

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
 Data File : BM021068.D
 Acq On : 20 Jun 2019 19:14
 Operator : HP/JU
 Sample : PB120267BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120267BL

Quant Time: Jun 21 04:34:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	233497	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	919263	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	627554	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1653985	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1686634	20.00	ng	0.00
87) Perylene-d12	23.63	264	1821599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1341909	104.06	ng	0.00
7) Phenol-d6	6.95	99	1879746	100.10	ng	0.00
23) Nitrobenzene-d5	8.94	82	1100552	62.39	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	1158897	98.41	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	3260365	63.85	ng	0.00
79) Terphenyl-d14	19.79	244	6334147	70.14	ng	0.00

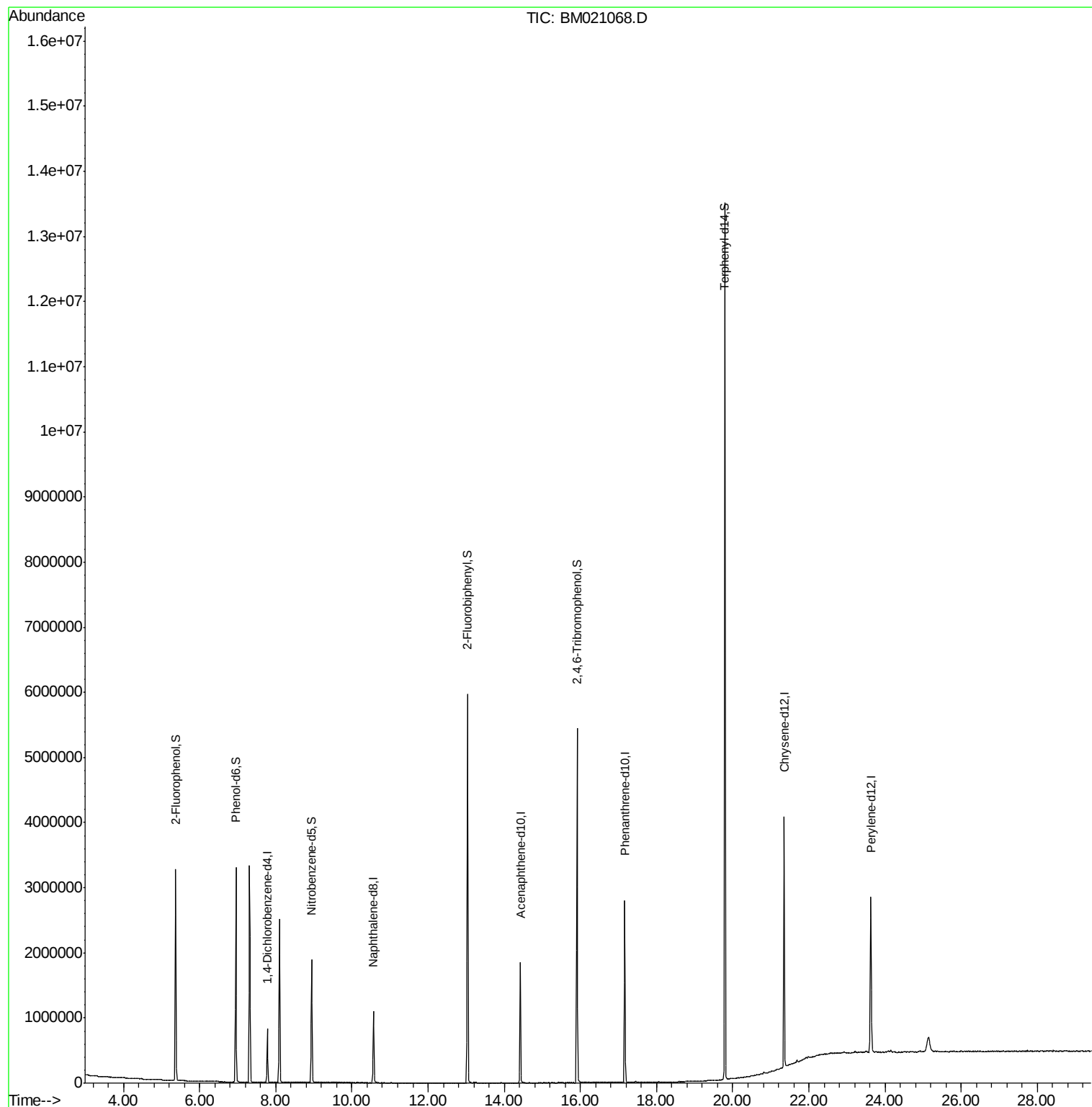
Target Compounds Qvalue

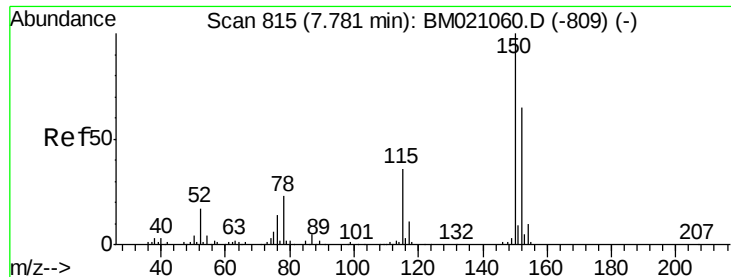
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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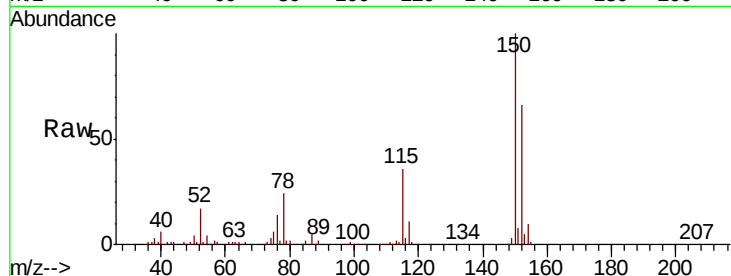


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	123.1	184.7
115	54.1	44.2	66.4

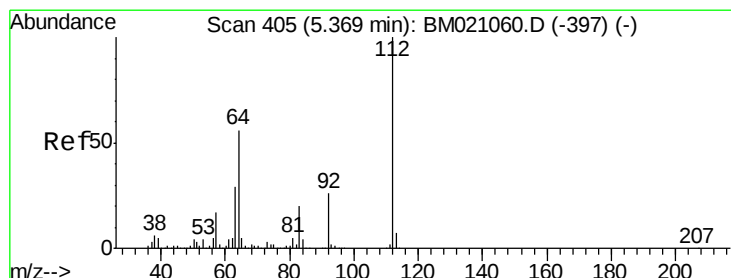
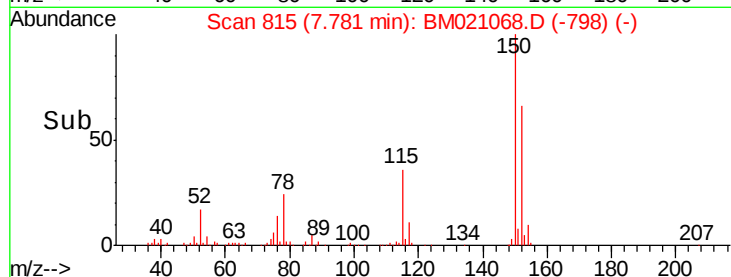
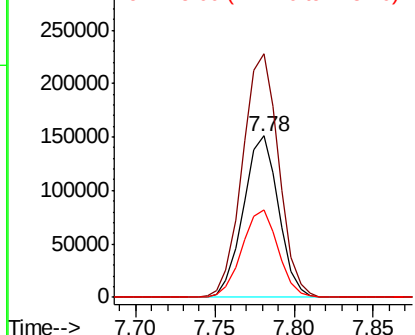


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

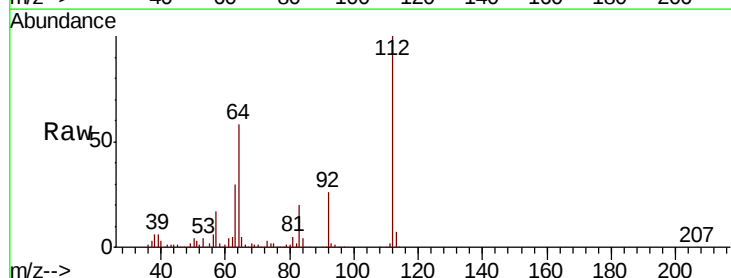
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.063 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.2	67.8
63	29.9	23.5	35.3

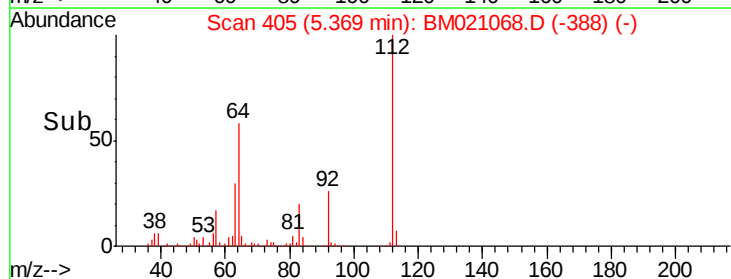
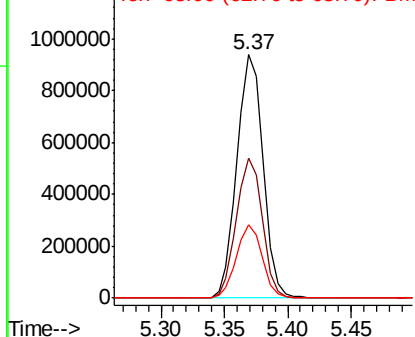


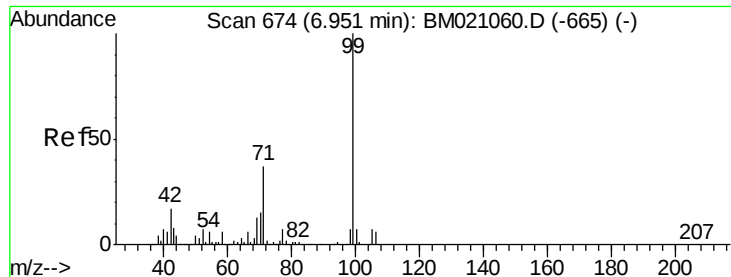
Abundance

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: 100.099 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM021068.D

Acq: 20 Jun 2019 19:14

Instrument :

BNA_M

ClientSampleId :

PB120267BL

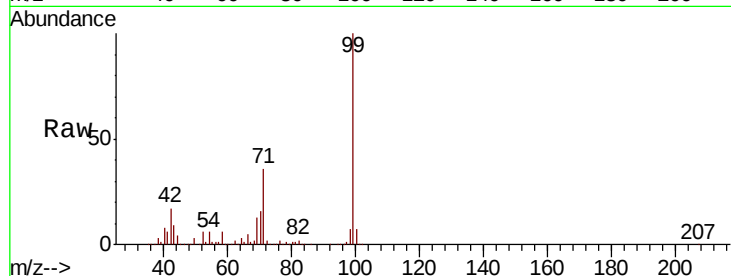
Tot Ion: 99 Resp: 1879746

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

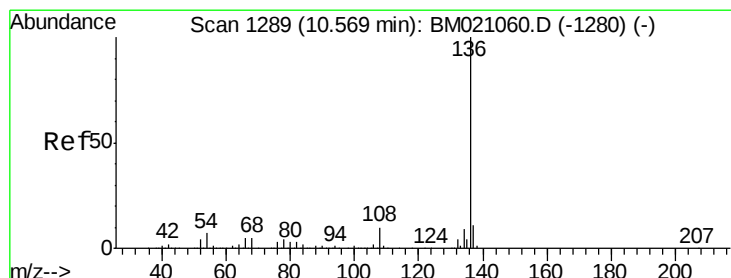
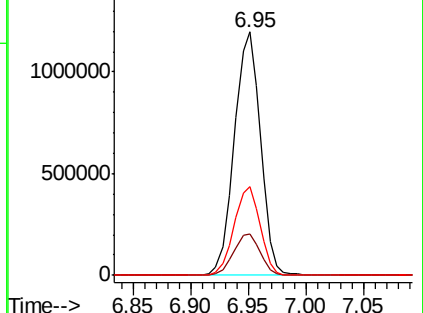
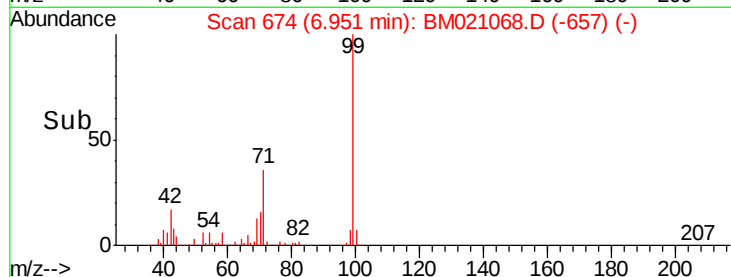
71 36.3 29.3 43.9



Abundance Ion 99.00 (98.70 to 99.70): BM021068.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM021068.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM021068.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BM021068.D

Acq: 20 Jun 2019 19:14

Tgt Ion: 136 Resp: 919263

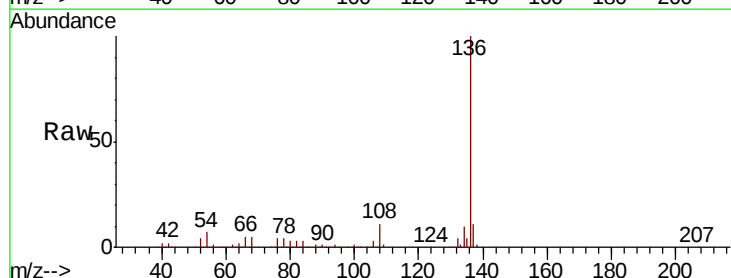
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 6.7 5.3 7.9

68 5.2 4.4 6.6

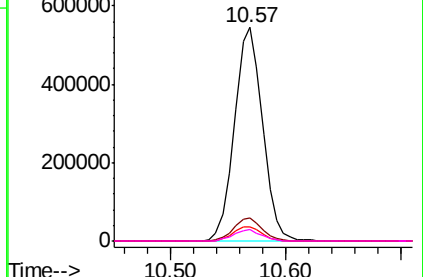
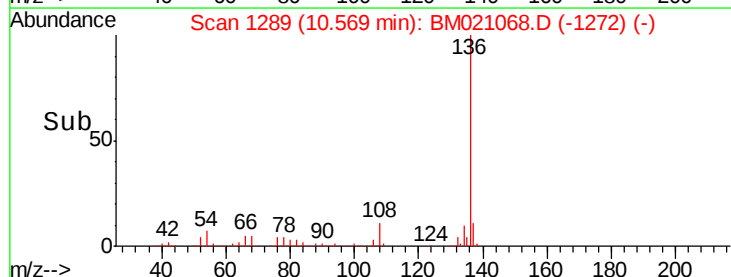


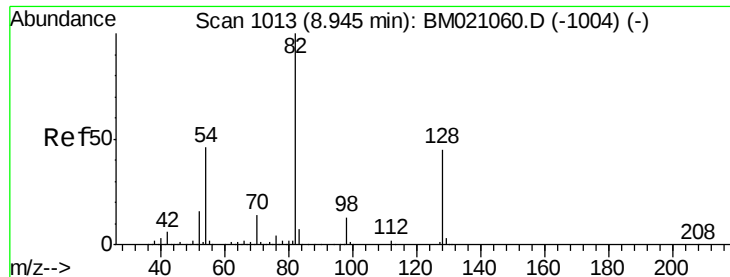
Abundance Ion 136.00 (135.70 to 136.70): BM021068.D (-1272) (-)

Ion 137.00 (136.70 to 137.70): BM021068.D (-1272) (-)

Ion 54.00 (53.70 to 54.70): BM021068.D (-1272) (-)

Ion 68.00 (67.70 to 68.70): BM021068.D (-1272) (-)

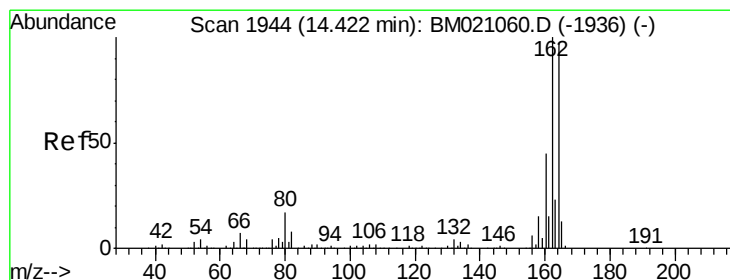
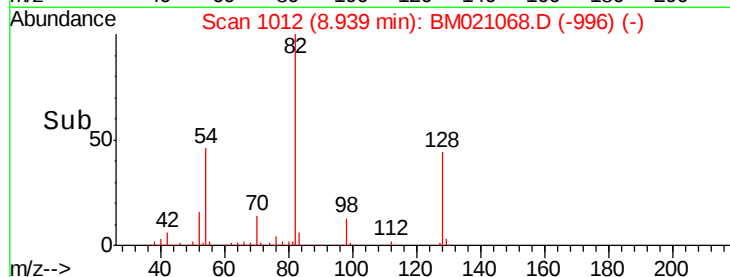
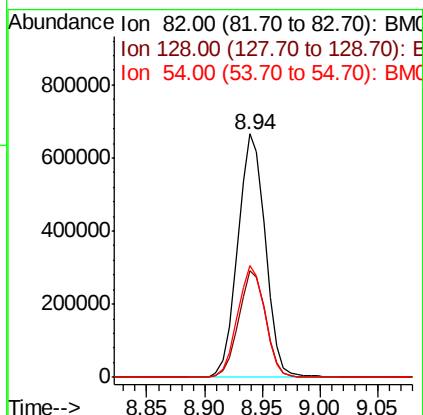
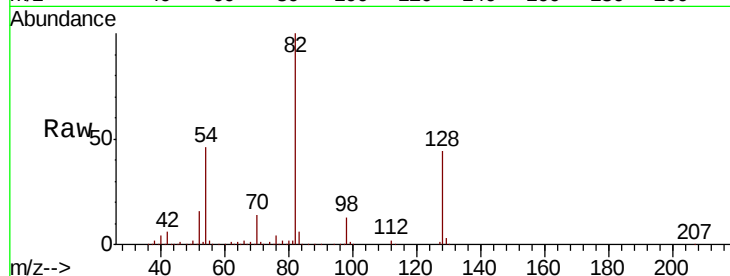




#23
Nitrobenzene-d5
Concen: 62.395 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

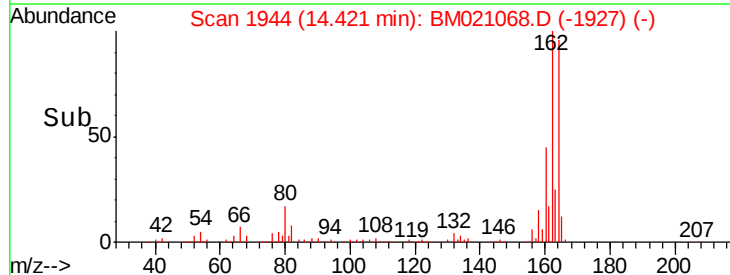
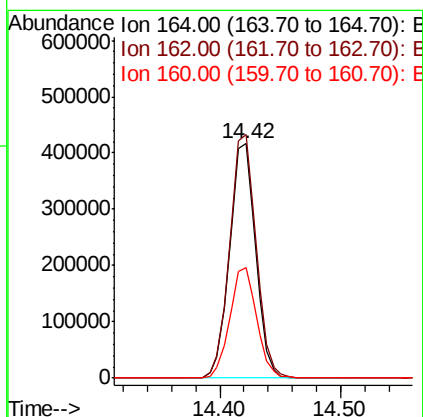
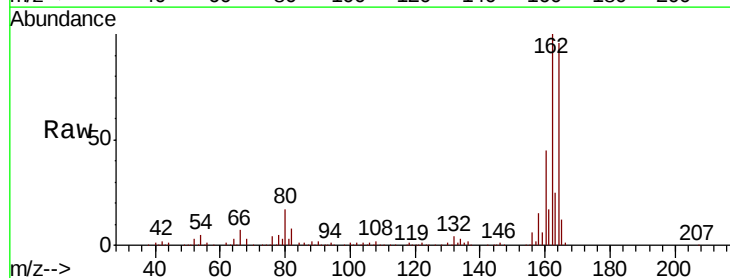
Instrument :
BNA_M
ClientSampleId :
PB120267BL

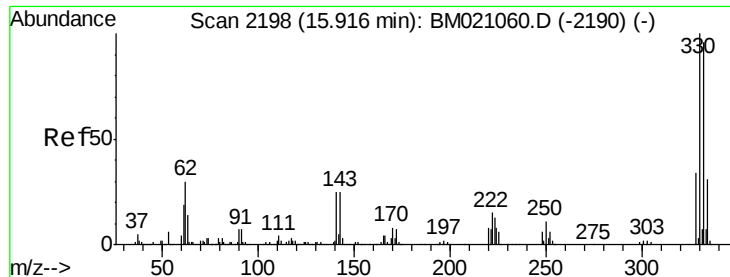
Tot Ion: 82 Resp: 1100552
Ion Ratio Lower Upper
82 100
128 43.7 35.9 53.9
54 45.7 36.6 55.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion: 164 Resp: 627554
Ion Ratio Lower Upper
164 100
162 104.0 82.1 123.1
160 47.0 37.1 55.7

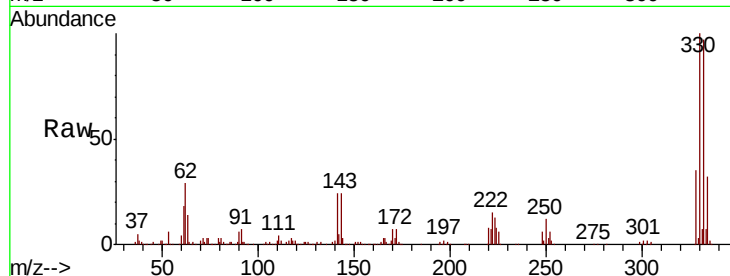




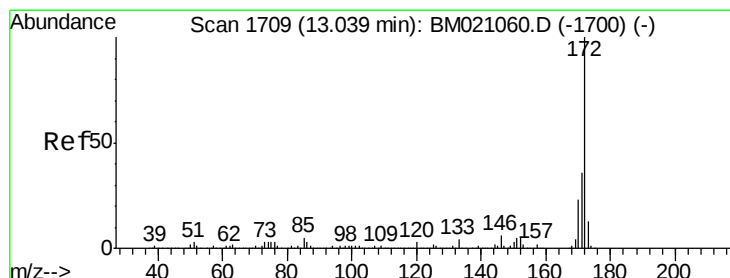
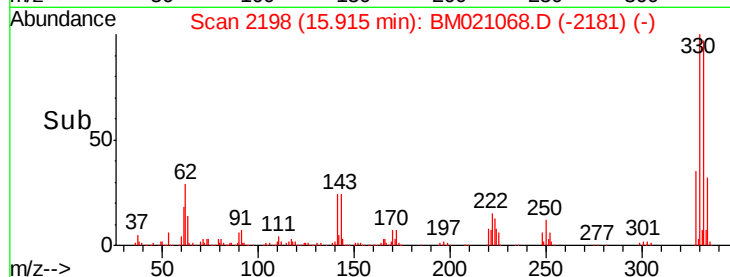
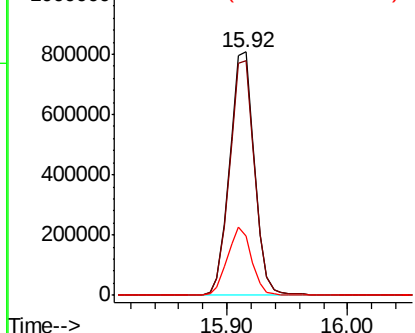
#42
 2,4,6-Tribromophenol
 Concen: 98.414 ng
 RT: 15.92 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BM021068.D
 Acq: 20 Jun 2019 19:14

Instrument :
 BNA_M
 ClientSampleId :
 PB120267BL

Tot Ion:330 Resp: 1158897
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 27.4 21.8 32.8

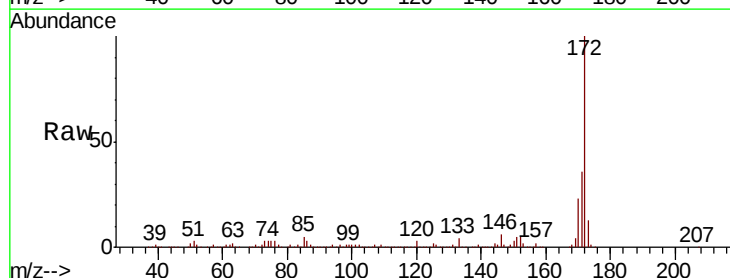


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

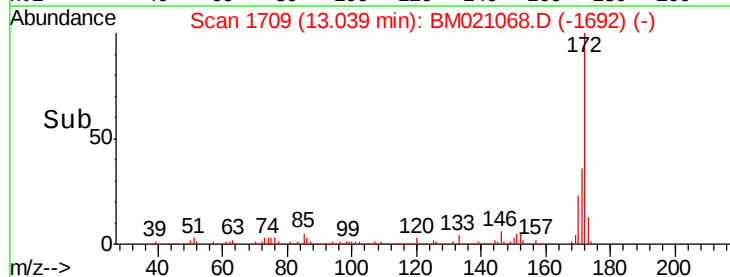
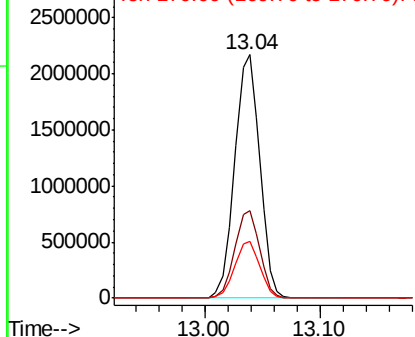


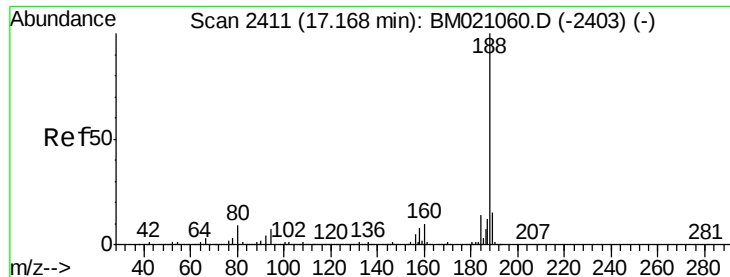
#45
 2-Fluorobiphenyl
 Concen: 63.851 ng
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BM021068.D
 Acq: 20 Jun 2019 19:14

Tgt Ion:172 Resp: 3260365
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.2 18.7 28.1



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

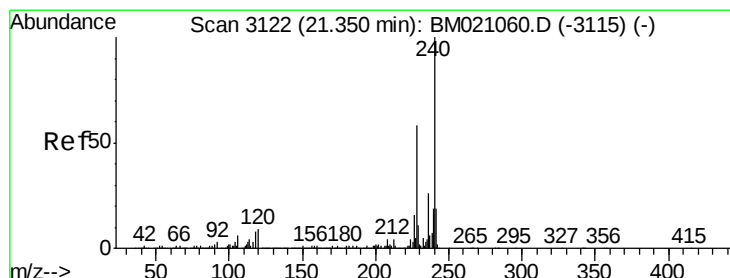
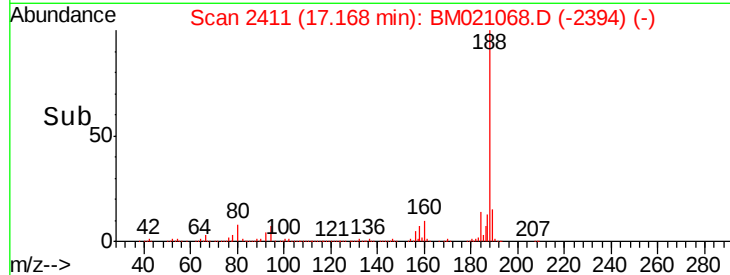
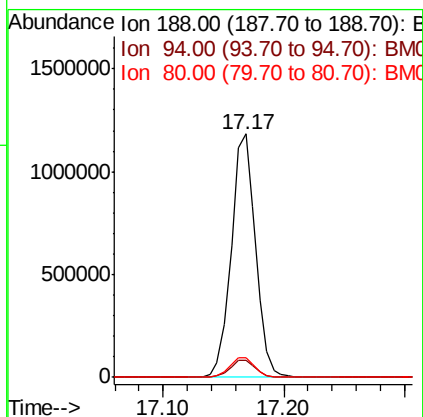
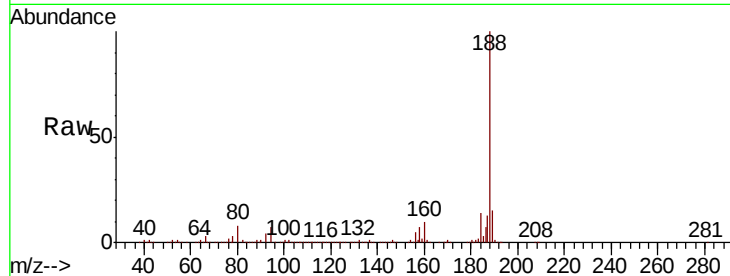




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

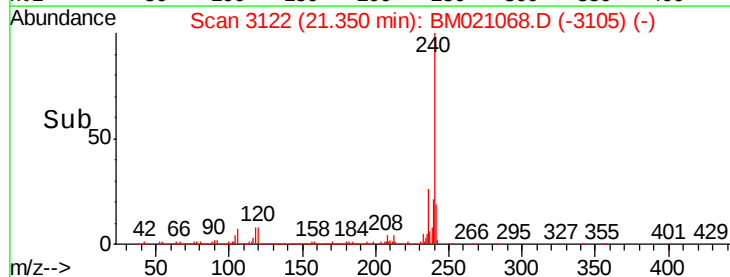
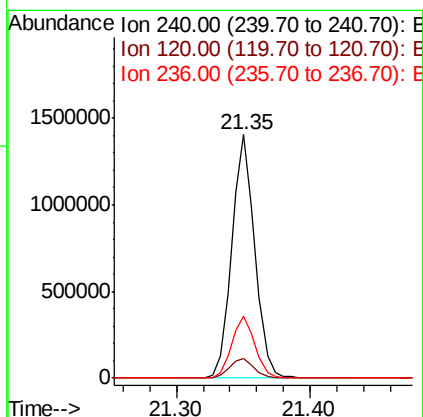
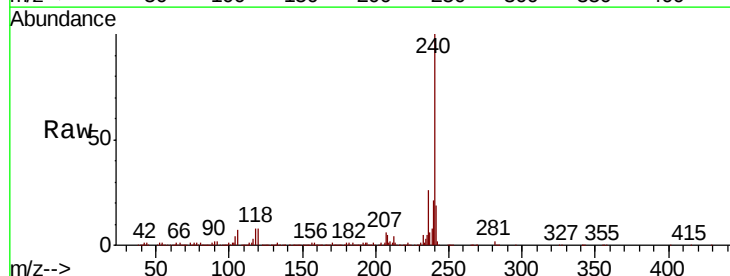
Instrument :
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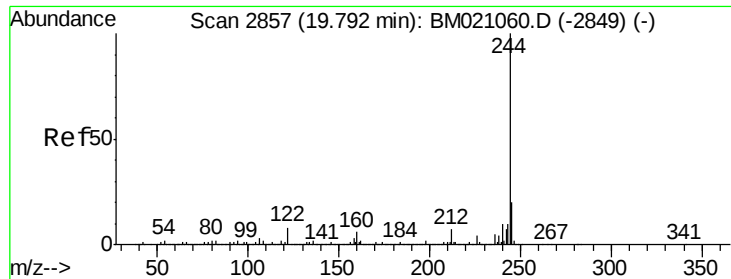
Tot Ion:188 Resp: 1653985
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.8
80 8.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion:240 Resp: 1686634
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.7 20.4 30.6





#79

Terphenyl-d14

Concen: 70.142 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BM021068.D

Acq: 20 Jun 2019 19:14

Instrument :

BNA_M

ClientSampleId :

PB120267BL

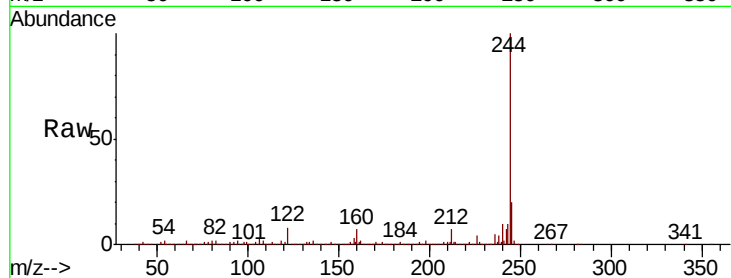
Tot Ion:244 Resp: 6334147

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

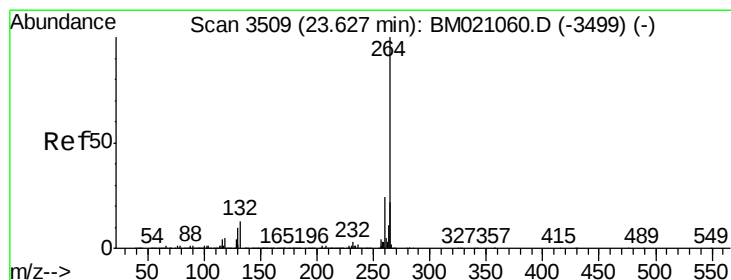
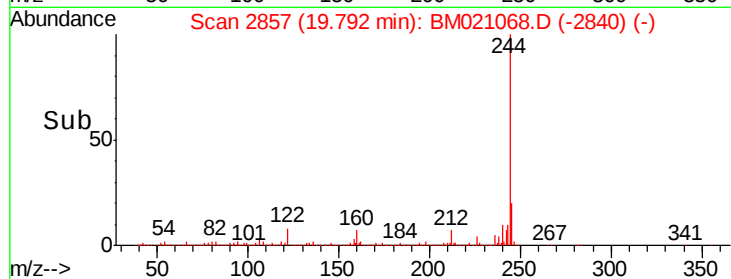
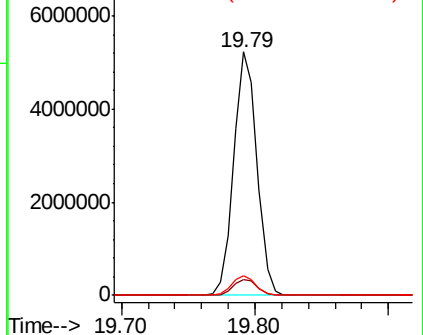
122 8.2 6.6 9.8



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: 23.63 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BM021068.D

Acq: 20 Jun 2019 19:14

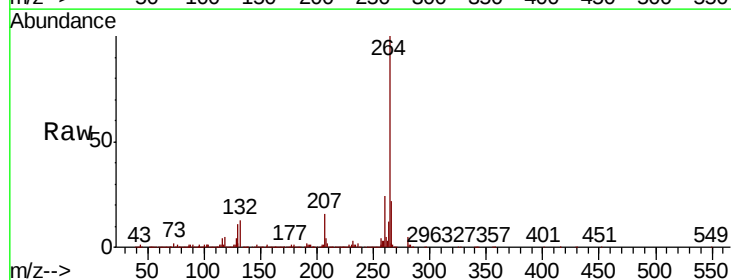
Tgt Ion:264 Resp: 1821599

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 22.2 17.7 26.5



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

