

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020667.D
 Acq On : 03 Jun 2019 12:52
 Operator : HP/JU
 Sample : PB120172BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BL

Quant Time: Jun 04 05:30:48 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	251035	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	942815	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	472347	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	945667	20.00	ng	0.00
76) Chrysene-d12	21.38	240	889409	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1090978	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1679464	117.68	ng	0.00
7) Phenol-d6	6.99	99	2261558	107.62	ng	0.00
23) Nitrobenzene-d5	8.99	82	1380585	75.87	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	643638	109.98	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	2886495	81.24	ng	0.00
79) Terphenyl-d14	19.83	244	3582007	67.36	ng	-0.01

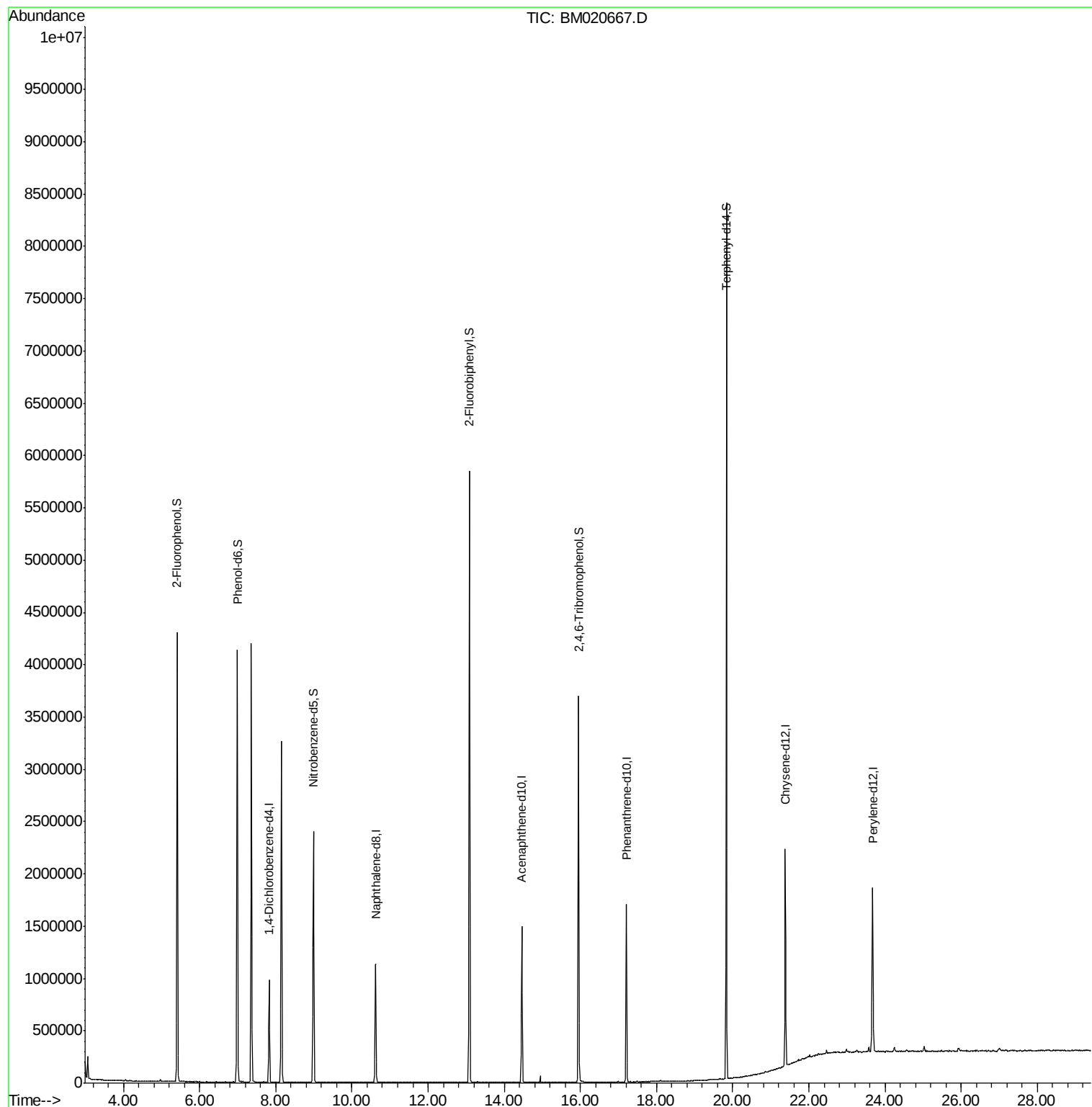
Target Compounds Qvalue

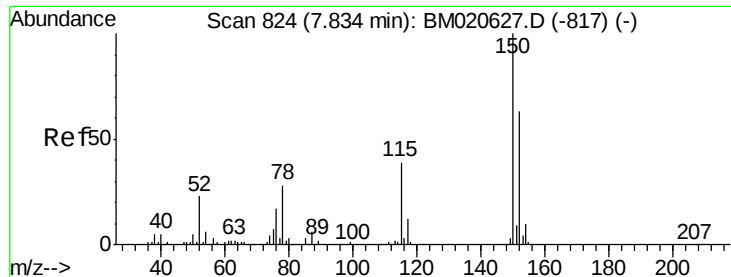
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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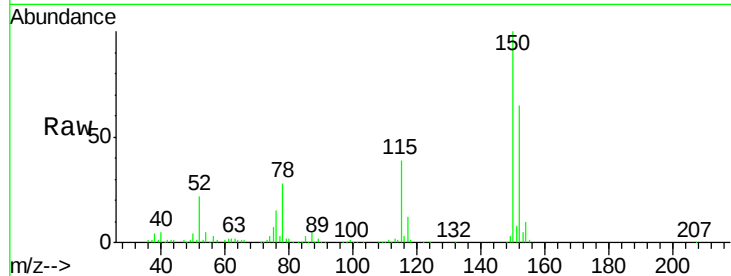


#1

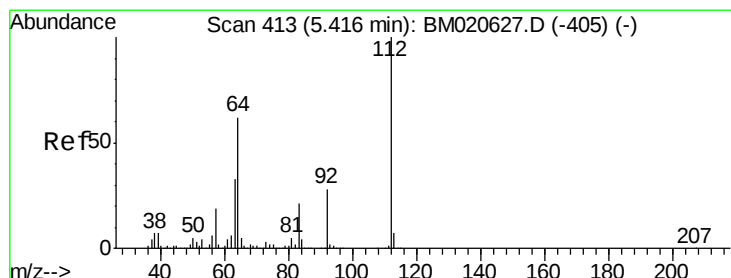
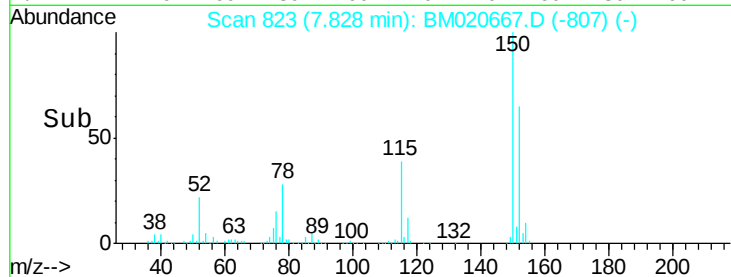
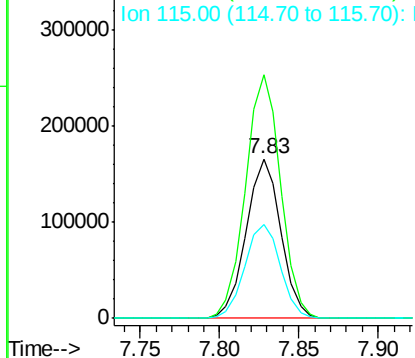
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020667.D
Acq: 03 Jun 2019 12:52

Instrument :
BNA_M
ClientSampleId :
PB120172BL

Tot Ion:152 Resp: 251035
Ion Ratio Lower Upper
152 100
150 152.9 126.0 189.0
115 59.1 49.6 74.4



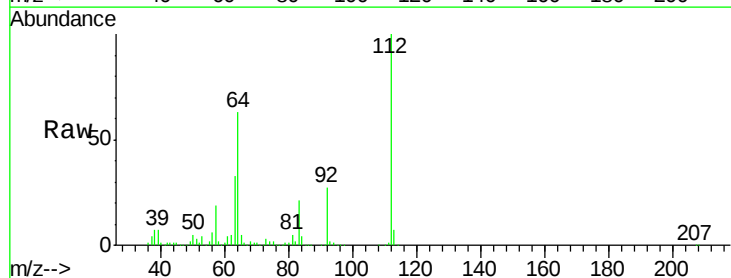
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



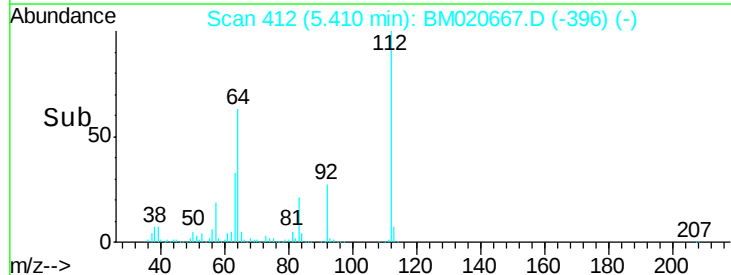
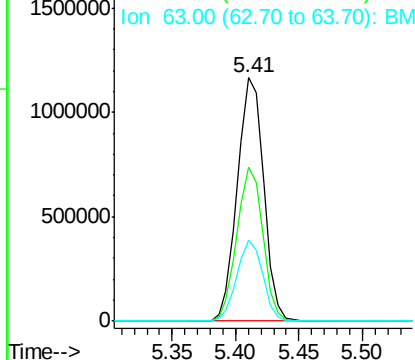
#5

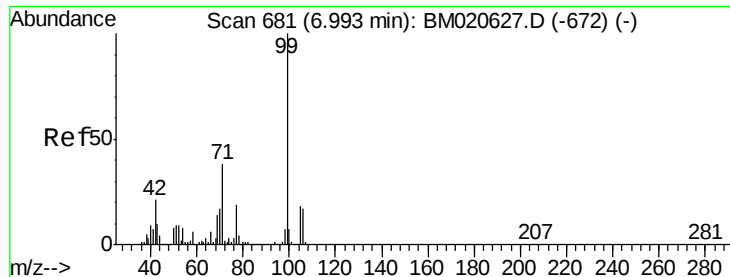
2-Fluorophenol
Concen: 117.684 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020667.D
Acq: 03 Jun 2019 12:52

Tgt Ion:112 Resp: 1679464
Ion Ratio Lower Upper
112 100
64 63.2 49.7 74.5
63 33.0 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: 107.625 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020667.D

Acq: 03 Jun 2019 12:52

Instrument :

BNA_M

ClientSampleId :

PB120172BL

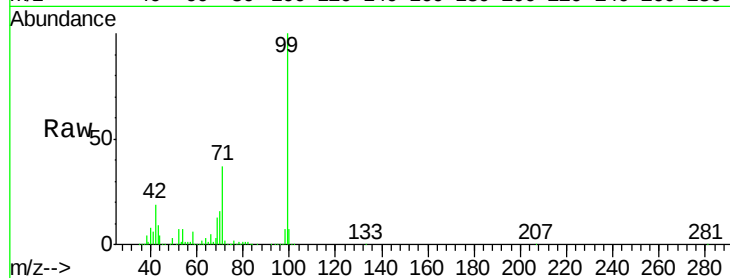
Tot Ion: 99 Resp: 2261558

Ion Ratio Lower Upper

99 100

42 18.9 16.5 24.7

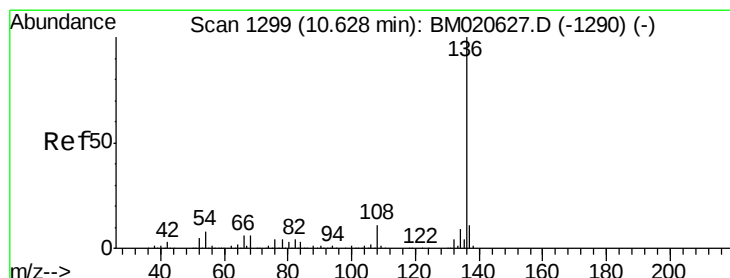
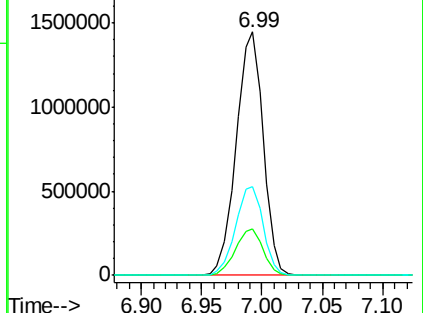
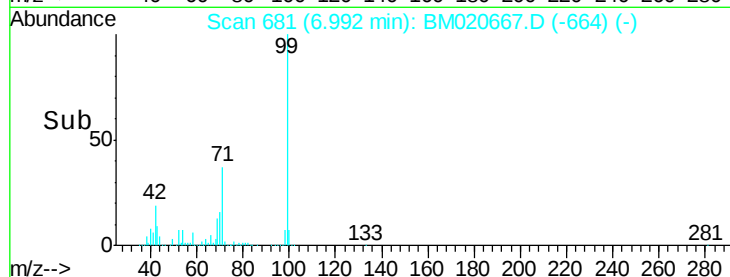
71 36.7 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020667.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020667.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020667.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM020667.D

Acq: 03 Jun 2019 12:52

Tgt Ion: 136 Resp: 942815

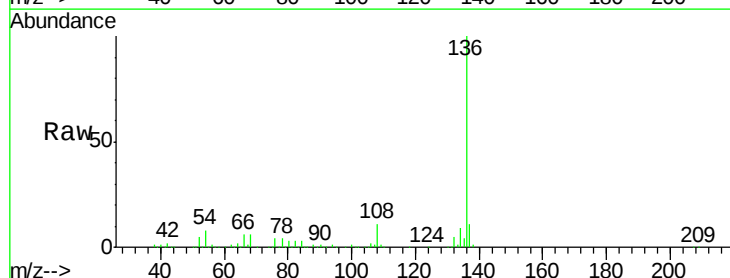
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.6 6.6 10.0

68 5.9 5.1 7.7

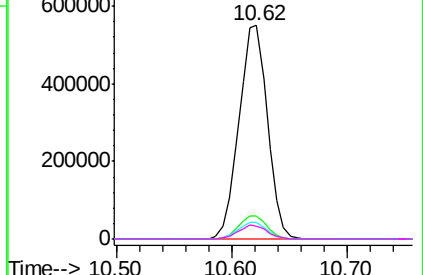
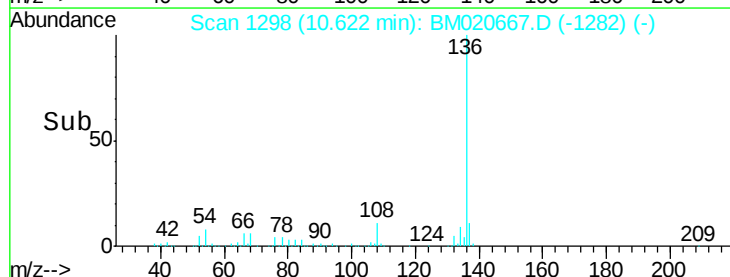


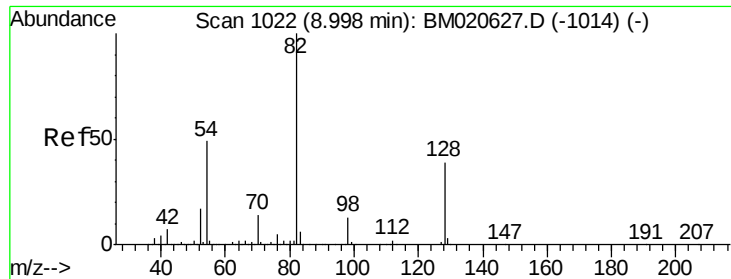
Abundance Ion 136.00 (135.70 to 136.70): BM020667.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020667.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020667.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020667.D (-1282) (-)



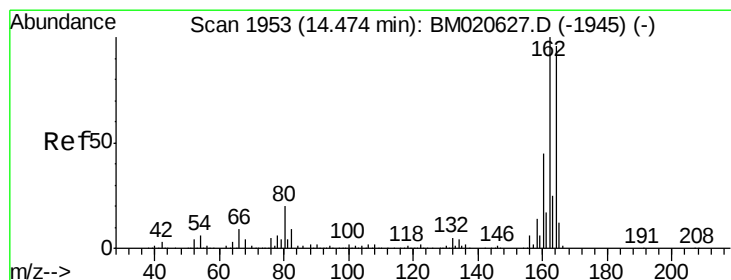
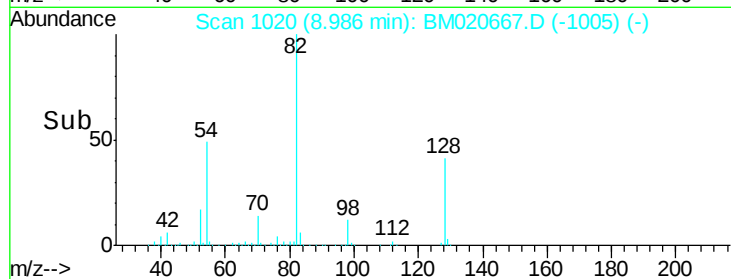
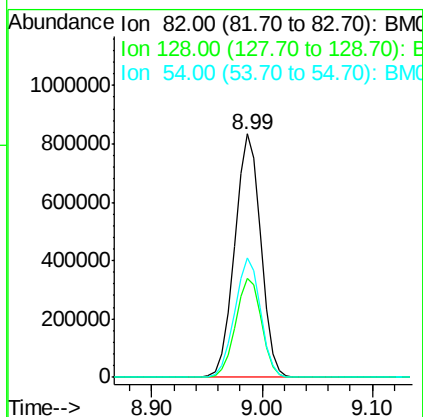
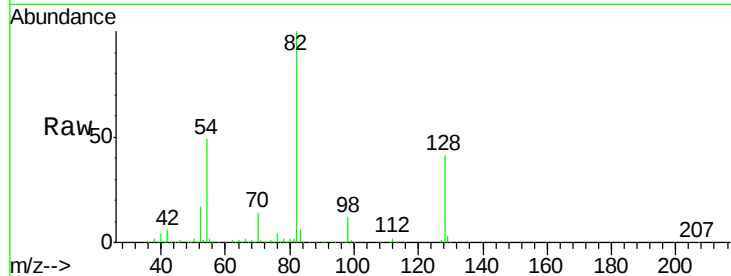


#23
 Nitrobenzene-d5
 Concen: 75.869 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020667.D
 Acq: 03 Jun 2019 12:52

Instrument :
 BNA_M
 ClientSampled :
 PB120172BL

Tot Ion: 82 Resp: 1380585

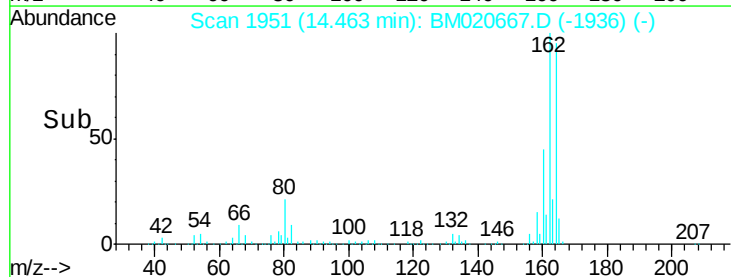
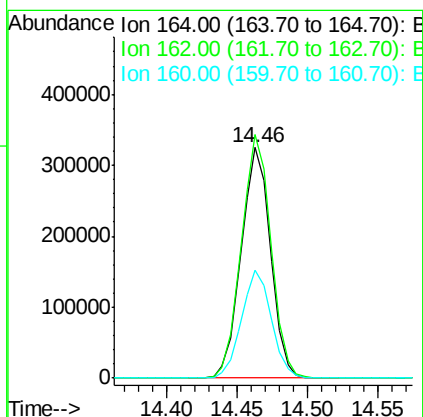
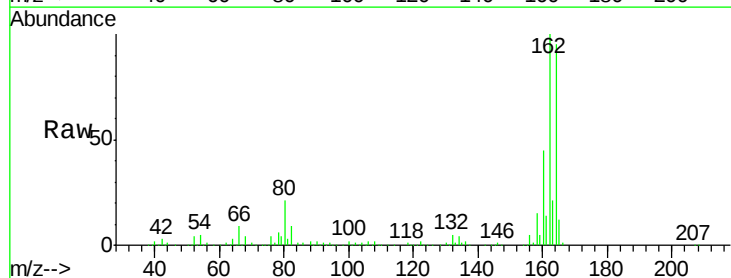
Ion	Ratio	Lower	Upper
82	100		
128	40.7	31.5	47.3
54	49.1	39.4	59.0

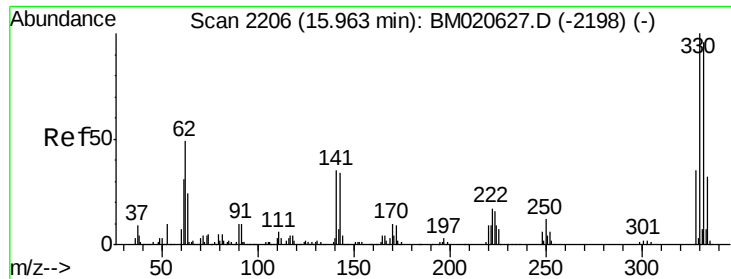


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BM020667.D
 Acq: 03 Jun 2019 12:52

Tgt Ion: 164 Resp: 472347

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.2	124.8
160	47.1	37.5	56.3

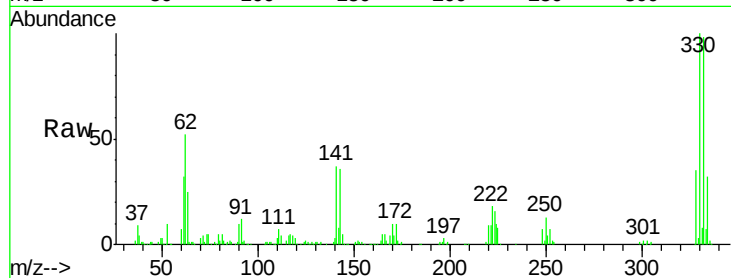




#42
 2,4,6-Tribromophenol
 Concen: 109.980 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM020667.D
 Acq: 03 Jun 2019 12:52

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	37.0	30.4	45.6

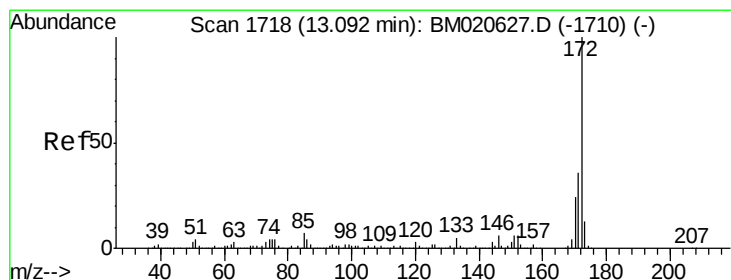
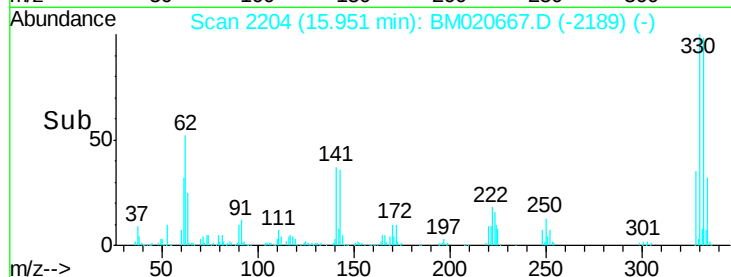
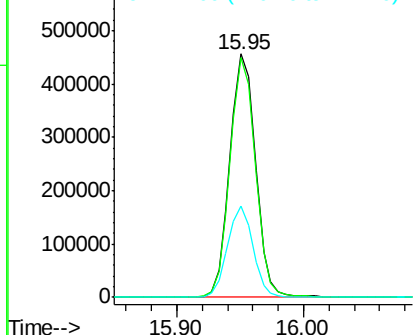


Abundance

Ion 329.80 (329.50 to 330.50): E

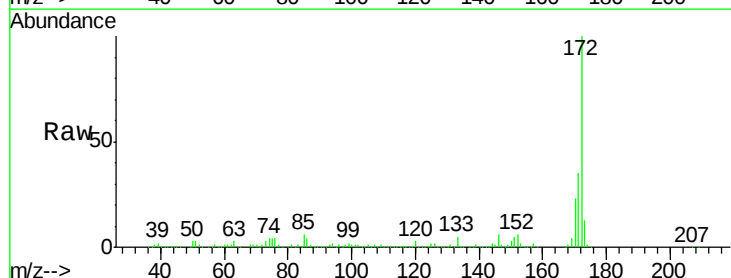
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.242 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM020667.D
 Acq: 03 Jun 2019 12:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.3	18.9	28.3

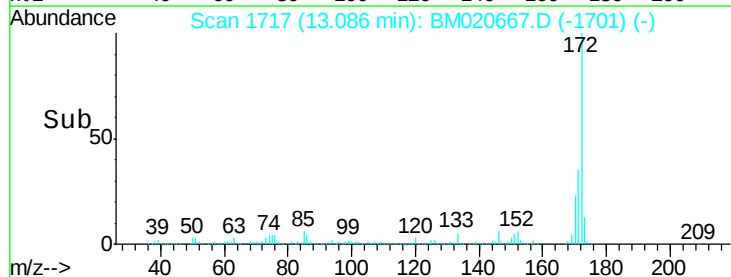
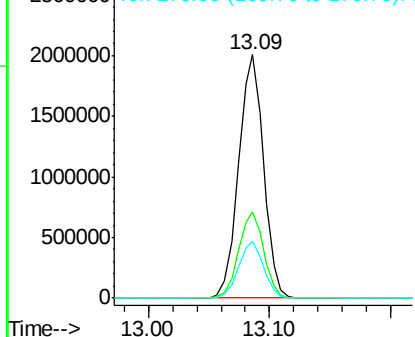


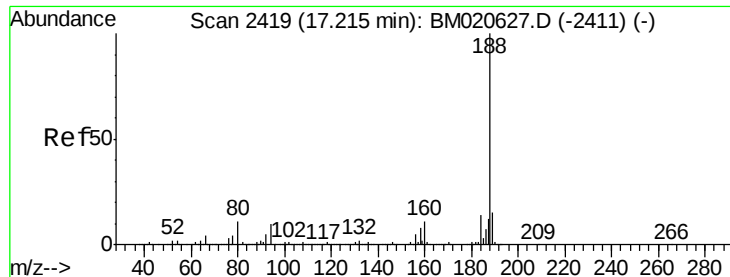
Abundance

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: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM020667.D

Acq: 03 Jun 2019 12:52

Instrument :

BNA_M

ClientSampleId :

PB120172BL

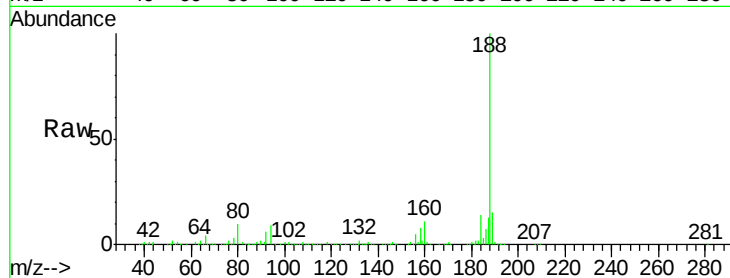
Tot Ion:188 Resp: 945667

Ion Ratio Lower Upper

188 100

94 9.2 7.8 11.8

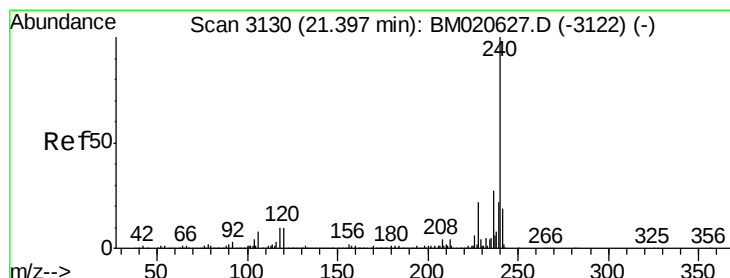
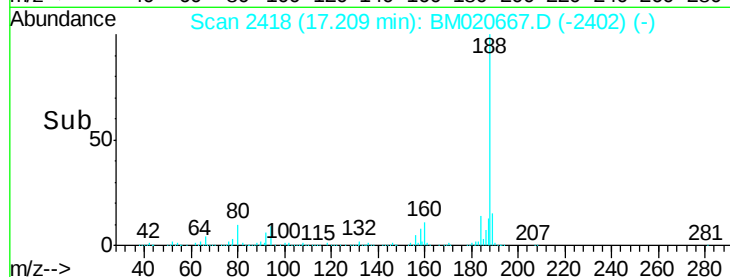
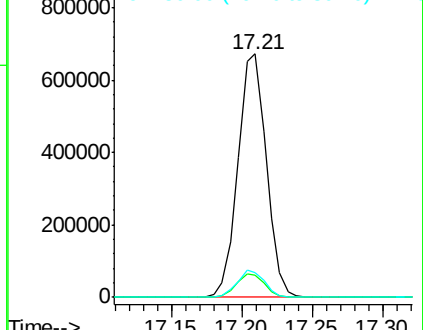
80 10.0 9.0 13.6



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: 21.38 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM020667.D

Acq: 03 Jun 2019 12:52

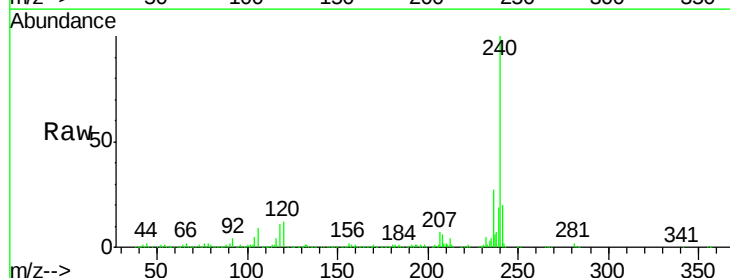
Tgt Ion:240 Resp: 889409

Ion Ratio Lower Upper

240 100

120 11.9 8.2 12.2

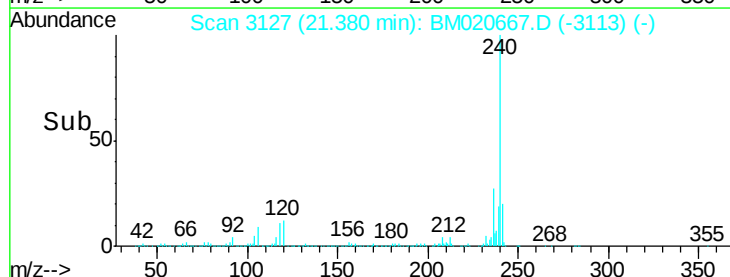
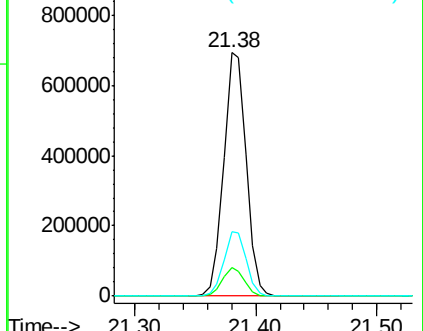
236 26.5 21.2 31.8

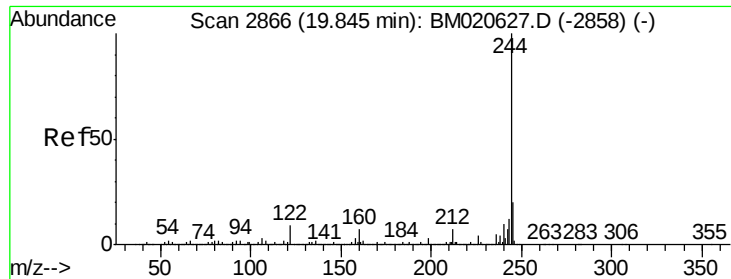


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

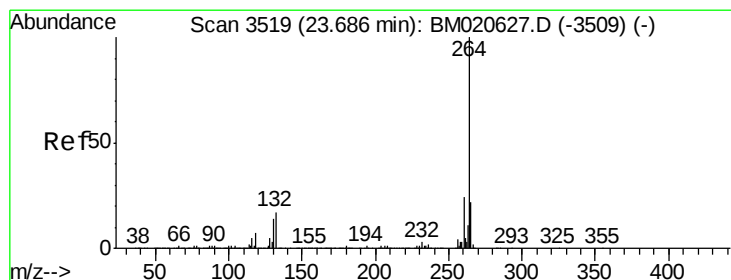
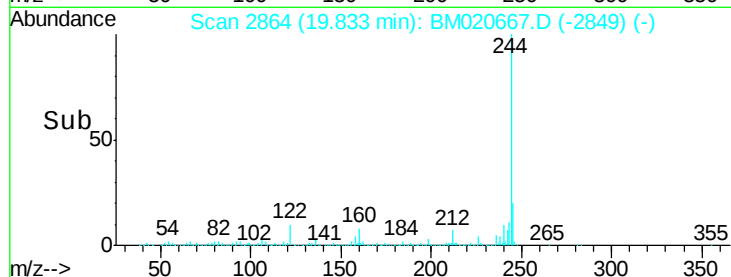
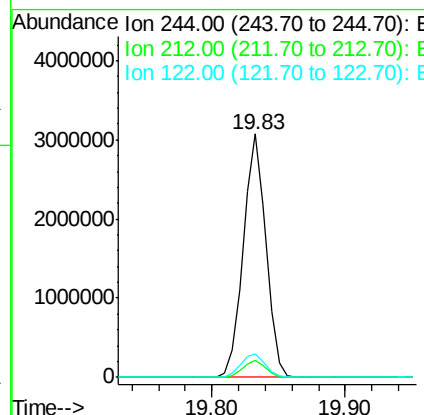
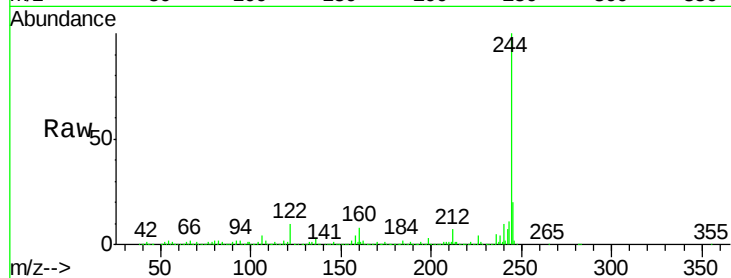




#79
 Terphenyl-d14
 Concen: 67.364 ng
 RT: 19.83 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BM020667.D
 Acq: 03 Jun 2019 12:52

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BL

Tot Ion:244 Resp: 3582007
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.8 7.2 10.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.67 min Scan# 3517
 Delta R.T. -0.01 min
 Lab File: BM020667.D
 Acq: 03 Jun 2019 12:52

Tgt Ion:264 Resp: 1090978
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.3 17.6 26.4

