

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020675.D
 Acq On : 03 Jun 2019 17:40
 Operator : HP/JU
 Sample : PB120243BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120243BL

Quant Time: Jun 04 06:35:42 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	258302	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1003328	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	521899	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1049788	20.00	ng	0.00
76) Chrysene-d12	21.39	240	957304	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1125238	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1854764	126.31	ng	0.00
7) Phenol-d6	6.99	99	2530849	117.05	ng	0.00
23) Nitrobenzene-d5	8.99	82	1542549	79.66	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	769724	119.04	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	3341999	85.13	ng	0.00
79) Terphenyl-d14	19.83	244	4197808	73.35	ng	-0.01

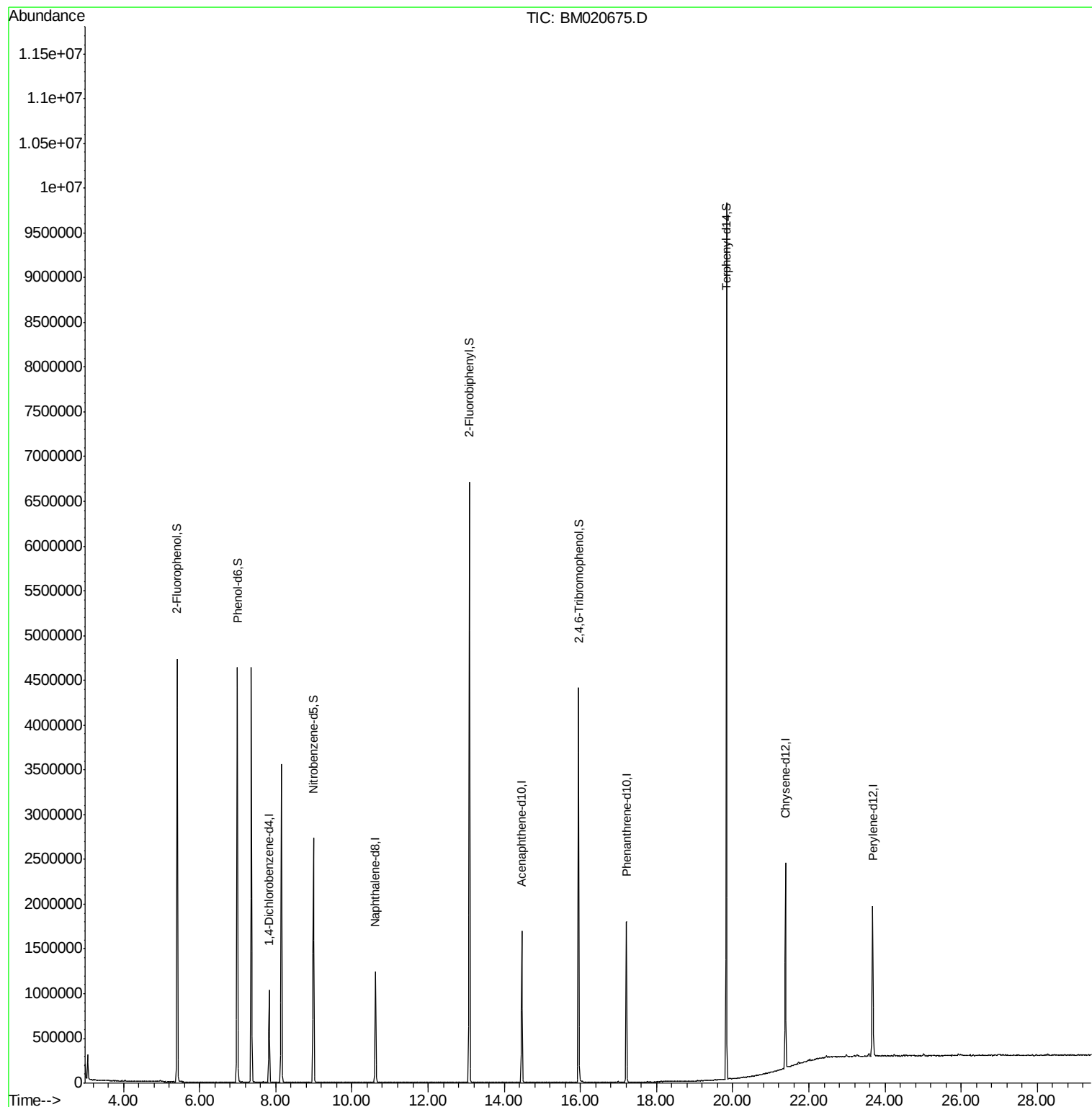
Target Compounds Qvalue

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

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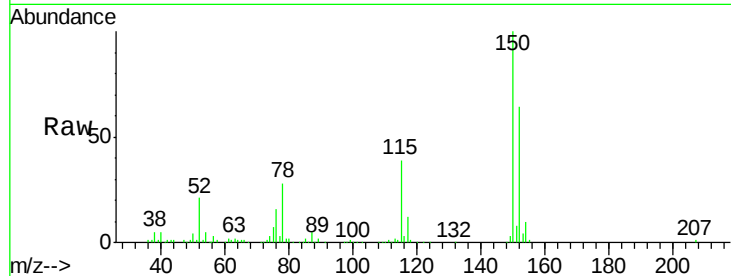


#1

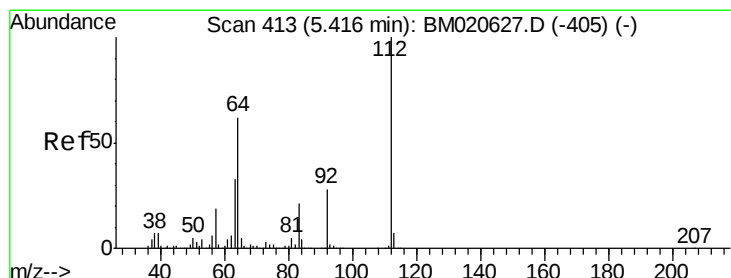
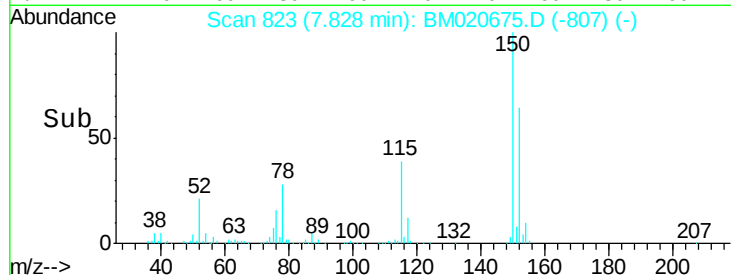
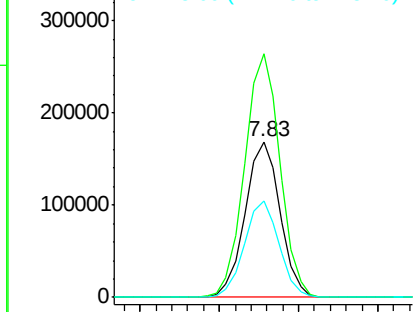
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020675.D
Acq: 03 Jun 2019 17:40

Instrument :
BNA_M
ClientSampleId :
PB120243BL

Tot Ion:152 Resp: 258302
Ion Ratio Lower Upper
152 100
150 156.7 126.0 189.0
115 61.7 49.6 74.4



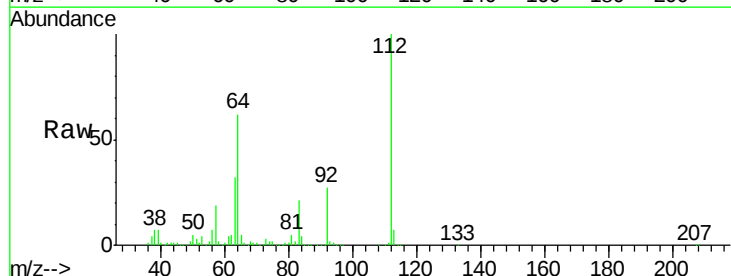
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



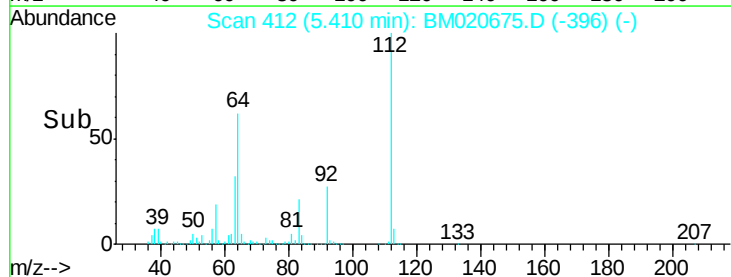
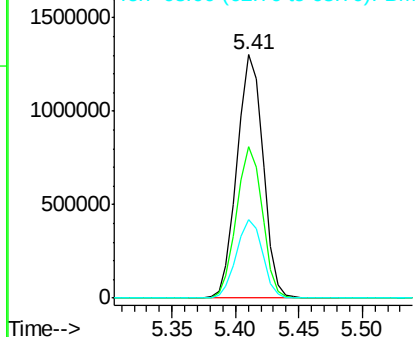
#5

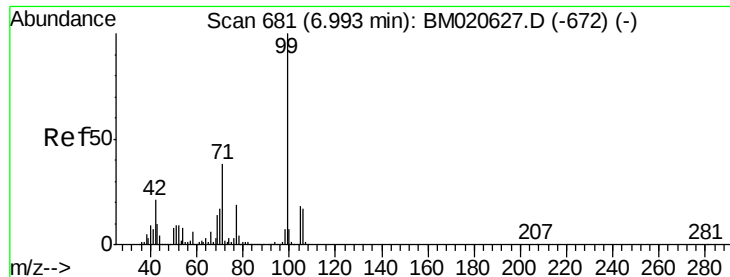
2-Fluorophenol
Concen: 126.312 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020675.D
Acq: 03 Jun 2019 17:40

Tgt Ion:112 Resp: 1854764
Ion Ratio Lower Upper
112 100
64 62.5 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: 117.051 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020675.D

Acq: 03 Jun 2019 17:40

Instrument :

BNA_M

ClientSampleId :

PB120243BL

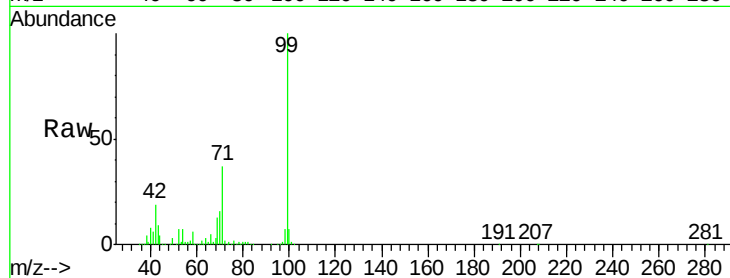
Tot Ion: 99 Resp: 2530849

Ion Ratio Lower Upper

99 100

42 18.8 16.5 24.7

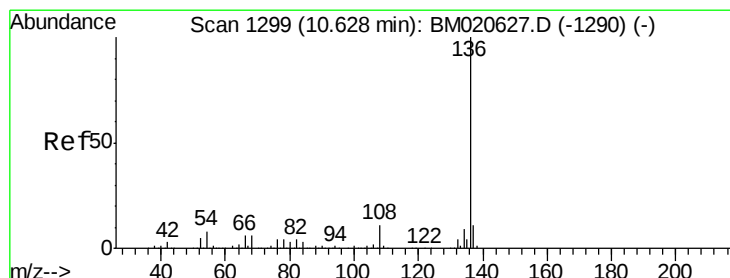
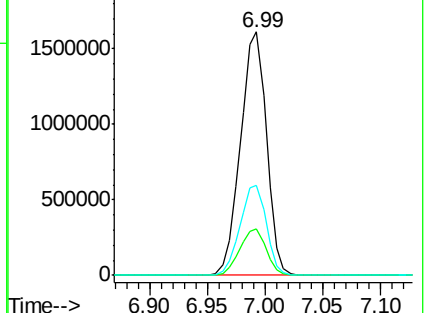
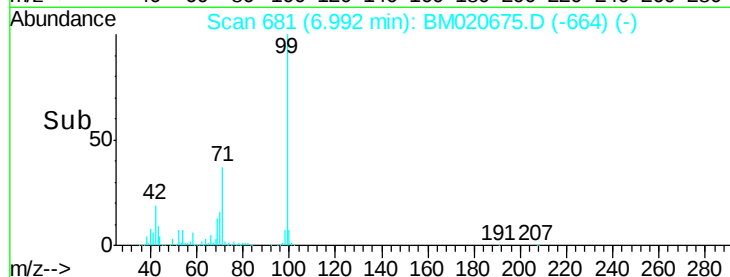
71 37.2 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020675.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020675.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020675.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020675.D

Acq: 03 Jun 2019 17:40

Tgt Ion: 136 Resp: 1003328

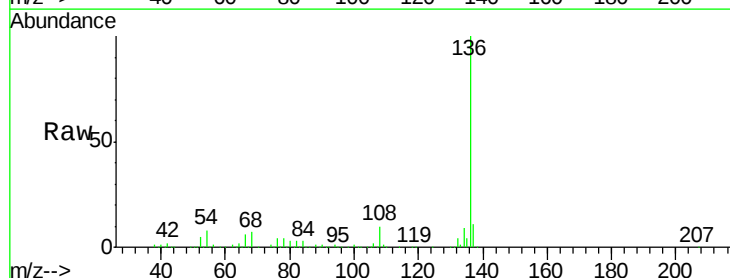
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.2 6.6 10.0

68 6.6 5.1 7.7

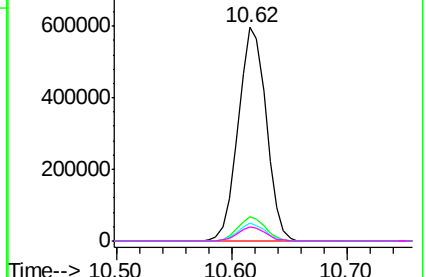
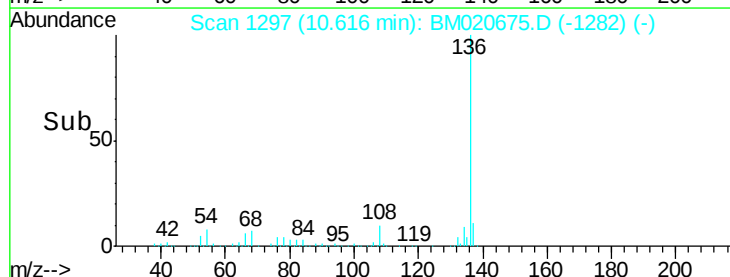


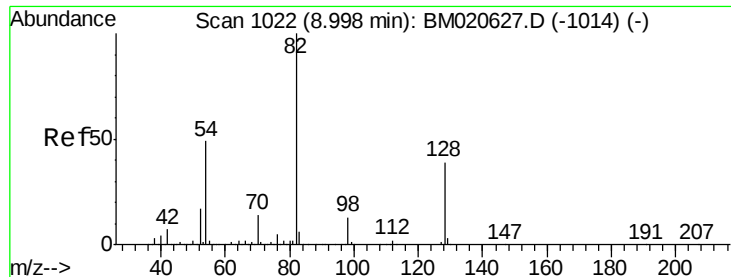
Abundance Ion 136.00 (135.70 to 136.70): BM020675.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020675.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020675.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020675.D (-1282) (-)

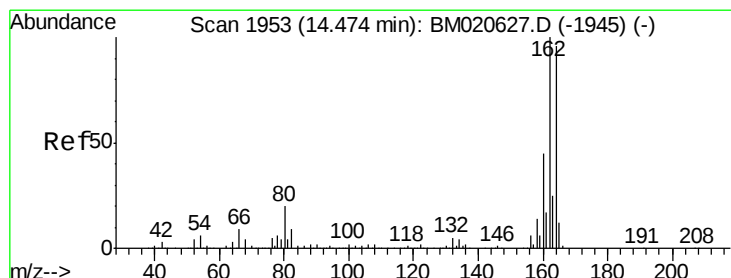
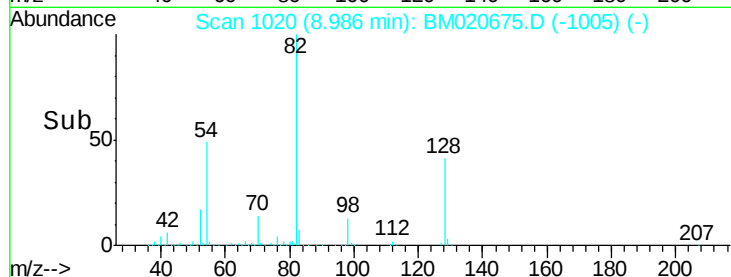
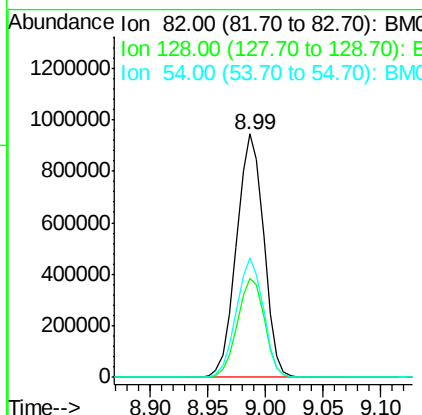
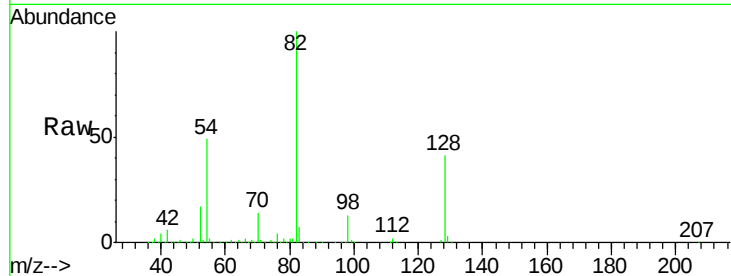




#23
Nitrobenzene-d5
Concen: 79.657 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020675.D
Acq: 03 Jun 2019 17:40

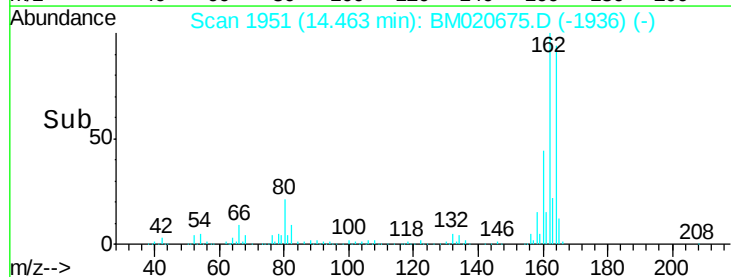
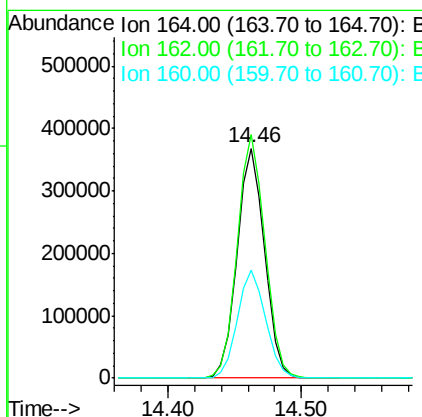
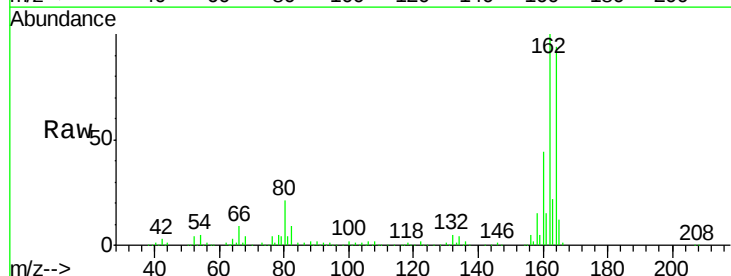
Instrument :
BNA_M
ClientSampleId :
PB120243BL

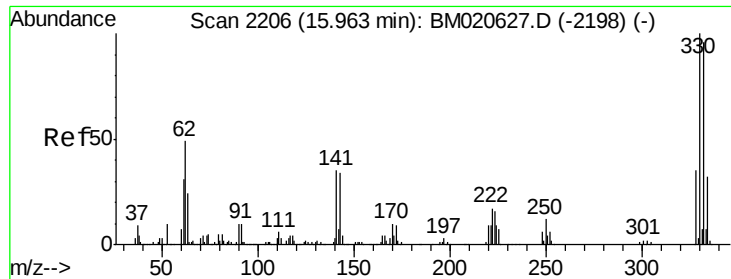
Tot Ion: 82 Resp: 1542549
Ion Ratio Lower Upper
82 100
128 40.9 31.5 47.3
54 49.2 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020675.D
Acq: 03 Jun 2019 17:40

Tgt Ion:164 Resp: 521899
Ion Ratio Lower Upper
164 100
162 106.0 83.2 124.8
160 46.9 37.5 56.3

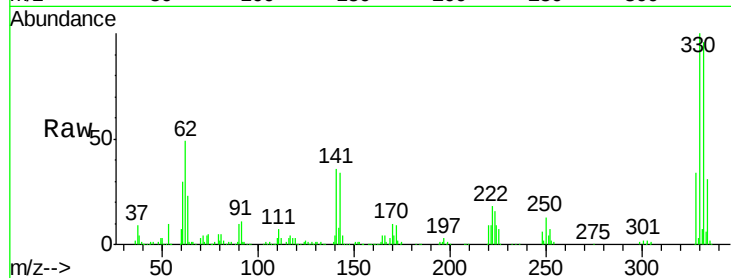




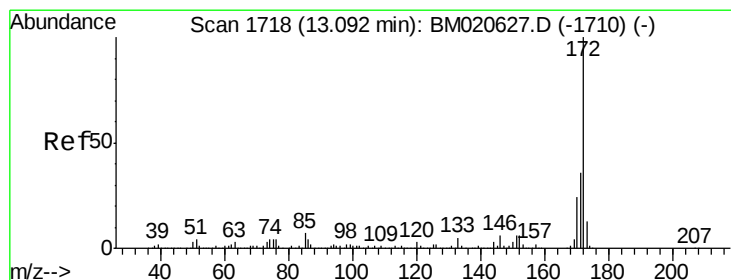
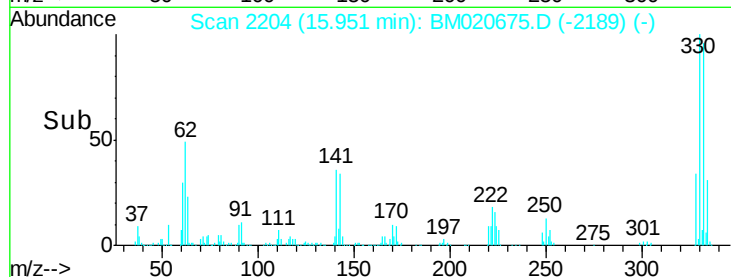
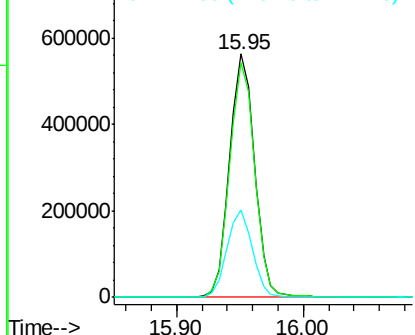
#42
 2,4,6-Tribromophenol
 Concen: 119.036 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM020675.D
 Acq: 03 Jun 2019 17:40

Instrument :
 BNA_M
 ClientSampleId :
 PB120243BL

Tot Ion:330 Resp: 769724
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.0
 141 36.4 30.4 45.6

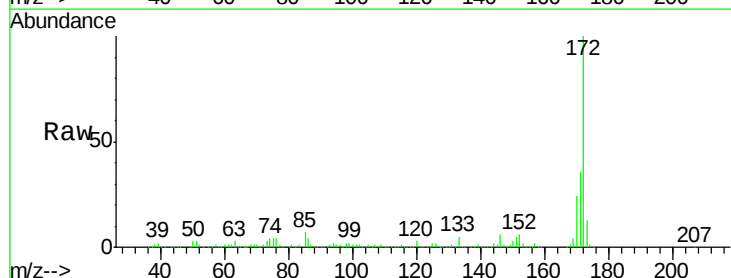


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

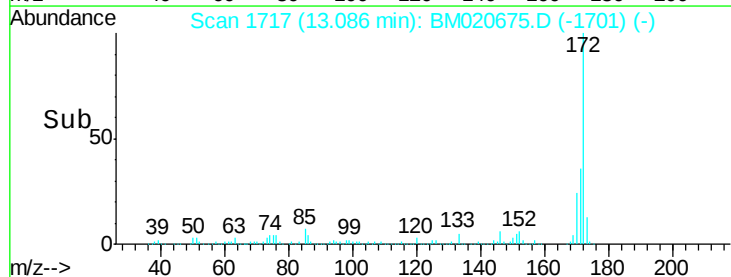
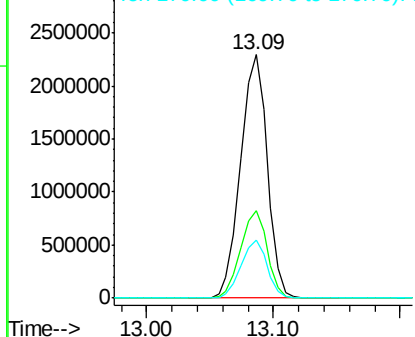


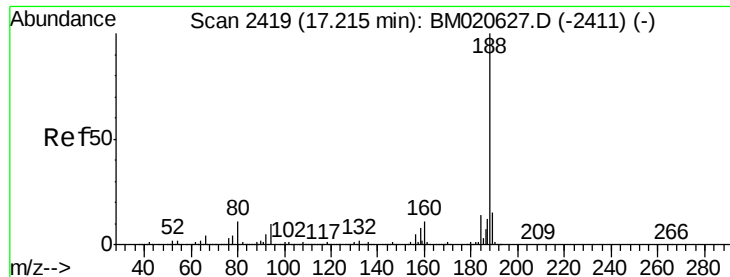
#45
 2-Fluorobiphenyl
 Concen: 85.132 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM020675.D
 Acq: 03 Jun 2019 17:40

Tgt Ion:172 Resp: 3341999
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.6 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: BM020675.D

Acq: 03 Jun 2019 17:40

Instrument :

BNA_M

ClientSampleId :

PB120243BL

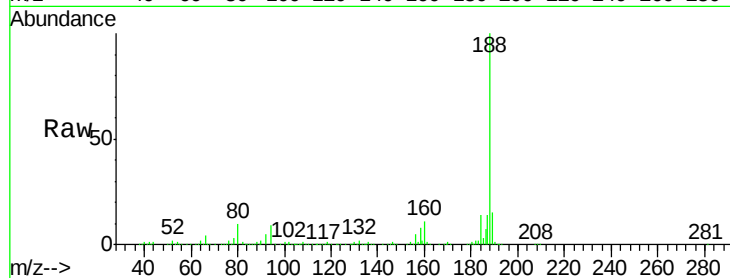
Tot Ion:188 Resp: 1049788

Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.8

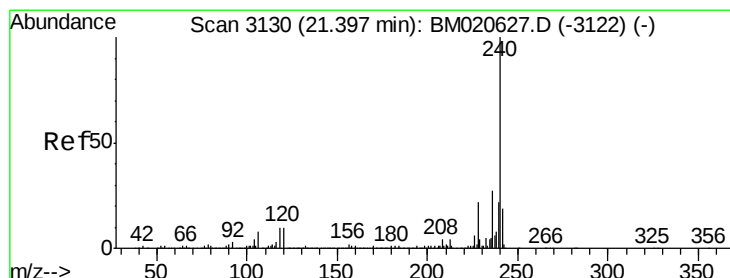
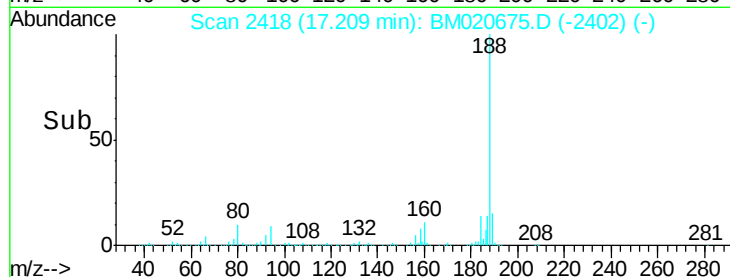
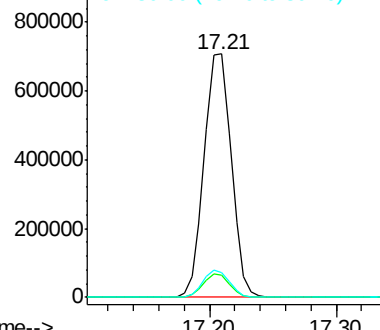
80 10.2 9.0 13.6



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: BM020675.D

Acq: 03 Jun 2019 17:40

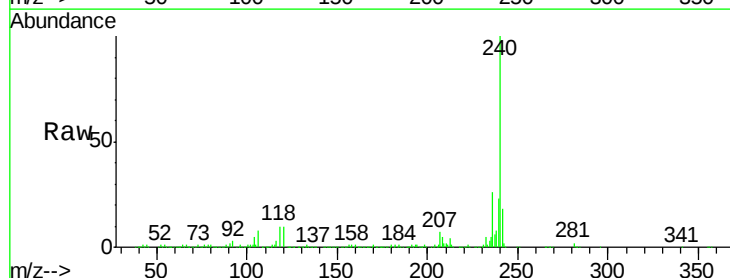
Tgt Ion:240 Resp: 957304

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

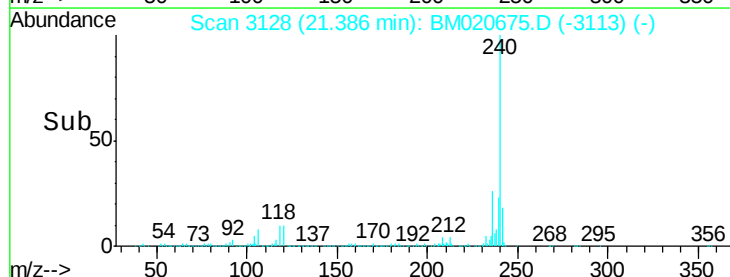
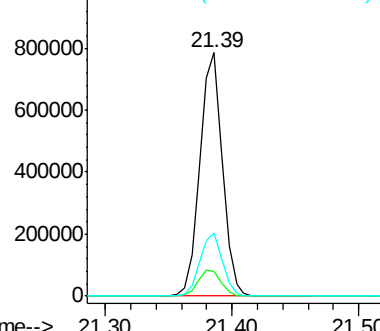
236 26.0 21.2 31.8

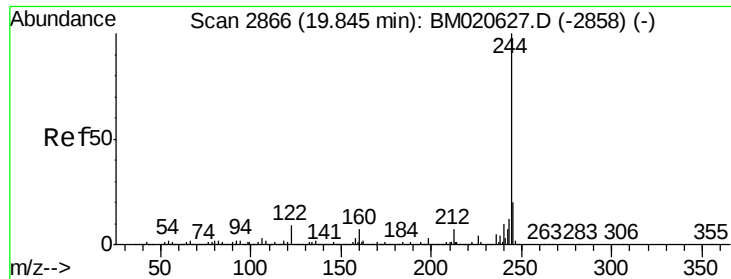


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.346 ng

RT: 19.83 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BM020675.D

Acq: 03 Jun 2019 17:40

Instrument :

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ClientSampleId :

PB120243BL

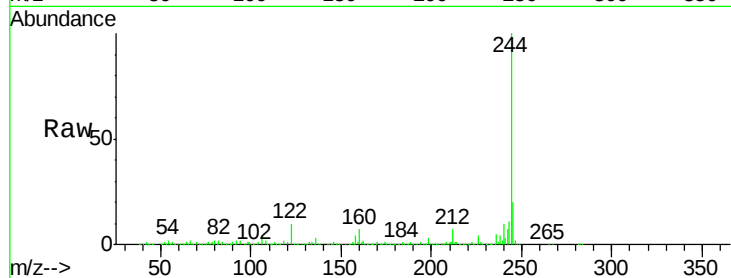
Tot Ion:244 Resp: 4197808

Ion Ratio Lower Upper

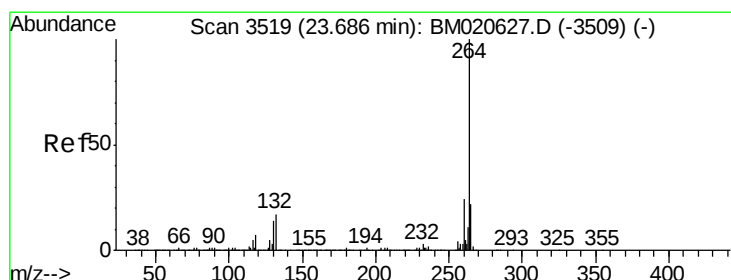
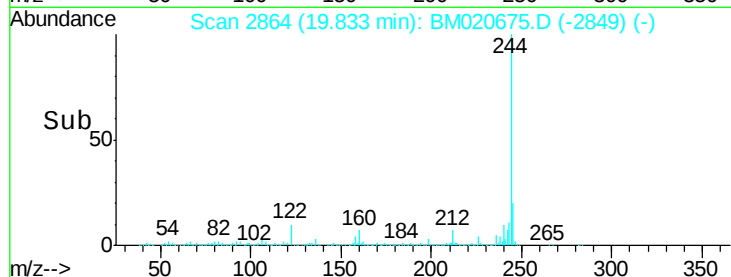
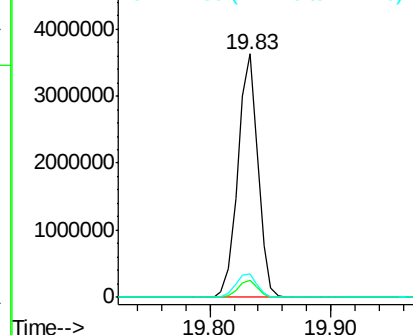
244 100

212 6.9 5.7 8.5

122 9.8 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: BM020675.D

Acq: 03 Jun 2019 17:40

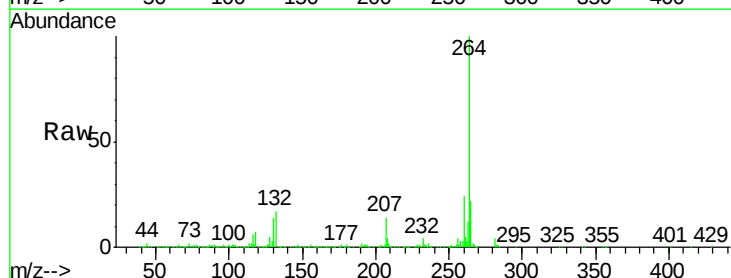
Tgt Ion:264 Resp: 1125238

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.3 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

