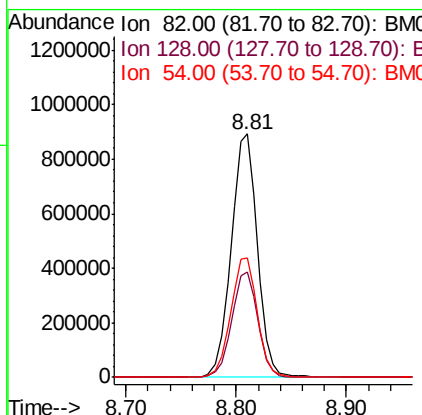
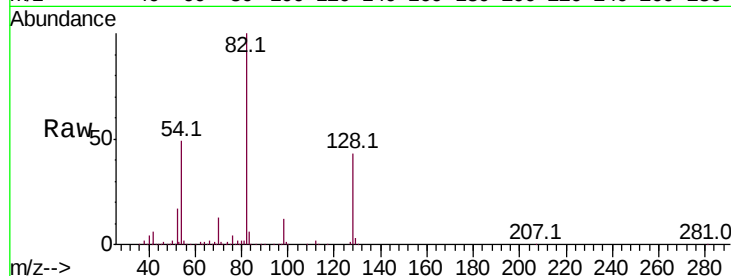




#23
 Nitrobenzene-d5
 Concen: 85.945 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM017355.D
 Acq: 26 Oct 2018 19:22

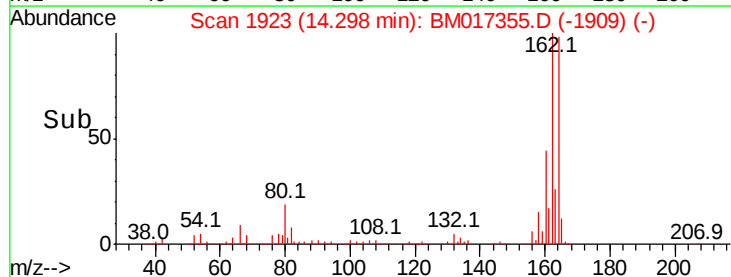
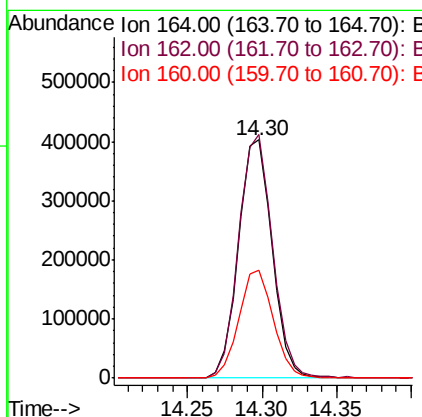
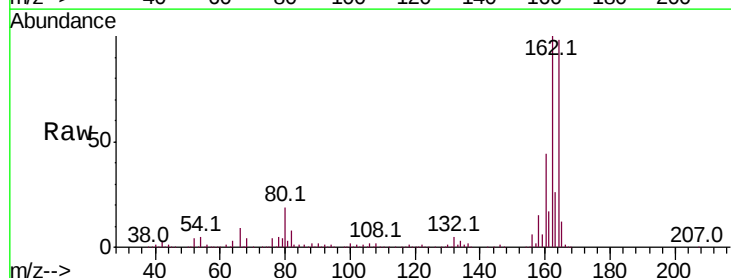
Instrument :
 BNA_M
 ClientSampleId :
 SU-02-102518-B

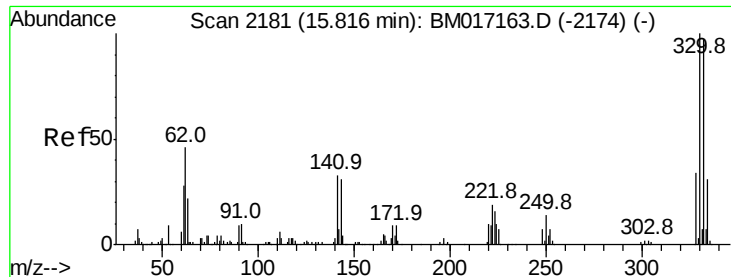
Tot Ion: 82 Resp: 1485530
 Ion Ratio Lower Upper
 82 100
 128 43.1 37.0 55.6
 54 49.0 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BM017355.D
 Acq: 26 Oct 2018 19:22

Tgt Ion: 164 Resp: 631222
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.1 123.1
 160 45.5 40.2 60.2

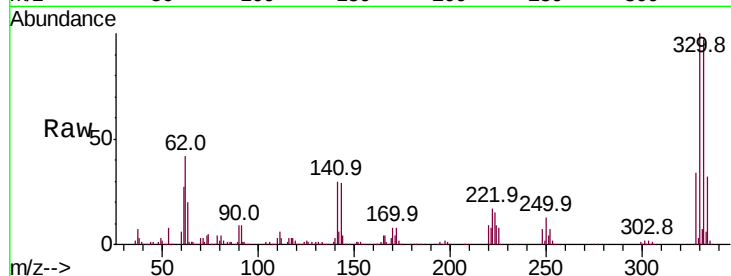




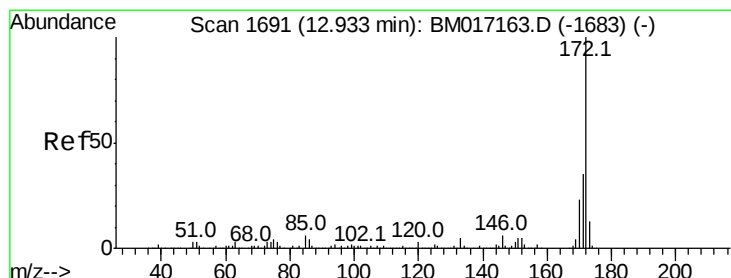
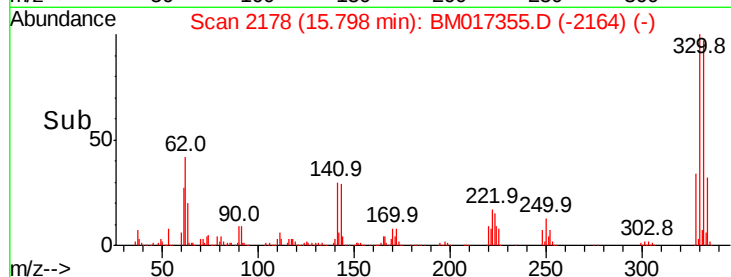
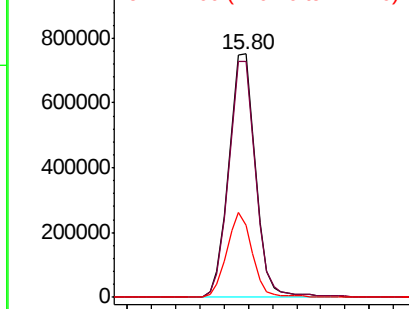
#42
 2,4,6-Tribromophenol
 Concen: 136.410 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017355.D
 Acq: 26 Oct 2018 19:22

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-102518-B

Tot Ion:330 Resp: 1164442
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 33.3 27.4 41.0

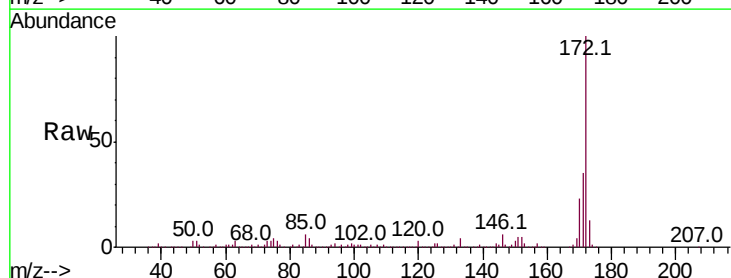


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

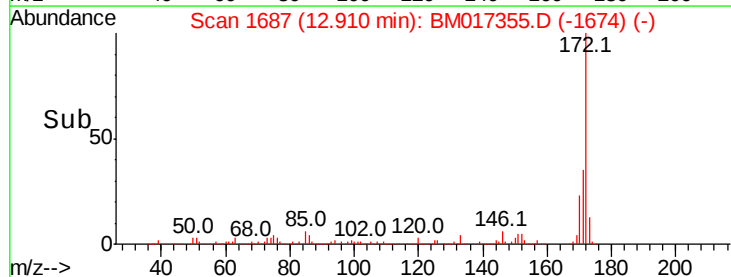
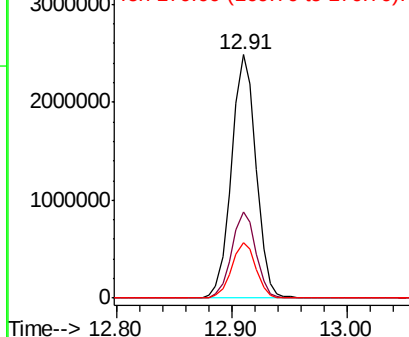


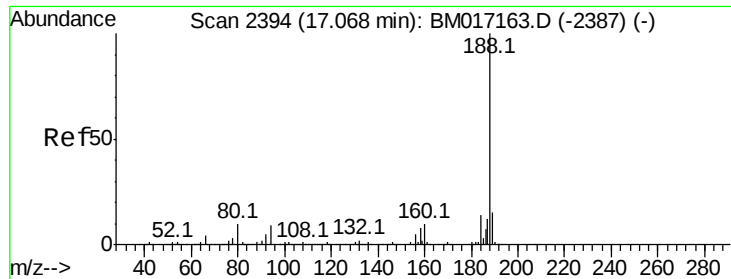
#45
 2-Fluorobiphenyl
 Concen: 77.060 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BM017355.D
 Acq: 26 Oct 2018 19:22

Tgt Ion:172 Resp: 3655812
 Ion Ratio Lower Upper
 172 100
 171 35.2 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

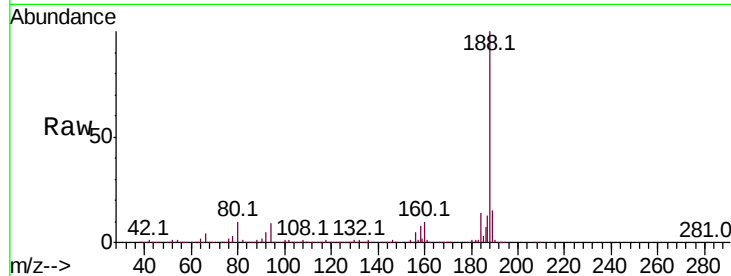




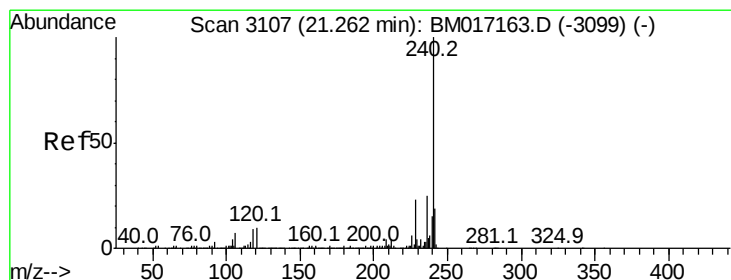
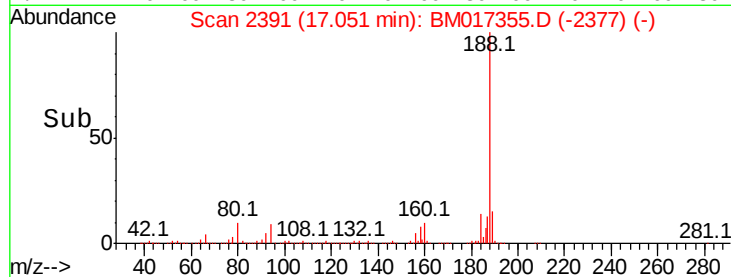
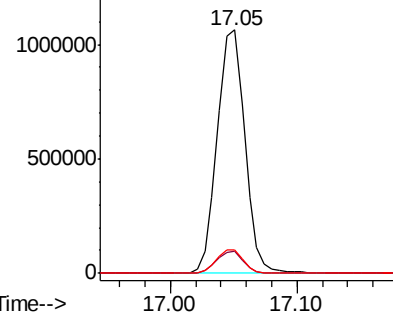
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017355.D
Acq: 26 Oct 2018 19:22

Instrument :
BNA_M
ClientSampleId :
SU-02-102518-B

Tot Ion:188 Resp: 1605878
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.7 7.7 11.5

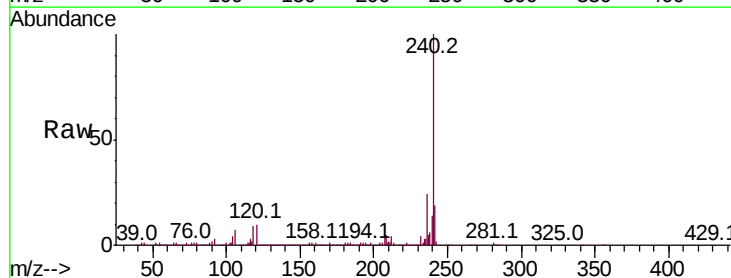


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

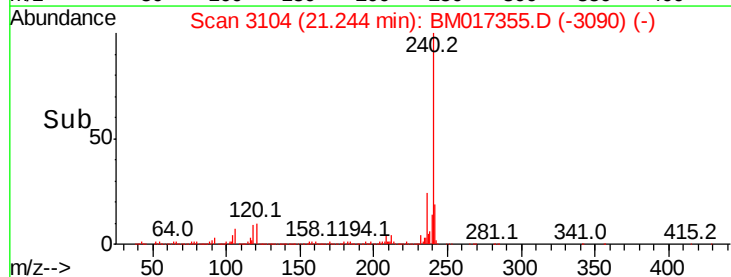
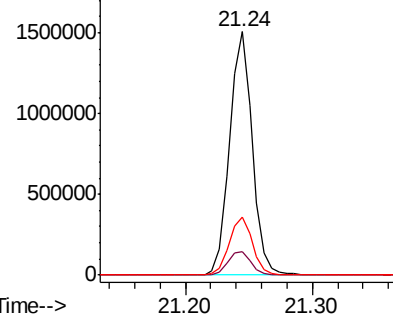


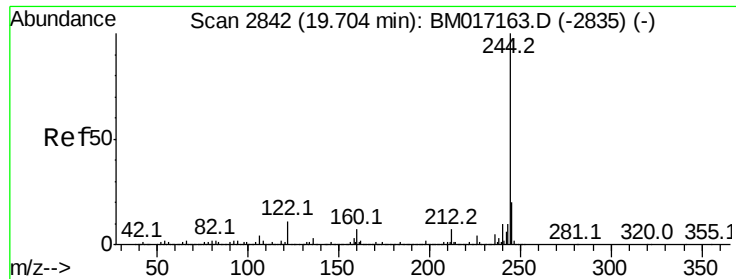
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017355.D
Acq: 26 Oct 2018 19:22

Tgt Ion:240 Resp: 1868945
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 24.0 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



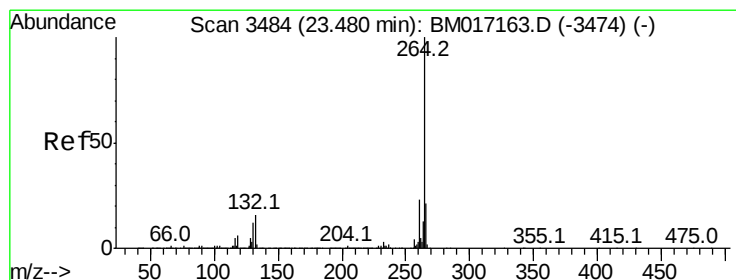
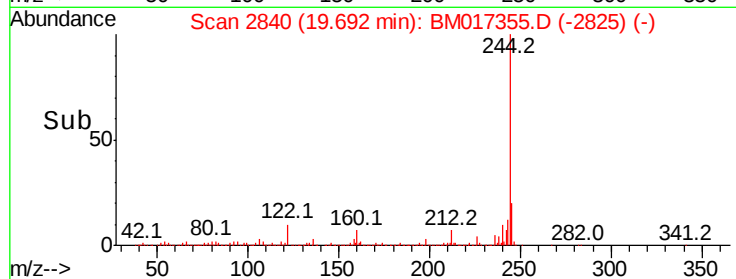
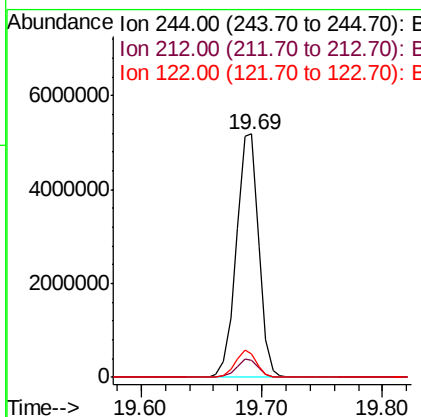
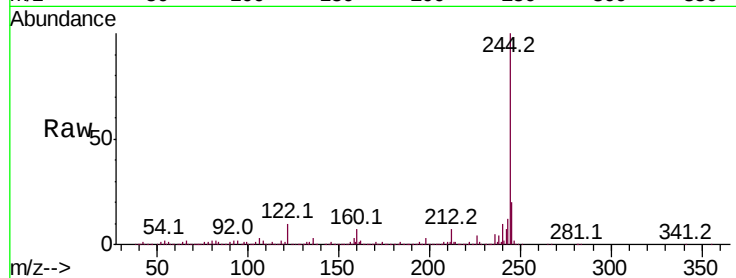


#79
 Terphenyl-d14
 Concen: 80.744 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM017355.D
 Acq: 26 Oct 2018 19:22

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-102518-B

Tot Ion:244 Resp: 6695000

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	9.8	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3480
 Delta R.T. -0.02 min
 Lab File: BM017355.D
 Acq: 26 Oct 2018 19:22

Tgt Ion:264 Resp: 1679780

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.6	17.8	26.8

