

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120618\
 Data File : BM017945.D
 Acq On : 05 Dec 2018 21:14
 Operator : JU/SJ
 Sample : J6233-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-1

Quant Time: Dec 06 00:18:58 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

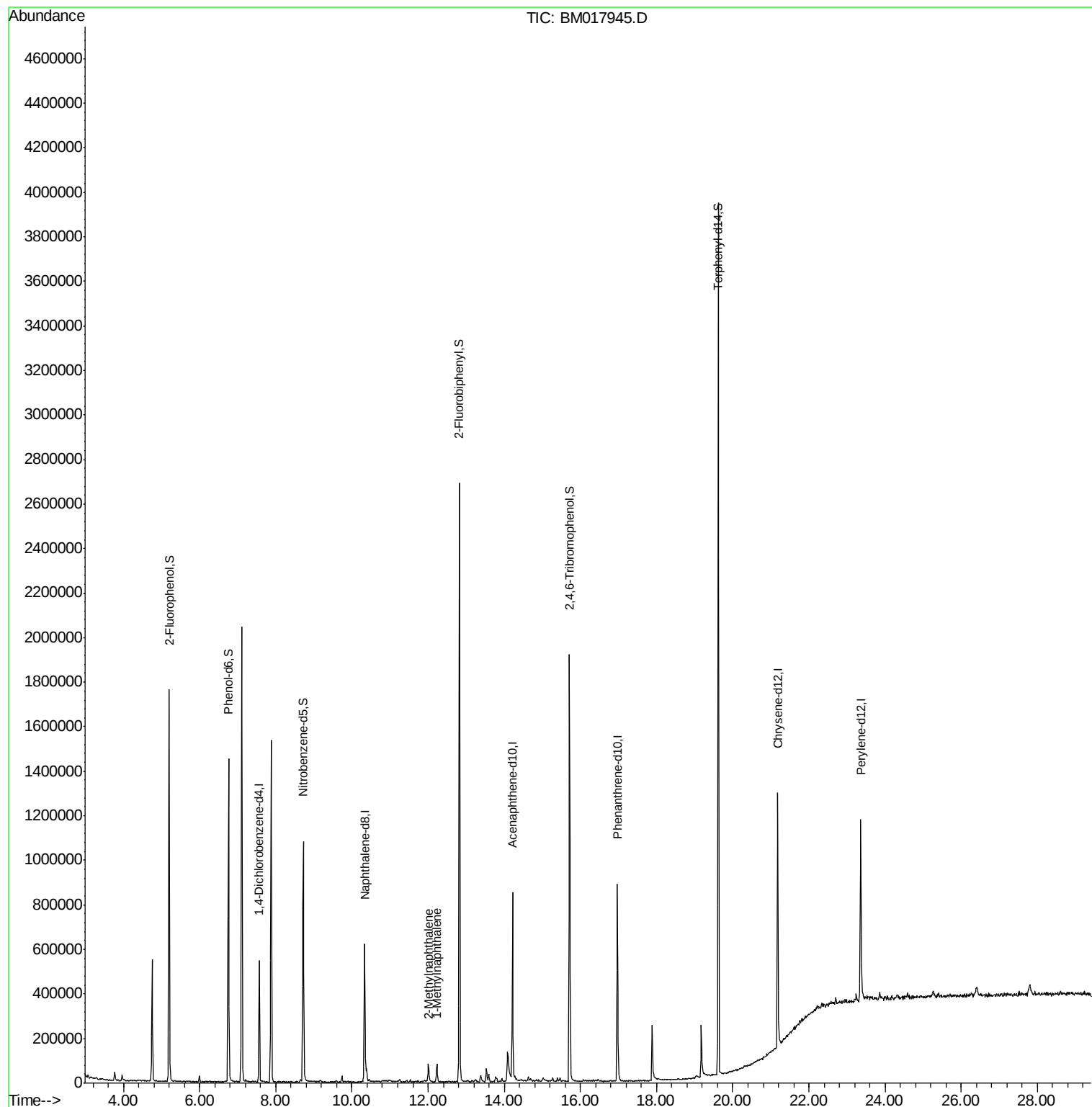
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	146586	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	539733	20.00	ng	-0.05
39) Acenaphthene-d10	14.22	164	277353	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	551854	20.00	ng	-0.04
76) Chrysene-d12	21.18	240	575478	20.00	ng	-0.04
87) Perylene-d12	23.36	264	613559	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	758694	87.35	ng	-0.04
7) Phenol-d6	6.76	99	830757	68.48	ng	-0.05
23) Nitrobenzene-d5	8.72	82	659143	63.05	ng	-0.05
42) 2,4,6-Tribromophenol	15.72	330	373105	93.62	ng	-0.05
45) 2-Fluorobiphenyl	12.83	172	1442649	67.48	ng	-0.05
79) Terphenyl-d14	19.62	244	1872410	73.74	ng	-0.04
Target Compounds						
37) 2-Methylnaphthalene	12.01	142	44063	2.349	ng	Qvalue 93
38) 1-Methylnaphthalene	12.23	142	41853	2.276	ng	99

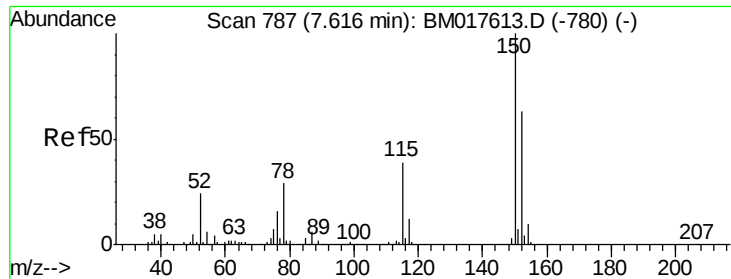
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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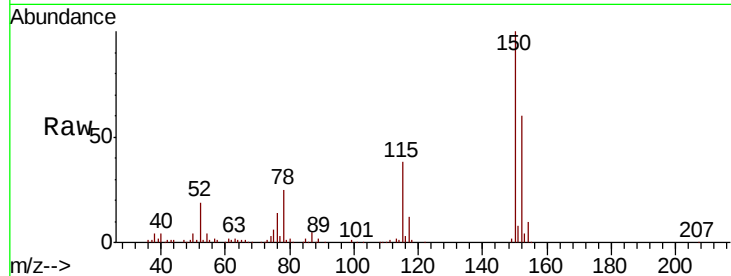


#1

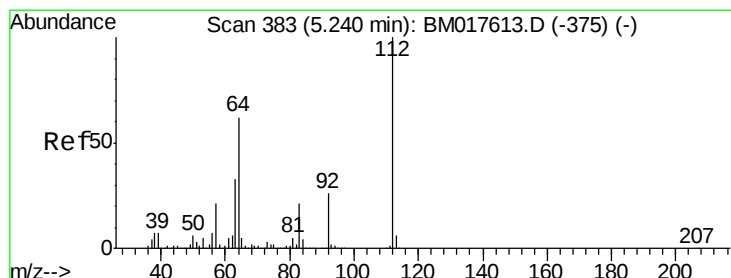
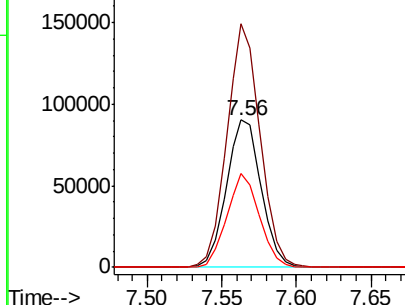
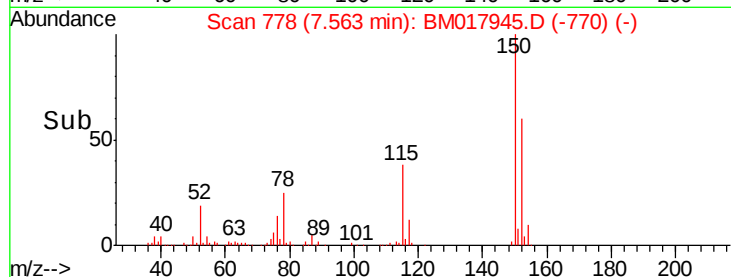
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.05 min
Lab File: BM017945.D
Acq: 05 Dec 2018 21:14

Instrument :
BNA_M
ClientSampleId :
SB-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	165.5	126.4	189.6
115	63.7	49.4	74.0



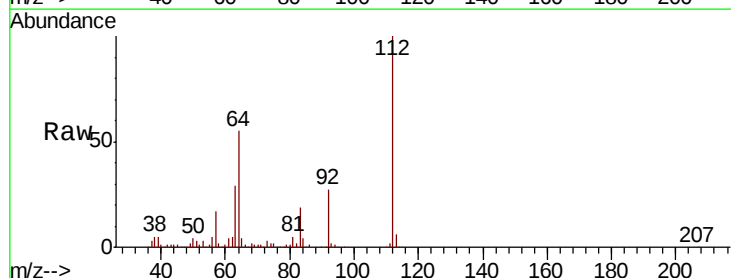
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



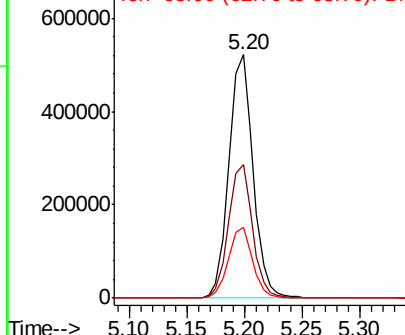
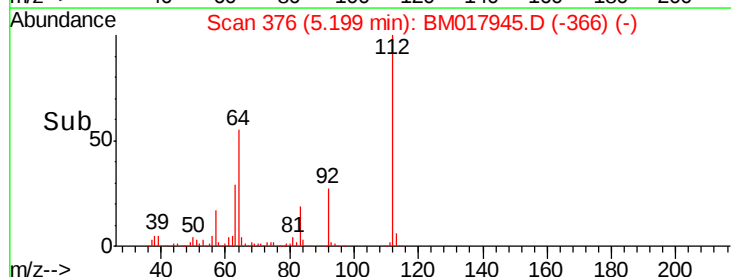
#5

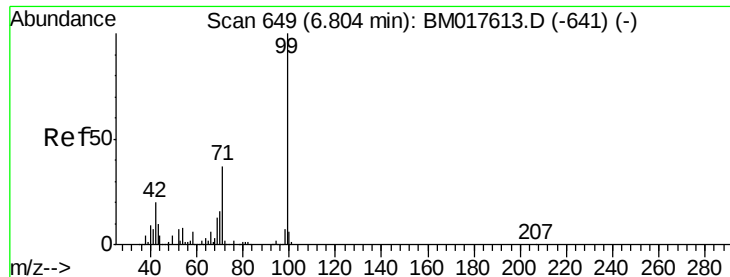
2-Fluorophenol
Concen: 87.349 ng
RT: 5.20 min Scan# 376
Delta R.T. -0.04 min
Lab File: BM017945.D
Acq: 05 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	49.3	73.9
63	28.8	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: 68.482 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.05 min

Lab File: BM017945.D

Acq: 05 Dec 2018 21:14

Instrument :

BNA_M

ClientSampleId :

SB-1

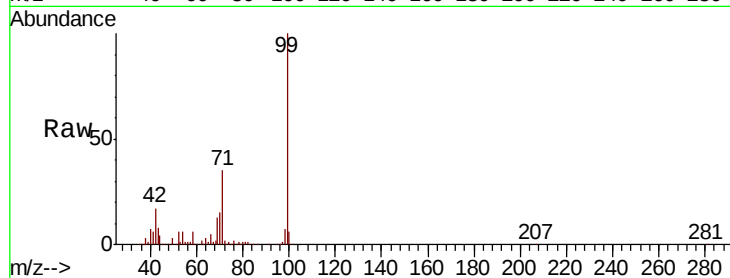
Tgt Ion: 99 Resp: 830757

Ion Ratio Lower Upper

99 100

42 16.7 16.3 24.5

71 35.1 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) (-)

6.76

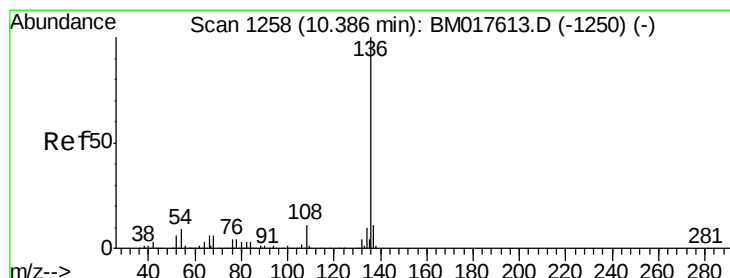
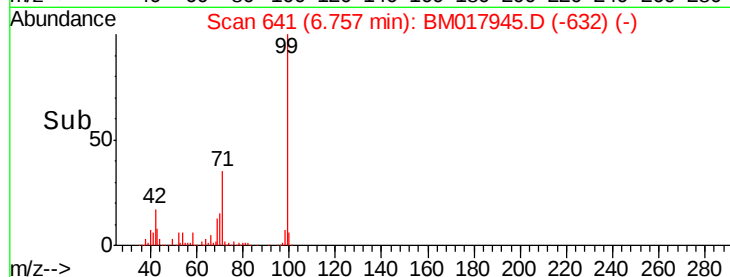
400000

200000

0

6.65 6.70 6.75 6.80 6.85

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1249

Delta R.T. -0.05 min

Lab File: BM017945.D

Acq: 05 Dec 2018 21:14

Tgt Ion: 136 Resp: 539733

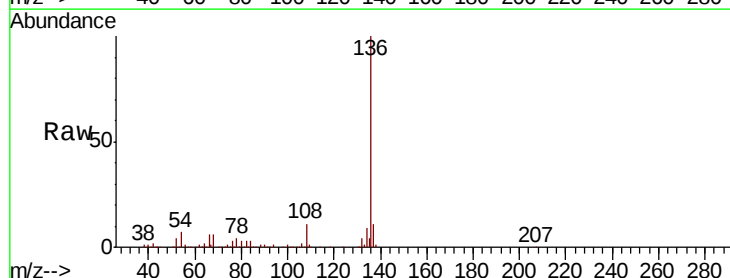
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 7.2 7.0 10.6

68 5.9 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) (-)

10.33

400000

300000

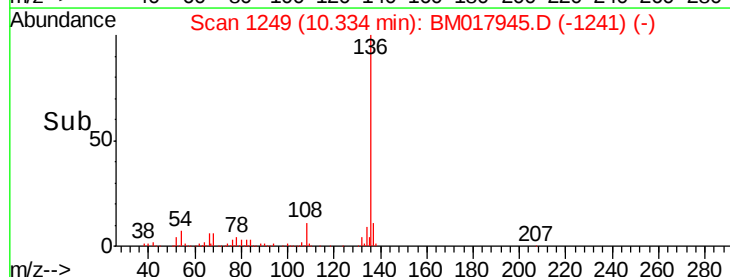
200000

100000

0

10.30 10.40

Time-->

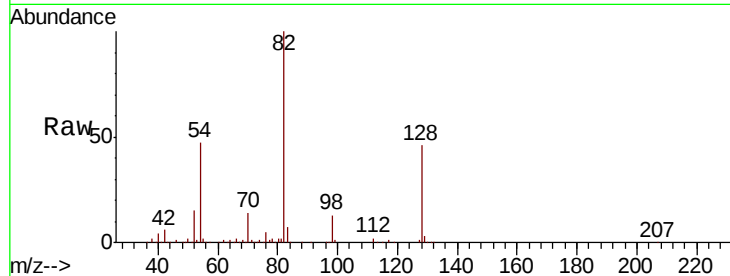




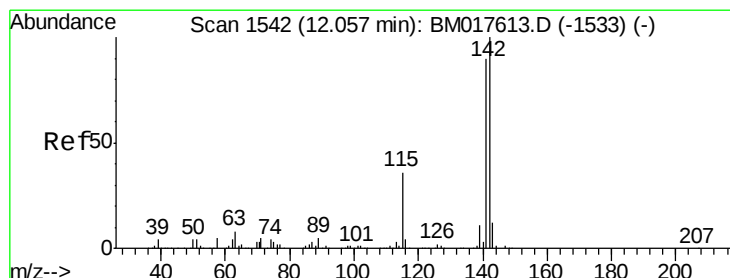
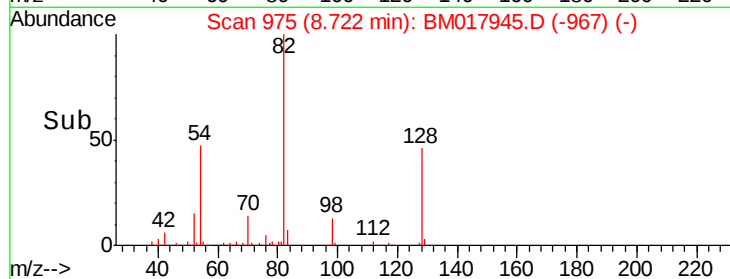
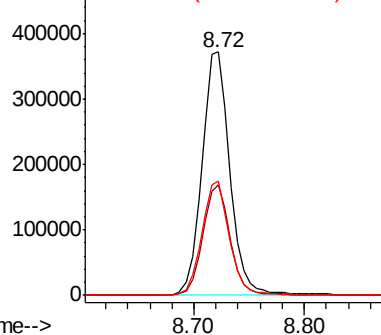
#23
Nitrobenzene-d5
Concen: 63.047 ng
RT: 8.72 min Scan# 975
Delta R.T. -0.05 min
Lab File: BM017945.D
Acq: 05 Dec 2018 21:14

Instrument :
BNA_M
ClientSampled :
SB-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	33.0	49.4
54	47.1	41.4	62.2

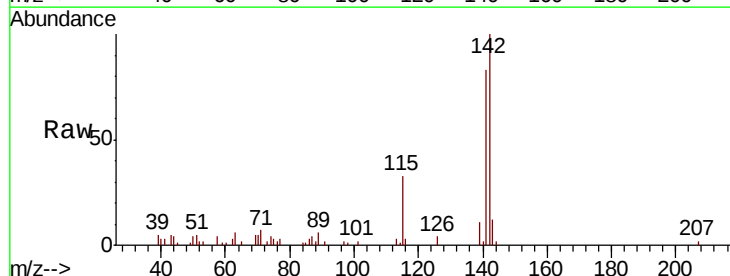


Abundance Ion 82.00 (81.70 to 82.70): BM017613.D (-975) (-)

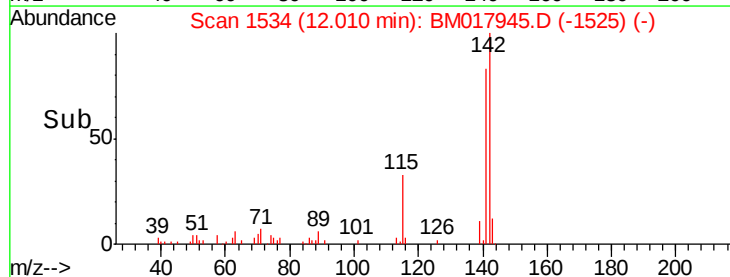
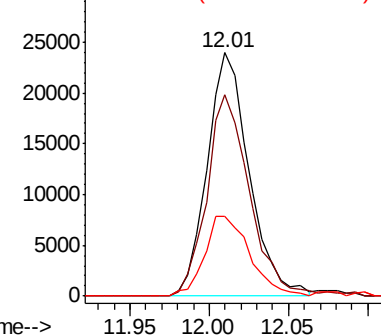


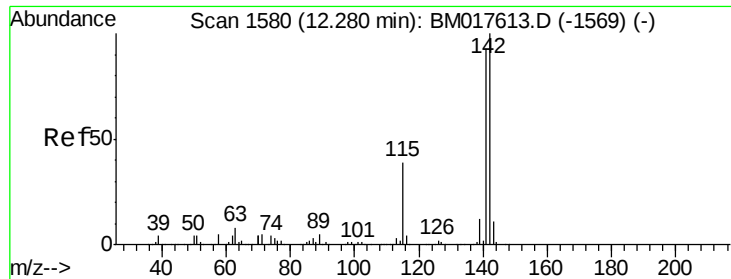
#37
2-Methylnaphthalene
Concen: 2.349 ng
RT: 12.01 min Scan# 1534
Delta R.T. -0.05 min
Lab File: BM017945.D
Acq: 05 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.5	72.2	108.4
115	32.8	28.5	42.7



Abundance Ion 142.00 (141.70 to 142.70): BM017613.D (-1533) (-)

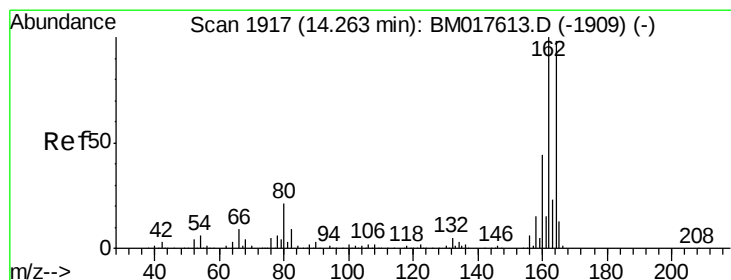
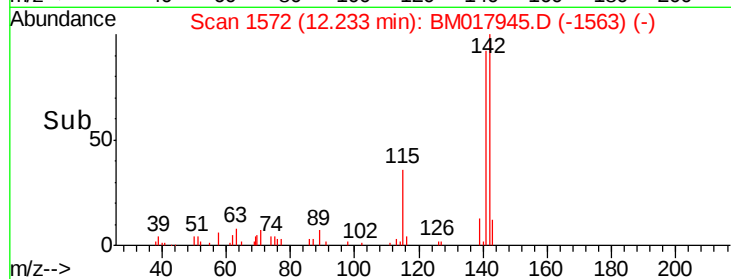
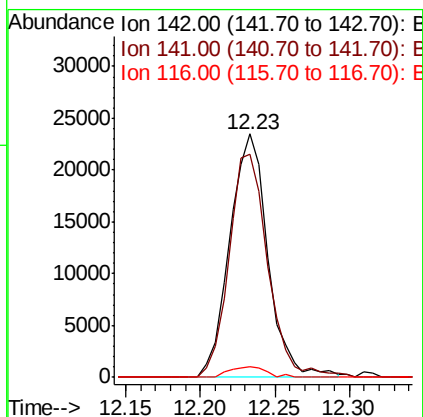
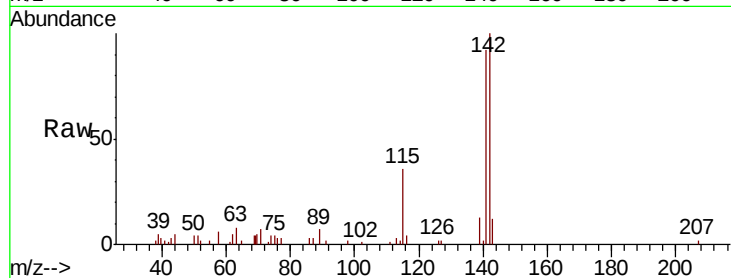




#38
 1-Methylnaphthalene
 Concen: 2.276 ng
 RT: 12.23 min Scan# 1572
 Delta R.T. -0.05 min
 Lab File: BM017945.D
 Acq: 05 Dec 2018 21:14

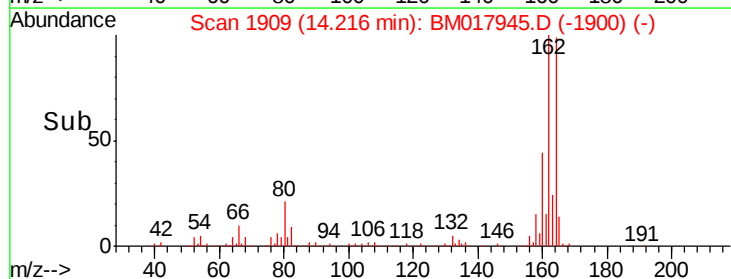
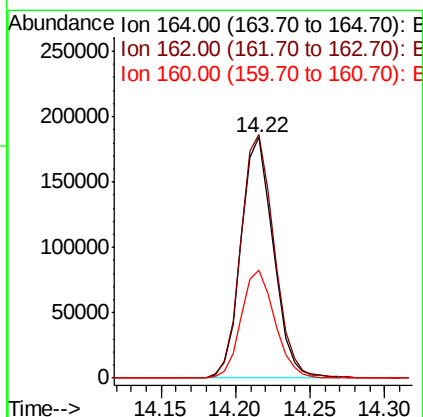
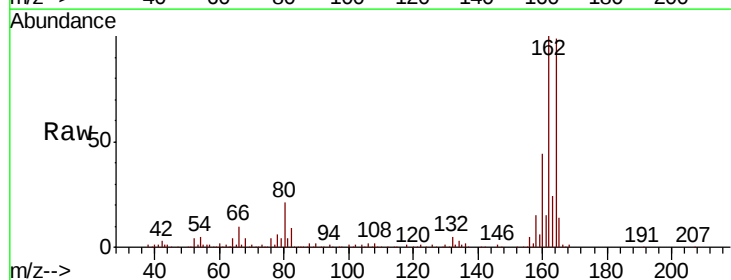
Instrument :
 BNA_M
 ClientSampleId :
 SB-1

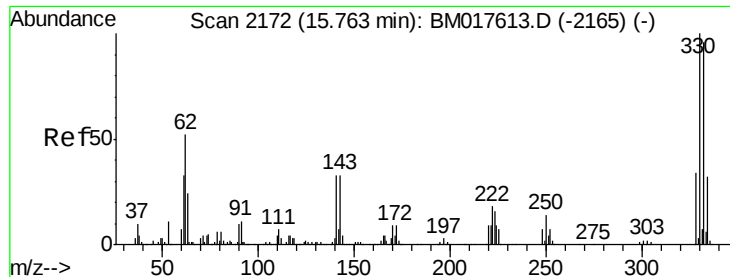
Tgt Ion:142 Resp: 41853
 Ion Ratio Lower Upper
 142 100
 141 91.9 74.2 111.4
 116 4.4 3.1 4.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1909
 Delta R.T. -0.05 min
 Lab File: BM017945.D
 Acq: 05 Dec 2018 21:14

Tgt Ion:164 Resp: 277353
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.4 122.0
 160 45.0 35.6 53.4

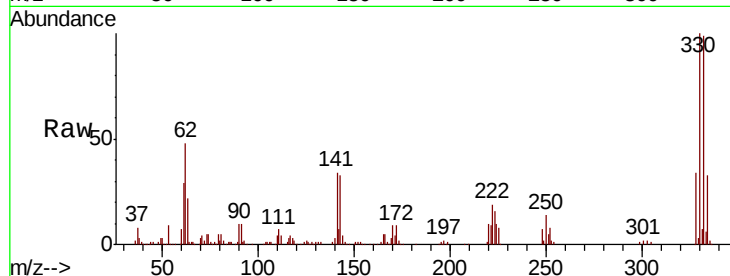




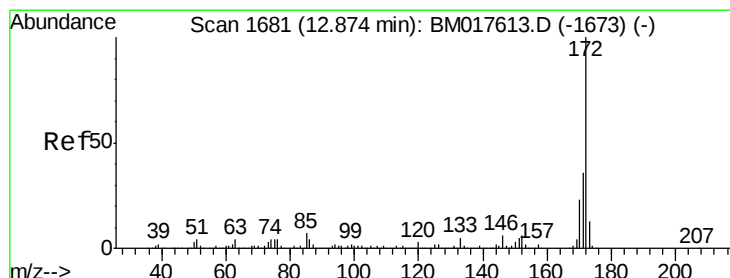
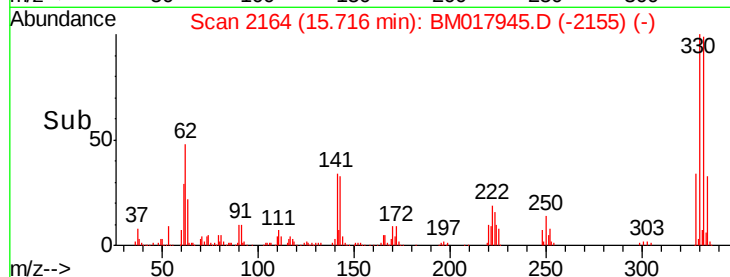
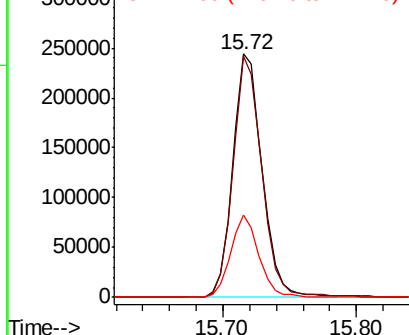
#42
 2,4,6-Tribromophenol
 Concen: 93.623 ng
 RT: 15.72 min Scan# 2164
 Delta R.T. -0.05 min
 Lab File: BM017945.D
 Acq: 05 Dec 2018 21:14

Instrument :
 BNA_M
 ClientSampleId :
 SB-1

Tgt Ion:330 Resp: 373105
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.9 116.9
 141 32.8 27.5 41.3

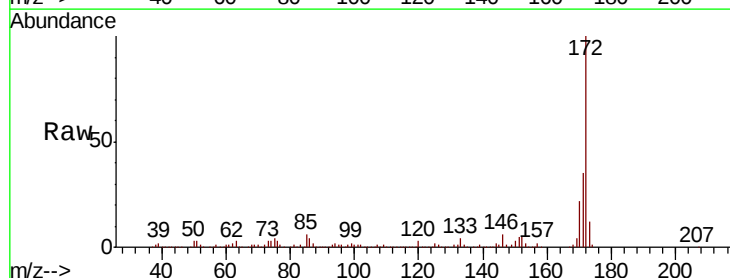


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

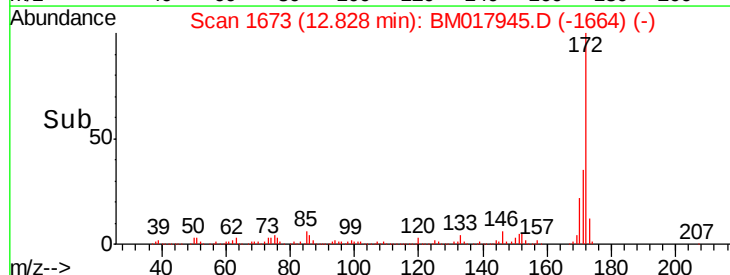
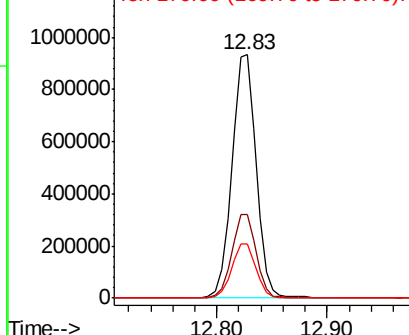


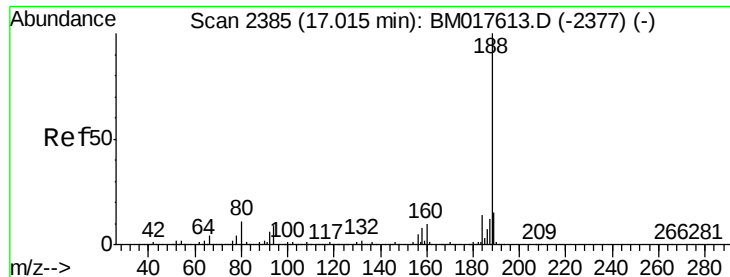
#45
 2-Fluorobiphenyl
 Concen: 67.481 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.05 min
 Lab File: BM017945.D
 Acq: 05 Dec 2018 21:14

Tgt Ion:172 Resp: 1442649
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.7 43.1
 170 22.2 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: 16.97 min Scan# 2378

Delta R.T. -0.04 min

Lab File: BM017945.D

Acq: 05 Dec 2018 21:14

Instrument :

BNA_M

ClientSampled :

SB-1

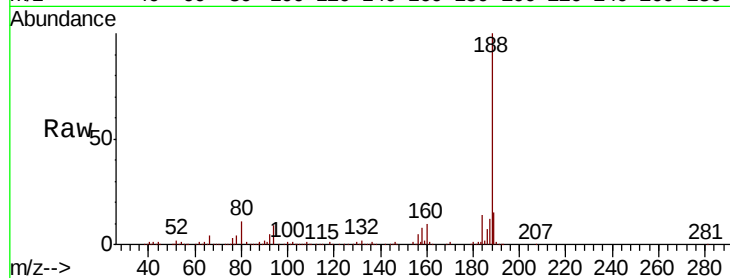
Tgt Ion:188 Resp: 551854

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

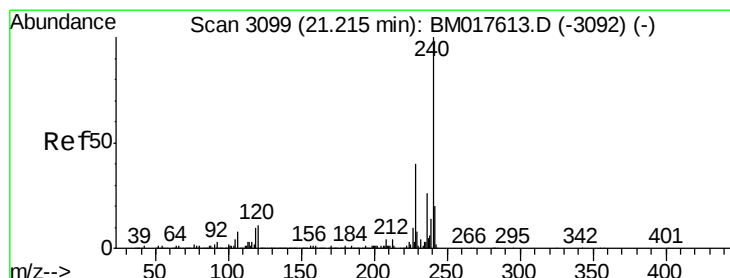
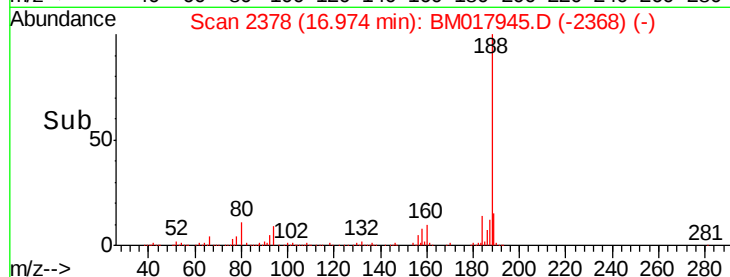
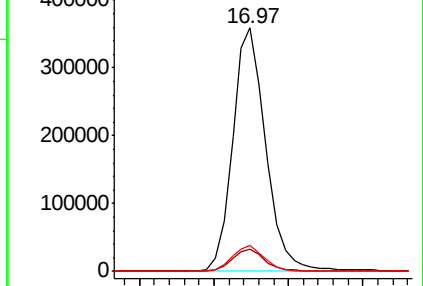
80 10.7 8.6 13.0



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: 21.18 min Scan# 3093

Delta R.T. -0.04 min

Lab File: BM017945.D

Acq: 05 Dec 2018 21:14

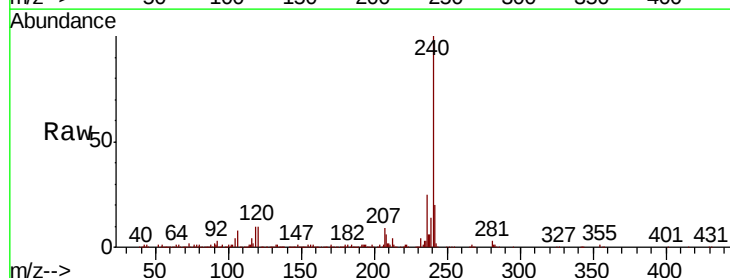
Tgt Ion:240 Resp: 575478

Ion Ratio Lower Upper

240 100

120 10.2 8.5 12.7

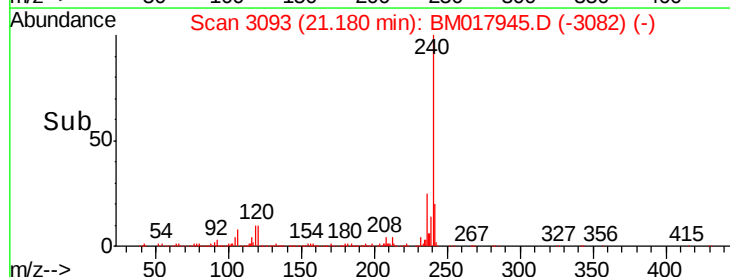
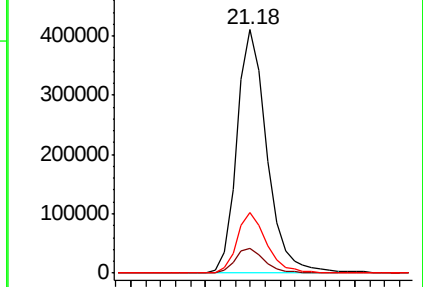
236 24.7 20.4 30.6

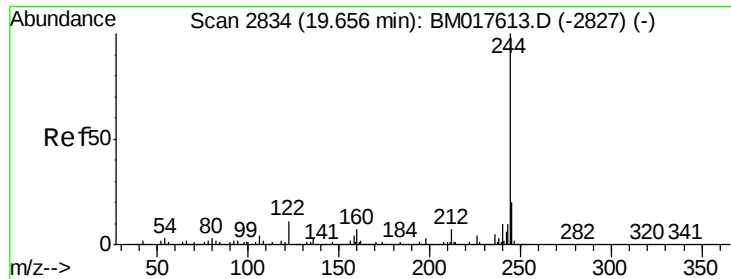


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.742 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM017945.D

Acq: 05 Dec 2018 21:14

Instrument :

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ClientSampleId :

SB-1

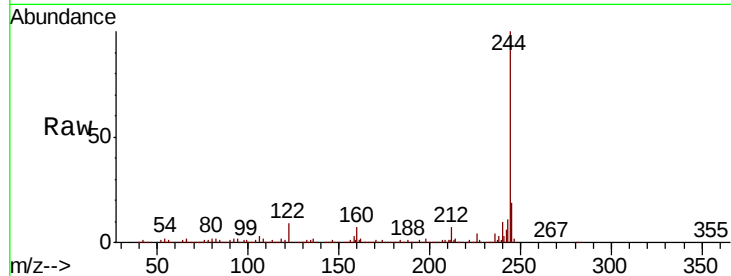
Tgt Ion:244 Resp: 1872410

Ion Ratio Lower Upper

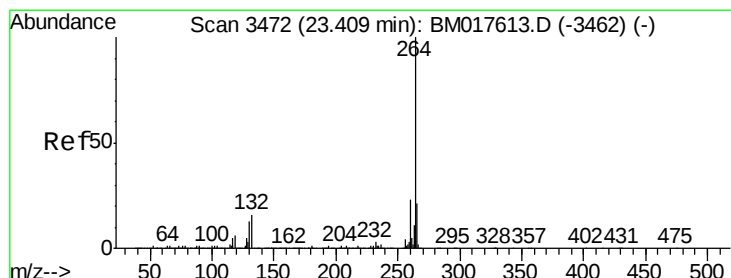
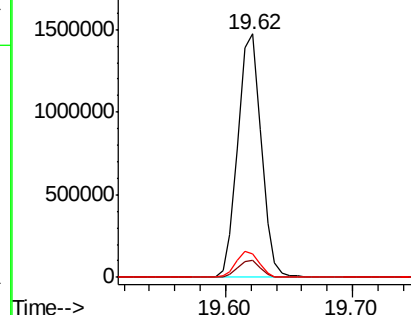
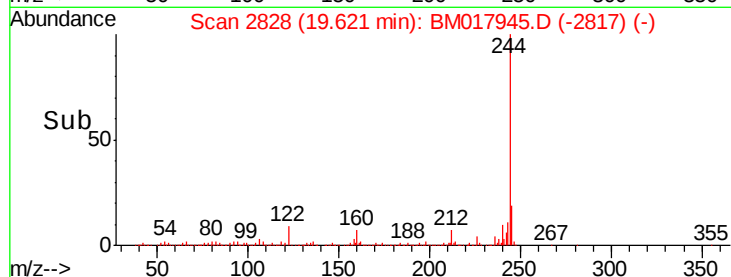
244 100

212 6.8 5.8 8.6

122 9.4 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
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: 23.36 min Scan# 3464

Delta R.T. -0.05 min

Lab File: BM017945.D

Acq: 05 Dec 2018 21:14

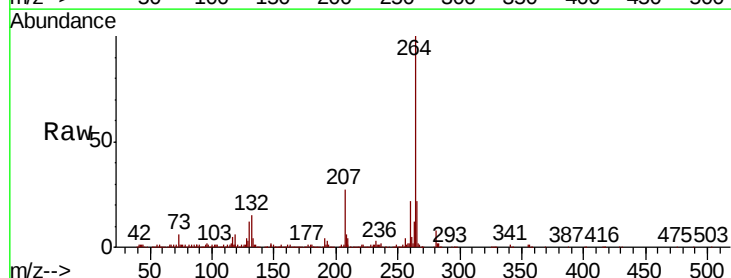
Tgt Ion:264 Resp: 613559

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.2

265 21.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
400000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

