

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
 Data File : BM020008.D
 Acq On : 22 Apr 2019 16:29
 Operator : JU/SJ
 Sample : K2193-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-A

Quant Time: Apr 23 10:32:49 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	7.50	152	91927	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	296240	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	162343	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	337478	20.00	ng	0.00
76) Chrysene-d12	21.16	240	314233	20.00	ng	0.00
87) Perylene-d12	23.36	264	377569	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	728902	128.50	ng	-0.01
7) Phenol-d6	6.70	99	819664	96.02	ng	-0.01
23) Nitrobenzene-d5	8.68	82	648378	97.88	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	330726	126.56	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1242478	95.38	ng	-0.01
79) Terphenyl-d14	19.59	244	1892077	106.20	ng	0.00

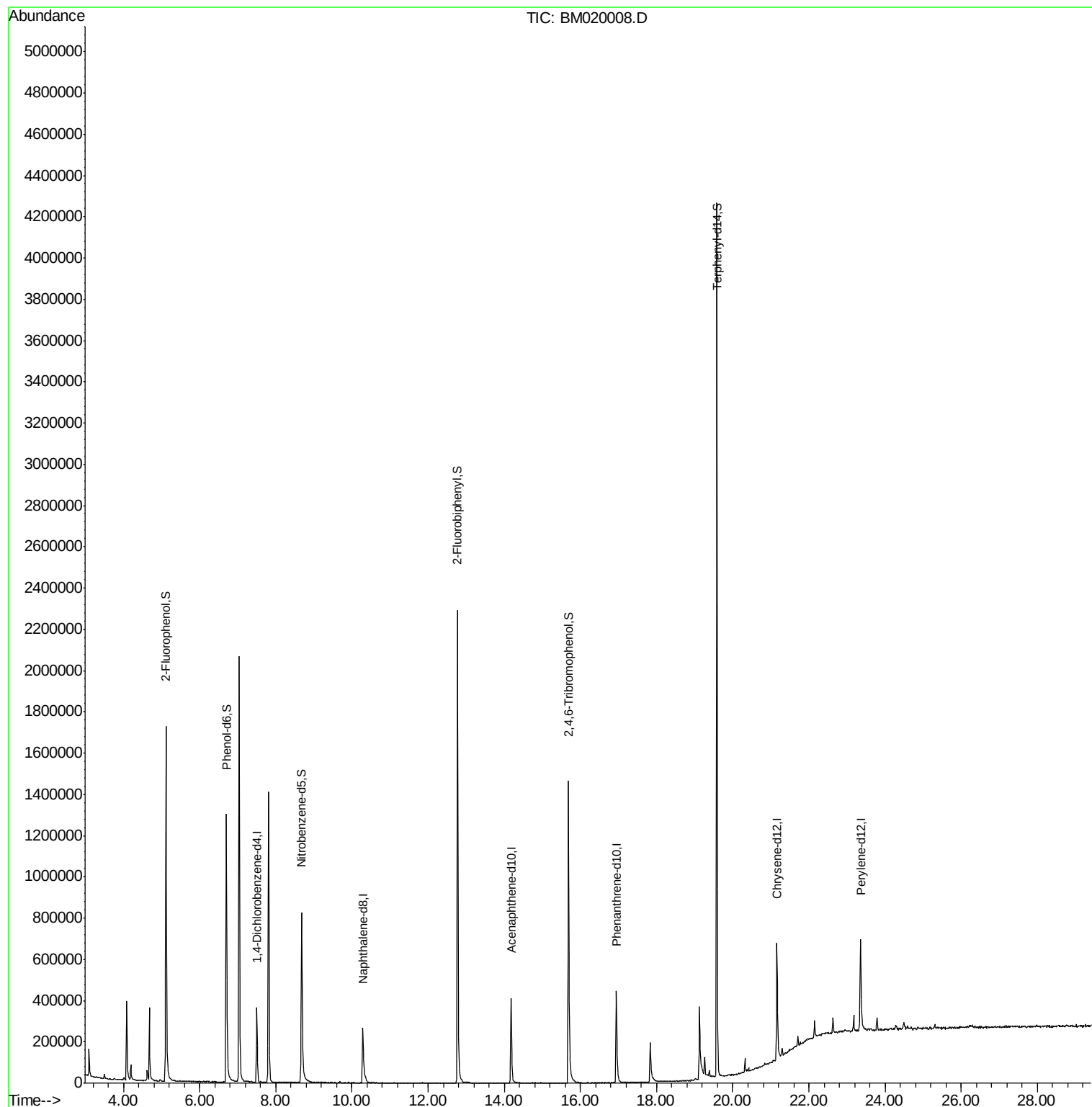
Target Compounds	Qvalue
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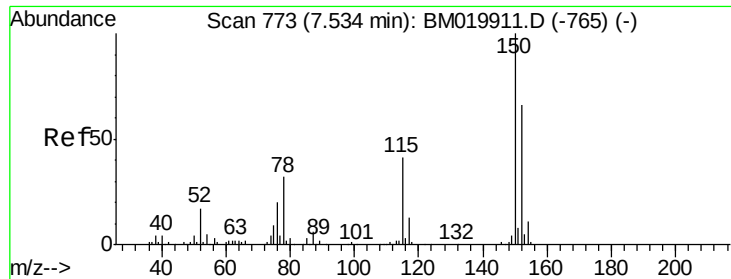
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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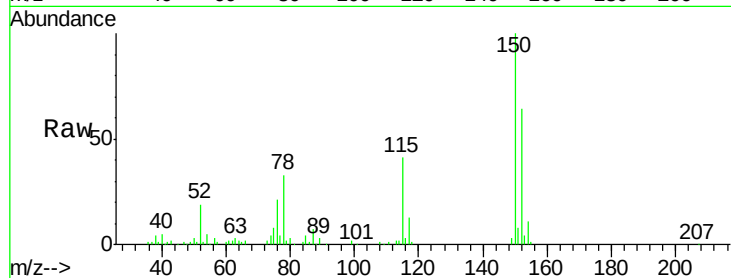


#1

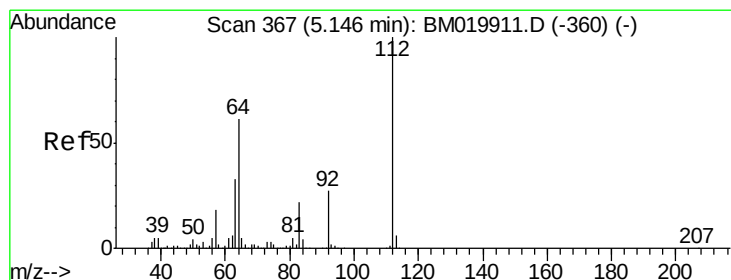
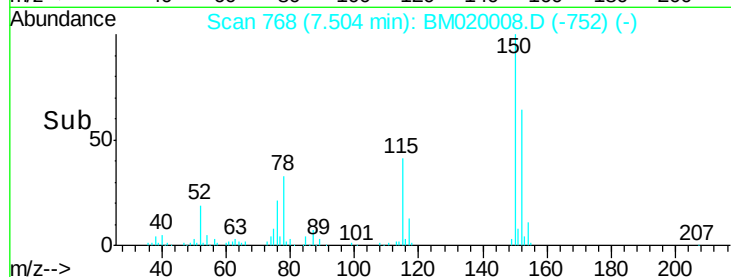
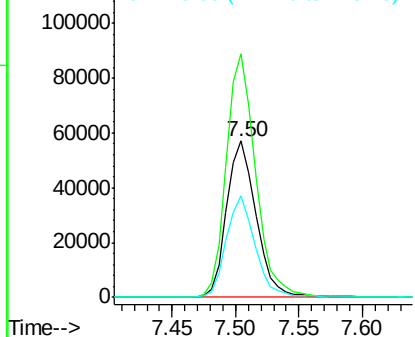
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM020008.D
Acq: 22 Apr 2019 16:29

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Tgt Ion:152 Resp: 91927
Ion Ratio Lower Upper
152 100
150 156.1 122.1 183.1
115 64.7 50.0 75.0



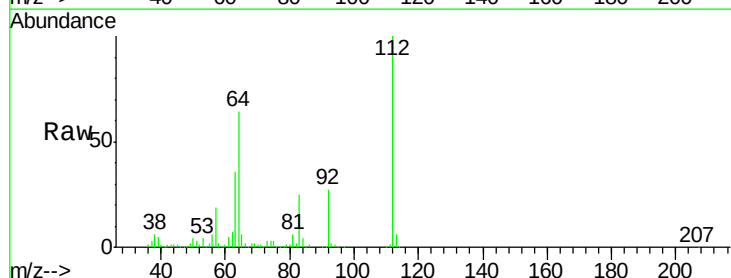
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



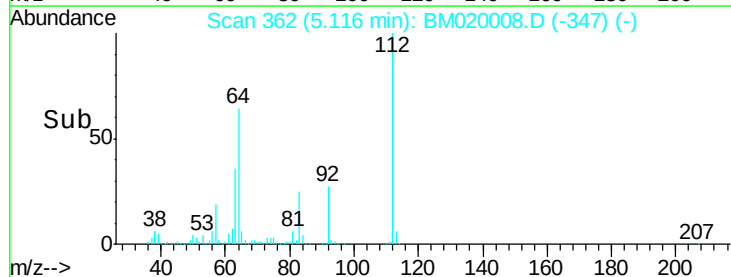
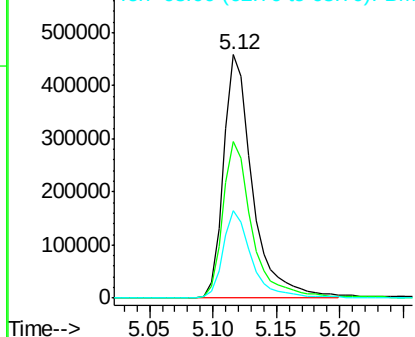
#5

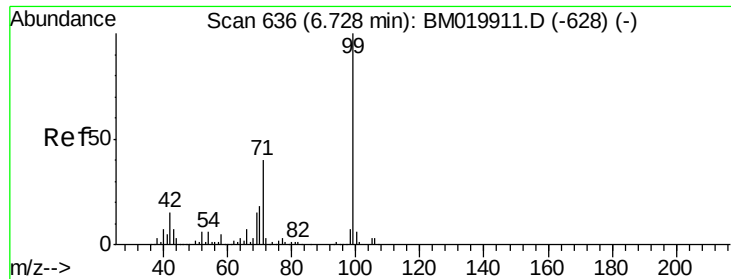
2-Fluorophenol
Concen: 128.504 ng
RT: 5.12 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM020008.D
Acq: 22 Apr 2019 16:29

Tgt Ion:112 Resp: 728902
Ion Ratio Lower Upper
112 100
64 64.1 49.1 73.7
63 35.9 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: 96.017 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020008.D

Acq: 22 Apr 2019 16:29

Instrument :

BNA_M

ClientSampleId :

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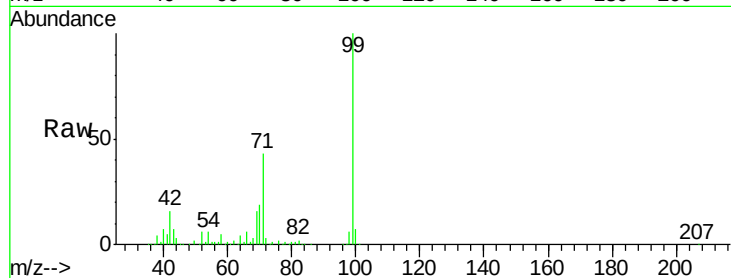
Tgt Ion: 99 Resp: 819664

Ion Ratio Lower Upper

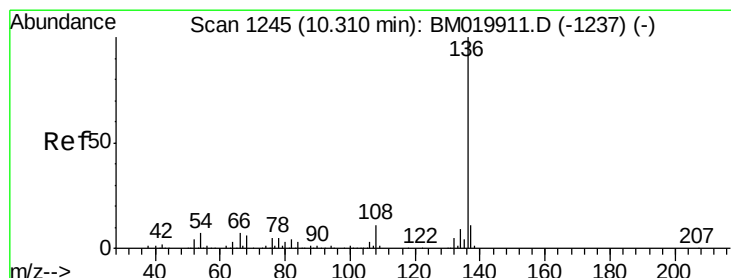
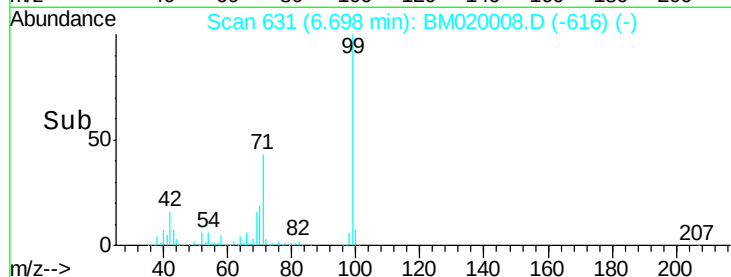
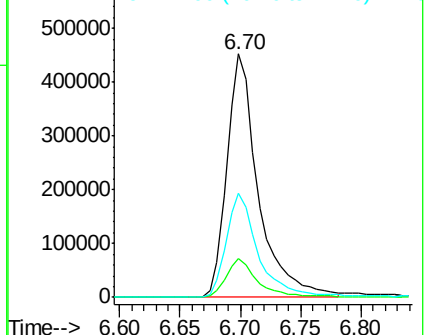
99 100

42 15.8 11.8 17.8

71 42.7 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: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM020008.D

Acq: 22 Apr 2019 16:29

Tgt Ion: 136 Resp: 296240

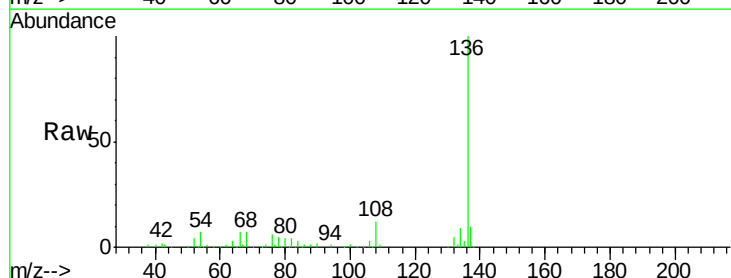
Ion Ratio Lower Upper

136 100

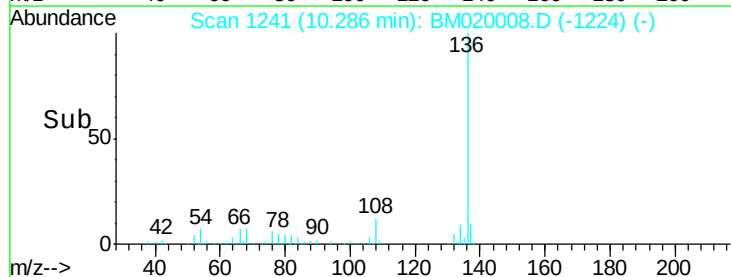
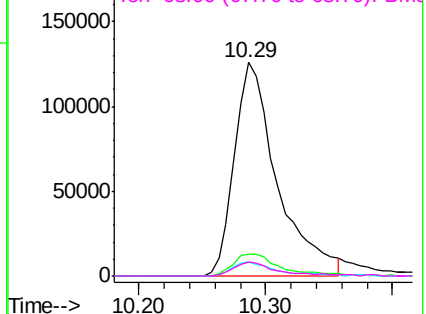
137 10.2 9.0 13.6

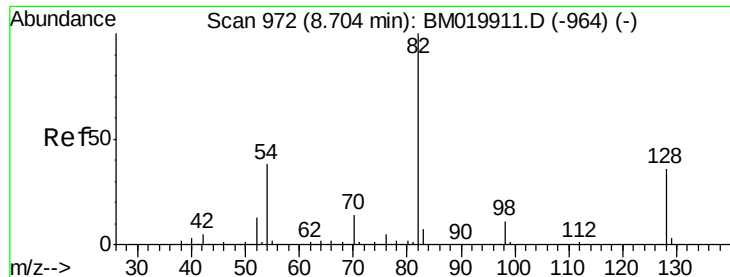
54 6.5 5.3 7.9

68 6.8 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

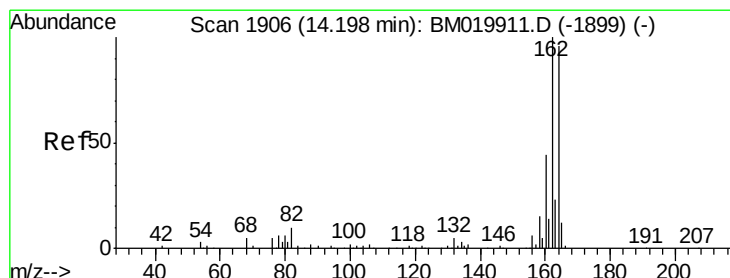
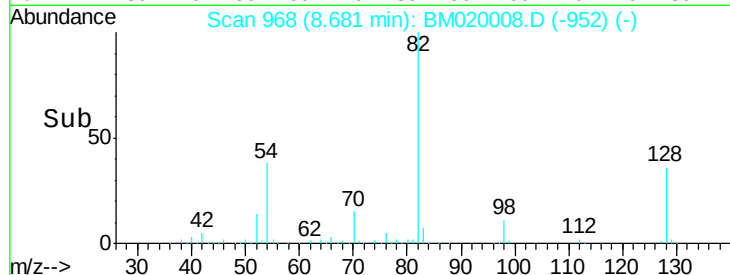
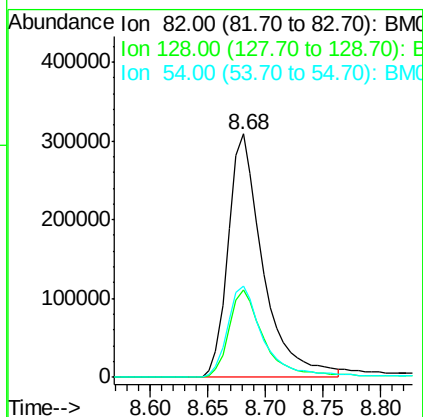
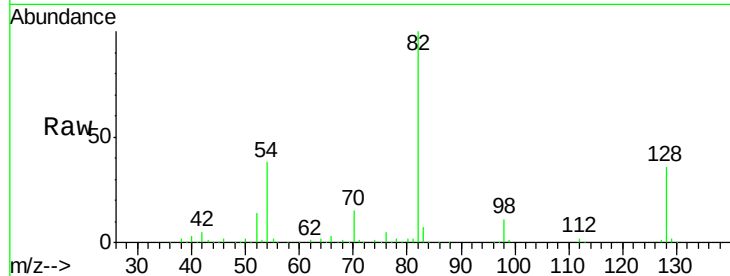




#23
Nitrobenzene-d5
Concen: 97.881 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM020008.D
Acq: 22 Apr 2019 16:29

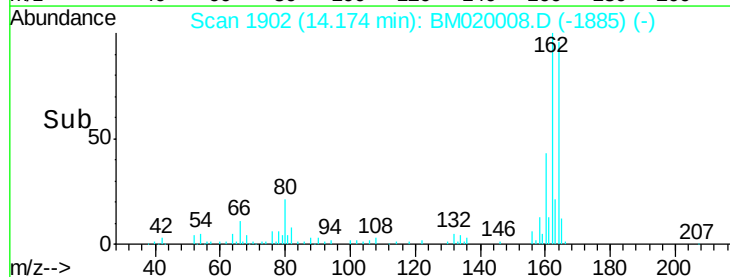
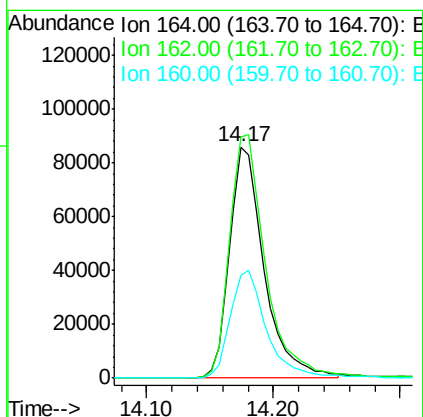
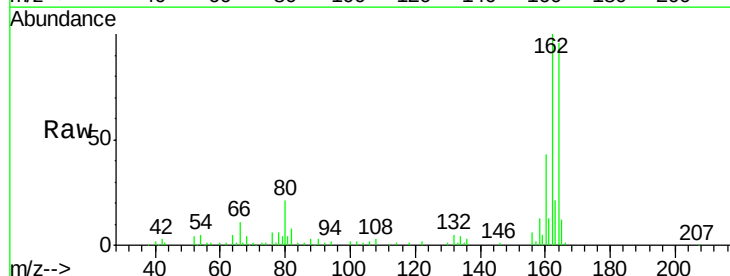
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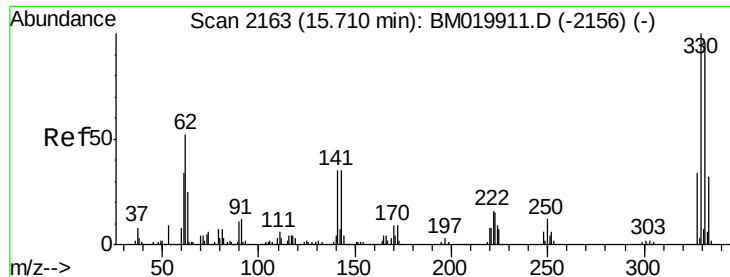
Tgt Ion: 82 Resp: 648378
Ion Ratio Lower Upper
82 100
128 36.1 29.0 43.4
54 37.6 30.2 45.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BM020008.D
Acq: 22 Apr 2019 16:29

Tgt Ion: 164 Resp: 162343
Ion Ratio Lower Upper
164 100
162 104.3 83.0 124.4
160 44.4 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 126.556 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BM020008.D

Acq: 22 Apr 2019 16:29

Instrument :

BNA_M

ClientSampleId :

HR-05-041719-A

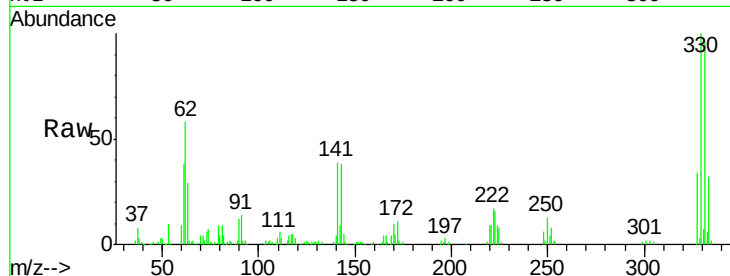
Tgt Ion:330 Resp: 330726

Ion Ratio Lower Upper

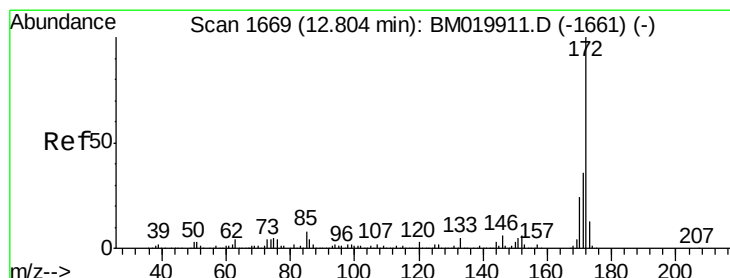
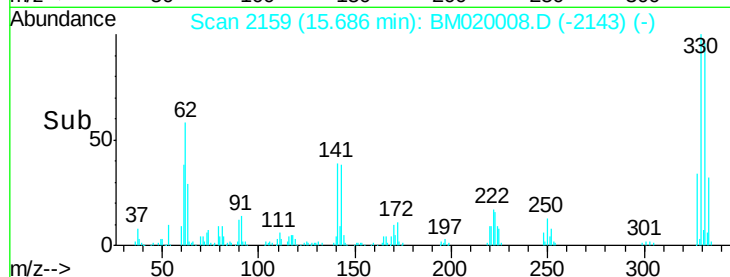
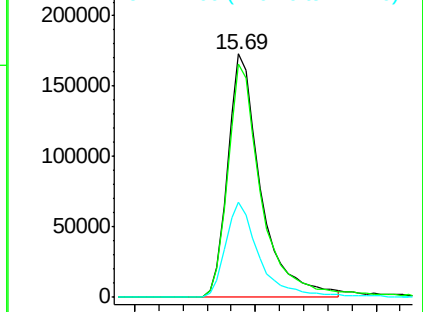
330 100

332 95.7 77.4 116.2

141 39.3 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: 95.379 ng

RT: 12.77 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BM020008.D

Acq: 22 Apr 2019 16:29

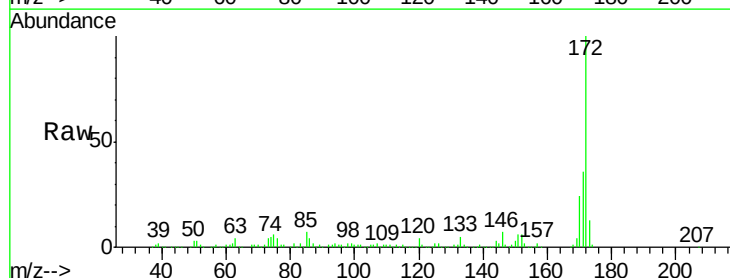
Tgt Ion:172 Resp: 1242478

Ion Ratio Lower Upper

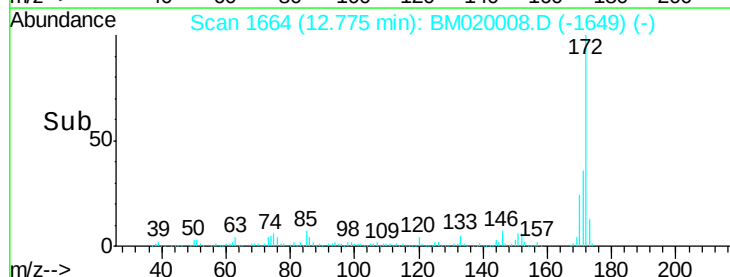
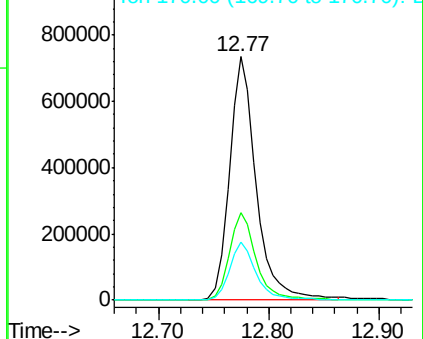
172 100

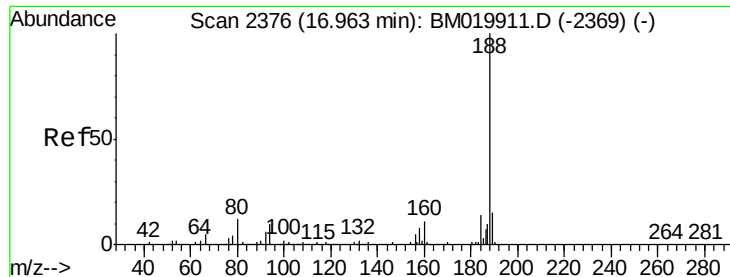
171 36.1 28.9 43.3

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

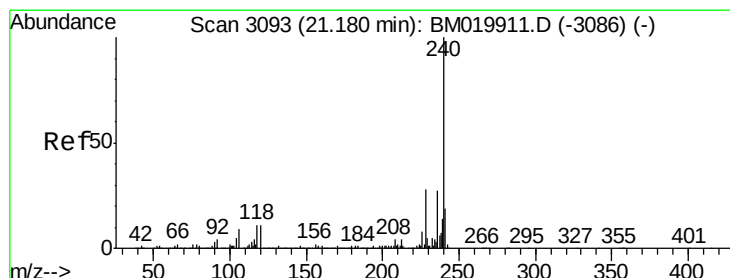
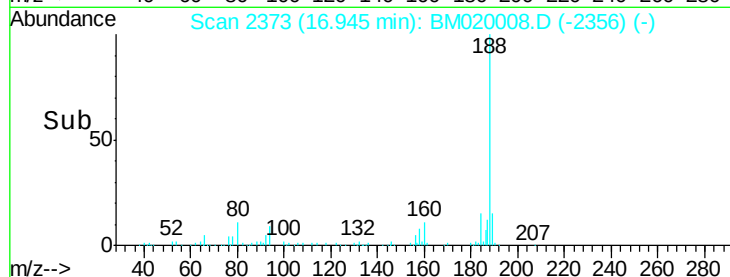
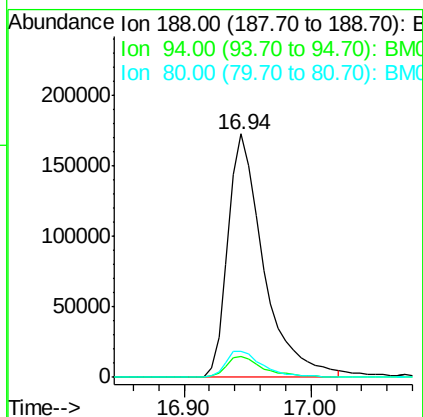
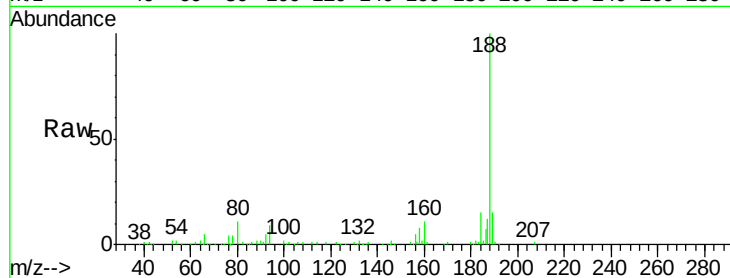




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM020008.D
Acq: 22 Apr 2019 16:29

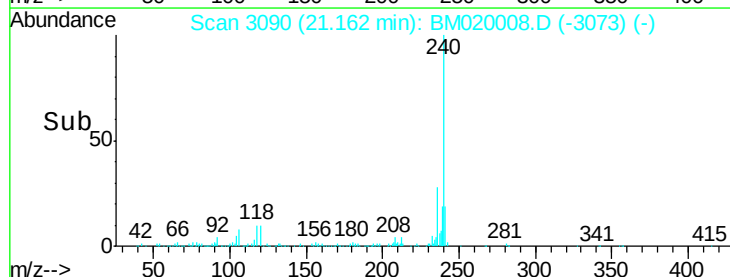
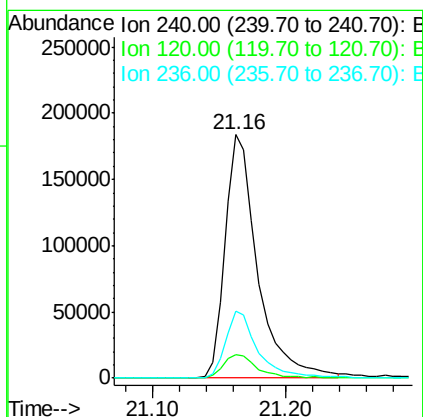
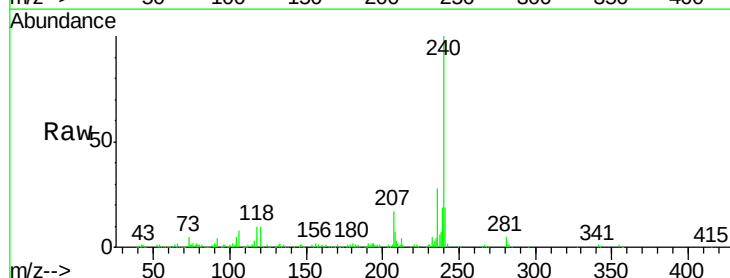
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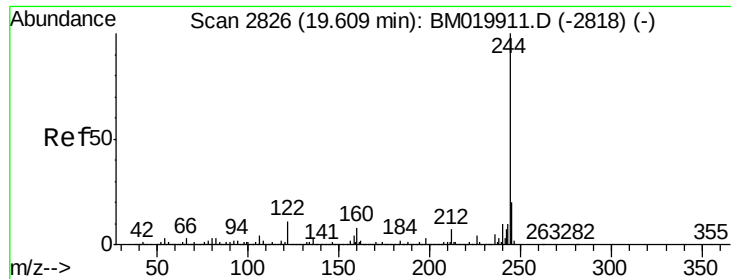
Tgt Ion:188 Resp: 337478
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 10.6 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM020008.D
Acq: 22 Apr 2019 16:29

Tgt Ion:240 Resp: 314233
Ion Ratio Lower Upper
240 100
120 9.8 8.6 13.0
236 27.6 21.4 32.2

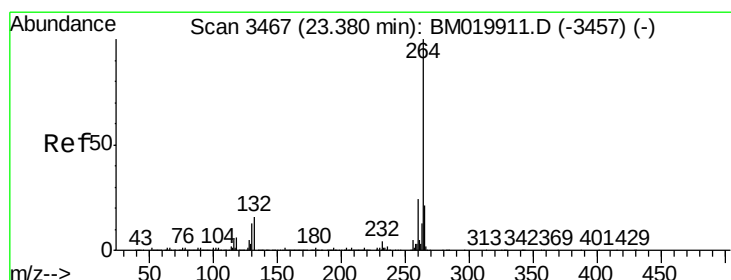
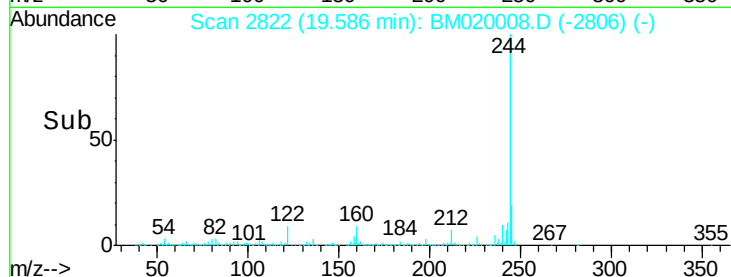
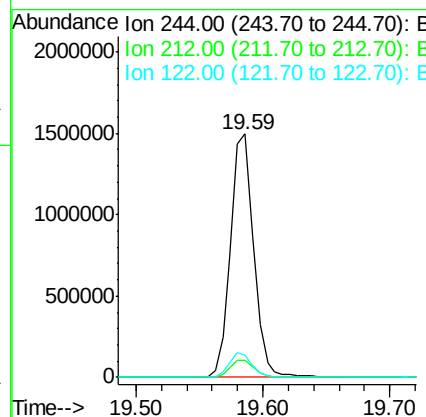
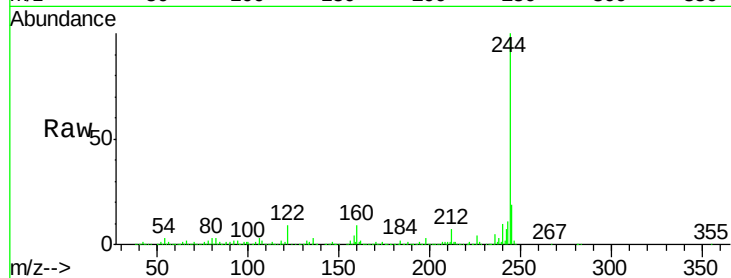




#79
 Terphenyl-d14
 Concen: 106.204 ng
 RT: 19.59 min Scan# 2822
 Delta R.T. -0.01 min
 Lab File: BM020008.D
 Acq: 22 Apr 2019 16:29

Instrument :
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Tgt Ion:244 Resp: 1892077
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.3 9.1 13.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.36 min Scan# 3463
 Delta R.T. 0.01 min
 Lab File: BM020008.D
 Acq: 22 Apr 2019 16:29

Tgt Ion:264 Resp: 377569
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.3 17.2 25.8

