

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020664.D
 Acq On : 03 Jun 2019 11:04
 Operator : HP/JU
 Sample : PB120182TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120182TB

Quant Time: Jun 04 05:20:46 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	276410	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1096424	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	614095	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1257625	20.00	ng	0.00
76) Chrysene-d12	21.39	240	937450	20.00	ng	-0.01
87) Perylene-d12	23.68	264	1029174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1995307	126.98	ng	0.00
7) Phenol-d6	6.99	99	2768501	119.65	ng	0.00
23) Nitrobenzene-d5	8.99	82	1684348	79.59	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	914244	120.16	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	3782106	81.88	ng	0.00
79) Terphenyl-d14	19.83	244	4565093	81.45	ng	-0.01

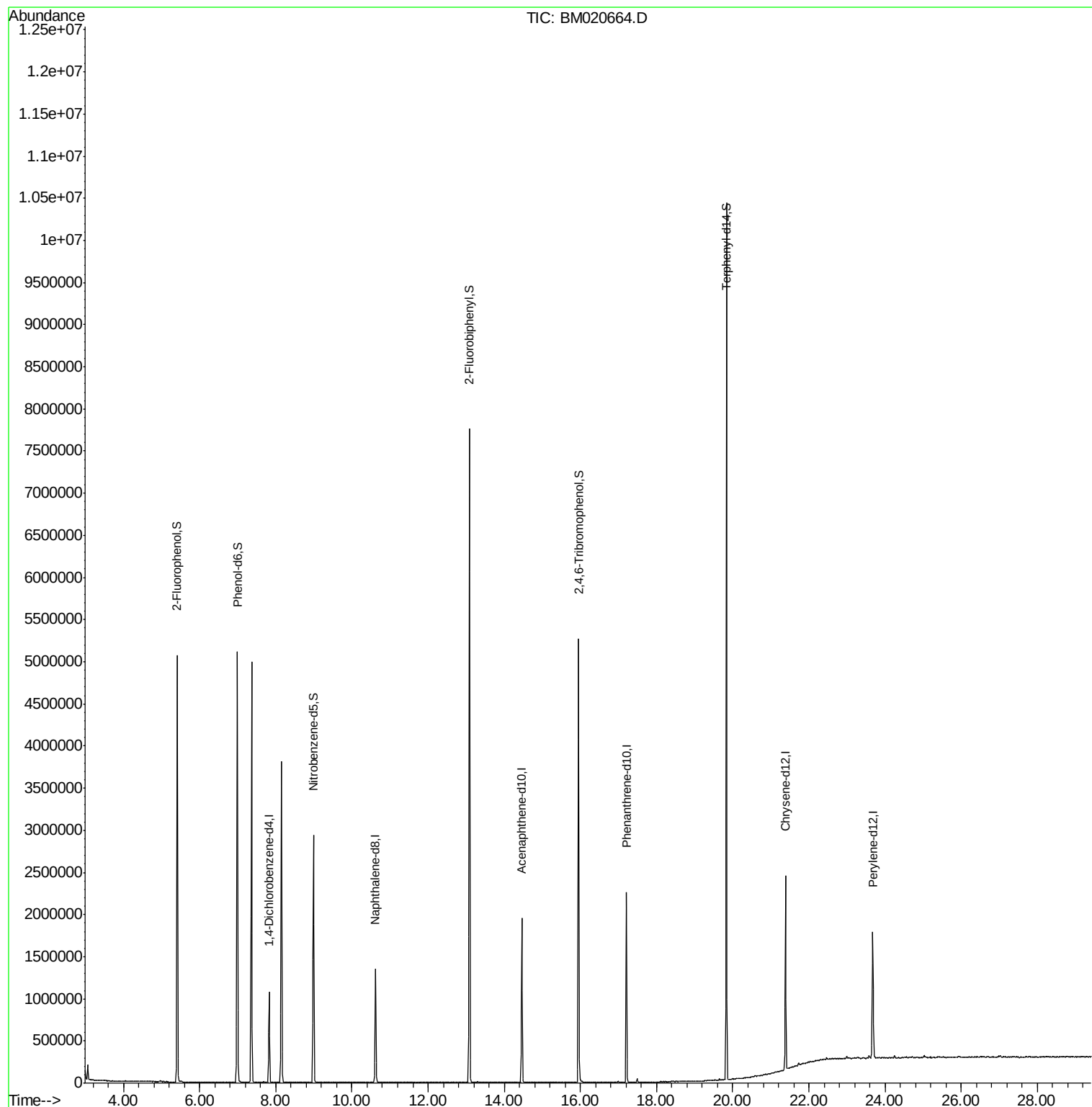
Target Compounds Qvalue

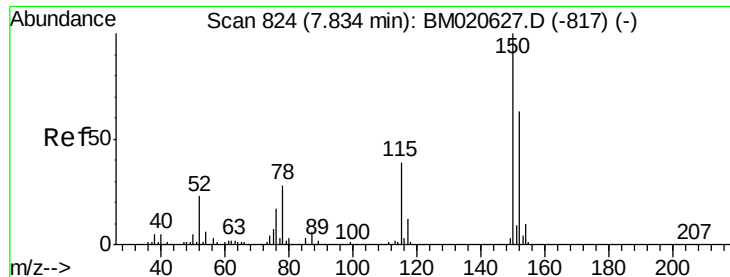
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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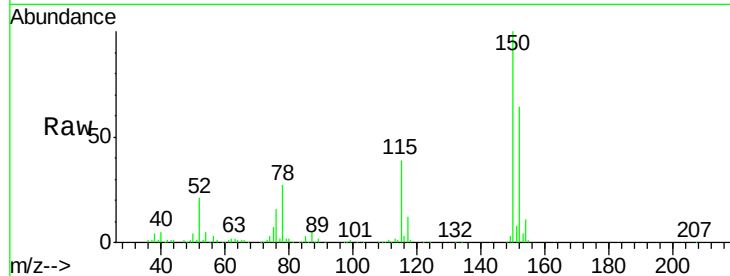


#1

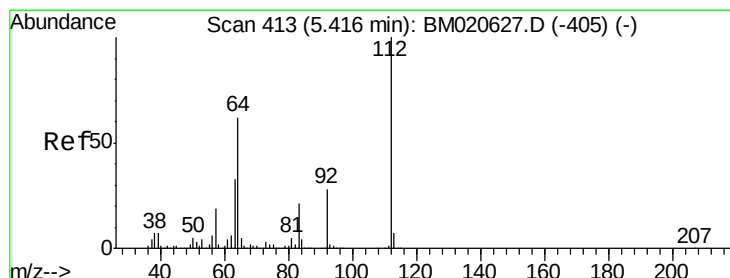
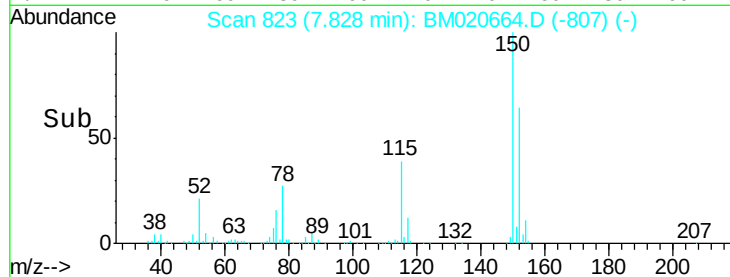
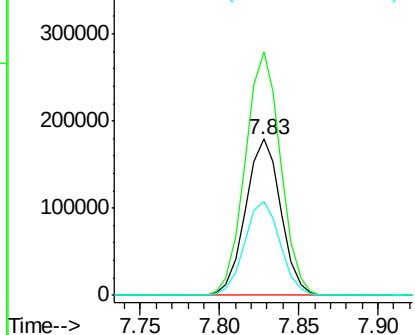
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020664.D
Acq: 03 Jun 2019 11:04

Instrument :
BNA_M
ClientSampleId :
PB120182TB

Tot Ion:152 Resp: 276410
Ion Ratio Lower Upper
152 100
150 155.7 126.0 189.0
115 60.0 49.6 74.4



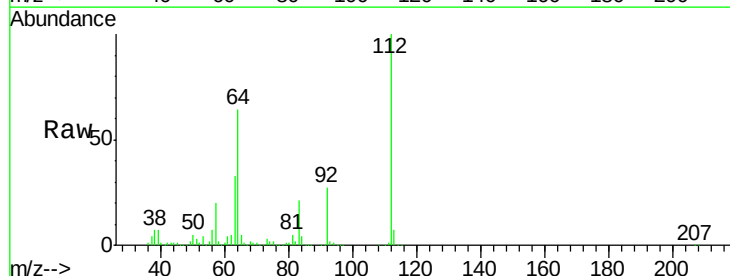
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



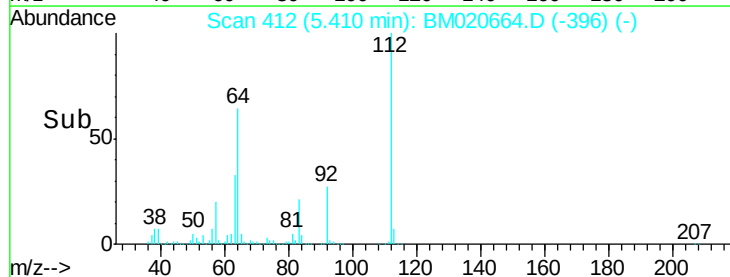
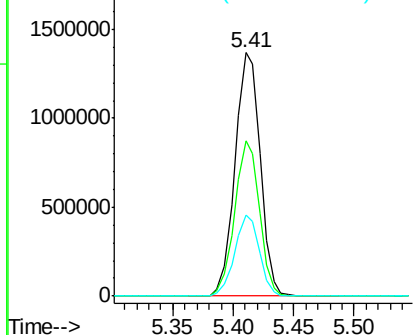
#5

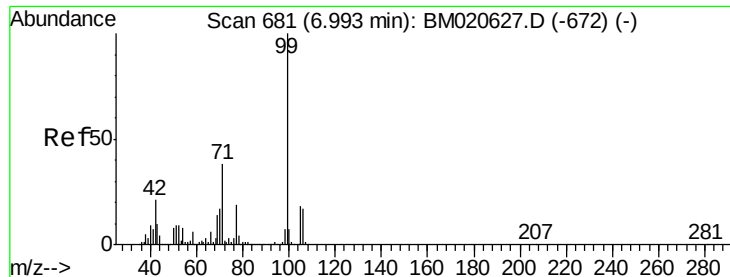
2-Fluorophenol
Concen: 126.981 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020664.D
Acq: 03 Jun 2019 11:04

Tgt Ion:112 Resp: 1995307
Ion Ratio Lower Upper
112 100
64 63.5 49.7 74.5
63 33.4 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: 119.654 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020664.D

Acq: 03 Jun 2019 11:04

Instrument :

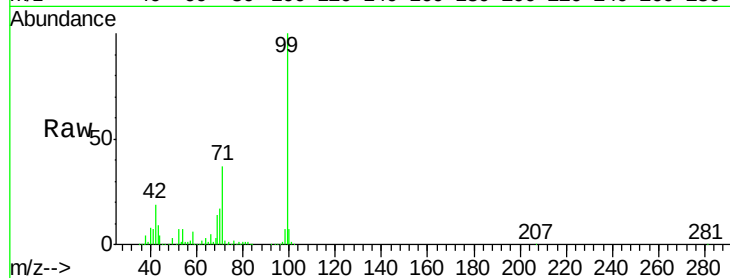
BNA_M

ClientSampleId :

PB120182TB

Tot Ion: 99 Resp: 2768501

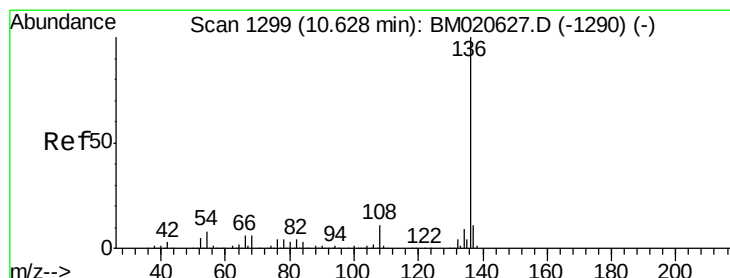
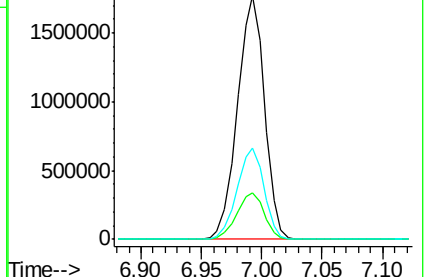
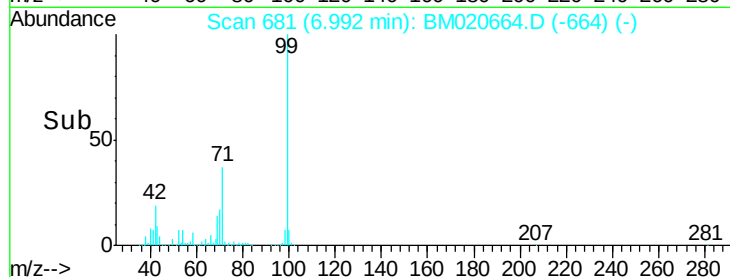
Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.5	24.7
71	37.3	30.7	46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020664.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020664.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020664.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

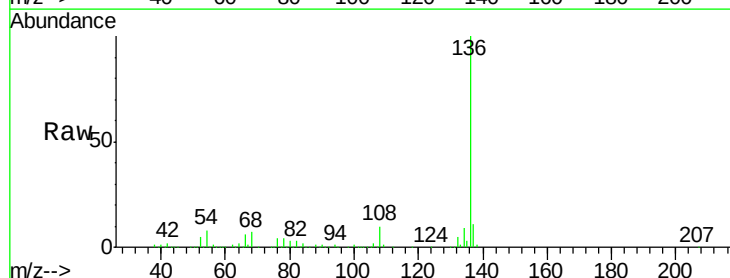
Delta R.T. -0.01 min

Lab File: BM020664.D

Acq: 03 Jun 2019 11:04

Tgt Ion: 136 Resp: 1096424

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.8	6.6	10.0
68	6.5	5.1	7.7

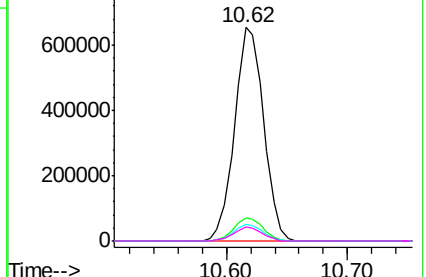
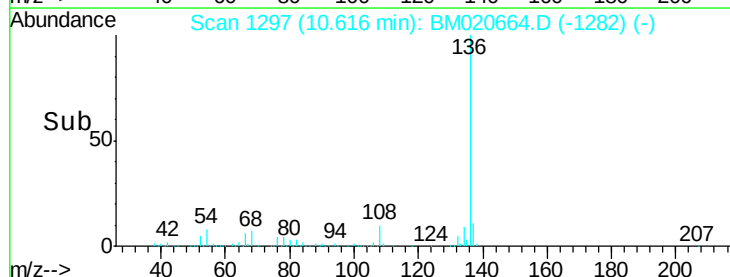


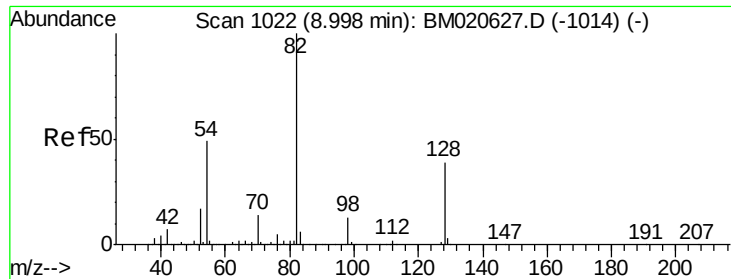
Abundance Ion 136.00 (135.70 to 136.70): BM020664.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020664.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020664.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020664.D (-1282) (-)

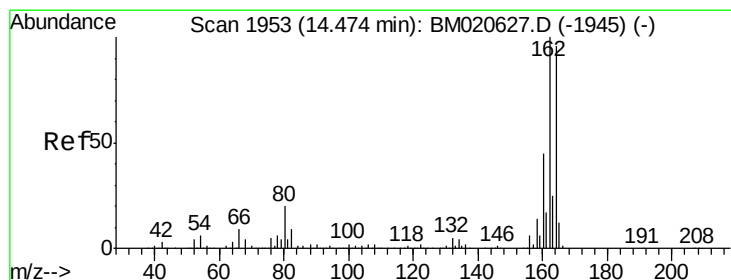
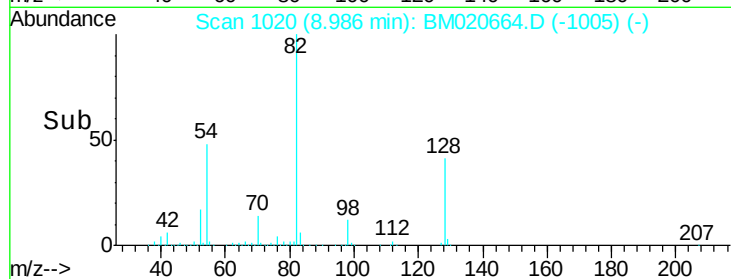
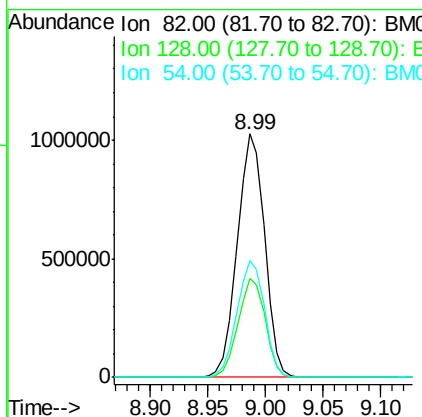
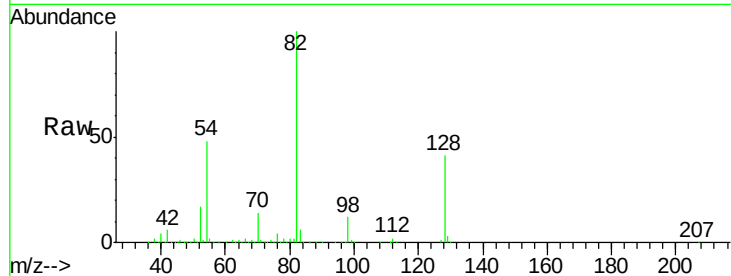




#23
Nitrobenzene-d5
Concen: 79.594 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020664.D
Acq: 03 Jun 2019 11:04

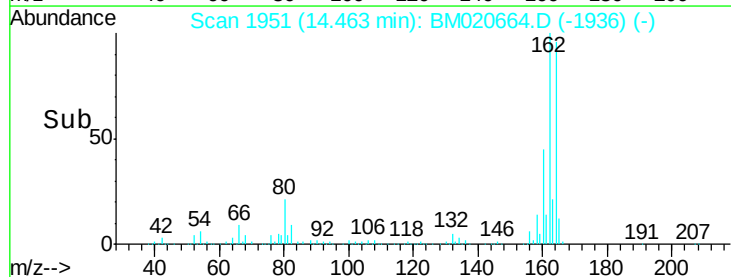
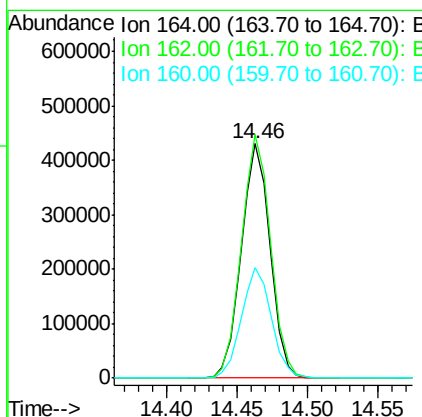
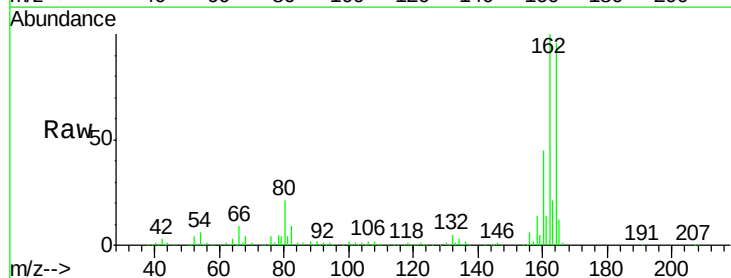
Instrument :
BNA_M
ClientSampleId :
PB120182TB

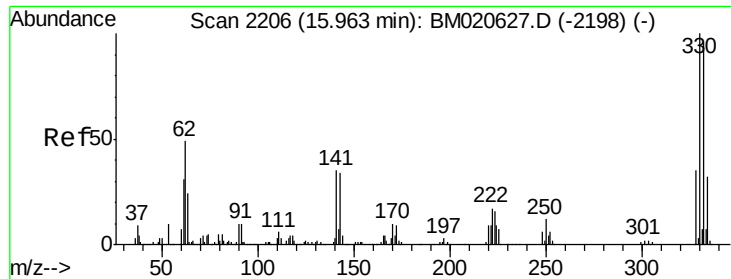
Tot Ion: 82 Resp: 1684348
Ion Ratio Lower Upper
82 100
128 40.8 31.5 47.3
54 48.1 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020664.D
Acq: 03 Jun 2019 11:04

Tgt Ion:164 Resp: 614095
Ion Ratio Lower Upper
164 100
162 103.9 83.2 124.8
160 46.9 37.5 56.3





#42

2,4,6-Tribromophenol

Concen: 120.160 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020664.D

Acq: 03 Jun 2019 11:04

Instrument :

BNA_M

ClientSampleId :

PB120182TB

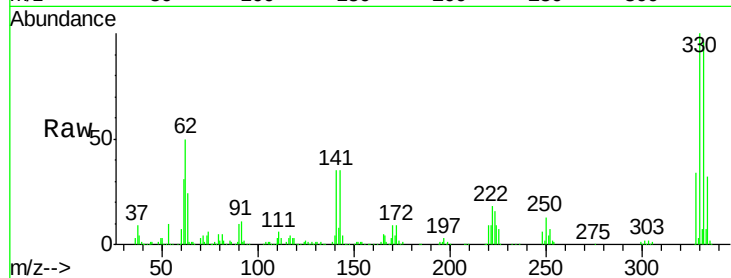
Tot Ion:330 Resp: 914244

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

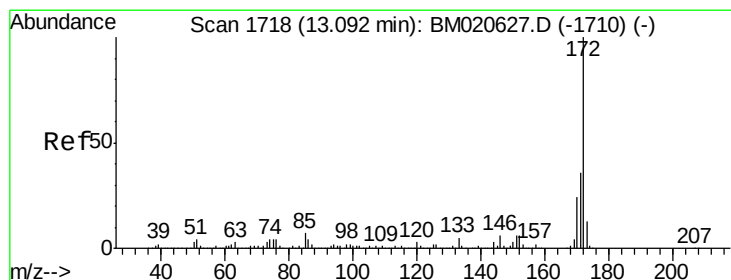
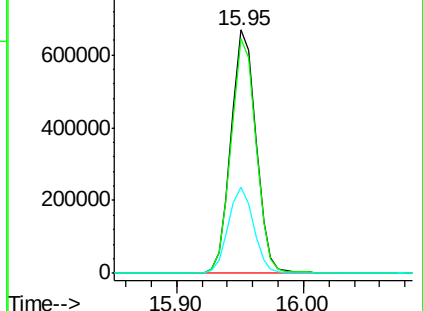
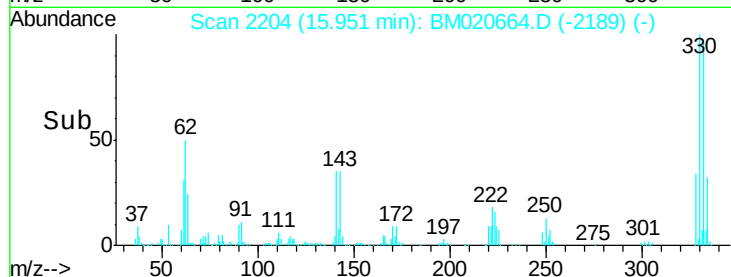
141 36.2 30.4 45.6



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: 81.879 ng

RT: 13.09 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BM020664.D

Acq: 03 Jun 2019 11:04

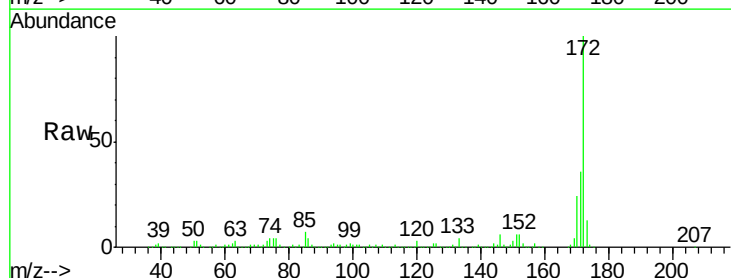
Tgt Ion:172 Resp: 3782106

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

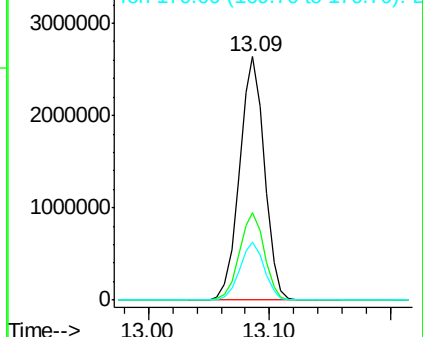
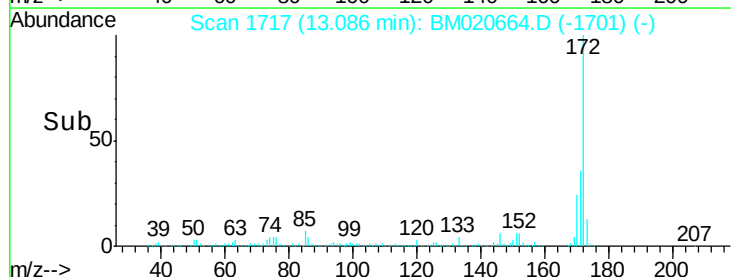
170 23.6 18.9 28.3

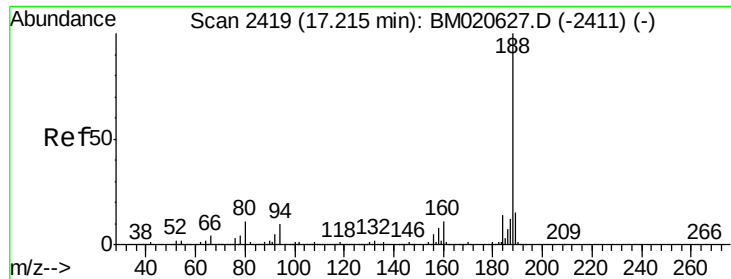


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM020664.D

Acq: 03 Jun 2019 11:04

Instrument :

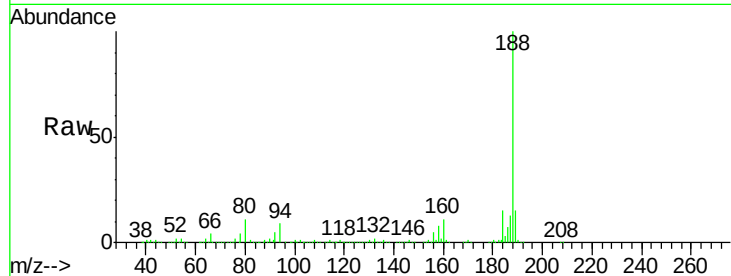
BNA_M

ClientSampleId :

PB120182TB

Tot Ion:188 Resp: 1257625

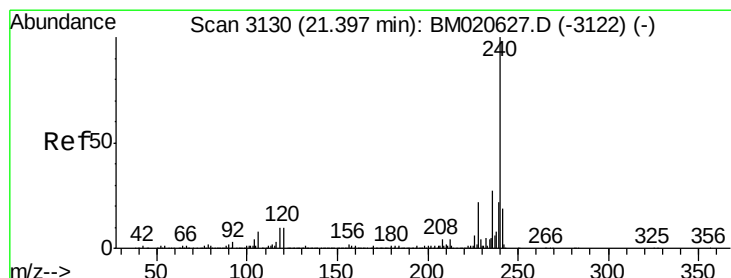
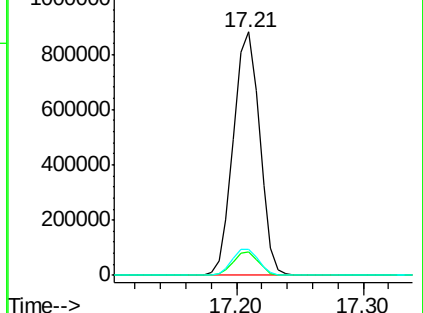
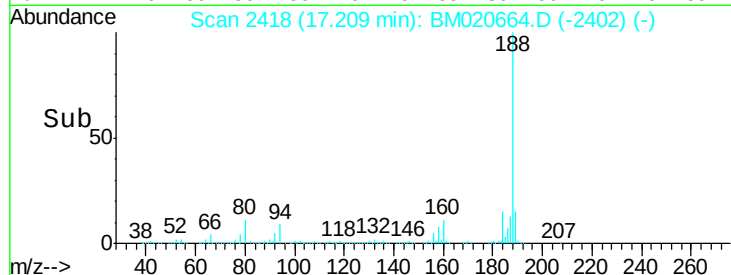
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.8	11.8
80	10.8	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.39 min Scan# 3128

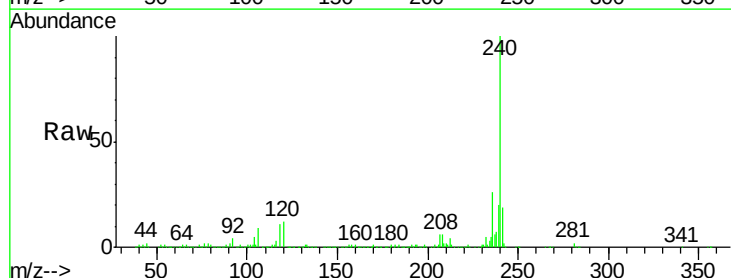
Delta R.T. -0.01 min

Lab File: BM020664.D

Acq: 03 Jun 2019 11:04

Tgt Ion:240 Resp: 937450

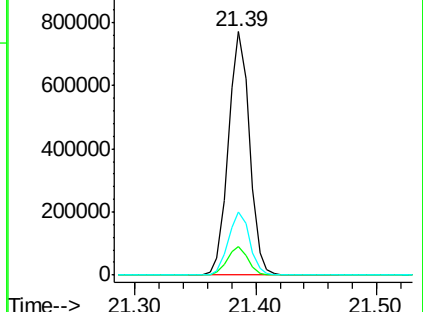
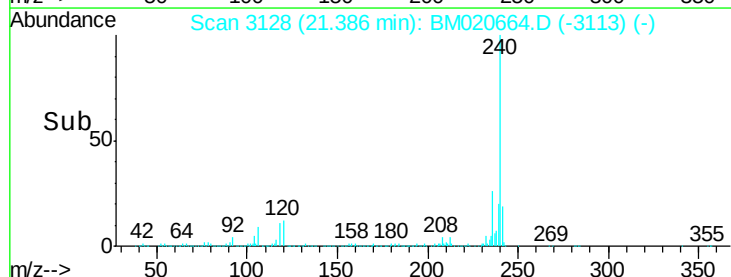
Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.2	12.2
236	26.0	21.2	31.8

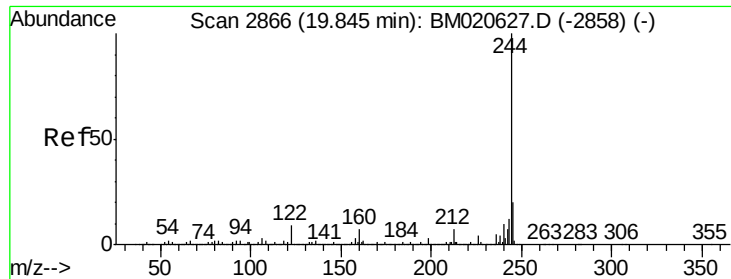


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

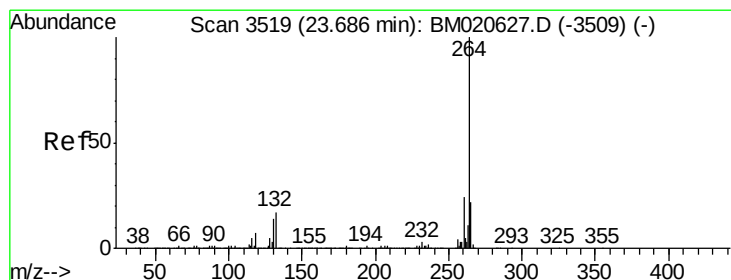
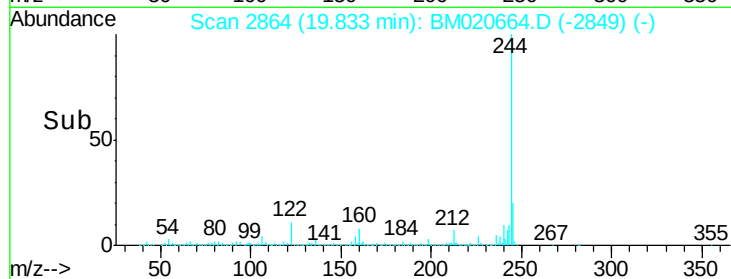
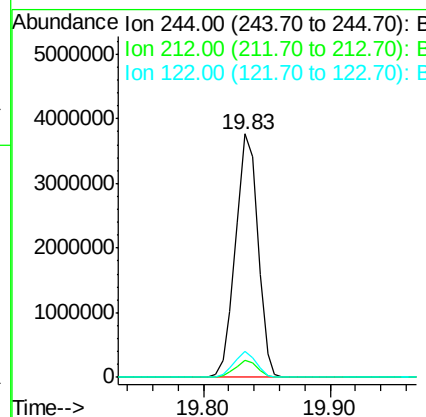
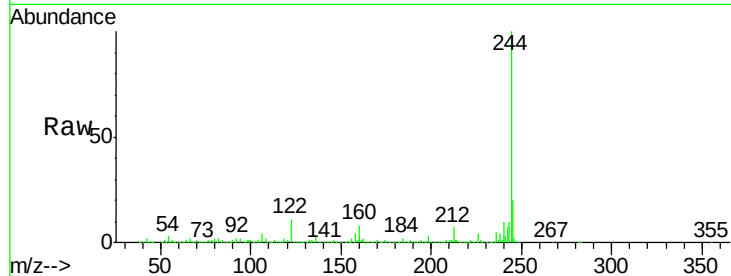




#79
 Terphenyl-d14
 Concen: 81.453 ng
 RT: 19.83 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BM020664.D
 Acq: 03 Jun 2019 11:04

Instrument :
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Tot Ion:244 Resp: 4565093
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.6 7.2 10.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.68 min Scan# 3518
 Delta R.T. -0.01 min
 Lab File: BM020664.D
 Acq: 03 Jun 2019 11:04

Tgt Ion:264 Resp: 1029174
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.2 17.6 26.4

