

Data File : BM020678.D
Acq On : 03 Jun 2019 19:29
Operator : HP/JU
Sample : PB120221BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120221BL

Quant Time: Jun 04 04:18:18 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

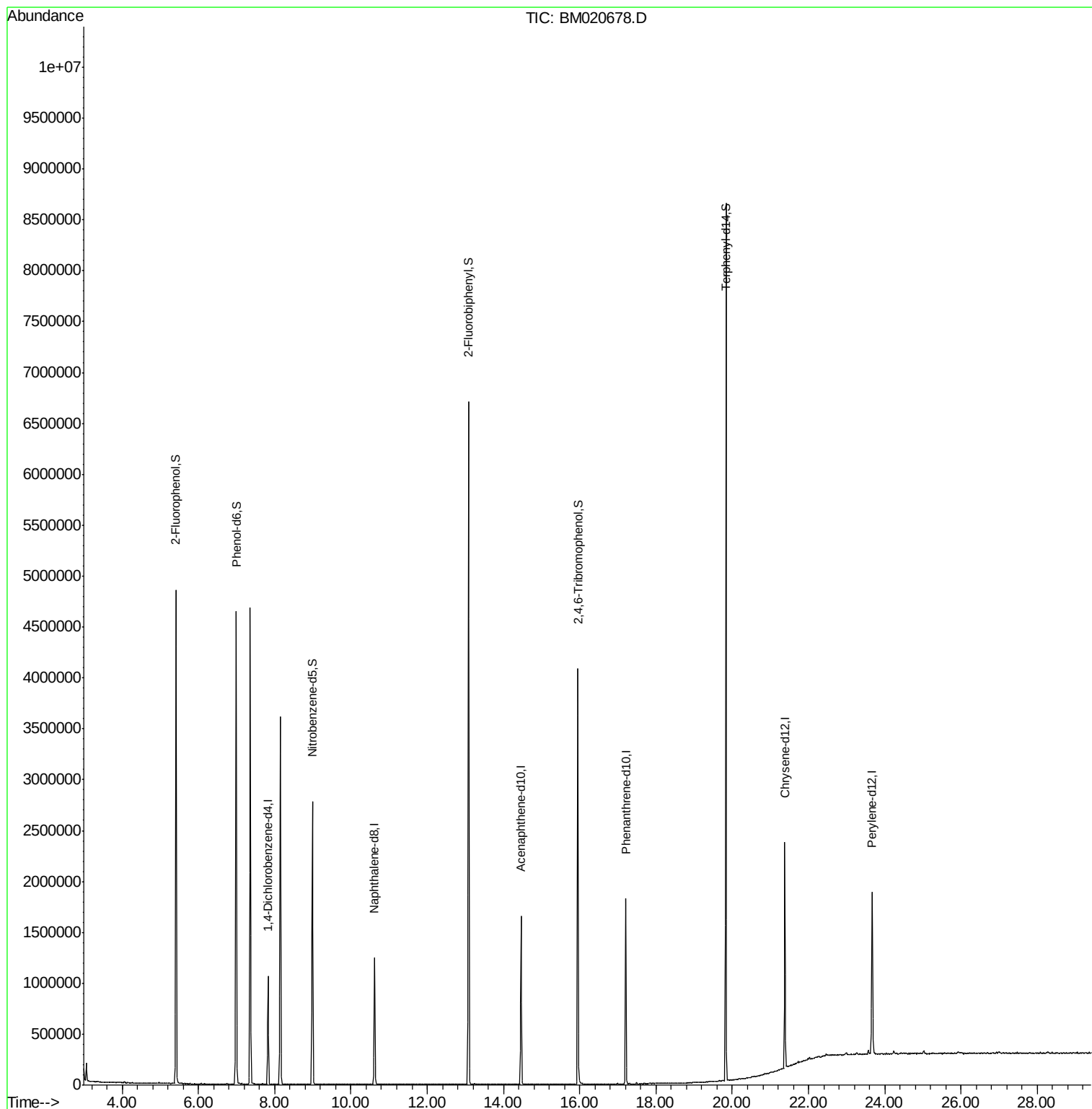
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	267933	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1016876	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	509190	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1005768	20.00	ng	0.00
76) Chrysene-d12	21.38	240	905977	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1098115	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1879980	123.43	ng	0.00
7) Phenol-d6	6.99	99	2539980	113.25	ng	0.00
23) Nitrobenzene-d5	8.99	82	1551952	79.07	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	707700	112.18	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	3291338	85.93	ng	0.00
79) Terphenyl-d14	19.83	244	3830176	70.71	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.99	77	5436	Below Cal	Qvalue #	6

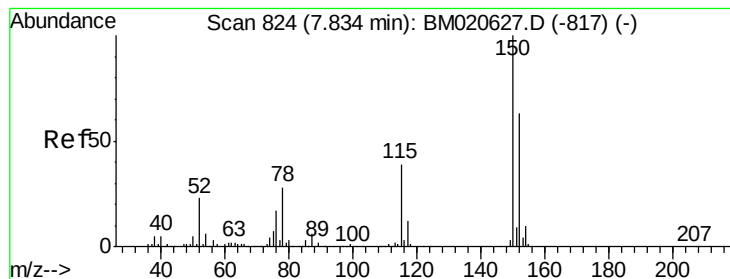
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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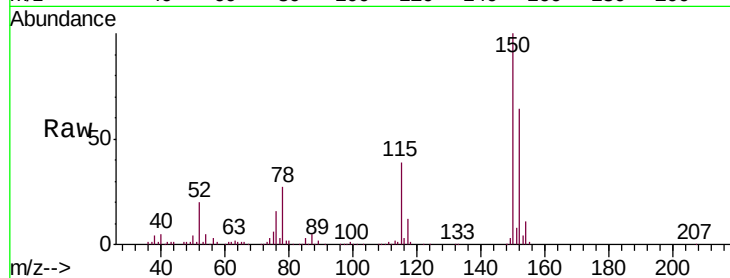


#1

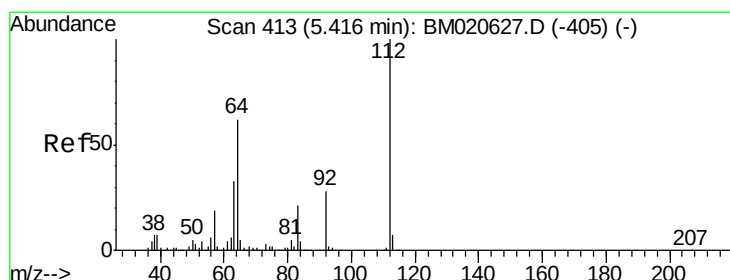
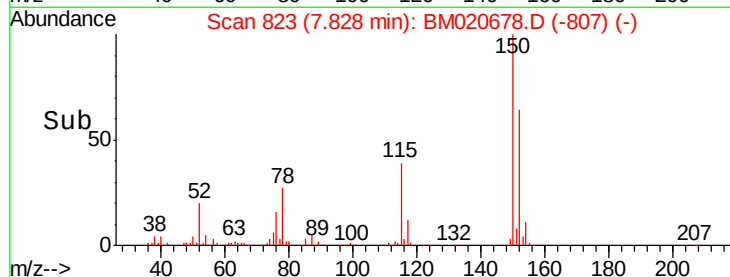
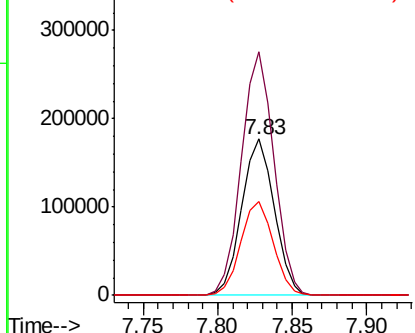
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020678.D
Acq: 03 Jun 2019 19:29

Instrument :
BNA_M
ClientSampleId :
PB120221BL

Tgt Ion:152 Resp: 267933
Ion Ratio Lower Upper
152 100
150 155.6 126.0 189.0
115 60.2 49.6 74.4



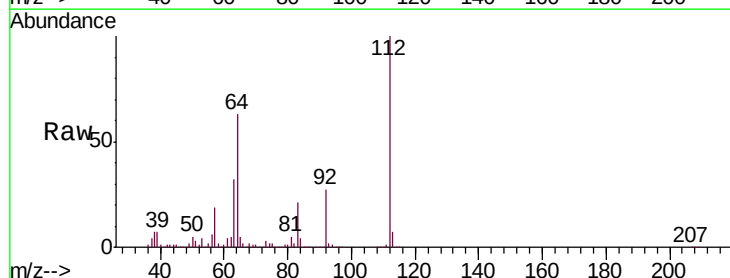
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



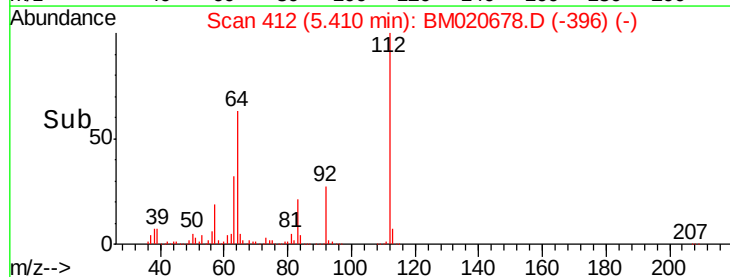
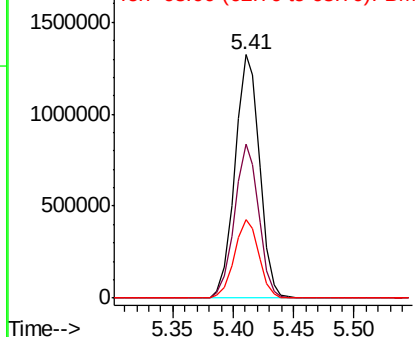
#5

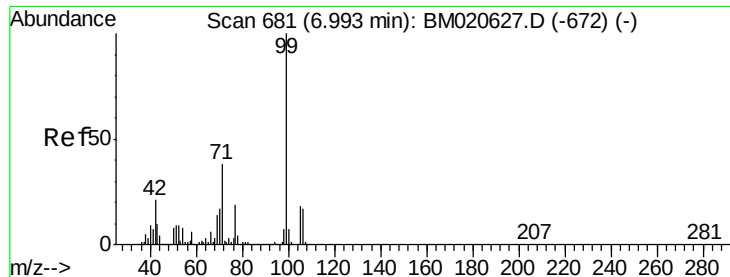
2-Fluorophenol
Concen: 123.427 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020678.D
Acq: 03 Jun 2019 19:29

Tgt Ion:112 Resp: 1879980
Ion Ratio Lower Upper
112 100
64 63.2 49.7 74.5
63 32.4 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: 113.251 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020678.D

Acq: 03 Jun 2019 19:29

Instrument :

BNA_M

ClientSampleId :

PB120221BL

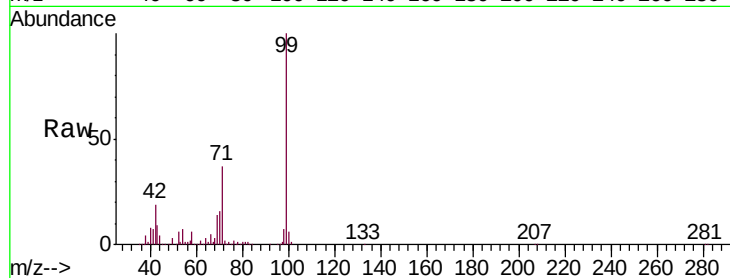
Tgt Ion: 99 Resp: 2539980

Ion Ratio Lower Upper

99 100

42 19.0 16.5 24.7

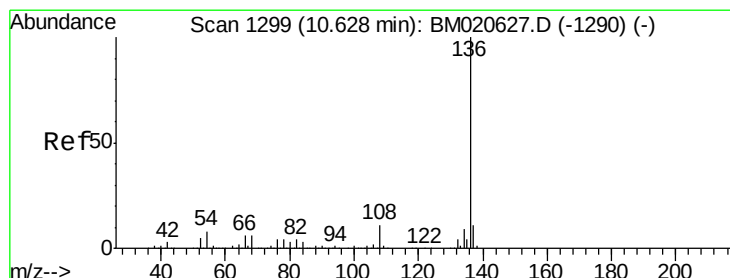
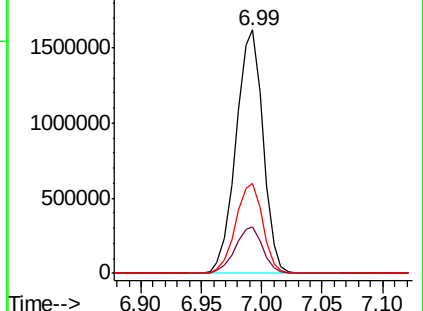
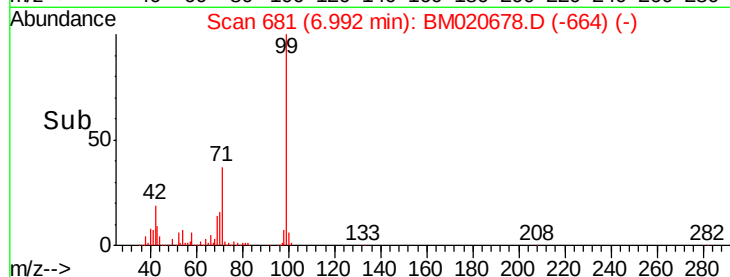
71 36.9 30.7 46.1



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# 1297

Delta R.T. -0.01 min

Lab File: BM020678.D

Acq: 03 Jun 2019 19:29

Tgt Ion: 136 Resp: 1016876

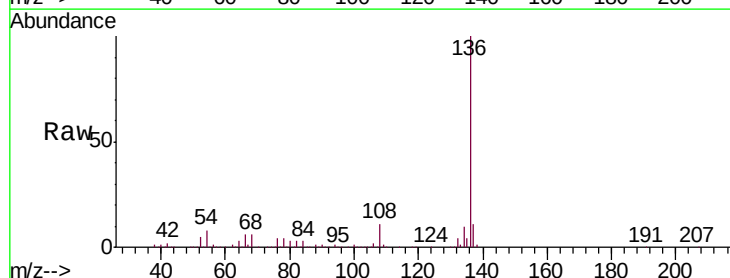
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.8 6.6 10.0

68 6.2 5.1 7.7

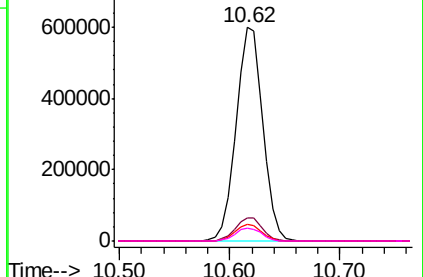
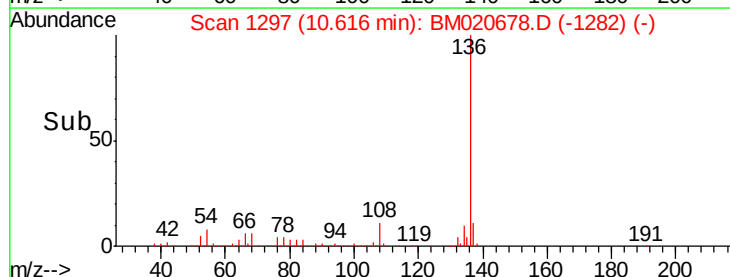


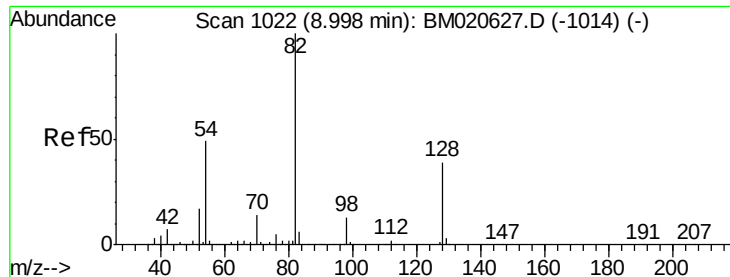
Abundance Ion 136.00 (135.70 to 136.70): BM020627.D (-1290) (-)

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) (-)

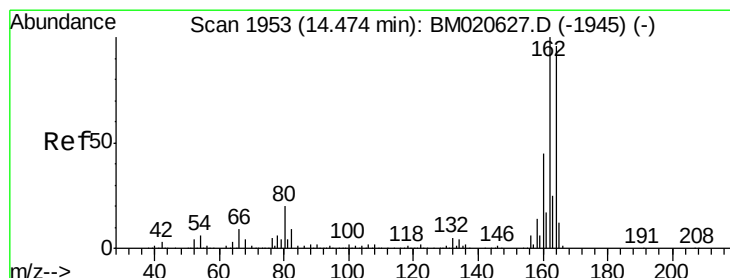
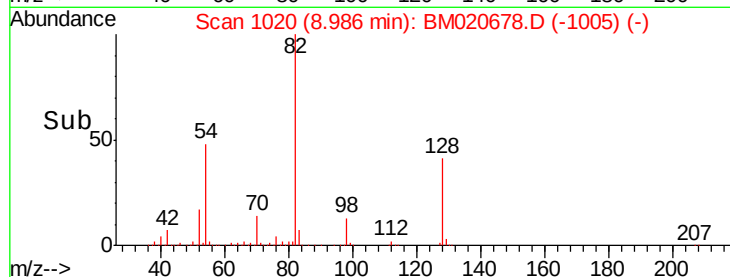
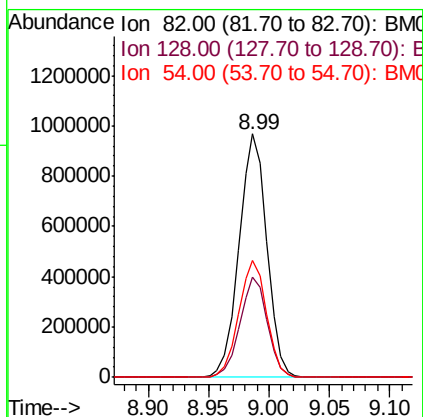
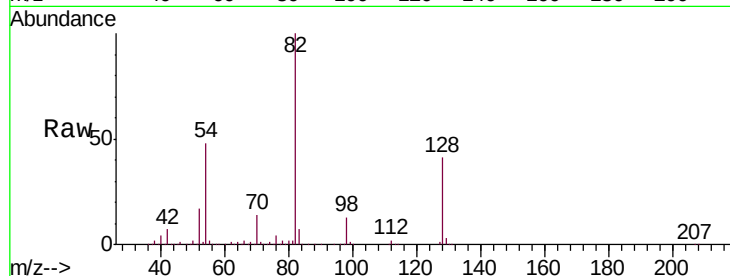




#23
Nitrobenzene-d5
Concen: 79.075 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020678.D
Acq: 03 Jun 2019 19:29

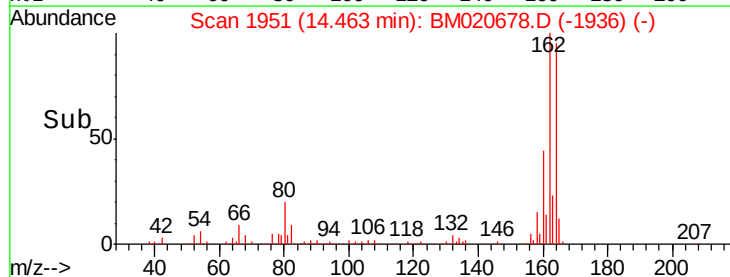
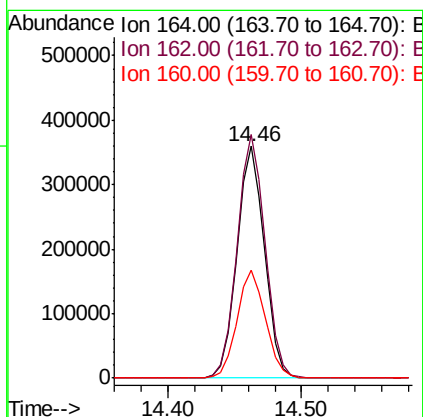
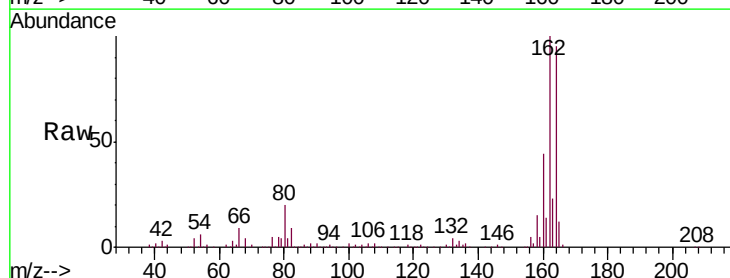
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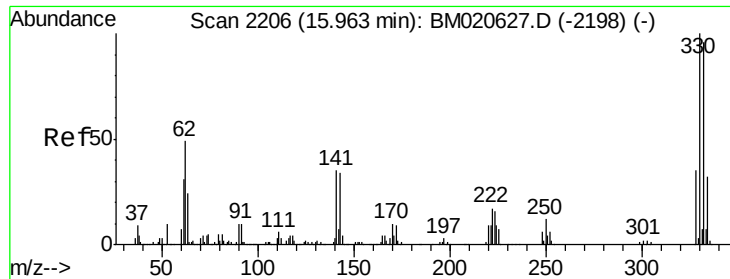
Tgt Ion: 82 Resp: 1551952
Ion Ratio Lower Upper
82 100
128 41.1 31.5 47.3
54 48.0 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020678.D
Acq: 03 Jun 2019 19:29

Tgt Ion: 164 Resp: 509190
Ion Ratio Lower Upper
164 100
162 105.1 83.2 124.8
160 46.5 37.5 56.3

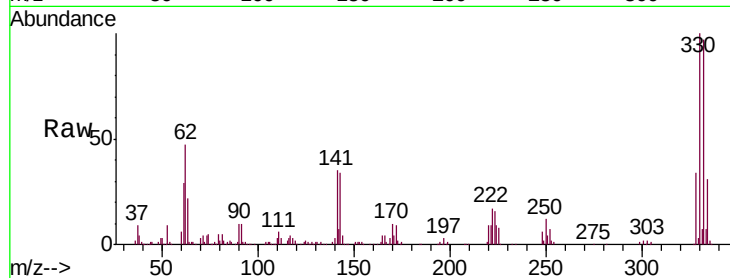




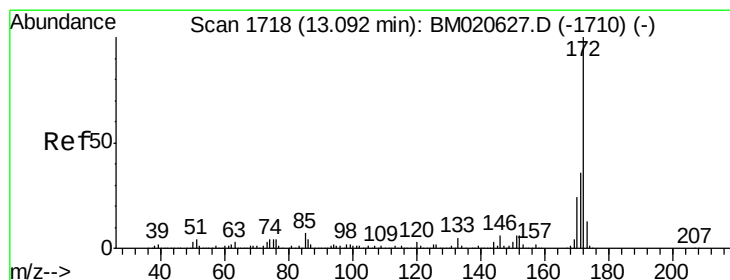
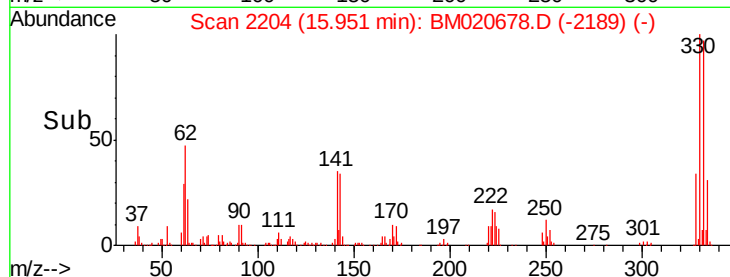
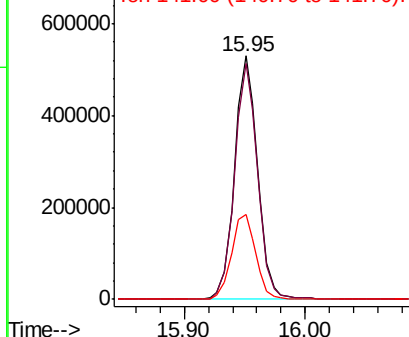
#42
 2,4,6-Tribromophenol
 Concen: 112.176 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM020678.D
 Acq: 03 Jun 2019 19:29

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	36.5	30.4	45.6

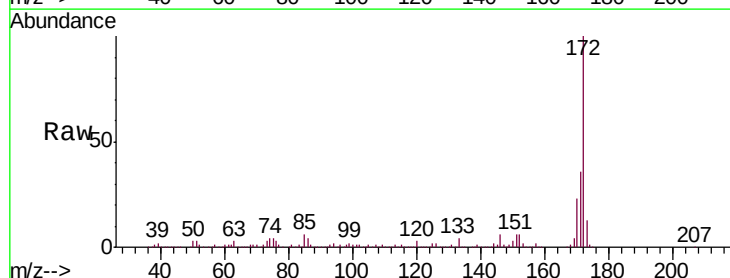


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

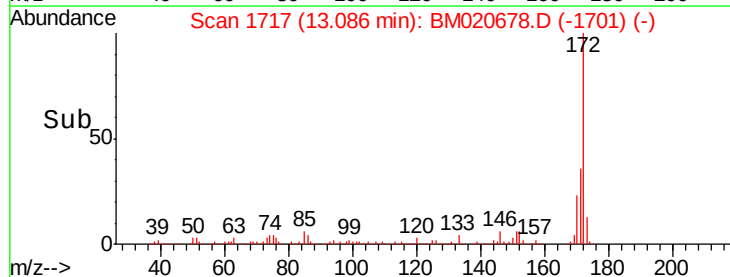
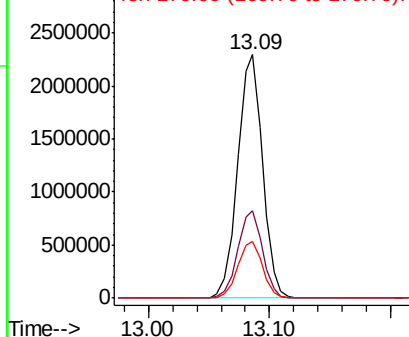


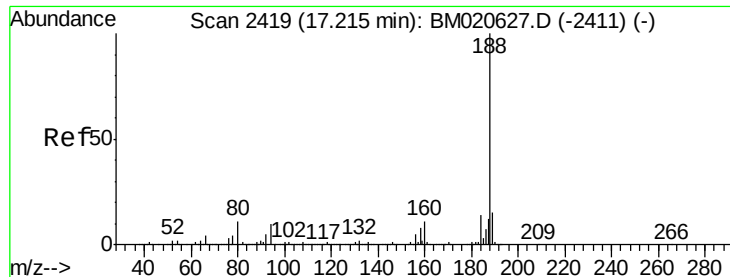
#45
 2-Fluorobiphenyl
 Concen: 85.934 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM020678.D
 Acq: 03 Jun 2019 19:29

Tgt 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

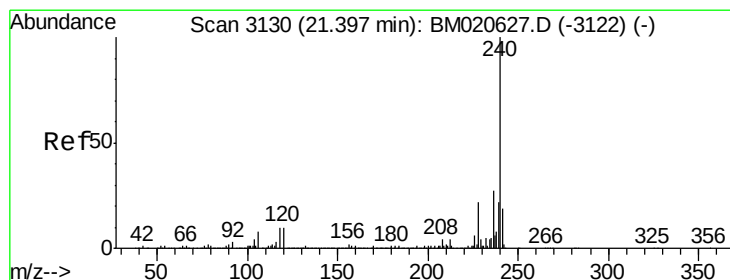
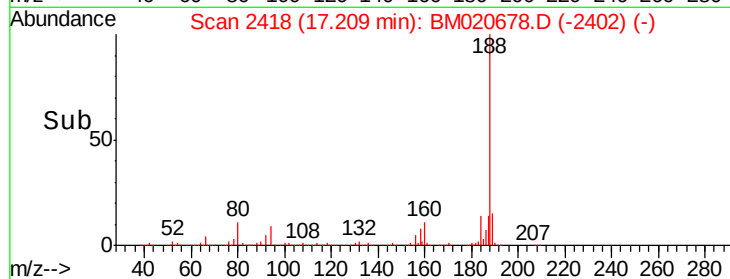
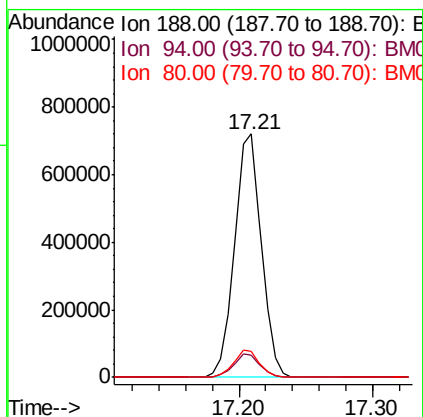
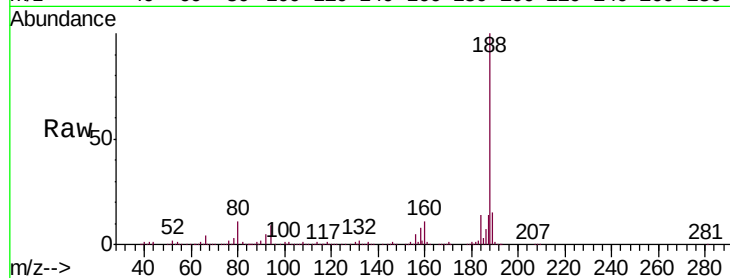




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020678.D
Acq: 03 Jun 2019 19:29

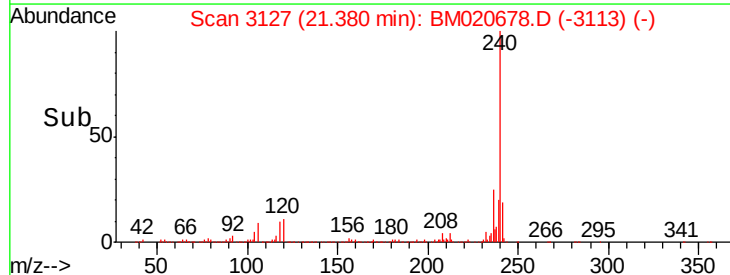
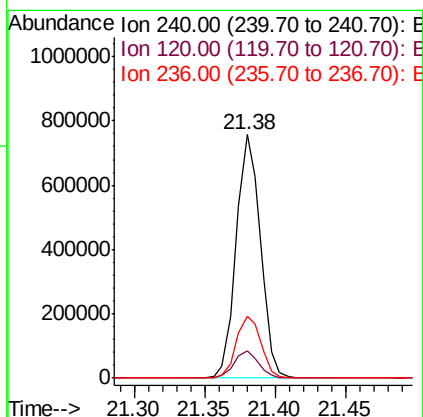
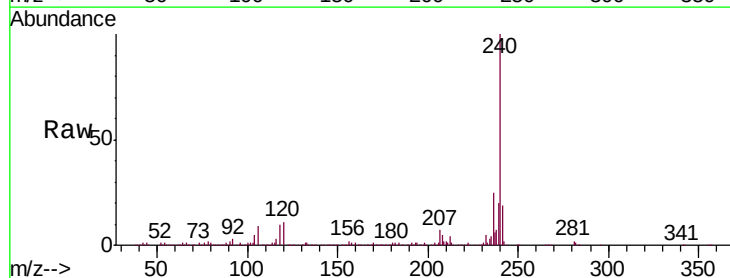
Instrument :
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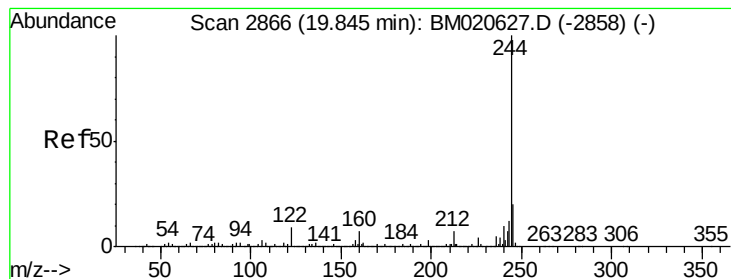
Tgt Ion:188 Resp: 1005768
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.8
80 10.7 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM020678.D
Acq: 03 Jun 2019 19:29

Tgt Ion:240 Resp: 905977
Ion Ratio Lower Upper
240 100
120 11.4 8.2 12.2
236 25.3 21.2 31.8





#79

Terphenyl-d14

Concen: 70.714 ng

RT: 19.83 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BM020678.D

Acq: 03 Jun 2019 19:29

Instrument :

BNA_M

ClientSampleId :

PB120221BL

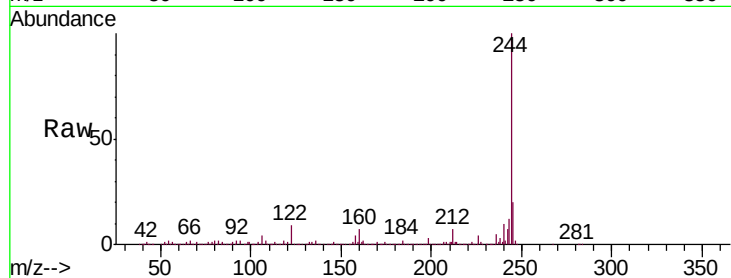
Tgt Ion:244 Resp: 3830176

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

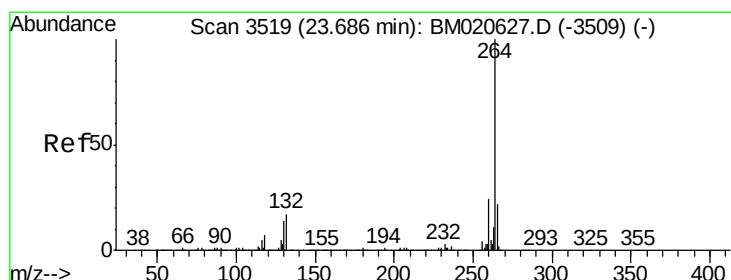
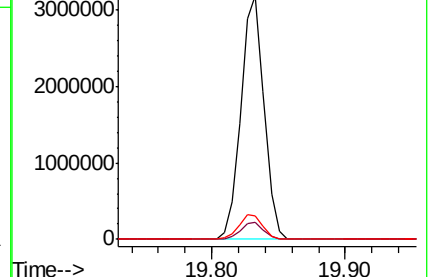
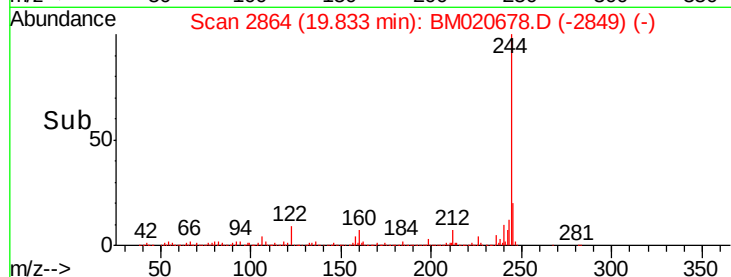
122 9.4 7.2 10.8



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: 23.67 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BM020678.D

Acq: 03 Jun 2019 19:29

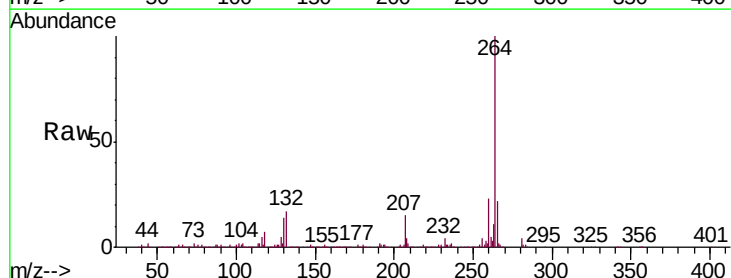
Tgt Ion:264 Resp: 1098115

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.9 17.6 26.4



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

