

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120618\
 Data File : BM017959.D
 Acq On : 06 Dec 2018 06:14
 Operator : JU/SJ
 Sample : PB115363BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115363BL

Quant Time: Dec 06 07:25:30 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	133234	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	464236	20.00	ng	-0.05
39) Acenaphthene-d10	14.21	164	251689	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	507902	20.00	ng	-0.05
76) Chrysene-d12	21.18	240	560891	20.00	ng	-0.04
87) Perylene-d12	23.36	264	603702	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	936817	118.66	ng	-0.05
7) Phenol-d6	6.76	99	1160587	105.26	ng	-0.05
23) Nitrobenzene-d5	8.72	82	698249	77.65	ng	-0.06
42) 2,4,6-Tribromophenol	15.72	330	398418	110.17	ng	-0.05
45) 2-Fluorobiphenyl	12.82	172	1599261	82.43	ng	-0.05
79) Terphenyl-d14	19.62	244	2198768	88.85	ng	-0.04

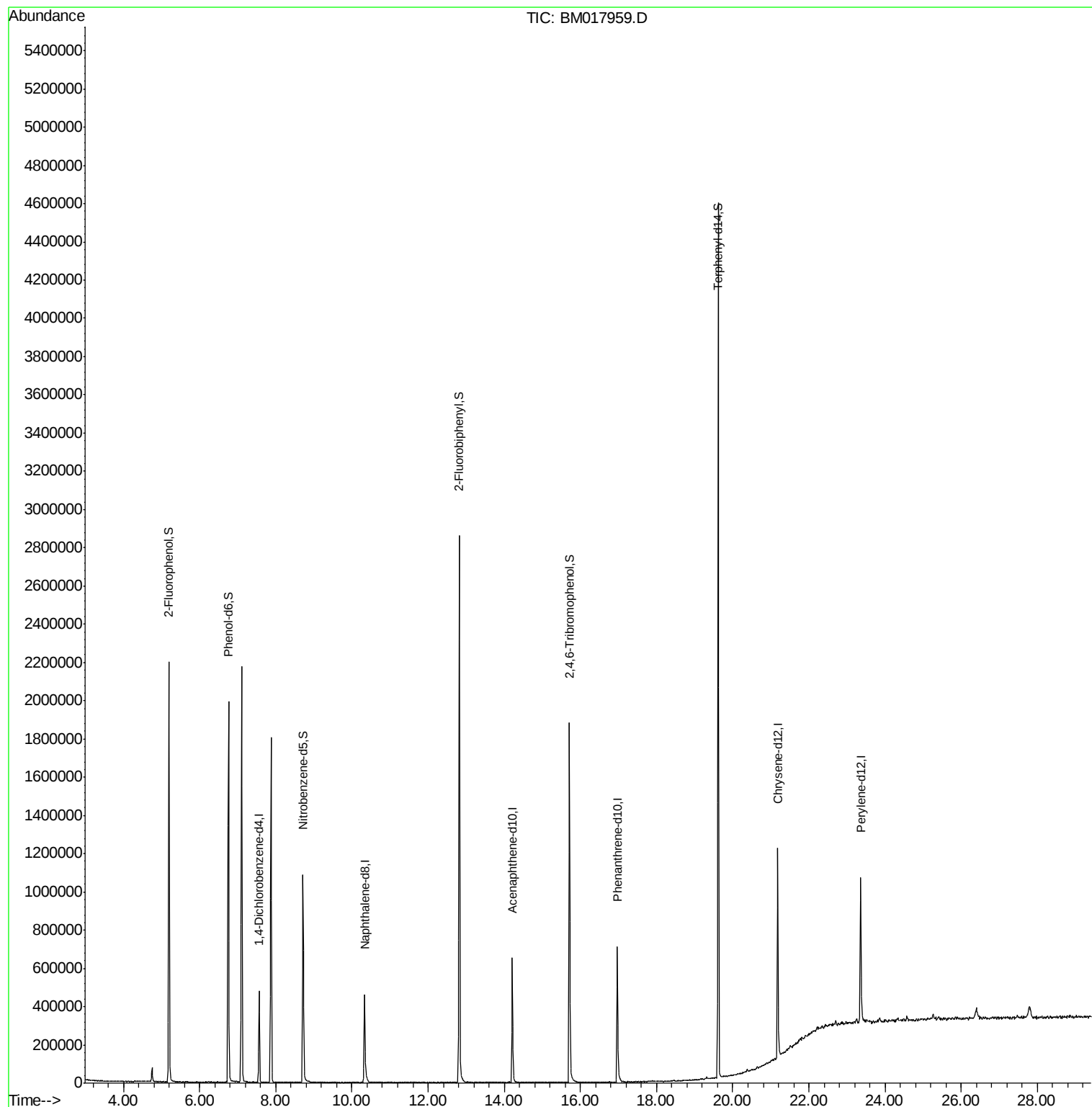
Target Compounds	Qvalue
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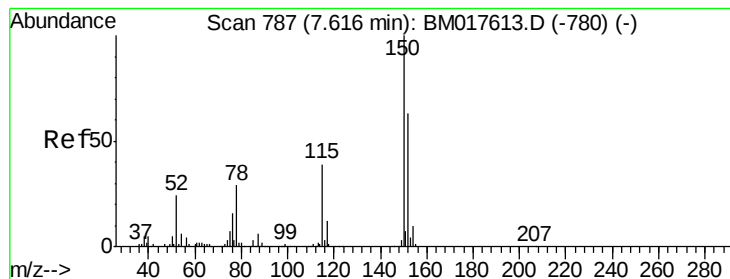
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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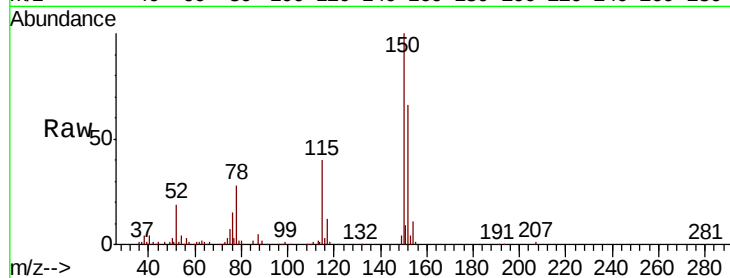


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.56 min Scan# 778
 Delta R.T. -0.05 min
 Lab File: BM017959.D
 Acq: 06 Dec 2018 06:14

Instrument :
 BNA_M
 ClientSampleId :
 PB115363BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.4	189.6
115	60.6	49.4	74.0

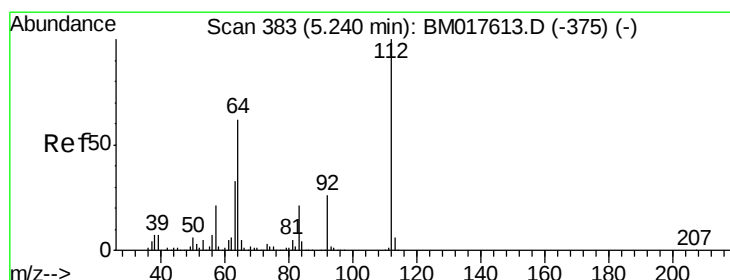
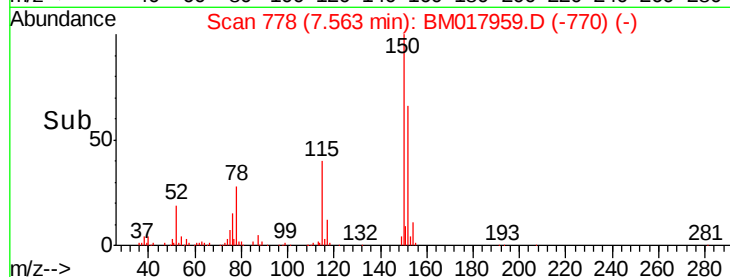
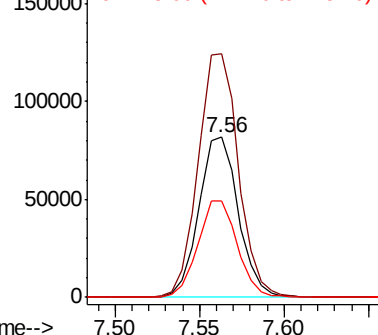


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

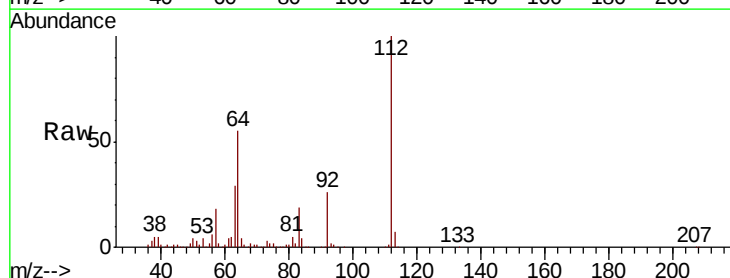
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 118.665 ng
 RT: 5.19 min Scan# 375
 Delta R.T. -0.05 min
 Lab File: BM017959.D
 Acq: 06 Dec 2018 06:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	49.3	73.9
63	29.5	26.2	39.4

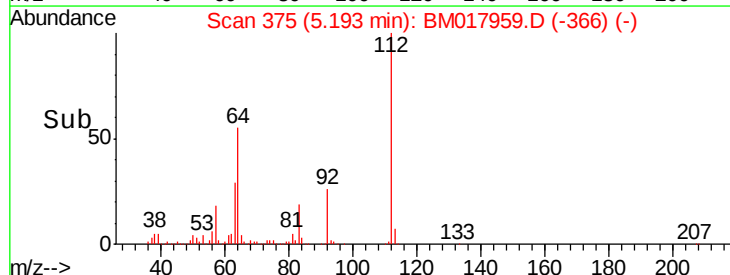
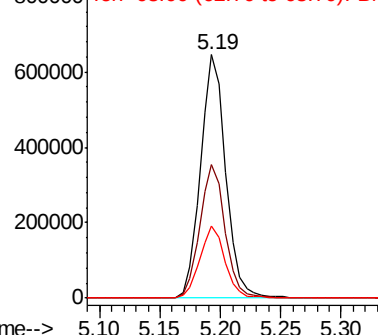


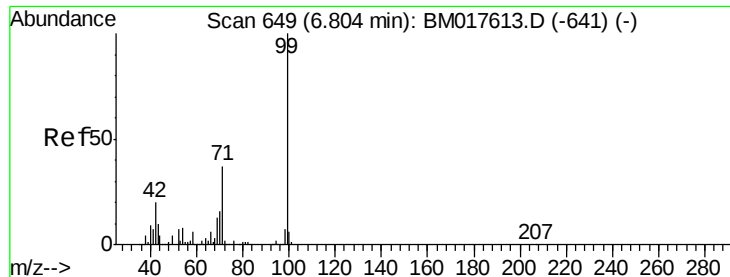
Abundance

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: 105.259 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.05 min

Lab File: BM017959.D

Acq: 06 Dec 2018 06:14

Instrument :

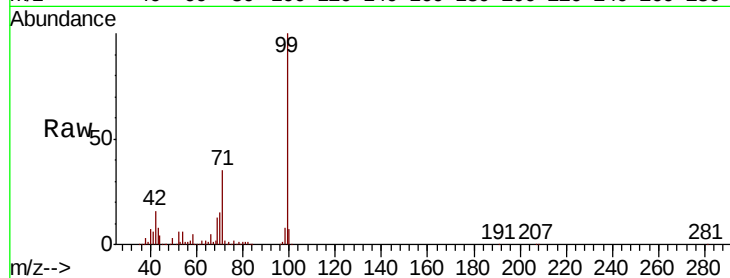
BNA_M

ClientSampleId :

PB115363BL

Tgt Ion: 99 Resp: 1160587

Ion	Ratio	Lower	Upper
99	100		
42	16.4	16.3	24.5
71	35.4	29.8	44.8

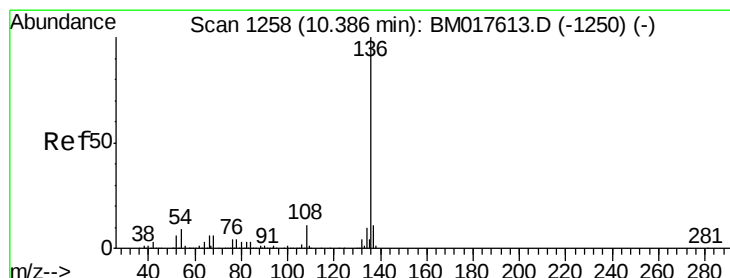
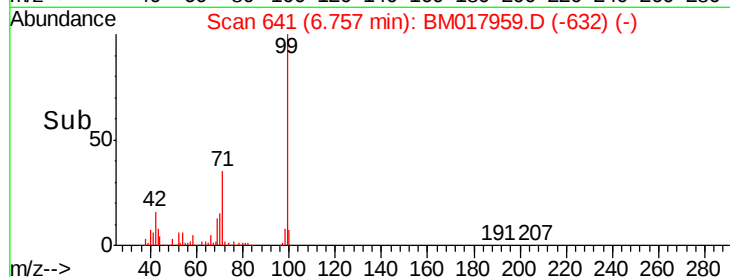
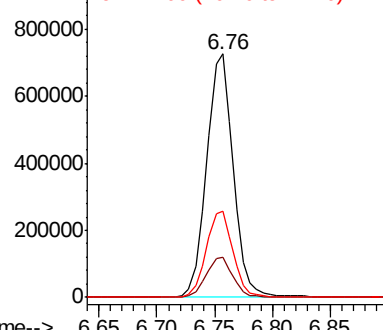


Abundance

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: 10.33 min Scan# 1249

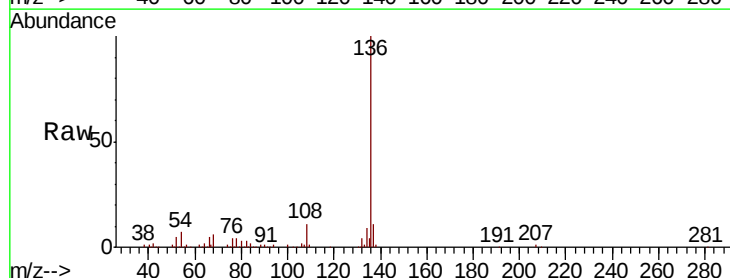
Delta R.T. -0.05 min

Lab File: BM017959.D

Acq: 06 Dec 2018 06:14

Tgt Ion: 136 Resp: 464236

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.7	7.0	10.6
68	5.6	4.9	7.3



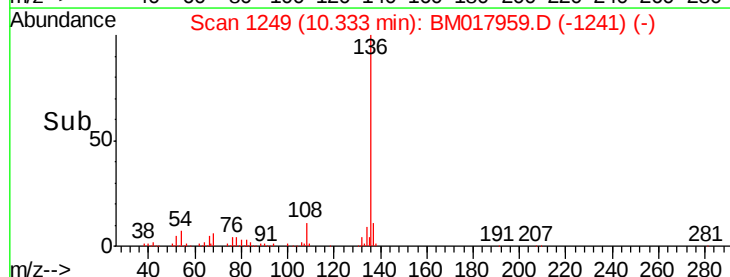
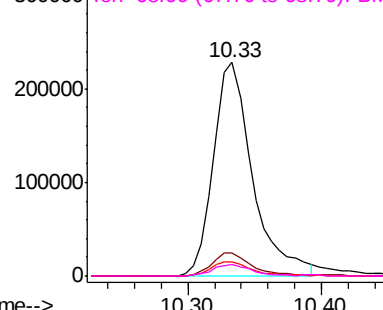
Abundance

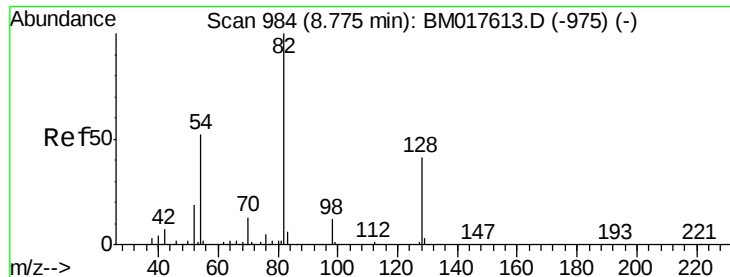
Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

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) (-)

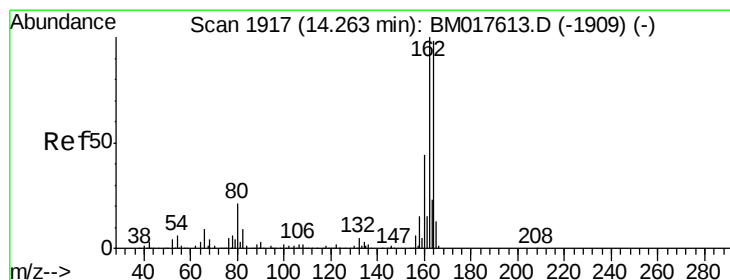
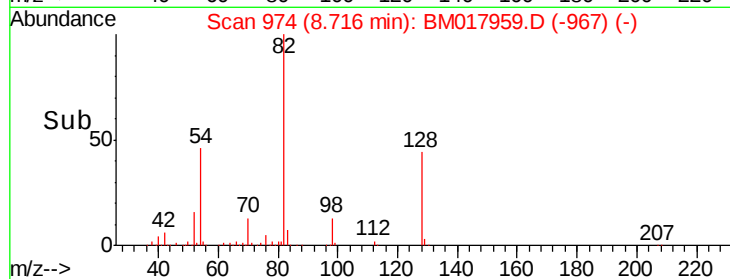
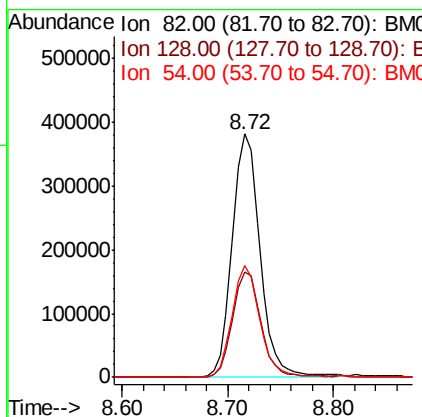
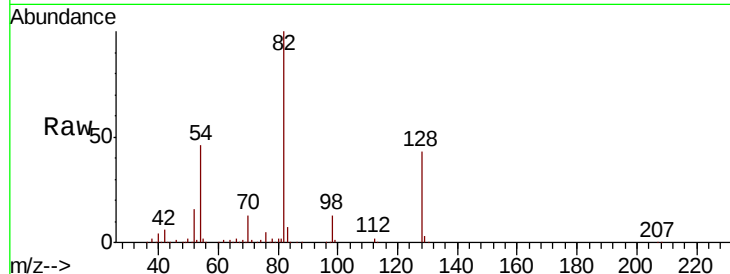




#23
Nitrobenzene-d5
Concen: 77.649 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.06 min
Lab File: BM017959.D
Acq: 06 Dec 2018 06:14

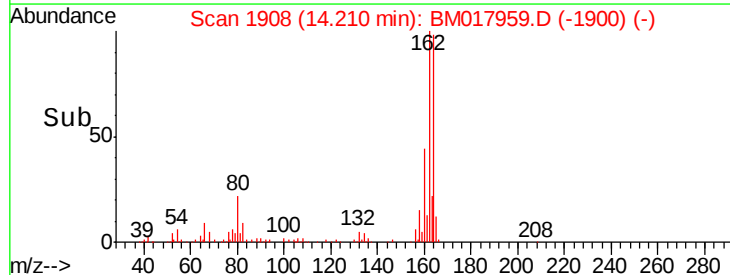
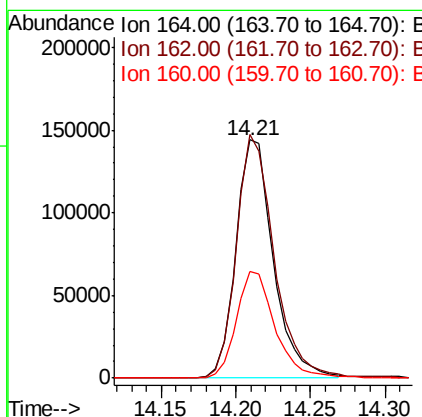
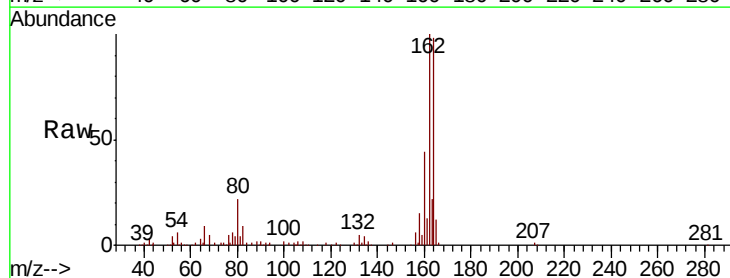
Instrument :
BNA_M
ClientSampleId :
PB115363BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.0	49.4
54	45.7	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: BM017959.D
Acq: 06 Dec 2018 06:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.0
160	44.8	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 110.169 ng

RT: 15.72 min Scan# 2164

Delta R.T. -0.05 min

Lab File: BM017959.D

Acq: 06 Dec 2018 06:14

Instrument :

BNA_M

ClientSampleId :

PB115363BL

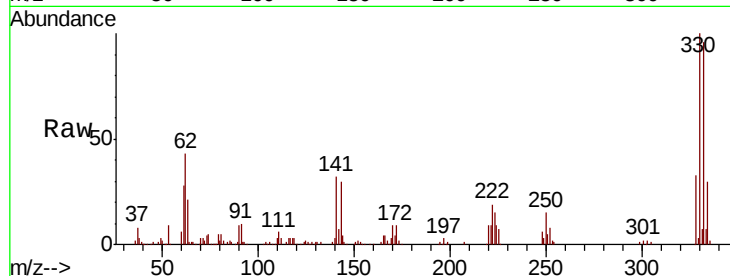
Tgt Ion:330 Resp: 398418

Ion Ratio Lower Upper

330 100

332 98.0 77.9 116.9

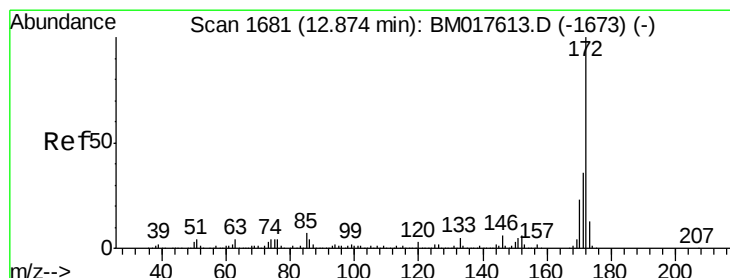
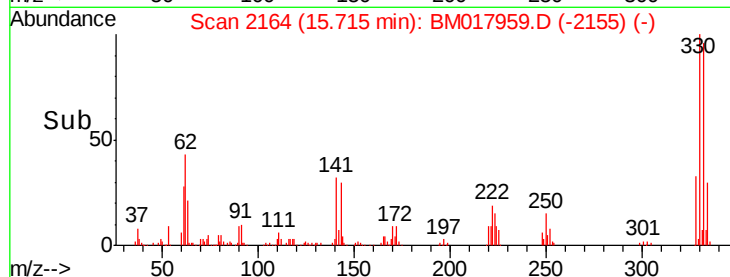
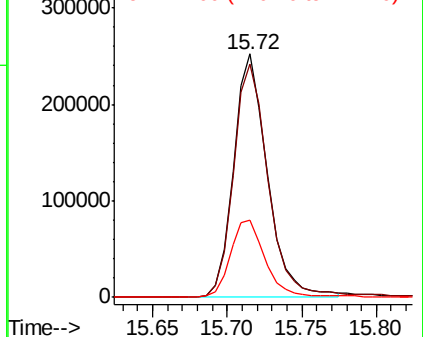
141 32.8 27.5 41.3



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: 82.434 ng

RT: 12.82 min Scan# 1672

Delta R.T. -0.05 min

Lab File: BM017959.D

Acq: 06 Dec 2018 06:14

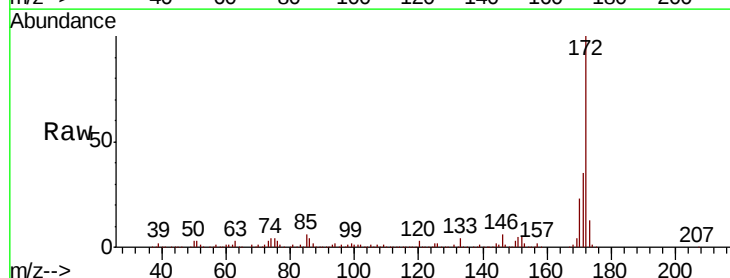
Tgt Ion:172 Resp: 1599261

Ion Ratio Lower Upper

172 100

171 35.1 28.7 43.1

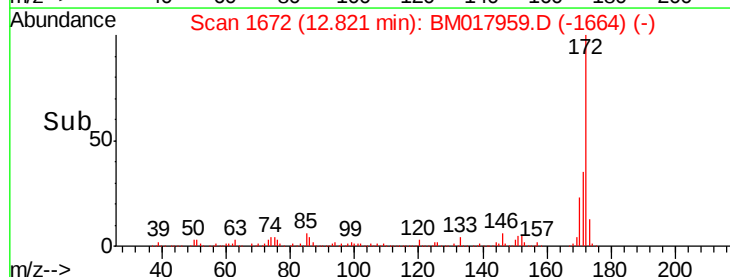
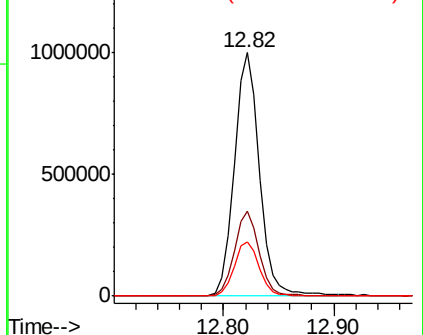
170 22.5 18.3 27.5



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: BM017959.D

Acq: 06 Dec 2018 06:14

Instrument :

BNA_M

ClientSampleId :

PB115363BL

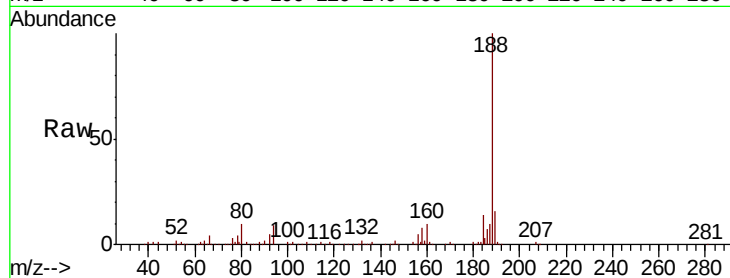
Tgt Ion:188 Resp: 507902

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

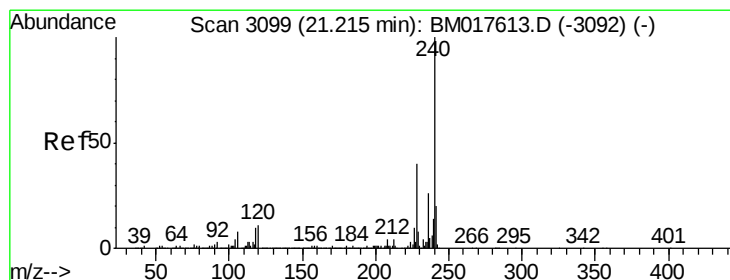
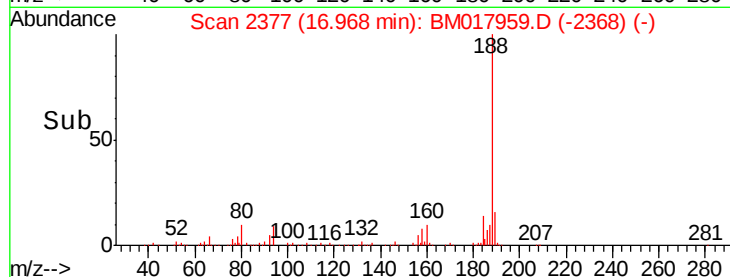
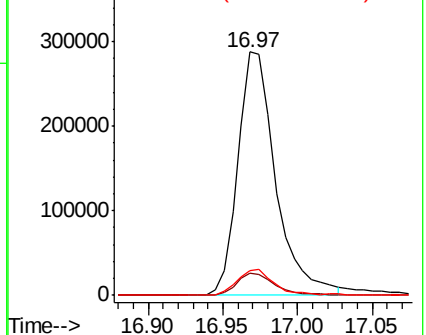
80 10.1 8.6 13.0



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: BM017959.D

Acq: 06 Dec 2018 06:14

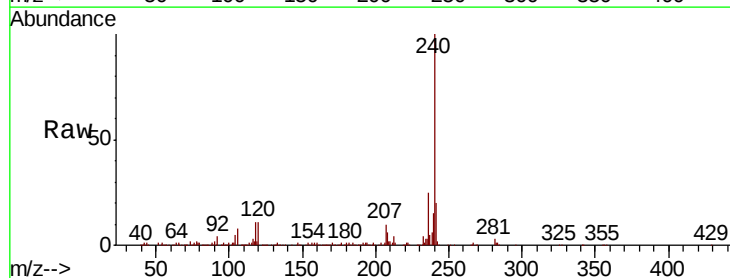
Tgt Ion:240 Resp: 560891

Ion Ratio Lower Upper

240 100

120 10.8 8.5 12.7

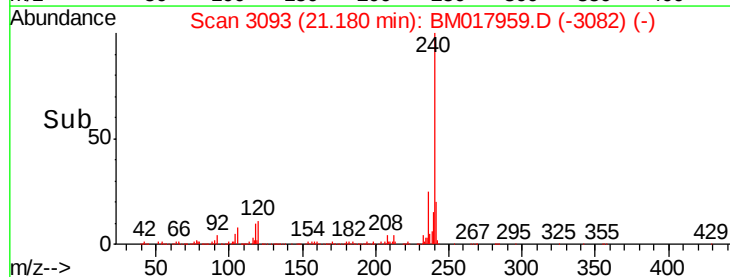
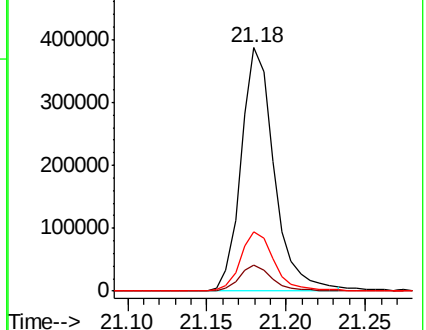
236 24.5 20.4 30.6

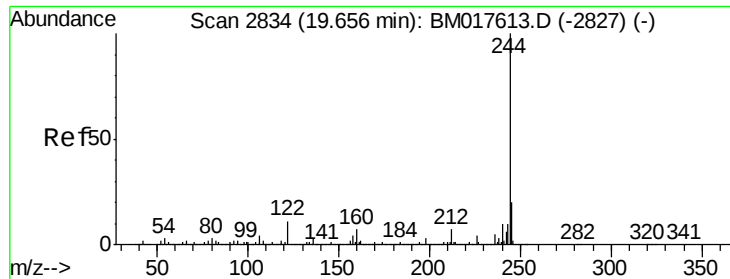


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.847 ng

RT: 19.62 min Scan# 2827

Delta R.T. -0.04 min

Lab File: BM017959.D

Acq: 06 Dec 2018 06:14

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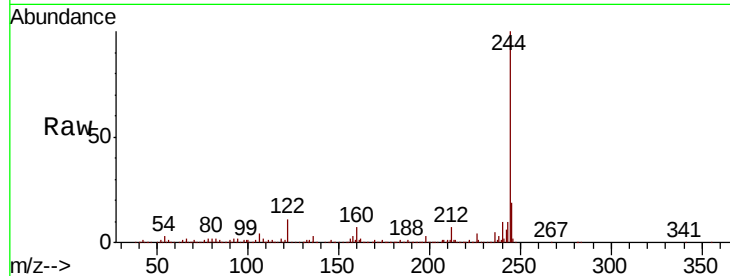
Tgt Ion:244 Resp: 2198768

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

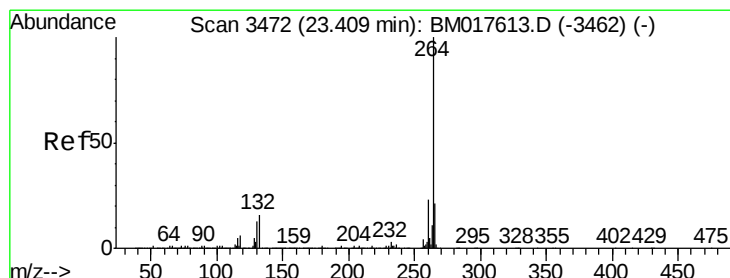
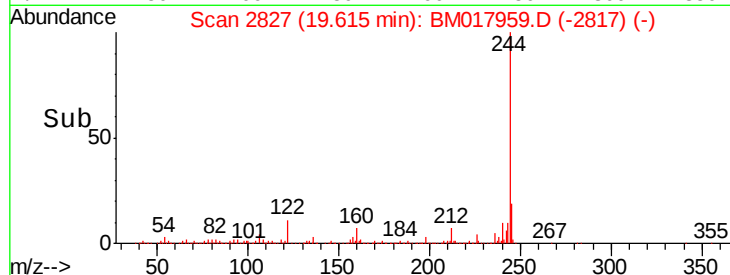
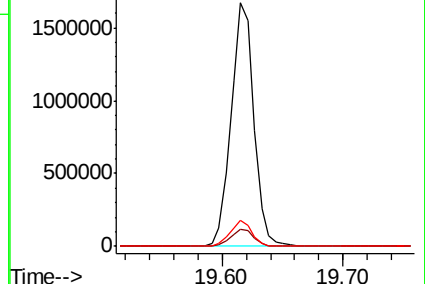
122 10.7 9.0 13.6



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# 3463

Delta R.T. -0.05 min

Lab File: BM017959.D

Acq: 06 Dec 2018 06:14

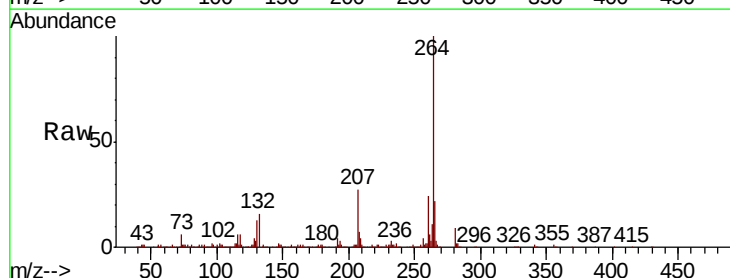
Tgt Ion:264 Resp: 603702

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

265 22.2 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

