

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
 Data File : BM020138.D
 Acq On : 06 May 2019 16:36
 Operator : JU/SJ
 Sample : K2635-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-05-050219-A

Quant Time: May 07 03:31:20 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	157595	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	627232	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	383140	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	916849	20.00	ng	0.00
76) Chrysene-d12	21.37	240	896976	20.00	ng	0.00
87) Perylene-d12	23.66	264	1065961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	160623	16.66	ng	0.00
7) Phenol-d6	6.95	99	228666	17.36	ng	0.00
23) Nitrobenzene-d5	8.96	82	154234	9.71	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	92053	15.48	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	328744	10.56	ng	0.00
79) Terphenyl-d14	19.81	244	511212	9.94	ng	0.00

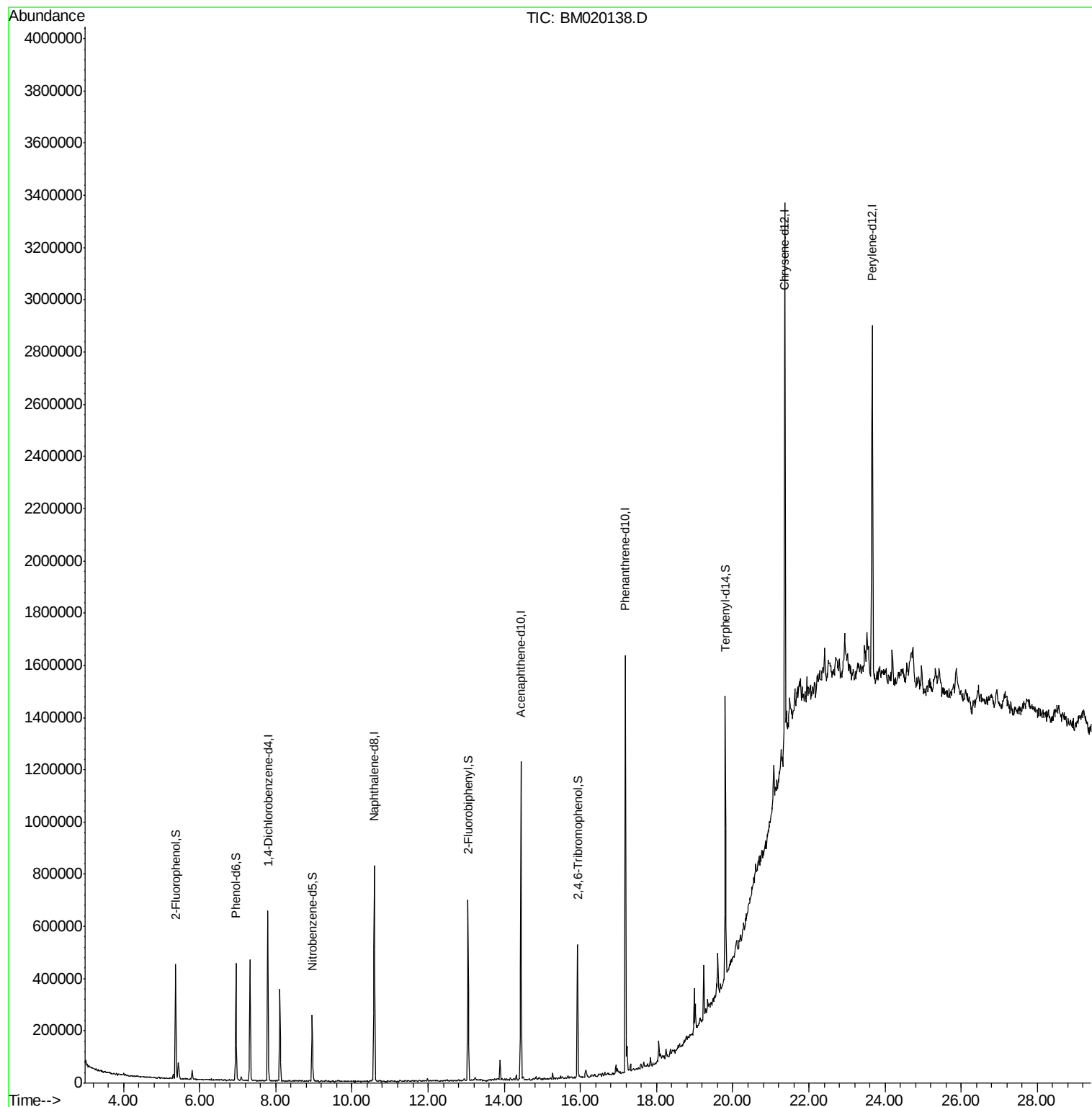
Target Compounds Qvalue

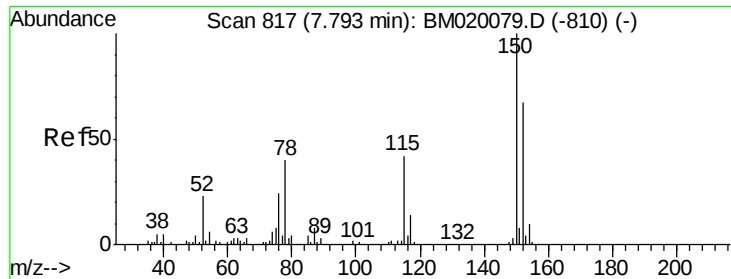
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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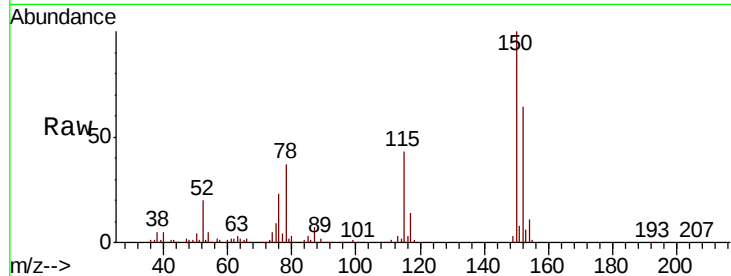


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. -0.00 min
Lab File: BM020138.D
Acq: 06 May 2019 16:36

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	119.8	179.8
115	68.0	50.8	76.2

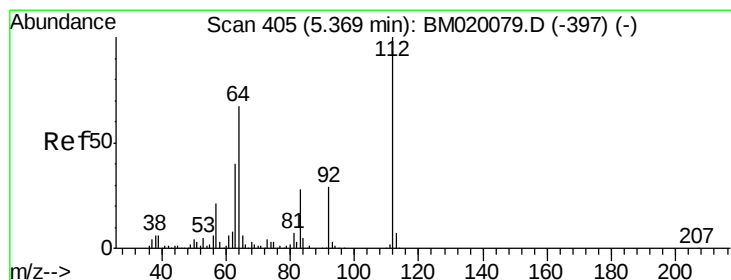
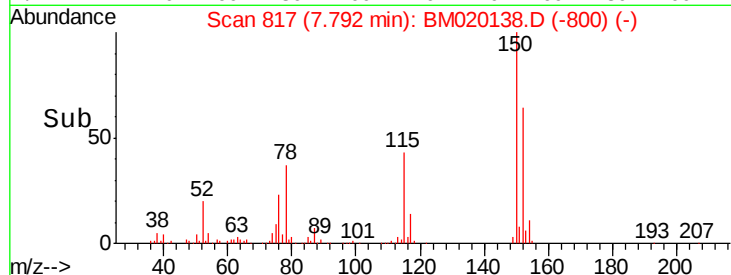
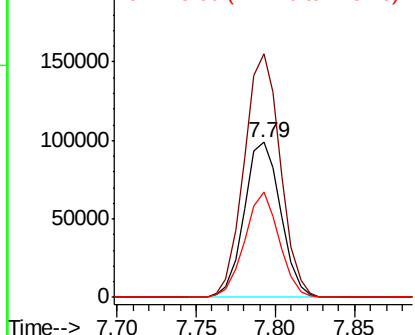


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

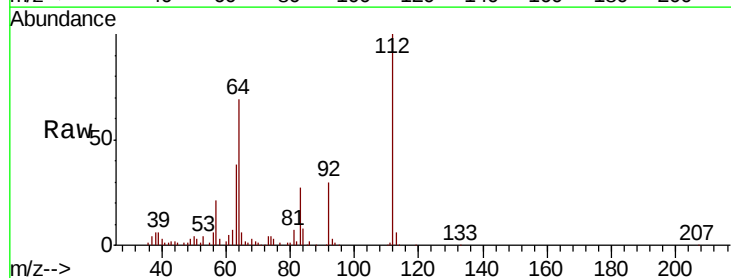
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 16.660 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM020138.D
Acq: 06 May 2019 16:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	53.8	80.6
63	38.2	32.3	48.5

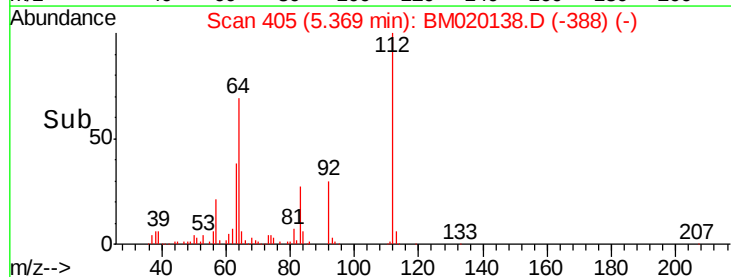
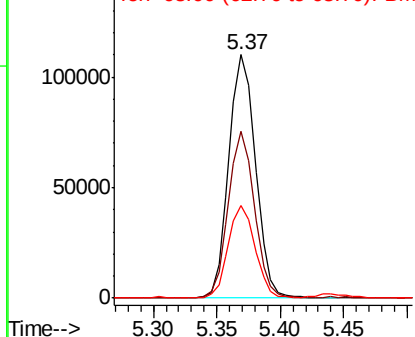


Abundance

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: 17.361 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020138.D

Acq: 06 May 2019 16:36

Instrument :

BNA_M

ClientSampleId :

AU-05-050219-A

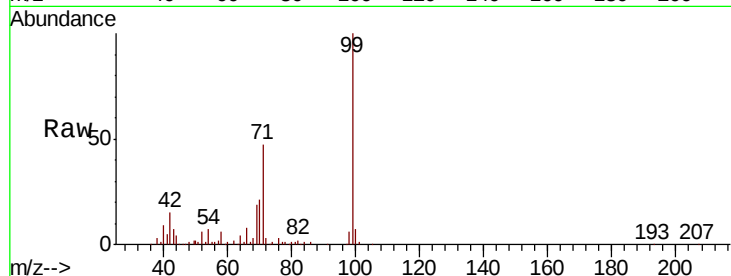
Tot Ion: 99 Resp: 228666

Ion Ratio Lower Upper

99 100

42 15.3 14.2 21.2

71 47.2 40.3 60.5

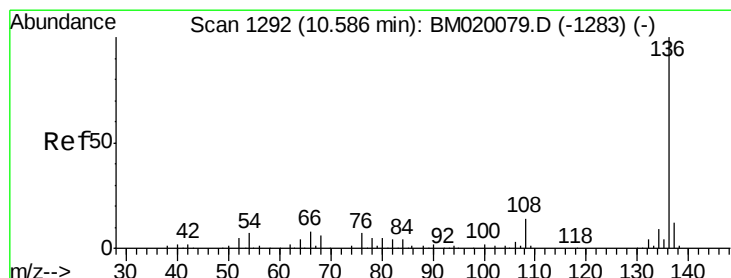
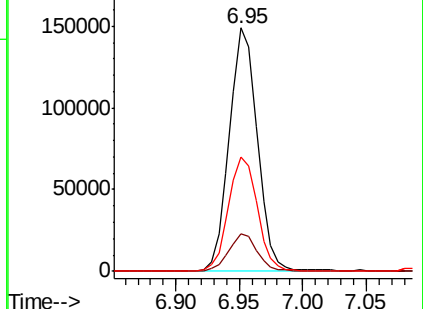
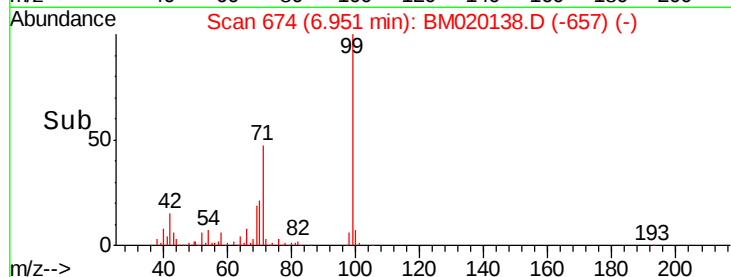


Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.59 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BM020138.D

Acq: 06 May 2019 16:36

Tgt Ion: 136 Resp: 627232

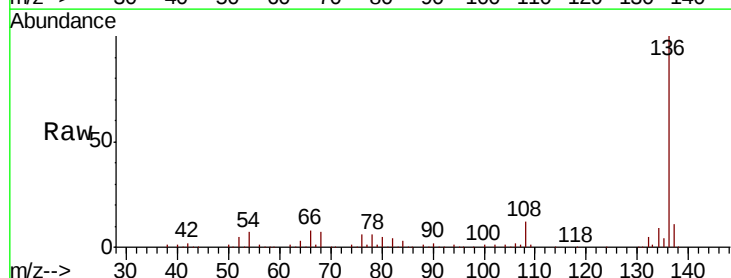
Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 6.8 5.5 8.3

68 6.8 4.6 6.8



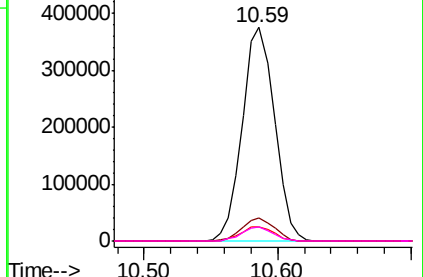
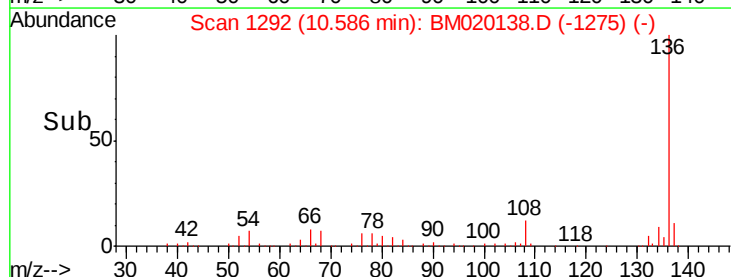
Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

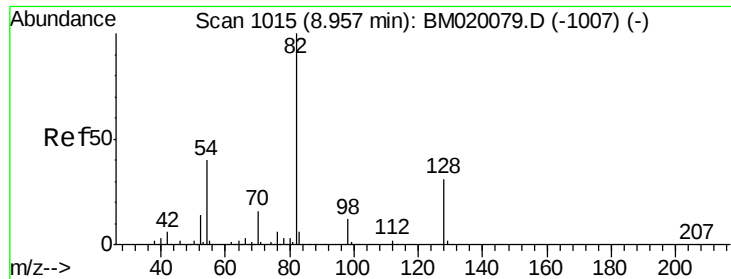
Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)

Time-->

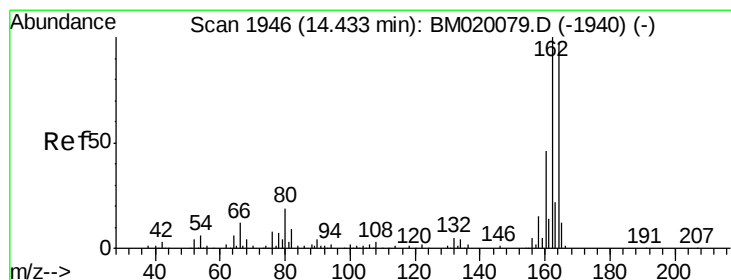
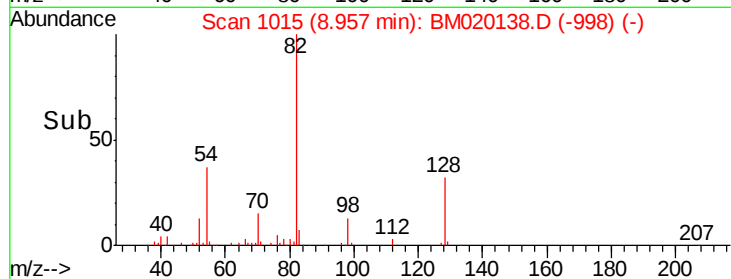
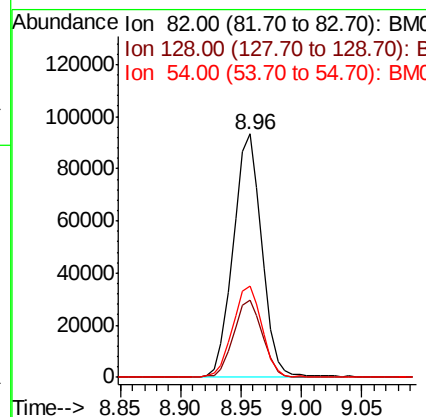
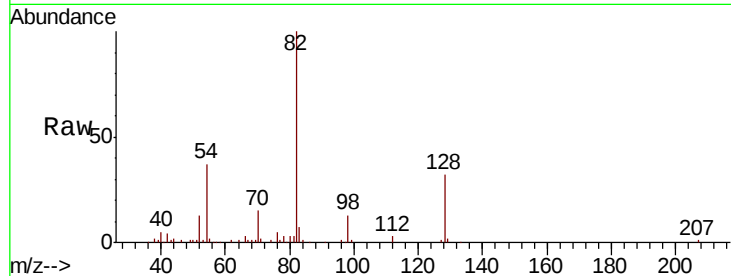




#23
Nitrobenzene-d5
Concen: 9.708 ng
RT: 8.96 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BM020138.D
Acq: 06 May 2019 16:36

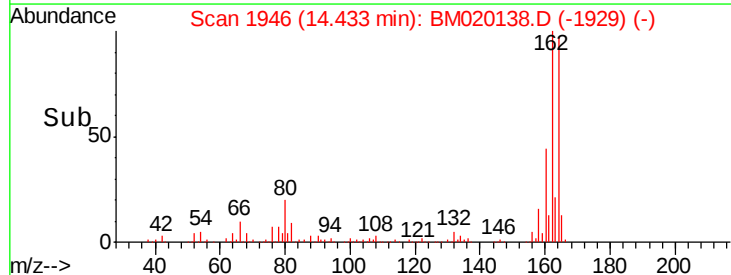
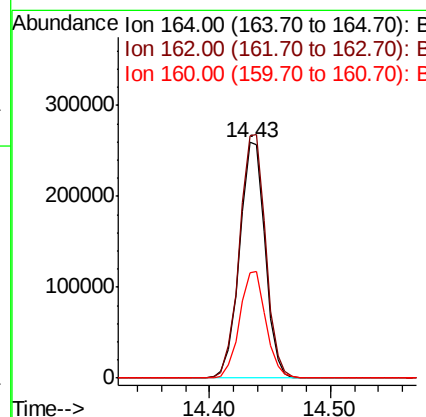
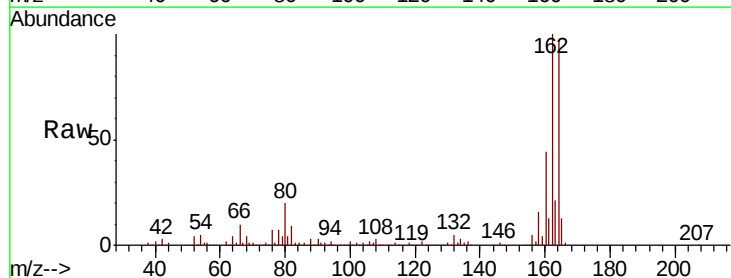
Instrument :
BNA_M
ClientSampleId :
AU-05-050219-A

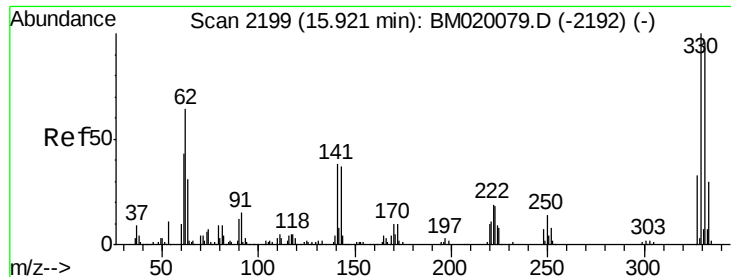
Tot Ion	82	Resp	154234
Ion Ratio	Lower	Upper	
82	100		
128	31.9	25.2	37.8
54	37.5	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BM020138.D
Acq: 06 May 2019 16:36

Tgt Ion	164	Resp	383140
Ion Ratio	Lower	Upper	
164	100		
162	102.7	82.2	123.2
160	44.7	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 15.479 ng

RT: 15.93 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BM020138.D

Acq: 06 May 2019 16:36

Instrument :

BNA_M

ClientSampleId :

AU-05-050219-A

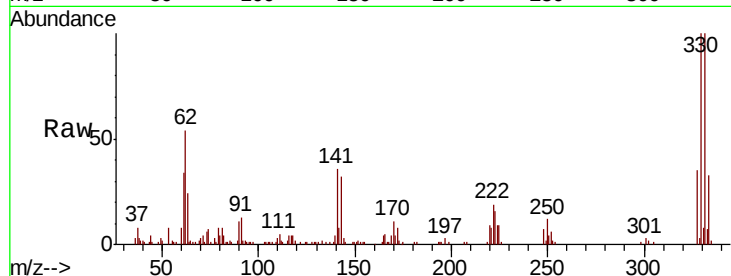
Tot Ion:330 Resp: 92053

Ion Ratio Lower Upper

330 100

332 98.3 76.8 115.2

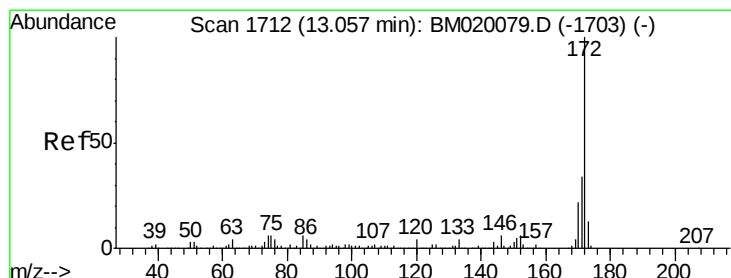
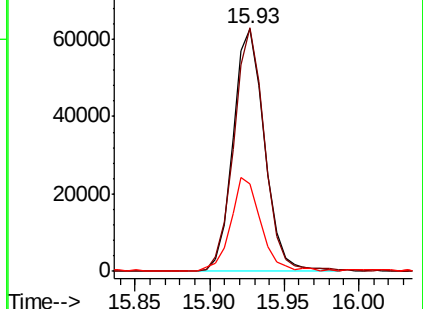
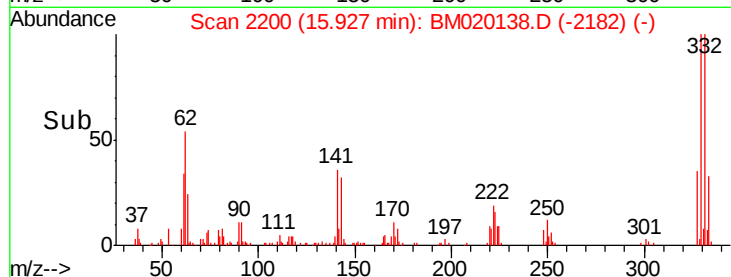
141 37.4 29.2 43.8



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: 10.557 ng

RT: 13.05 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BM020138.D

Acq: 06 May 2019 16:36

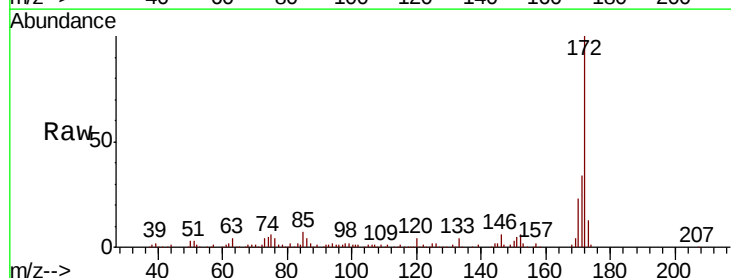
Tgt Ion:172 Resp: 328744

Ion Ratio Lower Upper

172 100

171 34.3 27.3 40.9

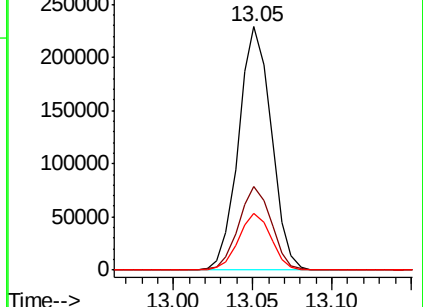
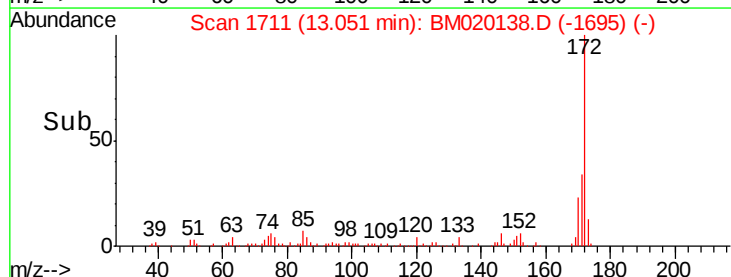
170 23.2 17.9 26.9

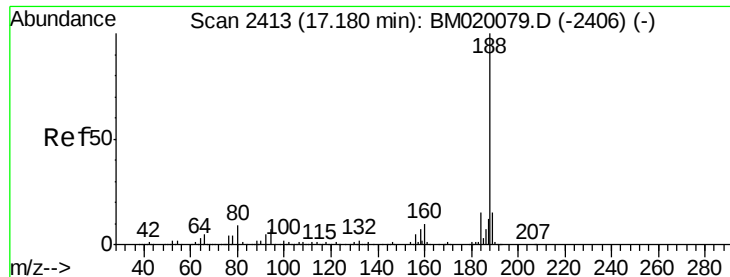


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM020138.D

Acq: 06 May 2019 16:36

Instrument :

BNA_M

ClientSampleId :

AU-05-050219-A

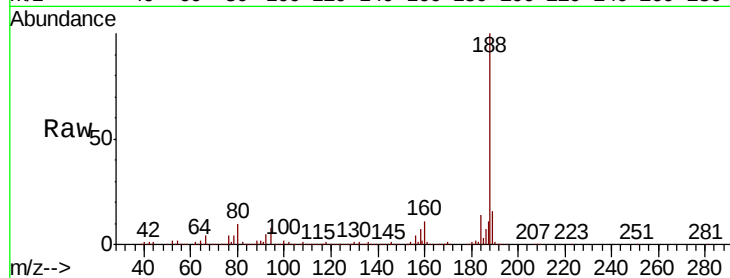
Tot Ion:188 Resp: 916849

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

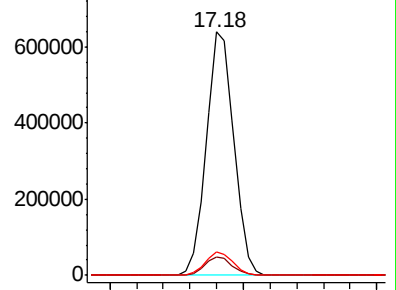
80 9.8 7.4 11.2



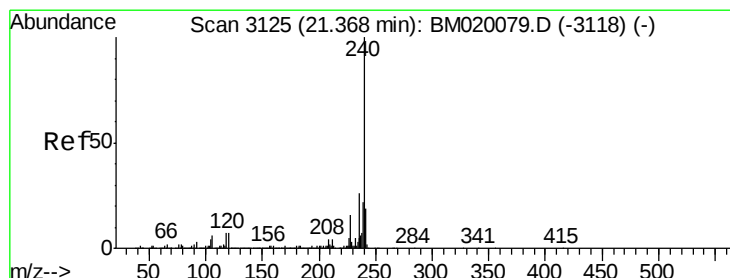
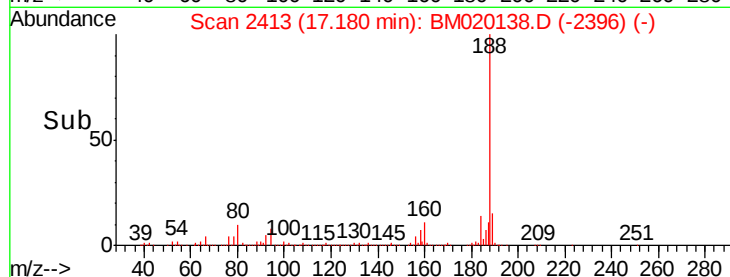
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



Time--> 17.10 17.20



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BM020138.D

Acq: 06 May 2019 16:36

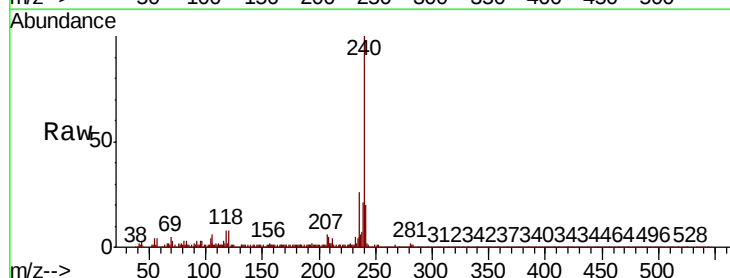
Tgt Ion:240 Resp: 896976

Ion Ratio Lower Upper

240 100

120 7.8 5.6 8.4

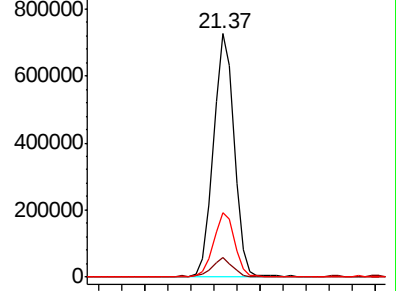
236 26.4 20.9 31.3



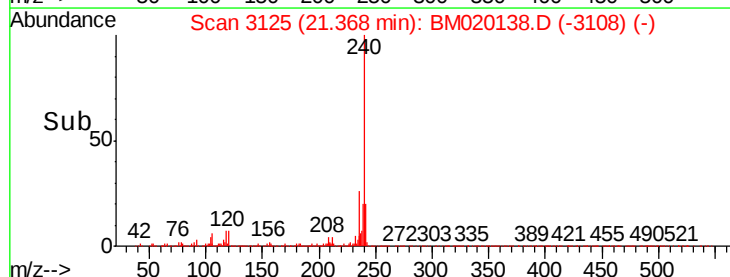
Abundance Ion 240.00 (239.70 to 240.70): E

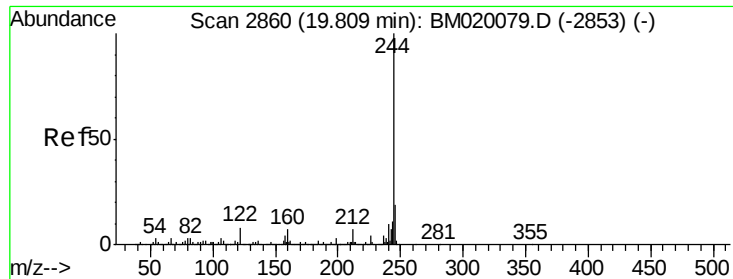
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.30 21.40





#79

Terphenyl-d14

Concen: 9.941 ng

RT: 19.81 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BM020138.D

Acq: 06 May 2019 16:36

Instrument :

BNA_M

ClientSampleId :

AU-05-050219-A

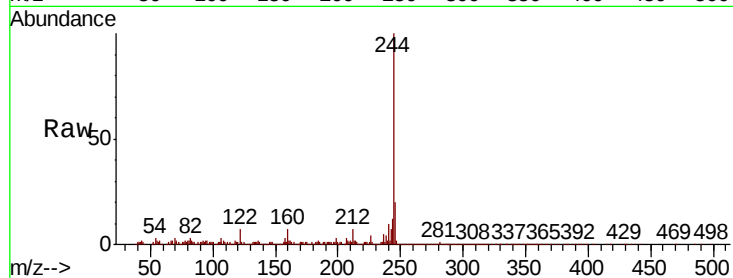
Tot Ion:244 Resp: 511212

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

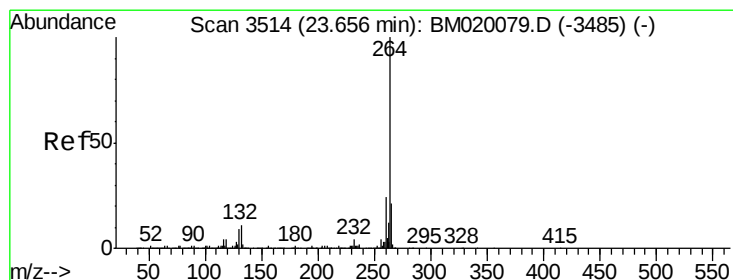
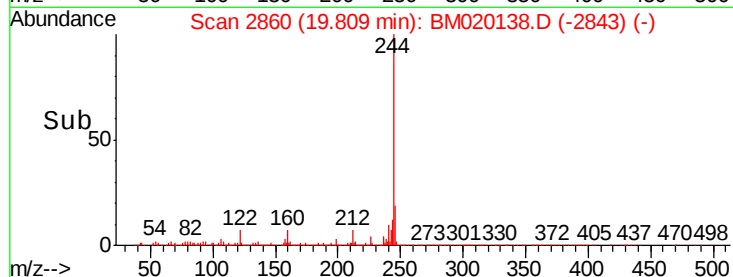
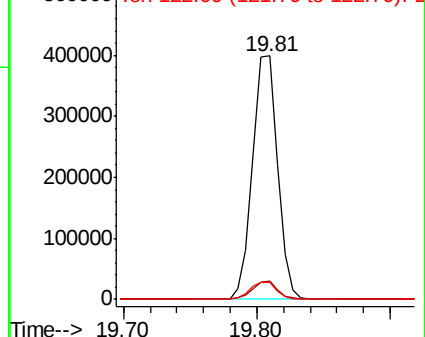
122 7.1 6.2 9.2



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: 23.66 min Scan# 3515

Delta R.T. 0.01 min

Lab File: BM020138.D

Acq: 06 May 2019 16:36

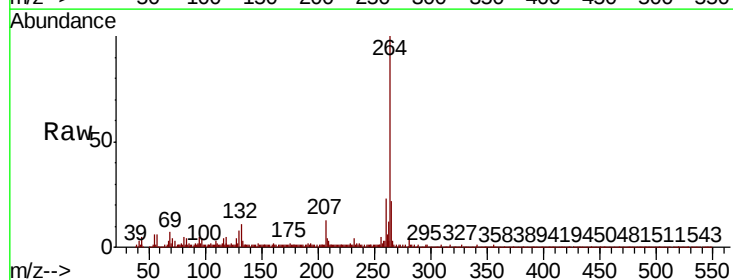
Tgt Ion:264 Resp: 1065961

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.1 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

