

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
 Data File : BM028558.D
 Acq On : 27 Jan 2021 01:36
 Operator : CG/JU
 Sample : M1228-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-012521

Manual Integrations
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Quant Time: Jan 27 03:28:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 03:11:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	40922	20.00	ng	0.00
21) Naphthalene-d8	10.810	136	152295	20.00	ng	# 0.00
39) Acenaphthene-d10	14.633	164	79245	20.00	ng	0.00
64) Phenanthrene-d10	17.368	188	146469	20.00	ng	# 0.00
76) Chrysene-d12	21.497	240	139654	20.00	ng	# 0.00
86) Perylene-d12	23.774	264	146322	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	109113	42.12	ng	0.06
7) Phenol-d6	7.240	99	138400	39.24	ng	0.09
23) Nitrobenzene-d5	9.169	82	85199	26.53	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	37869	36.07	ng	0.02
45) 2-Fluorobiphenyl	13.257	172	181912	28.80	ng	0.00
79) Terphenyl-d14	19.956	244	204671	26.46	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.363	152	18381	2.24	ng	98
52) Acenaphthene	14.698	154	13799	2.71	ng	98
58) Fluorene	15.680	166	20803	3.24	ng	99
71) Phenanthrene	17.409	178	163648	18.17	ng	99
72) Anthracene	17.498	178	48814	5.61	ng	98
75) Fluoranthene	19.403	202	230579	22.79	ng	96
78) Pyrene	19.762	202	213062	21.28	ng	99
81) Benzo(a)anthracene	21.486	228	96150	9.97	ng	95
83) Chrysene	21.533	228	95012m	10.21	ng	
87) Indeno(1,2,3-cd)pyrene	26.091	276	59092m	5.42	ng	
88) Benzo(b)fluoranthene	23.091	252	111820m	11.26	ng	
89) Benzo(k)fluoranthene	23.127	252	43691m	4.50	ng	
90) Benzo(a)pyrene	23.674	252	90280	9.81	ng	# 90
92) Benzo(g,h,i)perylene	26.809	276	61096	6.89	ng	# 86

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

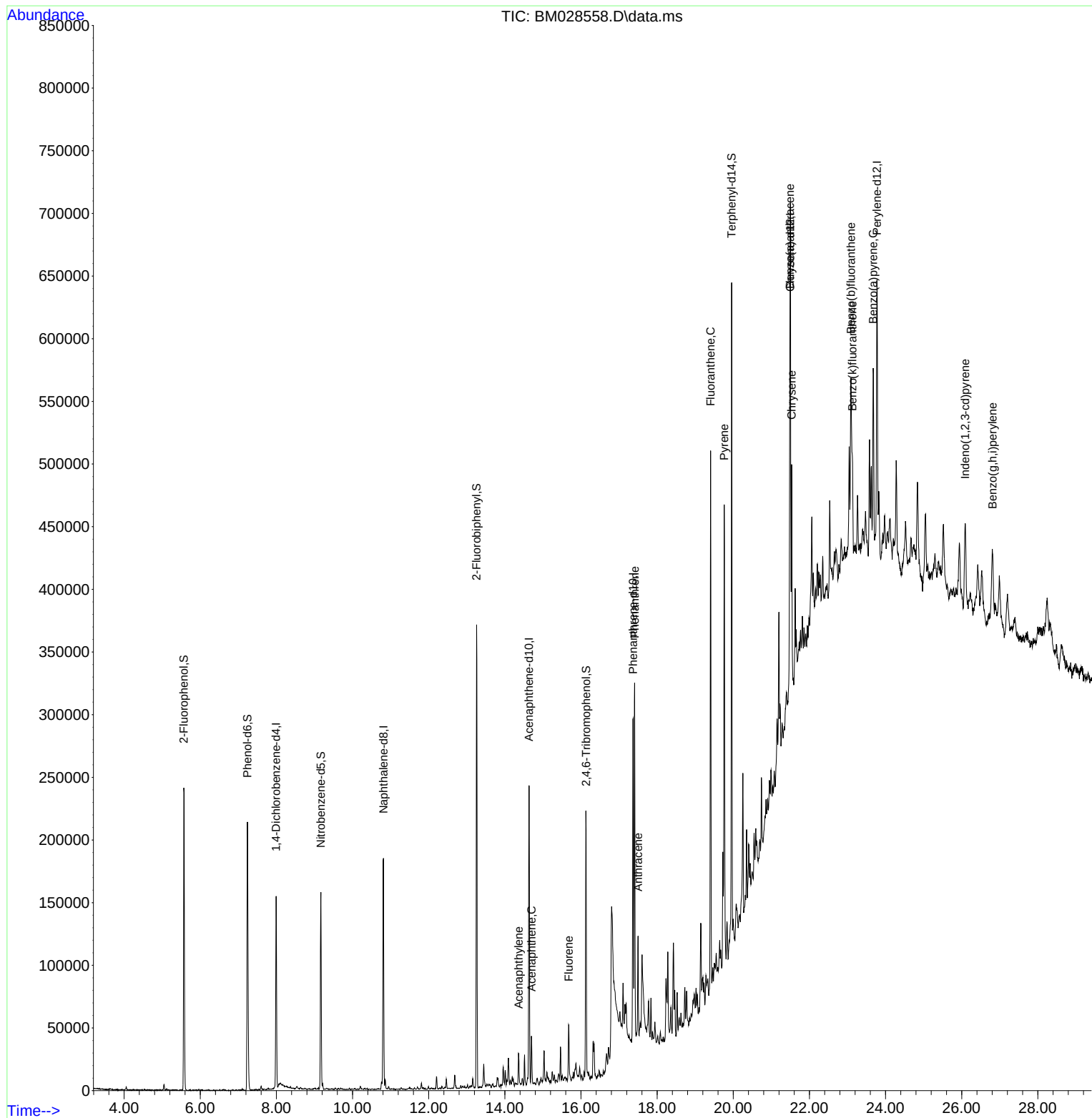
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Data File : BM028558.D
Acq On : 27 Jan 2021 01:36
Operator : CG/JU
Sample : M1228-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

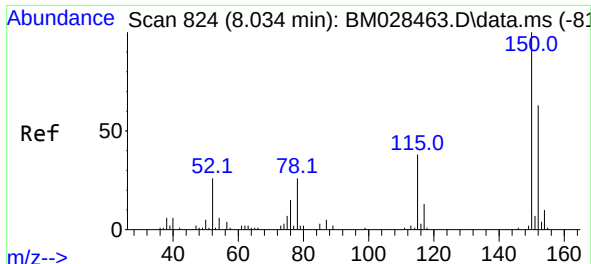
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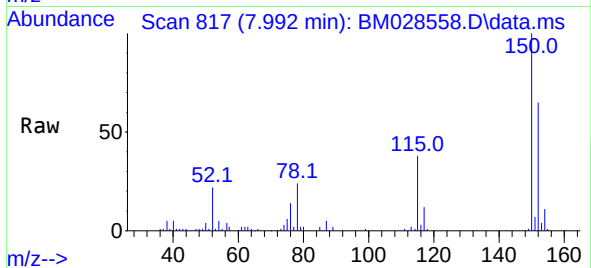
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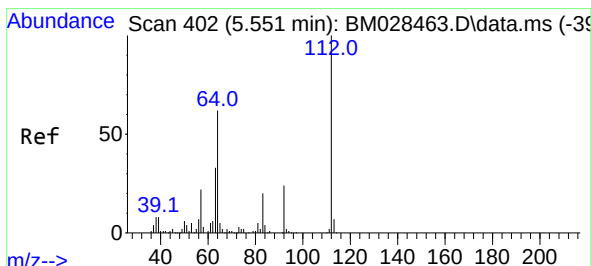
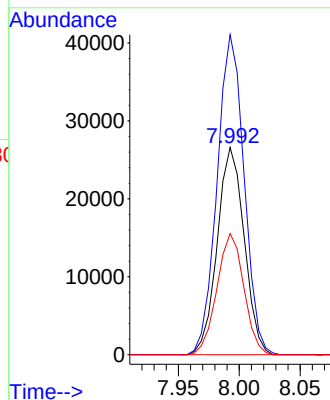
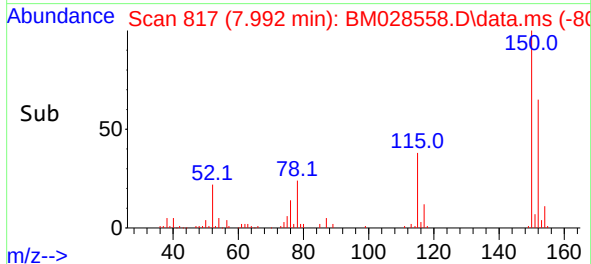




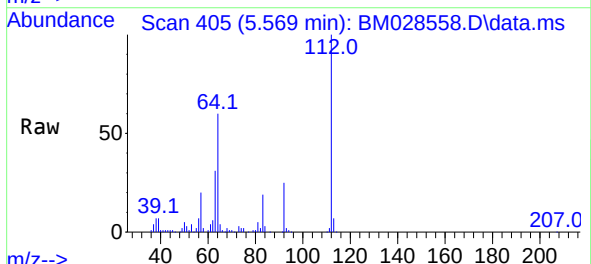
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.992 min Scan# 817
Delta R.T. -0.001 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36



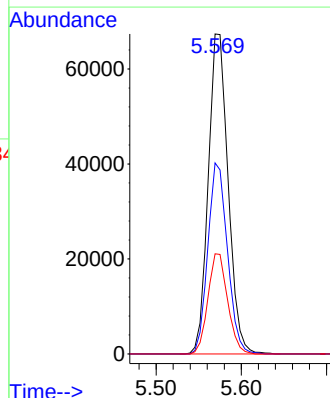
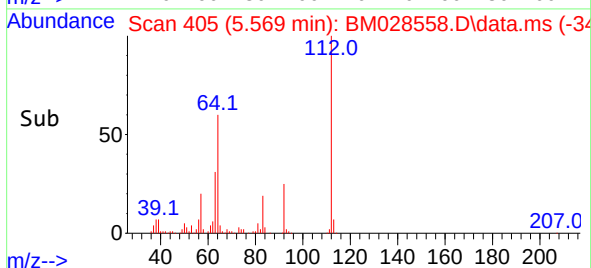
Tgt Ion:152 Resp: 40922
Ion Ratio Lower Upper
152 100
150 154.5 120.6 181.0
115 58.5 47.2 70.8



#5
2-Fluorophenol
Concen: 42.12 ng
RT: 5.569 min Scan# 405
Delta R.T. 0.058 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36



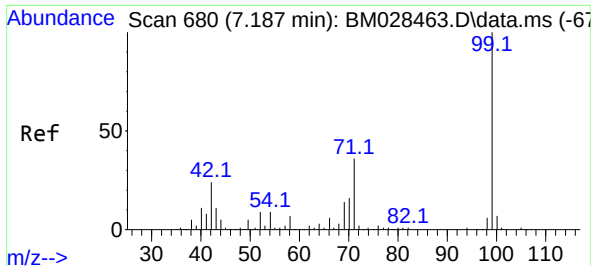
Tgt Ion:112 Resp: 109113
Ion Ratio Lower Upper
112 100
64 59.7 50.6 76.0
63 31.3 31.0 46.6



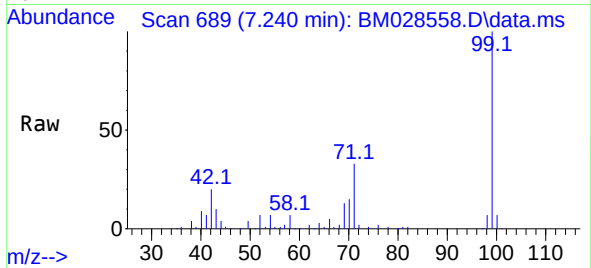
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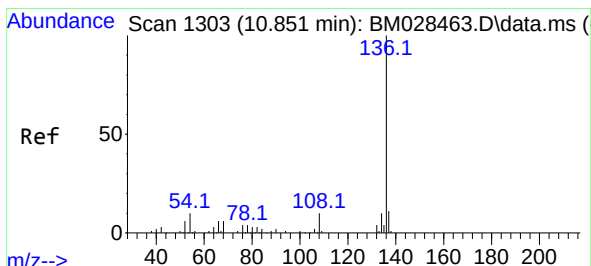
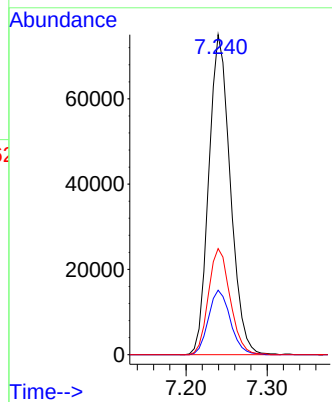
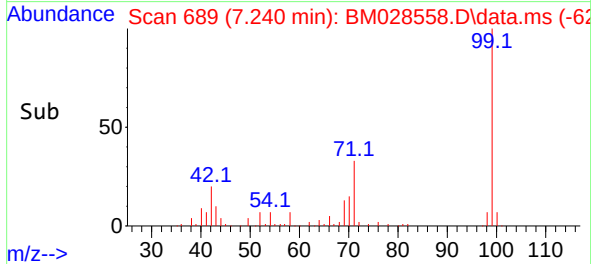
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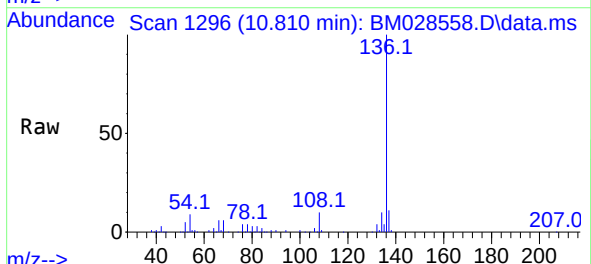
#7
Phenol-d6
Concen: 39.24 ng
RT: 7.240 min Scan# 689
Delta R.T. 0.088 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36



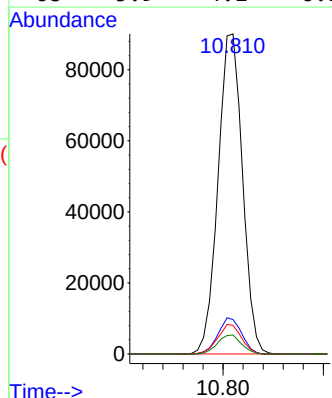
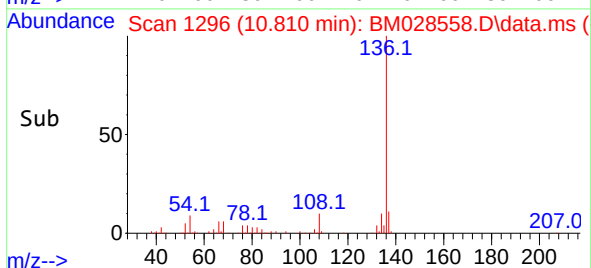
Tgt Ion: 99 Resp: 138400
Ion Ratio Lower Upper
99 100
42 20.1 13.5 20.3
71 33.2 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.810 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36



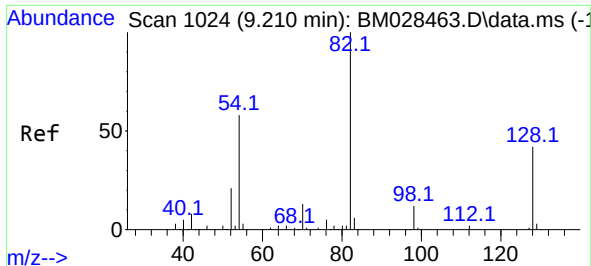
Tgt Ion: 136 Resp: 152295
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.0 4.6 7.0#
68 5.9 4.1 6.1



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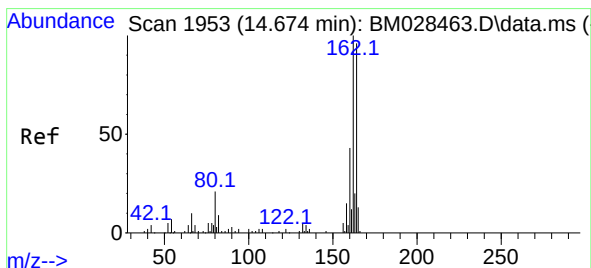
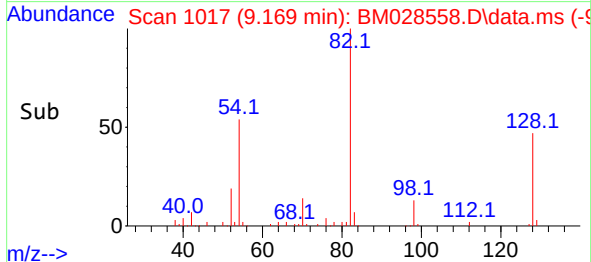
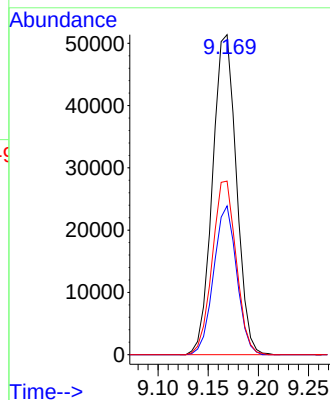
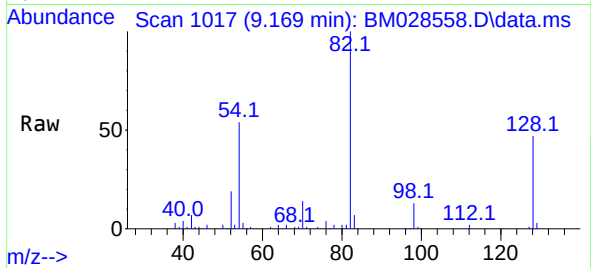
#23
Nitrobenzene-d5
Concen: 26.53 ng
RT: 9.169 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36

Tgt Ion: 82 Resp: 85199
Ion Ratio Lower Upper
82 100
128 46.5 27.4 41.0#
54 54.3 31.4 47.0#

Instrument :
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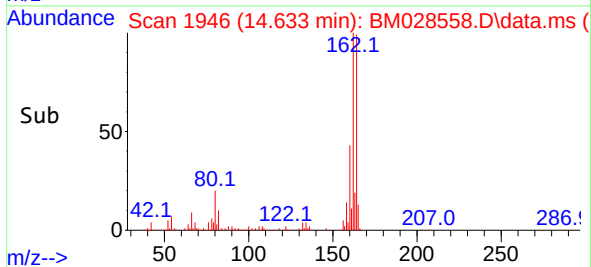
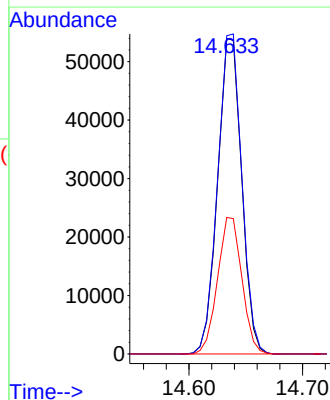
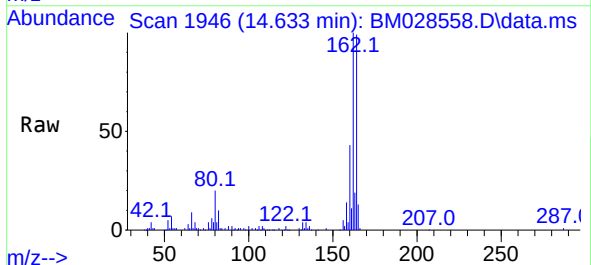
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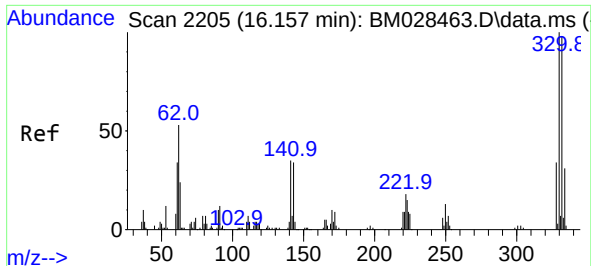
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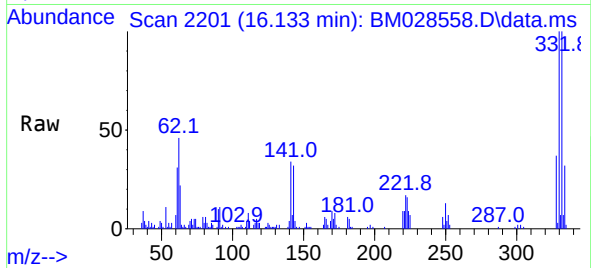
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BM028558.D
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Tgt Ion:164 Resp: 79245
Ion Ratio Lower Upper
164 100
162 100.9 80.4 120.6
160 43.3 35.9 53.9

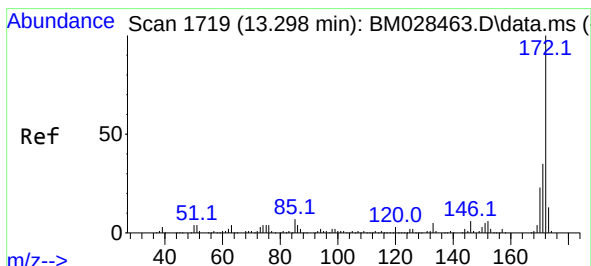
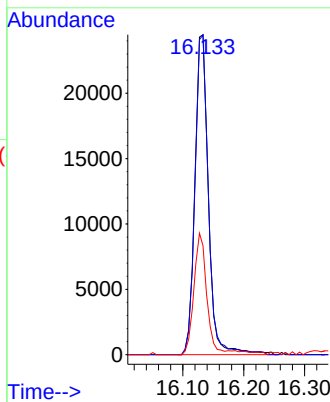
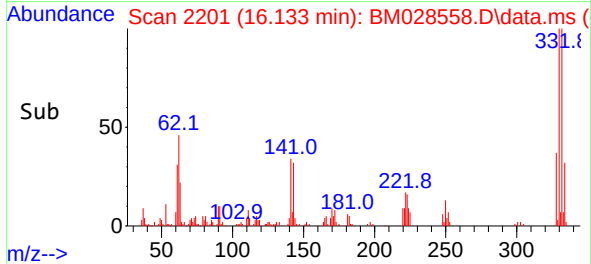




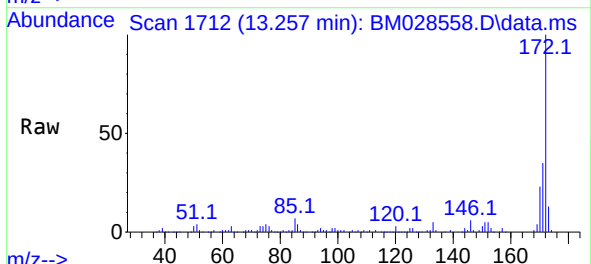
#42
2,4,6-Tribromophenol
Concen: 36.07 ng
RT: 16.133 min Scan# 2201
Delta R.T. 0.017 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36



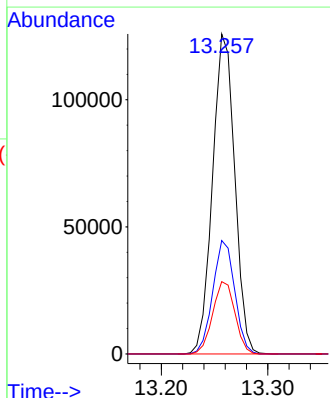
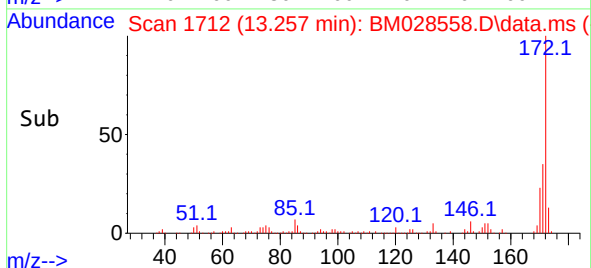
Tgt Ion:330 Resp: 37869
Ion Ratio Lower Upper
330 100
332 98.9 77.8 116.8
141 35.6 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 28.80 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36



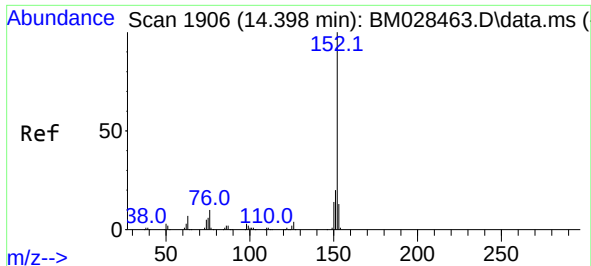
Tgt Ion:172 Resp: 181912
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 22.6 18.6 27.8



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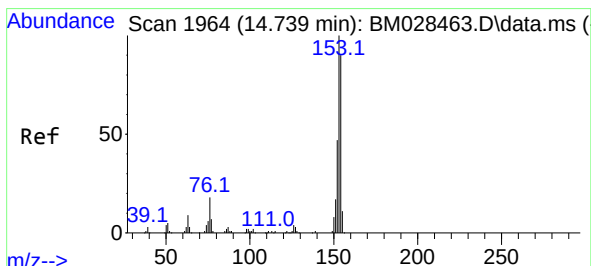
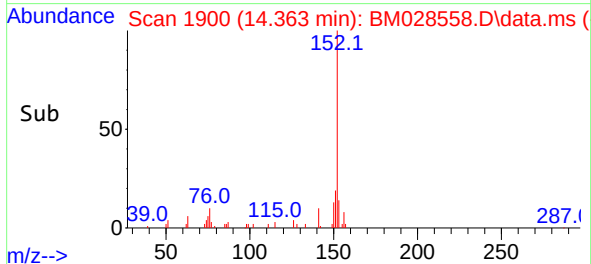
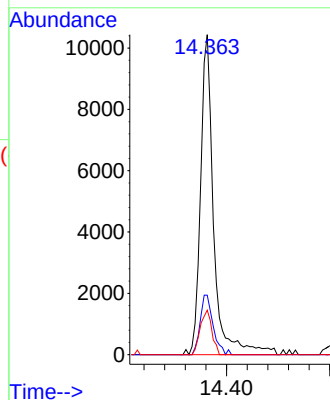
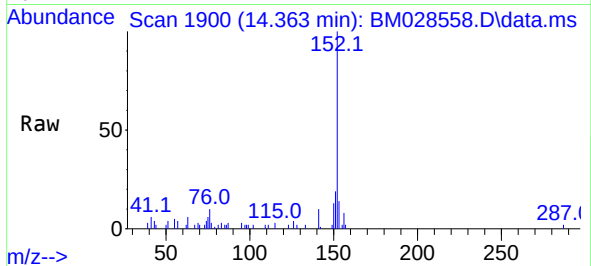
#49
Acenaphthylene
Concen: 2.24 ng
RT: 14.363 min Scan# 1900
Delta R.T. 0.006 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36

Tgt Ion:	152	Resp:	18381
Ion Ratio	Lower	Upper	
152	100		
151	18.6	15.8	23.6
153	13.9	10.4	15.6

Instrument :
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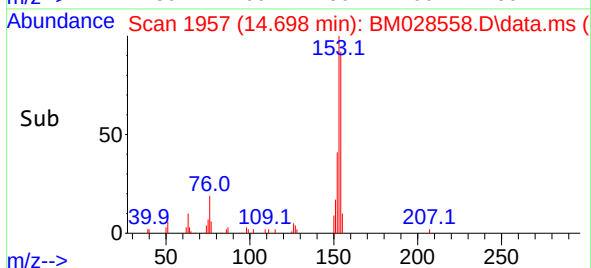
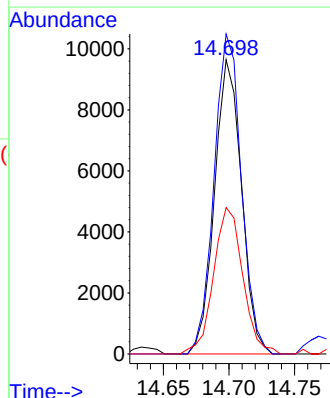
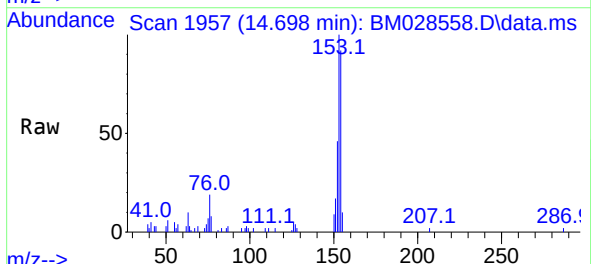
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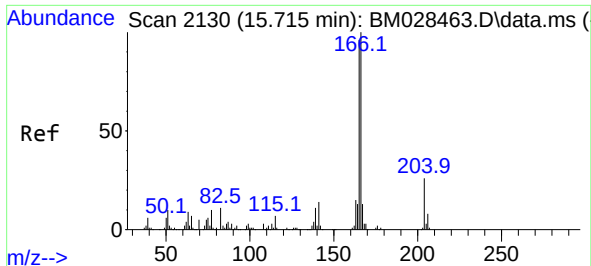
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#52
Acenaphthene
Concen: 2.71 ng
RT: 14.698 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36

Tgt Ion:	154	Resp:	13799
Ion Ratio	Lower	Upper	
154	100		
153	108.7	88.3	132.5
152	49.8	41.4	62.2





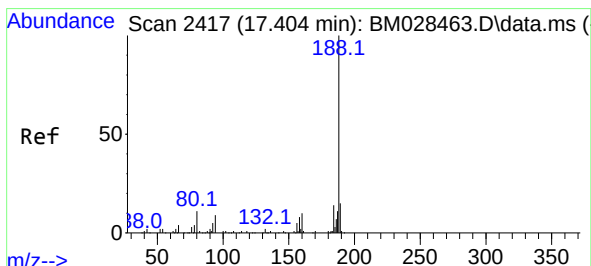
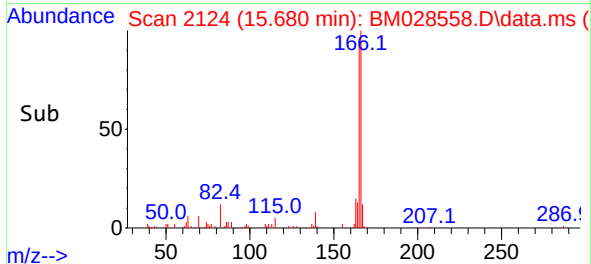
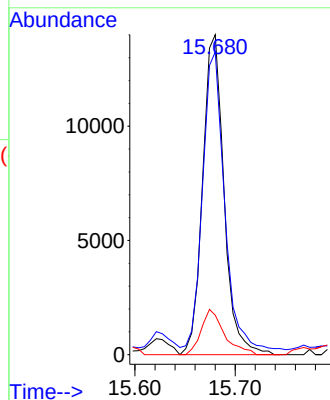
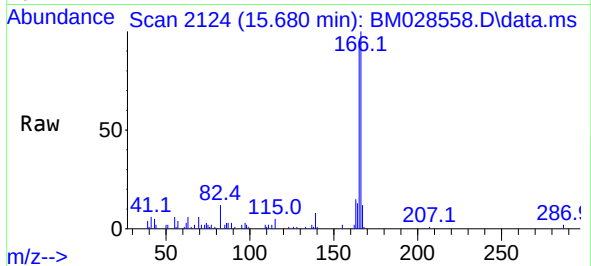
#58
Fluorene
Concen: 3.24 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36

Tgt Ion:166 Resp: 20803
Ion Ratio Lower Upper
166 100
165 94.6 76.2 114.2
167 12.3 10.7 16.1

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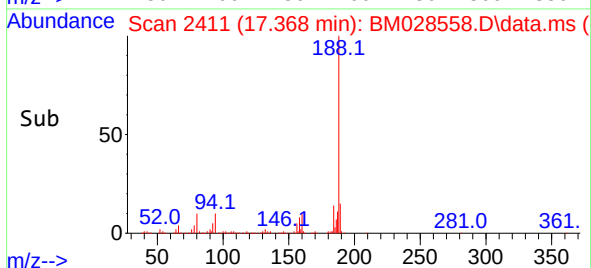
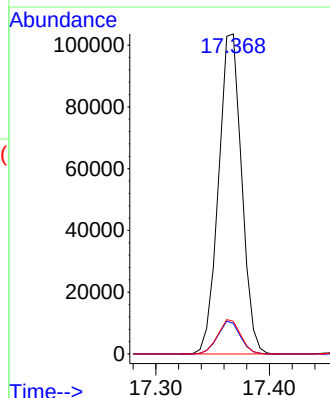
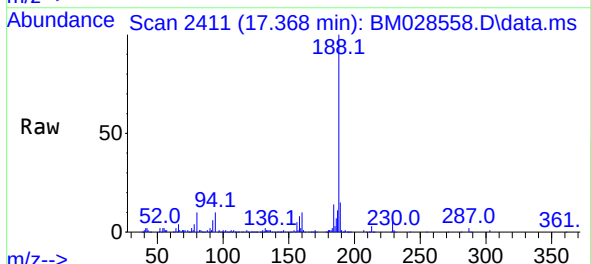
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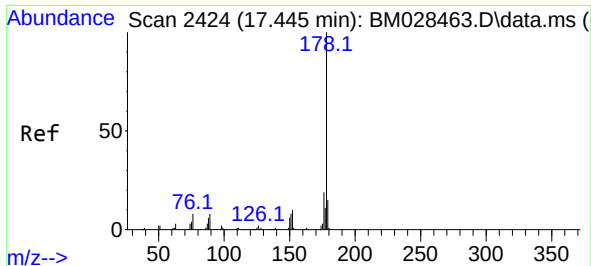
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.368 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BM028558.D
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Tgt Ion:188 Resp: 146469
Ion Ratio Lower Upper
188 100
94 9.6 6.2 9.4#
80 10.2 7.5 11.3





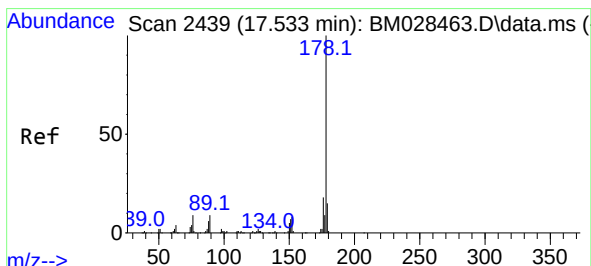
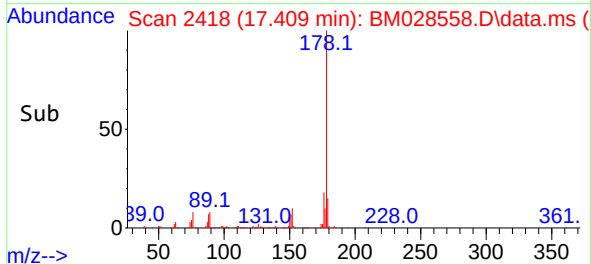
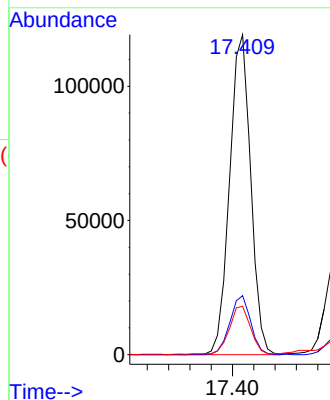
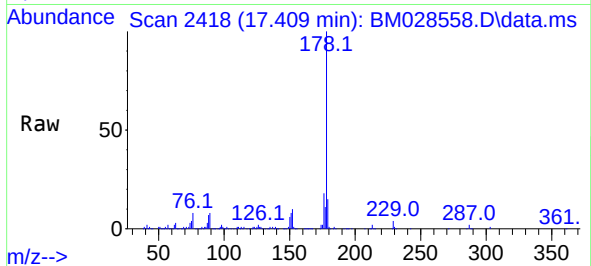
#71
Phenanthrene
Concen: 18.17 ng
RT: 17.409 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36

Tgt Ion:178 Resp: 163648
Ion Ratio Lower Upper
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176 18.5 15.0 22.6
179 15.1 12.2 18.4

Instrument :
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ClientSampled :
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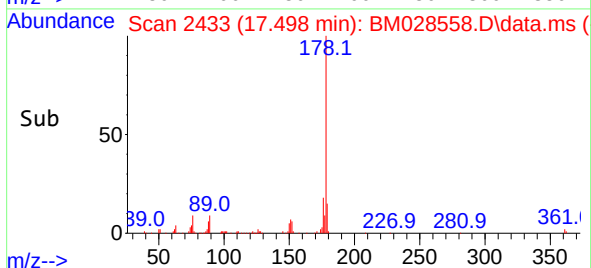
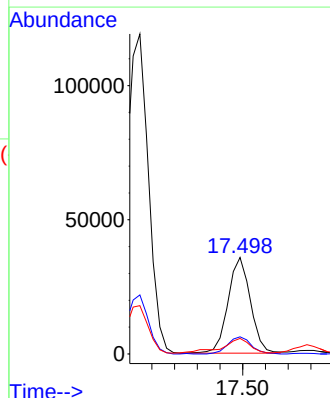
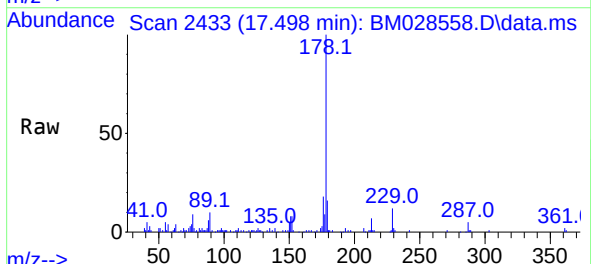
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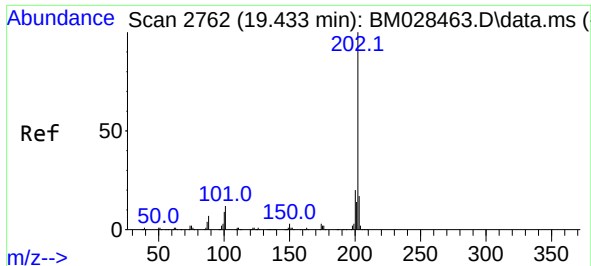
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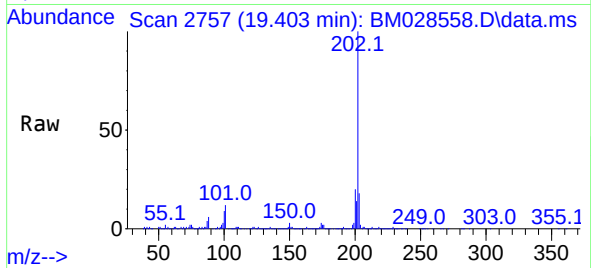
#72
Anthracene
Concen: 5.61 ng
RT: 17.498 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36

Tgt Ion:178 Resp: 48814
Ion Ratio Lower Upper
178 100
176 17.7 15.0 22.4
179 16.0 12.5 18.7

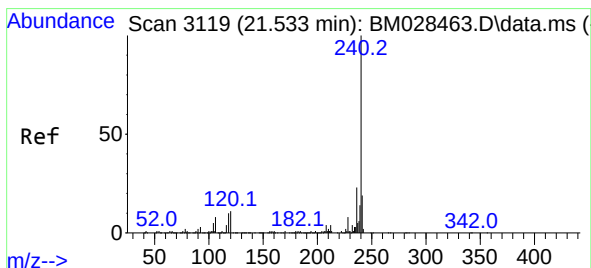
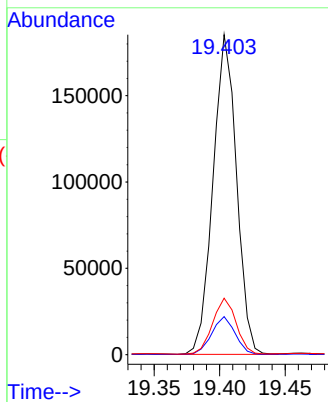
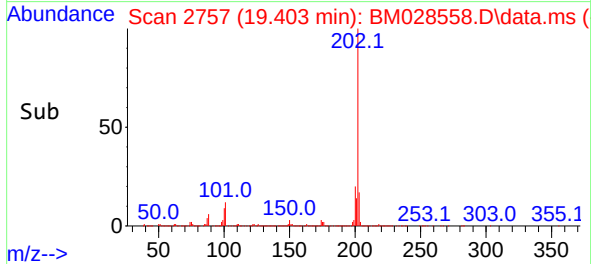




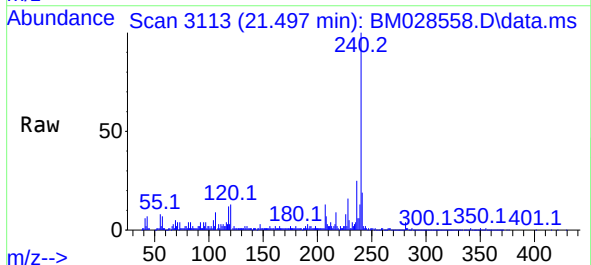
#75
Fluoranthene
Concen: 22.79 ng
RT: 19.403 min Scan# 2757
Delta R.T. -0.000 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36



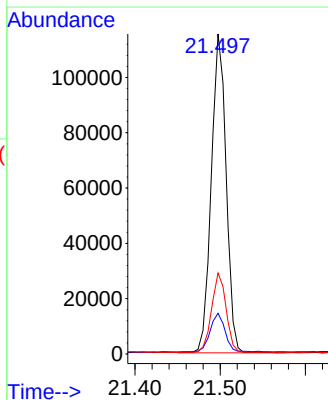
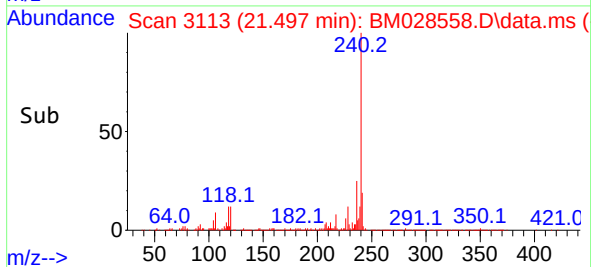
Tgt Ion:202 Resp: 230579
Ion Ratio Lower Upper
202 100
101 11.9 0.0 28.5
203 17.6 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.497 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36



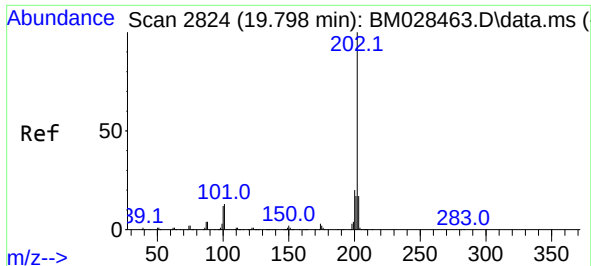
Tgt Ion:240 Resp: 139654
Ion Ratio Lower Upper
240 100
120 12.7 6.4 9.6#
236 25.3 20.1 30.1



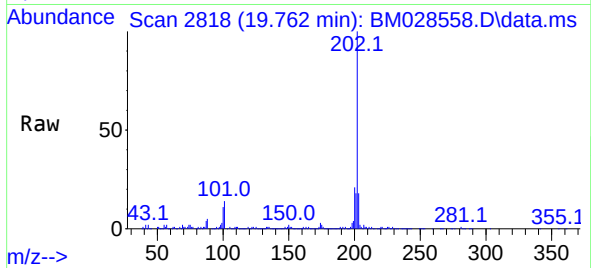
Instrument :
BNA_M
ClientSampleId :
OK-01-012521

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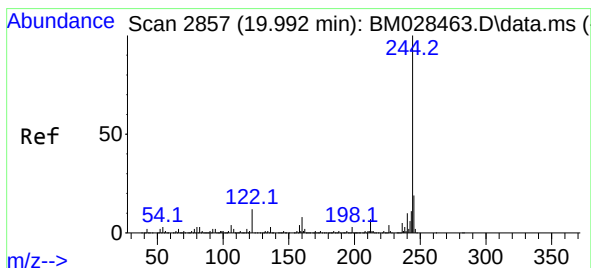
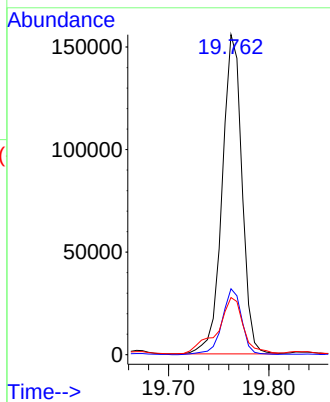
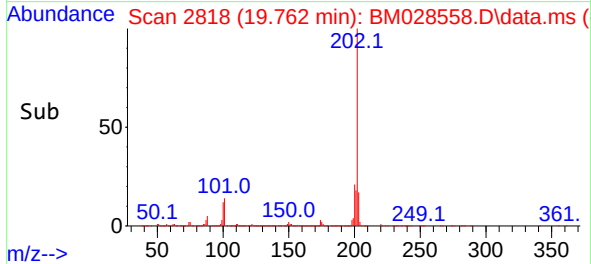
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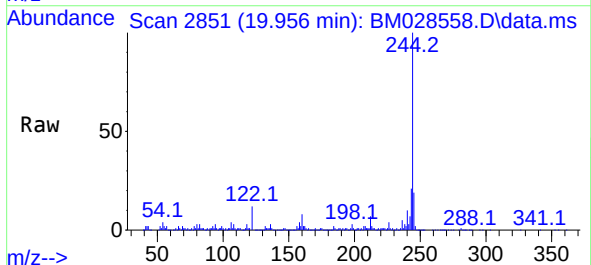
#78
Pyrene
Concen: 21.28 ng
RT: 19.762 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36



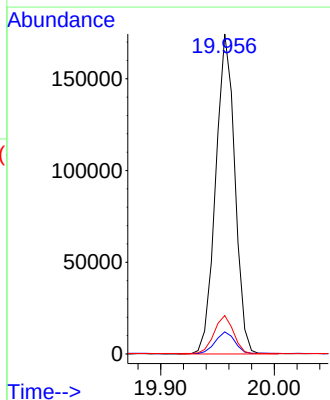
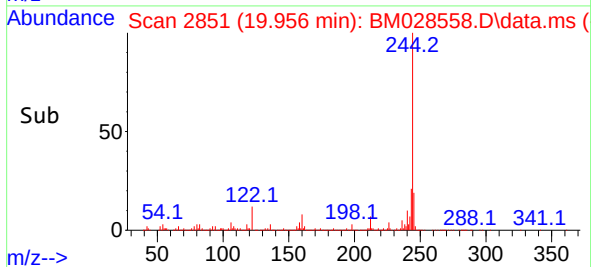
Tgt Ion:202 Resp: 213062
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.8 13.8 20.6



#79
Terphenyl-d14
Concen: 26.46 ng
RT: 19.956 min Scan# 2851
Delta R.T. -0.000 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36



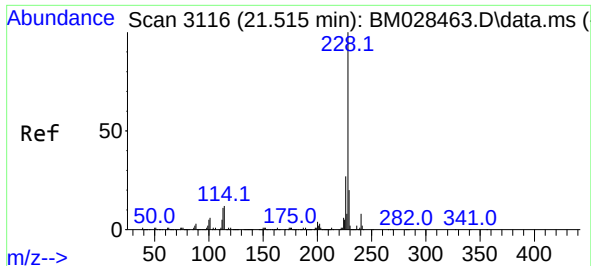
Tgt Ion:244 Resp: 204671
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 12.0 6.5 9.7#



Instrument :
BNA_M
ClientSampleId :
OK-01-012521

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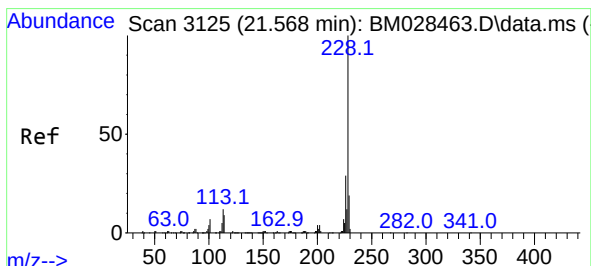
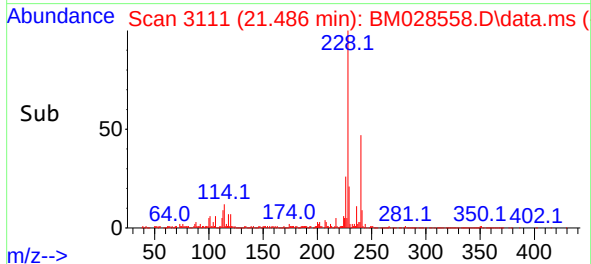
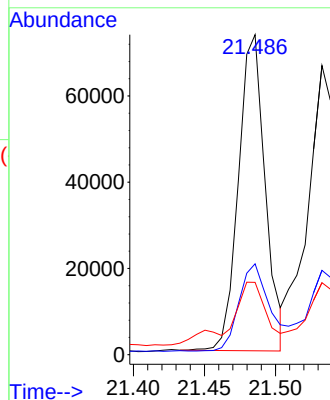
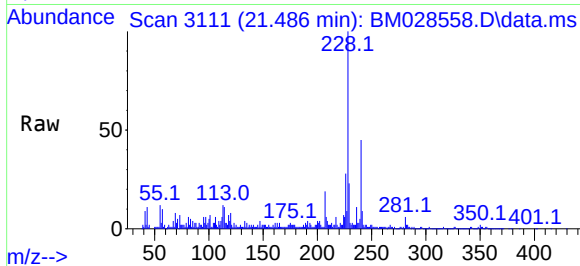
#81
Benzo(a)anthracene
Concen: 9.97 ng
RT: 21.486 min Scan# 3111
Delta R.T. 0.005 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36

Tgt Ion:228 Resp: 96150
Ion Ratio Lower Upper
228 100
226 28.4 21.1 31.7
229 22.6 15.7 23.5

Instrument :
BNA_M
ClientSampleId :
OK-01-012521

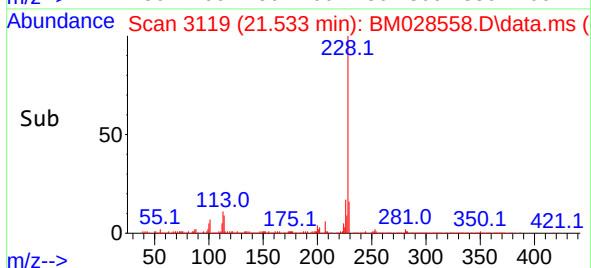
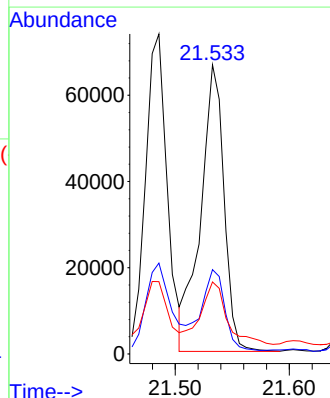
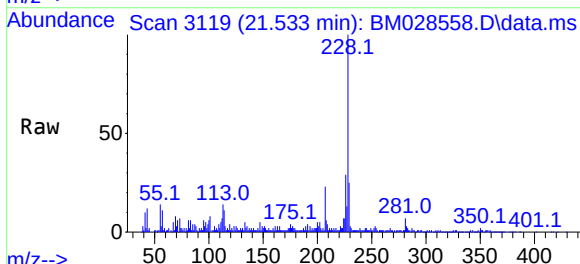
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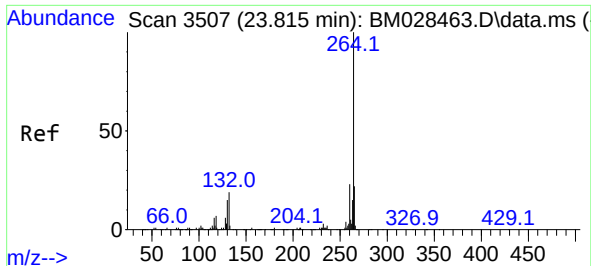
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#83
Chrysene
Concen: 10.21 ng m
RT: 21.533 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36

Tgt Ion:228 Resp: 95012
Ion Ratio Lower Upper
228 100
226 29.2 23.4 35.0
229 24.9 15.7 23.5#





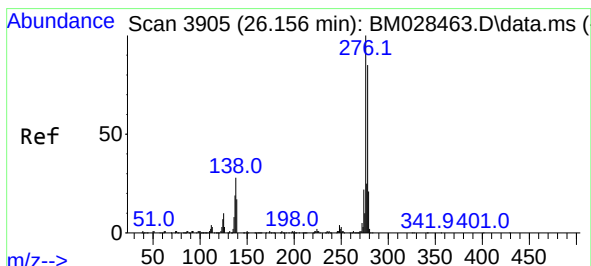
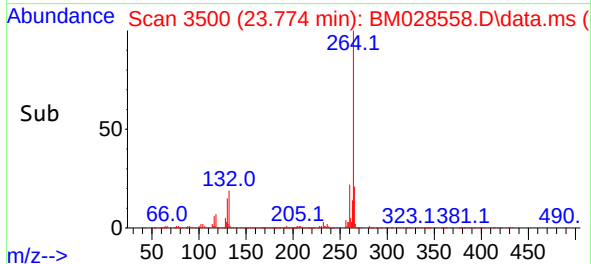
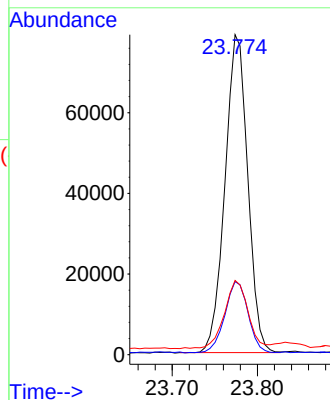
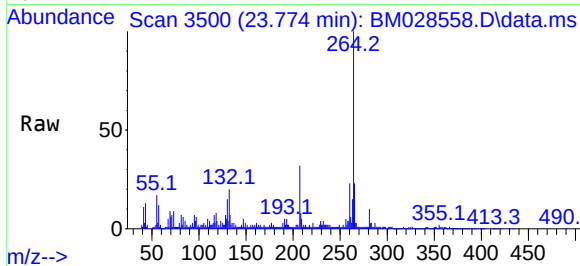
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.774 min Scan# 3500
Delta R.T. 0.011 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36

Tgt Ion:264 Resp: 146322
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.4
265 23.2 17.7 26.5

Instrument :
BNA_M
ClientSampled :
OK-01-012521

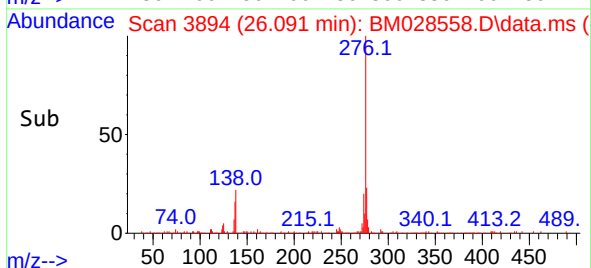
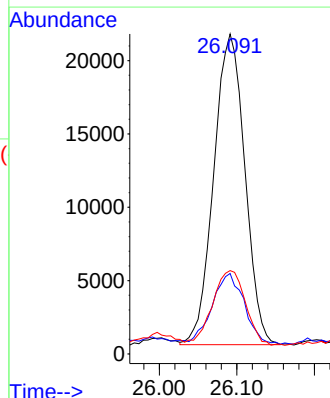
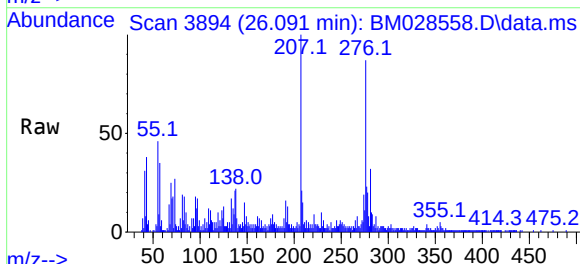
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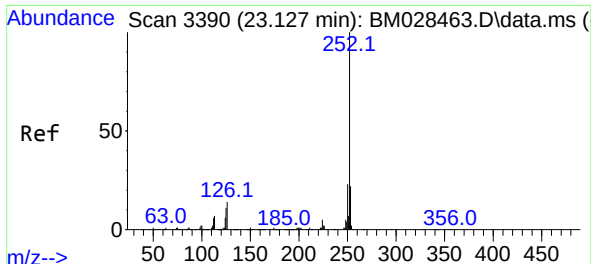
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.42 ng m
RT: 26.091 min Scan# 3894
Delta R.T. 0.011 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36

Tgt Ion:276 Resp: 59092
Ion Ratio Lower Upper
276 100
138 1.9 14.2 21.4#
277 3.0 19.8 29.8#





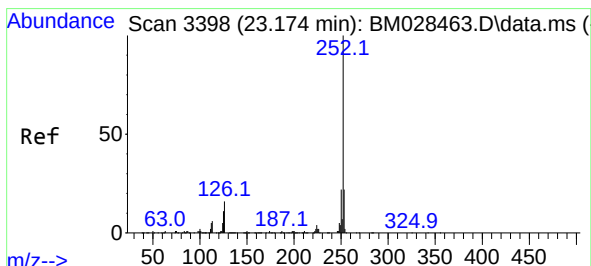
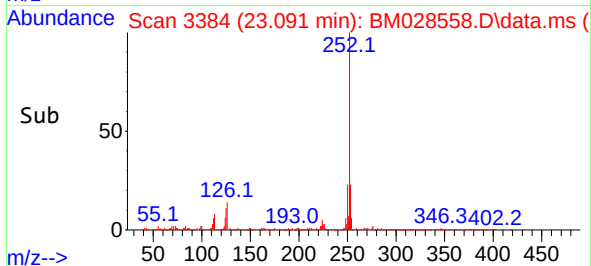
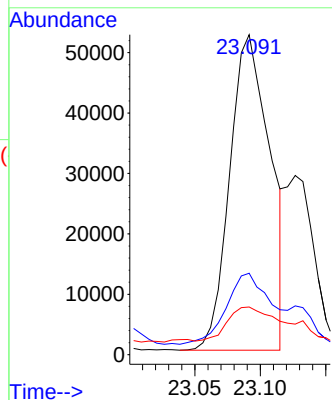
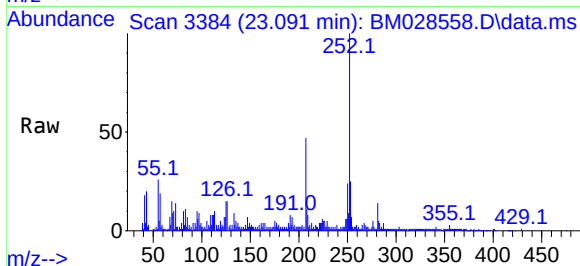
#88
Benzo(b)fluoranthene
Concen: 11.26 ng m
RT: 23.091 min Scan# 3384
Delta R.T. 0.006 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36

Tgt Ion:252 Resp: 111820
Ion Ratio Lower Upper
252 100
253 25.4 17.4 26.0
125 14.9 5.7 8.5#

Instrument :
BNA_M
ClientSampleId :
OK-01-012521

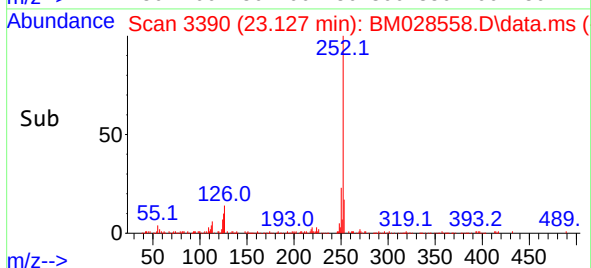
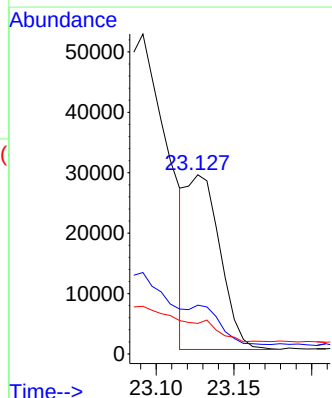
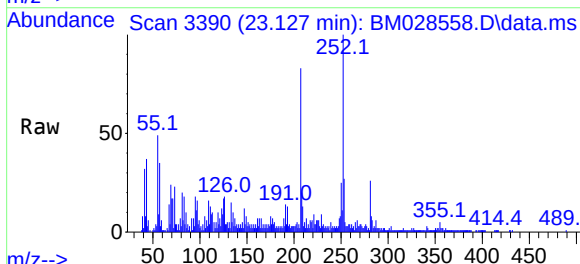
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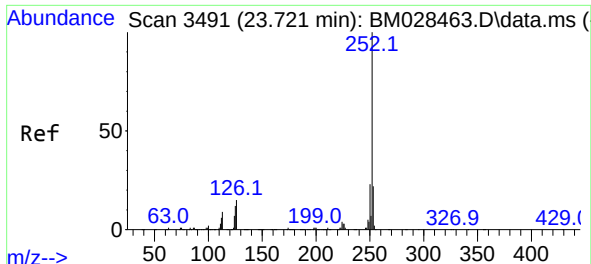
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#89
Benzo(k)fluoranthene
Concen: 4.50 ng m
RT: 23.127 min Scan# 3390
Delta R.T. -0.000 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36

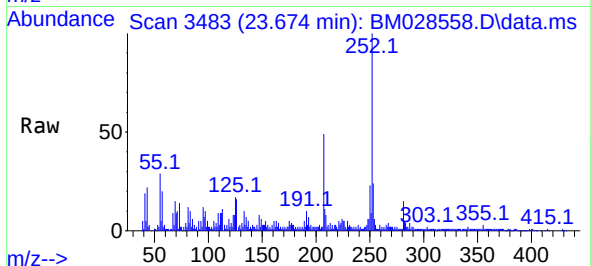
Tgt Ion:252 Resp: 43691
Ion Ratio Lower Upper
252 100
253 27.3 17.4 26.0#
125 17.1 5.6 8.4#





#90
Benzo(a)pyrene
Concen: 9.81 ng
RT: 23.674 min Scan# 3483
Delta R.T. 0.006 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36

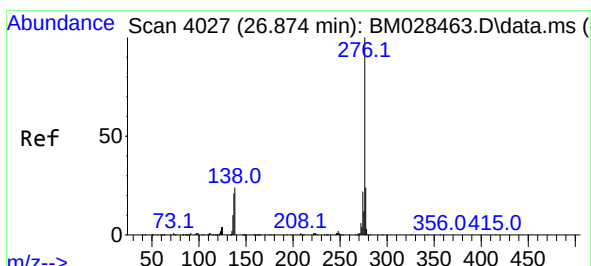
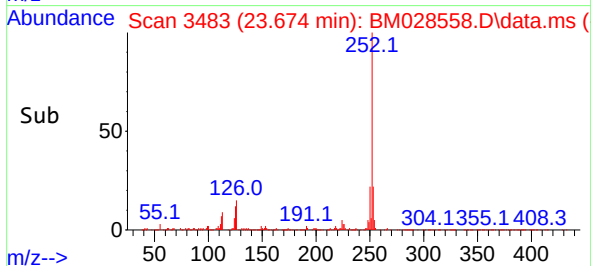
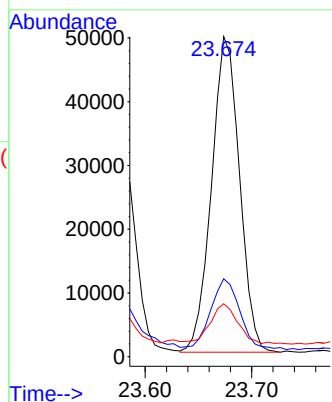
Instrument :
BNA_M
ClientSampleId :
OK-01-012521



Tgt Ion:252 Resp: 90280
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 16.5 6.6 9.8#

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#92
Benzo(g,h,i)perylene
Concen: 6.89 ng
RT: 26.809 min Scan# 4016
Delta R.T. 0.017 min
Lab File: BM028558.D
Acq: 27 Jan 2021 01:36

Tgt Ion:276 Resp: 61096
Ion Ratio Lower Upper
276 100
277 25.9 18.6 28.0
138 26.2 12.2 18.2#

