

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111318\
 Data File : BM017634.D
 Acq On : 13 Nov 2018 23:14
 Operator : MJ/SJ
 Sample : J5909-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-15

Quant Time: Nov 14 03:54:09 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	242833	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	988156	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	565811	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1288320	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1269697	20.00	ng	0.00
87) Perylene-d12	23.40	264	1076363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	838160	58.25	ng	0.00
7) Phenol-d6	6.80	99	704834	35.07	ng	0.00
23) Nitrobenzene-d5	8.77	82	1568900	81.97	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	969630	119.27	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3540365	81.18	ng	0.00
79) Terphenyl-d14	19.66	244	5310753	94.80	ng	0.00

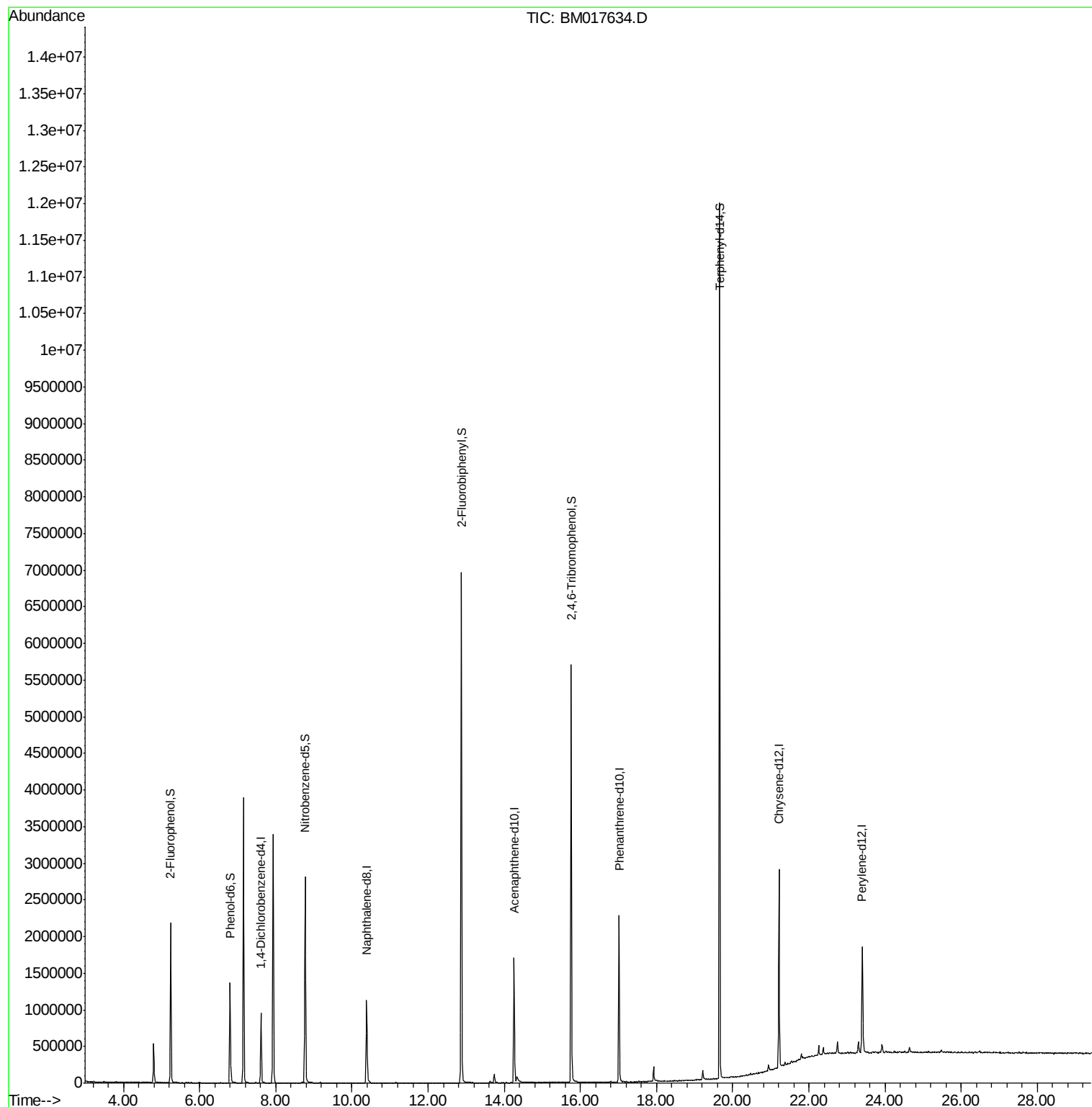
Target Compounds Qvalue

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

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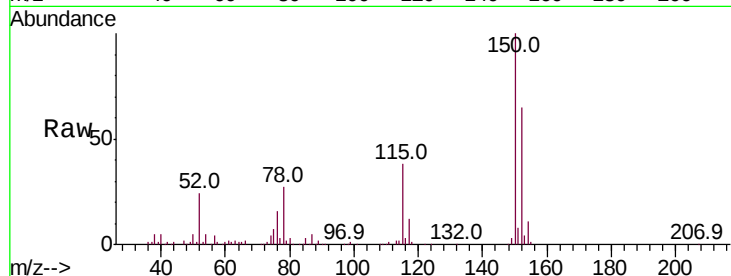


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM017634.D
Acq: 13 Nov 2018 23:14

Instrument :
BNA_M
ClientSampleId :
SB-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.4	189.6
115	59.3	49.4	74.0

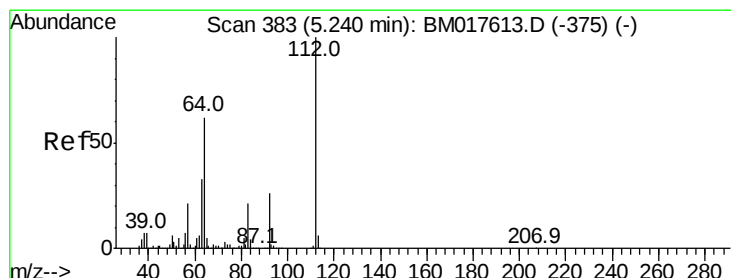
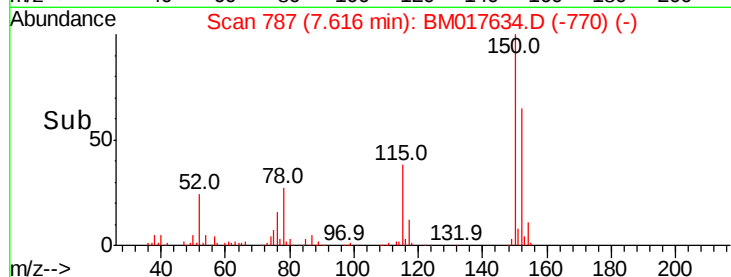
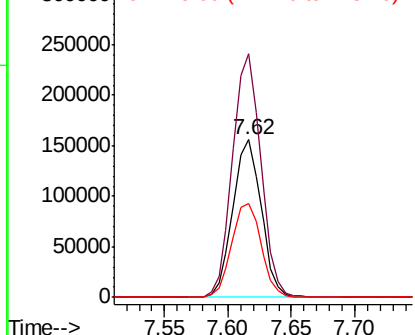


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

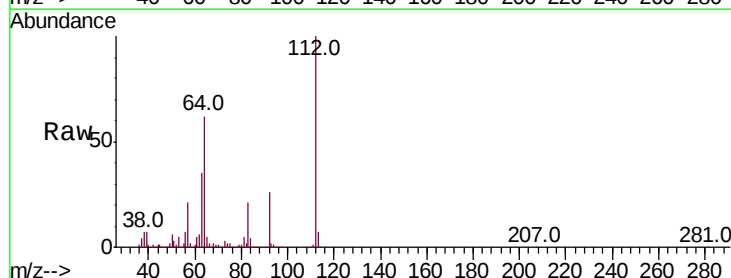
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 58.251 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017634.D
Acq: 13 Nov 2018 23:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	49.3	73.9
63	34.7	26.2	39.4

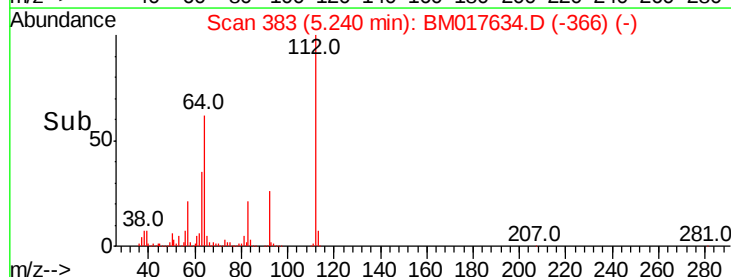
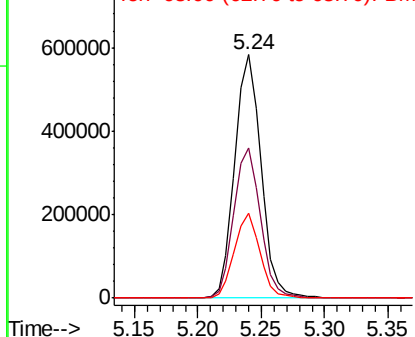


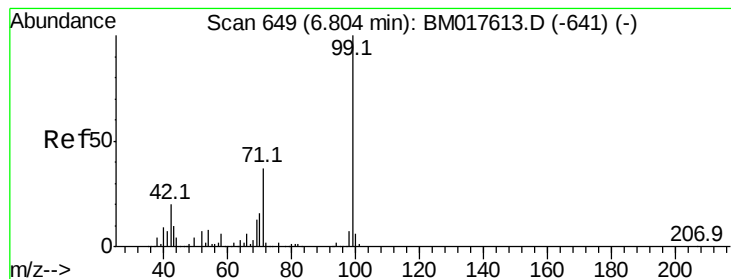
Abundance

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: 35.073 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017634.D

Acq: 13 Nov 2018 23:14

Instrument :

BNA_M

ClientSampleId :

SB-15

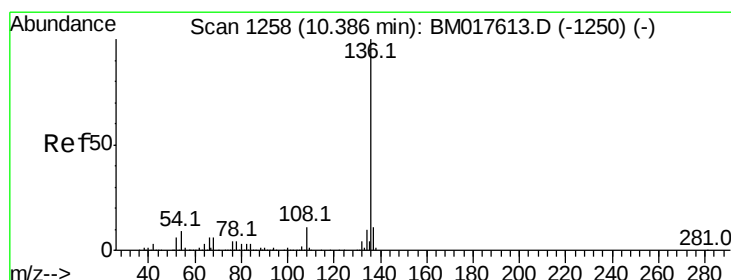
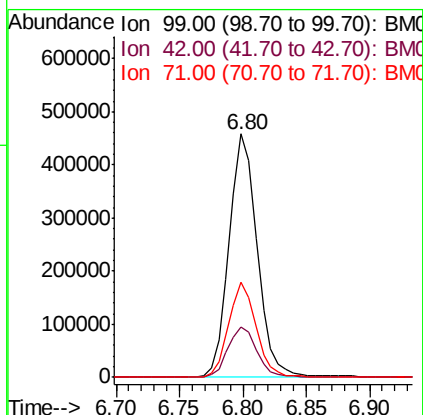
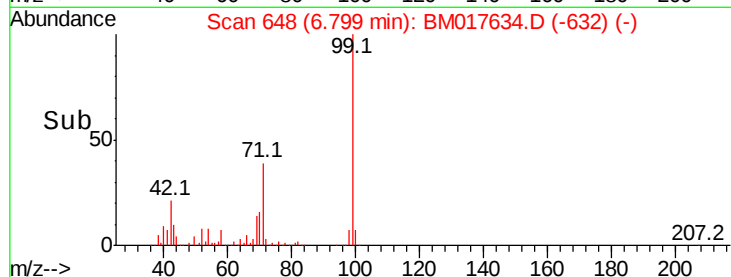
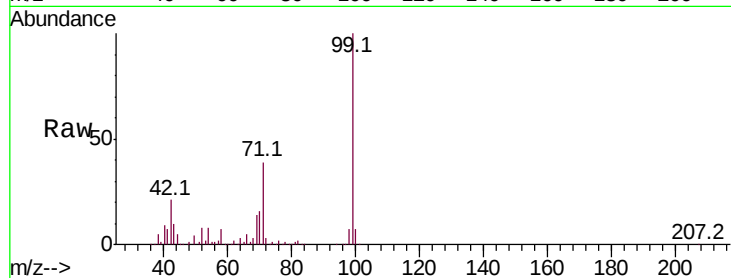
Tot Ion: 99 Resp: 704834

Ion Ratio Lower Upper

99 100

42 20.9 16.3 24.5

71 38.9 29.8 44.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BM017634.D

Acq: 13 Nov 2018 23:14

Tgt Ion: 136 Resp: 988156

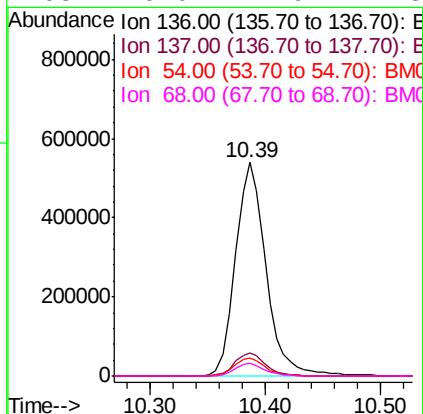
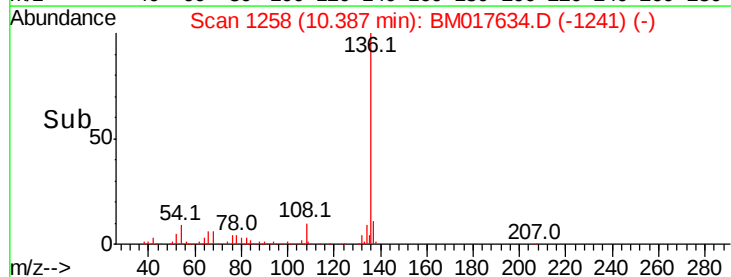
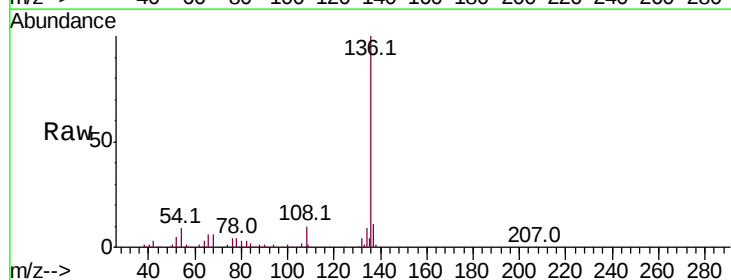
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 8.6 7.0 10.6

68 6.0 4.9 7.3

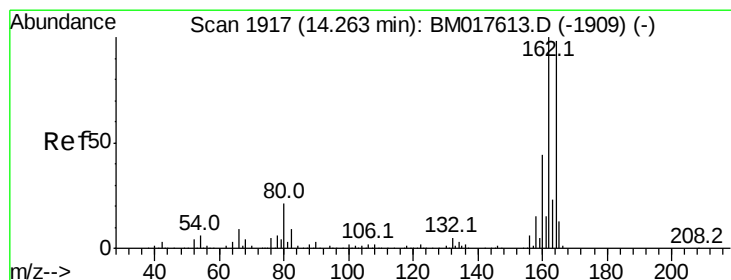
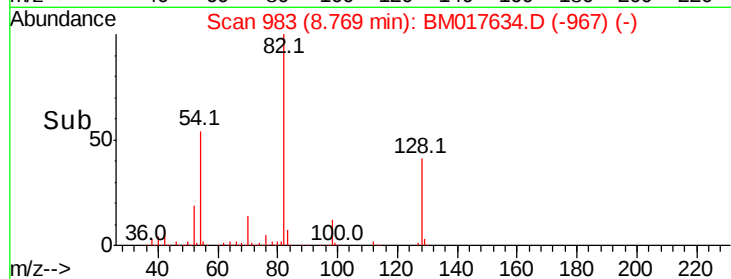
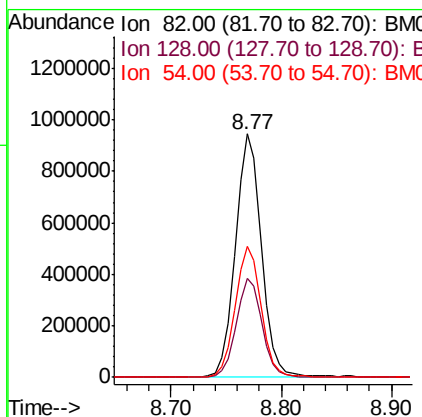
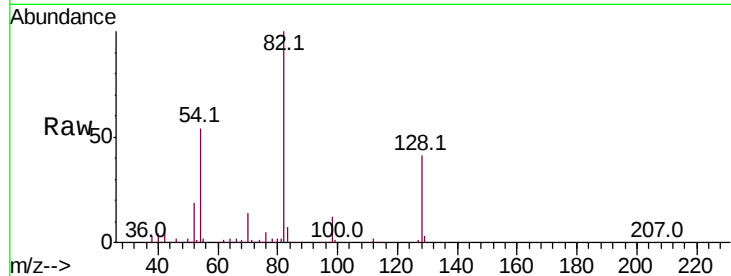




#23
Nitrobenzene-d5
Concen: 81.966 ng
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM017634.D
Acq: 13 Nov 2018 23:14

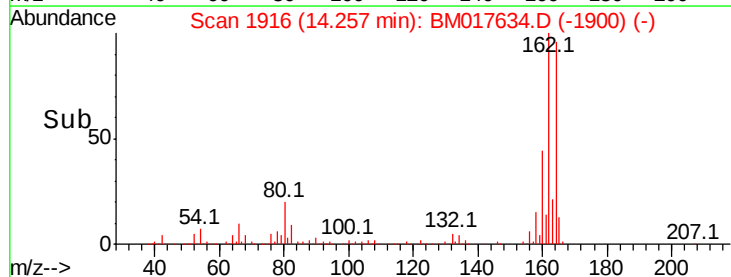
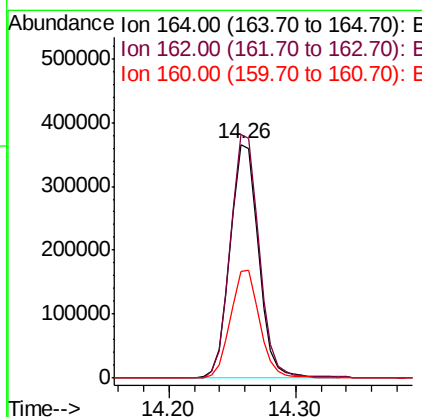
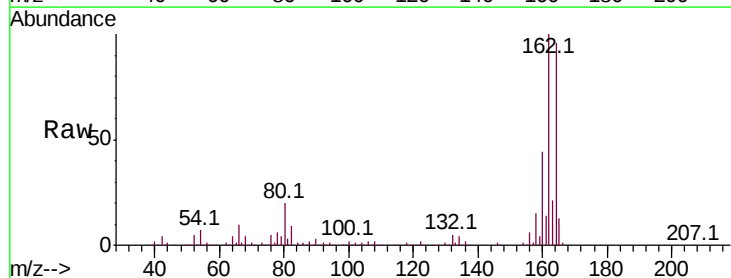
Instrument :
BNA_M
ClientSampleId :
SB-15

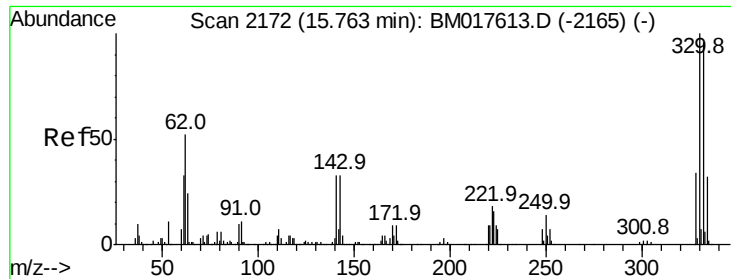
Tot Ion: 82 Resp: 1568900
Ion Ratio Lower Upper
82 100
128 40.7 33.0 49.4
54 53.8 41.4 62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM017634.D
Acq: 13 Nov 2018 23:14

Tgt Ion:164 Resp: 565811
Ion Ratio Lower Upper
164 100
162 104.2 81.4 122.0
160 45.6 35.6 53.4

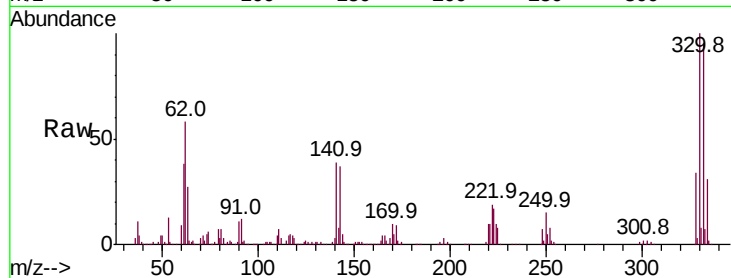




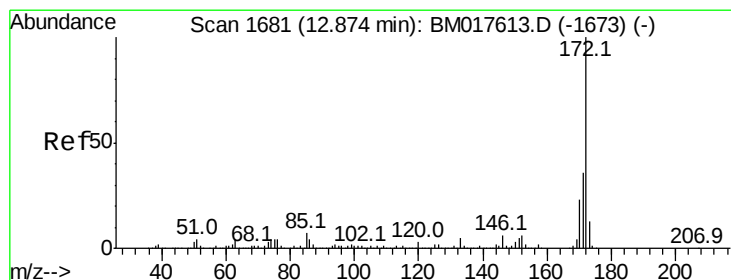
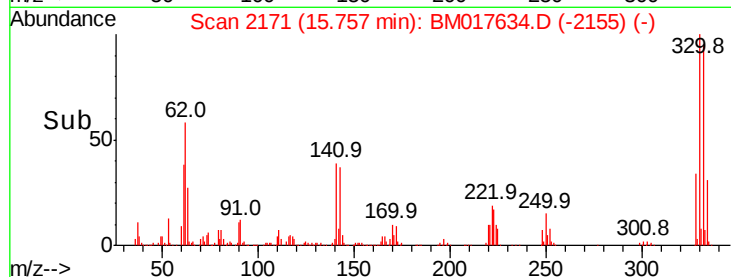
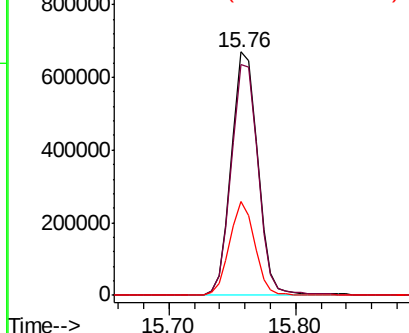
#42
 2,4,6-Tribromophenol
 Concen: 119.267 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM017634.D
 Acq: 13 Nov 2018 23:14

Instrument :
 BNA_M
 ClientSampled :
 SB-15

Tot Ion:330 Resp: 969630
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.9 116.9
 141 36.7 27.5 41.3

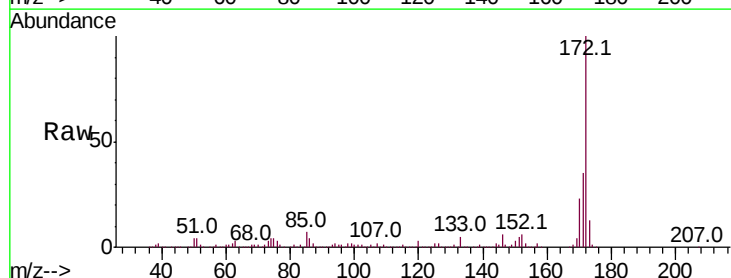


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

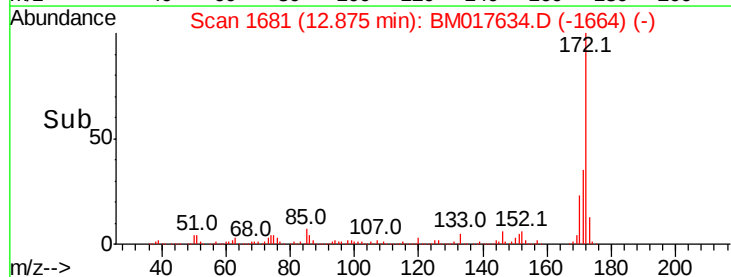
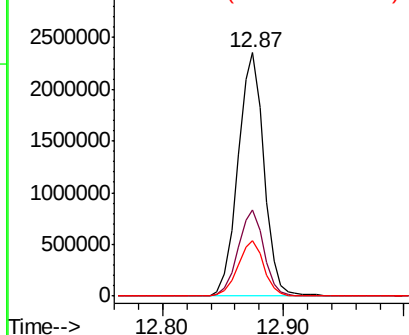


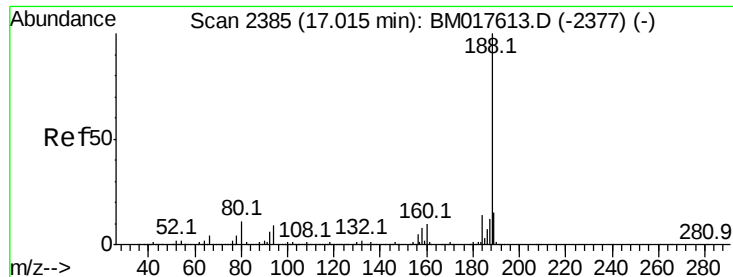
#45
 2-Fluorobiphenyl
 Concen: 81.176 ng
 RT: 12.87 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BM017634.D
 Acq: 13 Nov 2018 23:14

Tgt Ion:172 Resp: 3540365
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.7 43.1
 170 23.0 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: BM017634.D

Acq: 13 Nov 2018 23:14

Instrument :

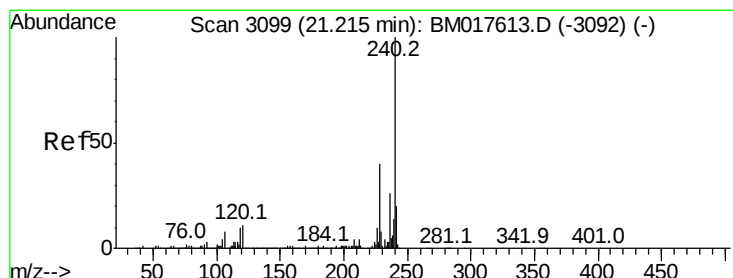
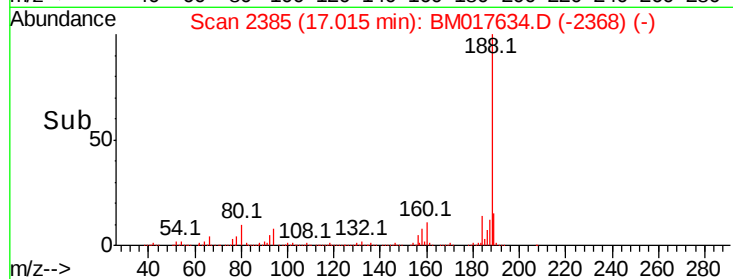
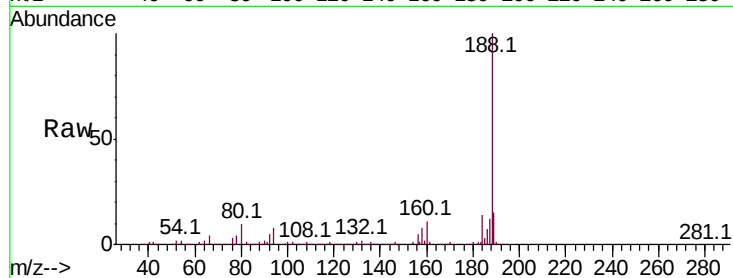
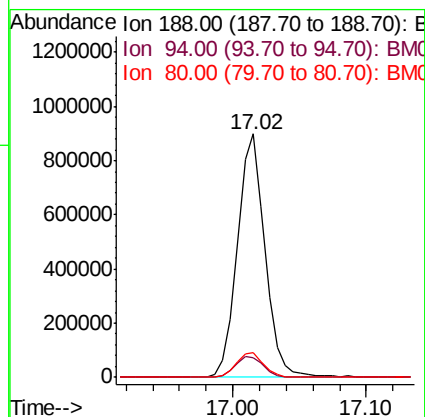
BNA_M

ClientSampleId :

SB-15

Tot Ion:188 Resp: 1288320

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.5	11.3
80	10.1	8.6	13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

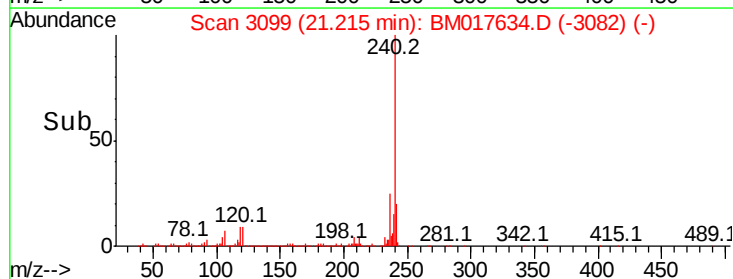
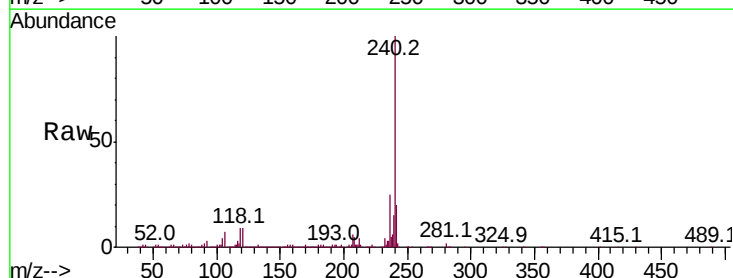
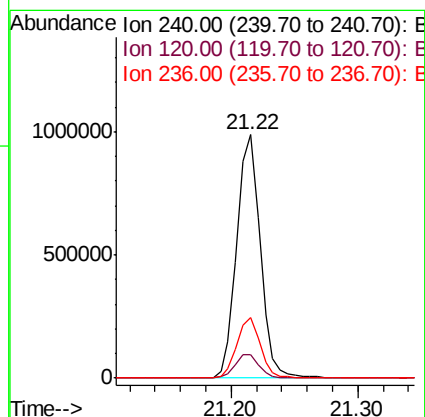
Delta R.T. 0.00 min

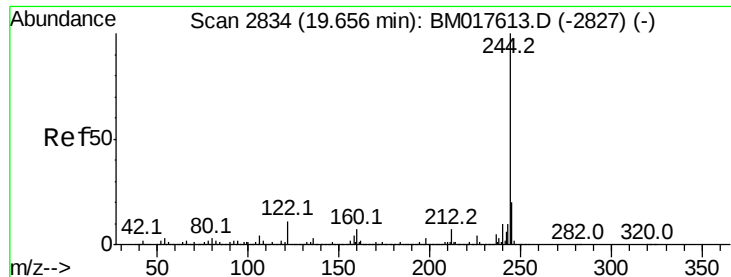
Lab File: BM017634.D

Acq: 13 Nov 2018 23:14

Tgt Ion:240 Resp: 1269697

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.5	12.7
236	24.7	20.4	30.6

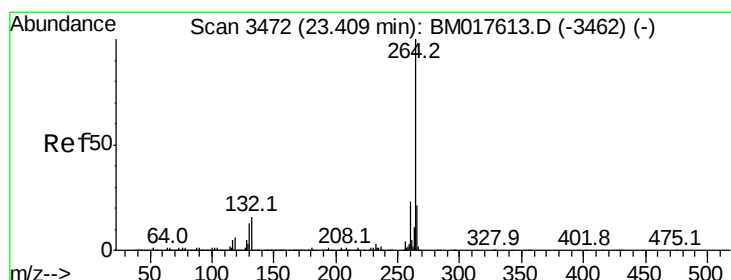
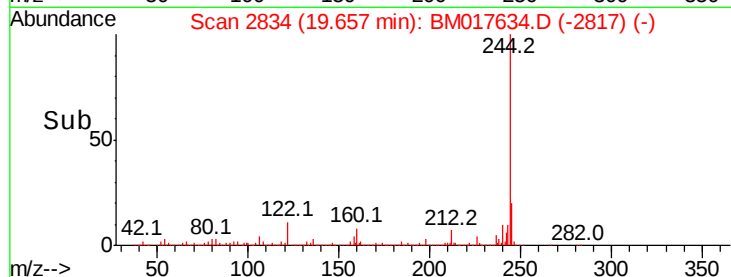
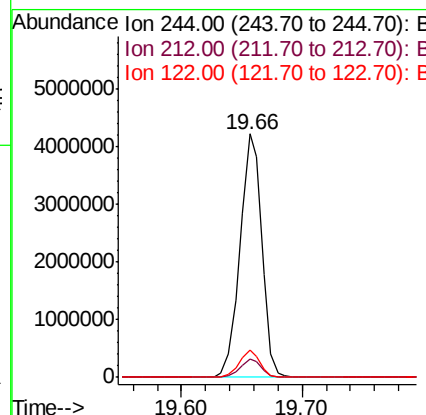
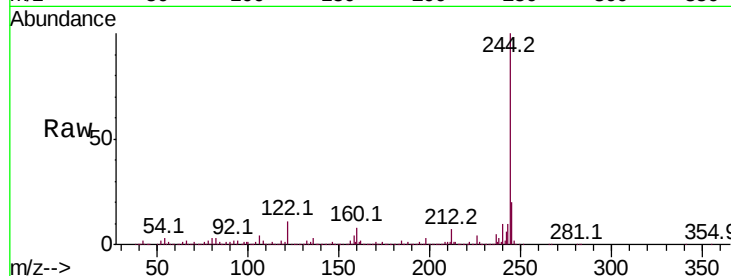




#79
 Terphenyl-d14
 Concen: 94.797 ng
 RT: 19.66 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BM017634.D
 Acq: 13 Nov 2018 23:14

Instrument :
 BNA_M
 ClientSampled :
 SB-15

Tot Ion:244 Resp: 5310753
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 11.3 9.0 13.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.40 min Scan# 3471
 Delta R.T. -0.01 min
 Lab File: BM017634.D
 Acq: 13 Nov 2018 23:14

Tgt Ion:264 Resp: 1076363
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 21.7 17.5 26.3

