

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
 Data File : BM017957.D
 Acq On : 06 Dec 2018 05:02
 Operator : JU/SJ
 Sample : J6208-22
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-6

Quant Time: Dec 06 07:24:55 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	154145	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	543185	20.00	ng	-0.05
39) Acenaphthene-d10	14.21	164	276031	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	562973	20.00	ng	-0.05
76) Chrysene-d12	21.18	240	570882	20.00	ng	-0.04
87) Perylene-d12	23.36	264	597225	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	857617	93.90	ng	-0.05
7) Phenol-d6	6.75	99	923092	72.36	ng	-0.05
23) Nitrobenzene-d5	8.72	82	763971	72.61	ng	-0.06
42) 2,4,6-Tribromophenol	15.72	330	406477	102.49	ng	-0.05
45) 2-Fluorobiphenyl	12.82	172	1668185	78.40	ng	-0.05
79) Terphenyl-d14	19.62	244	2030787	80.62	ng	-0.04

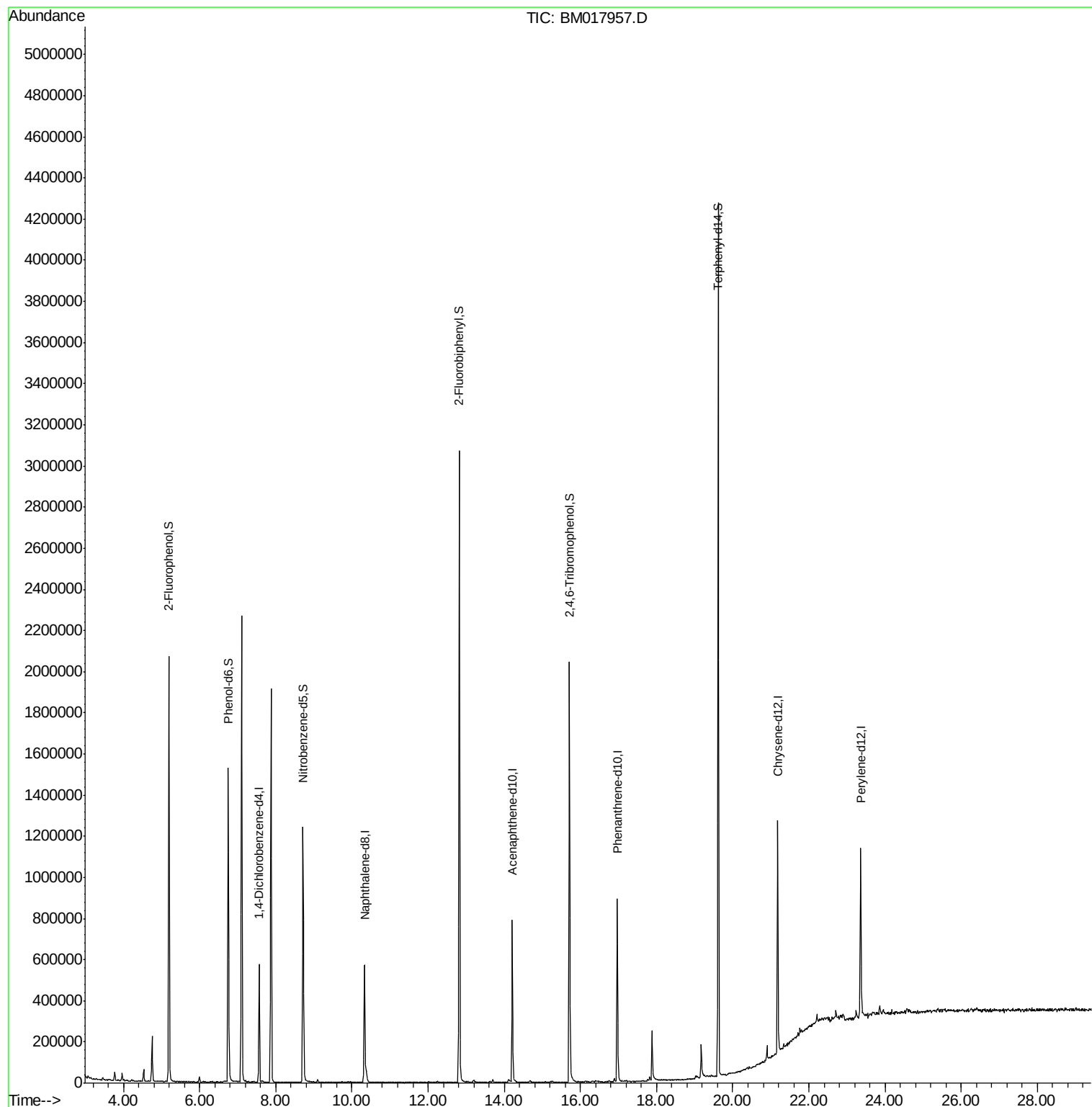
Target Compounds Qvalue

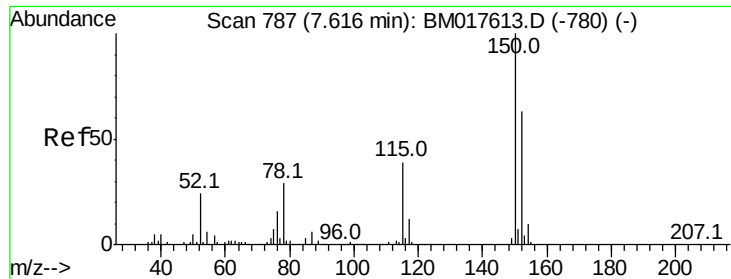
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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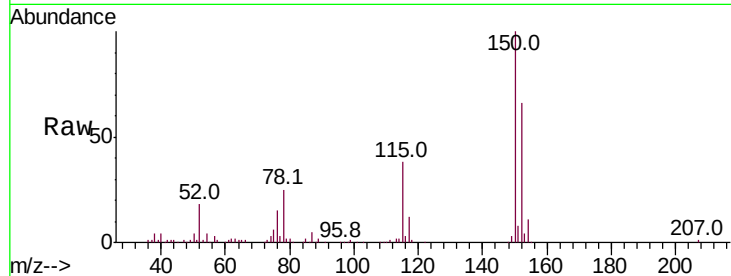


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.05 min
Lab File: BM017957.D
Acq: 06 Dec 2018 05:02

Instrument :
BNA_M
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	126.4	189.6
115	57.5	49.4	74.0

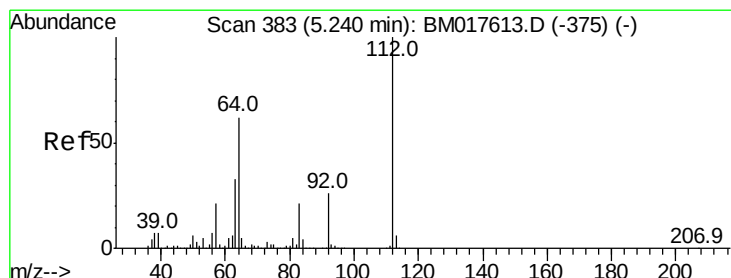
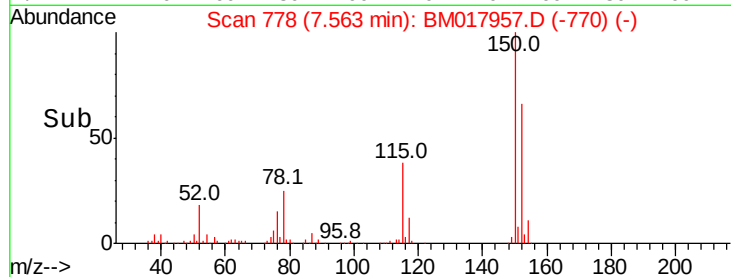
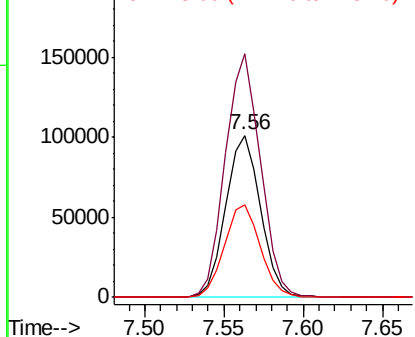


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

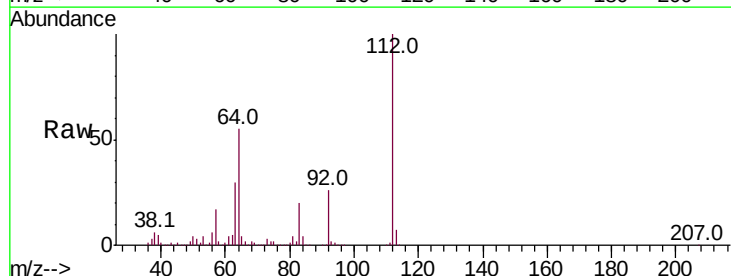
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.896 ng
RT: 5.19 min Scan# 375
Delta R.T. -0.05 min
Lab File: BM017957.D
Acq: 06 Dec 2018 05:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	49.3	73.9
63	29.5	26.2	39.4

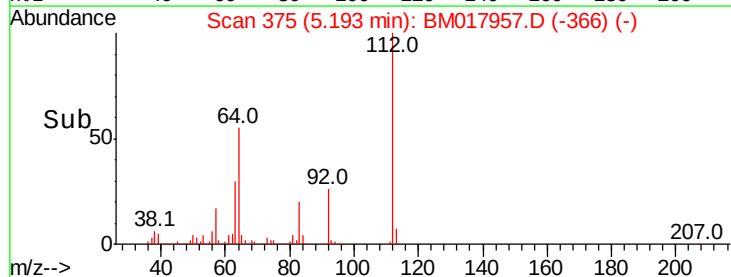
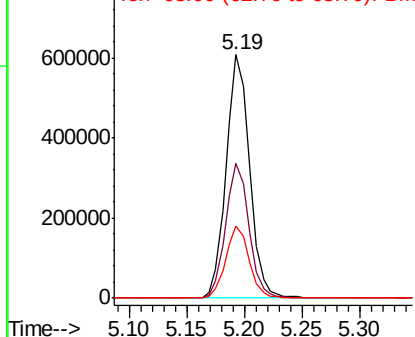


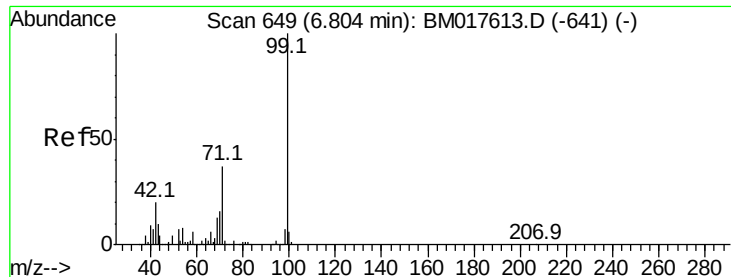
Abundance

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: 72.362 ng

RT: 6.75 min Scan# 640

Delta R.T. -0.05 min

Lab File: BM017957.D

Acq: 06 Dec 2018 05:02

Instrument :

BNA_M

ClientSampleId :

TP-6

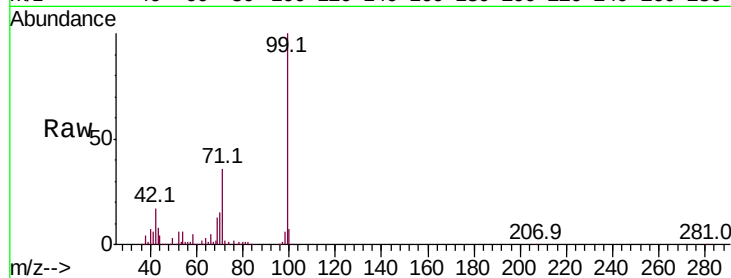
Tot Ion: 99 Resp: 923092

Ion Ratio Lower Upper

99 100

42 16.7 16.3 24.5

71 35.8 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) (-)

6.75

600000

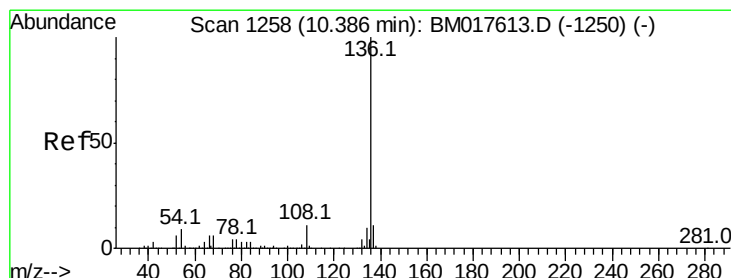
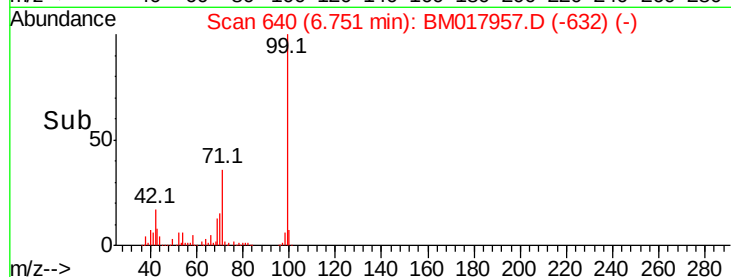
400000

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: BM017957.D

Acq: 06 Dec 2018 05:02

Tgt Ion: 136 Resp: 543185

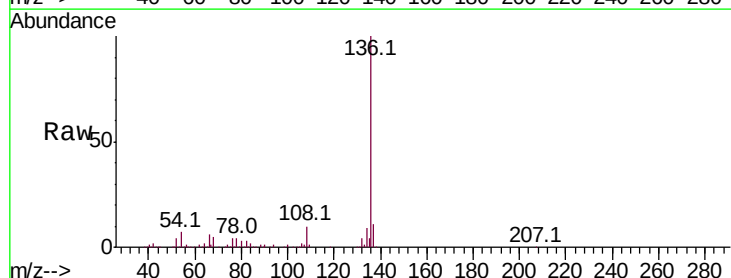
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 6.5 7.0 10.6#

68 5.5 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

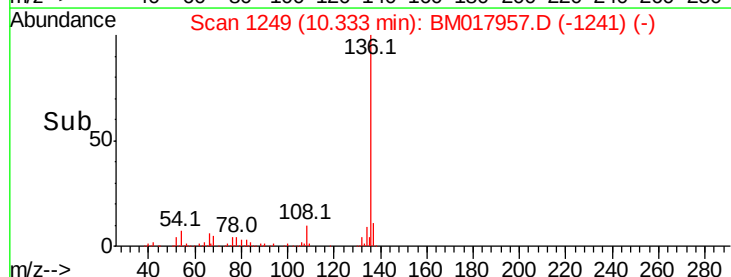
200000

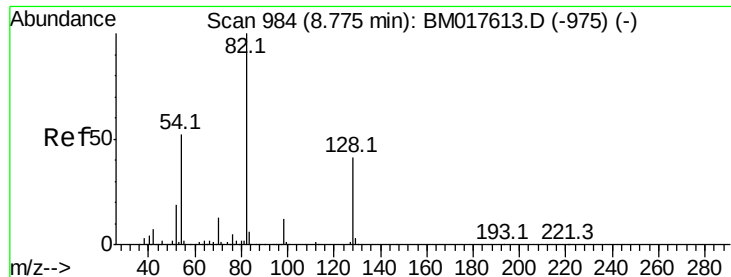
100000

0

10.30 10.40

Time-->





#23

Nitrobenzene-d5

Concen: 72.609 ng

RT: 8.72 min Scan# 974

Delta R.T. -0.06 min

Lab File: BM017957.D

Acq: 06 Dec 2018 05:02

Instrument :

BNA_M

ClientSampleId :

TP-6

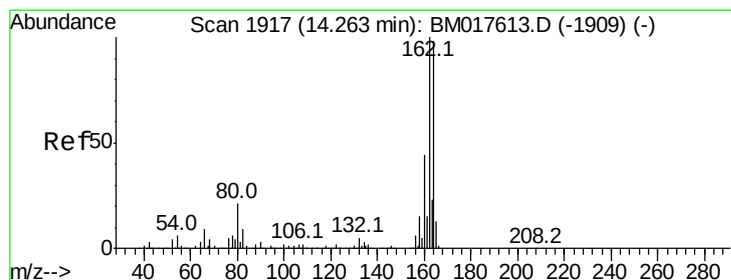
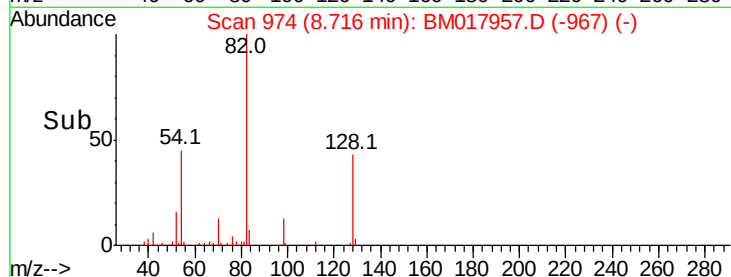
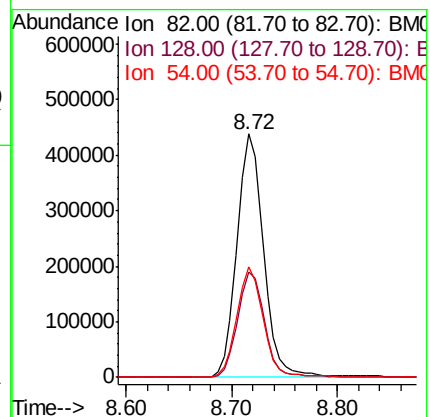
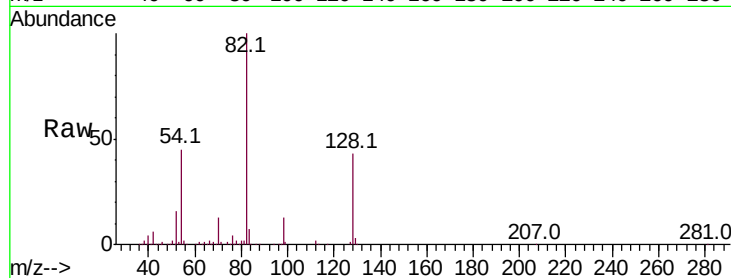
Tot Ion: 82 Resp: 763971

Ion Ratio Lower Upper

82 100

128 43.3 33.0 49.4

54 45.2 41.4 62.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.21 min Scan# 1908

Delta R.T. -0.05 min

Lab File: BM017957.D

Acq: 06 Dec 2018 05:02

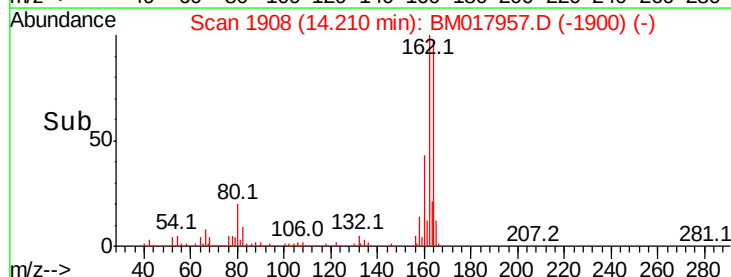
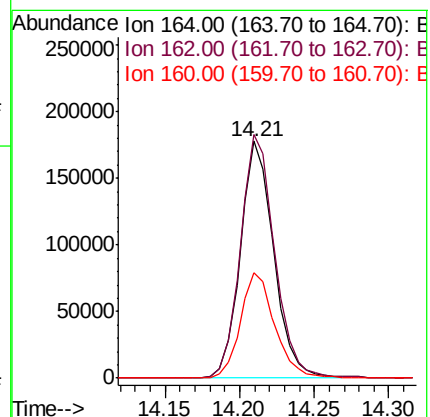
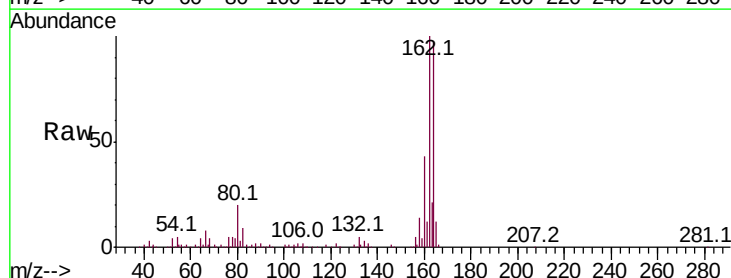
Tgt Ion: 164 Resp: 276031

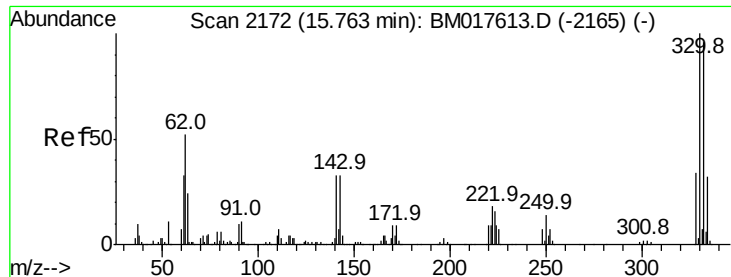
Ion Ratio Lower Upper

164 100

162 102.7 81.4 122.0

160 44.6 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 102.486 ng

RT: 15.72 min Scan# 2164

Delta R.T. -0.05 min

Lab File: BM017957.D

Acq: 06 Dec 2018 05:02

Instrument :

BNA_M

ClientSampleId :

TP-6

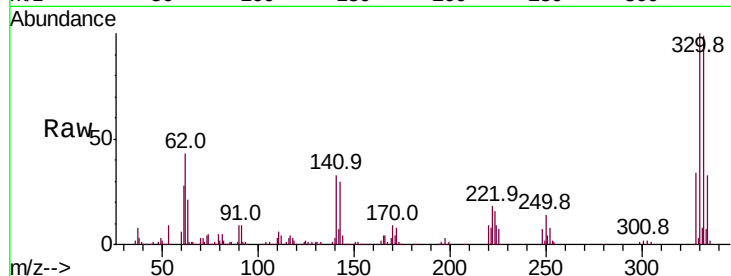
Tot Ion:330 Resp: 406477

Ion Ratio Lower Upper

330 100

332 97.5 77.9 116.9

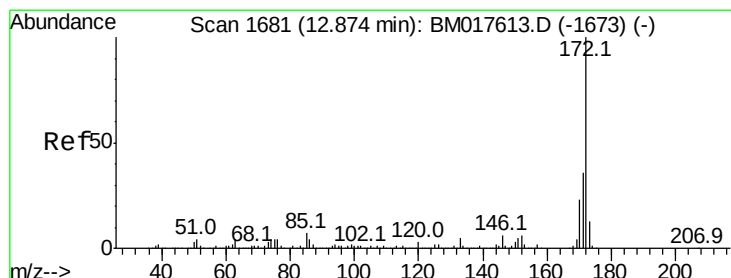
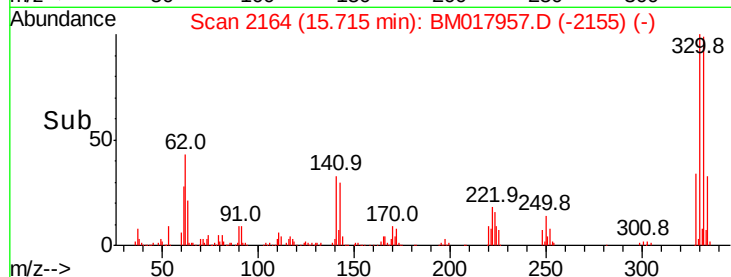
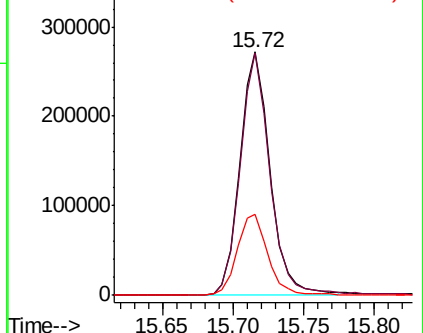
141 33.8 27.5 41.3



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: 78.404 ng

RT: 12.82 min Scan# 1672

Delta R.T. -0.05 min

Lab File: BM017957.D

Acq: 06 Dec 2018 05:02

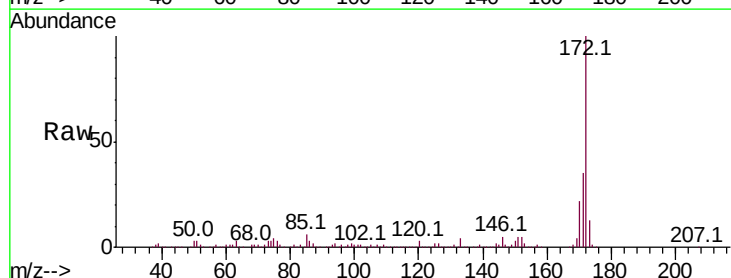
Tgt Ion:172 Resp: 1668185

Ion Ratio Lower Upper

172 100

171 34.6 28.7 43.1

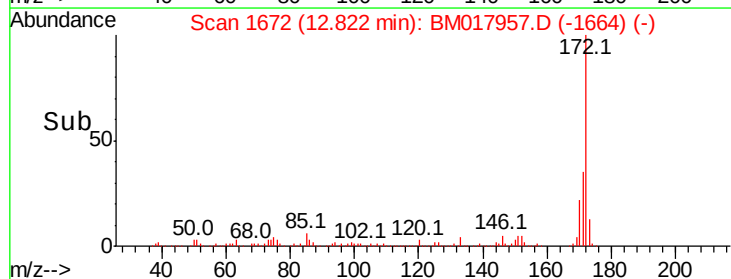
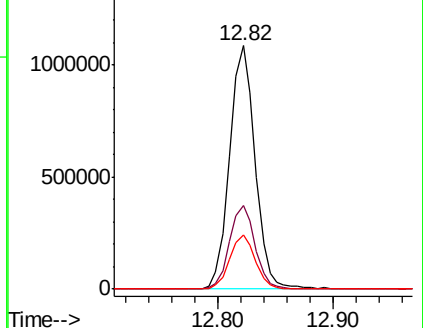
170 22.4 18.3 27.5

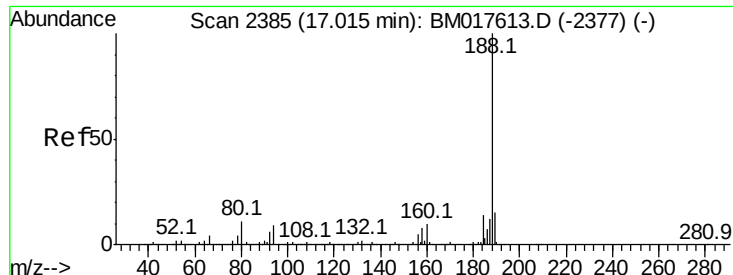


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

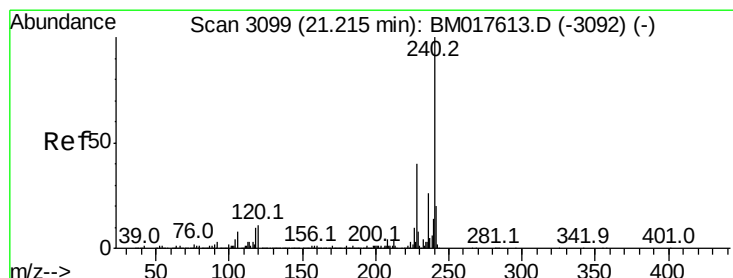
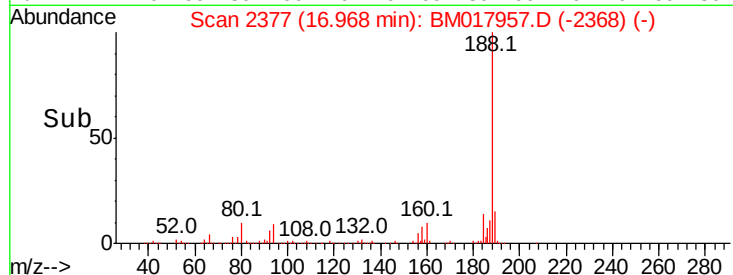
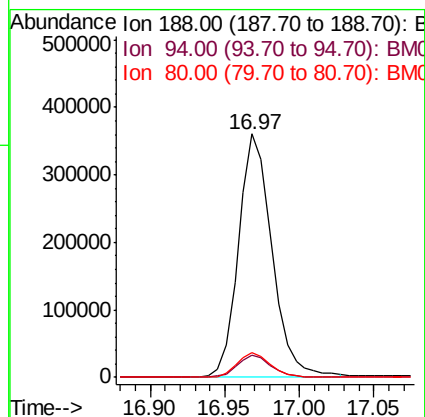
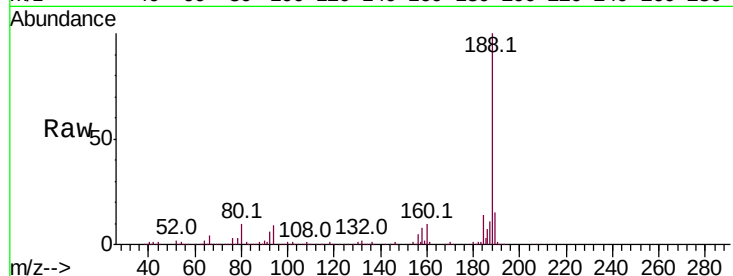




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2377
Delta R.T. -0.05 min
Lab File: BM017957.D
Acq: 06 Dec 2018 05:02

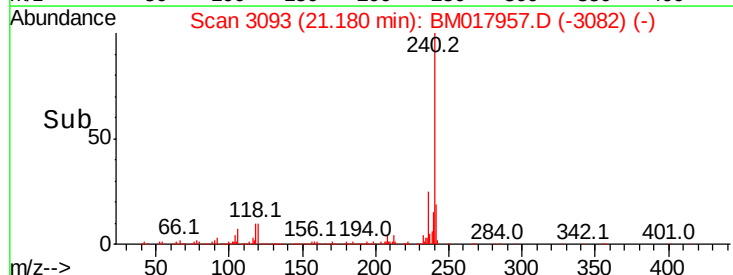
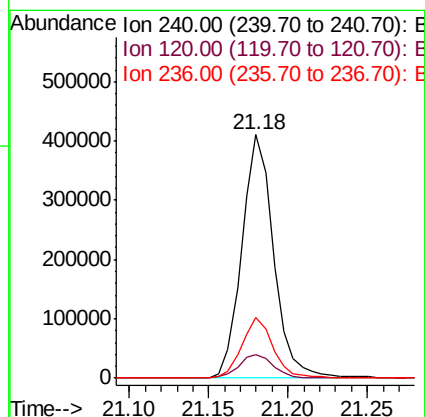
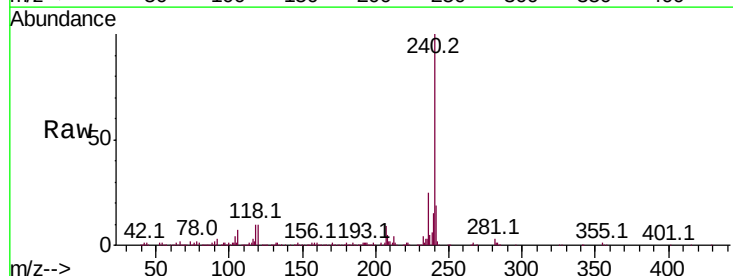
Instrument :
BNA_M
ClientSampleId :
TP-6

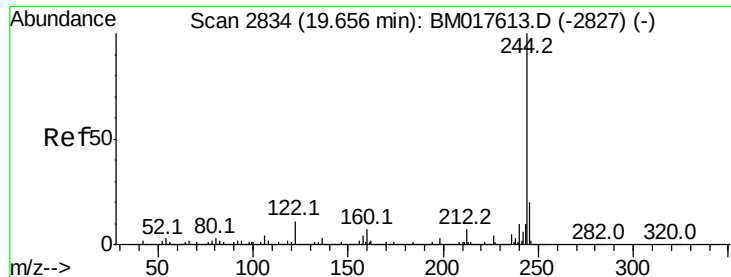
Tot Ion:188 Resp: 562973
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.04 min
Lab File: BM017957.D
Acq: 06 Dec 2018 05:02

Tgt Ion:240 Resp: 570882
Ion Ratio Lower Upper
240 100
120 9.6 8.5 12.7
236 24.7 20.4 30.6





#79

Terphenyl-d14

Concen: 80.623 ng

RT: 19.62 min Scan# 2827

Delta R.T. -0.04 min

Lab File: BM017957.D

Acq: 06 Dec 2018 05:02

Instrument :

BNA_M

ClientSampleId :

TP-6

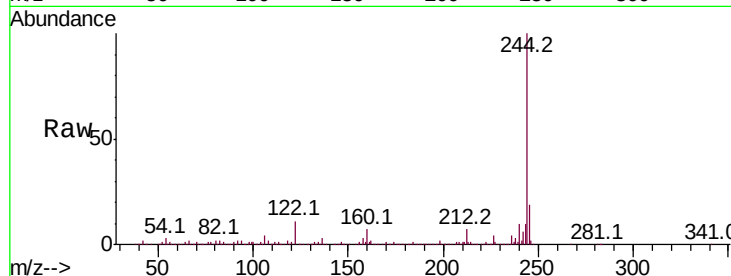
Tot Ion:244 Resp: 2030787

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	10.9	9.0	13.6

244 100

212 6.7 5.8 8.6

122 10.9 9.0 13.6

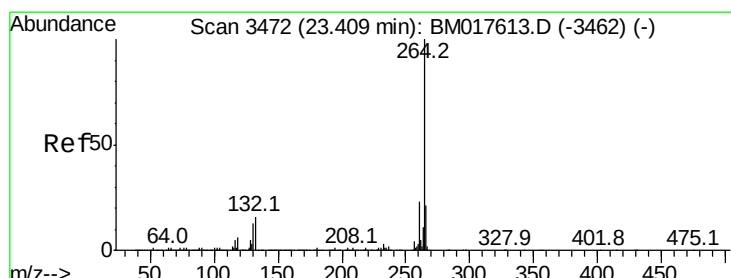
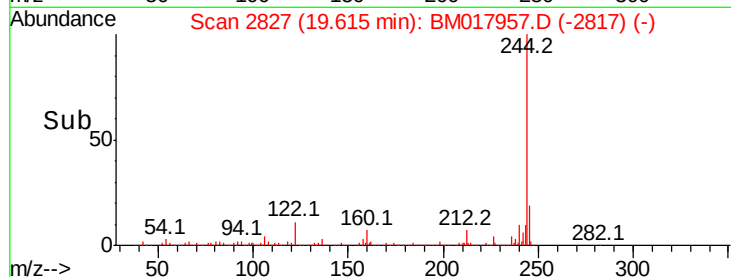
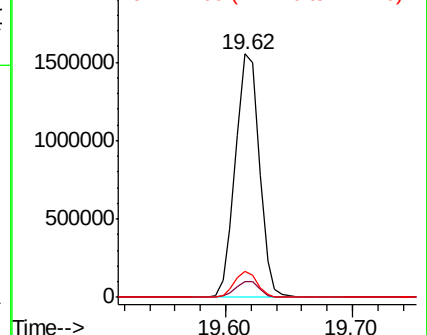


Abundance

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: 23.36 min Scan# 3464

Delta R.T. -0.05 min

Lab File: BM017957.D

Acq: 06 Dec 2018 05:02

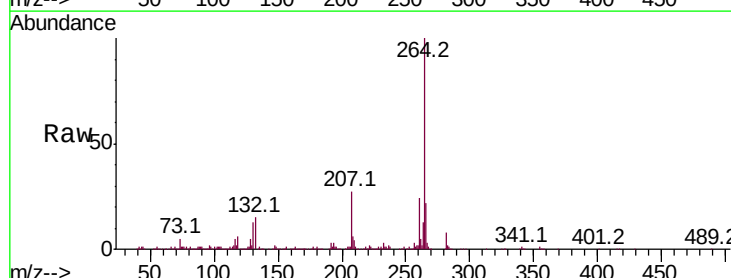
Tgt Ion:264 Resp: 597225

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	21.9	17.5	26.3

264 100

260 23.9 18.2 27.2

265 21.9 17.5 26.3



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

