

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042419\
 Data File : BM020068.D
 Acq On : 24 Apr 2019 17:16
 Operator : JU/SJ
 Sample : PB119111TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119111TB

Quant Time: Apr 25 03:05:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	112774	20.00	ng	-0.02
21) Naphthalene-d8	10.27	136	354063	20.00	ng	-0.02
39) Acenaphthene-d10	14.16	164	220550	20.00	ng	-0.01
64) Phenanthrene-d10	16.93	188	457760	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	441870	20.00	ng	-0.01
87) Perylene-d12	23.33	264	440101	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	979386	140.75	ng	-0.03
7) Phenol-d6	6.68	99	1273753	121.63	ng	-0.03
23) Nitrobenzene-d5	8.66	82	784449	99.08	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	436801	123.03	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1682089	95.05	ng	-0.03
79) Terphenyl-d14	19.57	244	2465024	98.40	ng	-0.02

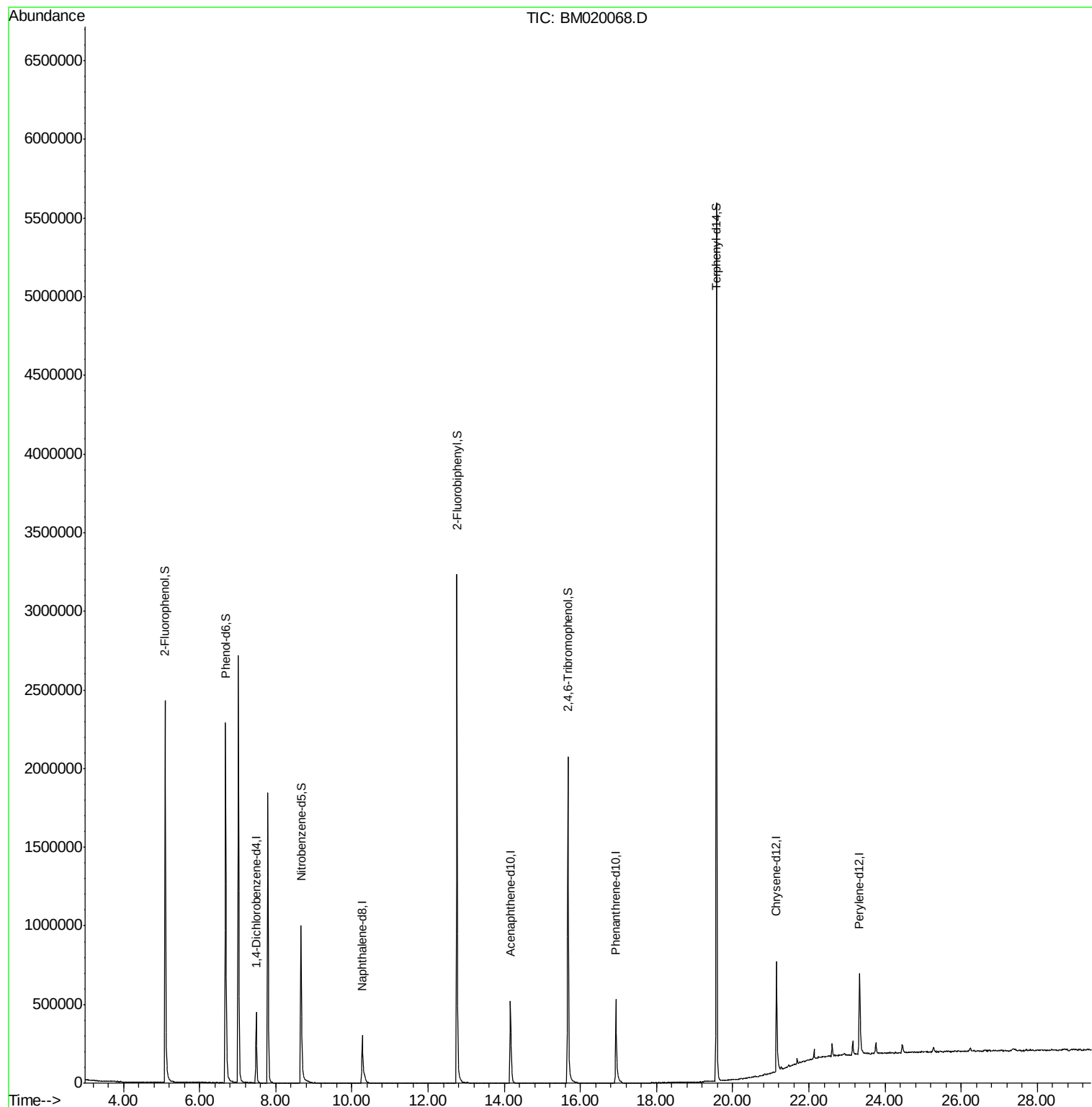
Target Compounds	Qvalue
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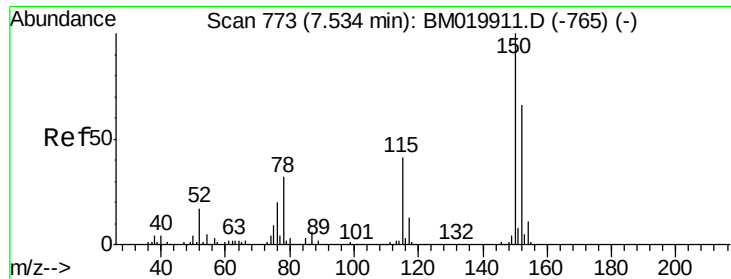
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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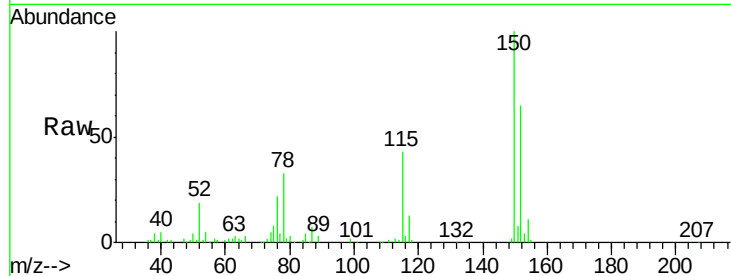


#1

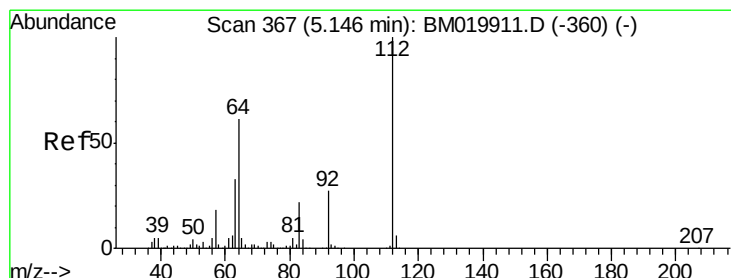
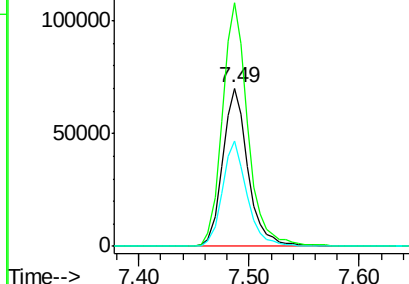
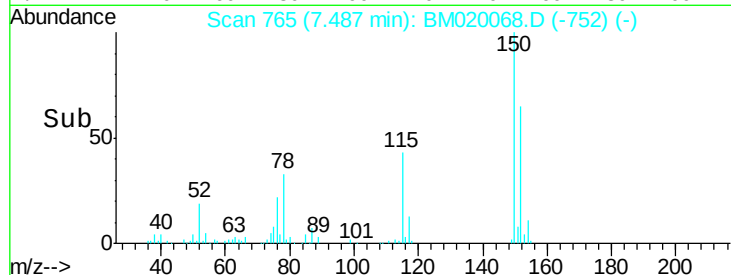
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 765
Delta R.T. -0.02 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :
PB119111TB

Tgt Ion:152 Resp: 112774
Ion Ratio Lower Upper
152 100
150 154.2 122.1 183.1
115 66.7 50.0 75.0



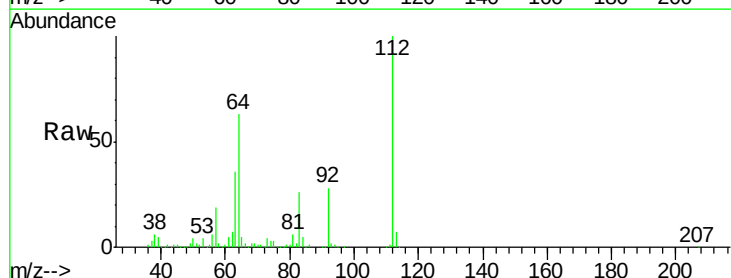
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



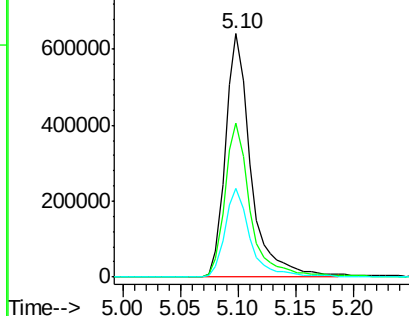
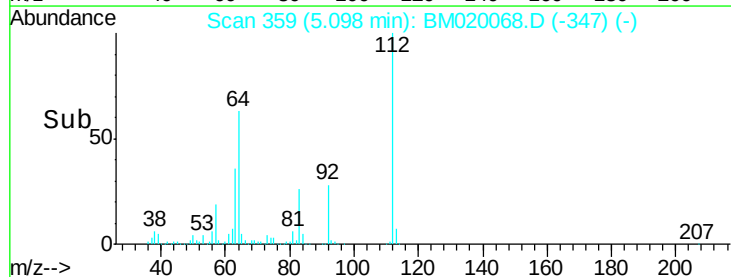
#5

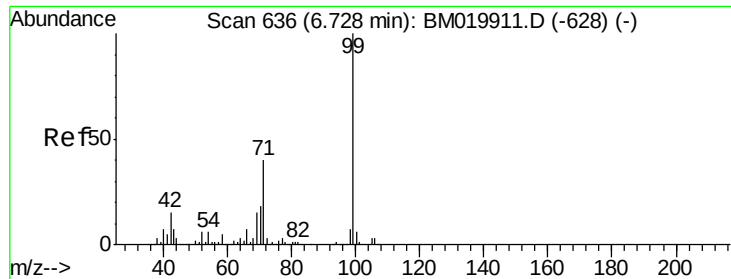
2-Fluorophenol
Concen: 140.745 ng
RT: 5.10 min Scan# 359
Delta R.T. -0.03 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Tgt Ion:112 Resp: 979386
Ion Ratio Lower Upper
112 100
64 63.3 49.1 73.7
63 36.4 26.5 39.7



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: 121.628 ng

RT: 6.68 min Scan# 628

Delta R.T. -0.03 min

Lab File: BM020068.D

Acq: 24 Apr 2019 17:16

Instrument :

BNA_M

ClientSampleId :

PB119111TB

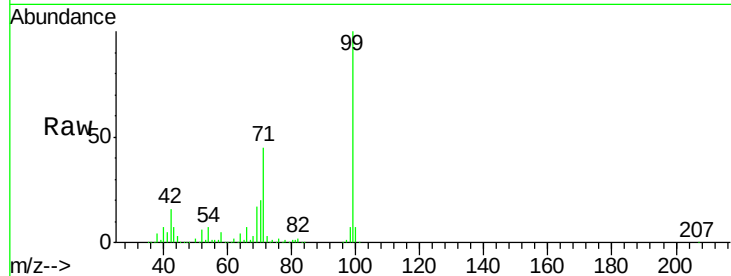
Tgt Ion: 99 Resp: 1273753

Ion Ratio Lower Upper

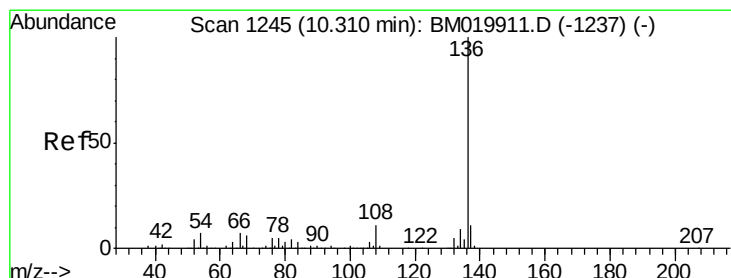
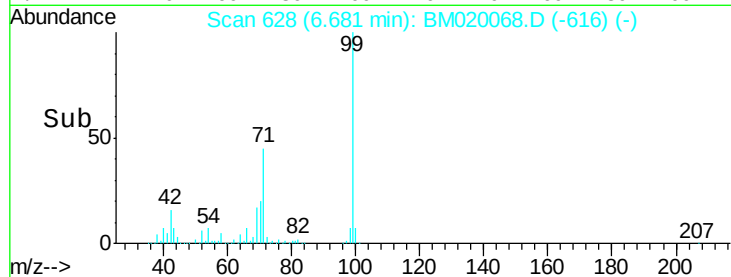
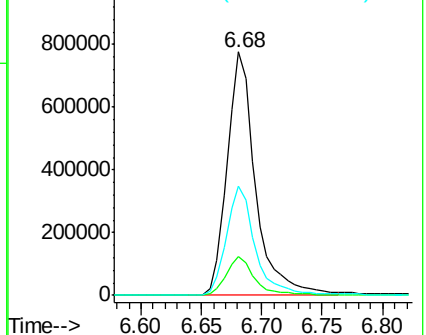
99 100

42 16.2 11.8 17.8

71 45.1 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.27 min Scan# 1238

Delta R.T. -0.02 min

Lab File: BM020068.D

Acq: 24 Apr 2019 17:16

Tgt Ion: 136 Resp: 354063

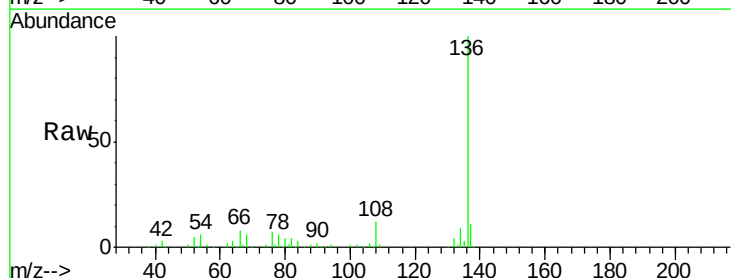
Ion Ratio Lower Upper

136 100

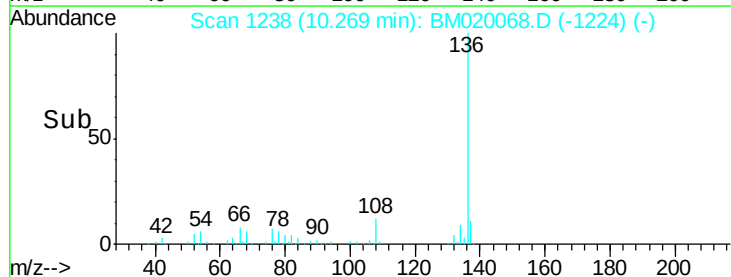
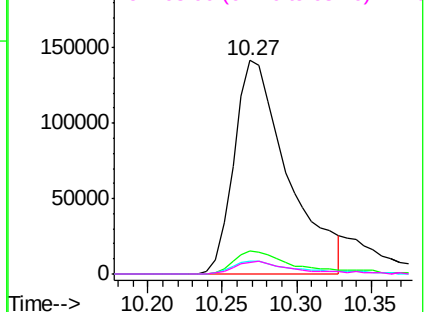
137 11.1 9.0 13.6

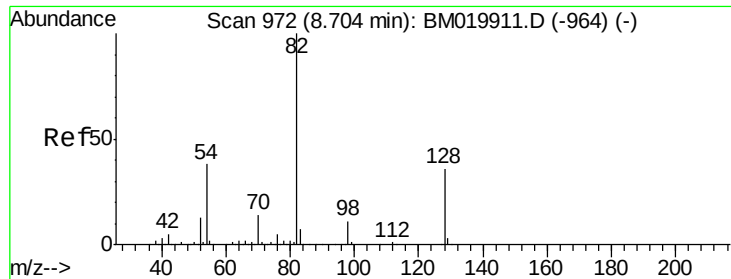
54 5.8 5.3 7.9

68 5.5 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0





#23

Nitrobenzene-d5

Concen: 99.083 ng

RT: 8.66 min Scan# 965

Delta R.T. -0.02 min

Lab File: BM020068.D

Acq: 24 Apr 2019 17:16

Instrument :

BNA_M

ClientSampleId :

PB119111TB

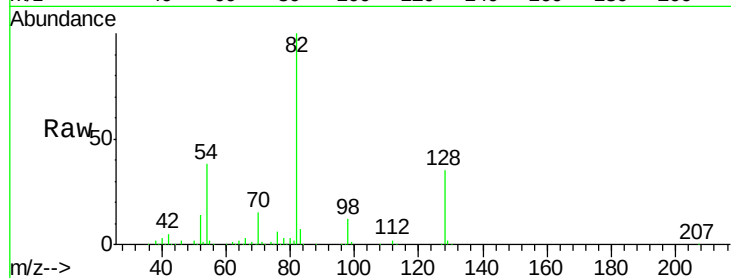
Tgt Ion: 82 Resp: 784449

Ion Ratio Lower Upper

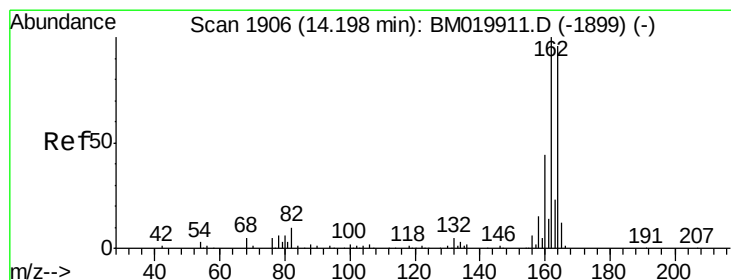
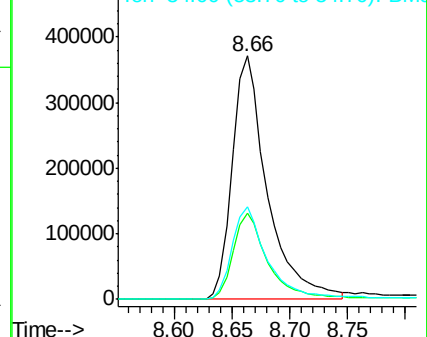
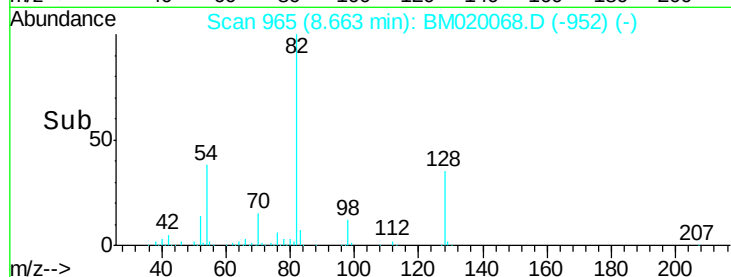
82 100

128 35.4 29.0 43.4

54 38.1 30.2 45.4



Abundance Ion 82.00 (81.70 to 82.70): BM020068.D (-952) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BM020068.D

Acq: 24 Apr 2019 17:16

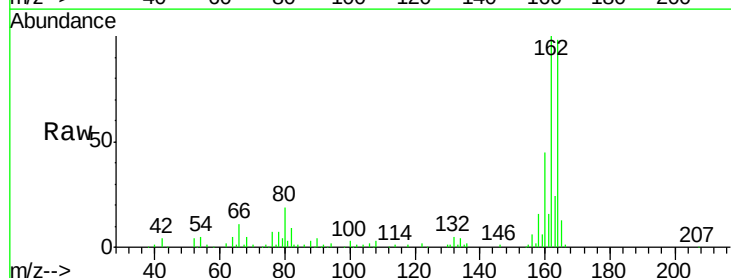
Tgt Ion: 164 Resp: 220550

Ion Ratio Lower Upper

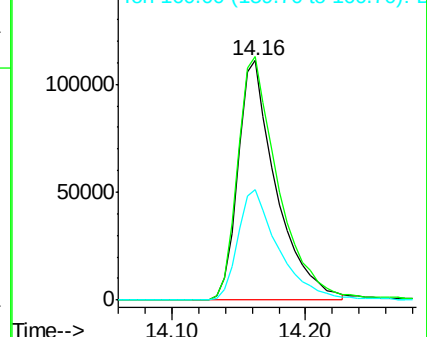
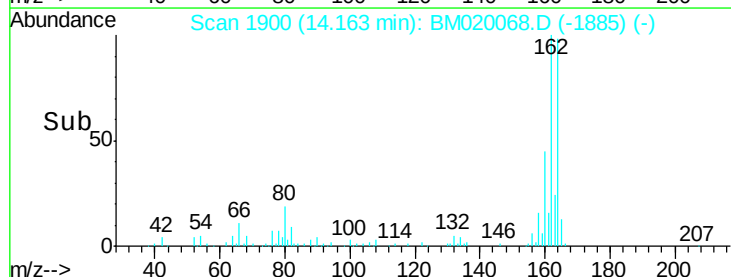
164 100

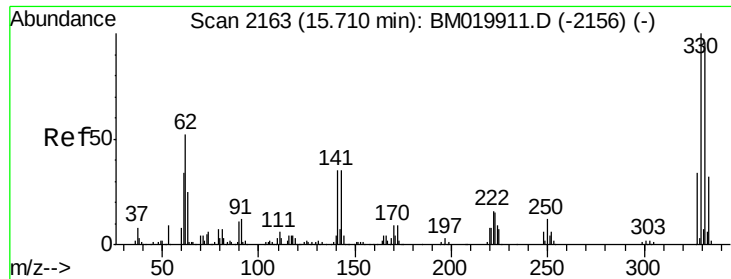
162 101.8 83.0 124.4

160 46.3 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM020068.D (-1885) (-)





#42

2,4,6-Tribromophenol

Concen: 123.034 ng

RT: 15.67 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BM020068.D

Acq: 24 Apr 2019 17:16

Instrument :

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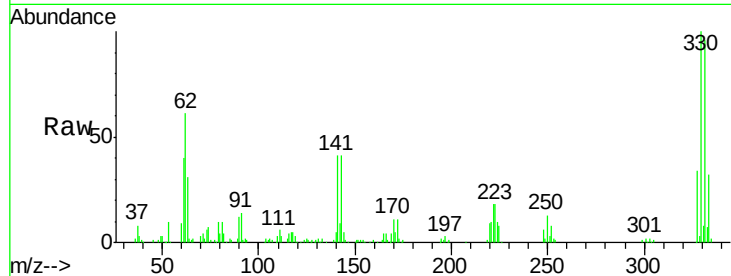
Tgt Ion:330 Resp: 436801

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

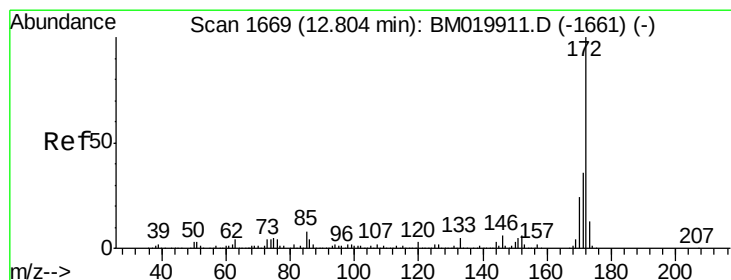
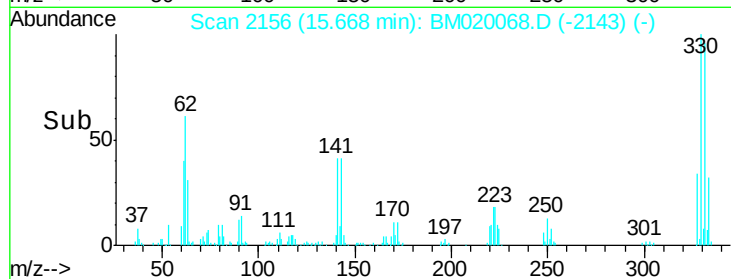
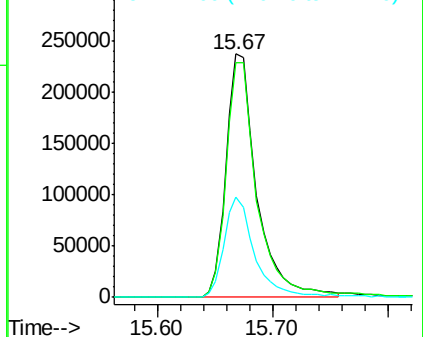
141 41.1 29.0 43.4



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: 95.047 ng

RT: 12.76 min Scan# 1661

Delta R.T. -0.03 min

Lab File: BM020068.D

Acq: 24 Apr 2019 17:16

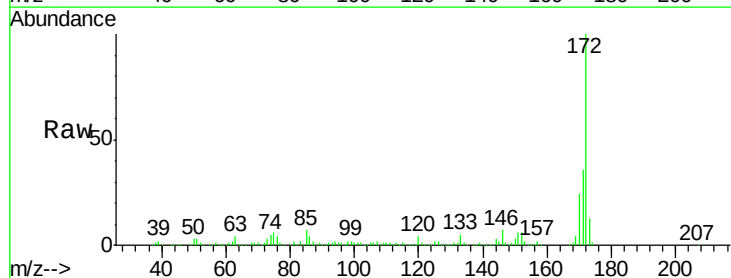
Tgt Ion:172 Resp: 1682089

Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

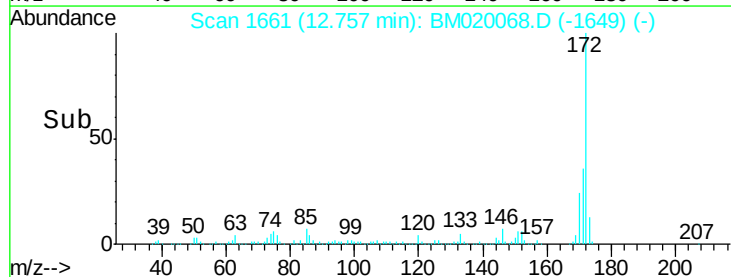
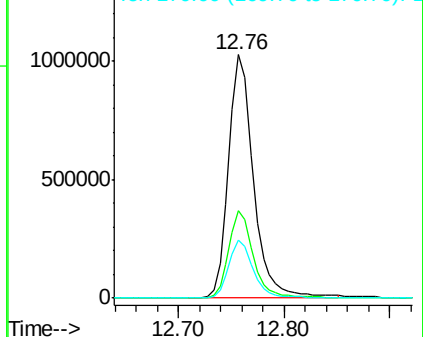
170 23.8 19.0 28.4

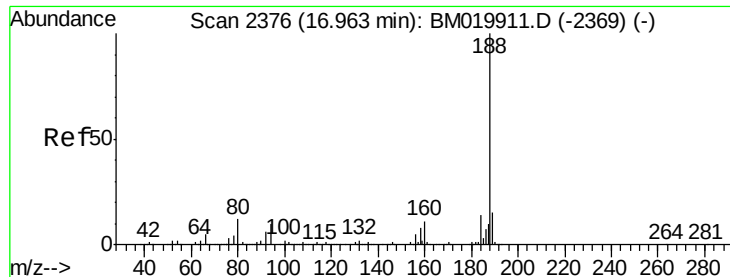


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

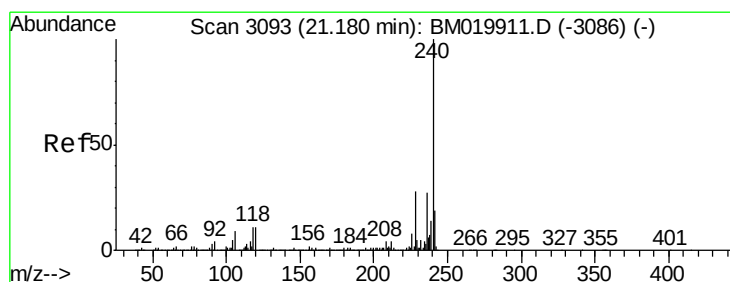
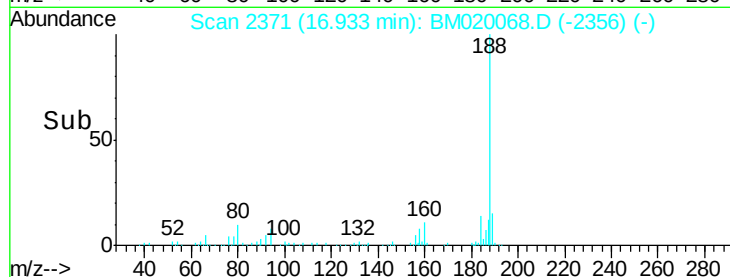
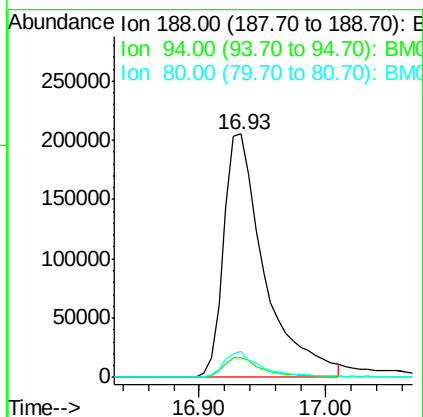
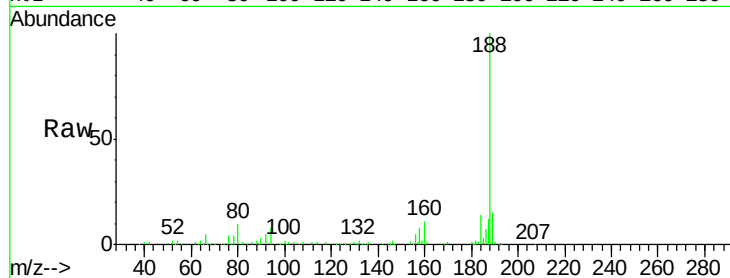




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

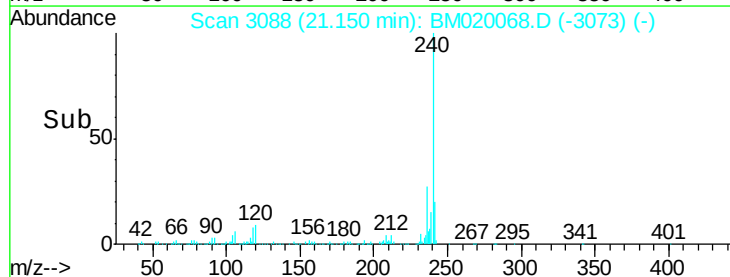
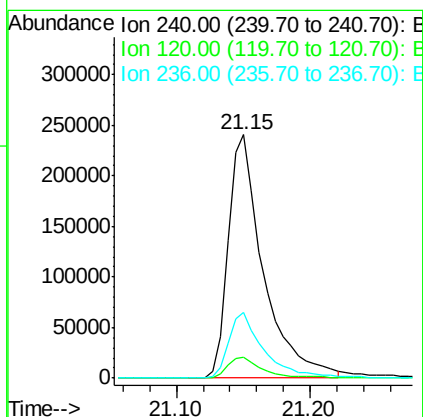
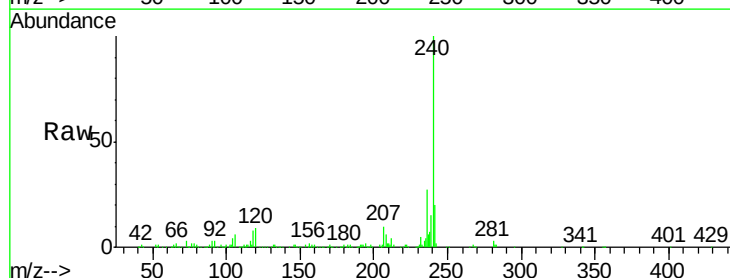
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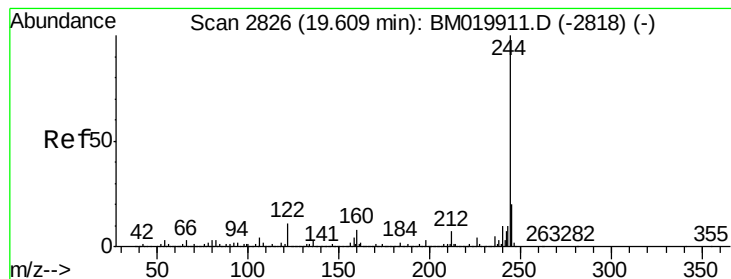
Tgt Ion:188 Resp: 457760
Ion Ratio Lower Upper
188 100
94 8.1 7.6 11.4
80 10.5 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Tgt Ion:240 Resp: 441870
Ion Ratio Lower Upper
240 100
120 8.5 8.6 13.0#
236 26.9 21.4 32.2





#79

Terphenyl-d14

Concen: 98.397 ng

RT: 19.57 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM020068.D

Acq: 24 Apr 2019 17:16

Instrument :

BNA_M

ClientSampleId :

PB119111TB

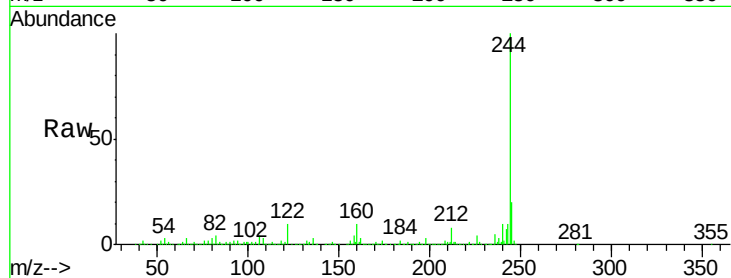
Tgt Ion:244 Resp: 2465024

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

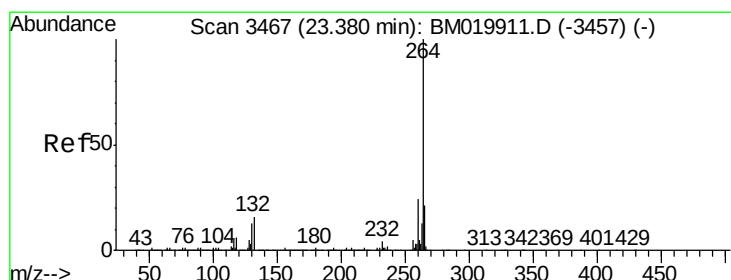
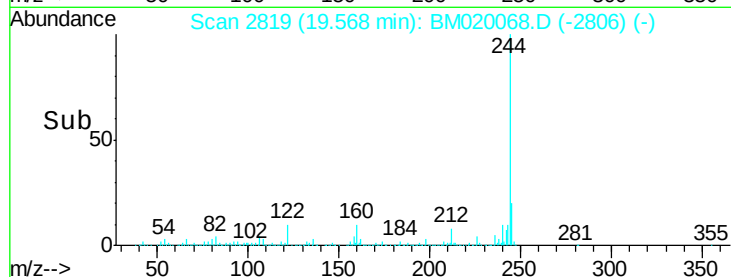
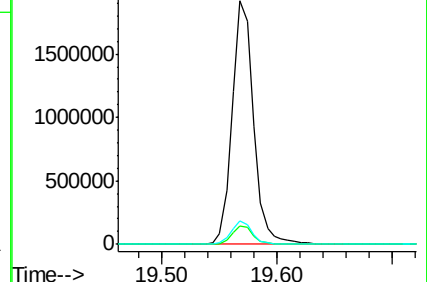
122 9.8 9.1 13.7



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: 23.33 min Scan# 3458

Delta R.T. -0.02 min

Lab File: BM020068.D

Acq: 24 Apr 2019 17:16

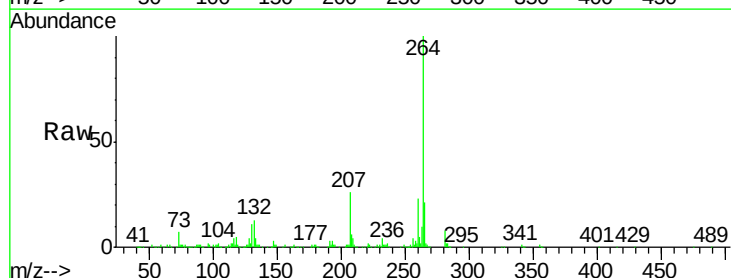
Tgt Ion:264 Resp: 440101

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.5 17.2 25.8



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

