

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020321\
 Data File : BM028641.D
 Acq On : 03 Feb 2021 13:19
 Operator : CG/JU
 Sample : M1292-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU421-003-0002

Quant Time: Feb 03 13:51:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 16:19:07 2021
 Response via : Initial Calibration

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

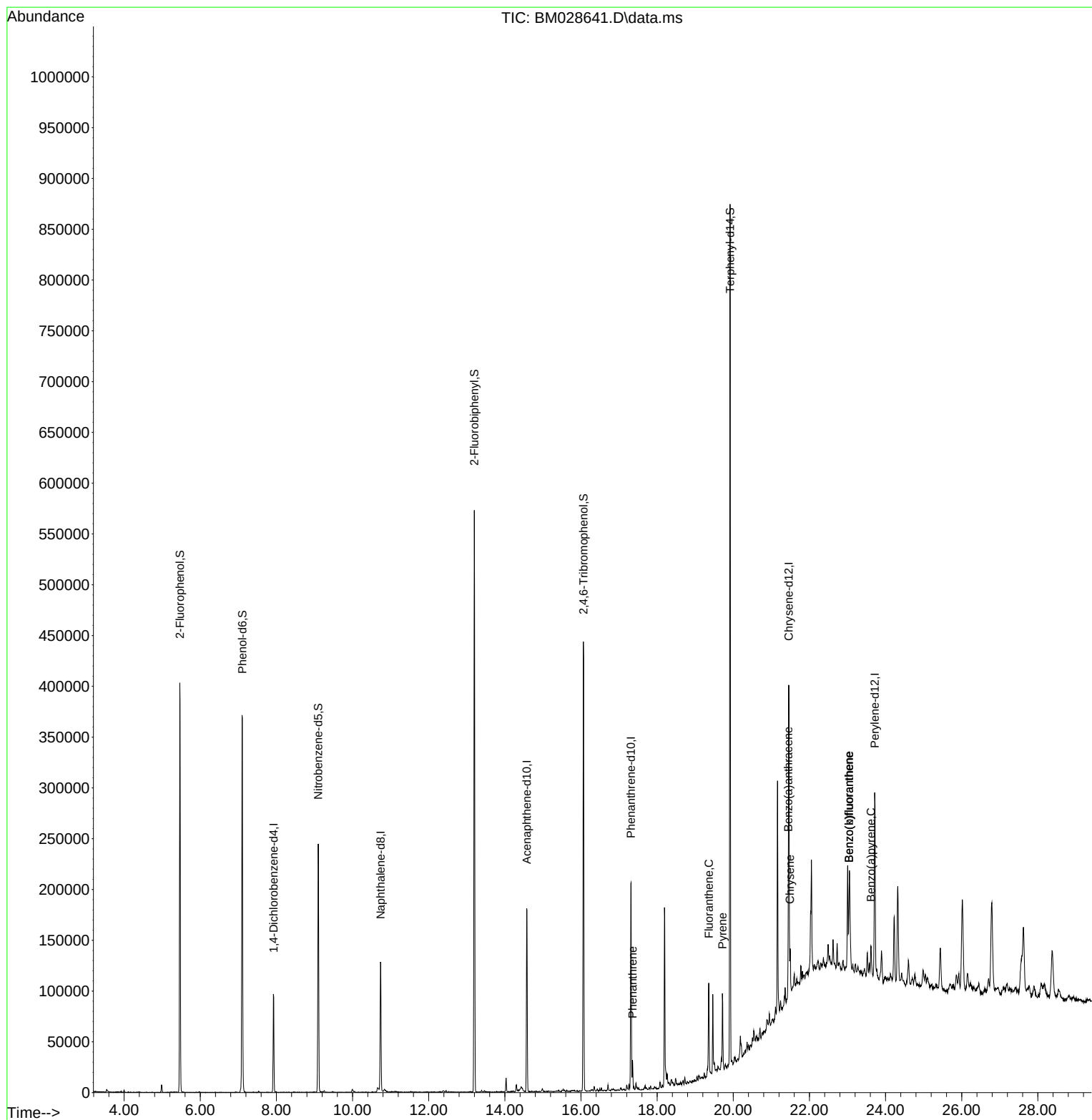
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	26075	20.00	ng	0.00
21) Naphthalene-d8	10.739	136	104338	20.00	ng	# 0.00
39) Acenaphthene-d10	14.574	164	59850	20.00	ng	-0.01
64) Phenanthrene-d10	17.315	188	121002	20.00	ng	0.00
76) Chrysene-d12	21.456	240	115794	20.00	ng	#-0.01
86) Perylene-d12	23.715	264	116135	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	167585	101.53	ng	-0.02
7) Phenol-d6	7.104	99	207840	92.48	ng	-0.02
23) Nitrobenzene-d5	9.098	82	128068	58.22	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	76754	96.79	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	278713	58.43	ng	-0.01
79) Terphenyl-d14	19.915	244	338783	52.83	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.357	178	15098	2.03	ng	98
75) Fluoranthene	19.356	202	44133	5.28	ng	96
78) Pyrene	19.715	202	40542	4.88	ng	98
81) Benzo(a)anthracene	21.445	228	19804	2.48	ng	94
83) Chrysene	21.492	228	22992	2.98	ng	99
88) Benzo(b)fluoranthene	23.039	252	33878	4.30	ng	# 91
89) Benzo(k)fluoranthene	23.039	252	33878	4.40	ng	# 91
90) Benzo(a)pyrene	23.615	252	18154	2.48	ng	# 87

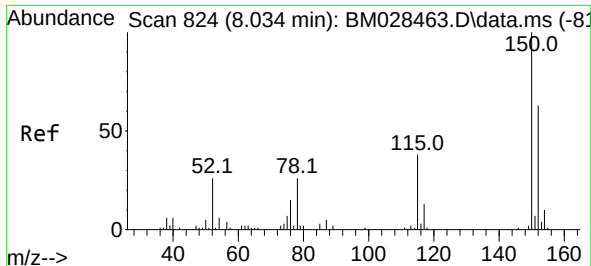
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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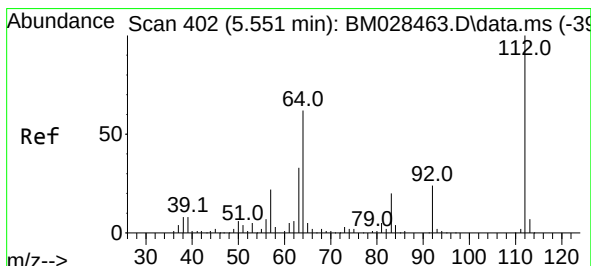
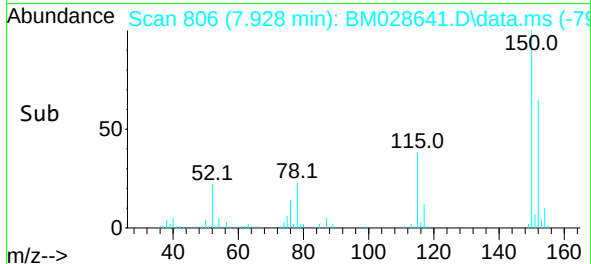
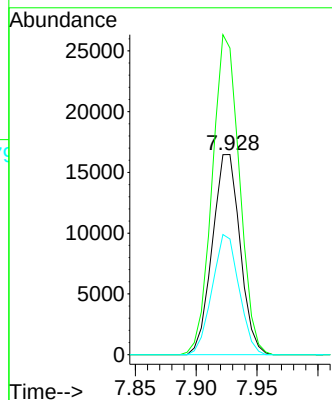
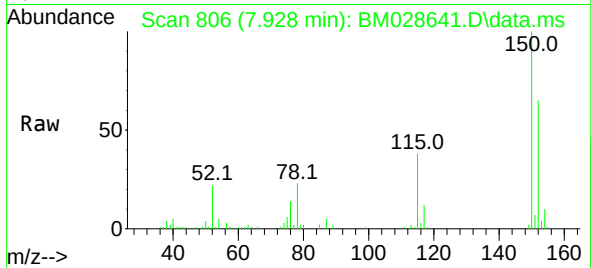




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

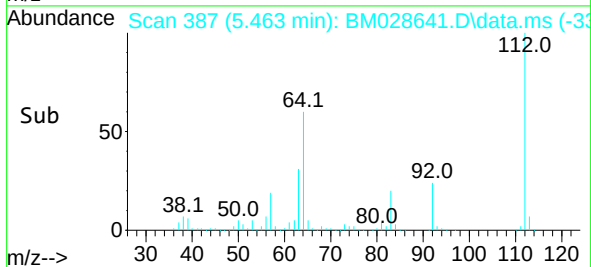
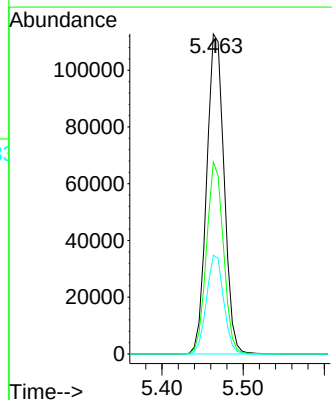
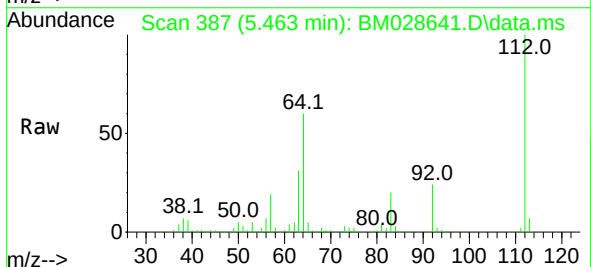
Instrument :
BNA_M
ClientSampleId :
OU421-003-0002

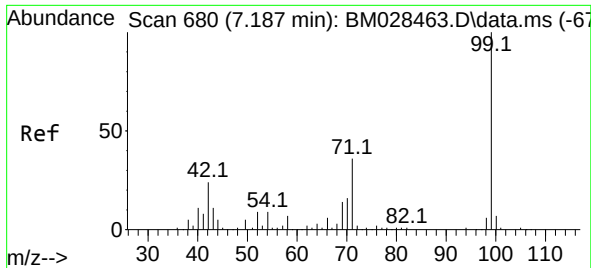
Tgt Ion:152 Resp: 26075
Ion Ratio Lower Upper
152 100
150 153.1 120.6 181.0
115 57.8 47.2 70.8



#5
2-Fluorophenol
Concen: 101.53 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.018 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:112 Resp: 167585
Ion Ratio Lower Upper
112 100
64 60.0 50.6 76.0
63 30.8 31.0 46.6#

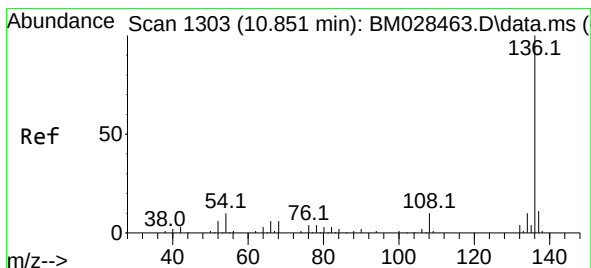
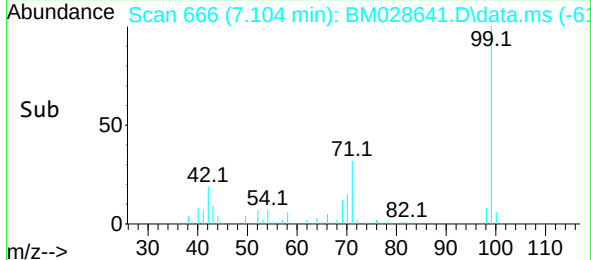
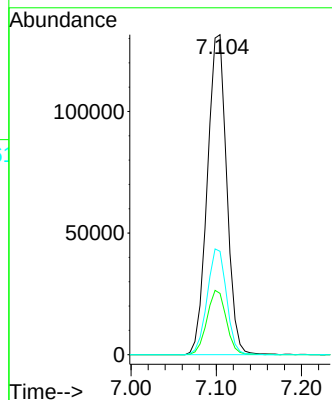
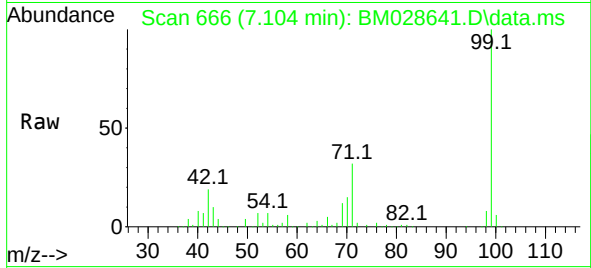




#7
Phenol-d6
Concen: 92.48 ng
RT: 7.104 min Scan# 666
Delta R.T. -0.018 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

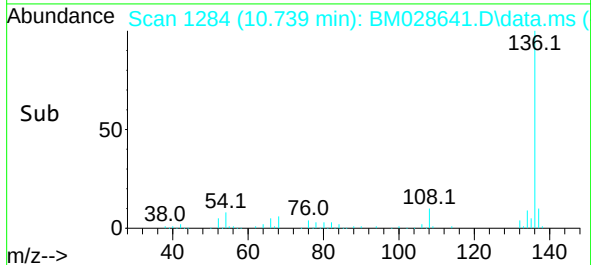
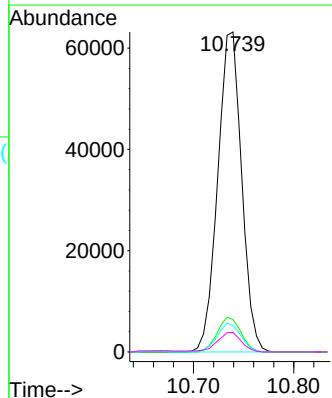
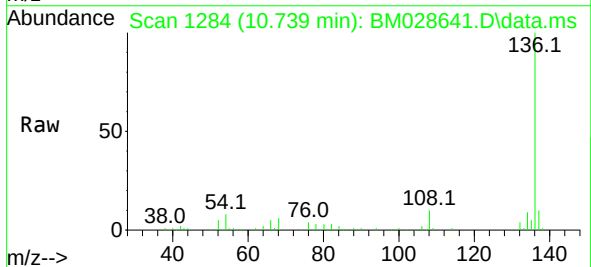
Instrument :
BNA_M
ClientSampleId :
OU421-003-0002

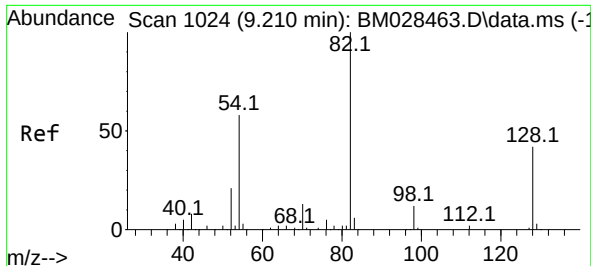
Tgt Ion: 99 Resp: 207840
Ion Ratio Lower Upper
99 100
42 19.2 13.5 20.3
71 32.3 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion: 136 Resp: 104338
Ion Ratio Lower Upper
136 100
137 10.1 8.6 12.8
54 8.2 4.6 7.0#
68 6.1 4.1 6.1

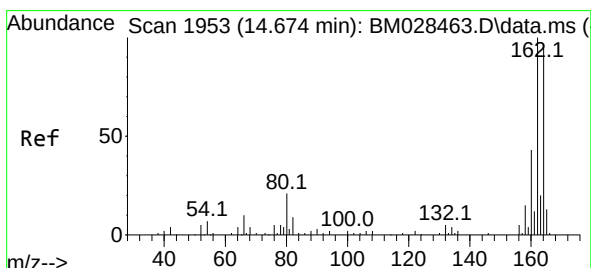
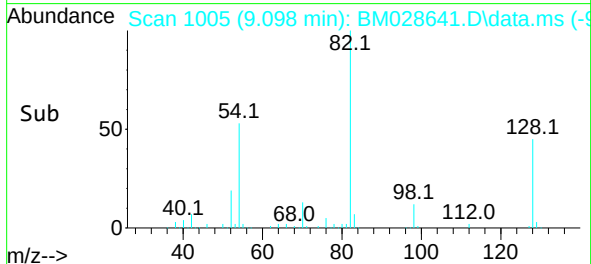
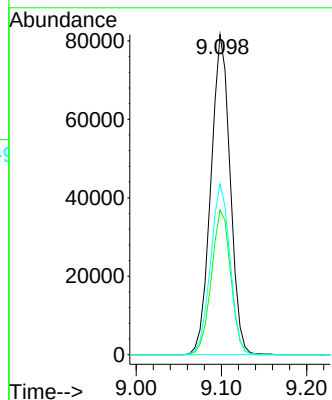
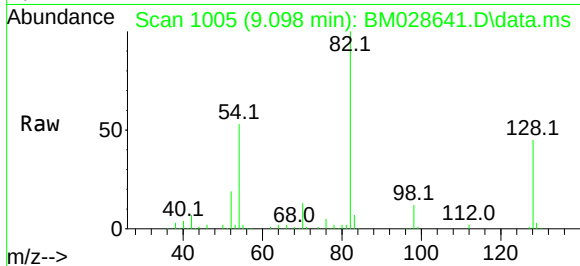




#23
Nitrobenzene-d5
Concen: 58.22 ng
RT: 9.098 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

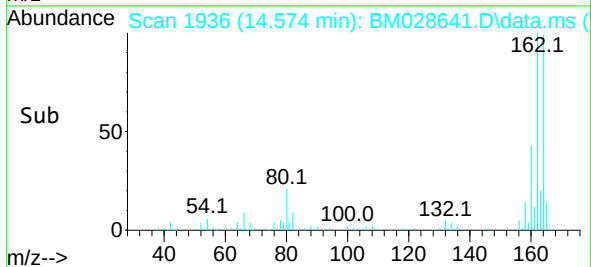
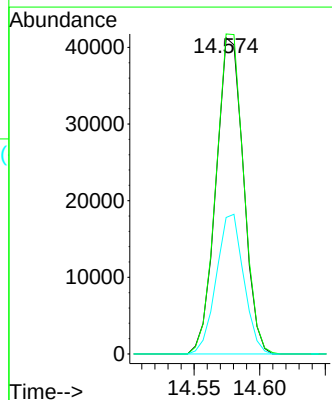
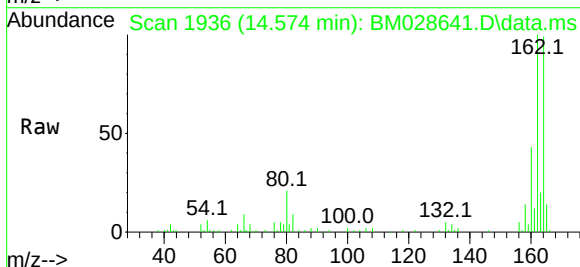
Instrument :
BNA_M
ClientSampleId :
OU421-003-0002

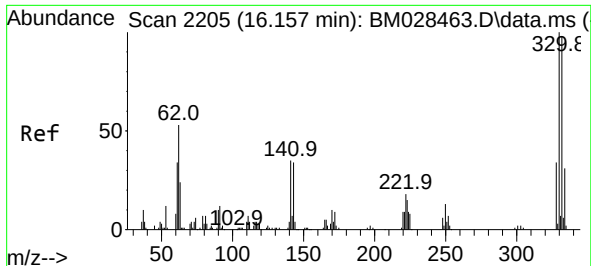
Tgt Ion: 82 Resp: 128068
Ion Ratio Lower Upper
82 100
128 45.2 27.4 41.0#
54 53.4 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:164 Resp: 59850
Ion Ratio Lower Upper
164 100
162 101.2 80.4 120.6
160 43.2 35.9 53.9

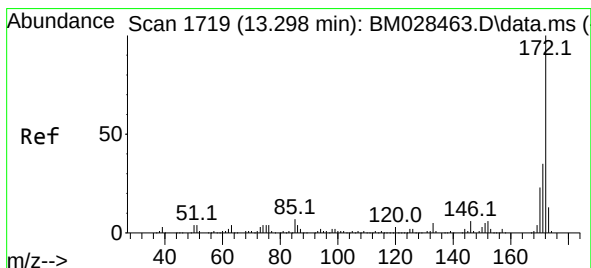
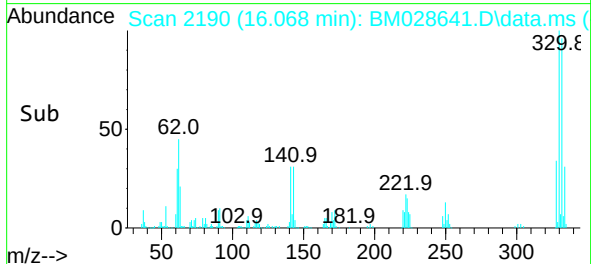
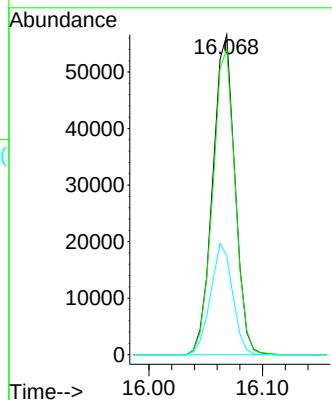
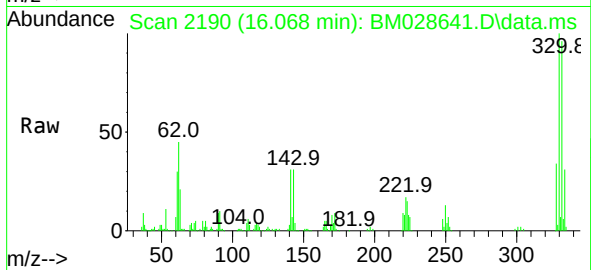




#42
2,4,6-Tribromophenol
Concen: 96.79 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

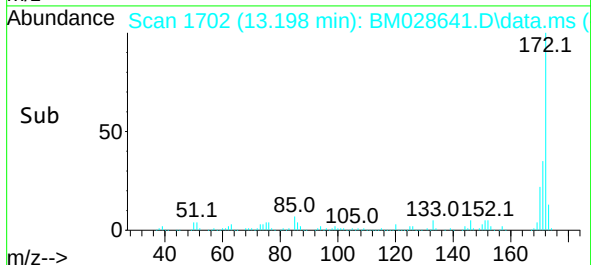
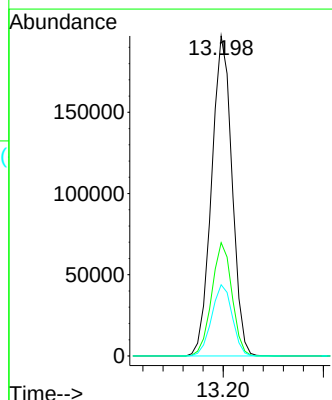
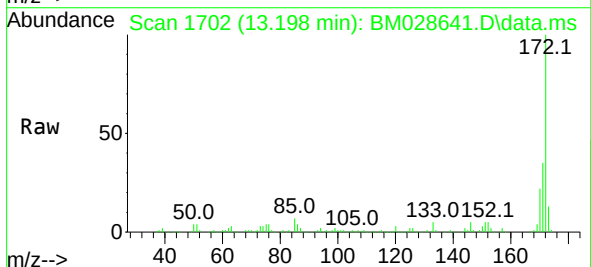
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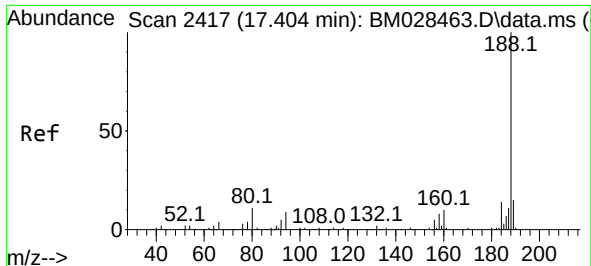
Tgt Ion:330 Resp: 76754
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 34.5 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 58.43 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:172 Resp: 278713
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 22.2 18.6 27.8

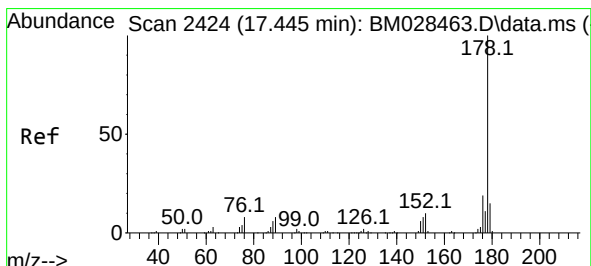
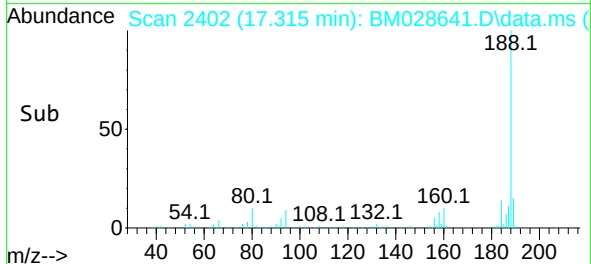
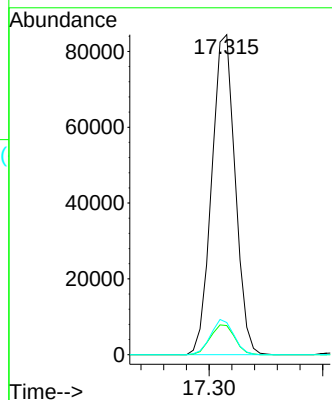
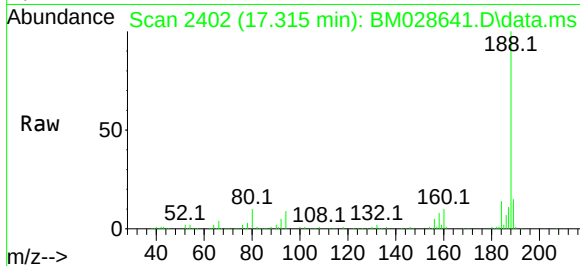




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

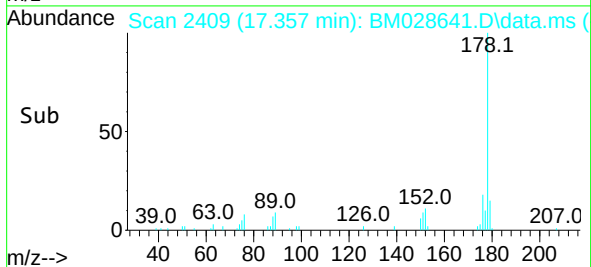
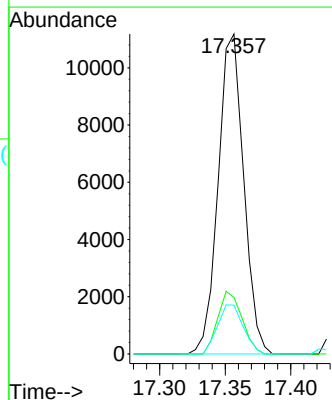
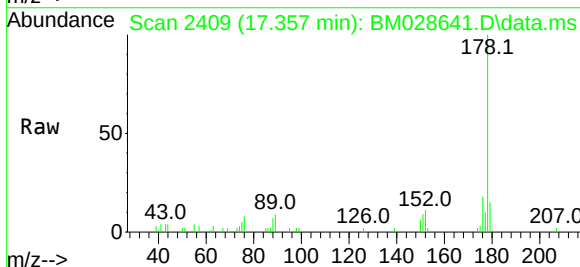
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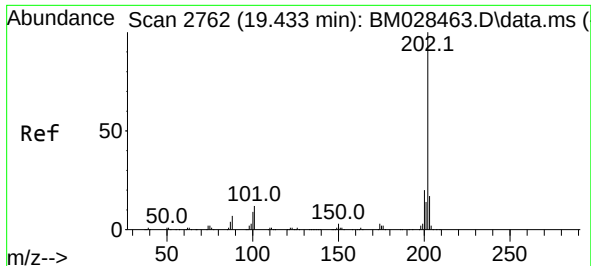
Tgt Ion:188 Resp: 121002
Ion Ratio Lower Upper
188 100
94 9.1 6.2 9.4
80 10.1 7.5 11.3



#71
Phenanthrene
Concen: 2.03 ng
RT: 17.357 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:178 Resp: 15098
Ion Ratio Lower Upper
178 100
176 17.6 15.0 22.6
179 15.2 12.2 18.4

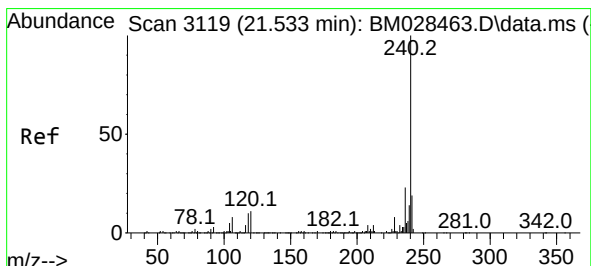
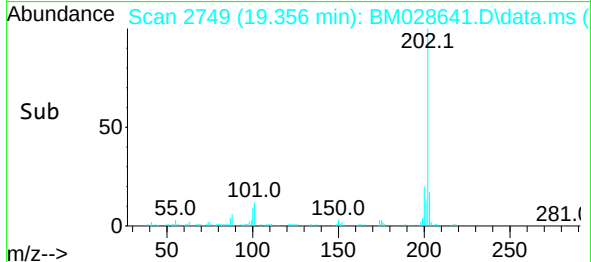
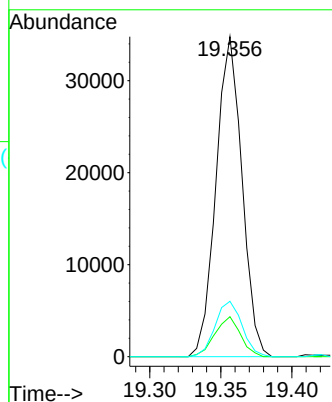
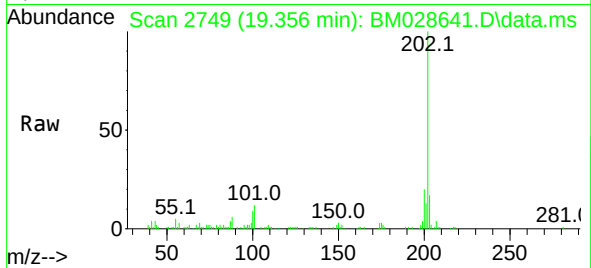




#75
Fluoranthene
Concen: 5.28 ng
RT: 19.356 min Scan# 2749
Delta R.T. -0.012 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

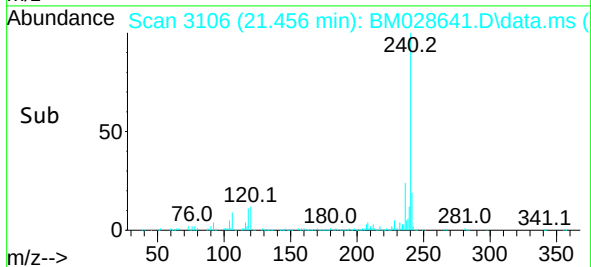
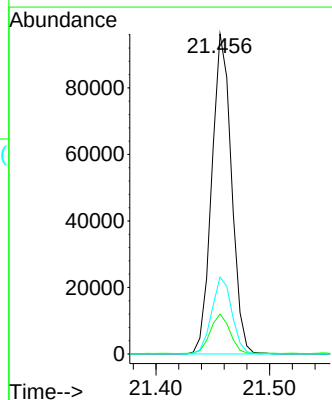
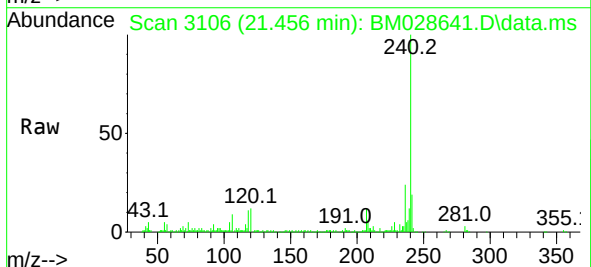
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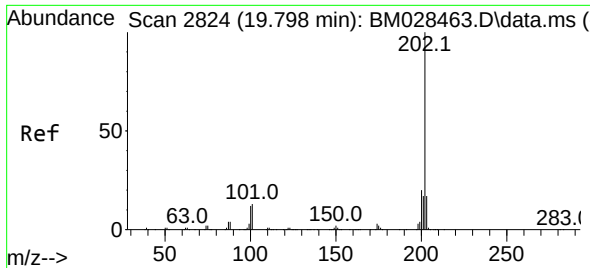
Tgt Ion:202	Resp:	44133
Ion Ratio	Lower	Upper
202	100	
101	12.5	0.0 28.5
203	17.3	0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:240	Resp:	115794
Ion Ratio	Lower	Upper
240	100	
120	12.4	6.4 9.6#
236	24.0	20.1 30.1

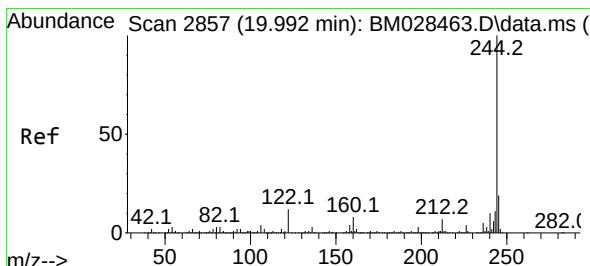
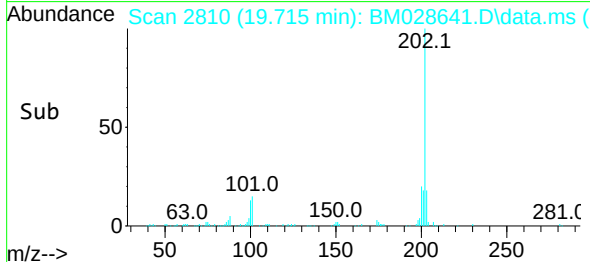
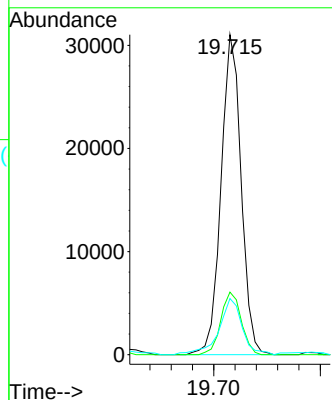
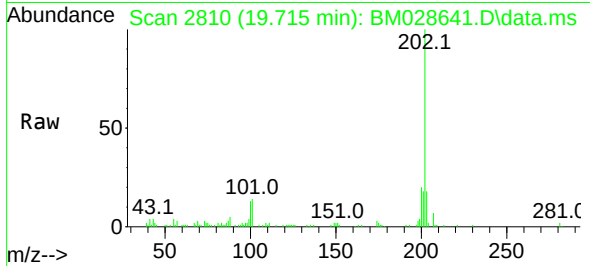




#78
Pyrene
Concen: 4.88 ng
RT: 19.715 min Scan# 2810
Delta R.T. -0.012 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

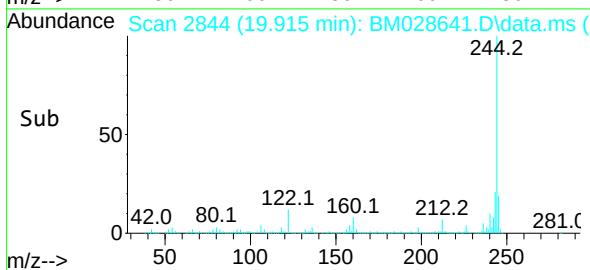
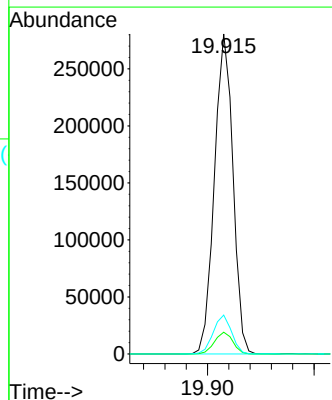
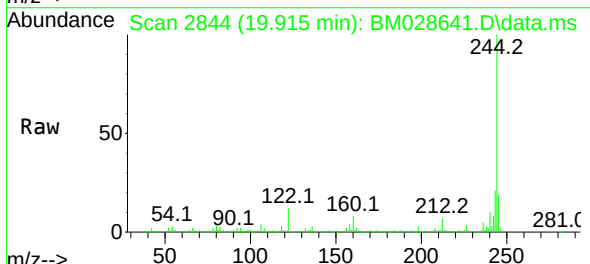
Instrument :
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OU421-003-0002

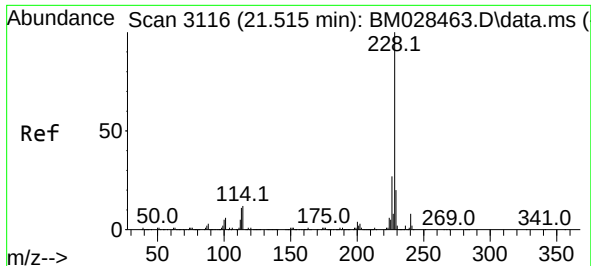
Tgt Ion:	202	Resp:	40542
Ion Ratio	Lower	Upper	
202	100		
200	19.5	16.6	24.8
203	17.6	13.8	20.6



#79
Terphenyl-d14
Concen: 52.83 ng
RT: 19.915 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:	244	Resp:	338783
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.8
122	12.1	6.5	9.7#

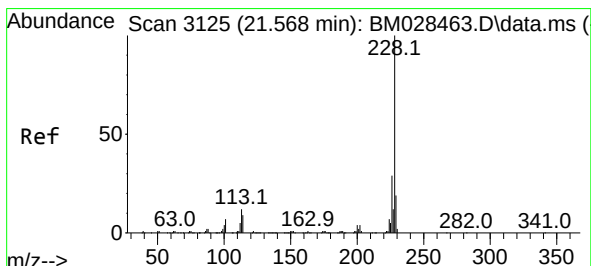
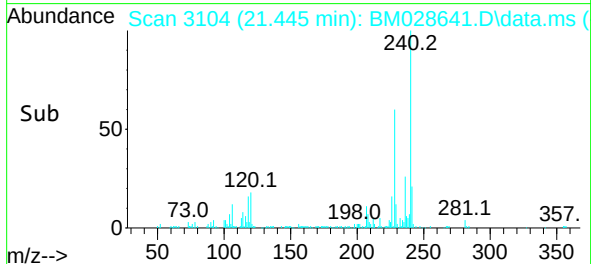
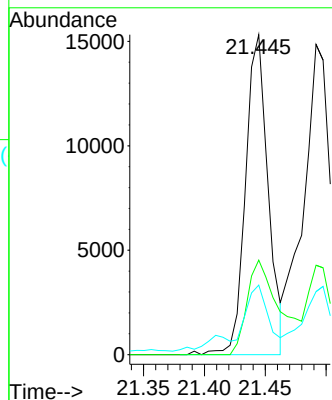
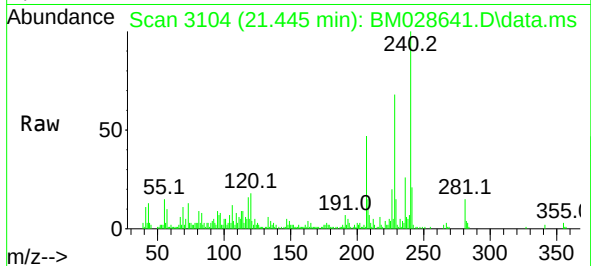




#81
Benzo(a)anthracene
Concen: 2.48 ng
RT: 21.445 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

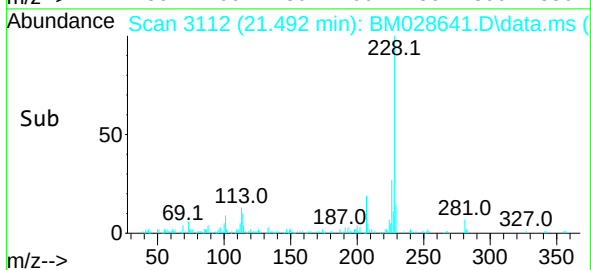
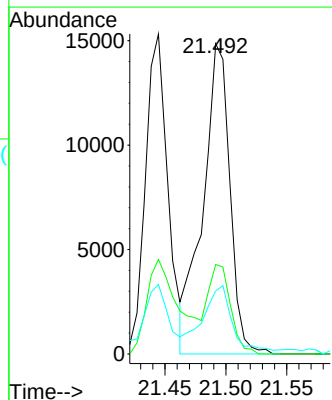
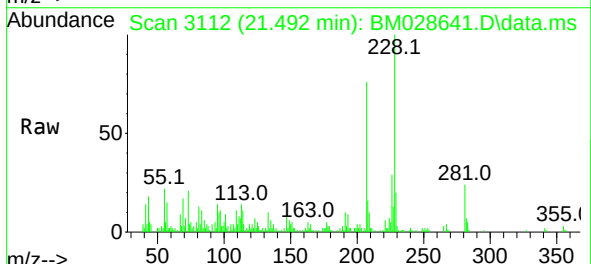
Instrument :
BNA_M
ClientSampleId :
OU421-003-0002

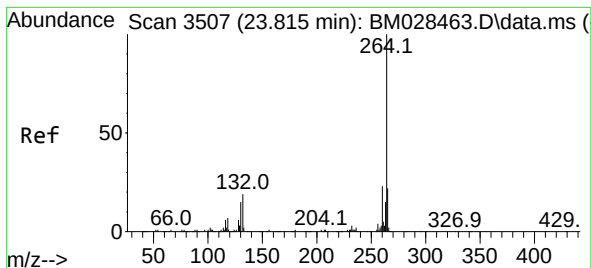
Tgt Ion:228 Resp: 19804
Ion Ratio Lower Upper
228 100
226 29.6 21.1 31.7
229 21.7 15.7 23.5



#83
Chrysene
Concen: 2.98 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:228 Resp: 22992
Ion Ratio Lower Upper
228 100
226 28.8 23.4 35.0
229 20.3 15.7 23.5





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.715 min Scan# 3490

Delta R.T. -0.012 min

Lab File: BM028641.D

Acq: 03 Feb 2021 13:19

Tgt Ion:264 Resp: 116135

Ion Ratio Lower Upper

264 100

260 22.3 19.0 28.4

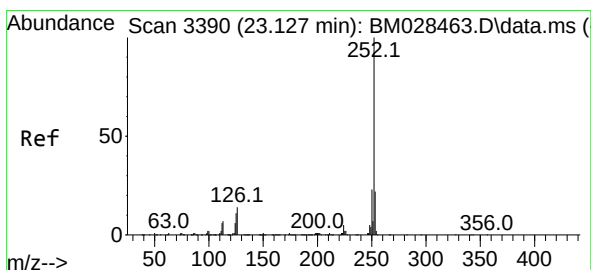
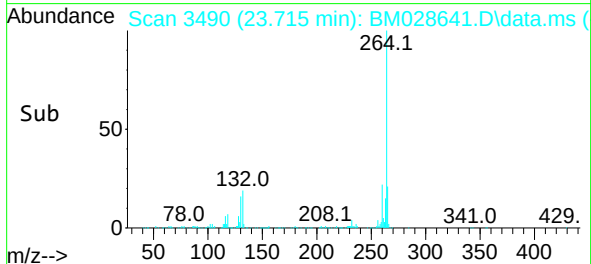
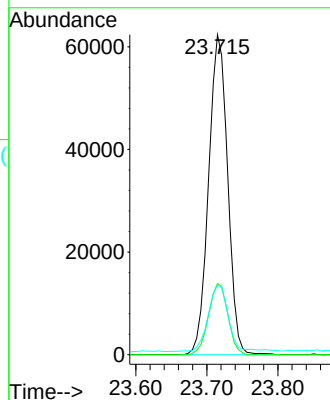
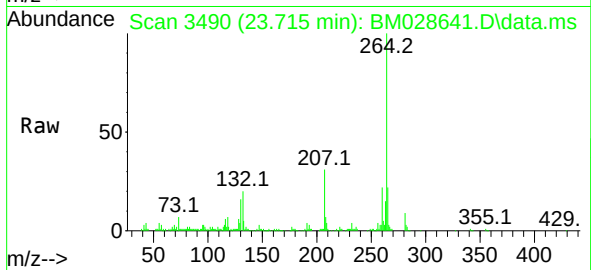
265 21.6 17.7 26.5

Instrument :

BNA_M

ClientSampleId :

OU421-003-0002



#88

Benzo(b)fluoranthene

Concen: 4.30 ng

RT: 23.039 min Scan# 3375

Delta R.T. -0.012 min

Lab File: BM028641.D

Acq: 03 Feb 2021 13:19

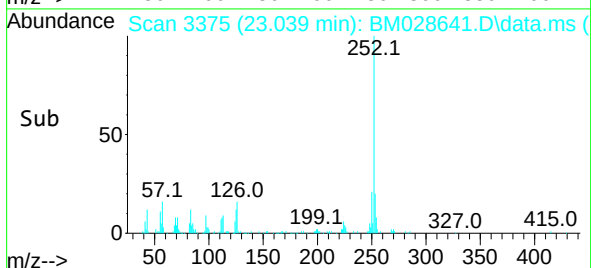
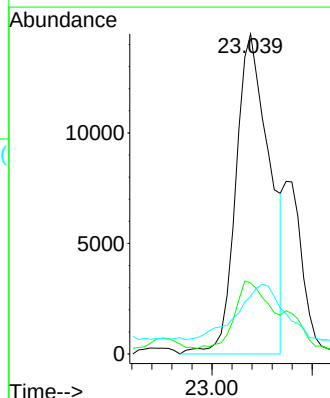
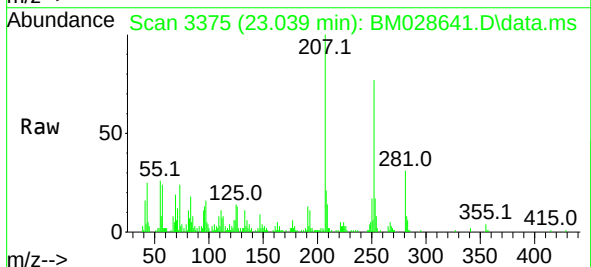
Tgt Ion:252 Resp: 33878

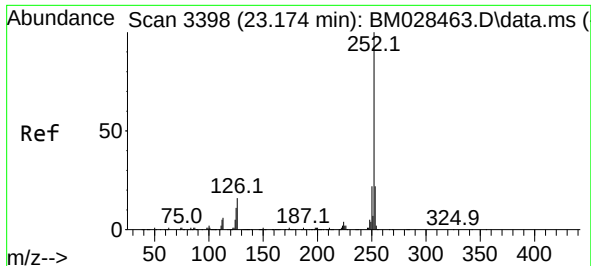
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 18.1 5.7 8.5#

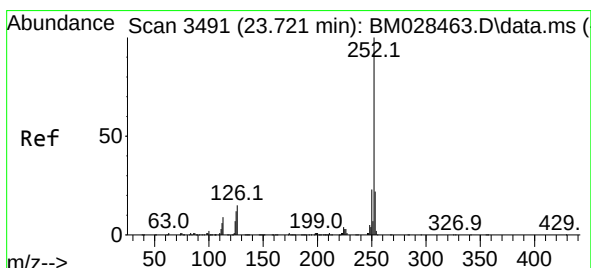
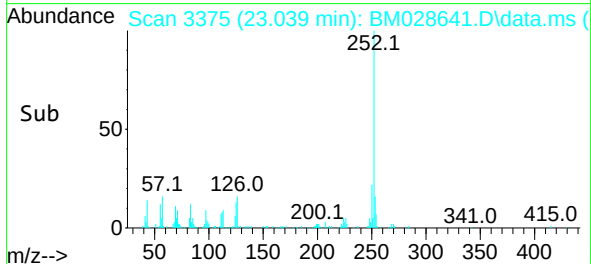
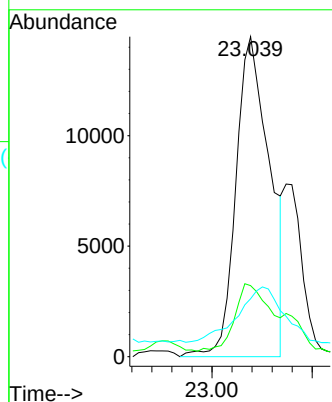
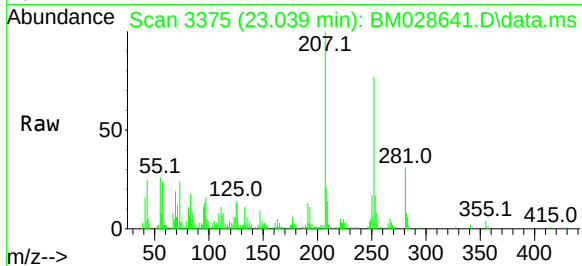




#89
Benzo(k)fluoranthene
Concen: 4.40 ng
RT: 23.039 min Scan# 3375
Delta R.T. -0.053 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Instrument :
BNA_M
ClientSampleId :
OU421-003-0002

Tgt Ion:252 Resp: 33878
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 18.1 5.6 8.4#



#90
Benzo(a)pyrene
Concen: 2.48 ng
RT: 23.615 min Scan# 3473
Delta R.T. -0.018 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:252 Resp: 18154
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 19.5 6.6 9.8#

