

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020683.D
 Acq On : 03 Jun 2019 22:30
 Operator : HP/JU
 Sample : PB120177BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BL

Quant Time: Jun 04 06:54:00 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	238565	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	895765	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	457311	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	897802	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	779545	20.00	ng	-0.02
87) Perylene-d12	23.67	264	953433	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1139590	84.03	ng	0.00
7) Phenol-d6	6.99	99	1485320	74.38	ng	0.00
23) Nitrobenzene-d5	8.99	82	1396473	80.77	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	404950	71.47	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	2904147	84.43	ng	-0.01
79) Terphenyl-d14	19.83	244	3074654	65.97	ng	-0.02

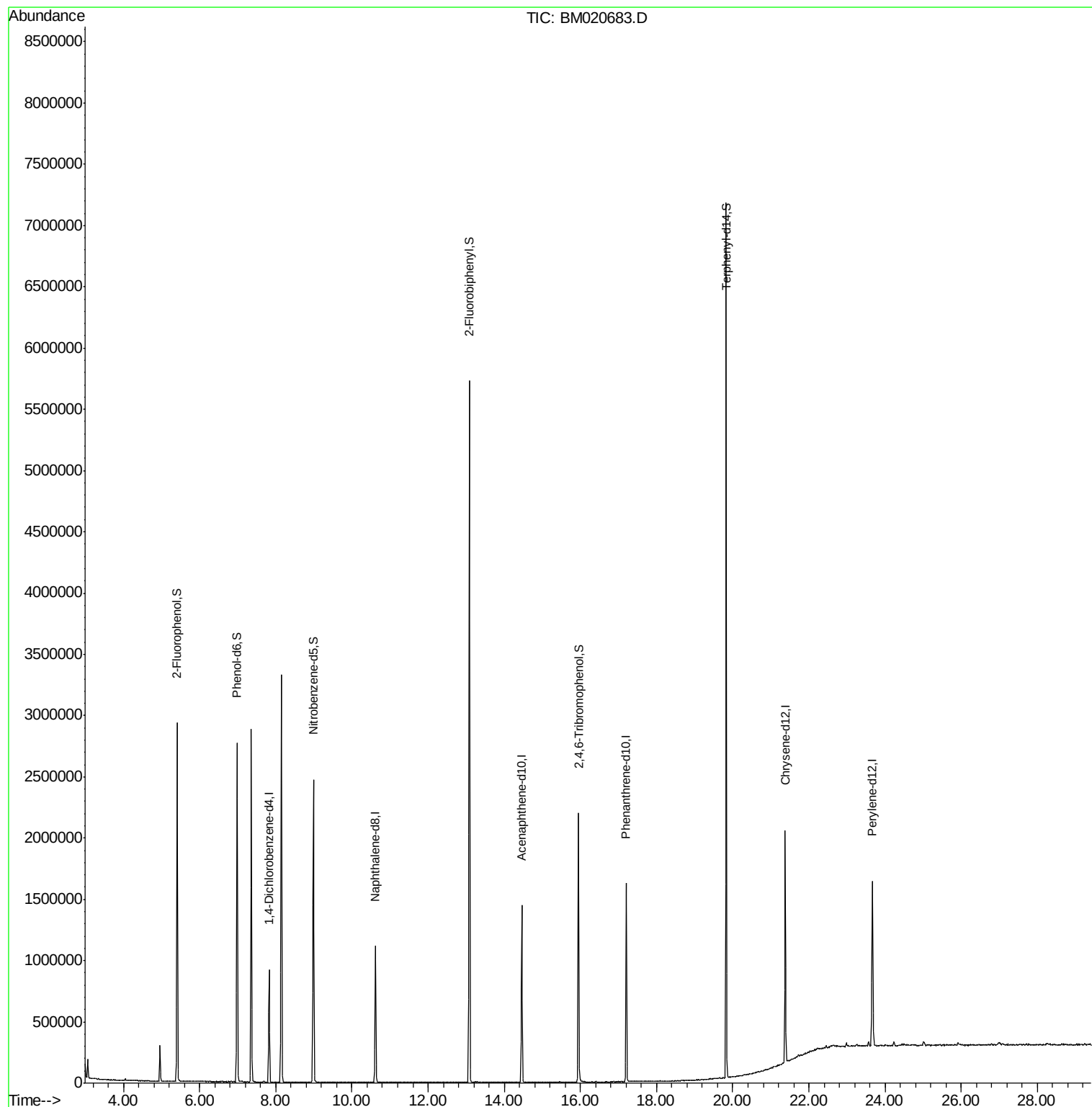
Target Compounds Qvalue

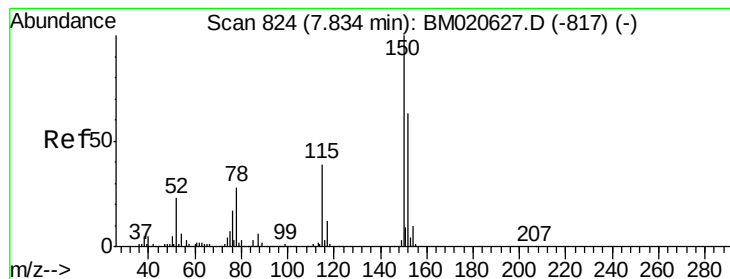
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM020683.D

Acq: 03 Jun 2019 22:30

Instrument :

BNA_M

ClientSampleId :

PB120177BL

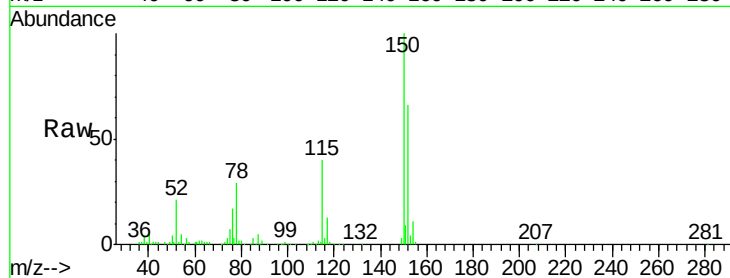
Tot Ion:152 Resp: 238565

Ion Ratio Lower Upper

152 100

150 152.2 126.0 189.0

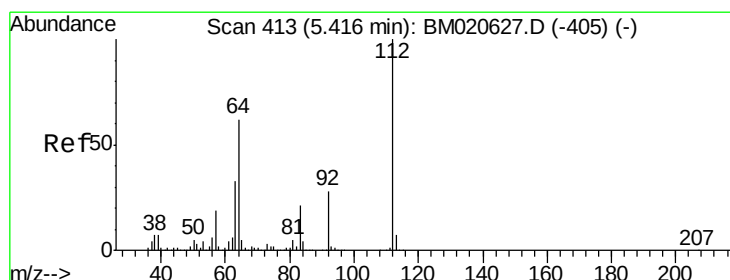
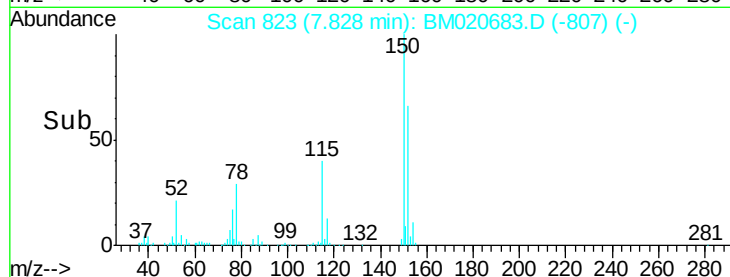
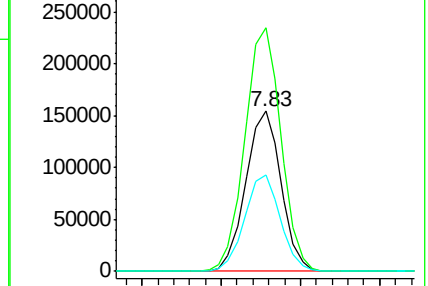
115 60.2 49.6 74.4



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: 84.028 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020683.D

Acq: 03 Jun 2019 22:30

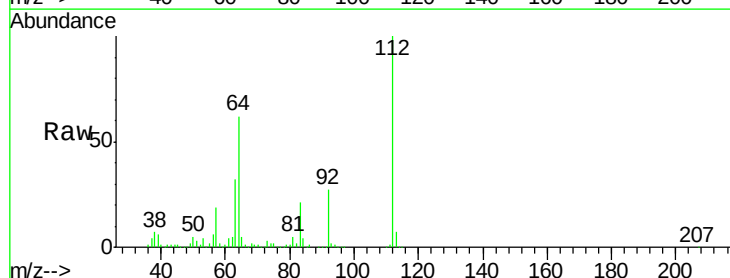
Tgt Ion:112 Resp: 1139590

Ion Ratio Lower Upper

112 100

64 62.1 49.7 74.5

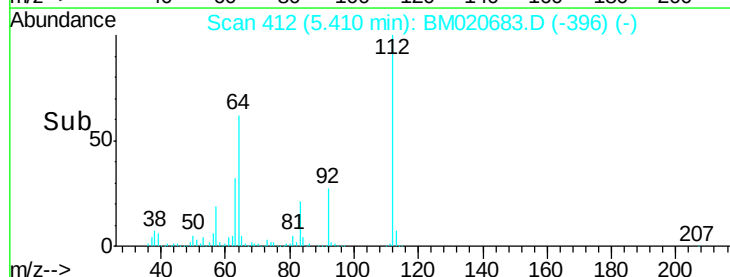
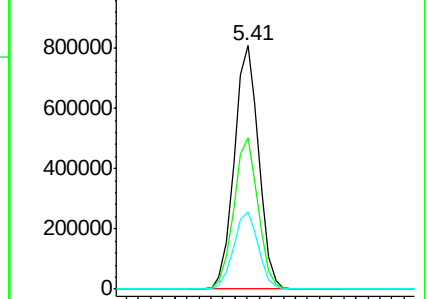
63 31.9 26.4 39.6

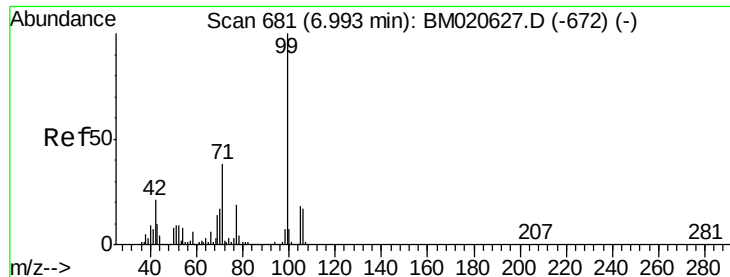


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 74.379 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020683.D

Acq: 03 Jun 2019 22:30

Instrument :

BNA_M

ClientSampleId :

PB120177BL

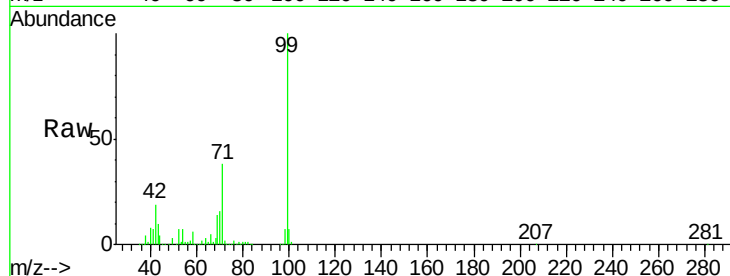
Tot Ion: 99 Resp: 1485320

Ion Ratio Lower Upper

99 100

42 19.4 16.5 24.7

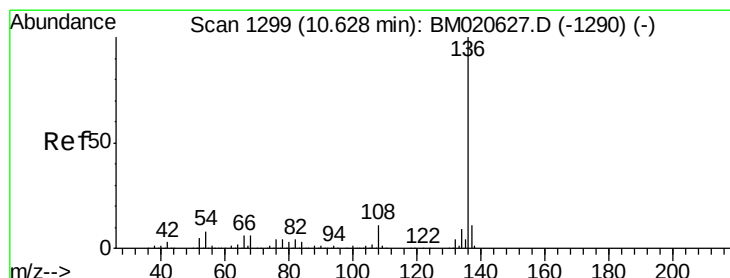
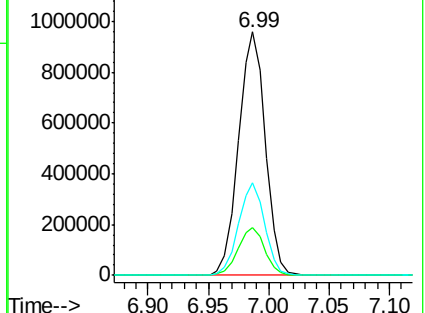
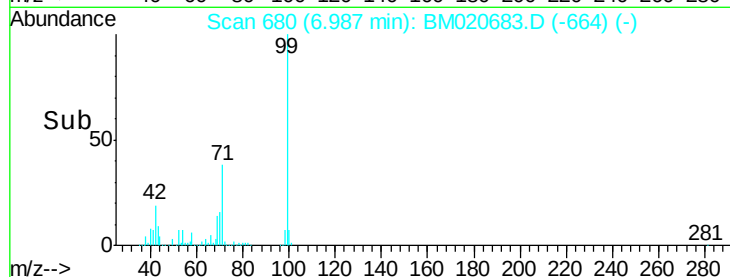
71 37.9 30.7 46.1



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: BM020683.D

Acq: 03 Jun 2019 22:30

Tgt Ion: 136 Resp: 895765

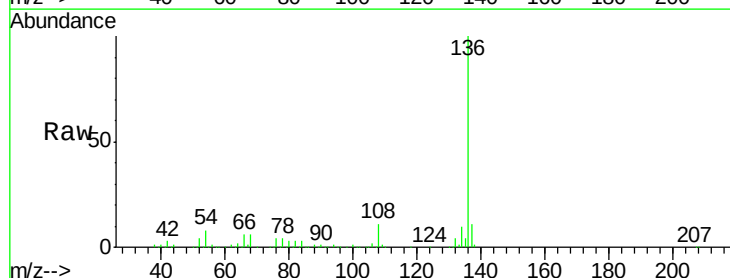
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.0 6.6 10.0

68 6.4 5.1 7.7

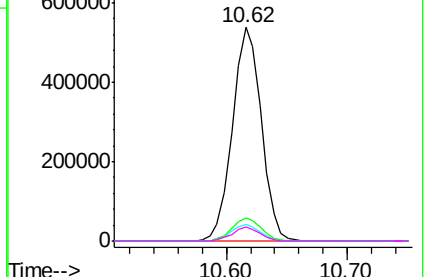
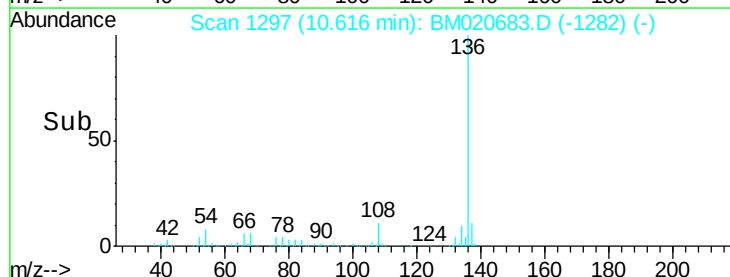


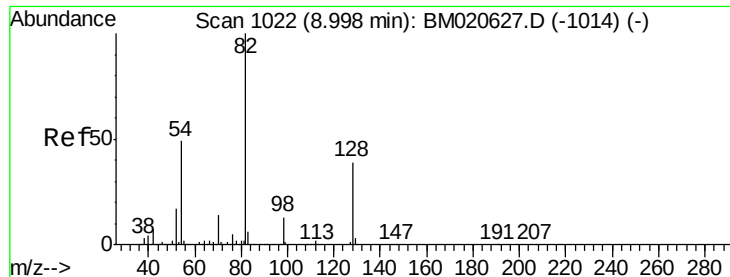
Abundance Ion 136.00 (135.70 to 136.70): BM020627.D (-1290) (-)

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) (-)

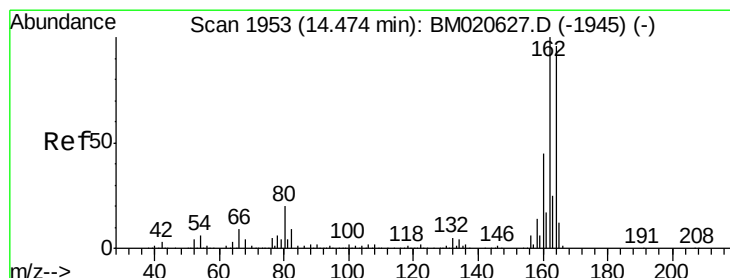
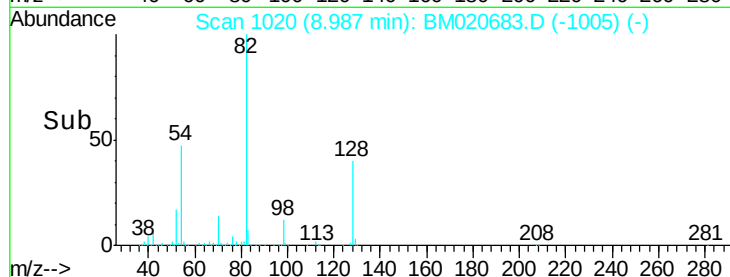
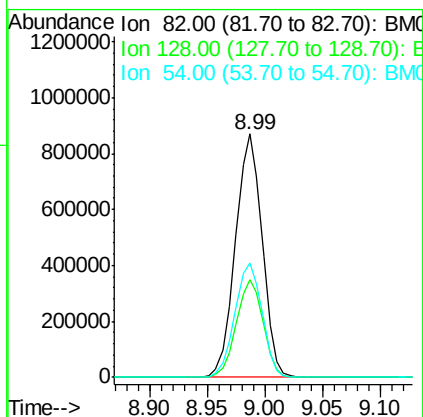
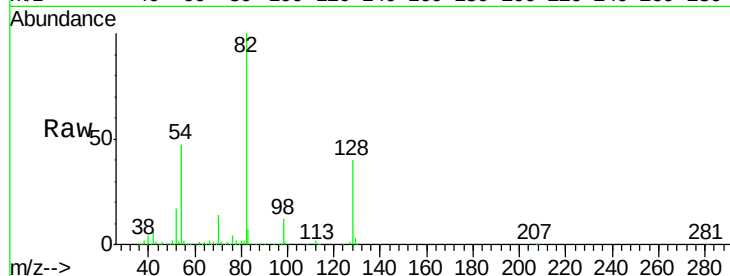




#23
Nitrobenzene-d5
Concen: 80.773 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020683.D
Acq: 03 Jun 2019 22:30

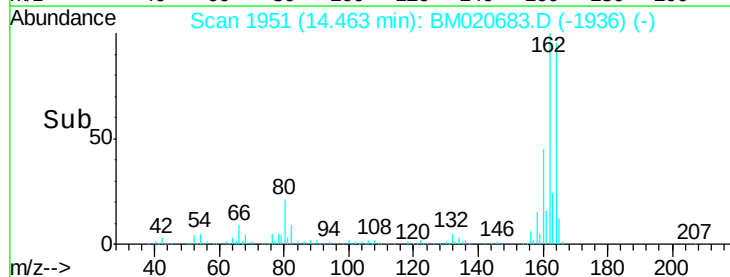
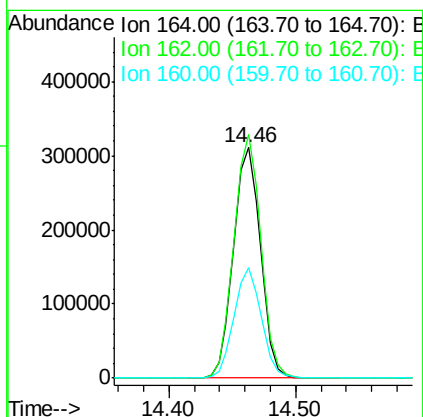
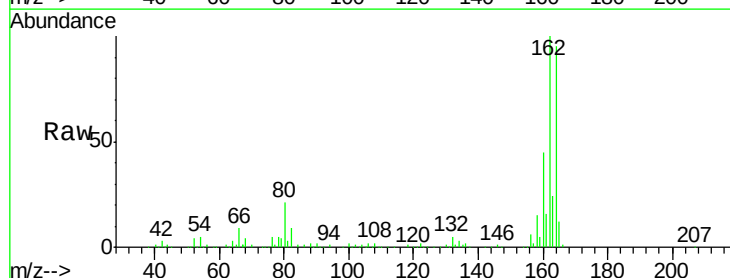
Instrument :
BNA_M
ClientSampleId :
PB120177BL

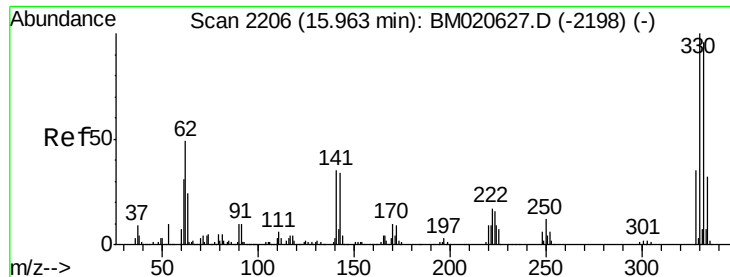
Tot Ion: 82 Resp: 1396473
Ion Ratio Lower Upper
82 100
128 40.1 31.5 47.3
54 47.2 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020683.D
Acq: 03 Jun 2019 22:30

Tgt Ion:164 Resp: 457311
Ion Ratio Lower Upper
164 100
162 105.5 83.2 124.8
160 47.9 37.5 56.3

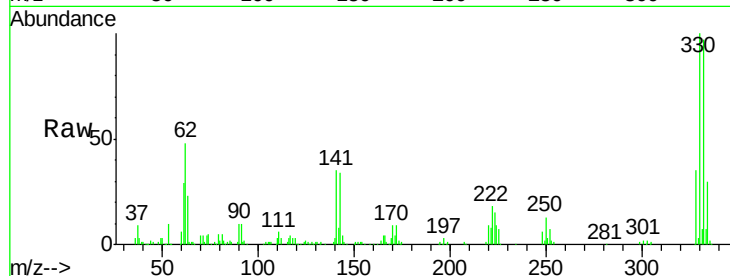




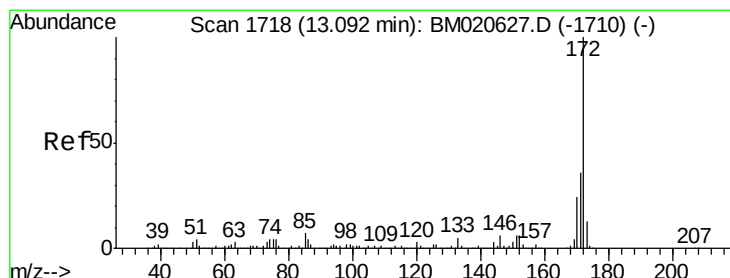
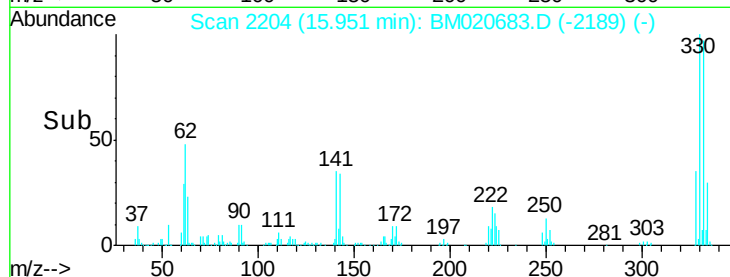
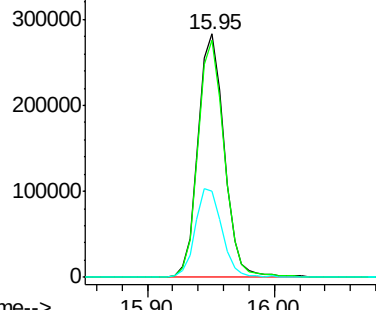
#42
 2,4,6-Tribromophenol
 Concen: 71.470 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM020683.D
 Acq: 03 Jun 2019 22:30

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	37.5	30.4	45.6

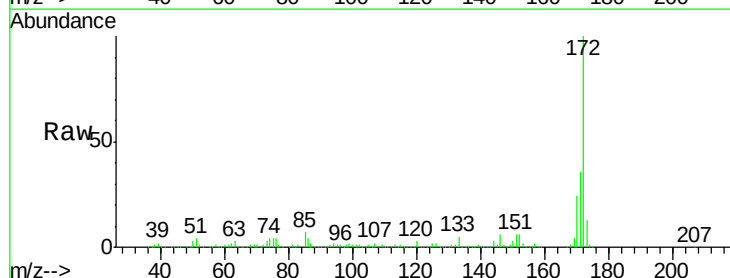


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

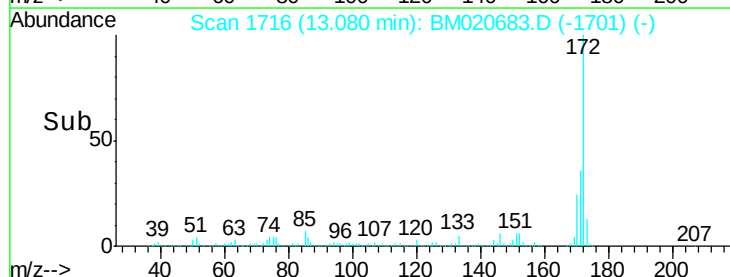
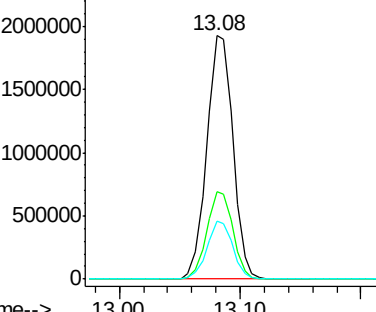


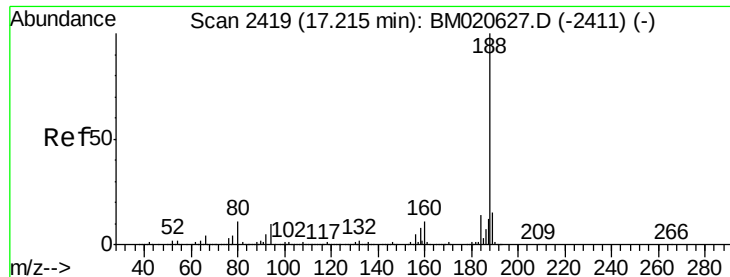
#45
 2-Fluorobiphenyl
 Concen: 84.427 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM020683.D
 Acq: 03 Jun 2019 22:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.8	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

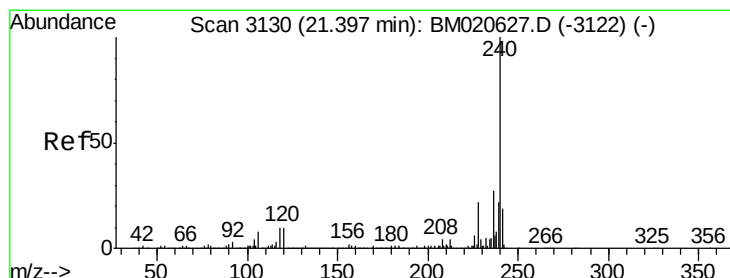
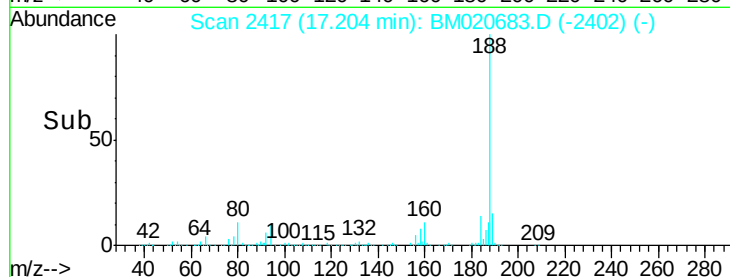
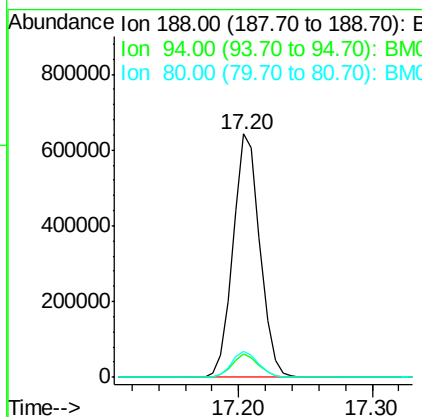
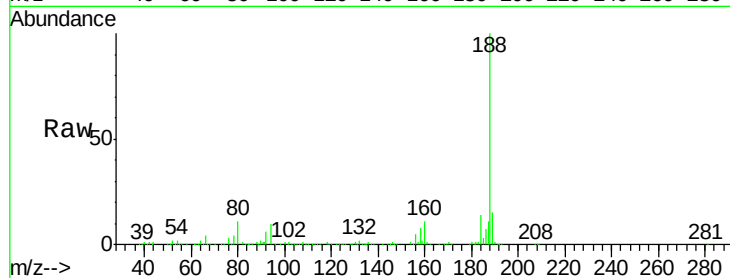




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020683.D
Acq: 03 Jun 2019 22:30

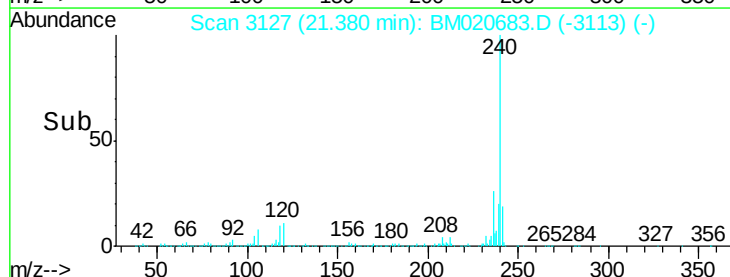
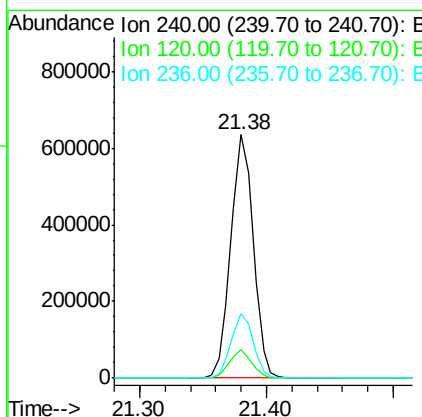
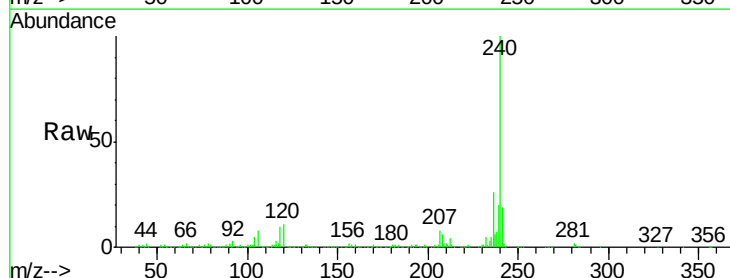
Instrument :
BNA_M
ClientSampleId :
PB120177BL

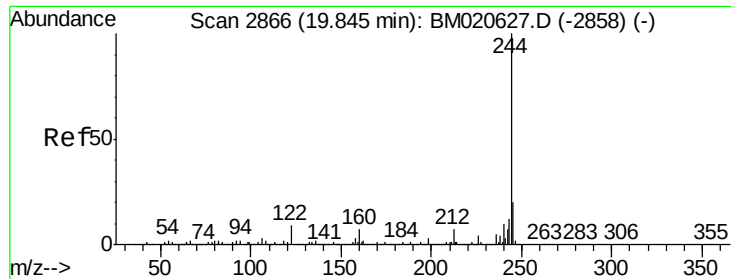
Tot Ion:188 Resp: 897802
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.8
80 10.9 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM020683.D
Acq: 03 Jun 2019 22:30

Tgt Ion:240 Resp: 779545
Ion Ratio Lower Upper
240 100
120 11.5 8.2 12.2
236 26.5 21.2 31.8





#79

Terphenyl-d14

Concen: 65.972 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020683.D

Acq: 03 Jun 2019 22:30

Instrument :

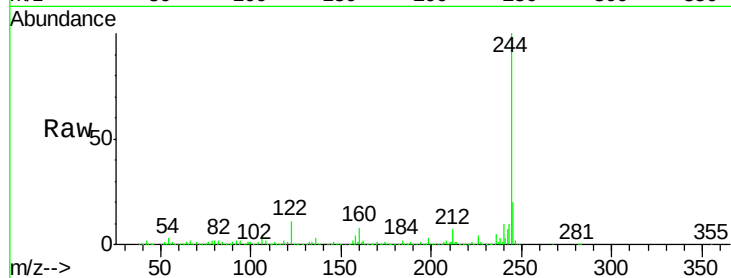
BNA_M

ClientSampleId :

PB120177BL

Tot Ion:244 Resp: 3074654

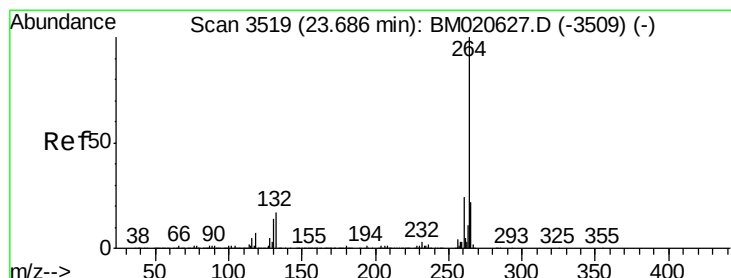
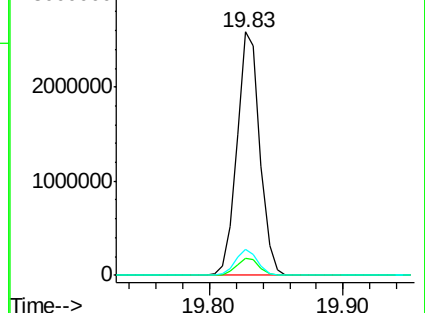
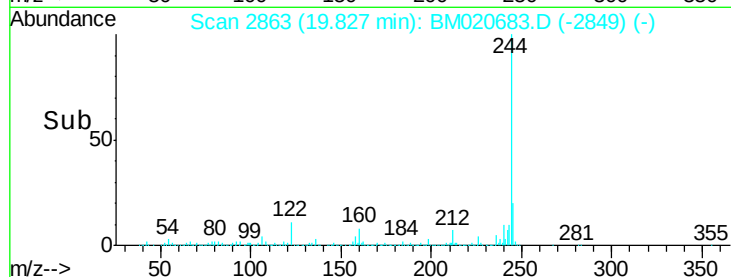
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.5	7.2	10.8



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

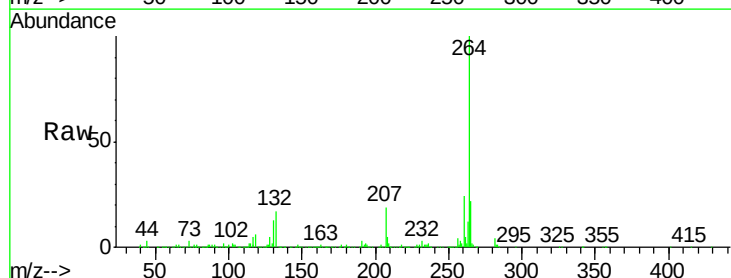
Delta R.T. -0.02 min

Lab File: BM020683.D

Acq: 03 Jun 2019 22:30

Tgt Ion:264 Resp: 953433

Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

