

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
 Data File : BM020146.D
 Acq On : 06 May 2019 21:26
 Operator : JU/SJ
 Sample : K2674-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SV28545L

Quant Time: May 07 03:33:55 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

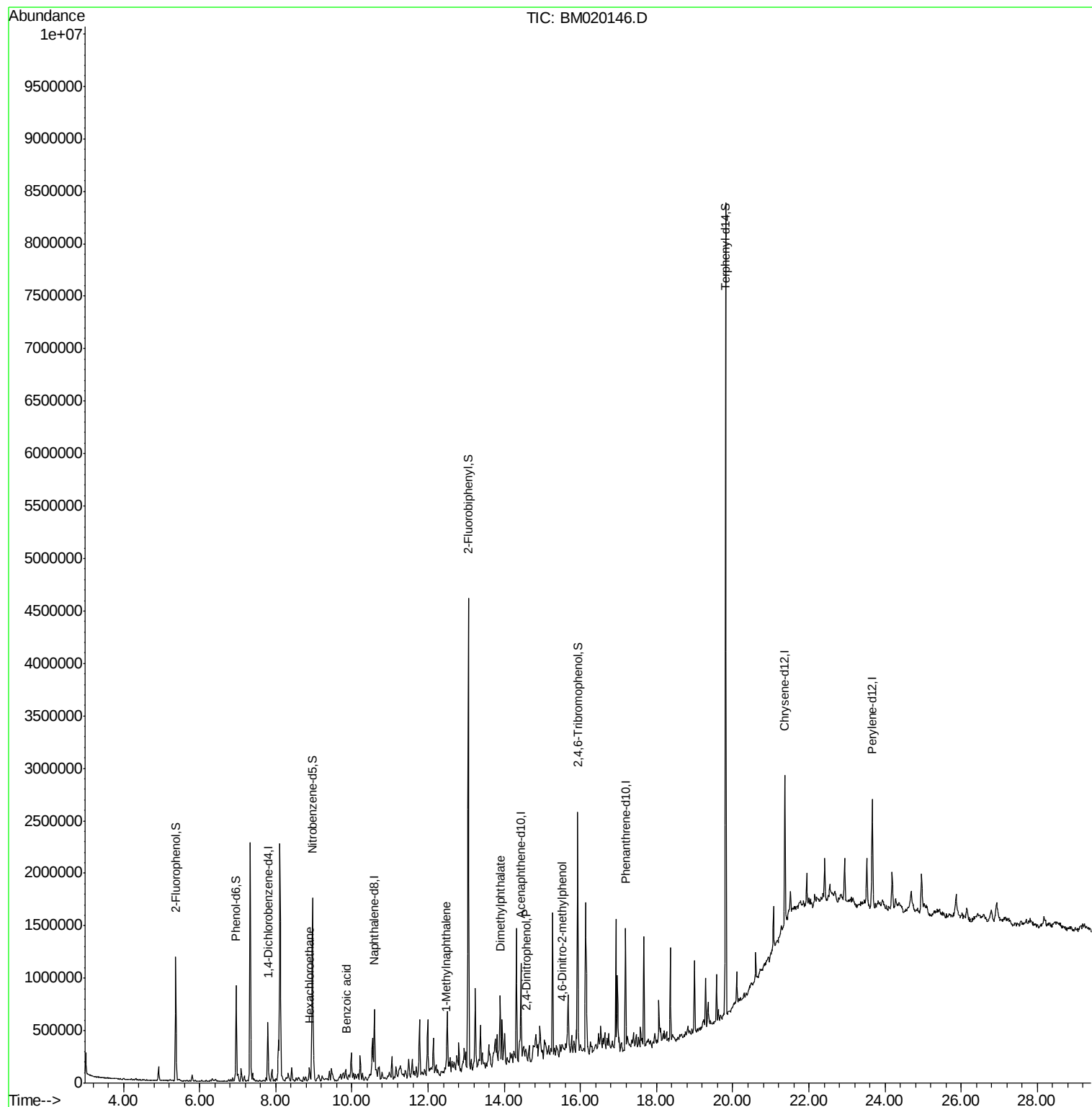
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	136435	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	480735	20.00	ng	0.00
39) Acenaphthene-d10	14.44	164	278581	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	624523	20.00	ng	0.00
76) Chrysene-d12	21.37	240	643833	20.00	ng	0.00
87) Perylene-d12	23.67	264	755248	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	434759	52.09	ng	0.00
7) Phenol-d6	6.96	99	503917	44.19	ng	0.01
23) Nitrobenzene-d5	8.96	82	1049121	86.16	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	422275	97.66	ng	0.01
45) 2-Fluorobiphenyl	13.06	172	2202328	97.27	ng	0.00
79) Terphenyl-d14	19.81	244	3494154	94.66	ng	0.00
Target Compounds						
18) Hexachloroethane	8.89	117	12940	2.905	ng	# 1
32) Benzoic acid	9.87	122	118	6.633	ng	# 1
38) 1-Methylnaphthalene	12.47	142	37940	2.133	ng	# 94
50) Dimethylphthalate	13.89	163	62938	2.658	ng	# 98
54) 2,4-Dinitrophenol	14.59	184	222	8.551	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.53	198	130	7.197	ng	# 1

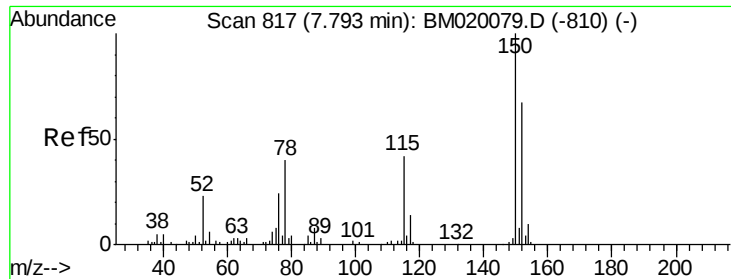
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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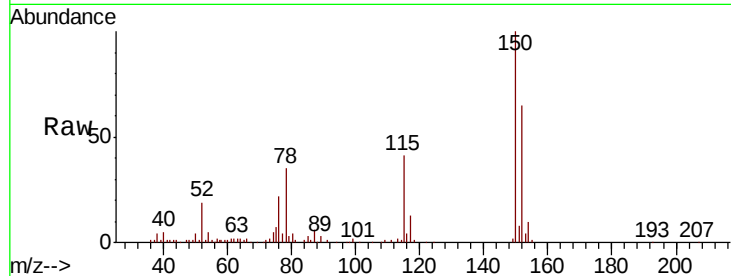


#1

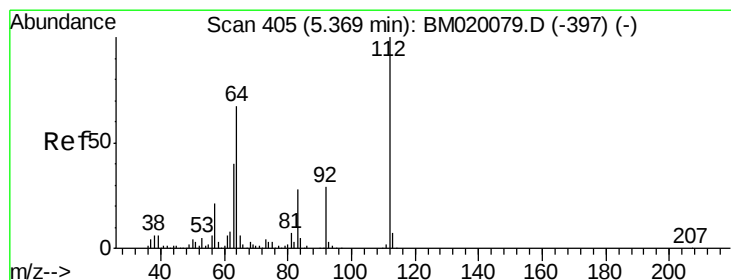
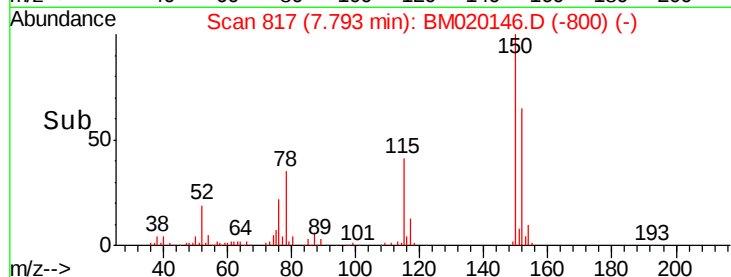
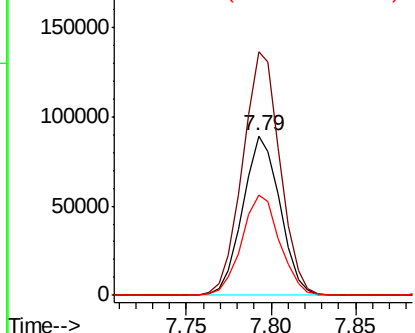
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Instrument :
BNA_M
ClientSampleId :
SV28545L

Tgt Ion:152 Resp: 136435
Ion Ratio Lower Upper
152 100
150 153.0 119.8 179.8
115 62.8 50.8 76.2



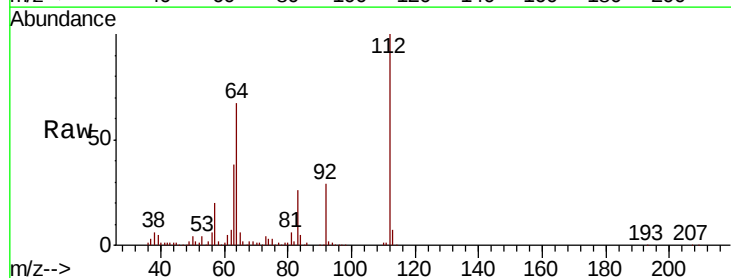
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



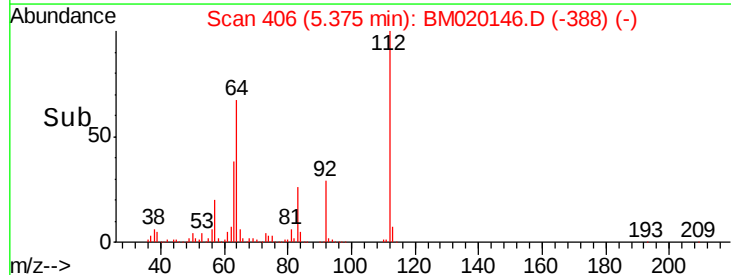
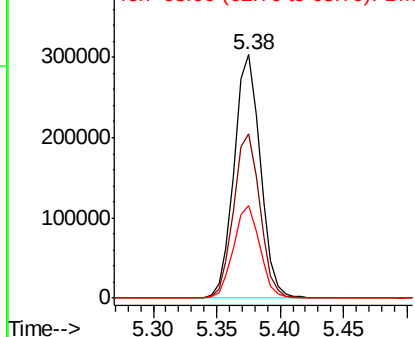
#5

2-Fluorophenol
Concen: 52.087 ng
RT: 5.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Tgt Ion:112 Resp: 434759
Ion Ratio Lower Upper
112 100
64 67.4 53.8 80.6
63 38.1 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: 44.192 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

Instrument :

BNA_M

ClientSampleId :

SV28545L

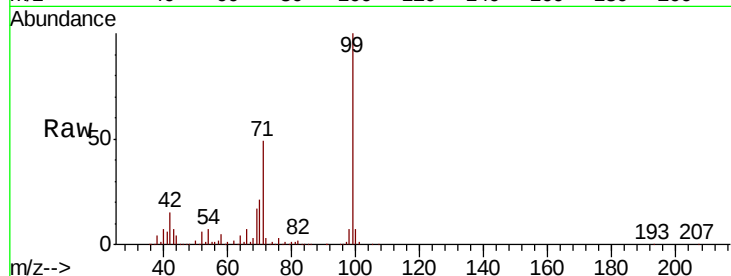
Tgt Ion: 99 Resp: 503917

Ion Ratio Lower Upper

99 100

42 14.6 14.2 21.2

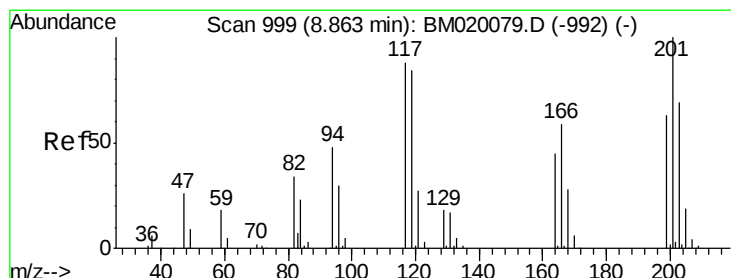
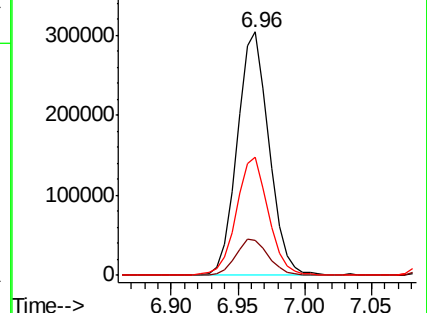
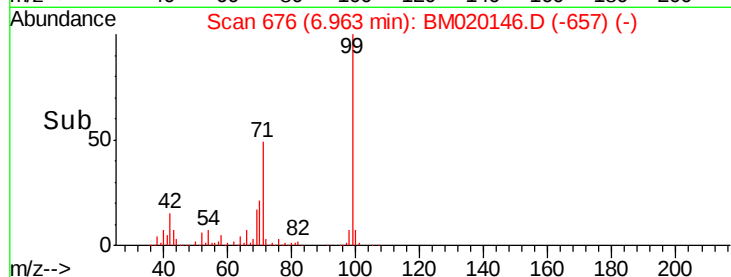
71 48.7 40.3 60.5



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) (-)



#18

Hexachloroethane

Concen: 2.905 ng

RT: 8.89 min Scan# 1004

Delta R.T. 0.03 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

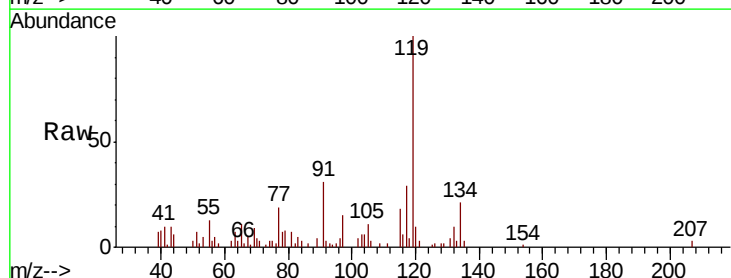
Tgt Ion: 117 Resp: 12940

Ion Ratio Lower Upper

117 100

119 345.1 76.6 114.8#

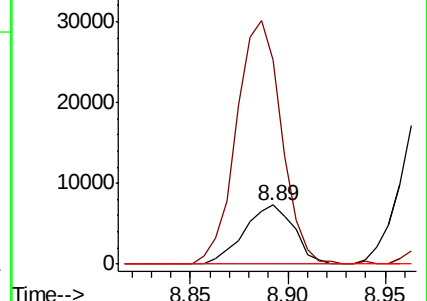
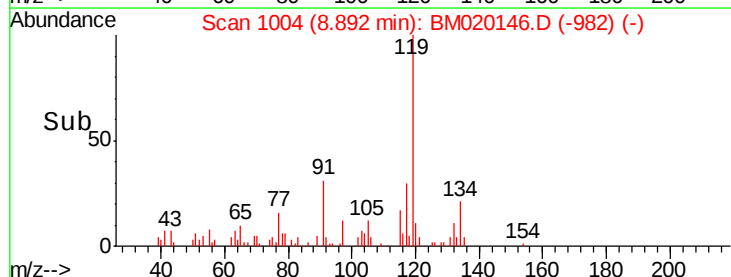
201 0.0 90.7 136.1#

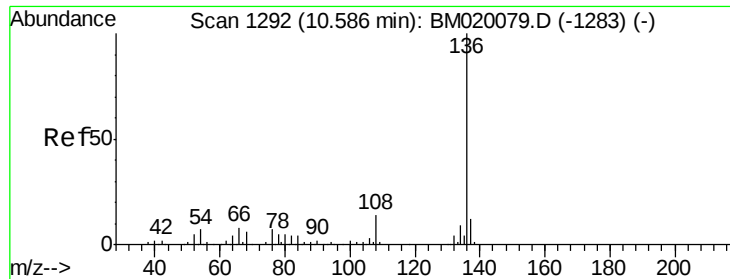


Abundance Ion 117.00 (116.70 to 117.70): BM020079.D (-992) (-)

Ion 119.00 (118.70 to 119.70): BM020079.D (-992) (-)

Ion 201.00 (200.70 to 201.70): BM020079.D (-992) (-)

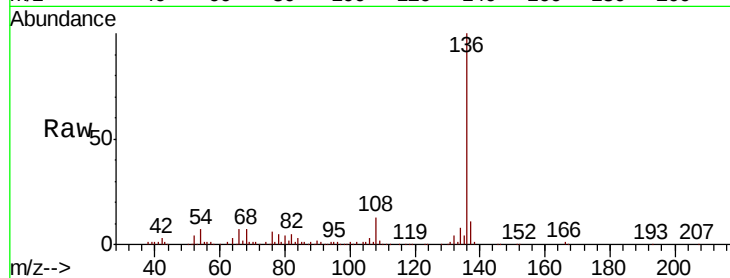




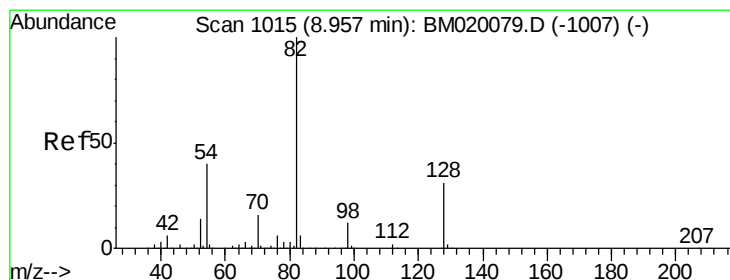
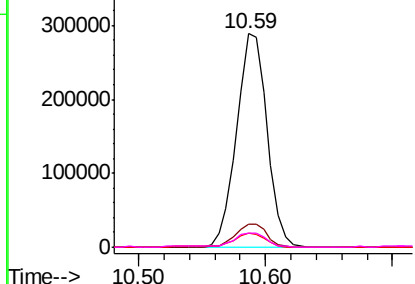
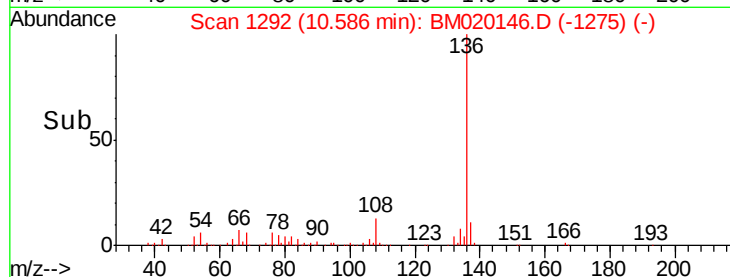
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.59 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Instrument :
BNA_M
ClientSampleId :
SV28545L

Tgt Ion:	136	Resp:	480735
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	6.6	5.5	8.3
68	6.6	4.6	6.8

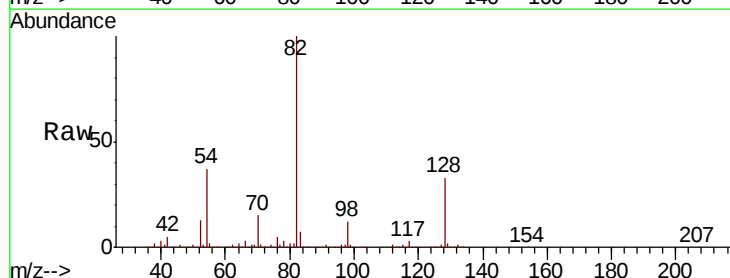


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

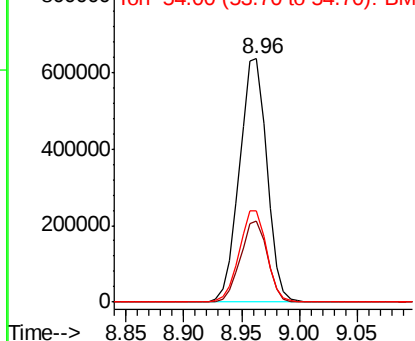
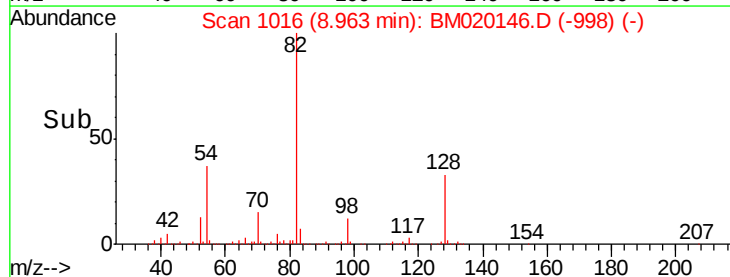


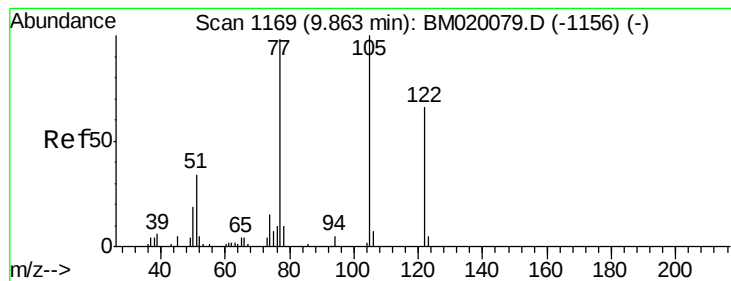
#23
Nitrobenzene-d5
Concen: 86.158 ng
RT: 8.96 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Tgt Ion:	82	Resp:	1049121
Ion	Ratio	Lower	Upper
82	100		
128	33.4	25.2	37.8
54	37.5	31.9	47.9



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#32

Benzoic acid

Concen: 6.633 ng

RT: 9.87 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

Instrument :

BNA_M

ClientSampleId :

SV28545L

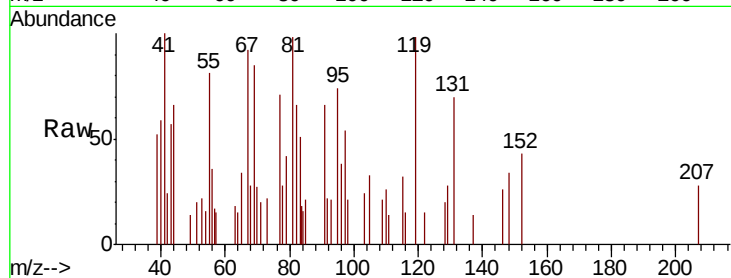
Tgt Ion:122 Resp: 118

Ion Ratio Lower Upper

122 100

105 213.1 122.5 162.5#

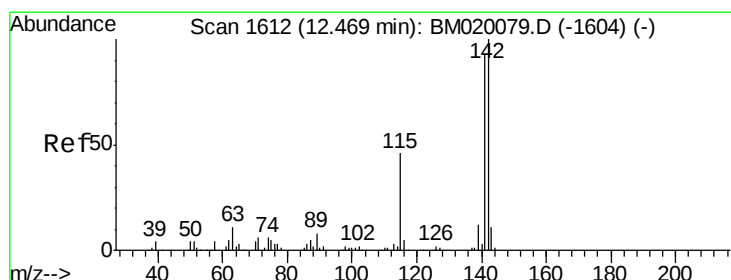
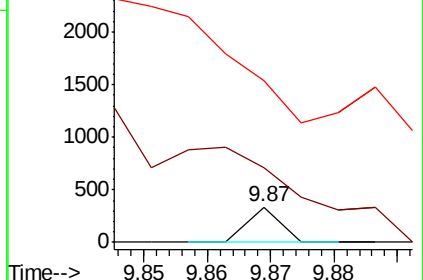
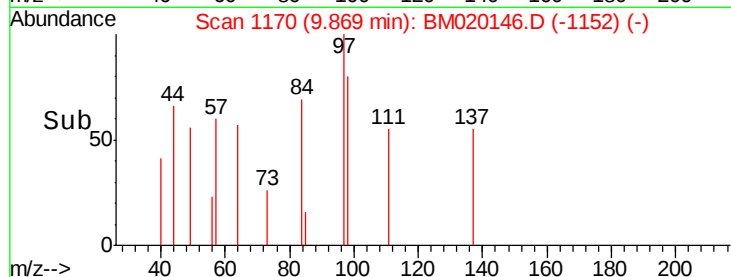
77 460.0 123.3 163.3#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



#38

1-Methylnaphthalene

Concen: 2.133 ng

RT: 12.47 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

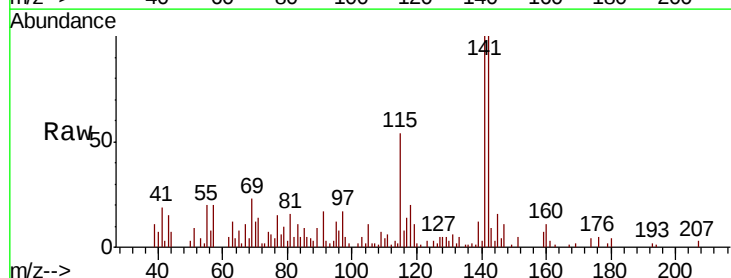
Tgt Ion:142 Resp: 37940

Ion Ratio Lower Upper

142 100

141 99.5 74.8 112.2

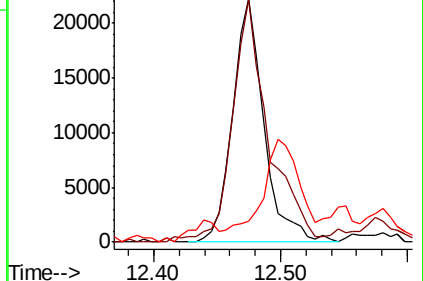
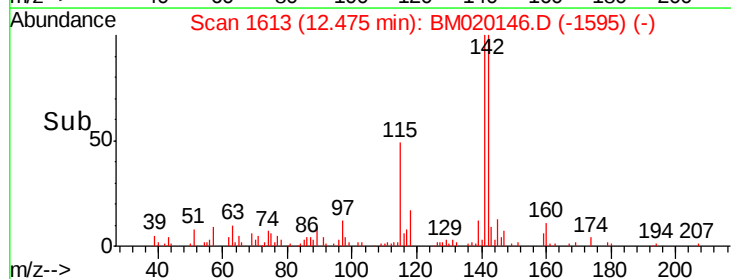
116 8.5 3.9 5.9#

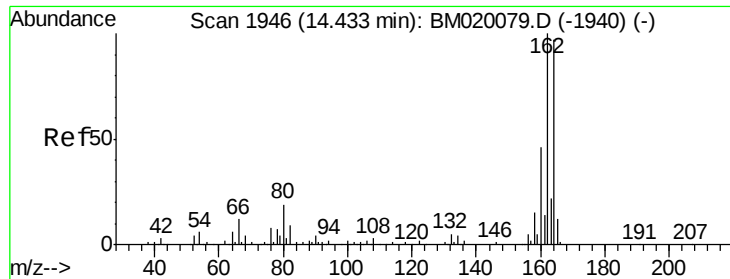


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.44 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

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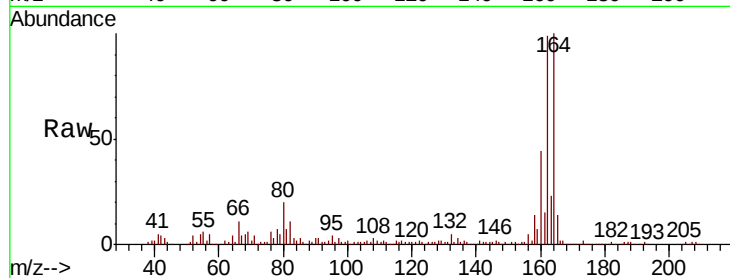
Tgt Ion:164 Resp: 278581

Ion Ratio Lower Upper

164 100

162 99.2 82.2 123.2

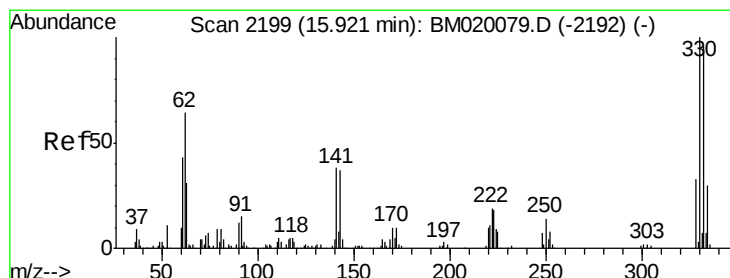
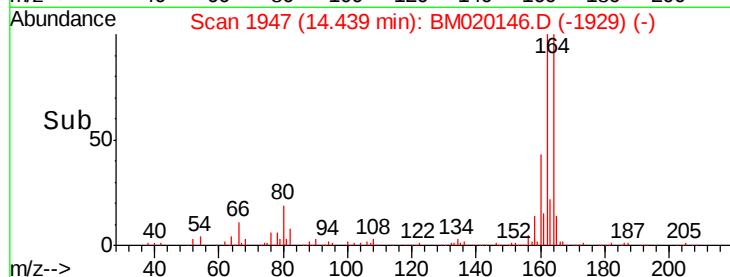
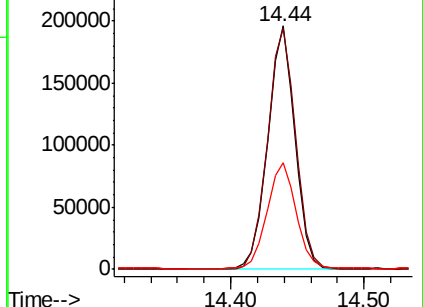
160 43.6 37.6 56.4



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: 97.656 ng

RT: 15.93 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

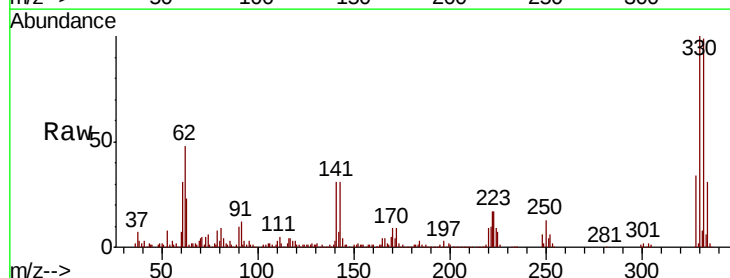
Tgt Ion:330 Resp: 422275

Ion Ratio Lower Upper

330 100

332 97.3 76.8 115.2

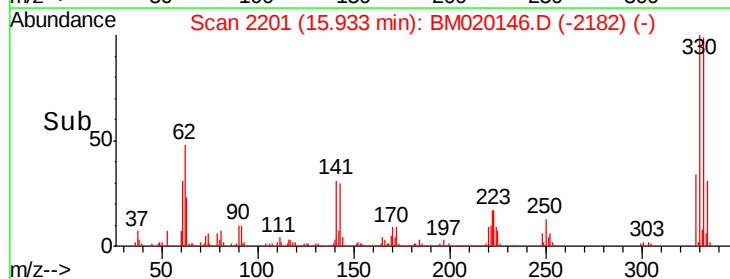
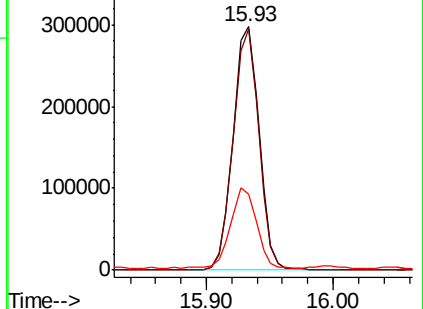
141 33.1 29.2 43.8

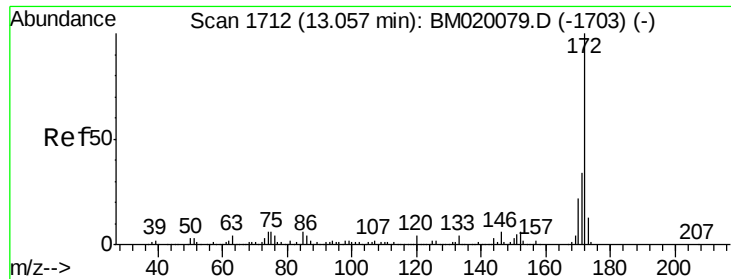


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

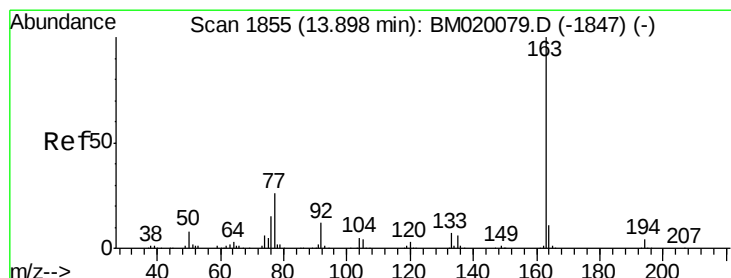
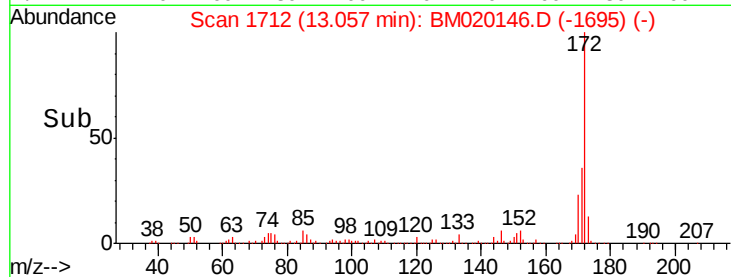
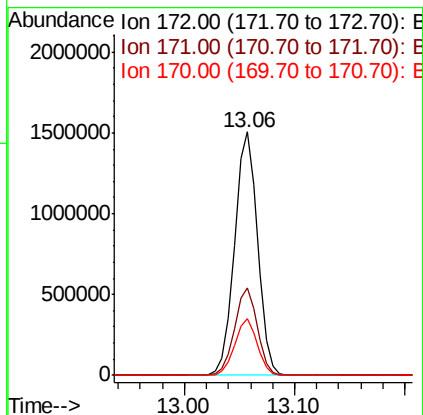
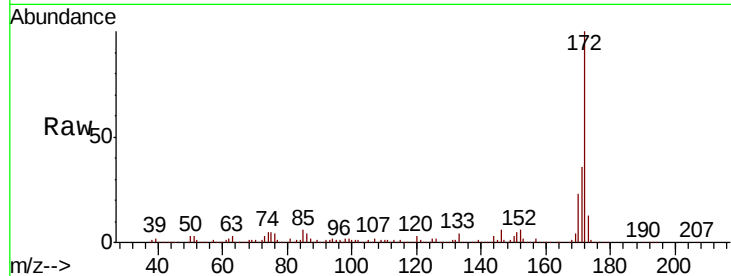




#45
2-Fluorobiphenyl
Concen: 97.267 ng
RT: 13.06 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

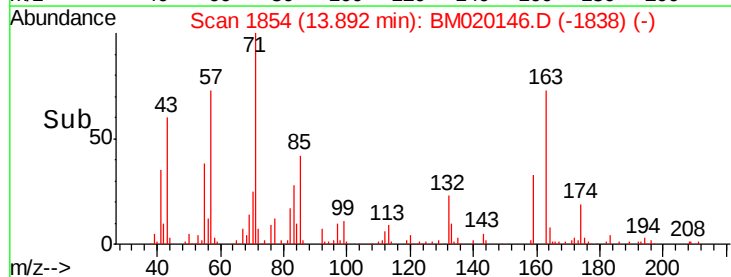
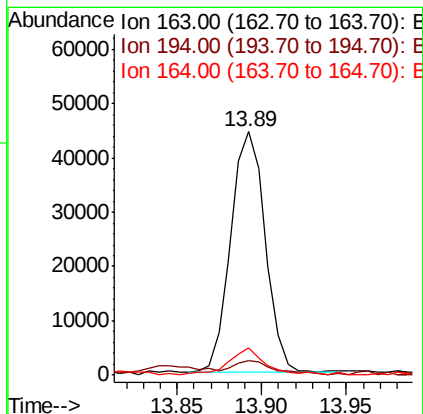
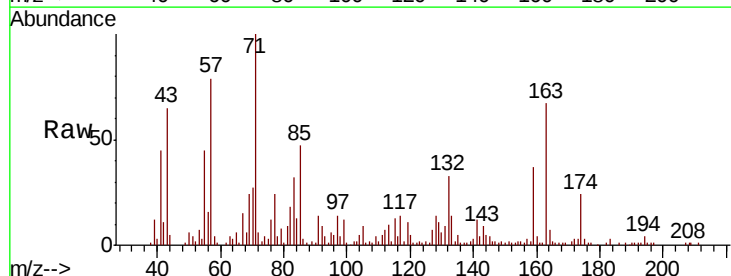
Instrument :
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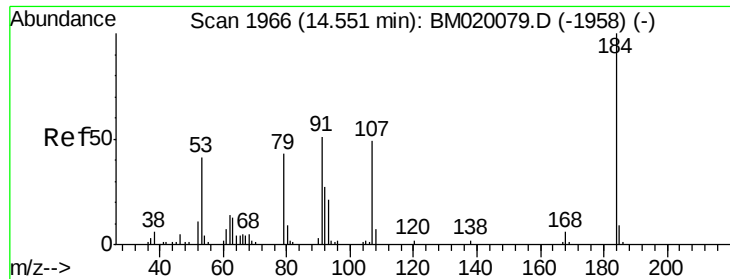
Tgt Ion:172 Resp: 2202328
Ion Ratio Lower Upper
172 100
171 35.7 27.3 40.9
170 23.1 17.9 26.9



#50
Dimethylphthalate
Concen: 2.658 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Tgt Ion:163 Resp: 62938
Ion Ratio Lower Upper
163 100
194 6.0 3.6 5.4#
164 11.1 8.4 12.6

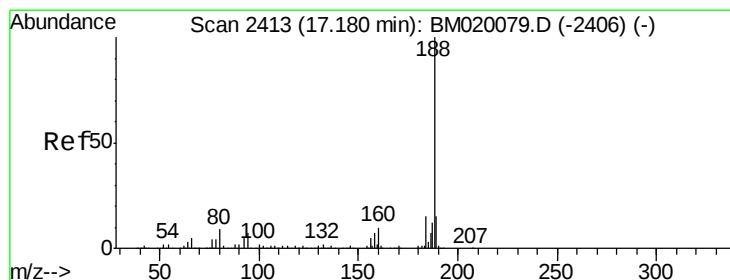
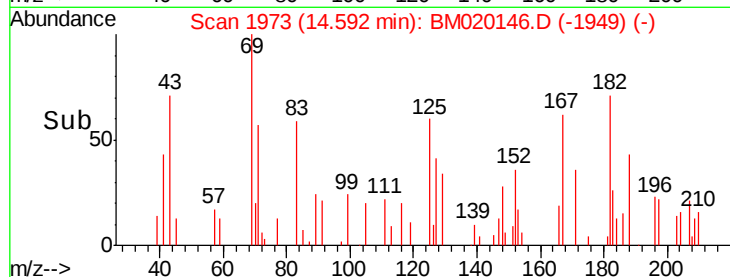
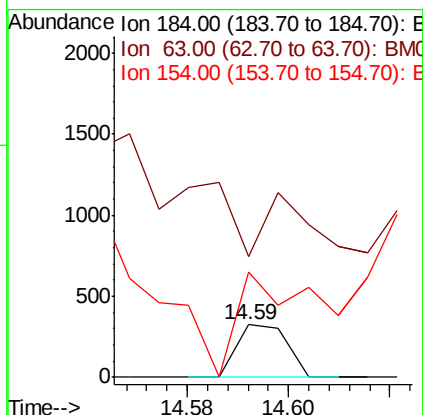
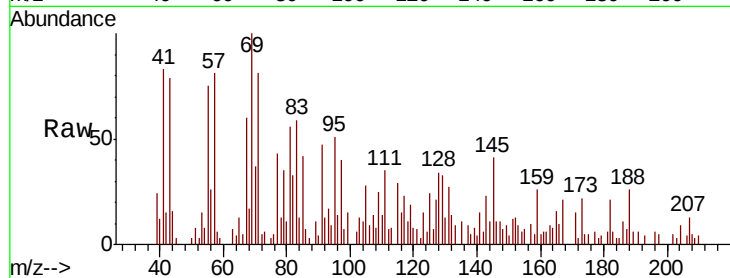




#54
 2,4-Dinitrophenol
 Concen: 8.551 ng
 RT: 14.59 min Scan# 1973
 Delta R.T. 0.04 min
 Lab File: BM020146.D
 Acq: 06 May 2019 21:26

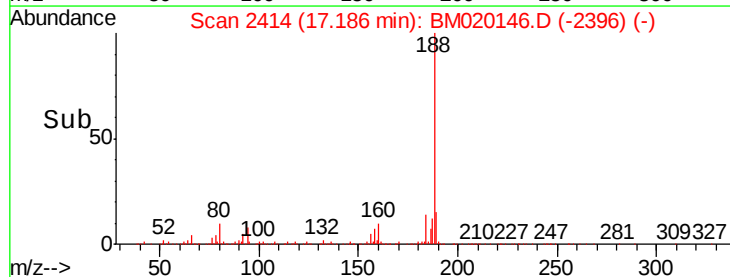
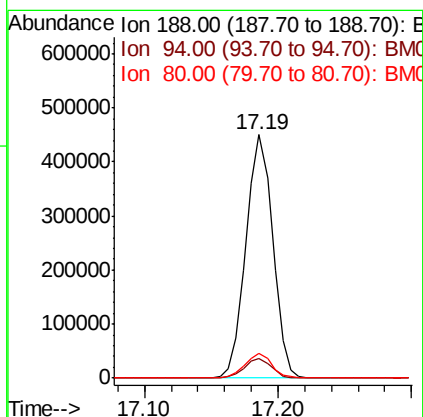
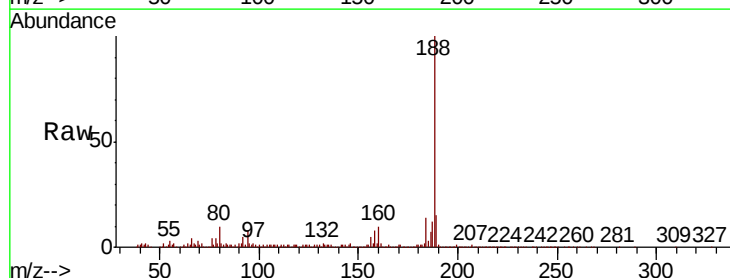
Instrument :
 BNA_M
 ClientSampled :
 SV28545L

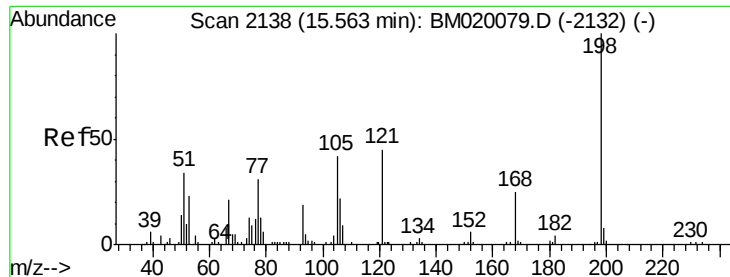
Tgt Ion:184 Resp: 222
 Ion Ratio Lower Upper
 184 100
 63 231.9 68.9 103.3#
 154 201.2 54.4 81.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.19 min Scan# 2414
 Delta R.T. 0.01 min
 Lab File: BM020146.D
 Acq: 06 May 2019 21:26

Tgt Ion:188 Resp: 624523
 Ion Ratio Lower Upper
 188 100
 94 7.8 5.8 8.6
 80 10.1 7.4 11.2





#65

4,6-Dinitro-2-methylphenol

Concen: 7.197 ng

RT: 15.53 min Scan# 2133

Delta R.T. -0.03 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

Instrument :

BNA_M

ClientSampleId :

SV28545L

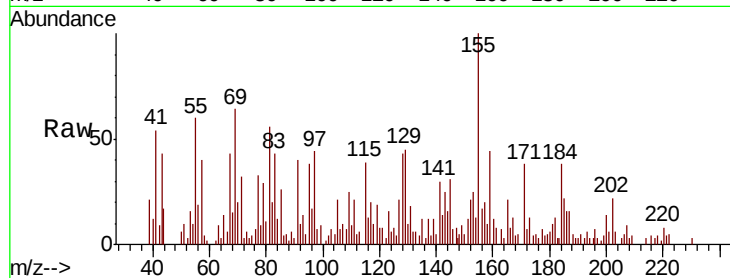
Tgt Ion:198 Resp: 130

Ion Ratio Lower Upper

198 100

51 395.1 16.5 56.5#

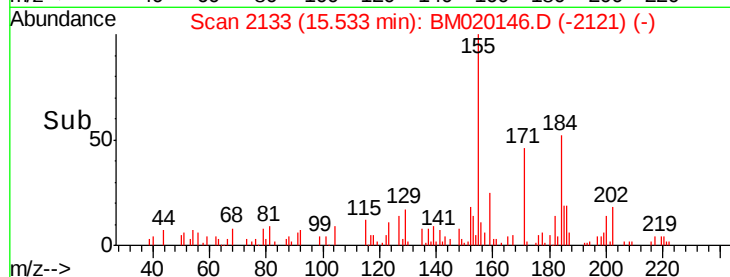
105 864.4 22.8 62.8#



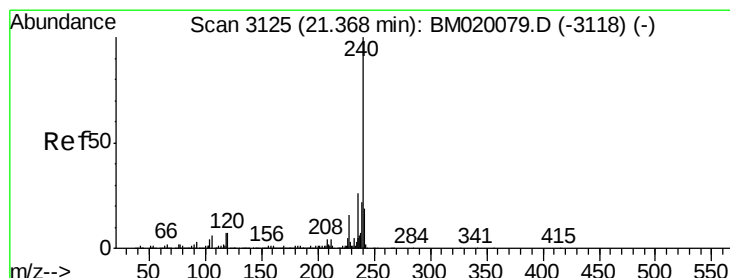
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

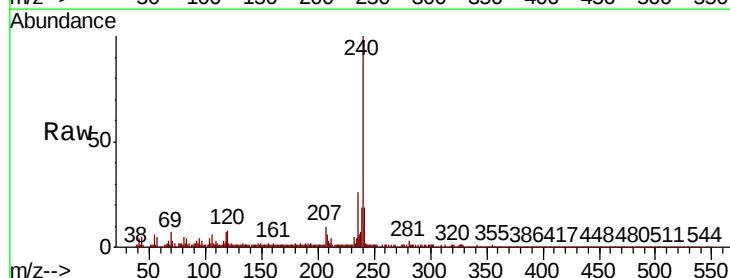
Tgt Ion:240 Resp: 643833

Ion Ratio Lower Upper

240 100

120 7.7 5.6 8.4

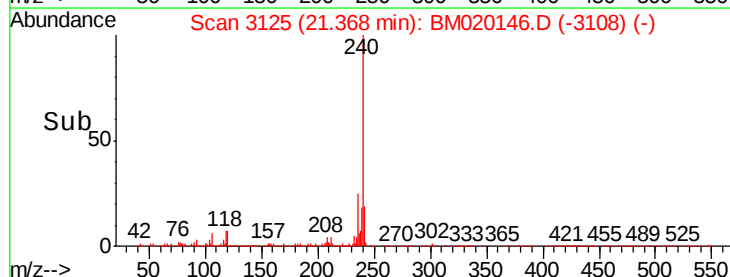
236 25.9 20.9 31.3



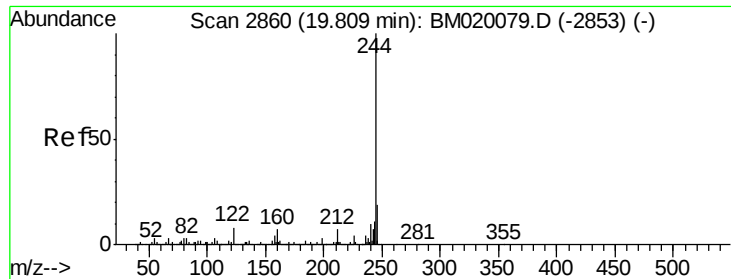
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 94.661 ng

RT: 19.81 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

Instrument :

BNA_M

ClientSampleId :

SV28545L

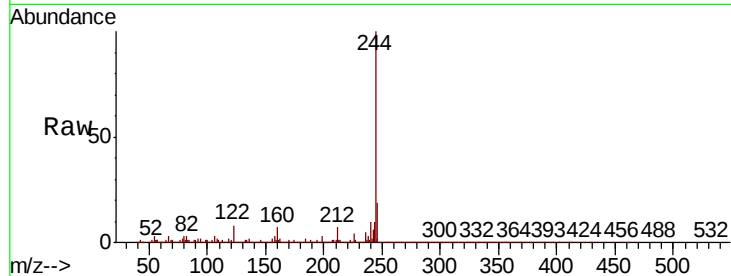
Tgt Ion:244 Resp: 3494154

Ion Ratio Lower Upper

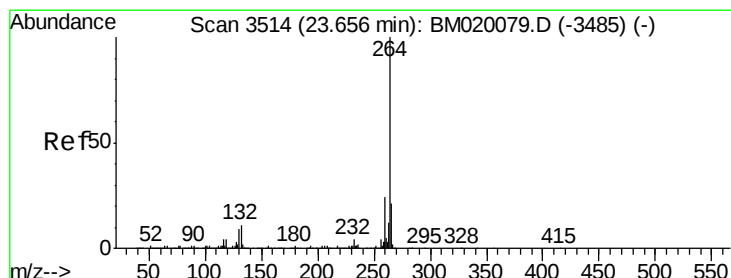
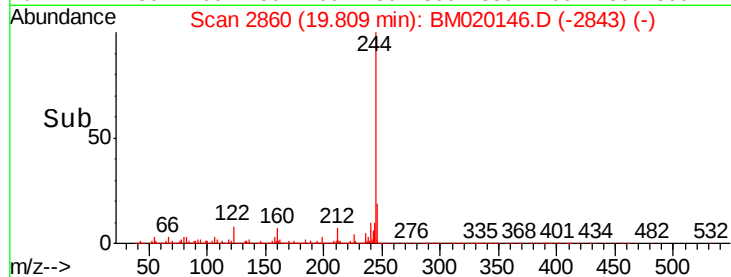
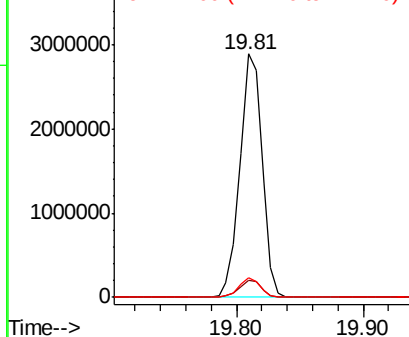
244 100

212 7.0 5.7 8.5

122 8.0 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: 23.67 min Scan# 3516

Delta R.T. 0.01 min

Lab File: BM020146.D

Acq: 06 May 2019 21:26

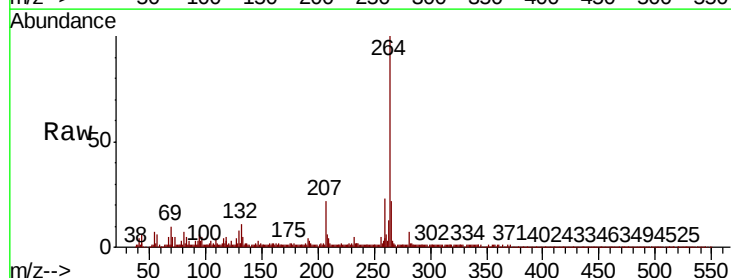
Tgt Ion:264 Resp: 755248

Ion Ratio Lower Upper

264 100

260 23.2 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

