

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020719.D
 Acq On : 05 Jun 2019 02:42
 Operator : HP/JU
 Sample : PB120308TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120308TB

Quant Time: Jun 05 03:31:34 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

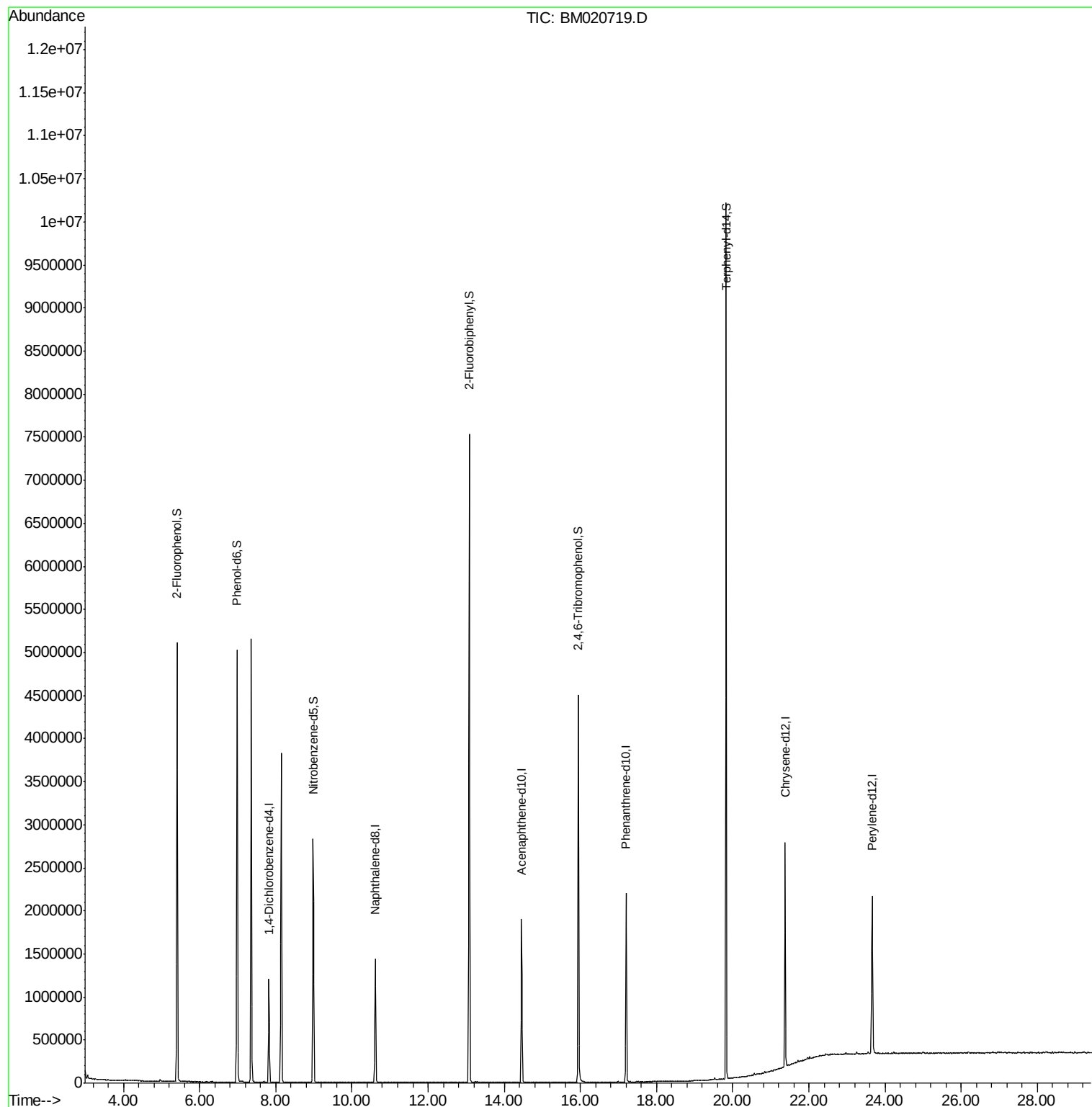
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	307164	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1189500	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	622765	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1258295	20.00	ng	-0.01
76) Chrysene-d12	21.37	240	1080134	20.00	ng	-0.02
87) Perylene-d12	23.66	264	1296248	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2035393	116.56	ng	0.00
7) Phenol-d6	6.99	99	2738274	106.50	ng	0.00
23) Nitrobenzene-d5	8.98	82	1678558	73.11	ng	-0.02
42) 2,4,6-Tribromophenol	15.95	330	851027	110.29	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	3682682	78.62	ng	-0.01
79) Terphenyl-d14	19.83	244	4361274	67.54	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.99	77	6075	Below Cal	Qvalue #	6

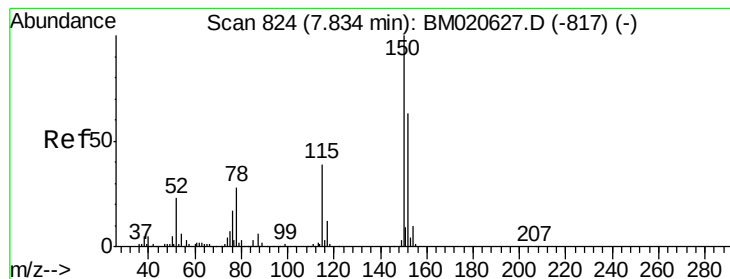
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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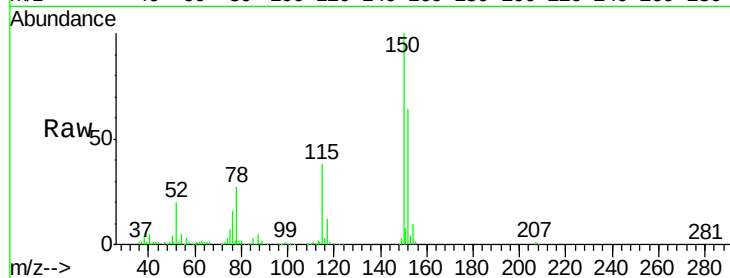


#1

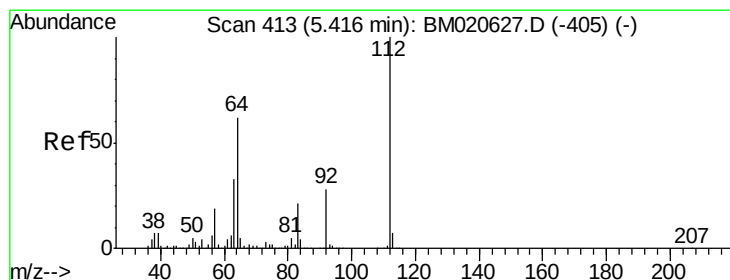
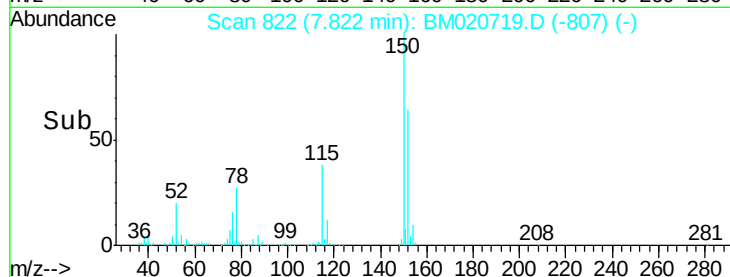
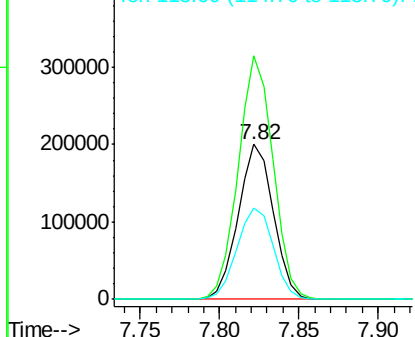
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.82 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM020719.D
 Acq: 05 Jun 2019 02:42

Instrument :
 BNA_M
 ClientSampleId :
 PB120308TB

Tgt Ion:152 Resp: 307164
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.0 189.0
 115 59.3 49.6 74.4



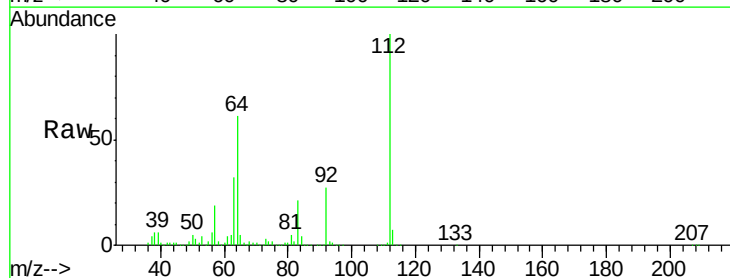
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



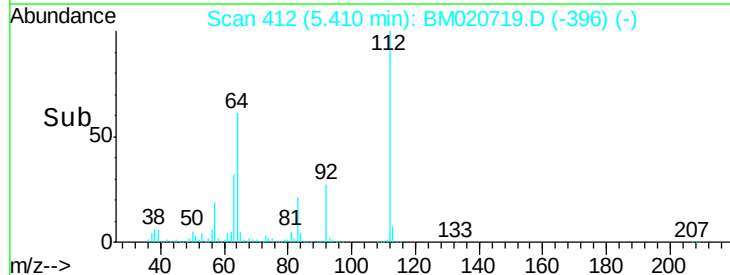
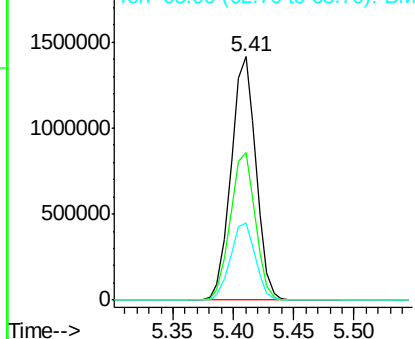
#5

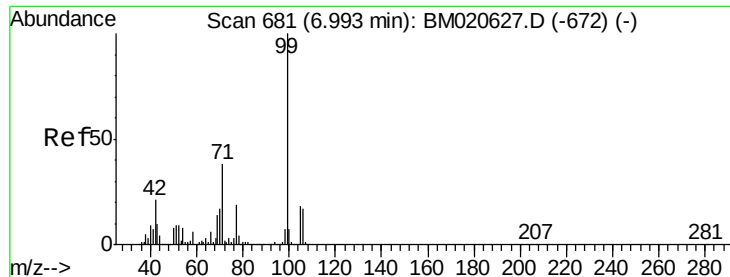
2-Fluorophenol
 Concen: 116.563 ng
 RT: 5.41 min Scan# 412
 Delta R.T. -0.01 min
 Lab File: BM020719.D
 Acq: 05 Jun 2019 02:42

Tgt Ion:112 Resp: 2035393
 Ion Ratio Lower Upper
 112 100
 64 60.7 49.7 74.5
 63 31.7 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: 106.499 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020719.D

Acq: 05 Jun 2019 02:42

Instrument :

BNA_M

ClientSampleId :

PB120308TB

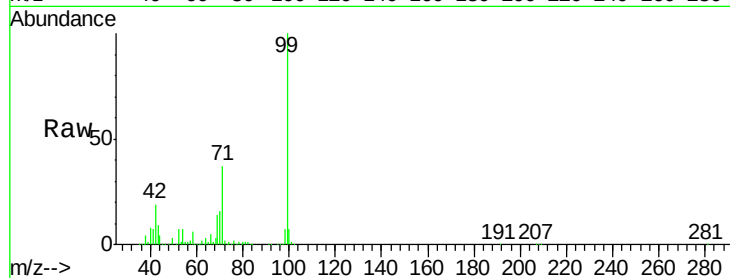
Tgt Ion: 99 Resp: 2738274

Ion Ratio Lower Upper

99 100

42 19.0 16.5 24.7

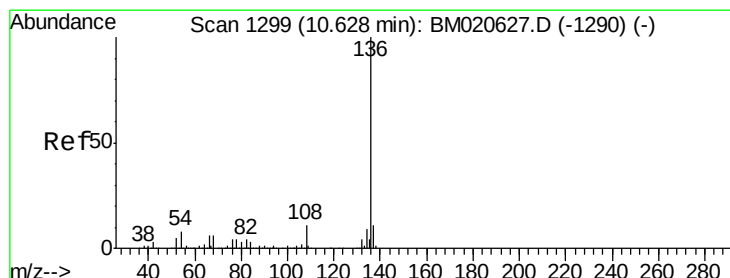
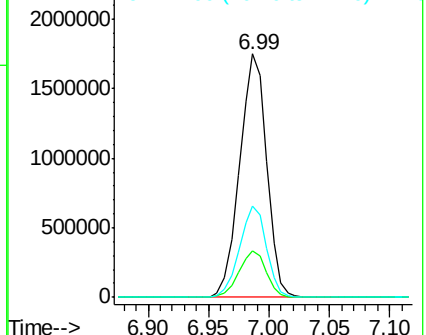
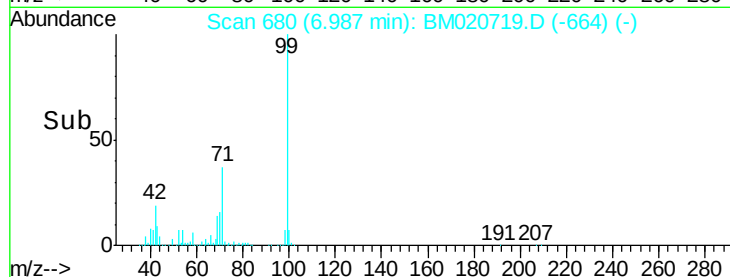
71 37.4 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020719.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020719.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020719.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020719.D

Acq: 05 Jun 2019 02:42

Tgt Ion: 136 Resp: 1189500

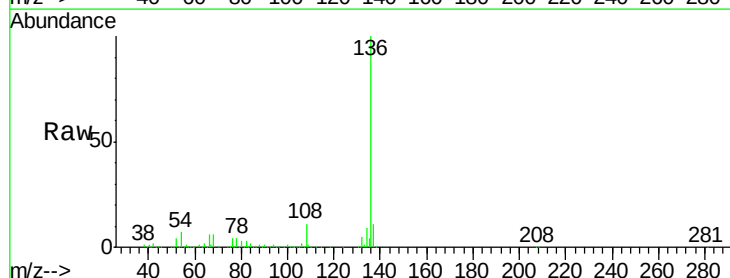
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.4 6.6 10.0

68 6.1 5.1 7.7

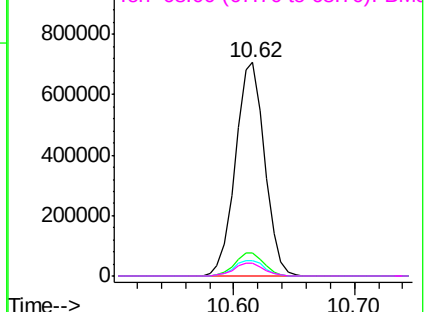
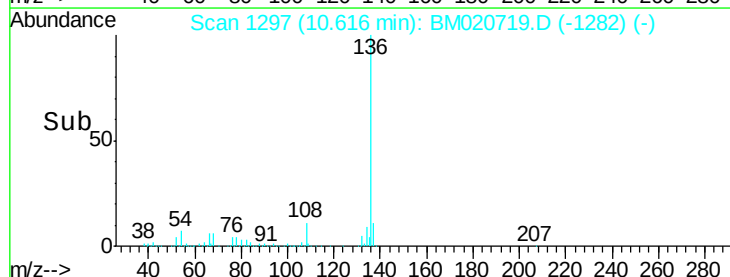


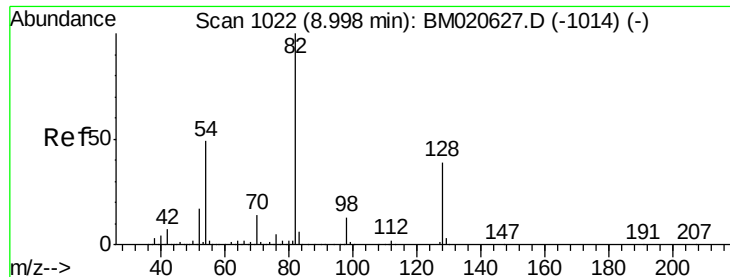
Abundance Ion 136.00 (135.70 to 136.70): BM020719.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020719.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020719.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020719.D (-1282) (-)

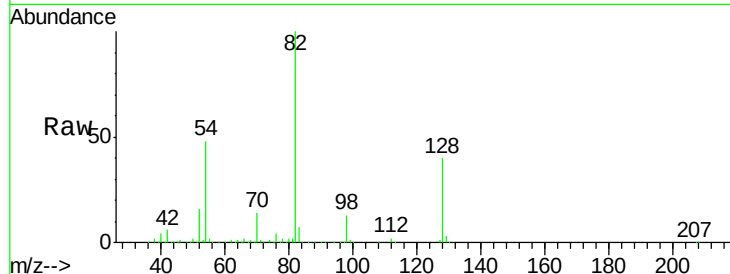




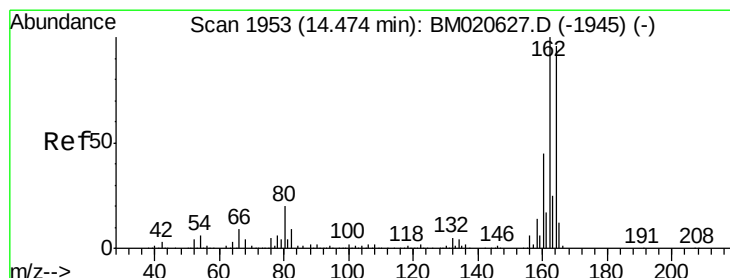
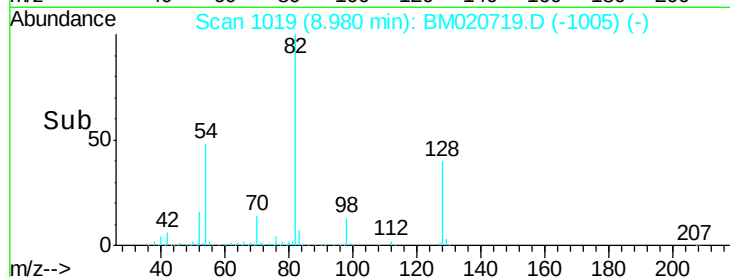
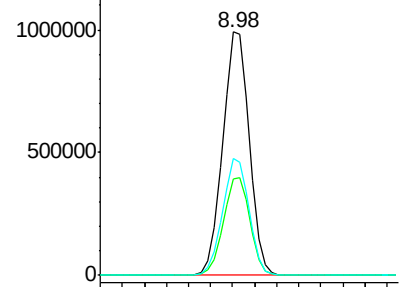
#23
Nitrobenzene-d5
Concen: 73.114 ng
RT: 8.98 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BM020719.D
Acq: 05 Jun 2019 02:42

Instrument :
BNA_M
ClientSampleId :
PB120308TB

Tgt Ion: 82 Resp: 1678558
Ion Ratio Lower Upper
82 100
128 39.8 31.5 47.3
54 48.1 39.4 59.0

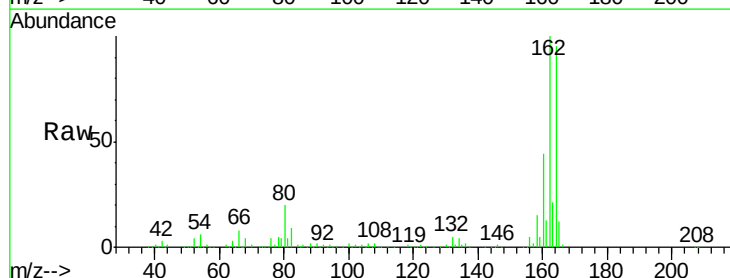


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

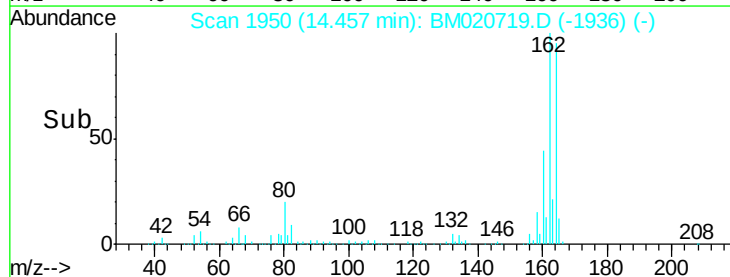
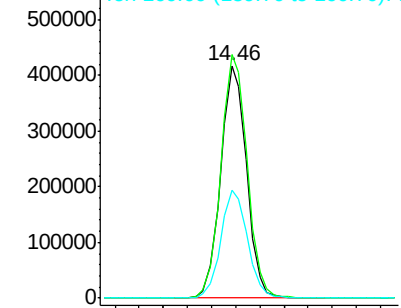


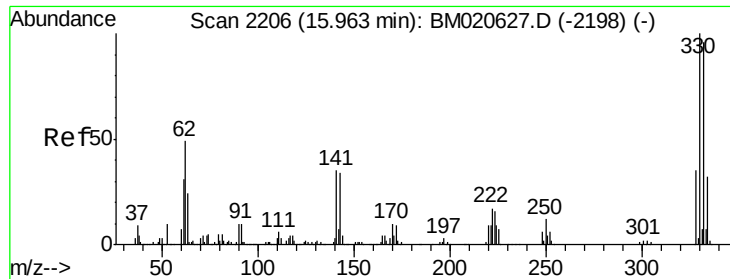
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BM020719.D
Acq: 05 Jun 2019 02:42

Tgt Ion: 164 Resp: 622765
Ion Ratio Lower Upper
164 100
162 104.8 83.2 124.8
160 46.4 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

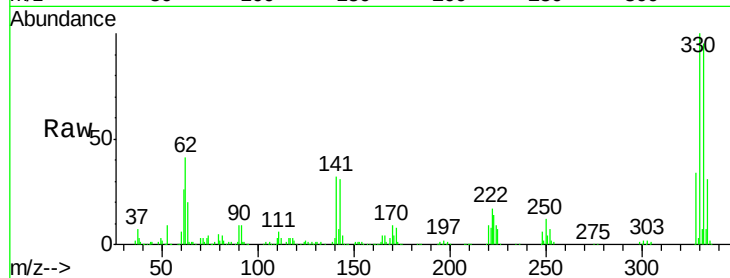




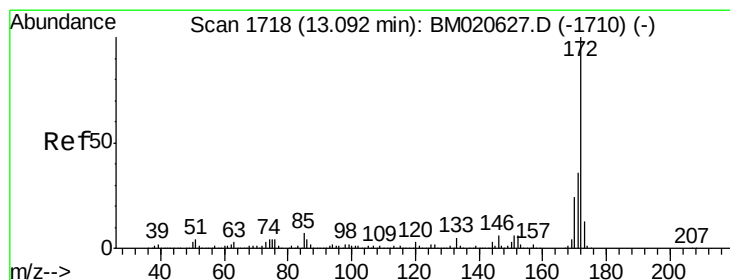
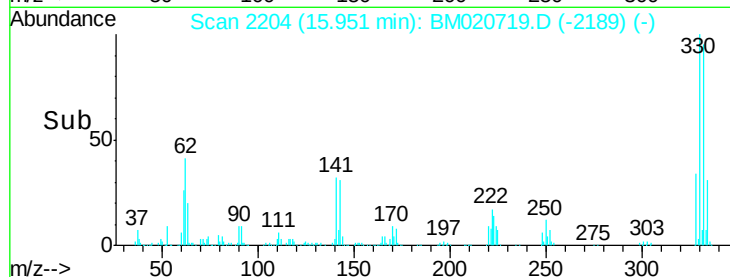
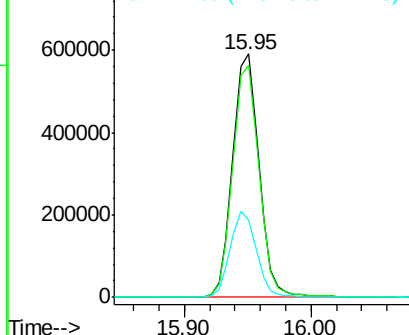
#42
 2,4,6-Tribromophenol
 Concen: 110.294 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM020719.D
 Acq: 05 Jun 2019 02:42

Instrument :
 BNA_M
 ClientSampleId :
 PB120308TB

Tgt Ion:330 Resp: 851027
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.0
 141 35.4 30.4 45.6

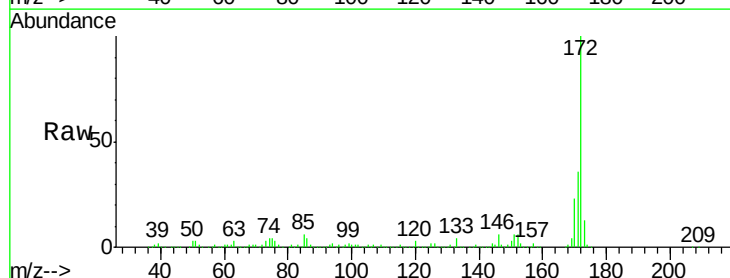


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

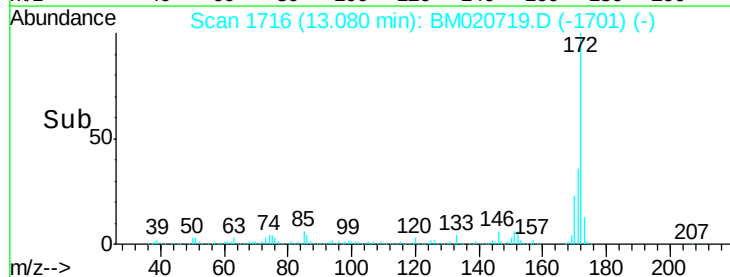
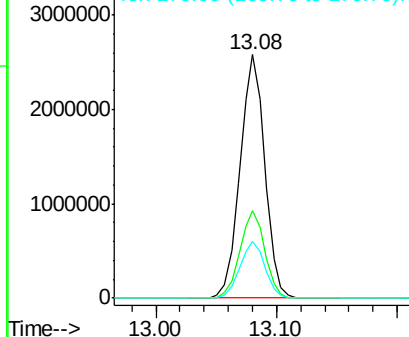


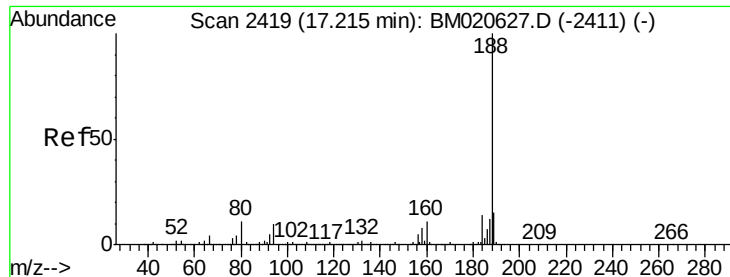
#45
 2-Fluorobiphenyl
 Concen: 78.616 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM020719.D
 Acq: 05 Jun 2019 02:42

Tgt Ion:172 Resp: 3682682
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.3 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

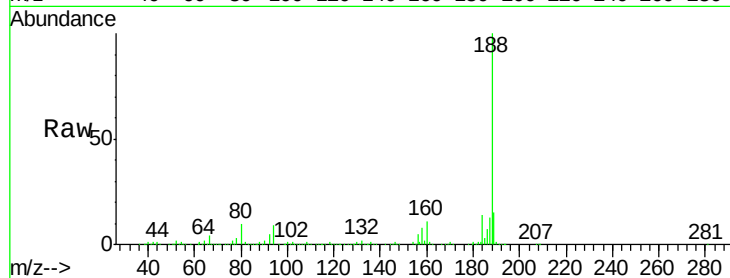




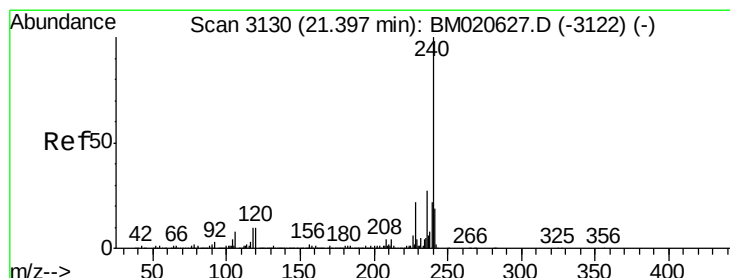
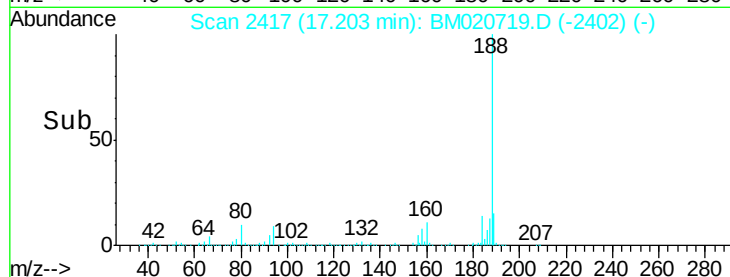
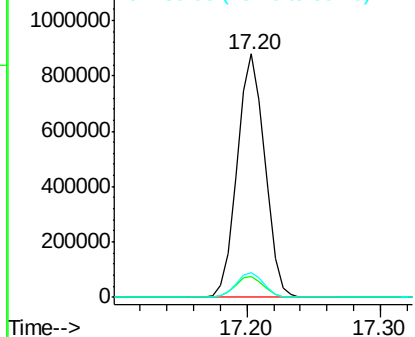
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020719.D
Acq: 05 Jun 2019 02:42

Instrument :
BNA_M
ClientSampleId :
PB120308TB

Tgt Ion:188 Resp: 1258295
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.8
80 10.2 9.0 13.6

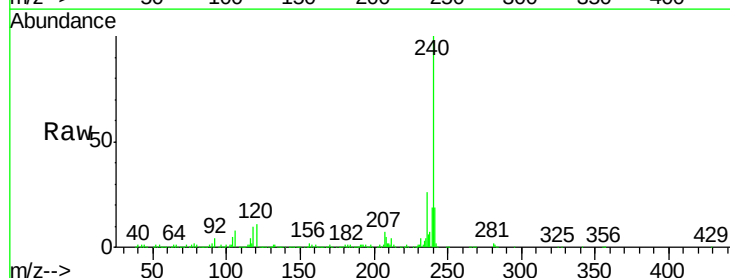


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

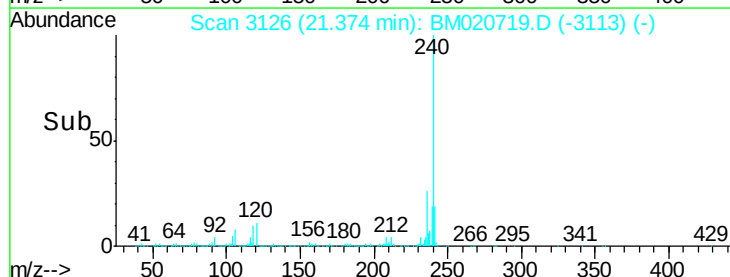
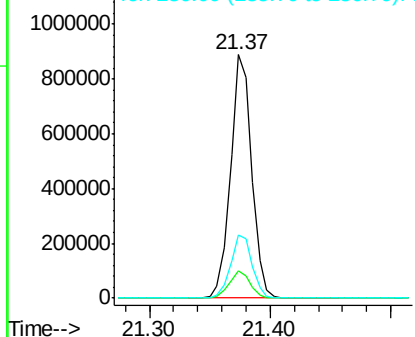


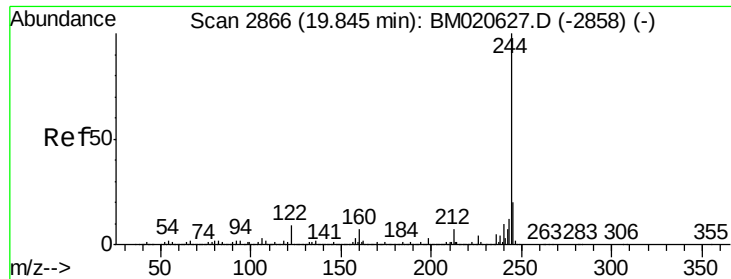
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM020719.D
Acq: 05 Jun 2019 02:42

Tgt Ion:240 Resp: 1080134
Ion Ratio Lower Upper
240 100
120 11.3 8.2 12.2
236 26.2 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: 67.537 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020719.D

Acq: 05 Jun 2019 02:42

Instrument :

BNA_M

ClientSampleId :

PB120308TB

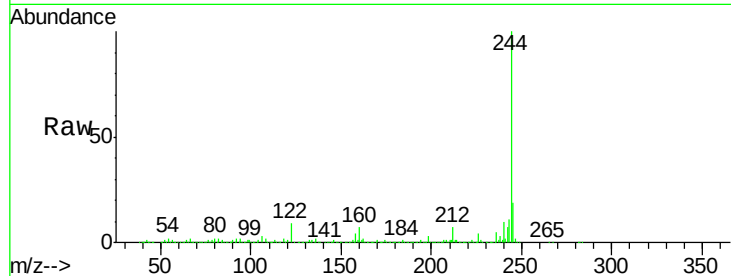
Tgt Ion:244 Resp: 4361274

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

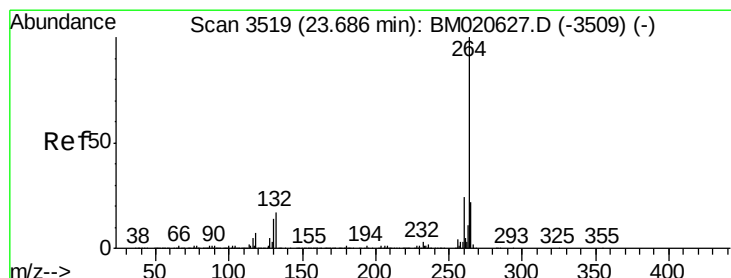
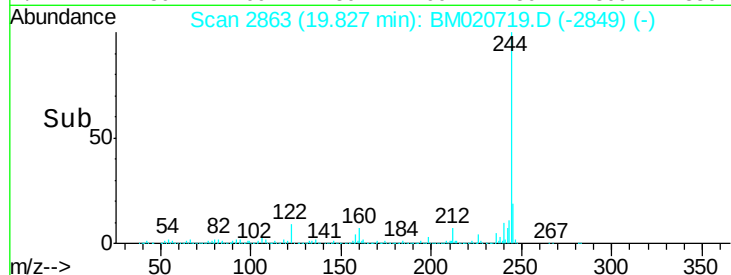
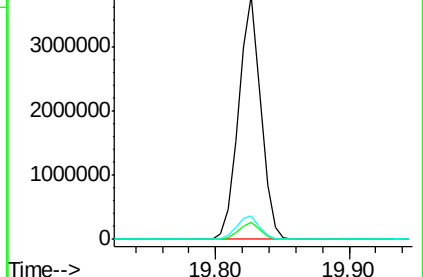
122 9.4 7.2 10.8



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: 23.66 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BM020719.D

Acq: 05 Jun 2019 02:42

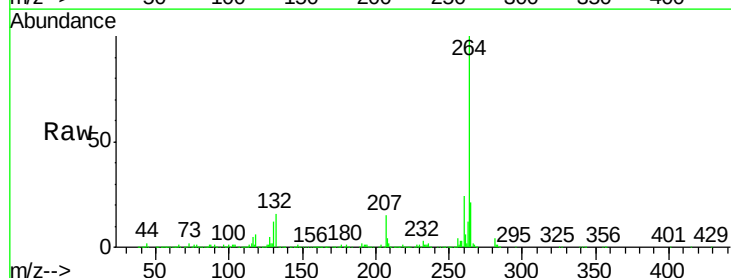
Tgt Ion:264 Resp: 1296248

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.1 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

