

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060119\
 Data File : BM020655.D
 Acq On : 01 Jun 2019 17:56
 Operator : HP/JU
 Sample : K3072-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-7

Quant Time: Jun 03 00:57:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

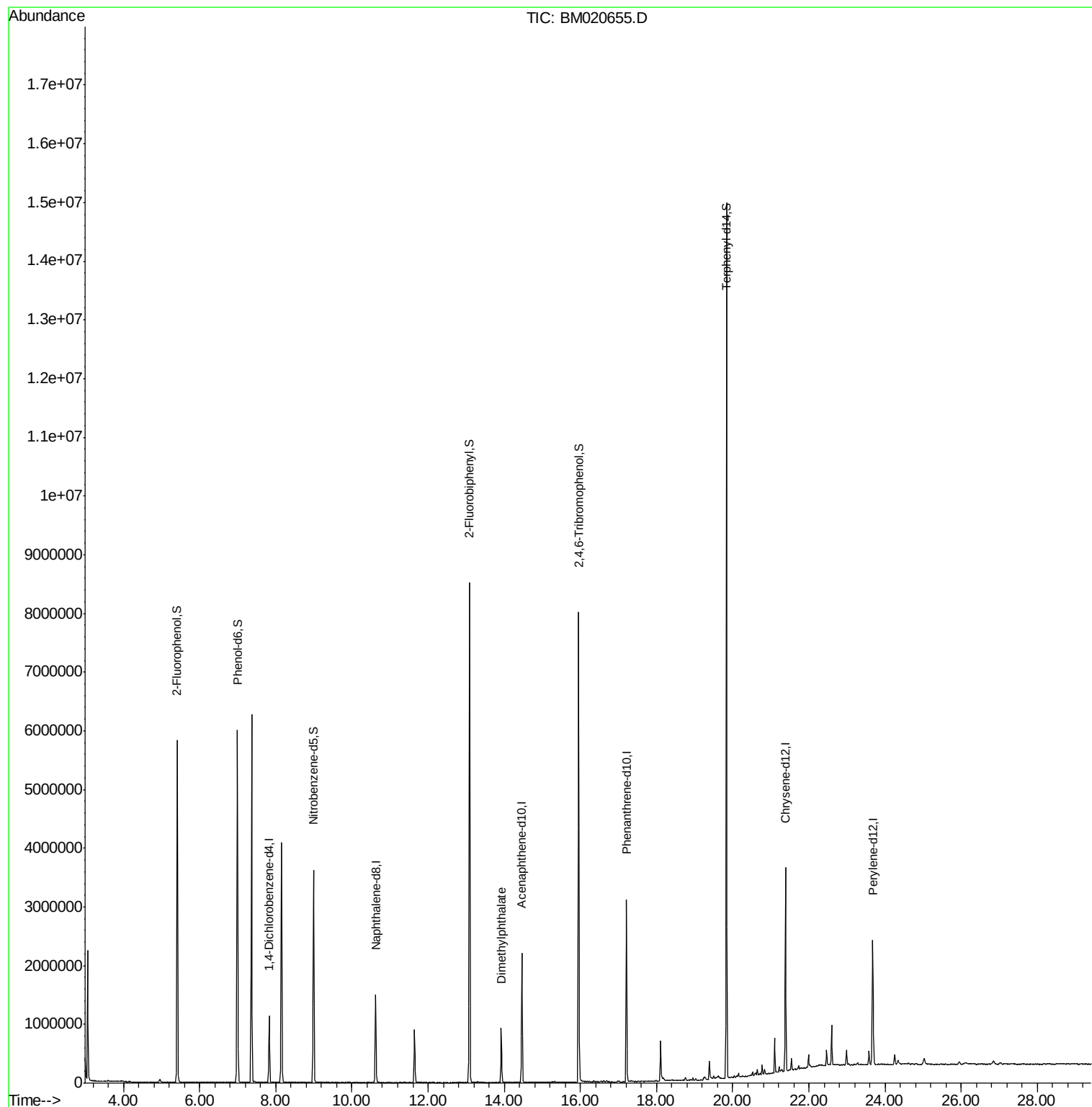
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	287434	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1199882	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	711347	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1659552	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1437532	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1461352	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2373688	145.27	ng	0.00
7) Phenol-d6	6.99	99	3383141	140.61	ng	0.00
23) Nitrobenzene-d5	8.99	82	2049096	88.48	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	1378343	156.39	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	4316574	80.67	ng	0.00
79) Terphenyl-d14	19.84	244	6882406	80.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.99	77	7517	Below Cal	Qvalue	# 6
50) Dimethylphthalate	13.92	163	575661	9.472 ng		99

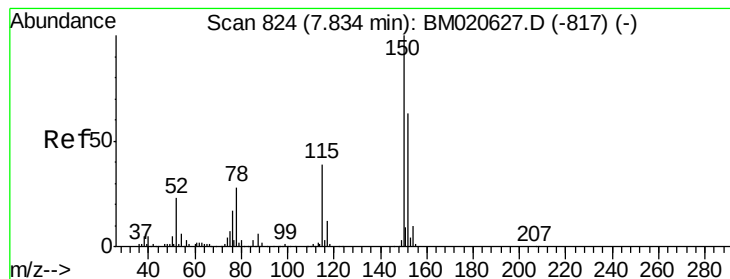
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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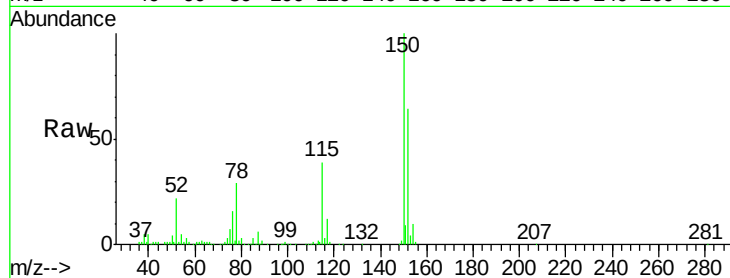


#1

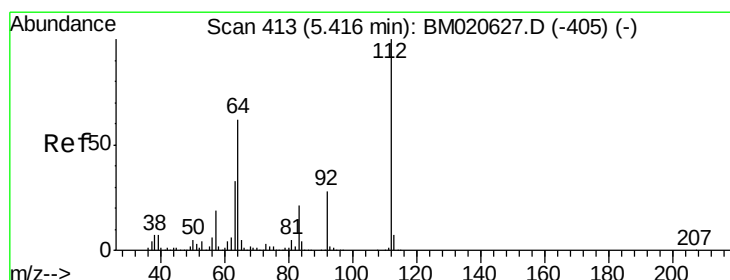
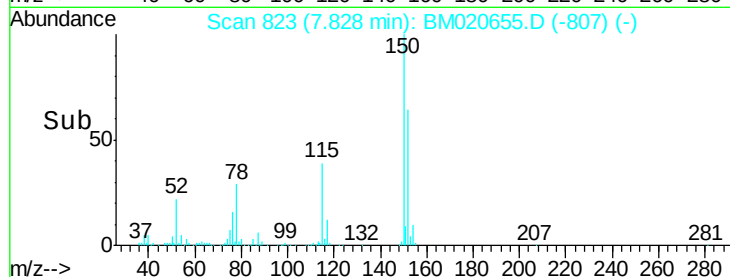
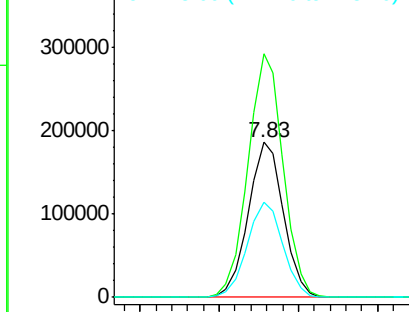
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020655.D
Acq: 01 Jun 2019 17:56

Instrument :
BNA_M
ClientSampleId :
TP-7

Tgt Ion:152 Resp: 287434
Ion Ratio Lower Upper
152 100
150 156.9 126.0 189.0
115 61.1 49.6 74.4



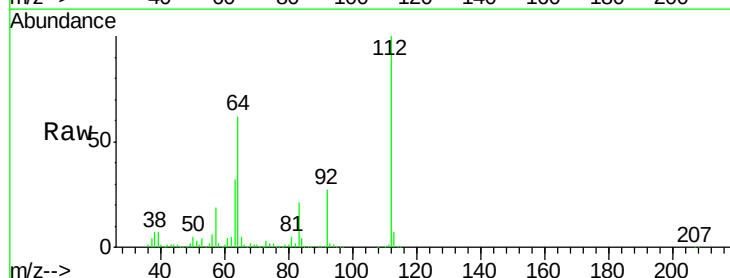
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



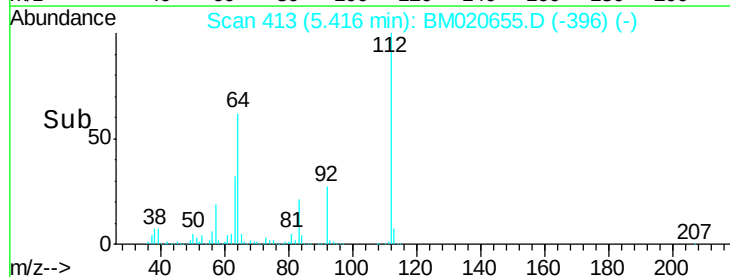
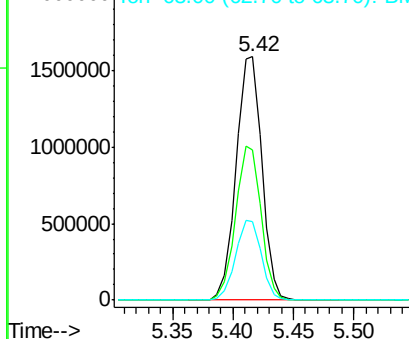
#5

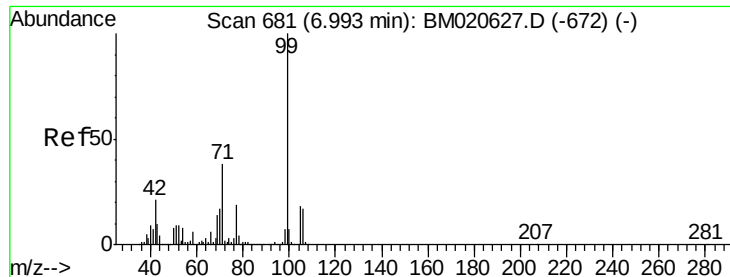
2-Fluorophenol
Concen: 145.267 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.00 min
Lab File: BM020655.D
Acq: 01 Jun 2019 17:56

Tgt Ion:112 Resp: 2373688
Ion Ratio Lower Upper
112 100
64 61.8 49.7 74.5
63 32.2 26.4 39.6



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: 140.611 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020655.D

Acq: 01 Jun 2019 17:56

Instrument :

BNA_M

ClientSampled :

TP-7

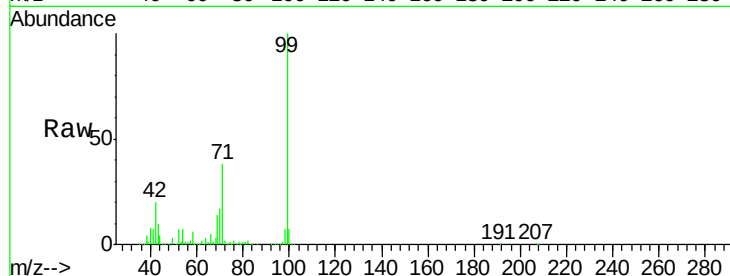
Tgt Ion: 99 Resp: 3383141

Ion Ratio Lower Upper

99 100

42 19.7 16.5 24.7

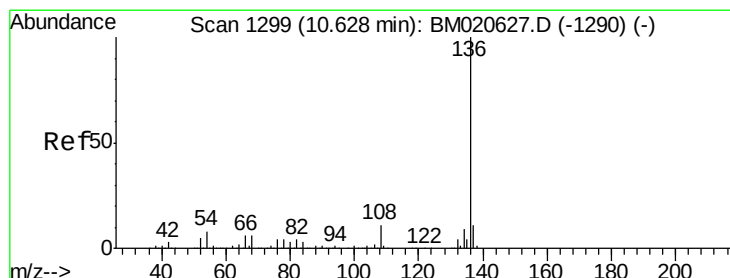
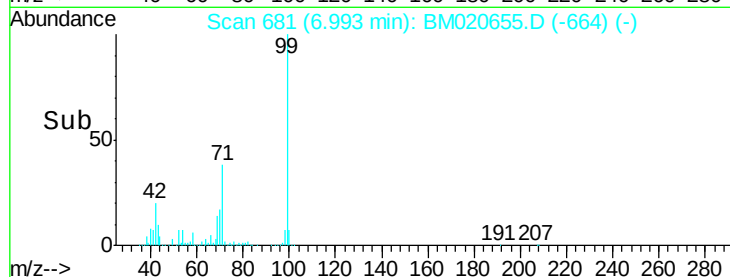
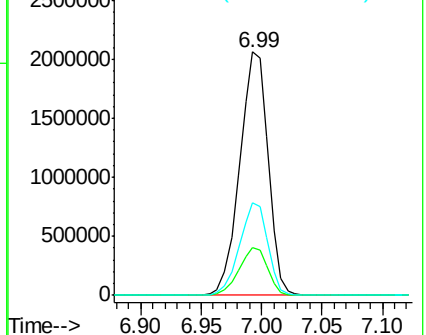
71 37.8 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020627.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM020627.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM020627.D (-672) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM020655.D

Acq: 01 Jun 2019 17:56

Tgt Ion: 136 Resp: 1199882

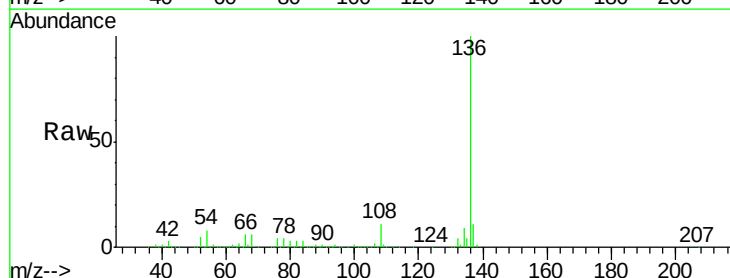
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.8 6.6 10.0

68 6.2 5.1 7.7

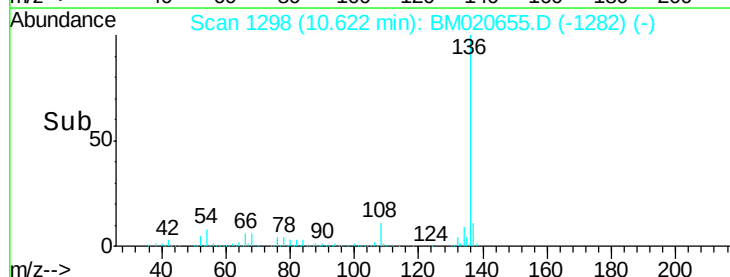
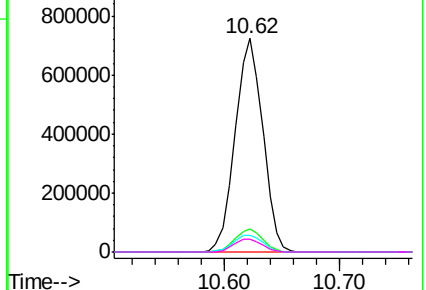


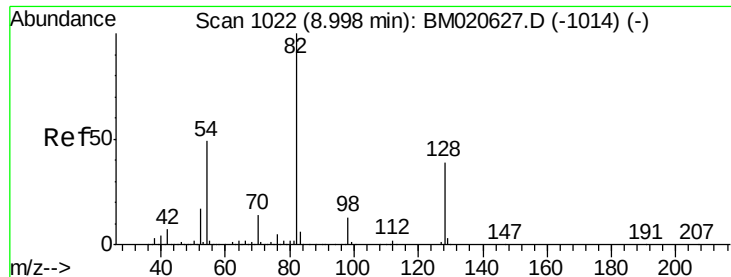
Abundance Ion 136.00 (135.70 to 136.70): BM020627.D (-1290) (-)

Ion 137.00 (136.70 to 137.70): BM020627.D (-1290) (-)

Ion 54.00 (53.70 to 54.70): BM020627.D (-1290) (-)

Ion 68.00 (67.70 to 68.70): BM020627.D (-1290) (-)





#23

Nitrobenzene-d5

Concen: 88.481 ng

RT: 8.99 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BM020655.D

Acq: 01 Jun 2019 17:56

Instrument :

BNA_M

ClientSampleId :

TP-7

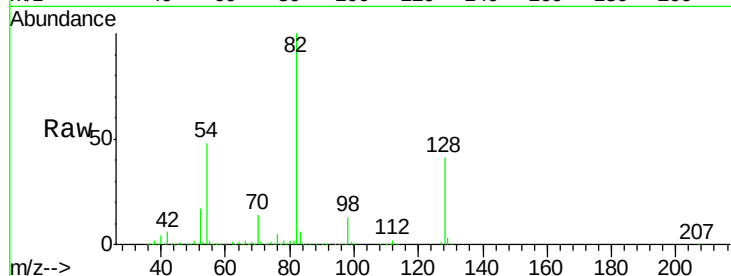
Tgt Ion: 82 Resp: 2049096

Ion Ratio Lower Upper

82 100

128 41.1 31.5 47.3

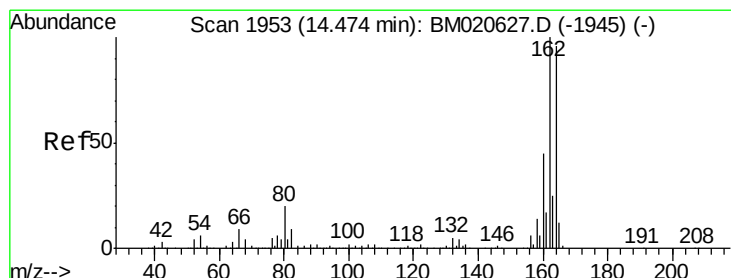
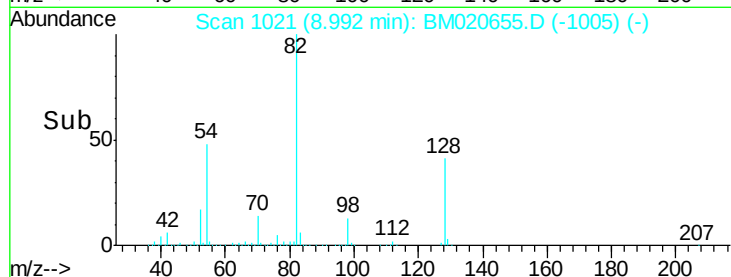
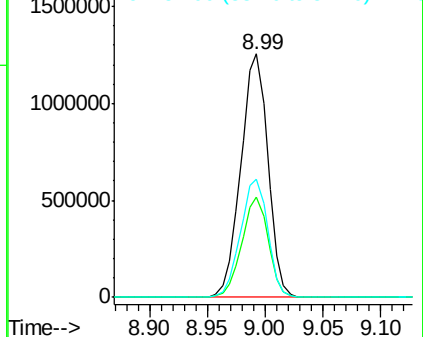
54 48.5 39.4 59.0



Abundance Ion 82.00 (81.70 to 82.70): BM020627.D (-1014) (-)

Ion 128.00 (127.70 to 128.70): BM020627.D (-1014) (-)

Ion 54.00 (53.70 to 54.70): BM020627.D (-1014) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020655.D

Acq: 01 Jun 2019 17:56

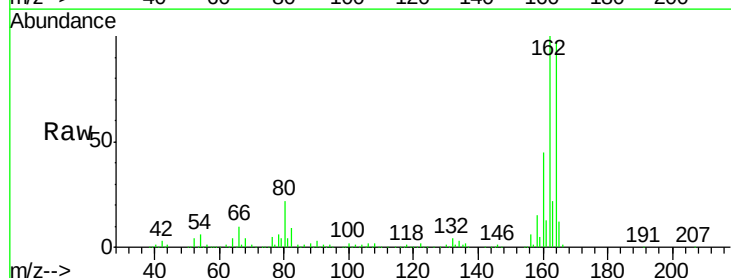
Tgt Ion: 164 Resp: 711347

Ion Ratio Lower Upper

164 100

162 103.1 83.2 124.8

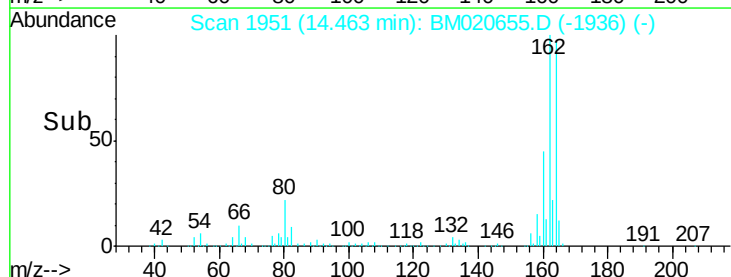
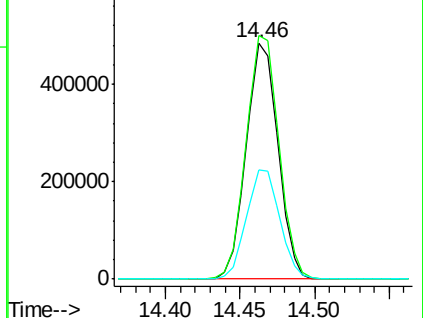
160 46.3 37.5 56.3

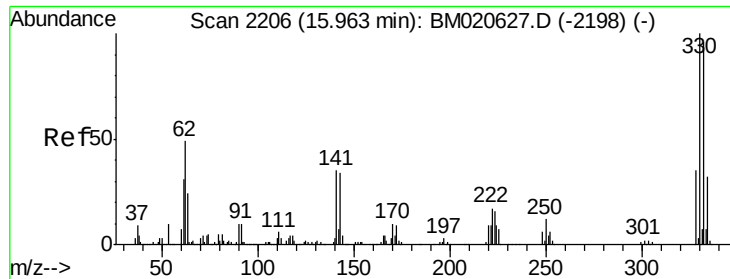


Abundance Ion 164.00 (163.70 to 164.70): BM020627.D (-1945) (-)

Ion 162.00 (161.70 to 162.70): BM020627.D (-1945) (-)

Ion 160.00 (159.70 to 160.70): BM020627.D (-1945) (-)

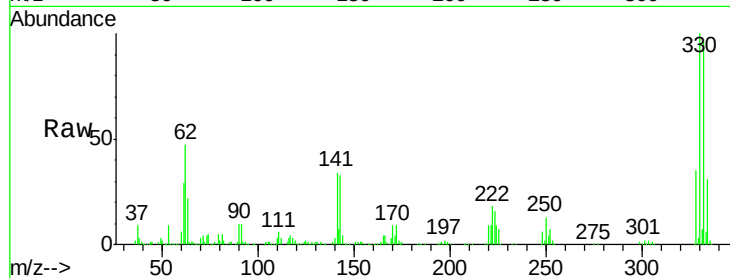




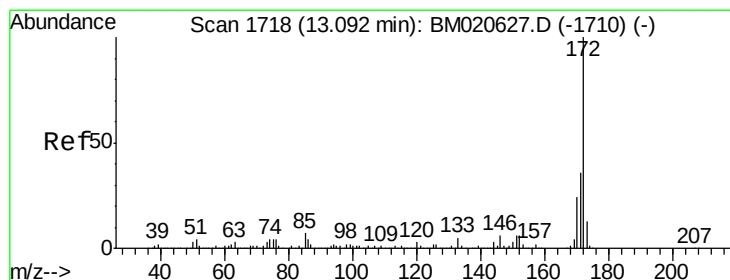
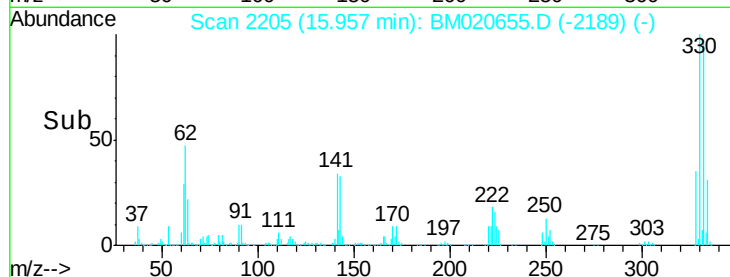
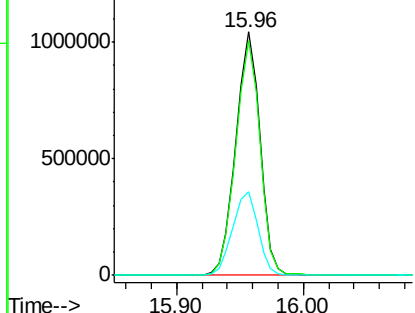
#42
 2,4,6-Tribromophenol
 Concen: 156.389 ng
 RT: 15.96 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM020655.D
 Acq: 01 Jun 2019 17:56

Instrument :
 BNA_M
 ClientSampled :
 TP-7

Tgt Ion:330 Resp: 1378343
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.0
 141 36.3 30.4 45.6

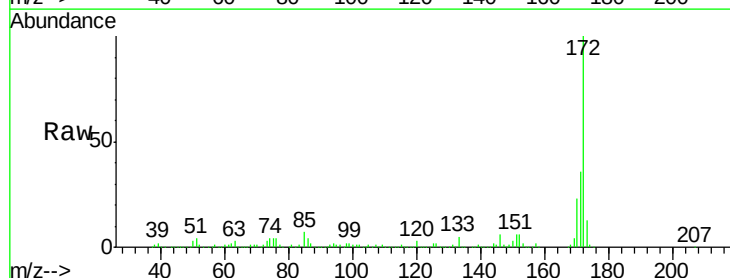


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

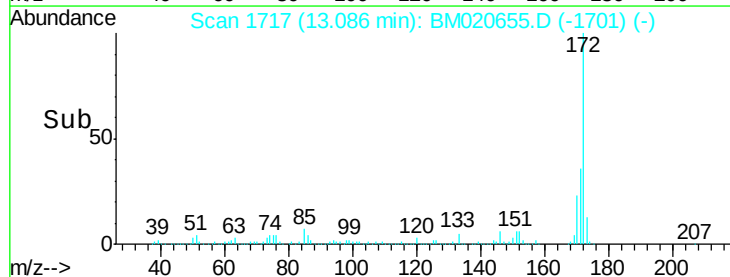
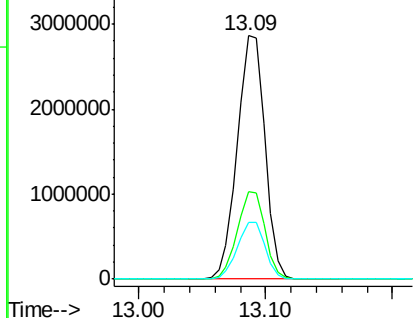


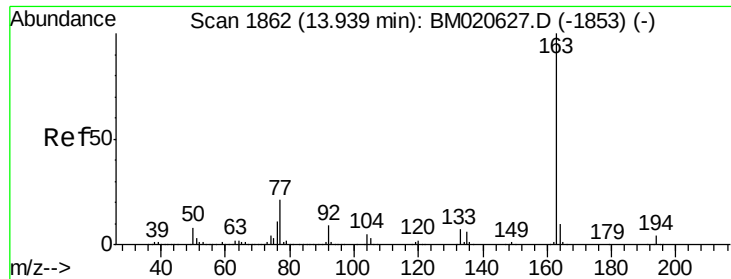
#45
 2-Fluorobiphenyl
 Concen: 80.673 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM020655.D
 Acq: 01 Jun 2019 17:56

Tgt Ion:172 Resp: 4316574
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.4 18.9 28.3



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





#50

Dimethylphthalate

Concen: 9.472 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020655.D

Acq: 01 Jun 2019 17:56

Instrument :

BNA_M

ClientSampleId :

TP-7

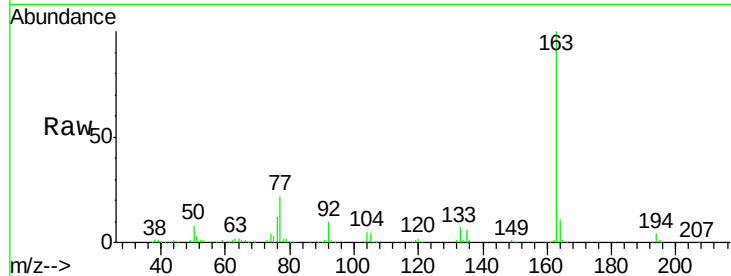
Tgt Ion:163 Resp: 575661

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

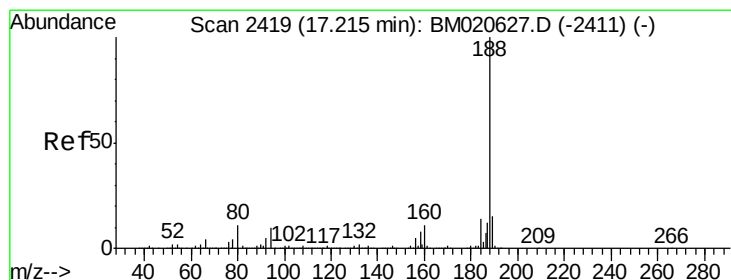
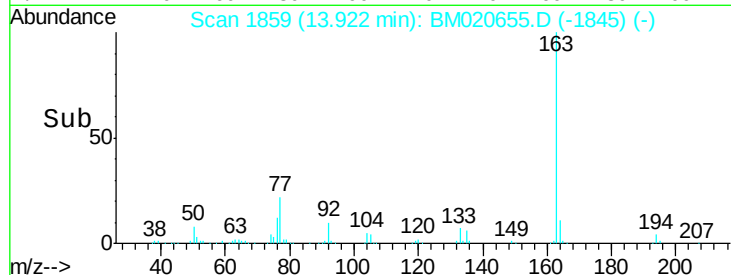
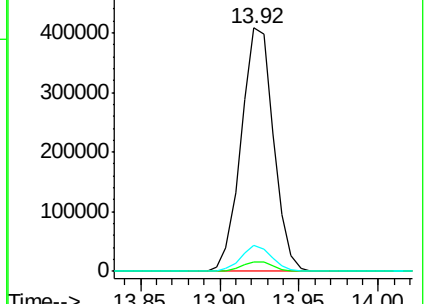
164 10.5 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM020655.D

Acq: 01 Jun 2019 17:56

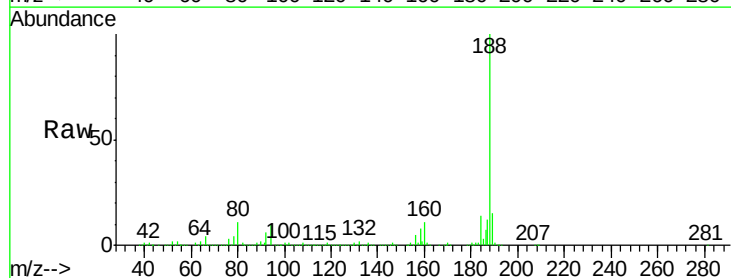
Tgt Ion:188 Resp: 1659552

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.8

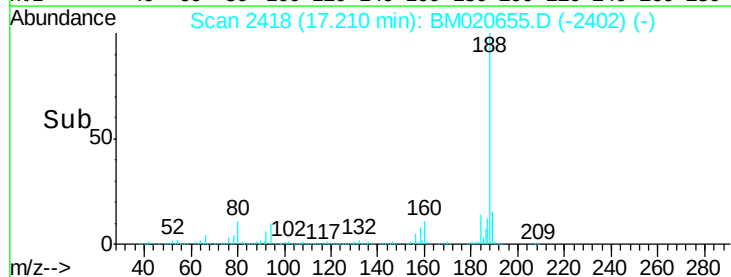
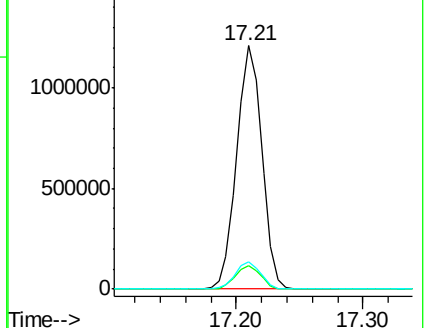
80 11.3 9.0 13.6

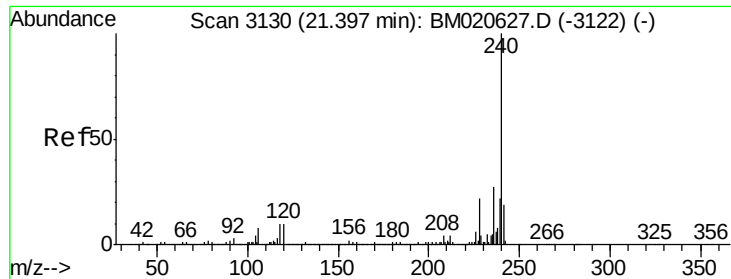


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

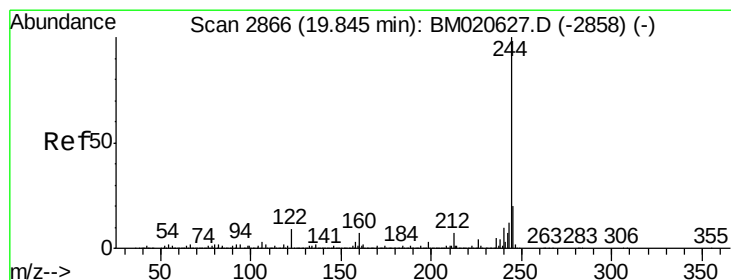
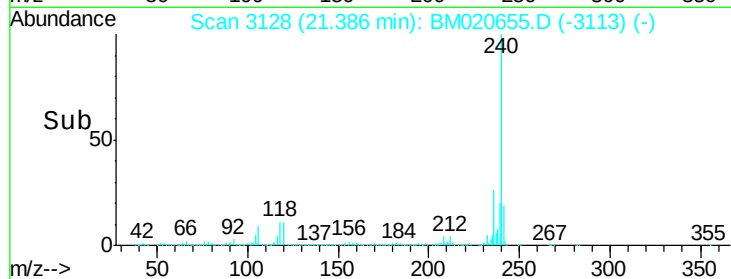
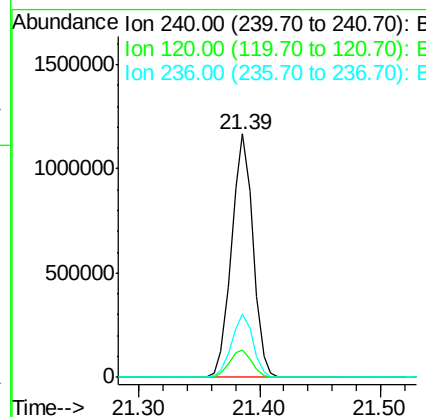
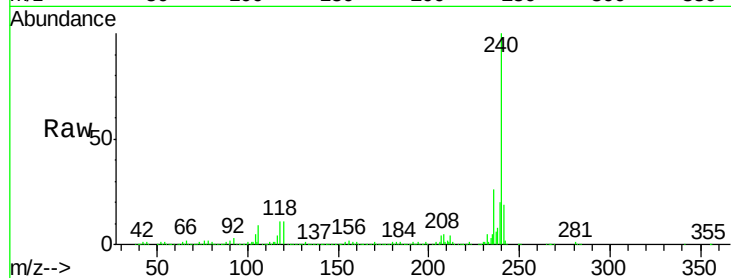




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM020655.D
Acq: 01 Jun 2019 17:56

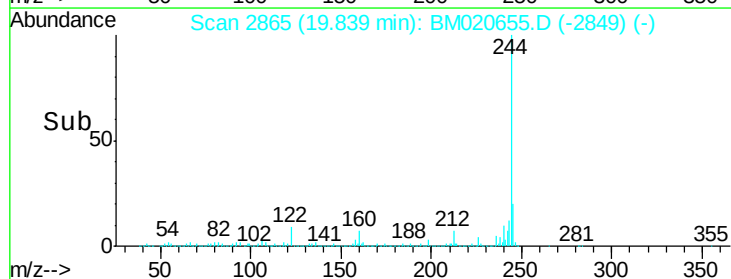
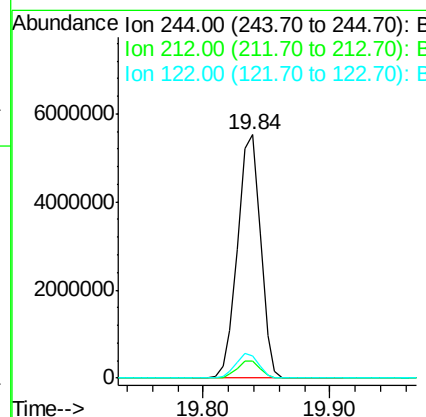
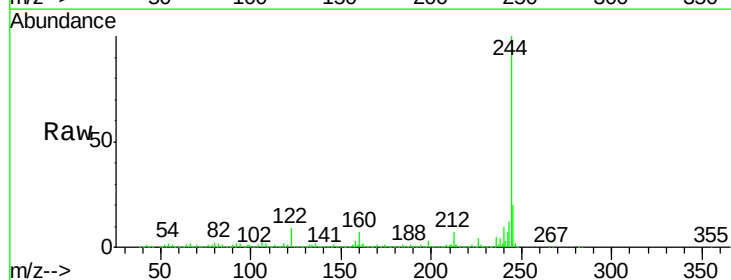
Instrument :
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TP-7

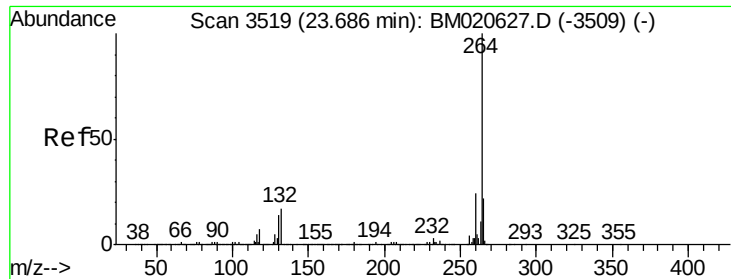
Tgt Ion:240 Resp: 1437532
Ion Ratio Lower Upper
240 100
120 11.2 8.2 12.2
236 26.1 21.2 31.8



#79
Terphenyl-d14
Concen: 80.081 ng
RT: 19.84 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM020655.D
Acq: 01 Jun 2019 17:56

Tgt Ion:244 Resp: 6882406
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.2 7.2 10.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM020655.D
Acq: 01 Jun 2019 17:56

Instrument :
BNA_M
ClientSampleId :
TP-7

Tgt Ion: 264 Resp: 1461352

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.6	26.4

