

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
 Data File : BM017293.D
 Acq On : 23 Oct 2018 20:15
 Operator : MJ/SJ
 Sample : J5604-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-25868-BOX-1

Quant Time: Oct 24 07:39:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

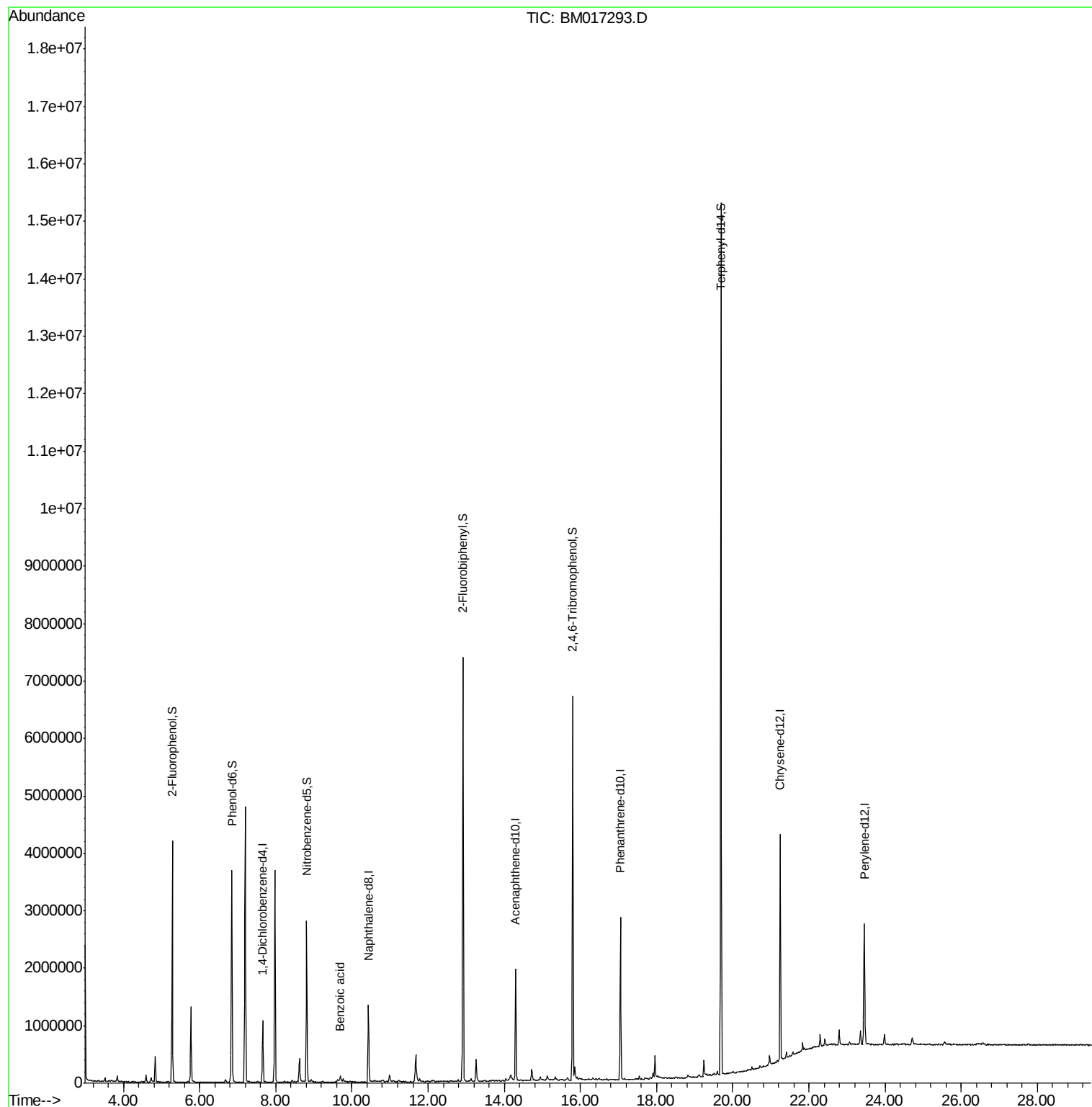
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	285267	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1102414	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	641014	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1577561	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1775616	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1559034	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1761145	104.42	ng	0.00
7) Phenol-d6	6.85	99	2048958	89.20	ng	-0.01
23) Nitrobenzene-d5	8.81	82	1614150	85.63	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1227721	141.63	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3761946	78.09	ng	-0.02
79) Terphenyl-d14	19.69	244	6727563	85.40	ng	-0.01
Target Compounds						
32) Benzoic acid	9.70	122	36374	3.542	ng	Qvalue 98

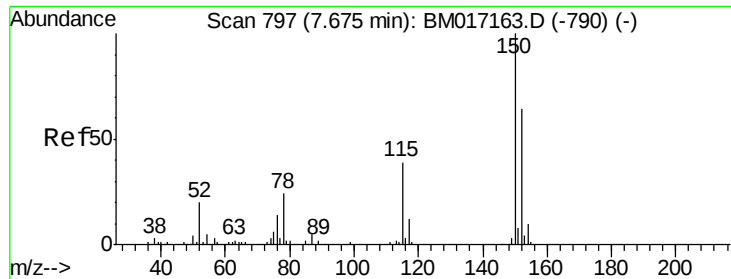
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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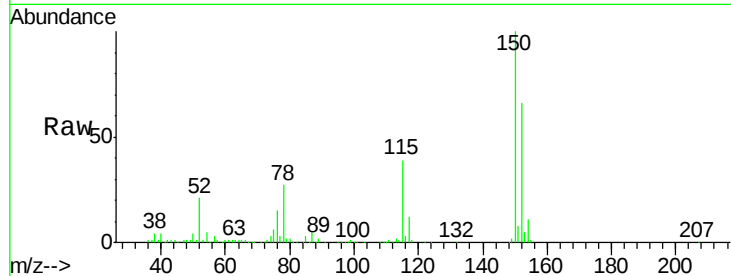


#1

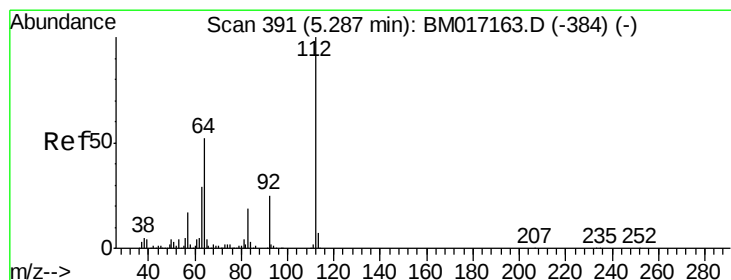
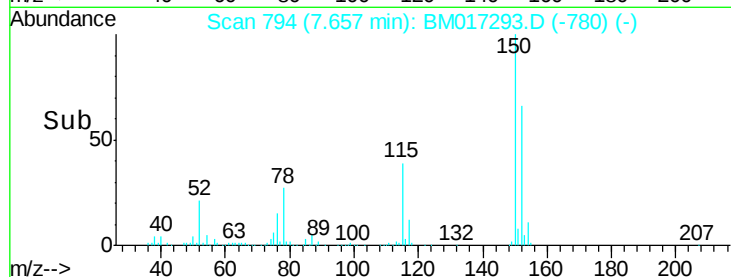
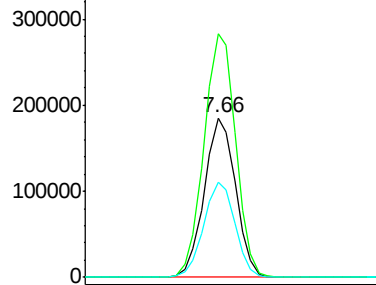
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017293.D
Acq: 23 Oct 2018 20:15

Instrument :
BNA_M
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion:152 Resp: 285267
Ion Ratio Lower Upper
152 100
150 152.6 124.3 186.5
115 59.9 48.1 72.1



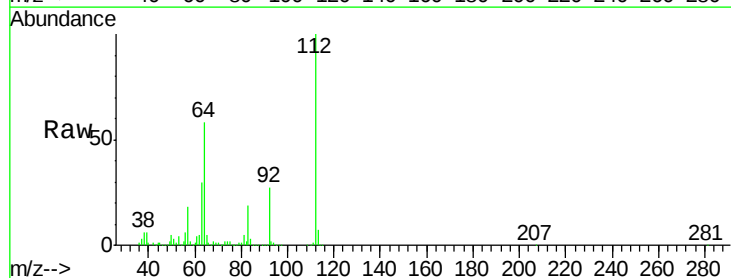
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



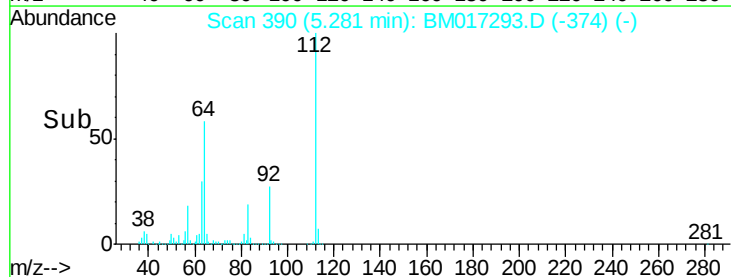
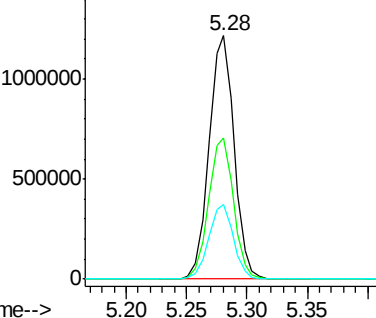
#5

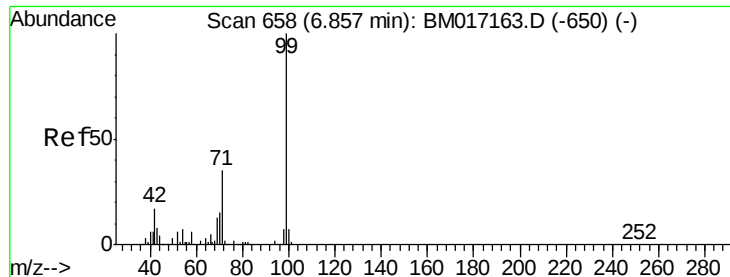
2-Fluorophenol
Concen: 104.417 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017293.D
Acq: 23 Oct 2018 20:15

Tgt Ion:112 Resp: 1761145
Ion Ratio Lower Upper
112 100
64 57.9 41.7 62.5
63 30.4 23.0 34.4



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: 89.197 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017293.D

Acq: 23 Oct 2018 20:15

Instrument :

BNA_M

ClientSampleId :

MS-VB-25868-BOX-1

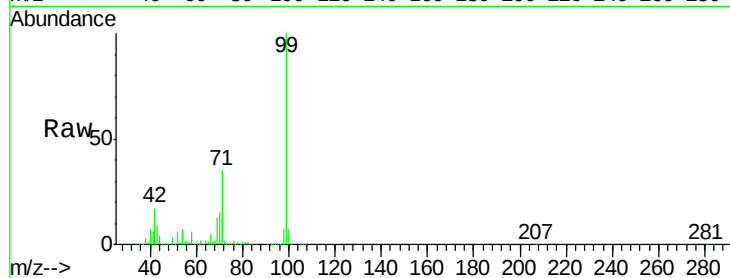
Tgt Ion: 99 Resp: 2048958

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

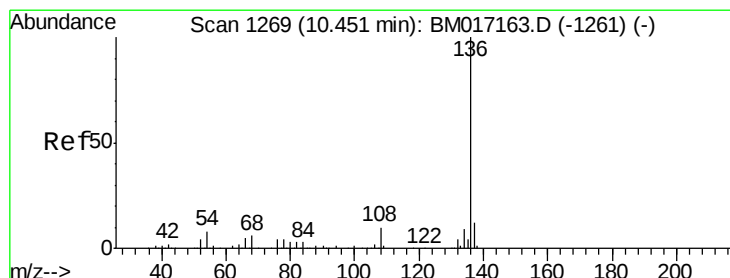
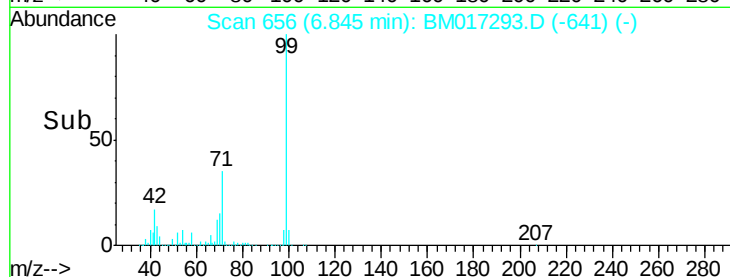
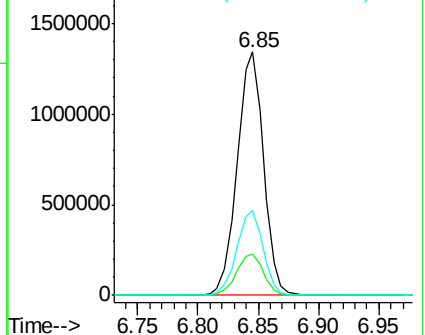
71 35.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017293.D

Acq: 23 Oct 2018 20:15

Tgt Ion: 136 Resp: 1102414

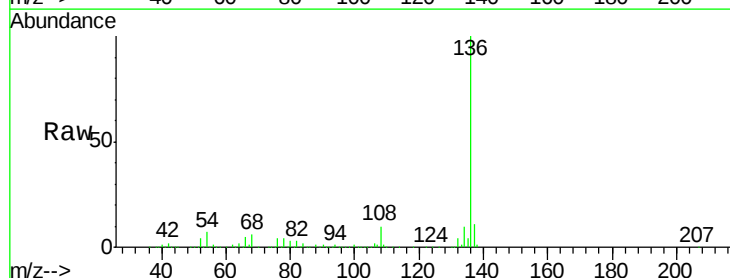
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.5 6.7 10.1

68 5.8 4.7 7.1

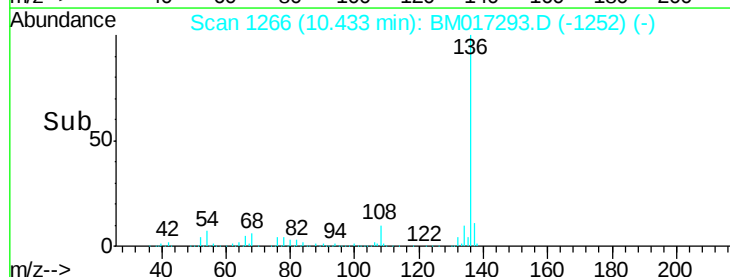
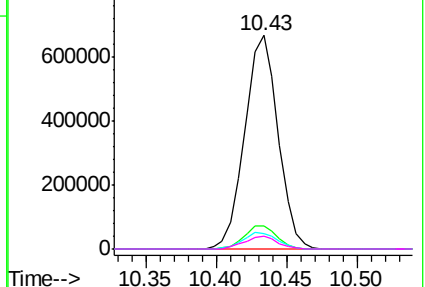


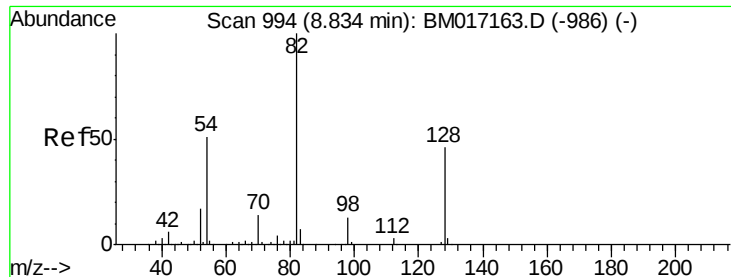
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1261) (-)

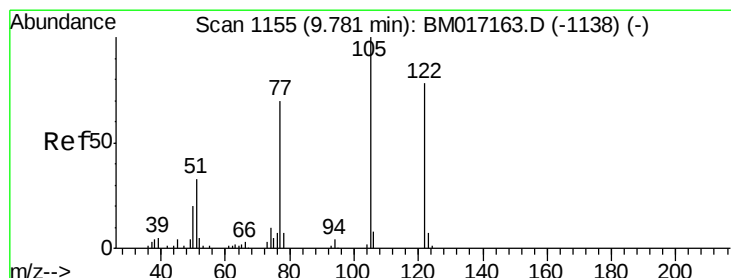
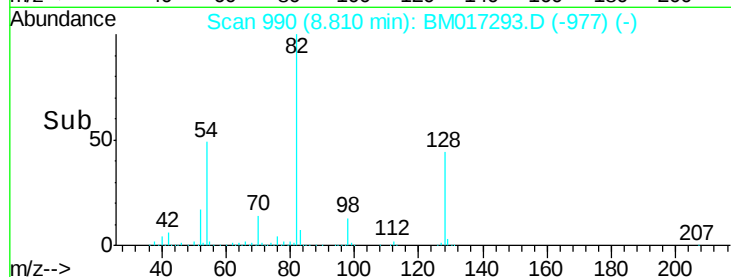
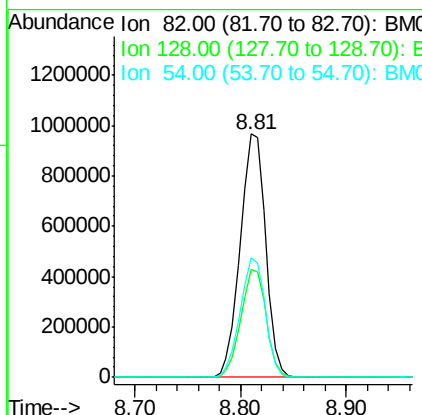
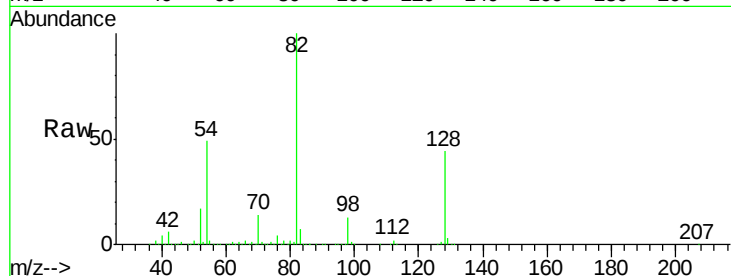




#23
 Nitrobenzene-d5
 Concen: 85.634 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM017293.D
 Acq: 23 Oct 2018 20:15

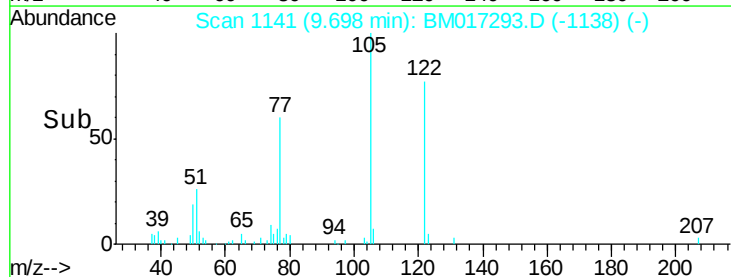
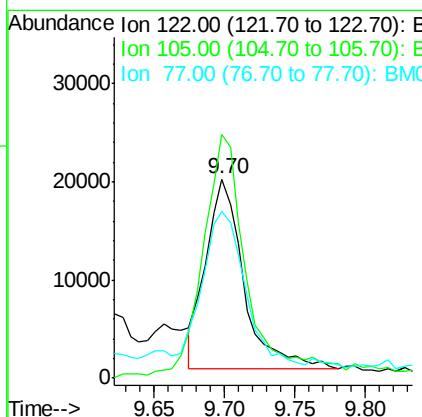
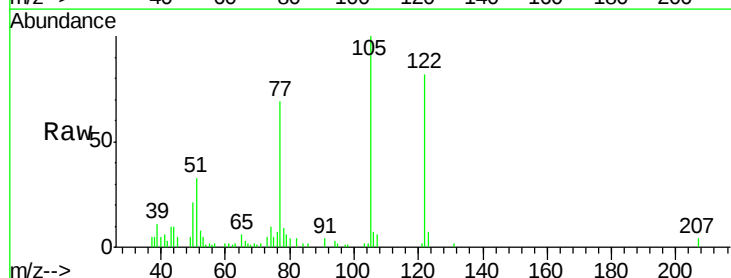
Instrument :
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 MS-VB-25868-BOX-1

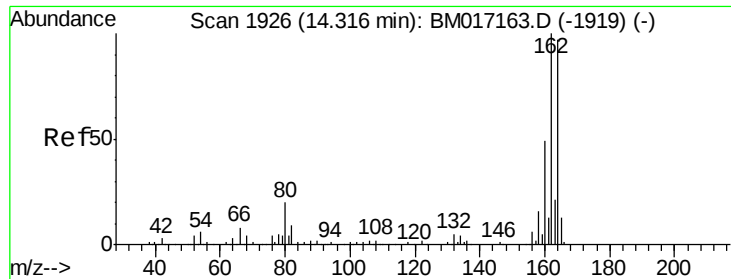
Tgt Ion: 82 Resp: 1614150
 Ion Ratio Lower Upper
 82 100
 128 44.1 37.0 55.6
 54 49.3 40.7 61.1



#32
 Benzoic acid
 Concen: 3.542 ng
 RT: 9.70 min Scan# 1141
 Delta R.T. -0.08 min
 Lab File: BM017293.D
 Acq: 23 Oct 2018 20:15

Tgt Ion: 122 Resp: 36374
 Ion Ratio Lower Upper
 122 100
 105 122.1 102.0 142.0
 77 83.9 67.7 107.7

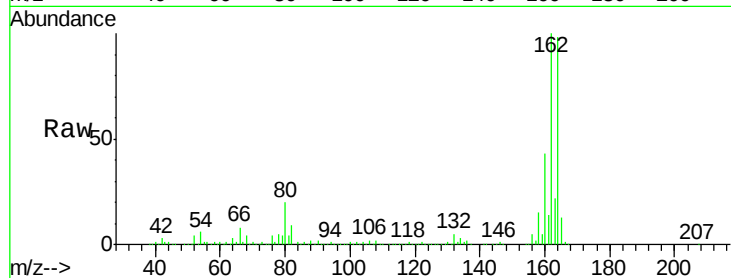




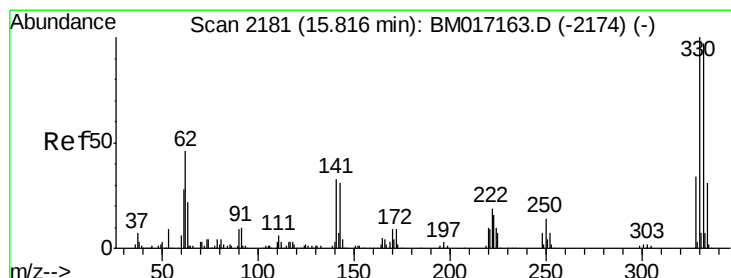
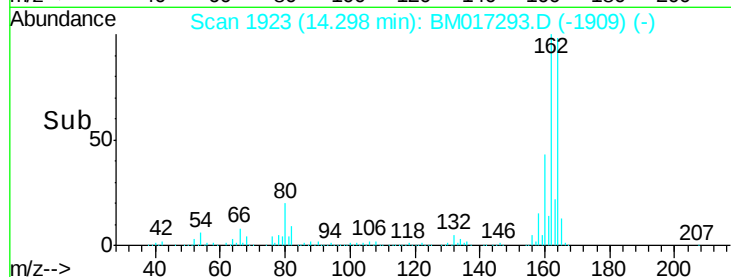
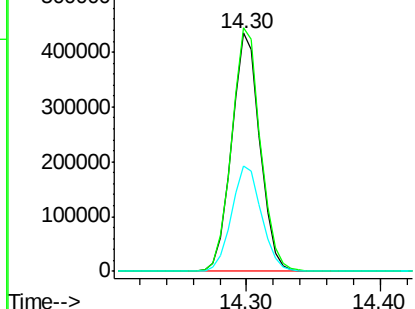
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.02 min
Lab File: BM017293.D
Acq: 23 Oct 2018 20:15

Instrument :
BNA_M
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion:164 Resp: 641014
Ion Ratio Lower Upper
164 100
162 102.2 82.1 123.1
160 44.4 40.2 60.2

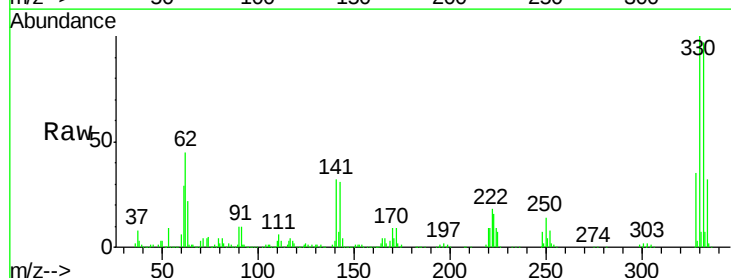


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

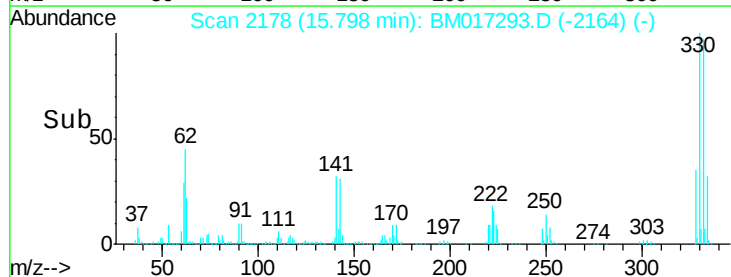
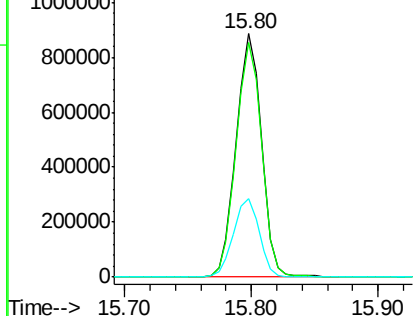


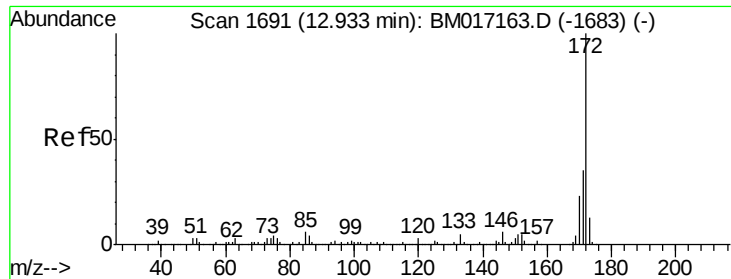
#42
2,4,6-Tribromophenol
Concen: 141.626 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BM017293.D
Acq: 23 Oct 2018 20:15

Tgt Ion:330 Resp: 1227721
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 32.7 27.4 41.0



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

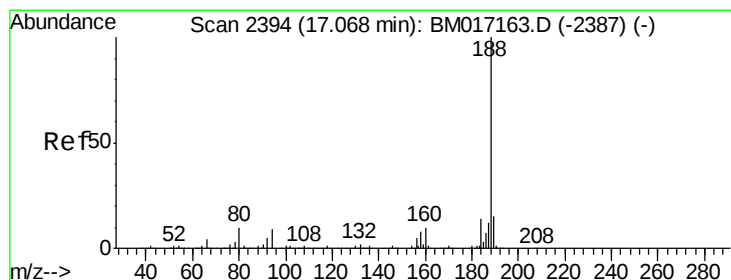
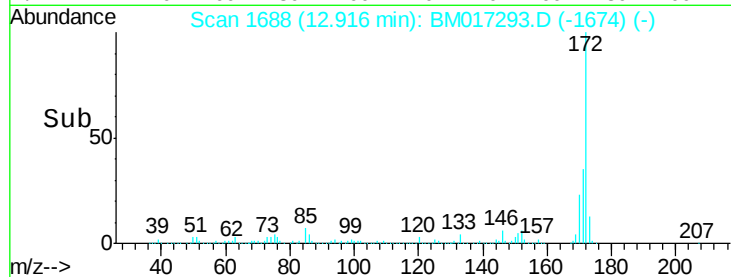
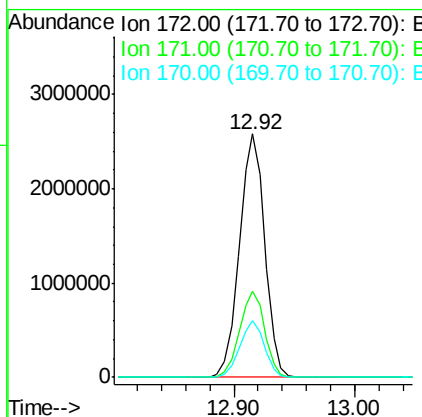
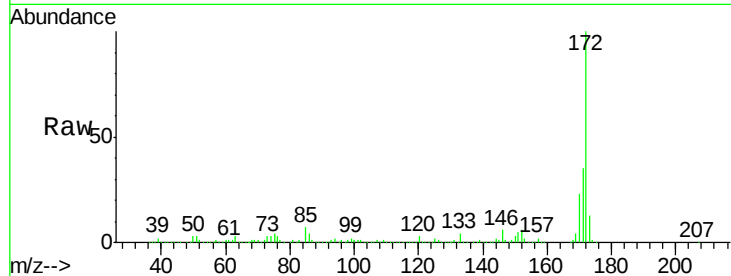




#45
 2-Fluorobiphenyl
 Concen: 78.086 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017293.D
 Acq: 23 Oct 2018 20:15

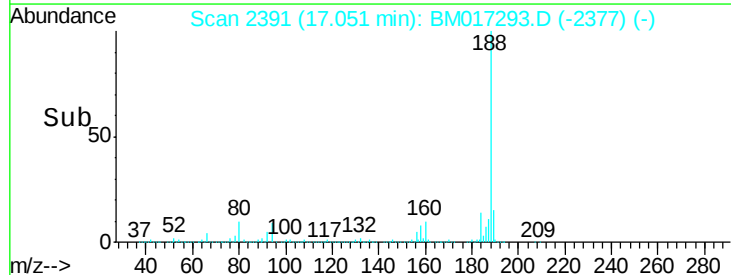
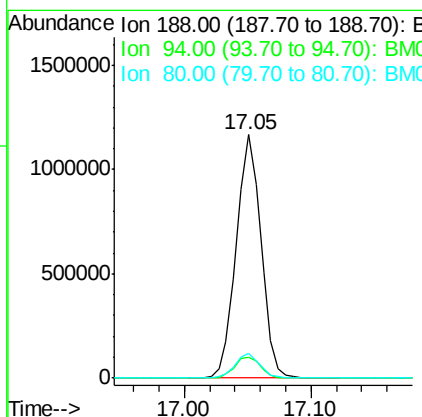
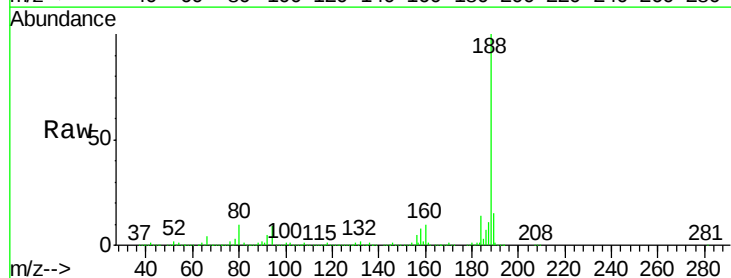
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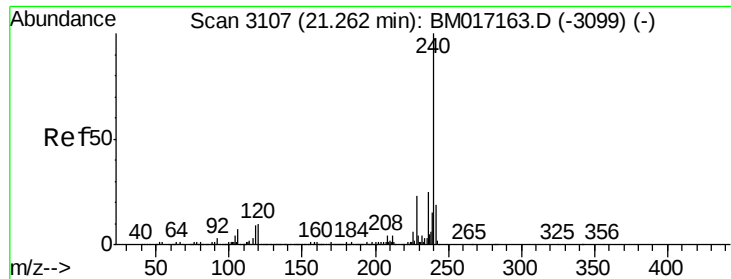
Tgt Ion:172 Resp: 3761946
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 23.1 18.3 27.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.02 min
 Lab File: BM017293.D
 Acq: 23 Oct 2018 20:15

Tgt Ion:188 Resp: 1577561
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.0 10.4
 80 10.3 7.7 11.5

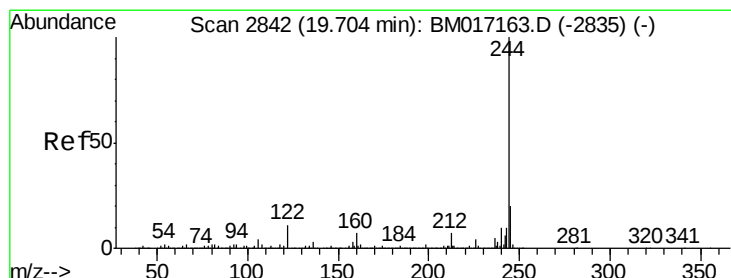
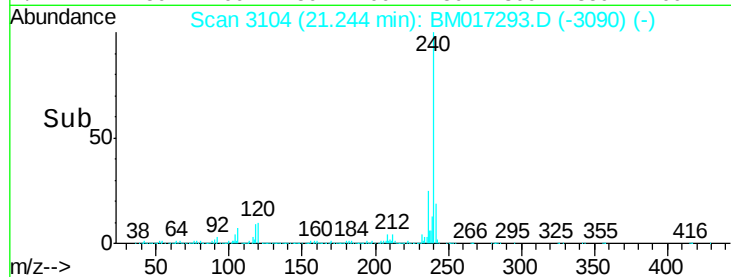
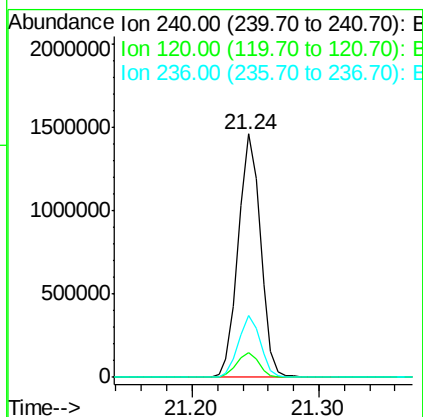
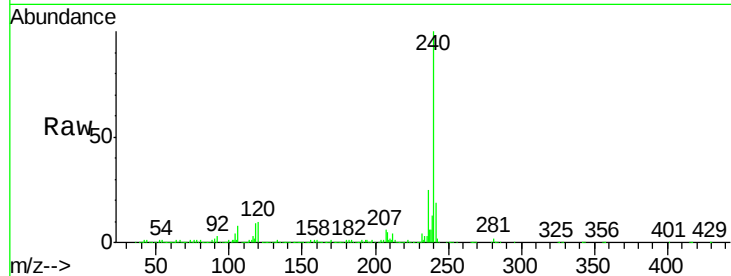




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017293.D
Acq: 23 Oct 2018 20:15

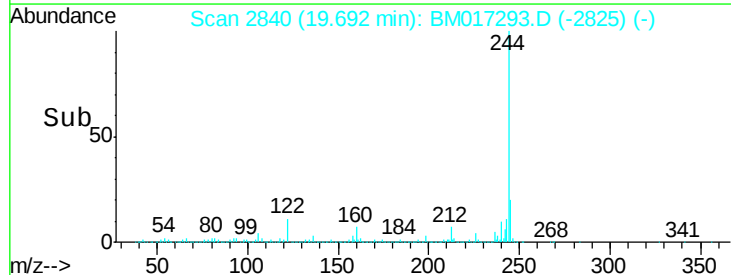
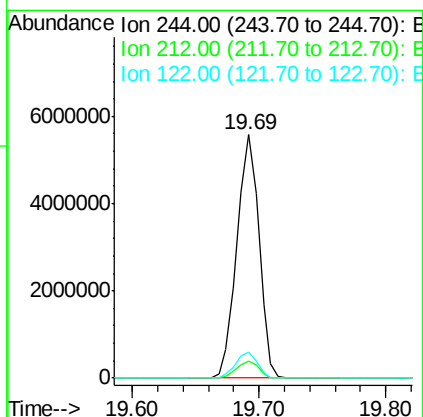
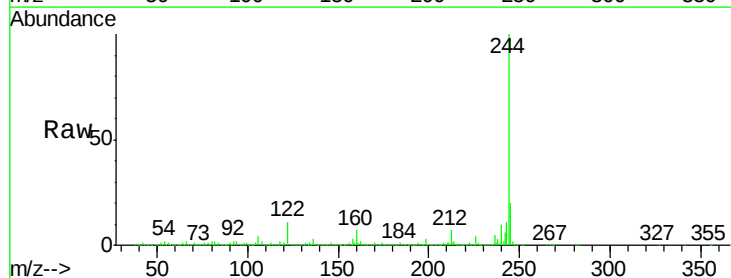
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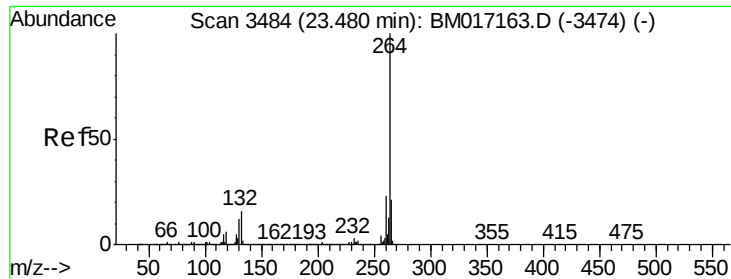
Tgt Ion:240 Resp: 1775616
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 25.2 19.9 29.9



#79
Terphenyl-d14
Concen: 85.401 ng
RT: 19.69 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM017293.D
Acq: 23 Oct 2018 20:15

Tgt Ion:244 Resp: 6727563
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 10.6 8.4 12.6





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017293.D

Acq: 23 Oct 2018 20:15

Instrument :

BNA_M

ClientSampleId :

MS-VB-25868-BOX-1

Tgt Ion:264 Resp: 1559034

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 21.5 17.8 26.8

