

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
 Data File : BM020012.D
 Acq On : 22 Apr 2019 18:54
 Operator : JU/SJ
 Sample : K2193-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Apr 23 01:58:45 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	100201	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	343464	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	198687	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	443607	20.00	ng	0.00
76) Chrysene-d12	21.16	240	455389	20.00	ng	0.00
87) Perylene-d12	23.36	264	517092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	776912	125.66	ng	-0.01
7) Phenol-d6	6.70	99	872222	93.74	ng	-0.01
23) Nitrobenzene-d5	8.67	82	737394	96.01	ng	-0.01
42) 2,4,6-Tribromophenol	15.69	330	432028	135.08	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1474608	92.49	ng	-0.01
79) Terphenyl-d14	19.59	244	2695986	104.42	ng	0.00

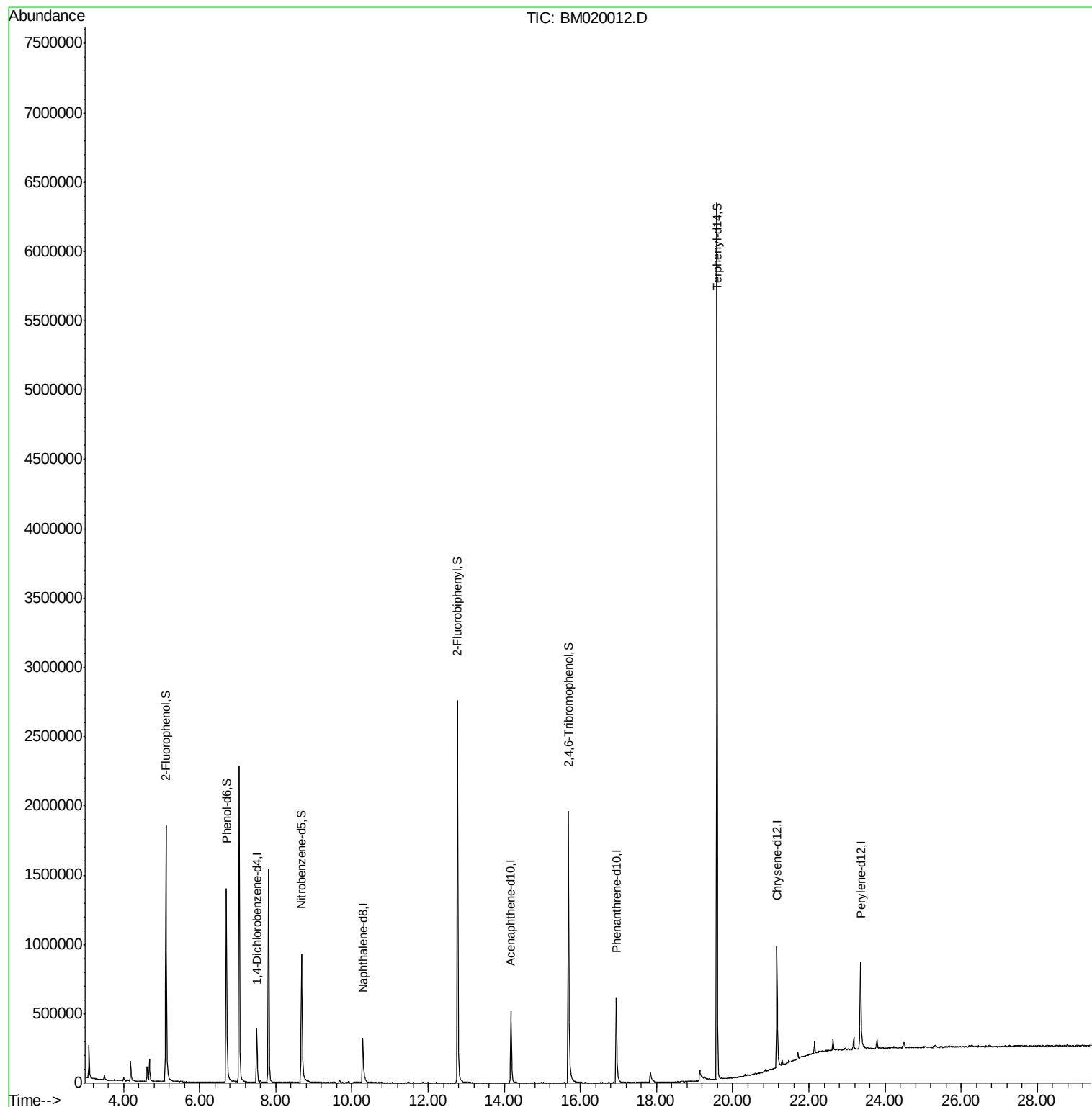
Target Compounds	Qvalue
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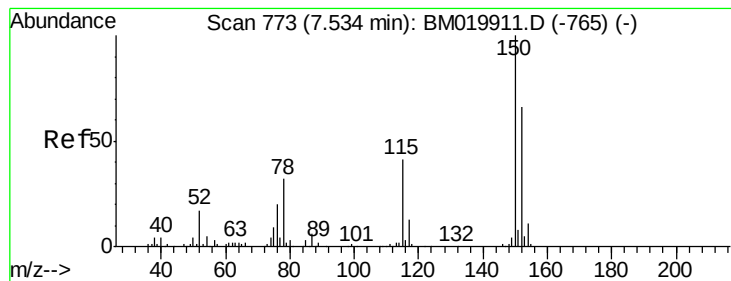
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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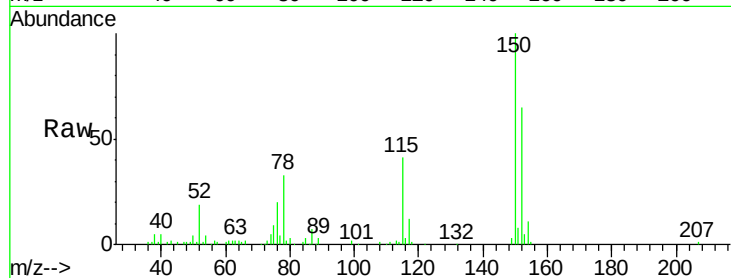


#1

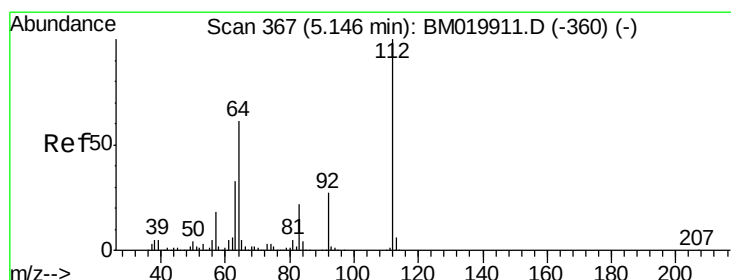
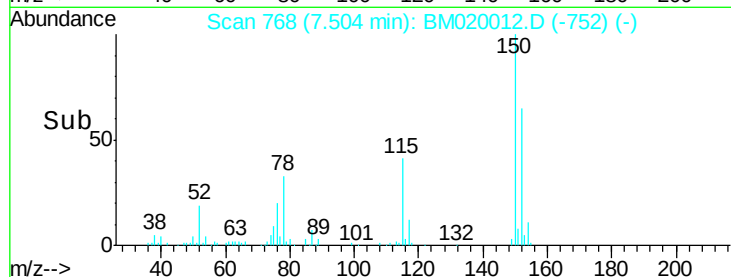
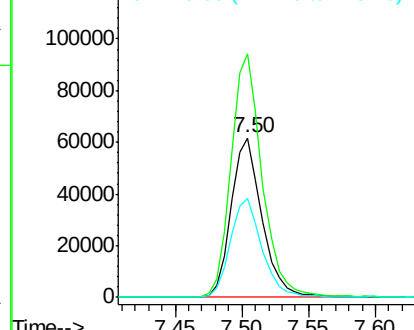
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM020012.D
Acq: 22 Apr 2019 18:54

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

Tgt Ion:152 Resp: 100201
Ion Ratio Lower Upper
152 100
150 152.7 122.1 183.1
115 62.3 50.0 75.0



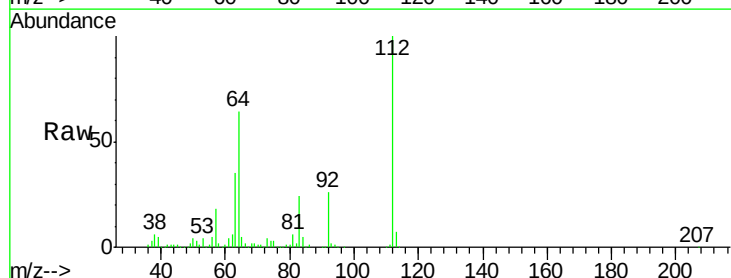
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



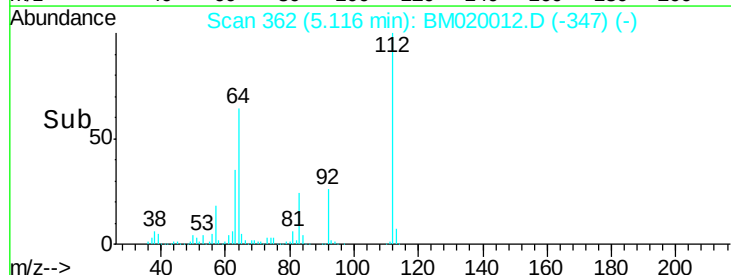
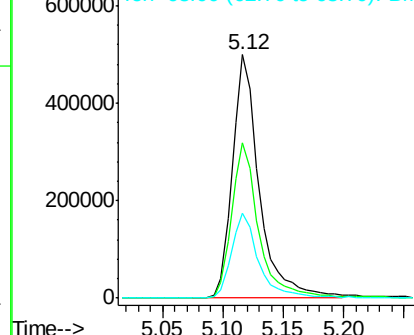
#5

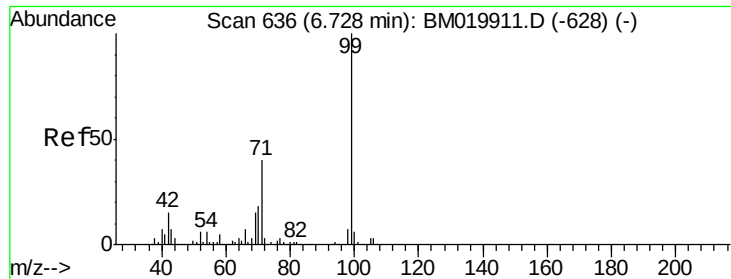
2-Fluorophenol
Concen: 125.658 ng
RT: 5.12 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM020012.D
Acq: 22 Apr 2019 18:54

Tgt Ion:112 Resp: 776912
Ion Ratio Lower Upper
112 100
64 63.5 49.1 73.7
63 34.8 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: 93.737 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020012.D

Acq: 22 Apr 2019 18:54

Instrument :

BNA_M

ClientSampleId :

HR-05-041719-C

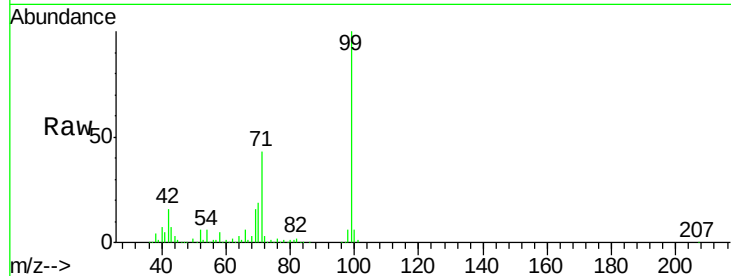
Tgt Ion: 99 Resp: 872222

Ion Ratio Lower Upper

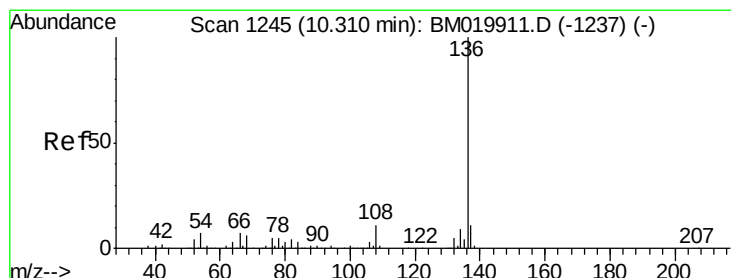
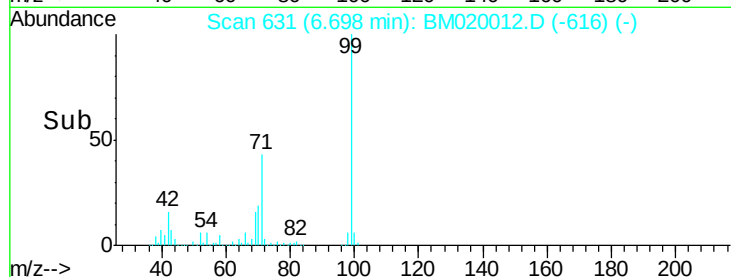
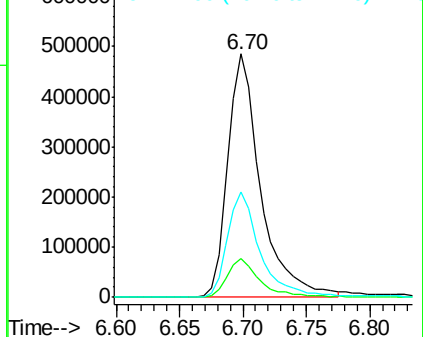
99 100

42 15.8 11.8 17.8

71 43.1 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: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM020012.D

Acq: 22 Apr 2019 18:54

Tgt Ion: 136 Resp: 343464

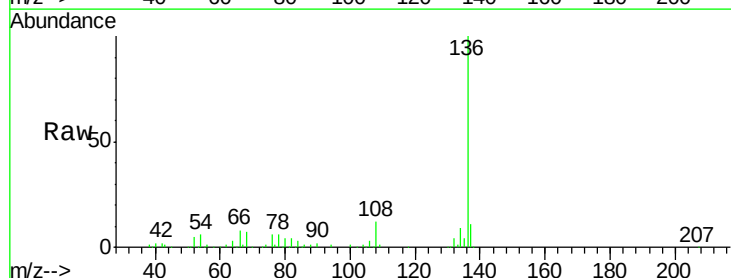
Ion Ratio Lower Upper

136 100

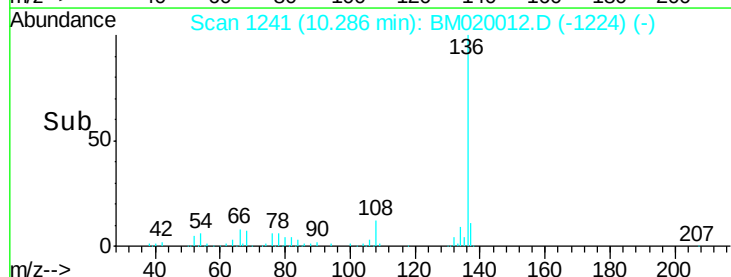
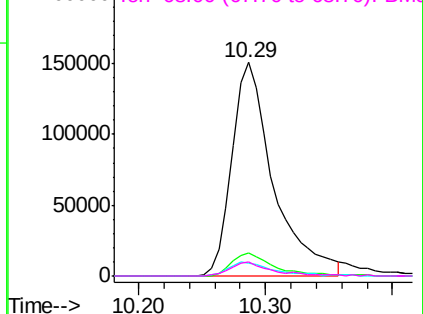
137 10.8 9.0 13.6

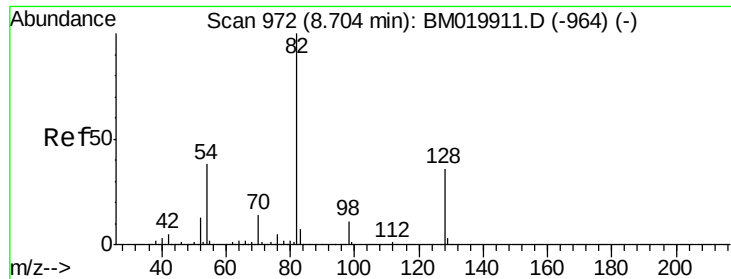
54 6.1 5.3 7.9

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

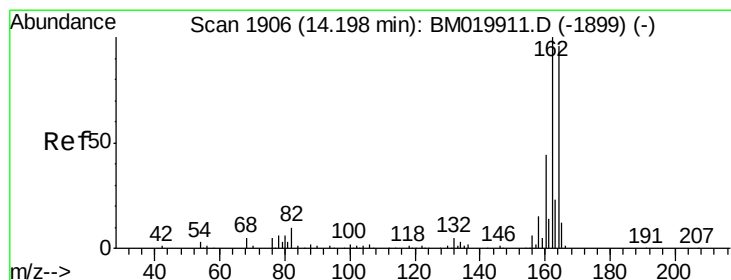
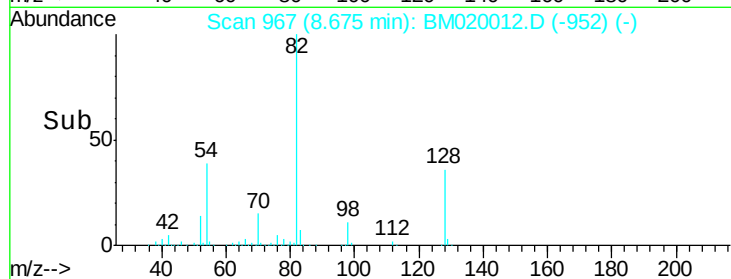
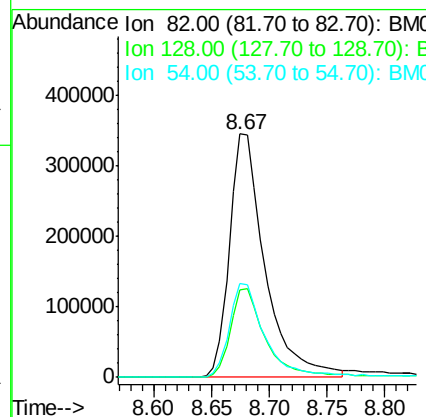
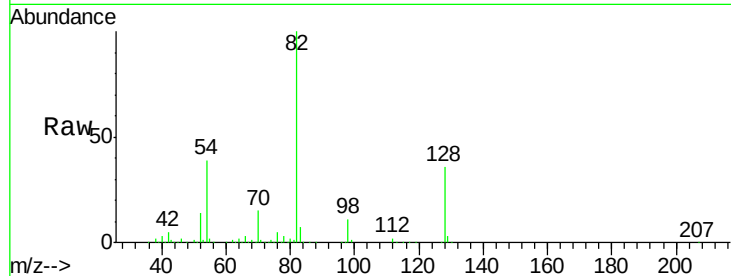




#23
 Nitrobenzene-d5
 Concen: 96.013 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM020012.D
 Acq: 22 Apr 2019 18:54

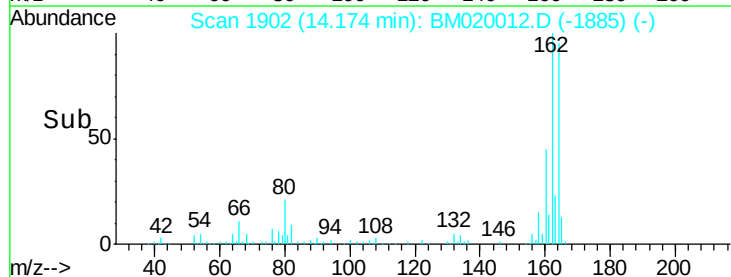
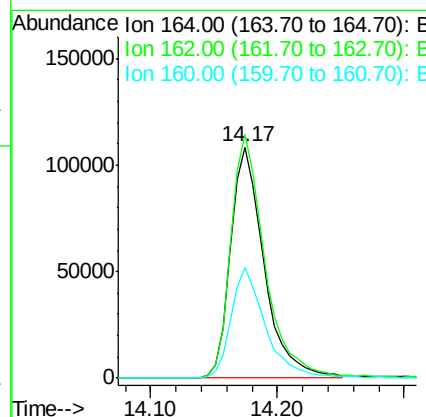
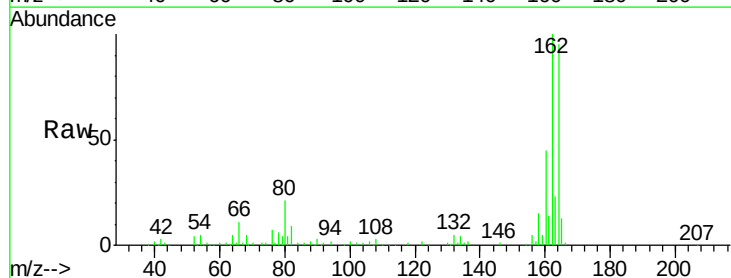
Instrument :
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 HR-05-041719-C

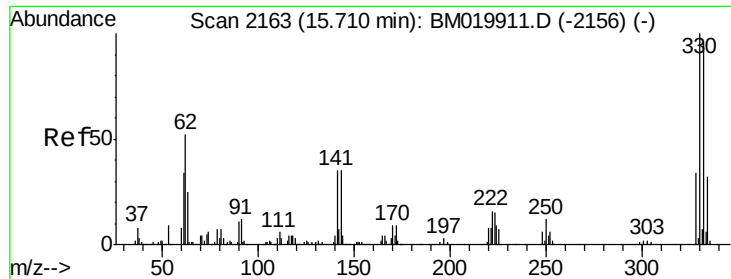
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.0	43.4
54	38.8	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BM020012.D
 Acq: 22 Apr 2019 18:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.4
160	47.7	36.6	55.0

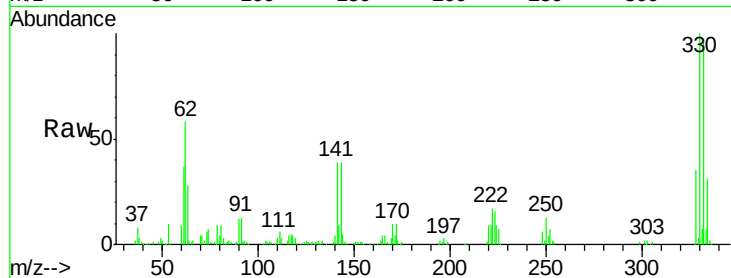




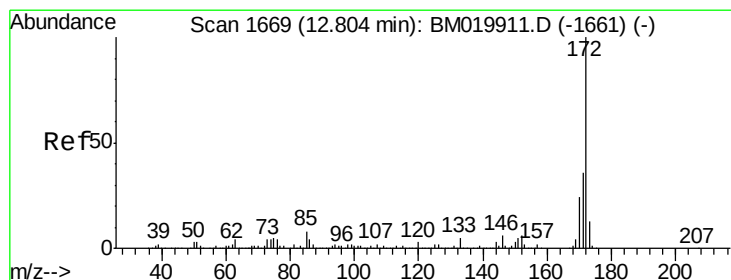
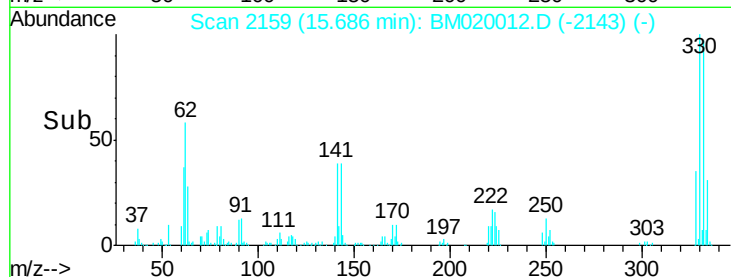
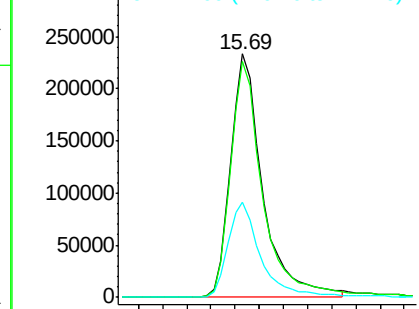
#42
 2,4,6-Tribromophenol
 Concen: 135.080 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020012.D
 Acq: 22 Apr 2019 18:54

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

Tgt Ion:330 Resp: 432028
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 39.4 29.0 43.4

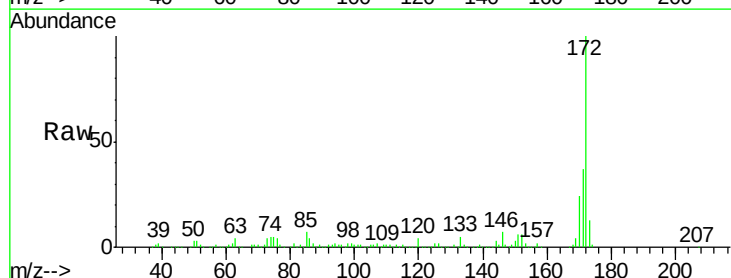


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

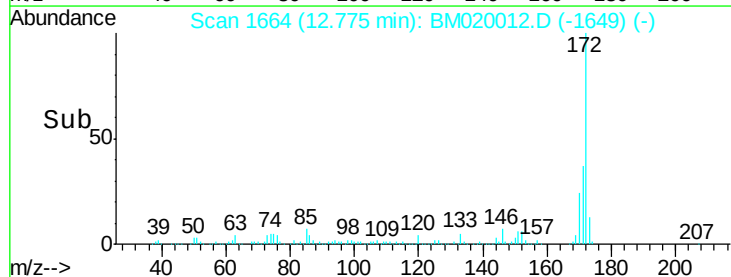
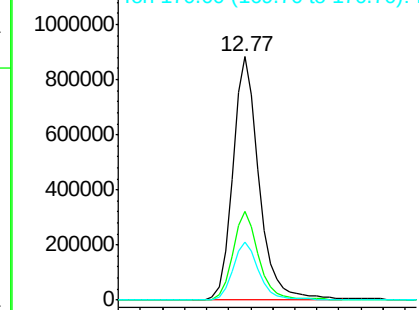


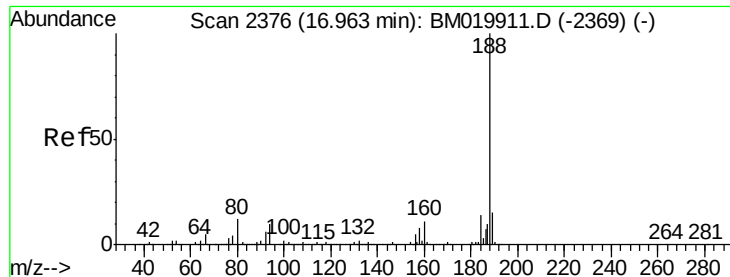
#45
 2-Fluorobiphenyl
 Concen: 92.492 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM020012.D
 Acq: 22 Apr 2019 18:54

Tgt Ion:172 Resp: 1474608
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 23.7 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

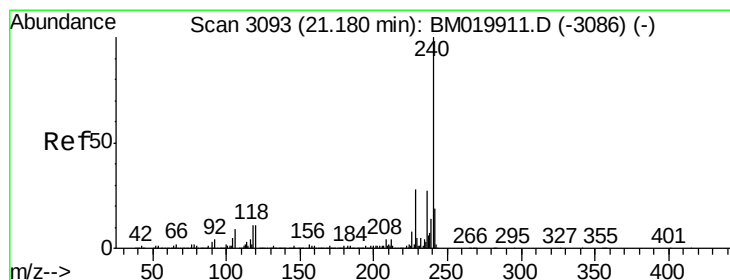
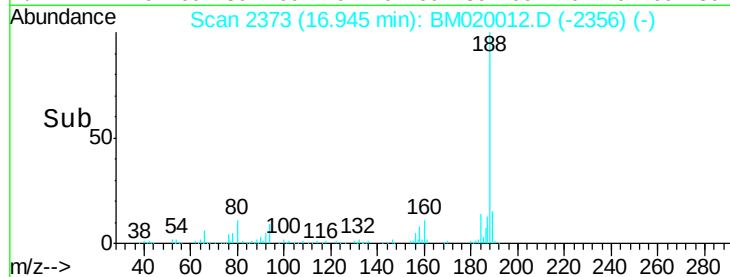
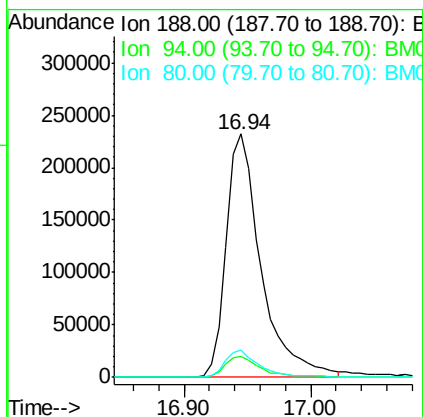
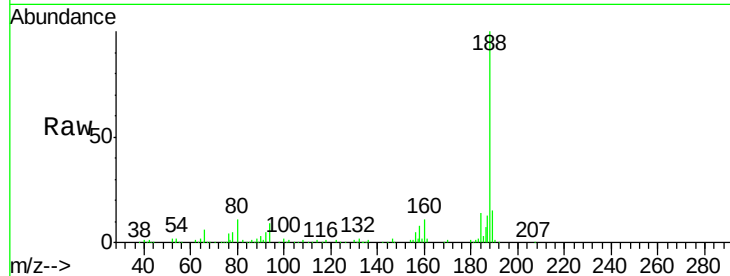




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM020012.D
Acq: 22 Apr 2019 18:54

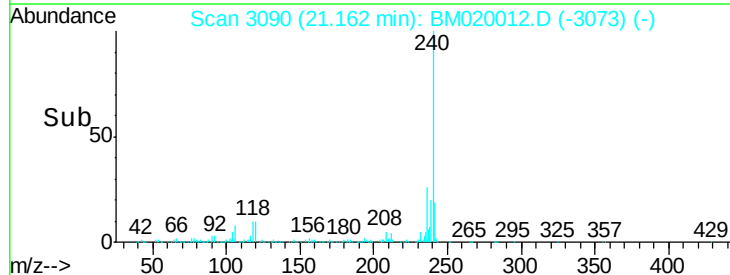
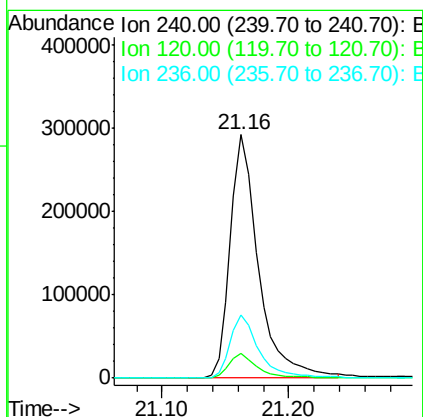
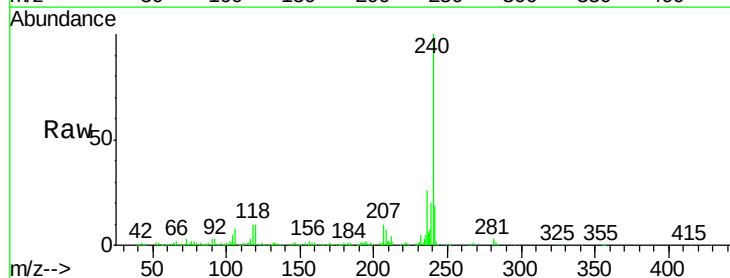
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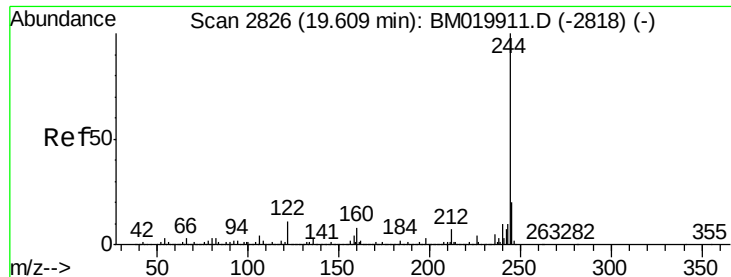
Tgt Ion:188 Resp: 443607
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 11.1 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM020012.D
Acq: 22 Apr 2019 18:54

Tgt Ion:240 Resp: 455389
Ion Ratio Lower Upper
240 100
120 10.3 8.6 13.0
236 25.8 21.4 32.2





#79

Terphenyl-d14

Concen: 104.422 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM020012.D

Acq: 22 Apr 2019 18:54

Instrument :

BNA_M

ClientSampleId :

HR-05-041719-C

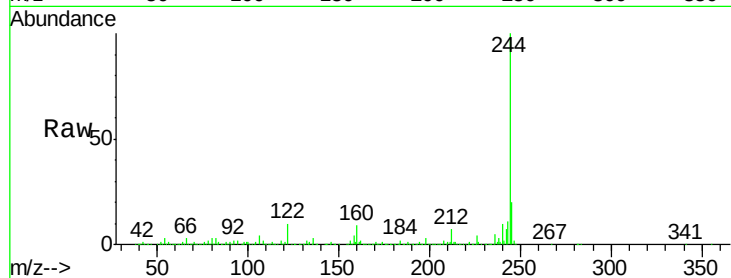
Tgt Ion:244 Resp: 2695986

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

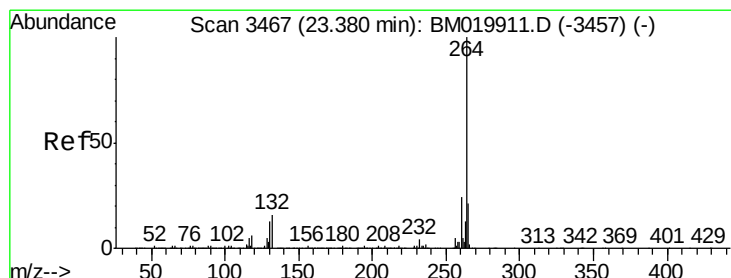
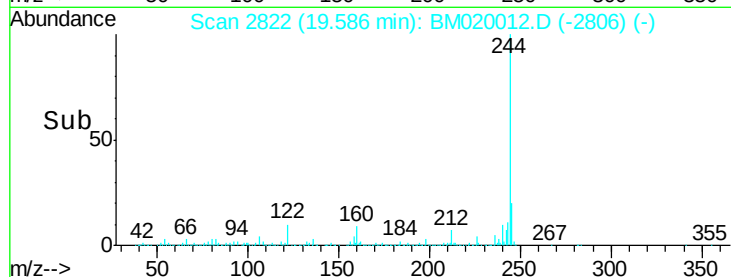
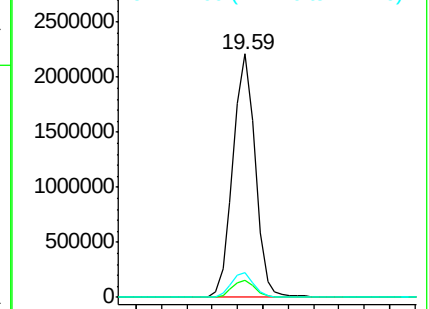
122 10.3 9.1 13.7



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: 23.36 min Scan# 3463

Delta R.T. 0.01 min

Lab File: BM020012.D

Acq: 22 Apr 2019 18:54

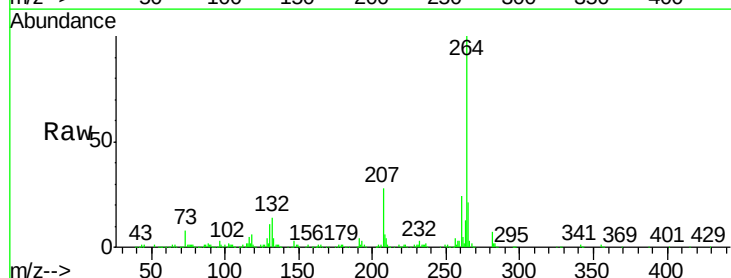
Tgt Ion:264 Resp: 517092

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.4 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

