

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111318\
 Data File : BM017625.D
 Acq On : 13 Nov 2018 17:47
 Operator : MJ/SJ
 Sample : J5770-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-111218-A

Quant Time: Nov 14 03:32:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	291220	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1126255	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	636326	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1455008	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1353454	20.00	ng	0.00
87) Perylene-d12	23.41	264	1109795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	2009441	116.45	ng	0.00
7) Phenol-d6	6.80	99	2389944	99.17	ng	0.00
23) Nitrobenzene-d5	8.77	82	1882339	86.28	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1164703	127.39	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	4077351	83.13	ng	0.00
79) Terphenyl-d14	19.66	244	6227396	104.28	ng	0.00

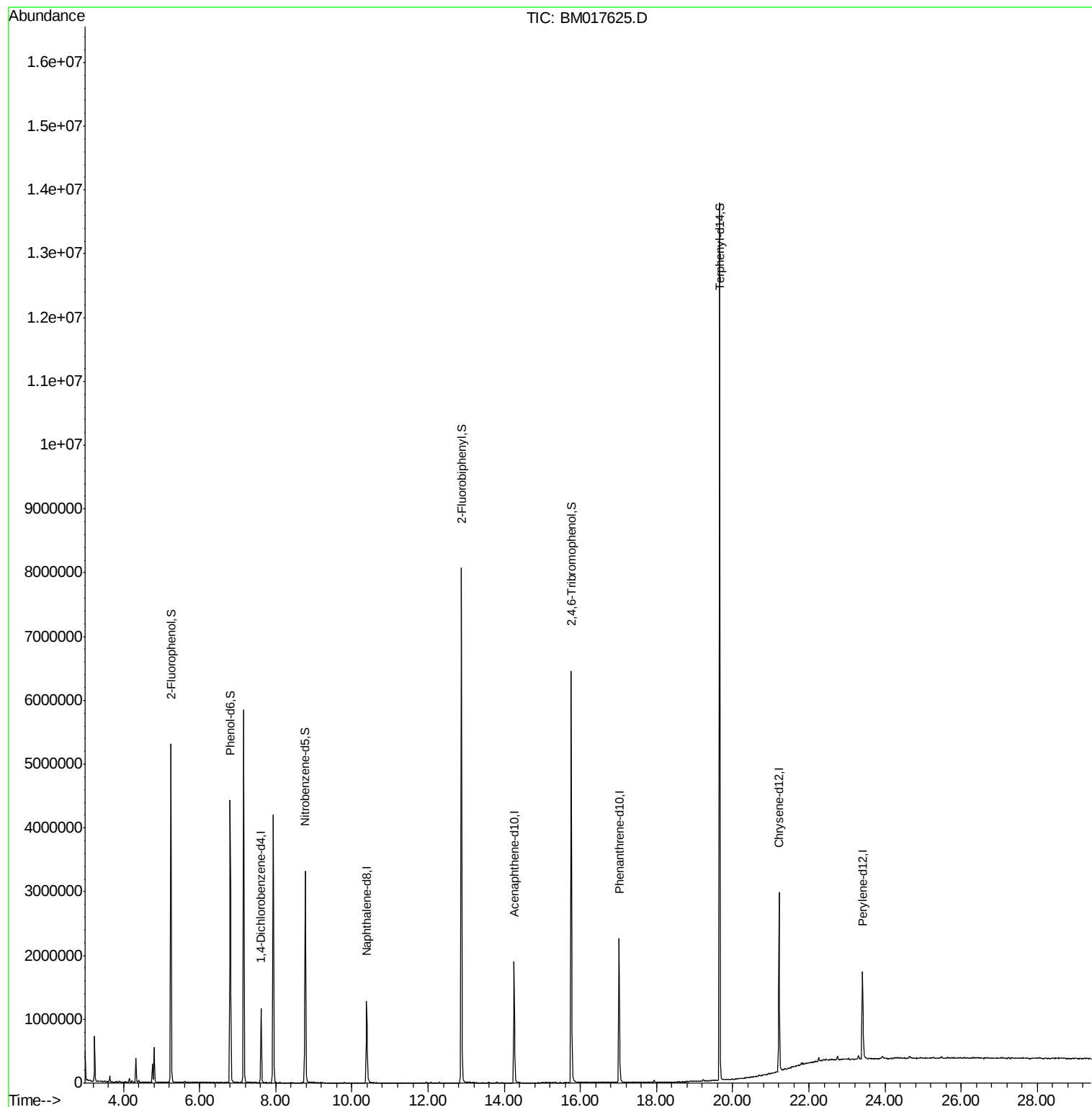
Target Compounds Qvalue

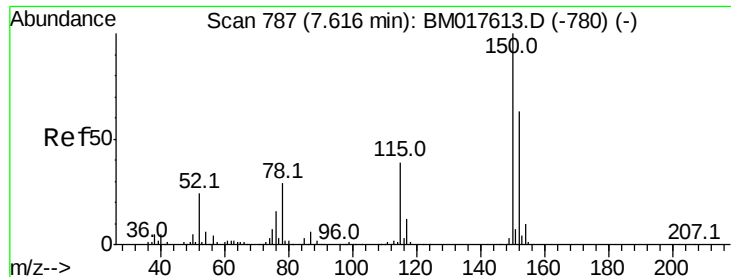
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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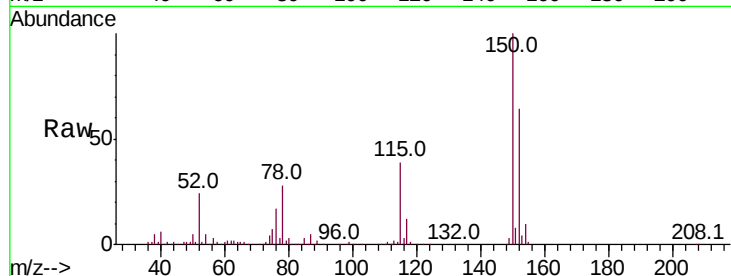


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM017625.D
Acq: 13 Nov 2018 17:47

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.4	189.6
115	61.4	49.4	74.0

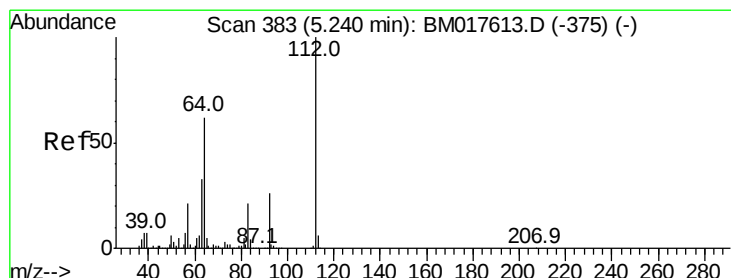
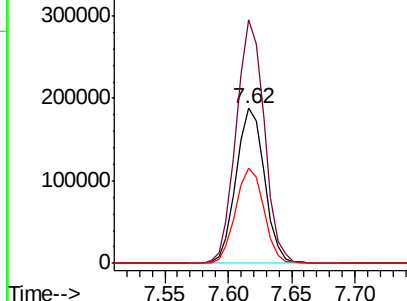
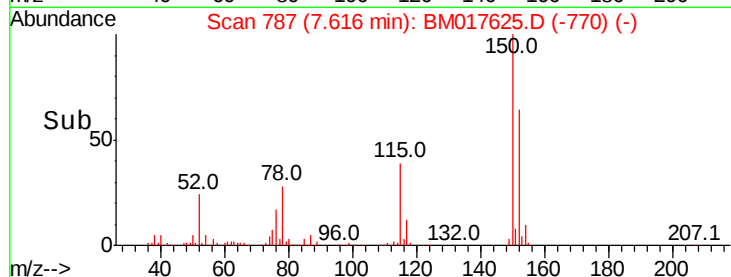


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

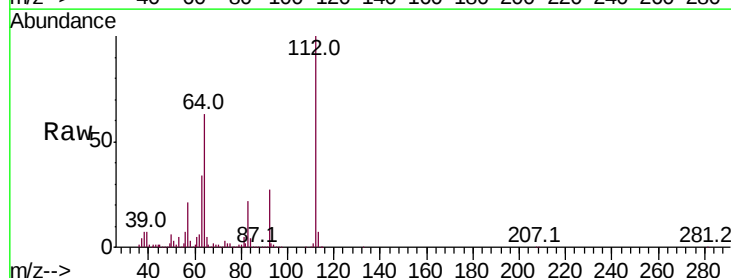
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.449 ng
RT: 5.25 min Scan# 384
Delta R.T. 0.01 min
Lab File: BM017625.D
Acq: 13 Nov 2018 17:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	49.3	73.9
63	34.0	26.2	39.4

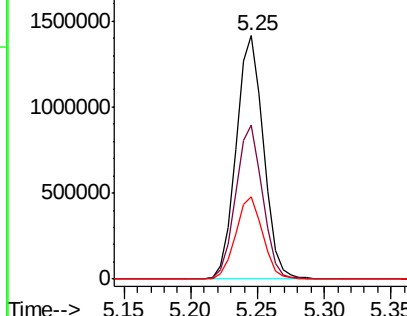
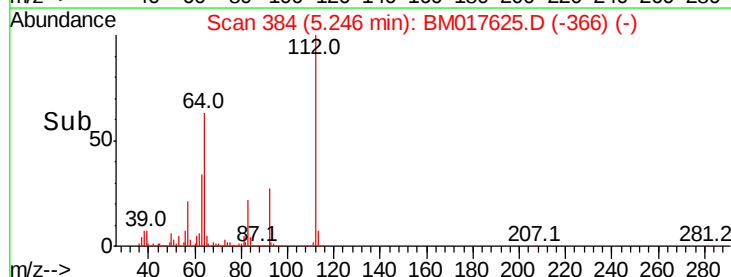


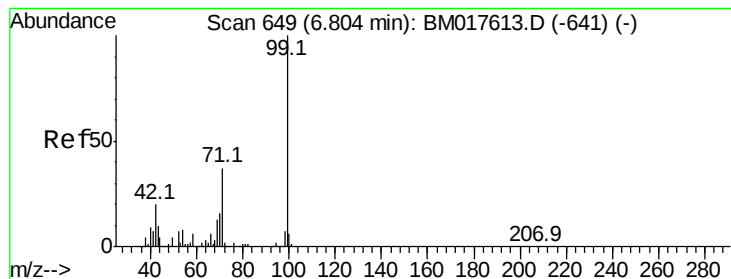
Abundance

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: 99.166 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM017625.D

Acq: 13 Nov 2018 17:47

Instrument :

BNA_M

ClientSampleId :

OR-01-111218-A

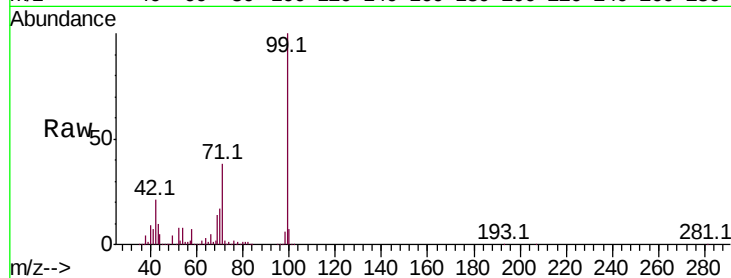
Tot Ion: 99 Resp: 2389944

Ion Ratio Lower Upper

99 100

42 20.8 16.3 24.5

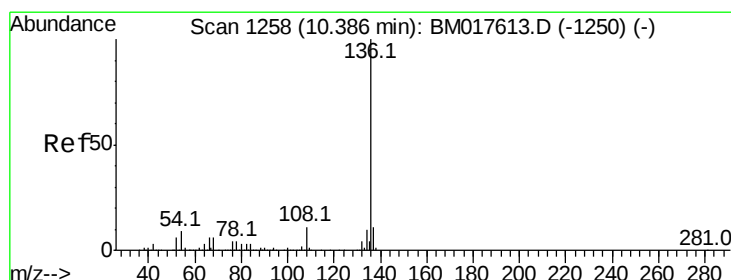
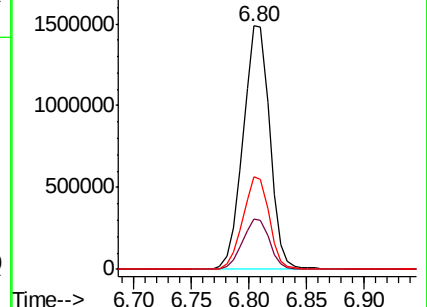
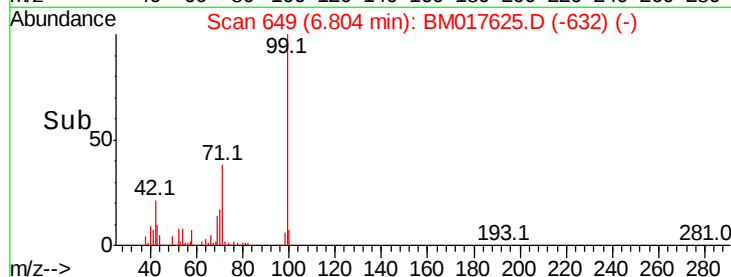
71 38.0 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BM017625.D

Acq: 13 Nov 2018 17:47

Tgt Ion: 136 Resp: 1126255

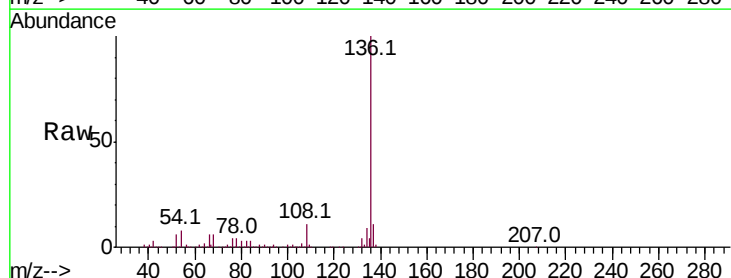
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 8.5 7.0 10.6

68 6.4 4.9 7.3

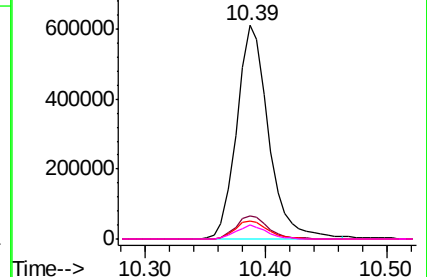
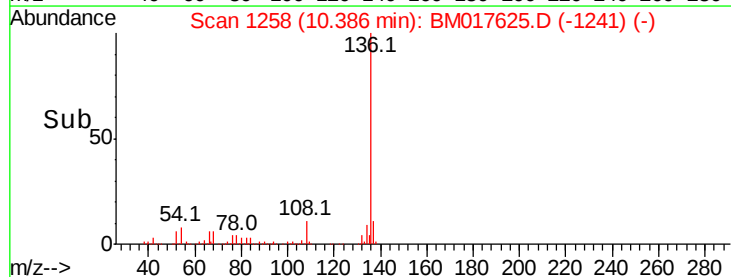


Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

Ion 137.00 (136.70 to 137.70): BM017613.D (-1250) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-1250) (-)

Ion 68.00 (67.70 to 68.70): BM017613.D (-1250) (-)



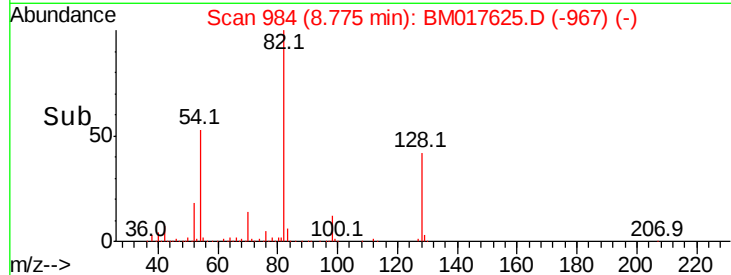
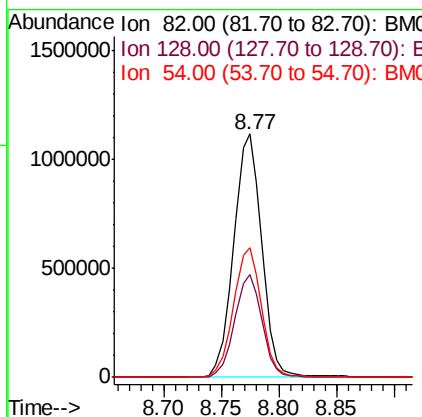
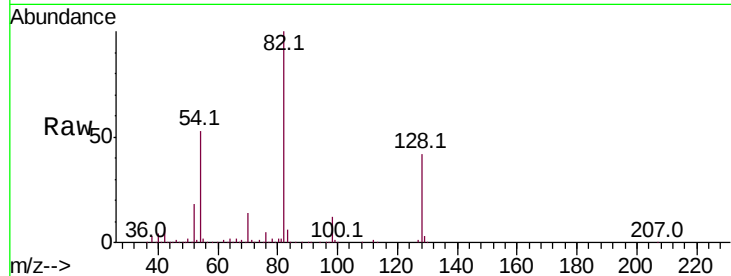


#23
 Nitrobenzene-d5
 Concen: 86.283 ng
 RT: 8.77 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BM017625.D
 Acq: 13 Nov 2018 17:47

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-111218-A

Tot Ion: 82 Resp: 1882339

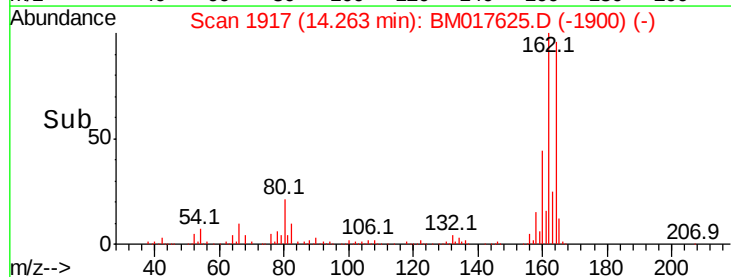
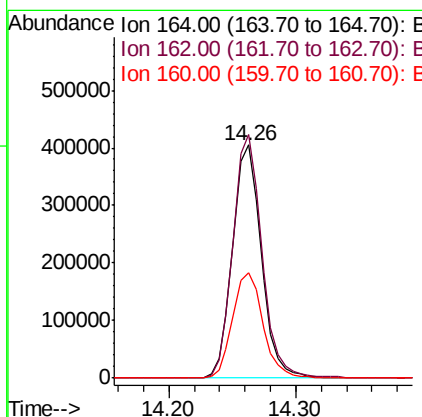
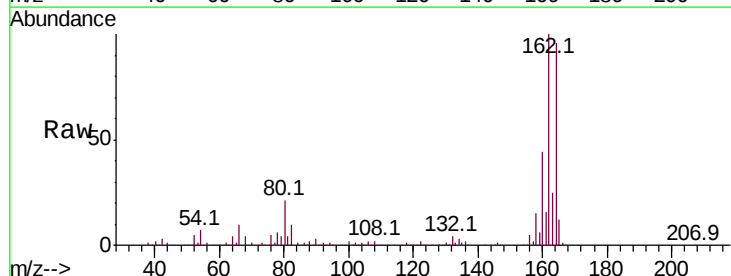
Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.0	49.4
54	53.3	41.4	62.2

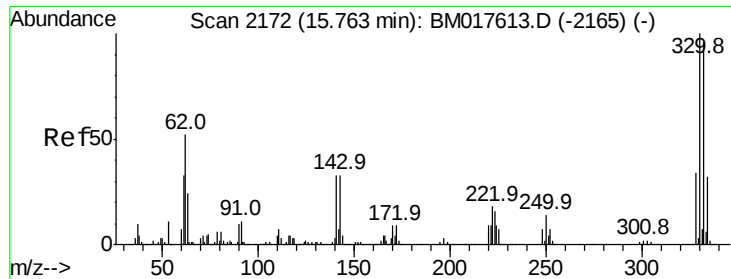


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BM017625.D
 Acq: 13 Nov 2018 17:47

Tgt Ion:164 Resp: 636326

Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.4	122.0
160	45.4	35.6	53.4

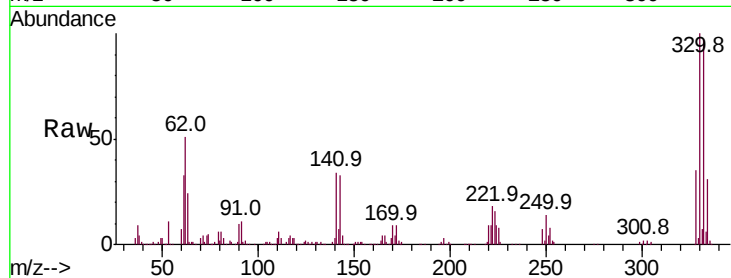




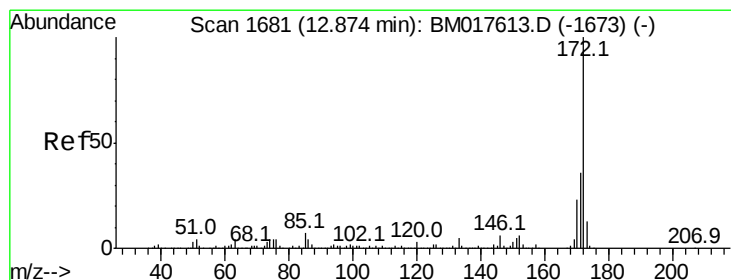
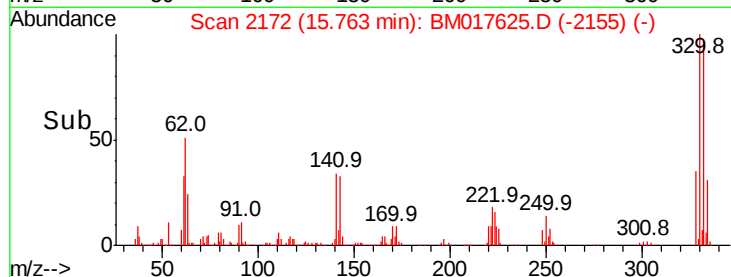
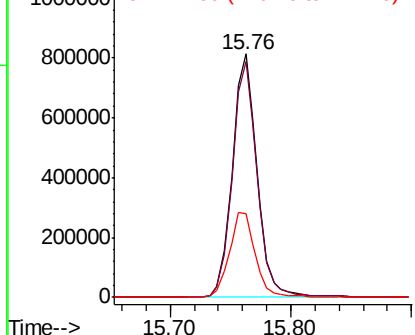
#42
 2,4,6-Tribromophenol
 Concen: 127.386 ng
 RT: 15.76 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BM017625.D
 Acq: 13 Nov 2018 17:47

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-111218-A

Tot Ion:330 Resp: 1164703
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.9 116.9
 141 36.4 27.5 41.3

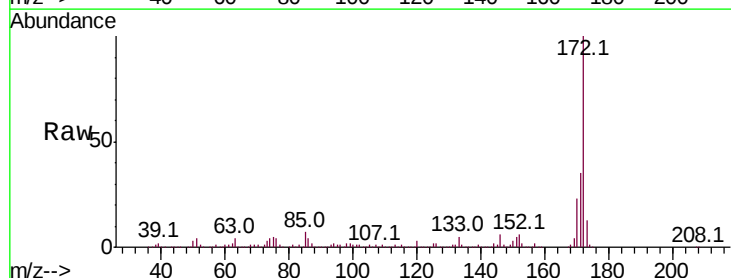


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

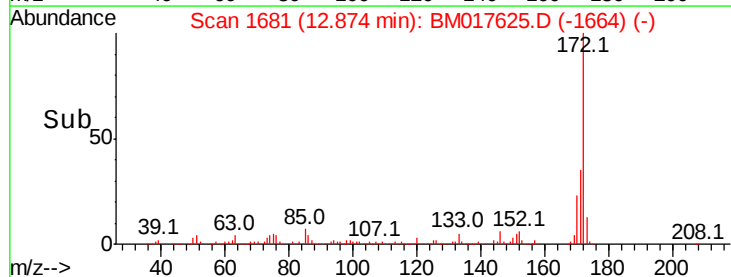
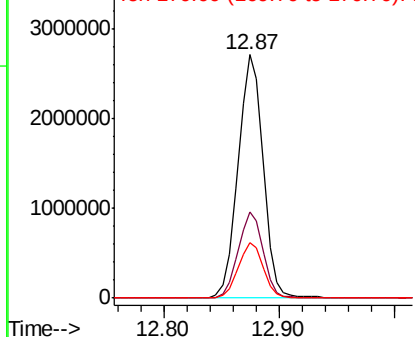


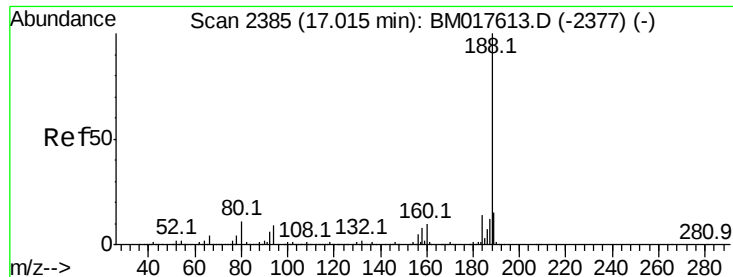
#45
 2-Fluorobiphenyl
 Concen: 83.129 ng
 RT: 12.87 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BM017625.D
 Acq: 13 Nov 2018 17:47

Tgt Ion:172 Resp: 4077351
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.7 43.1
 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

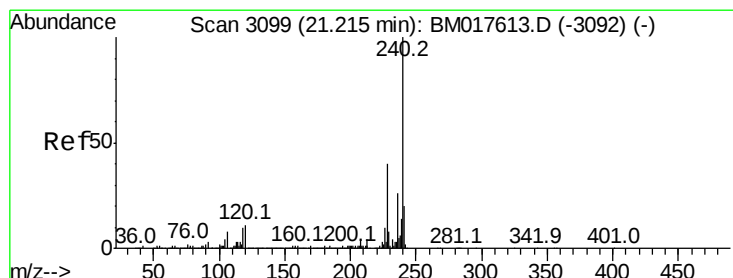
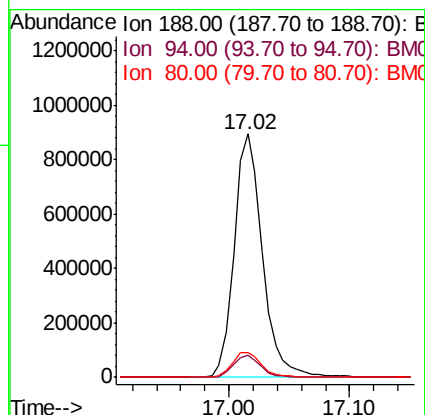
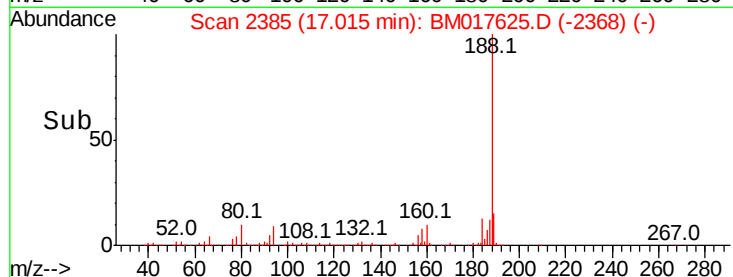
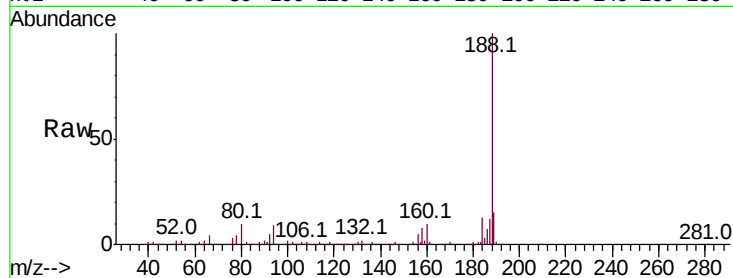




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM017625.D
Acq: 13 Nov 2018 17:47

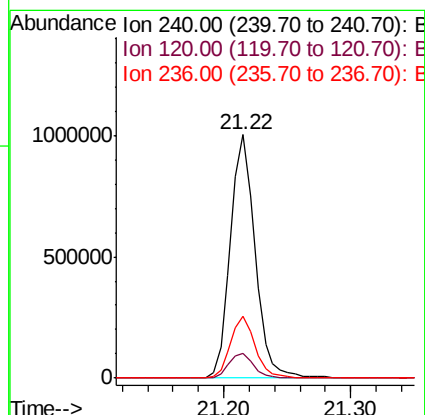
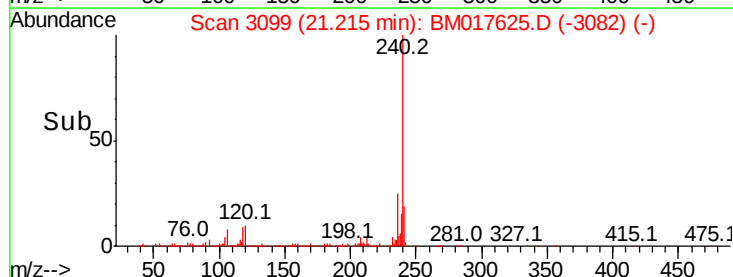
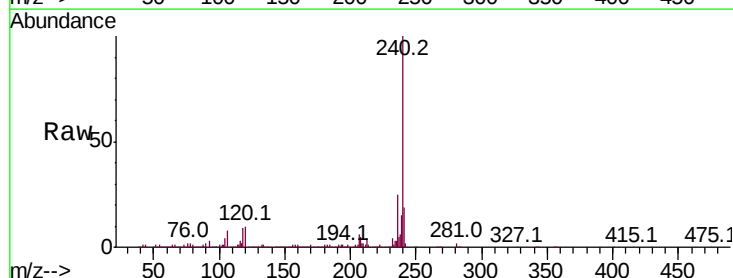
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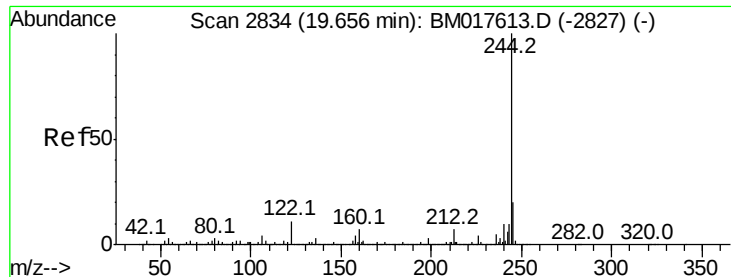
Tot Ion:188 Resp: 1455008
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 10.3 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM017625.D
Acq: 13 Nov 2018 17:47

Tgt Ion:240 Resp: 1353454
Ion Ratio Lower Upper
240 100
120 10.2 8.5 12.7
236 25.2 20.4 30.6

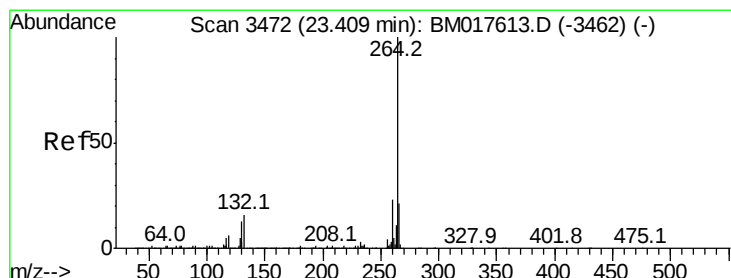
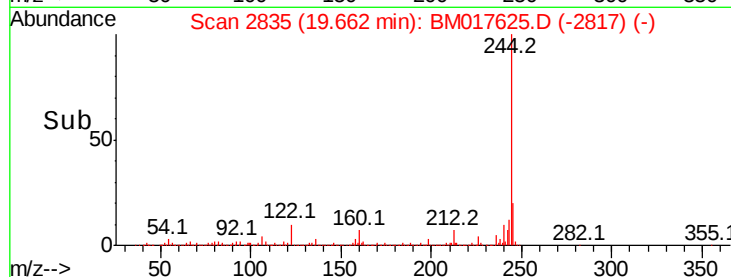
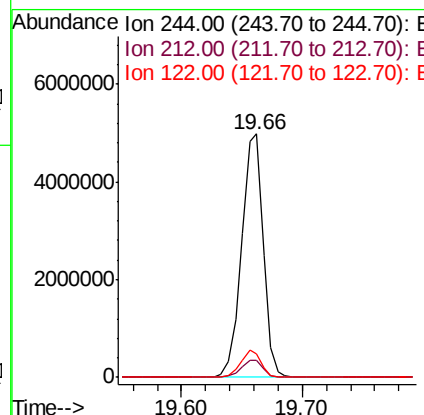
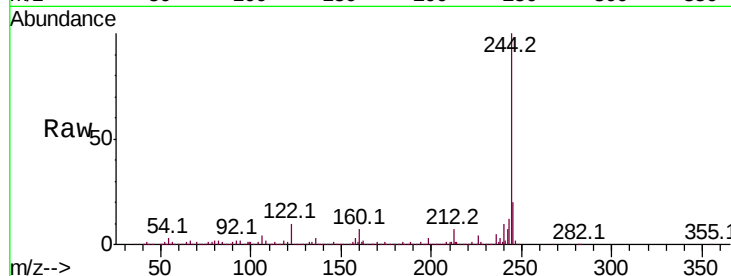




#79
 Terphenyl-d14
 Concen: 104.281 ng
 RT: 19.66 min Scan# 2835
 Delta R.T. 0.01 min
 Lab File: BM017625.D
 Acq: 13 Nov 2018 17:47

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-111218-A

Tot Ion:244 Resp: 6227396
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.9 9.0 13.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.41 min Scan# 3472
 Delta R.T. -0.00 min
 Lab File: BM017625.D
 Acq: 13 Nov 2018 17:47

Tgt Ion:264 Resp: 1109795
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.2 27.2
 265 21.7 17.5 26.3

