

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
 Data File : BM020176.D
 Acq On : 07 May 2019 21:54
 Operator : JU/SJ
 Sample : K2697-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-4-20190502-A

Quant Time: May 08 02:10:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	118814	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	413316	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	252654	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	584243	20.00	ng	0.00
76) Chrysene-d12	21.36	240	621055	20.00	ng	0.00
87) Perylene-d12	23.65	264	756267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	510458	70.23	ng	0.00
7) Phenol-d6	6.95	99	451720	45.49	ng	0.00
23) Nitrobenzene-d5	8.95	82	1076224	102.80	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	602068	153.52	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2012823	98.02	ng	0.00
79) Terphenyl-d14	19.80	244	3662280	102.85	ng	0.00

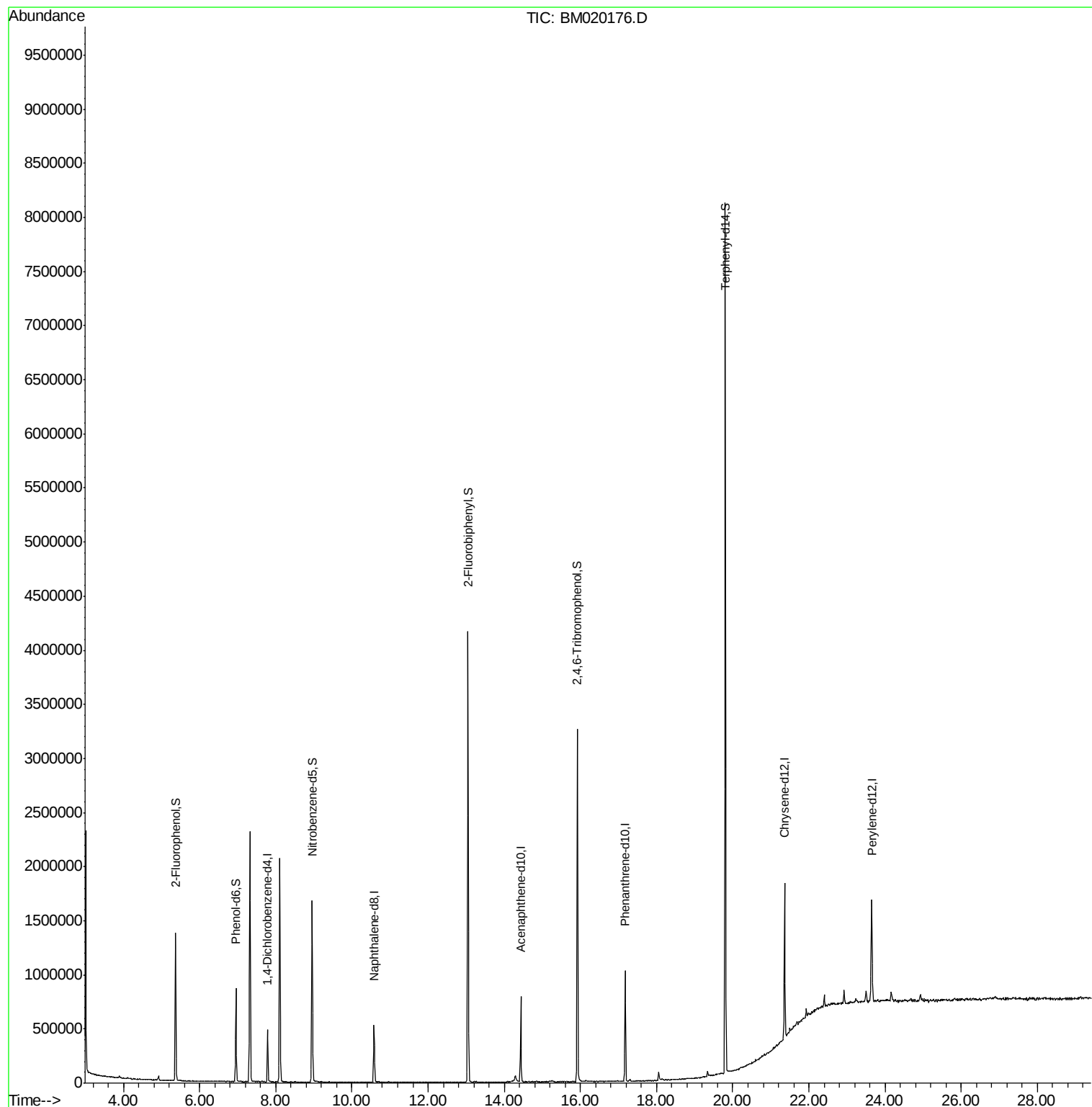
Target Compounds Qvalue

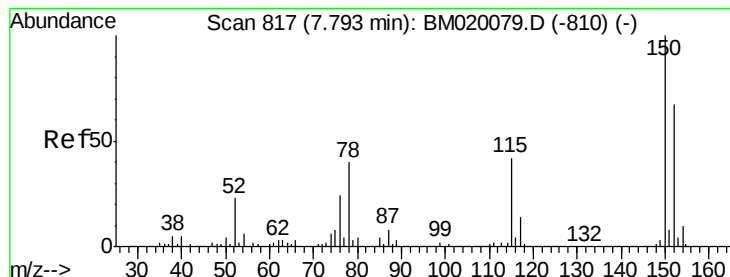
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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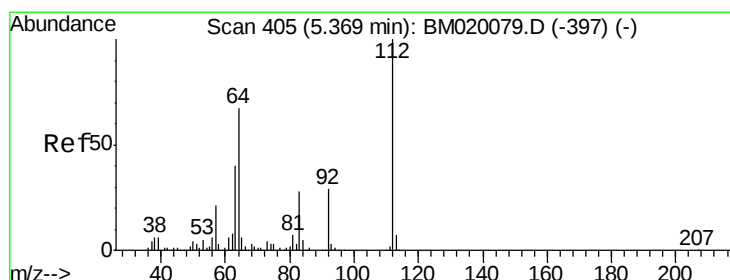
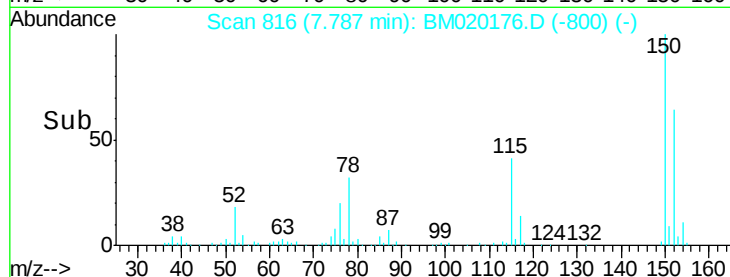
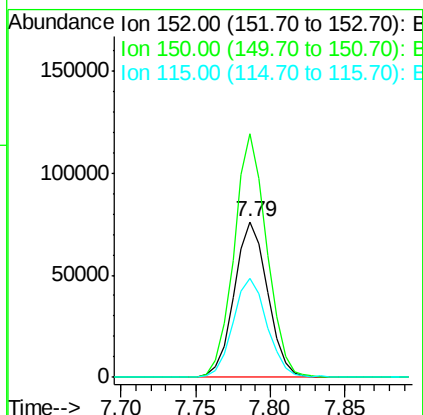
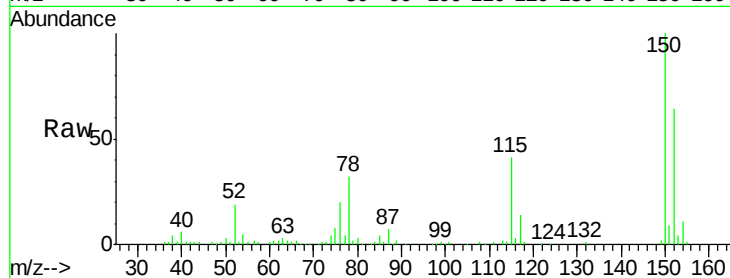


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020176.D
Acq: 07 May 2019 21:54

Instrument :
BNA_M
ClientSampleId :
MW-4-20190502-A

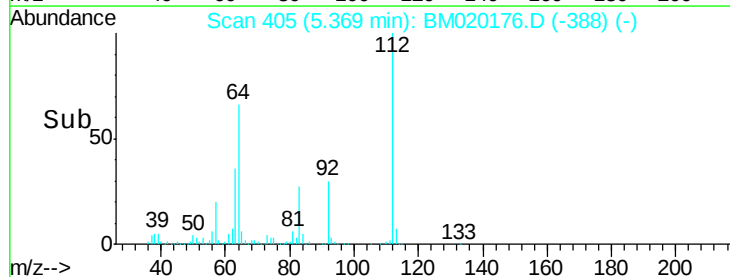
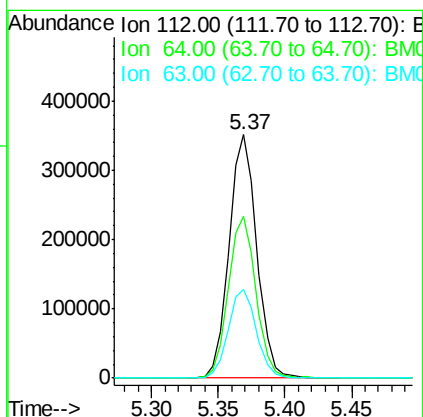
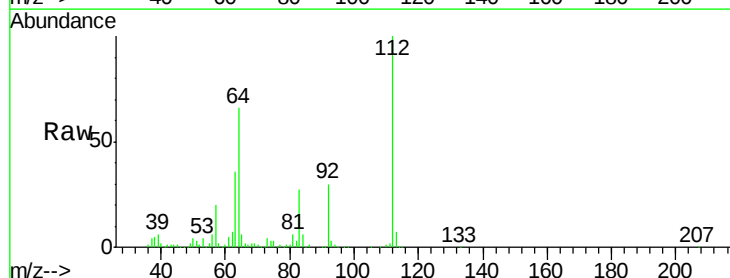
Tot Ion:152 Resp: 118814
Ion Ratio Lower Upper
152 100
150 156.2 119.8 179.8
115 63.6 50.8 76.2

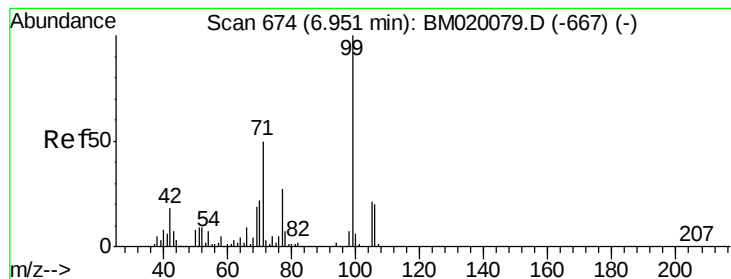


#5

2-Fluorophenol
Concen: 70.227 ng
RT: 5.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: BM020176.D
Acq: 07 May 2019 21:54

Tgt Ion:112 Resp: 510458
Ion Ratio Lower Upper
112 100
64 66.5 53.8 80.6
63 36.4 32.3 48.5





#7

Phenol-d6

Concen: 45.490 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020176.D

Acq: 07 May 2019 21:54

Instrument :

BNA_M

ClientSampleId :

MW-4-20190502-A

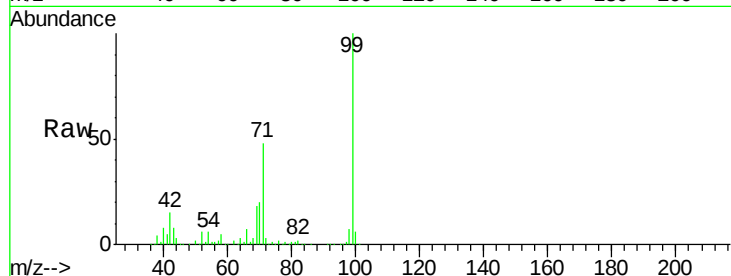
Tot Ion: 99 Resp: 451720

Ion Ratio Lower Upper

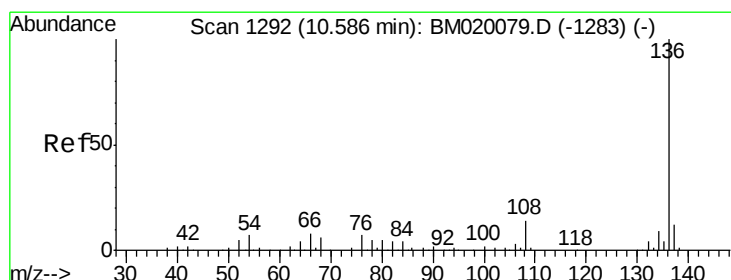
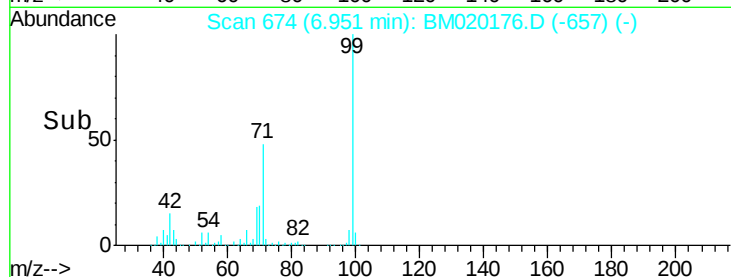
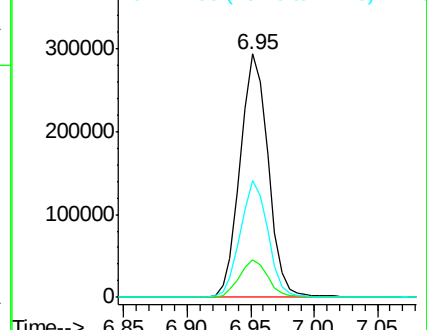
99 100

42 15.3 14.2 21.2

71 47.8 40.3 60.5



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: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020176.D

Acq: 07 May 2019 21:54

Tgt Ion: 136 Resp: 413316

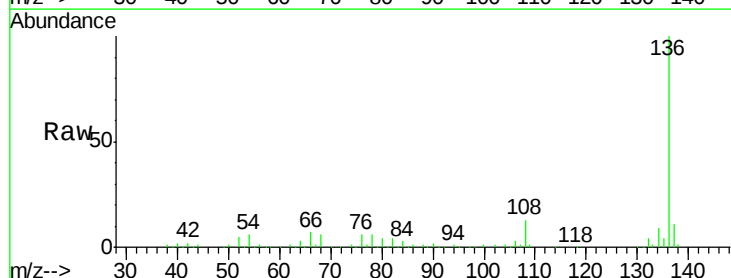
Ion Ratio Lower Upper

136 100

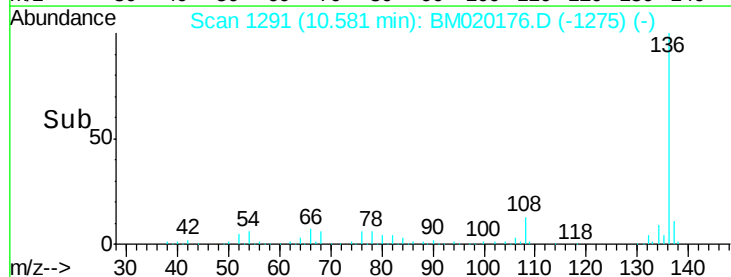
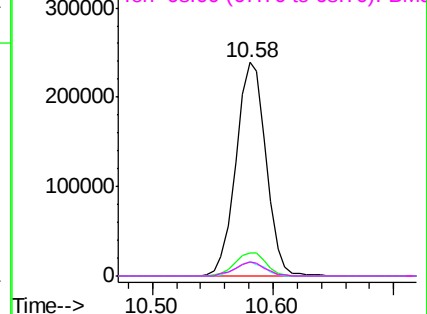
137 11.0 9.6 14.4

54 6.4 5.5 8.3

68 6.4 4.6 6.8



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



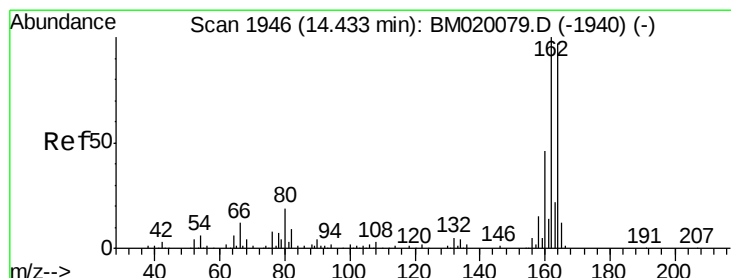
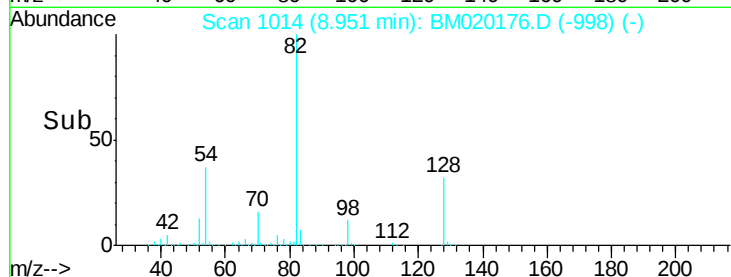
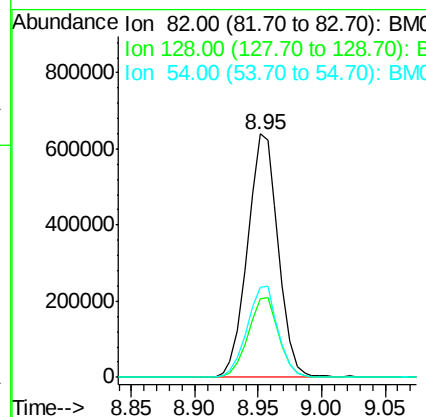
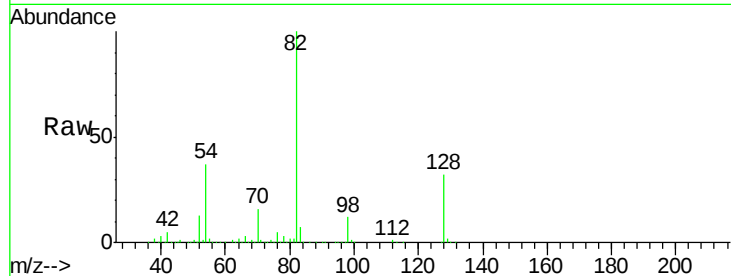


#23
 Nitrobenzene-d5
 Concen: 102.801 ng
 RT: 8.95 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BM020176.D
 Acq: 07 May 2019 21:54

Instrument :
 BNA_M
 ClientSampleId :
 MW-4-20190502-A

Tot Ion: 82 Resp: 1076224

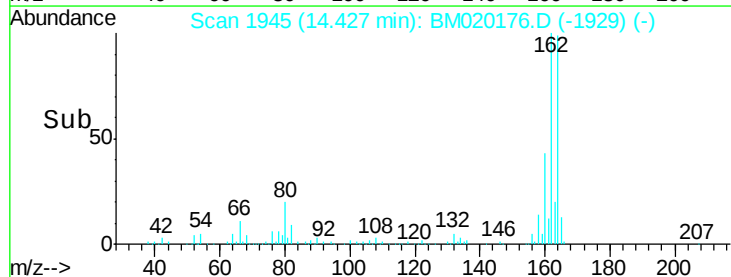
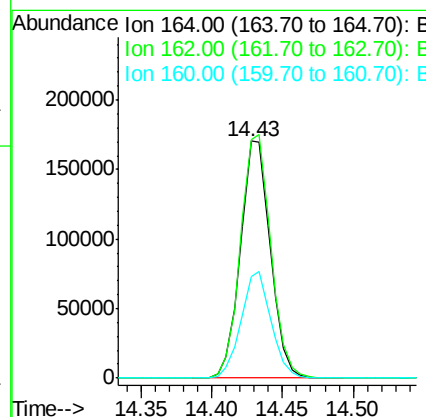
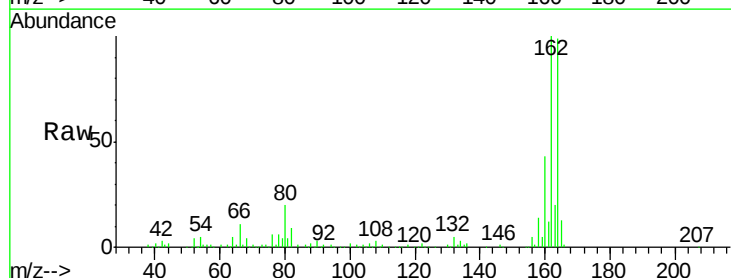
Ion	Ratio	Lower	Upper
82	100		
128	32.4	25.2	37.8
54	37.2	31.9	47.9

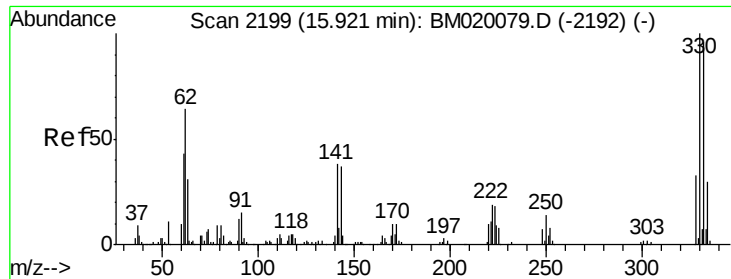


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.43 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BM020176.D
 Acq: 07 May 2019 21:54

Tgt Ion: 164 Resp: 252654

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.2	123.2
160	42.8	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 153.524 ng

RT: 15.93 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BM020176.D

Acq: 07 May 2019 21:54

Instrument :

BNA_M

ClientSampleId :

MW-4-20190502-A

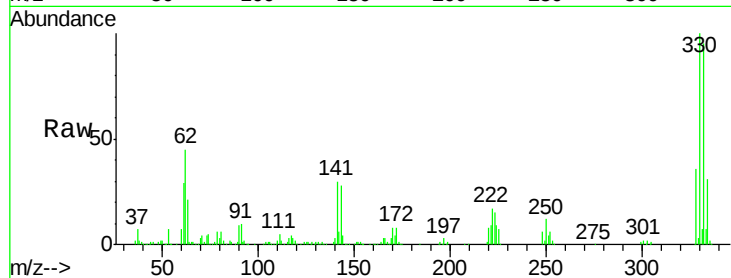
Tot Ion:330 Resp: 602068

Ion Ratio Lower Upper

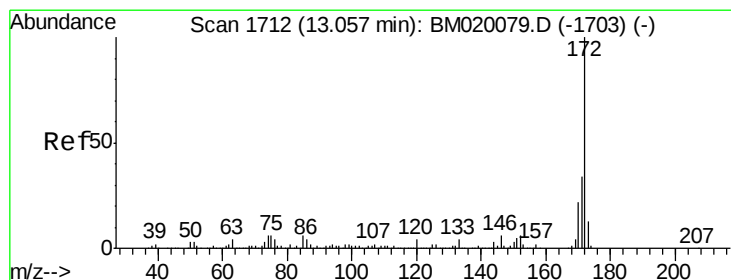
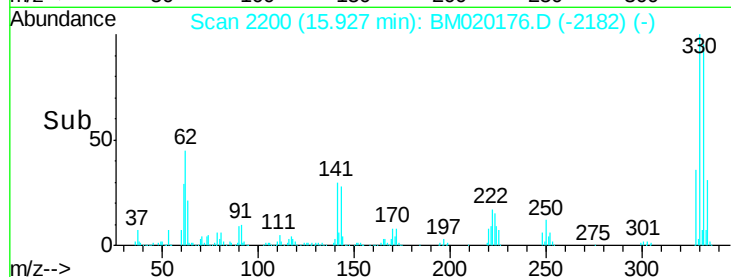
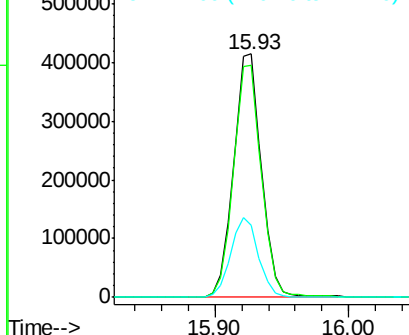
330 100

332 95.9 76.8 115.2

141 32.7 29.2 43.8



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: 98.020 ng

RT: 13.05 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BM020176.D

Acq: 07 May 2019 21:54

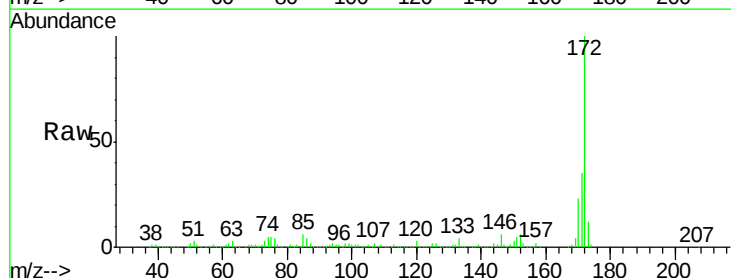
Tgt Ion:172 Resp: 2012823

Ion Ratio Lower Upper

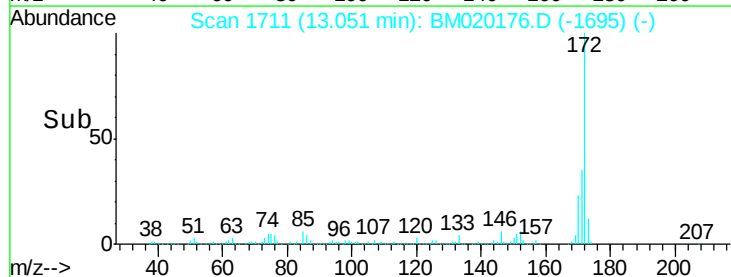
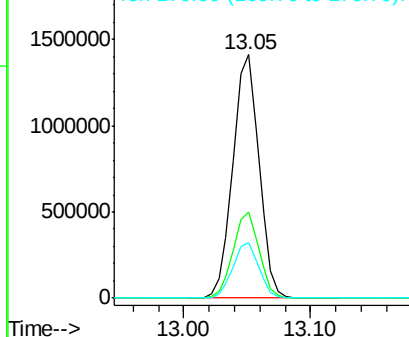
172 100

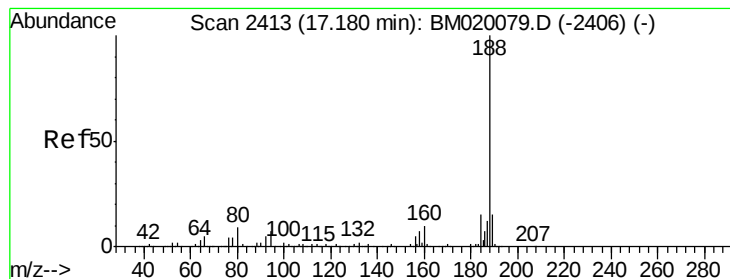
171 35.5 27.3 40.9

170 22.8 17.9 26.9



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: 17.18 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BM020176.D

Acq: 07 May 2019 21:54

Instrument :

BNA_M

ClientSampleId :

MW-4-20190502-A

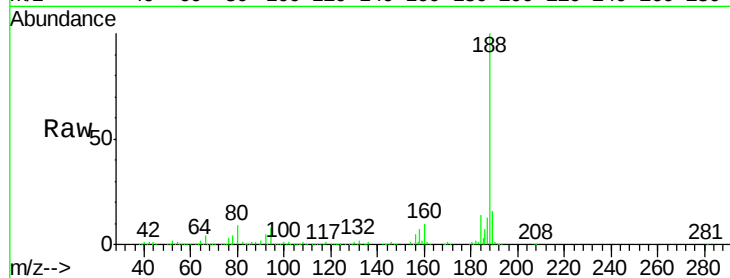
Tot Ion:188 Resp: 584243

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

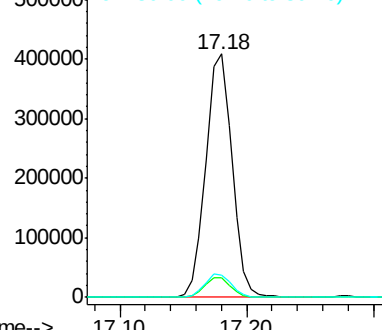
80 9.3 7.4 11.2



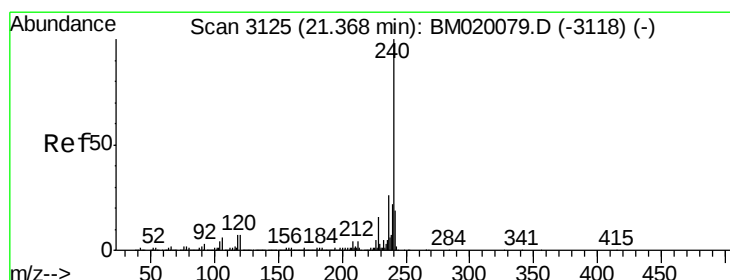
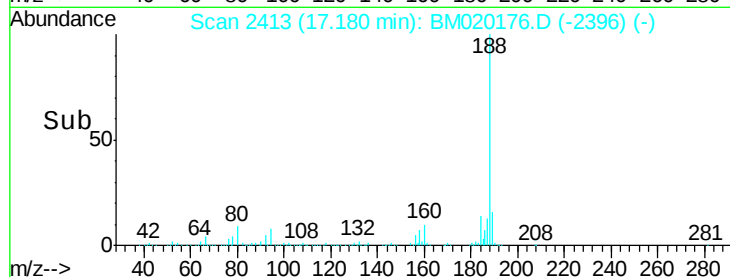
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020176.D

Acq: 07 May 2019 21:54

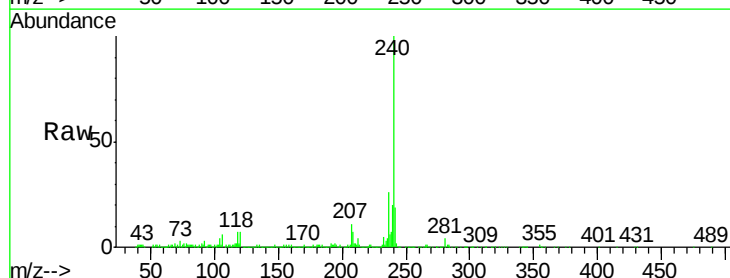
Tgt Ion:240 Resp: 621055

Ion Ratio Lower Upper

240 100

120 7.2 5.6 8.4

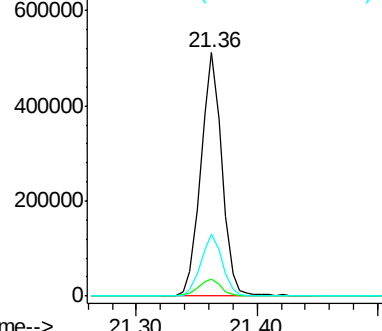
236 25.6 20.9 31.3



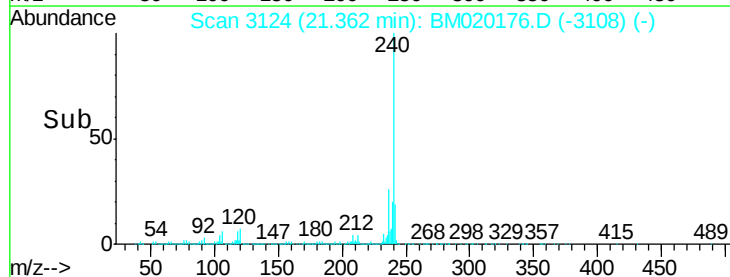
Abundance Ion 240.00 (239.70 to 240.70): E

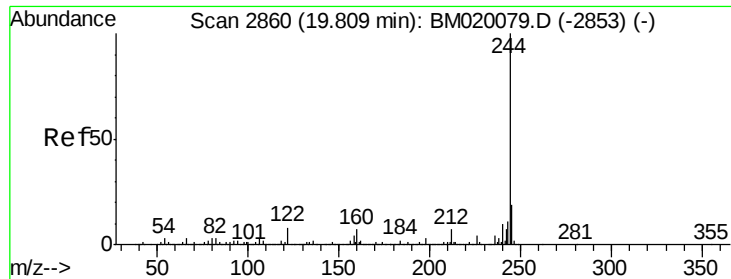
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 102.854 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020176.D

Acq: 07 May 2019 21:54

Instrument :

BNA_M

ClientSampleId :

MW-4-20190502-A

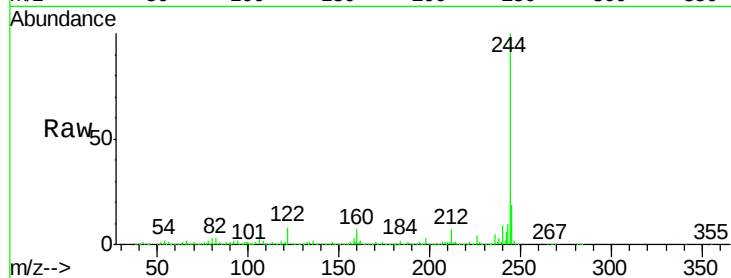
Tot Ion:244 Resp: 3662280

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

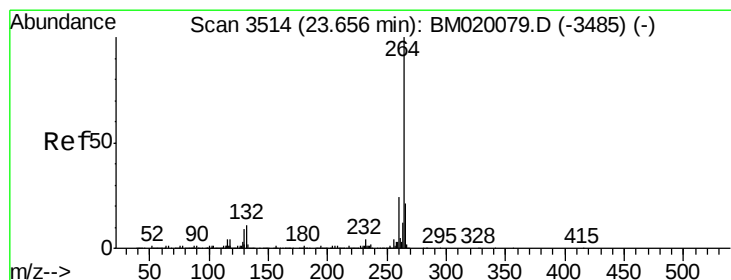
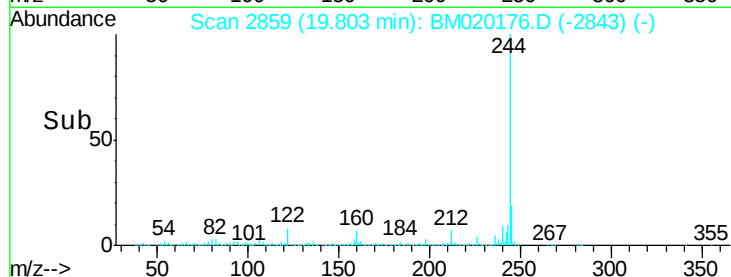
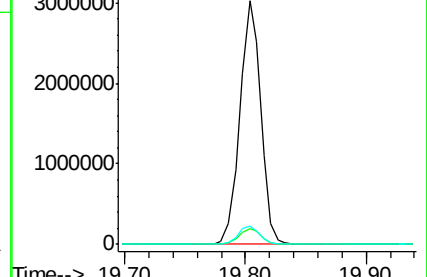
122 7.7 6.2 9.2



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: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020176.D

Acq: 07 May 2019 21:54

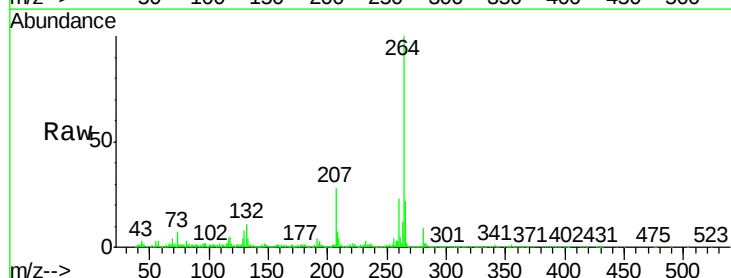
Tgt Ion:264 Resp: 756267

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.8 16.9 25.3



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

