

Data File : BM020670.D
Acq On : 03 Jun 2019 14:40
Operator : HP/JU
Sample : PB120211BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120211BL

Quant Time: Jun 04 04:12:58 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

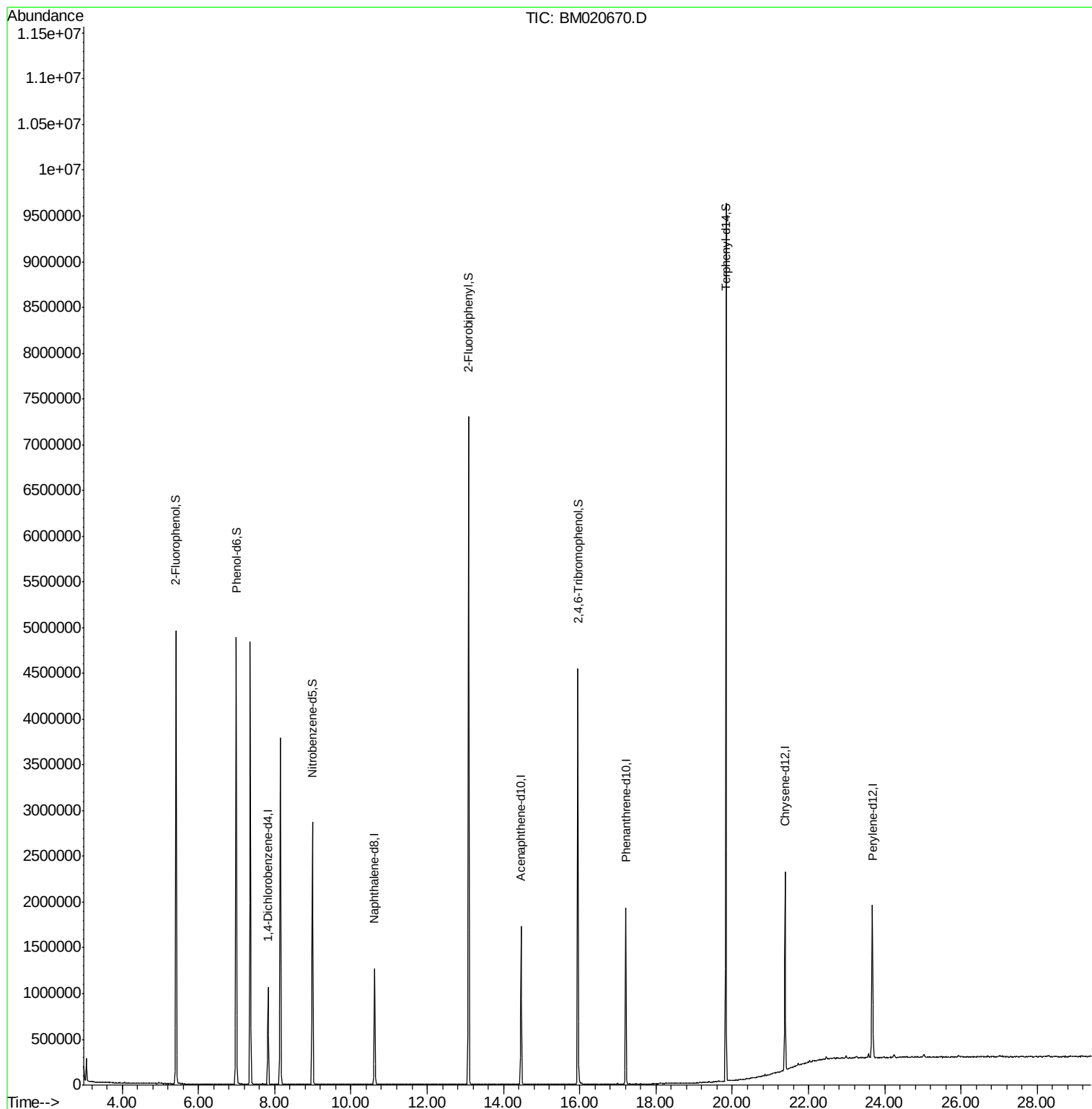
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	271655	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1044438	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	537945	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1073941	20.00	ng	0.00
76) Chrysene-d12	21.39	240	951240	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1159093	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1967239	127.39	ng	0.00
7) Phenol-d6	6.99	99	2650742	116.57	ng	0.00
23) Nitrobenzene-d5	8.99	82	1622037	80.46	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	787739	118.19	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	3469132	85.73	ng	0.00
79) Terphenyl-d14	19.83	244	4214234	74.10	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.99	77	5438	Below Cal	Qvalue #	6

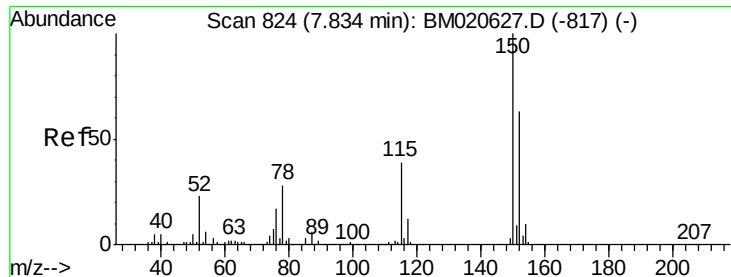
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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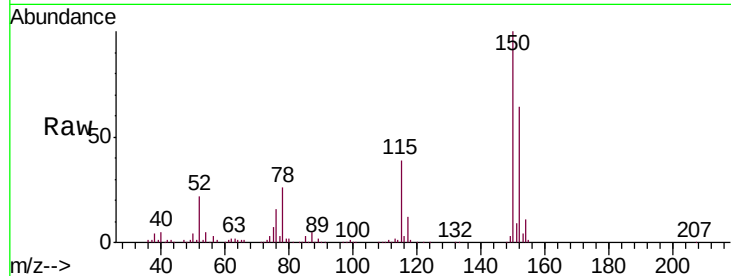


#1

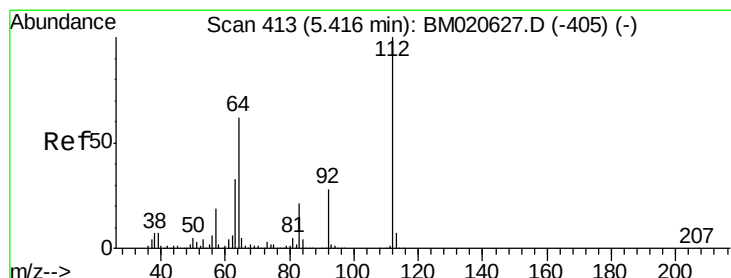
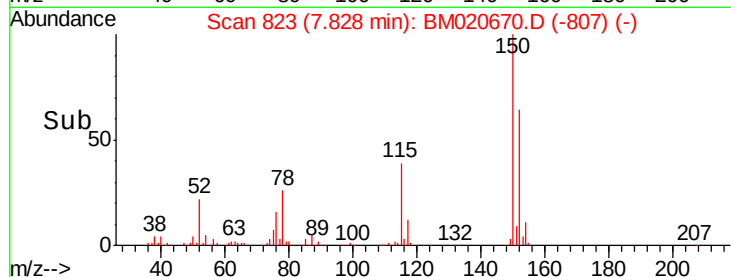
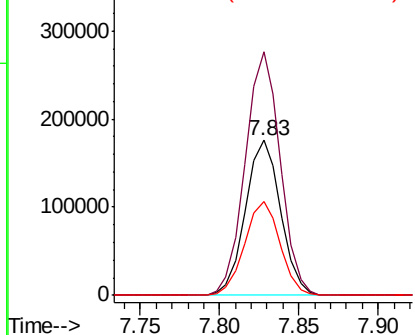
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020670.D
Acq: 03 Jun 2019 14:40

Instrument :
BNA_M
ClientSampleId :
PB120211BL

Tgt Ion:152 Resp: 271655
Ion Ratio Lower Upper
152 100
150 157.4 126.0 189.0
115 61.1 49.6 74.4



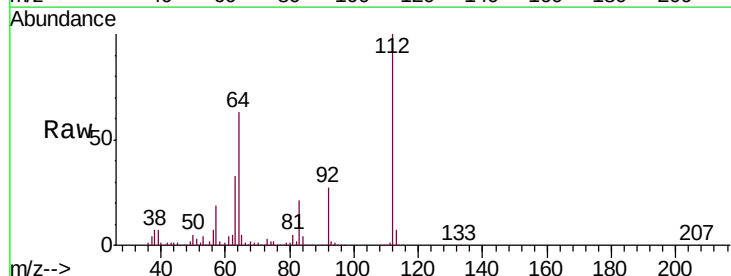
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



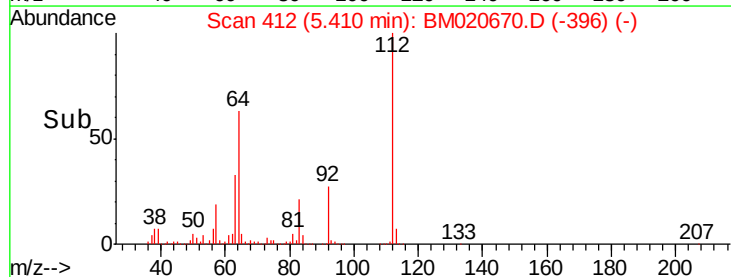
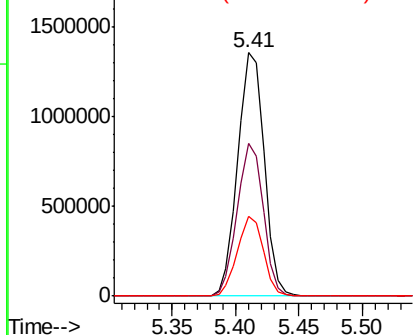
#5

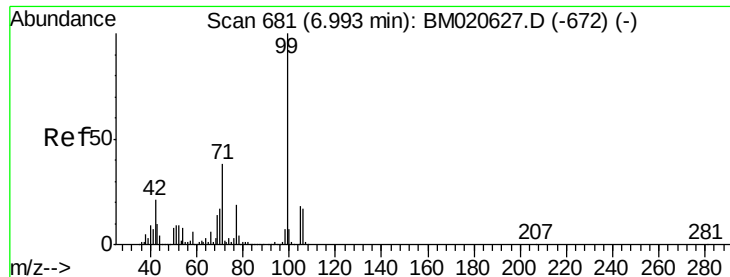
2-Fluorophenol
Concen: 127.386 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020670.D
Acq: 03 Jun 2019 14:40

Tgt Ion:112 Resp: 1967239
Ion Ratio Lower Upper
112 100
64 62.6 49.7 74.5
63 32.8 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: 116.570 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020670.D

Acq: 03 Jun 2019 14:40

Instrument :

BNA_M

ClientSampleId :

PB120211BL

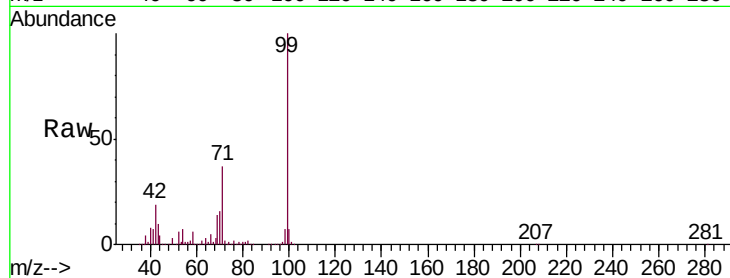
Tgt Ion: 99 Resp: 2650742

Ion Ratio Lower Upper

99 100

42 18.9 16.5 24.7

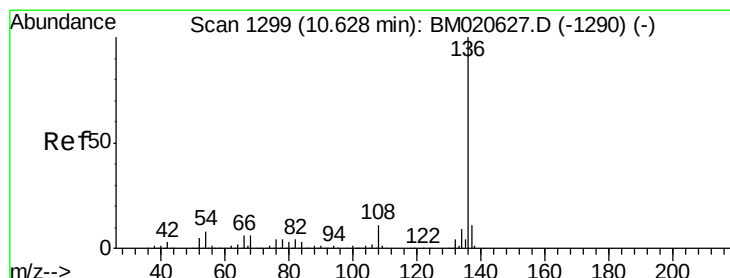
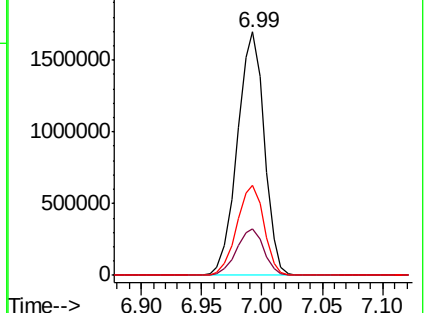
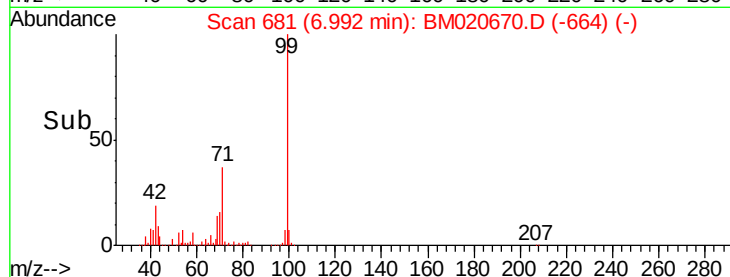
71 37.2 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020670.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020670.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020670.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM020670.D

Acq: 03 Jun 2019 14:40

Tgt Ion: 136 Resp: 1044438

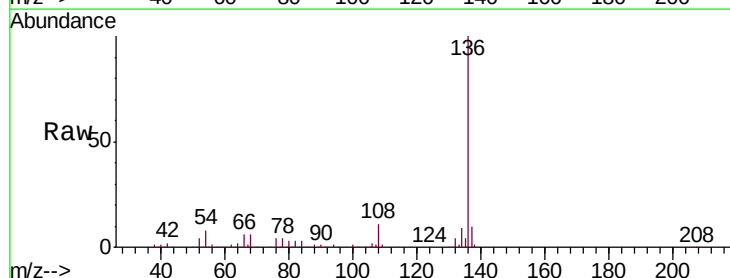
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 7.6 6.6 10.0

68 6.5 5.1 7.7

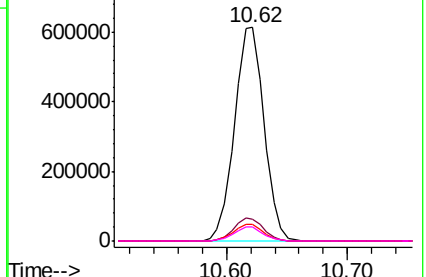
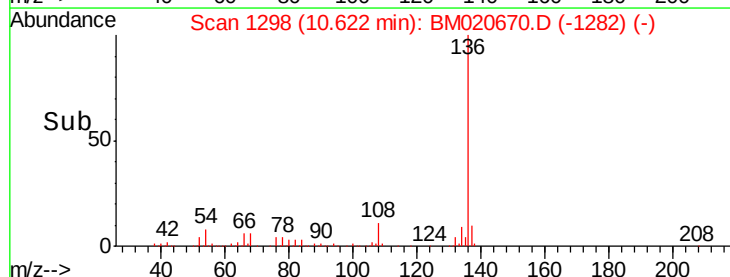


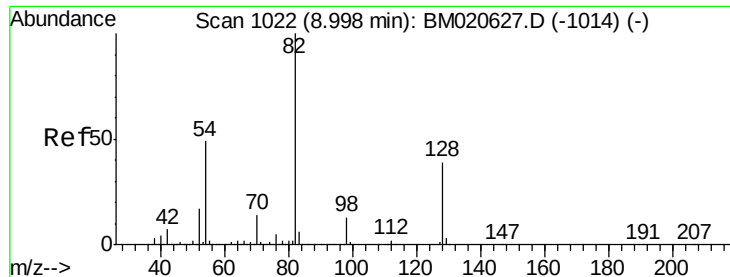
Abundance Ion 136.00 (135.70 to 136.70): BM020670.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020670.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020670.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020670.D (-1282) (-)

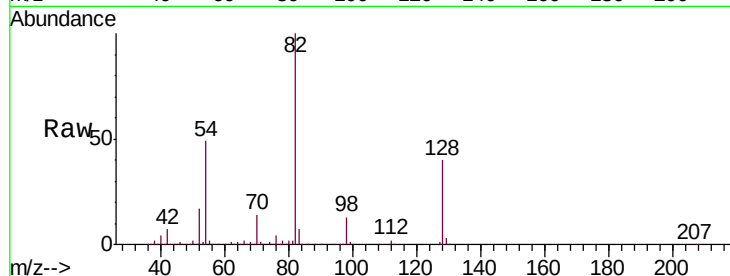




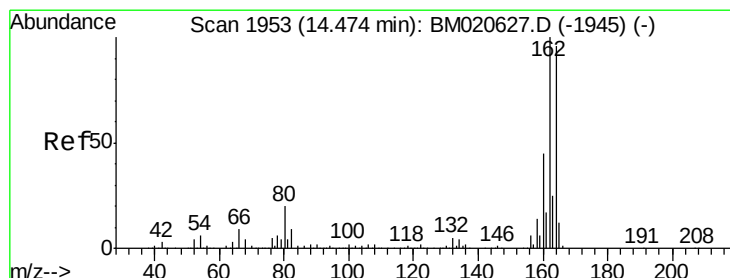
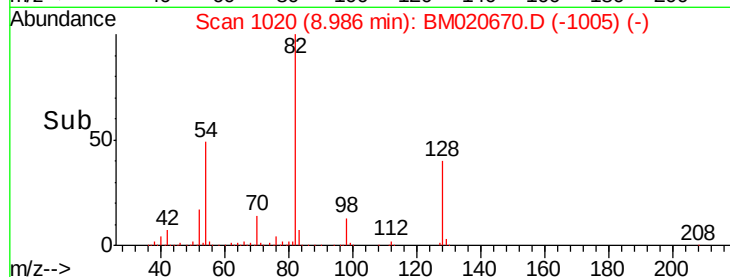
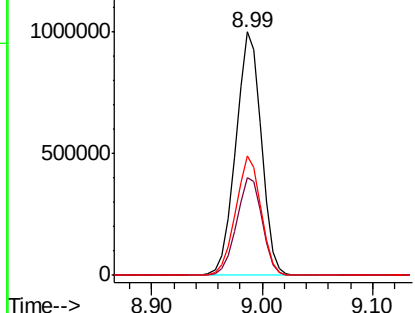
#23
Nitrobenzene-d5
Concen: 80.465 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020670.D
Acq: 03 Jun 2019 14:40

Instrument :
BNA_M
ClientSampled :
PB120211BL

Tgt Ion: 82 Resp: 1622037
Ion Ratio Lower Upper
82 100
128 40.4 31.5 47.3
54 49.0 39.4 59.0

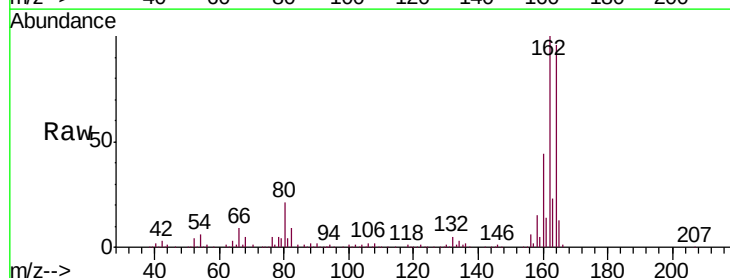


Abundance Ion 82.00 (81.70 to 82.70): BM020670.D (-1014) (-)
Ion 128.00 (127.70 to 128.70): BM020670.D (-1014) (-)
Ion 54.00 (53.70 to 54.70): BM020670.D (-1014) (-)

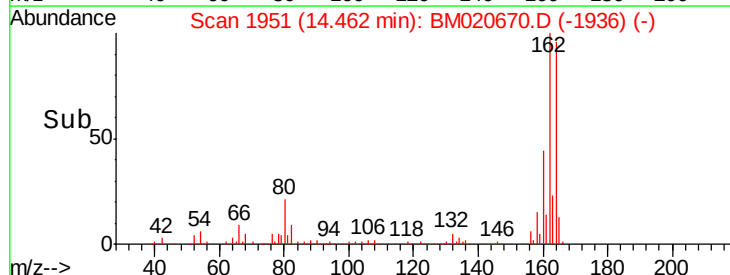
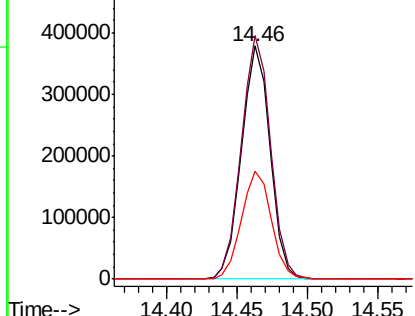


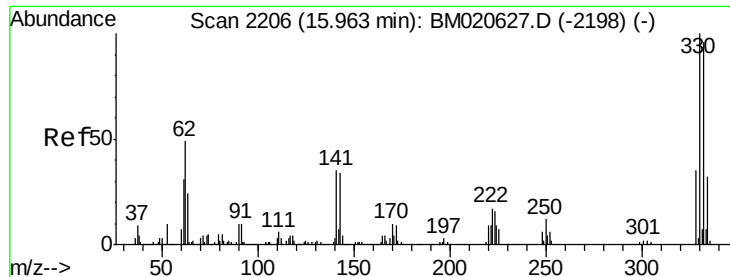
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020670.D
Acq: 03 Jun 2019 14:40

Tgt Ion: 164 Resp: 537945
Ion Ratio Lower Upper
164 100
162 104.6 83.2 124.8
160 46.2 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): BM020670.D (-1936) (-)
Ion 162.00 (161.70 to 162.70): BM020670.D (-1936) (-)
Ion 160.00 (159.70 to 160.70): BM020670.D (-1936) (-)

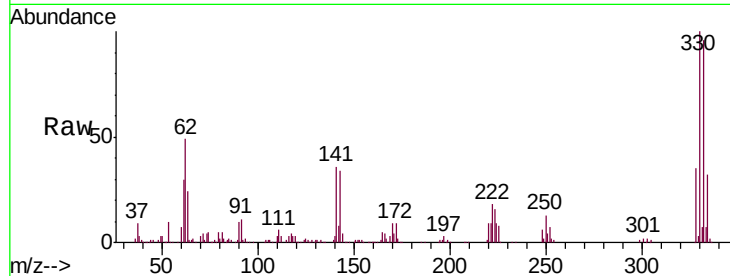




#42
 2,4,6-Tribromophenol
 Concen: 118.189 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM020670.D
 Acq: 03 Jun 2019 14:40

Instrument :
 BNA_M
 ClientSampleId :
 PB120211BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	36.2	30.4	45.6

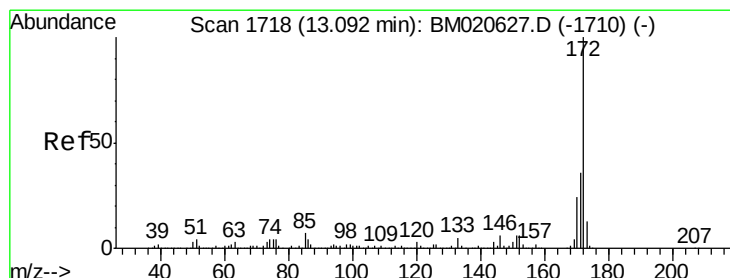
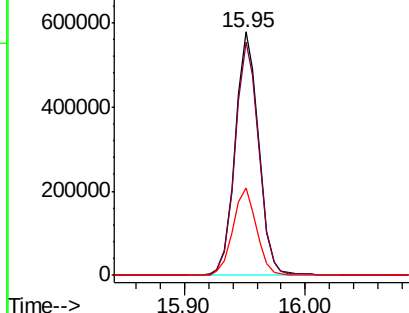
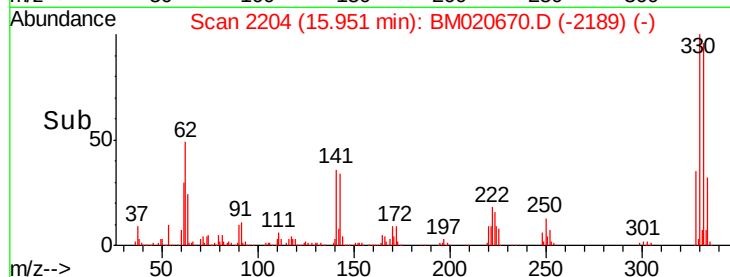


Abundance

Ion 329.80 (329.50 to 330.50): E

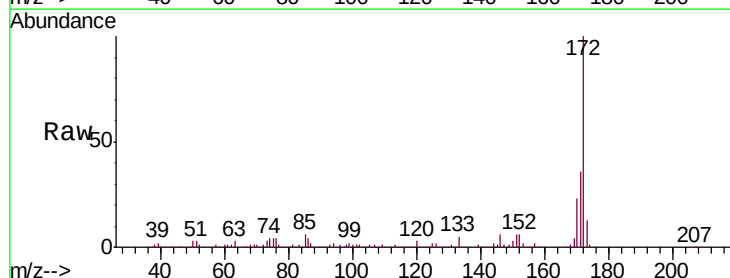
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.734 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM020670.D
 Acq: 03 Jun 2019 14:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.4	18.9	28.3

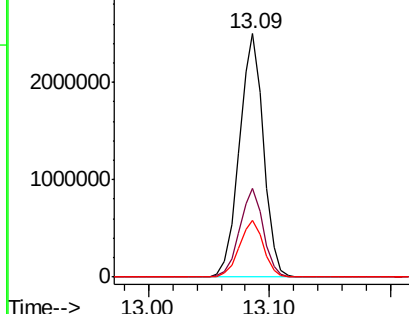
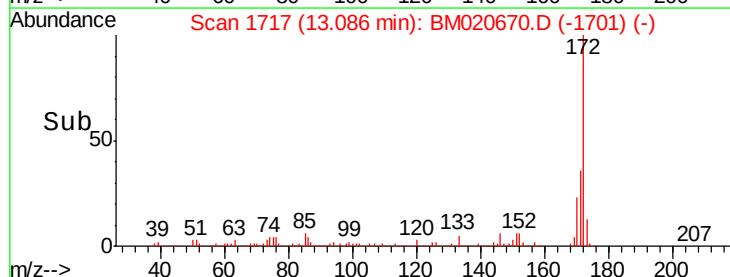


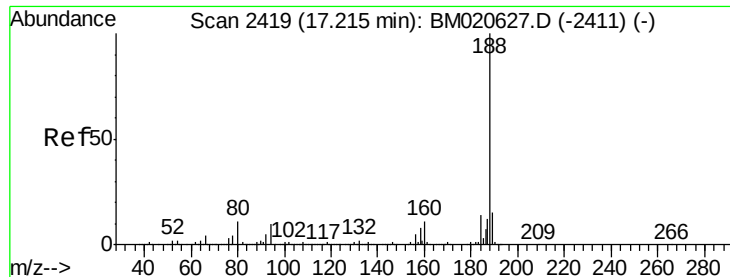
Abundance

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: BM020670.D

Acq: 03 Jun 2019 14:40

Instrument :

BNA_M

ClientSampleId :

PB120211BL

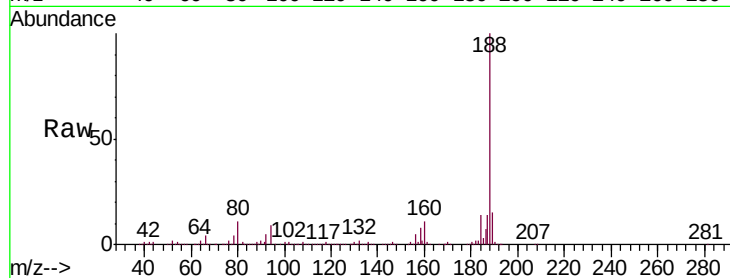
Tgt Ion:188 Resp: 1073941

Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.8

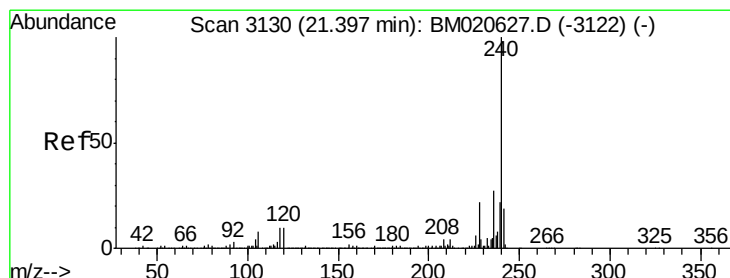
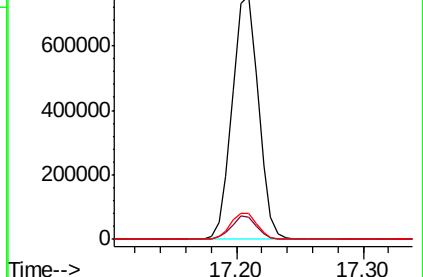
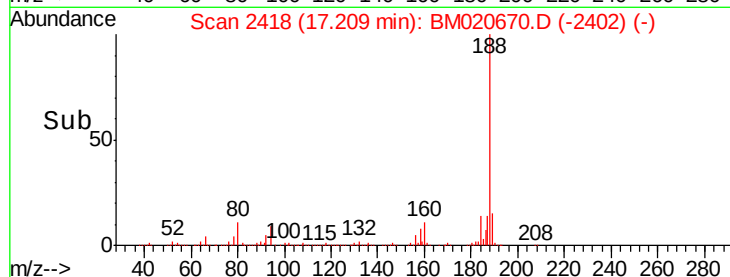
80 10.8 9.0 13.6



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: 21.39 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM020670.D

Acq: 03 Jun 2019 14:40

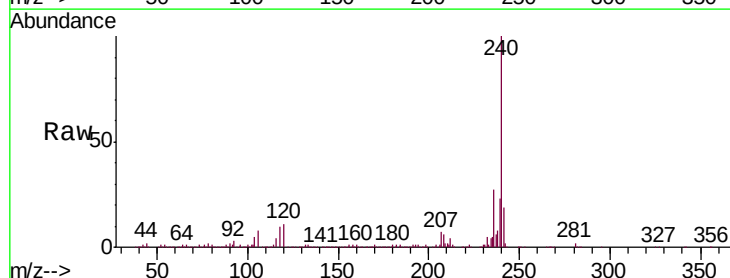
Tgt Ion:240 Resp: 951240

Ion Ratio Lower Upper

240 100

120 11.2 8.2 12.2

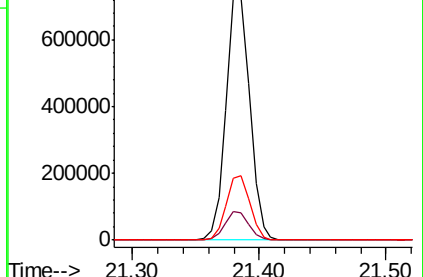
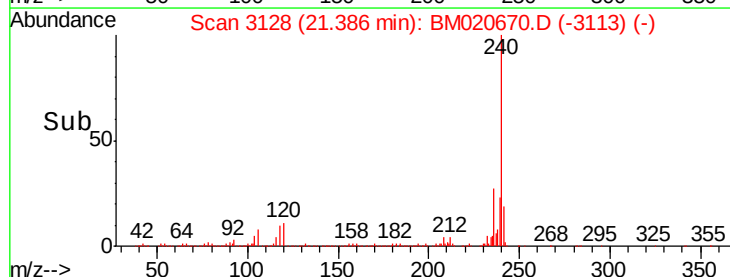
236 26.6 21.2 31.8

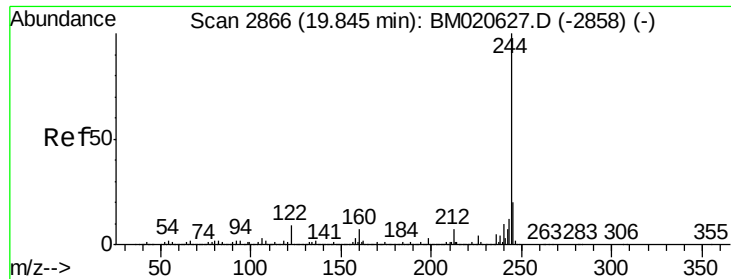


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.103 ng

RT: 19.83 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BM020670.D

Acq: 03 Jun 2019 14:40

Instrument :

BNA_M

ClientSampleId :

PB120211BL

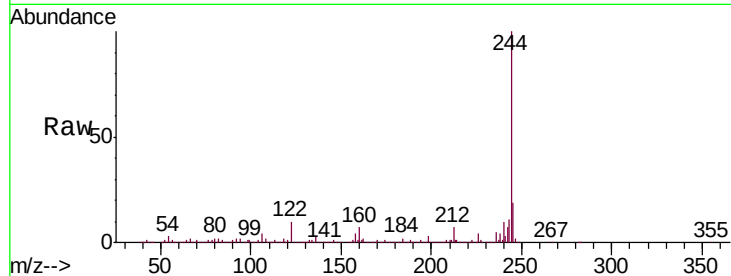
Tgt Ion:244 Resp: 4214234

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

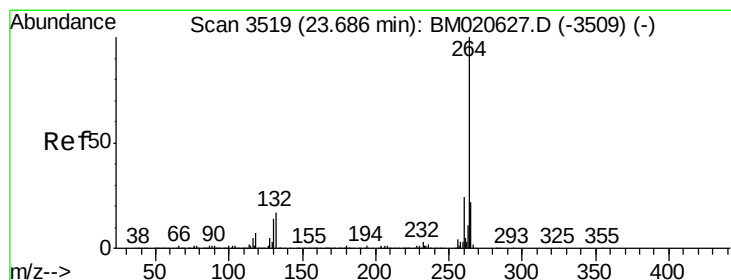
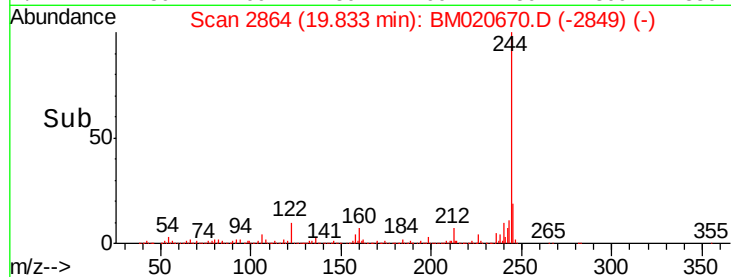
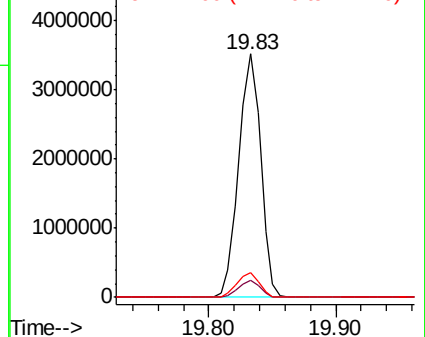
122 10.0 7.2 10.8



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# 3517

Delta R.T. -0.01 min

Lab File: BM020670.D

Acq: 03 Jun 2019 14:40

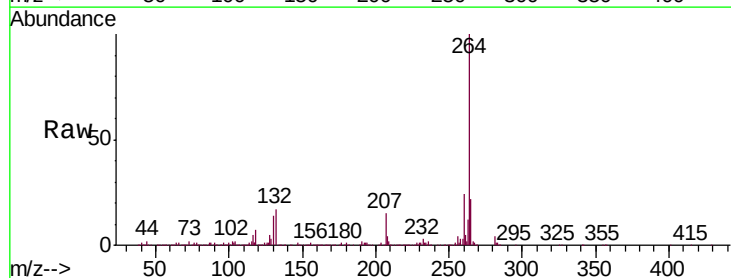
Tgt Ion:264 Resp: 1159093

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.1 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

