

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020421\
 Data File : BM028657.D
 Acq On : 04 Feb 2021 16:53
 Operator : CG/JU
 Sample : M1291-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU421-008-0205

Quant Time: Feb 04 17:24:44 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)

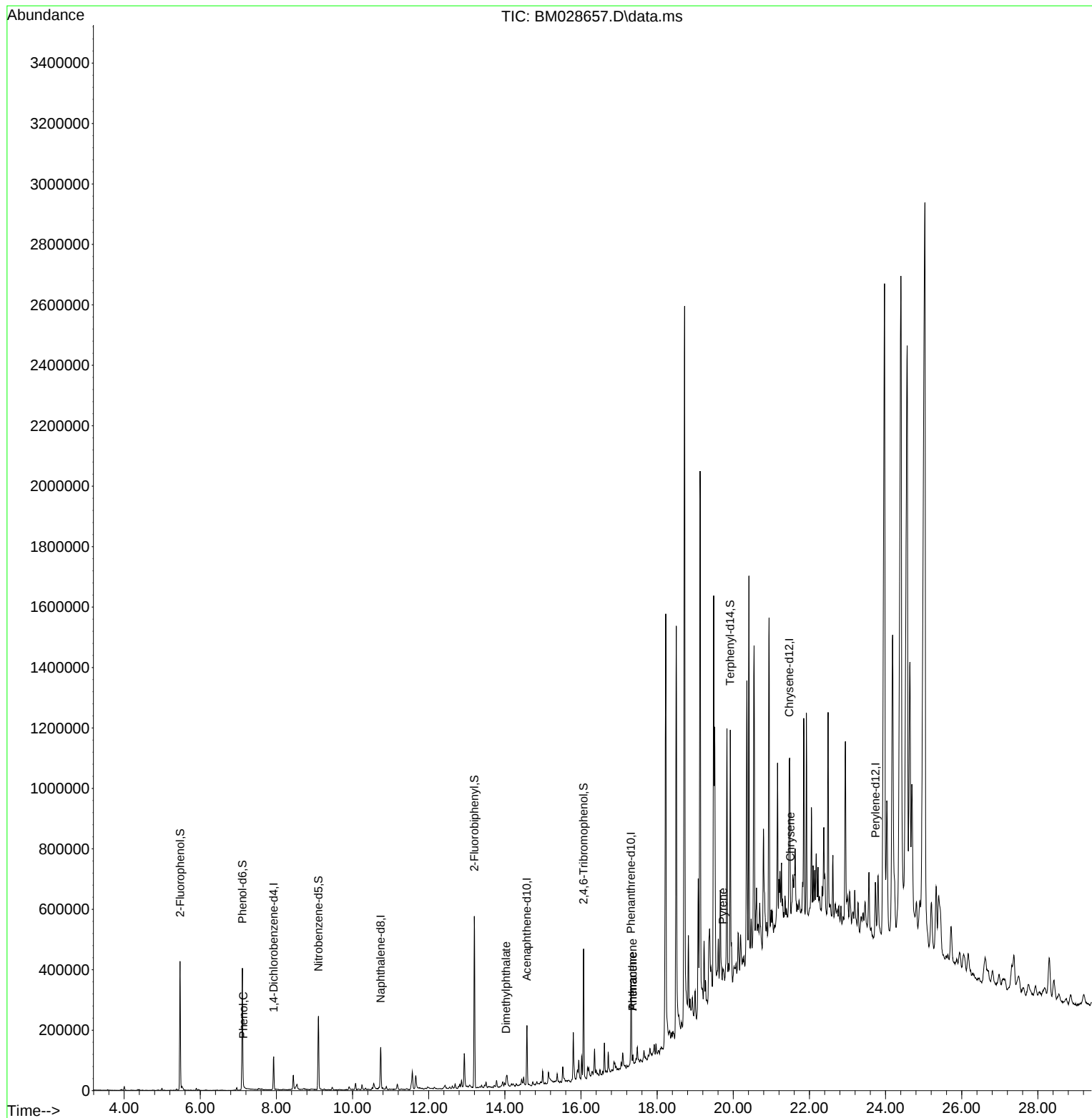
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	29250	20.00	ng	0.00
21) Naphthalene-d8	10.739	136	112184	20.00	ng	# 0.00
39) Acenaphthene-d10	14.580	164	62913	20.00	ng	0.00
64) Phenanthrene-d10	17.315	188	117839	20.00	ng	# 0.00
76) Chrysene-d12	21.468	240	110321	20.00	ng	# 0.00
86) Perylene-d12	23.733	264	115537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	176521	95.33	ng	-0.01
7) Phenol-d6	7.104	99	218242	86.56	ng	-0.02
23) Nitrobenzene-d5	9.104	82	133164	56.30	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	73473	88.14	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	281459	56.13	ng	-0.01
79) Terphenyl-d14	19.921	244	323134	52.89	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.134	94	12918	5.44	ng	85
50) Dimethylphthalate	14.033	163	12620	2.44	ng	# 90
71) Phenanthrene	17.357	178	15804	2.18	ng	96
72) Anthracene	17.357	178	15804	2.26	ng	96
78) Pyrene	19.727	202	22046	2.79	ng	# 72
83) Chrysene	21.503	228	19694	2.68	ng	# 74

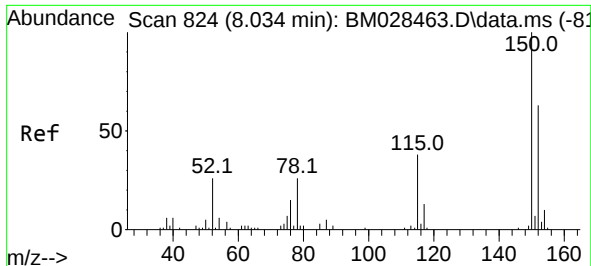
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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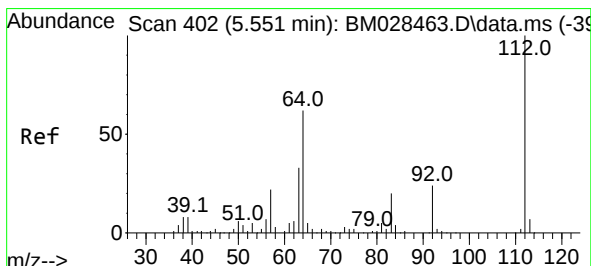
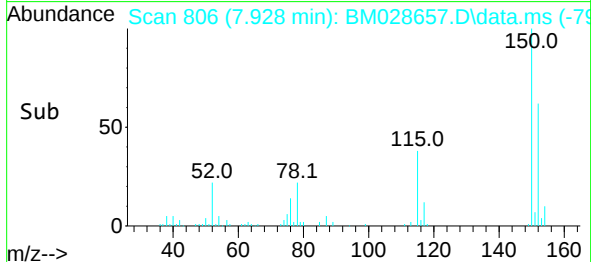
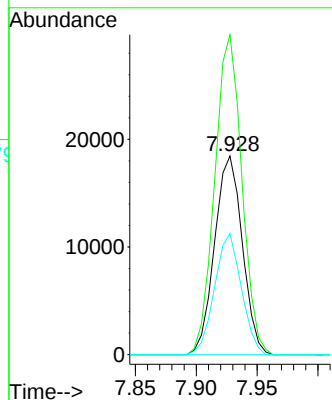
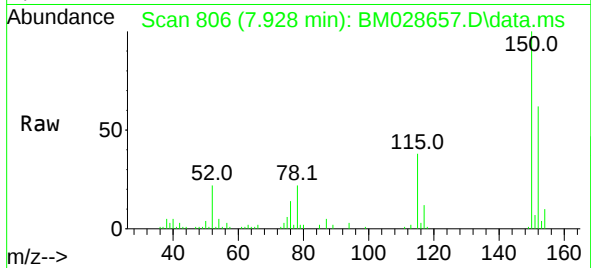




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

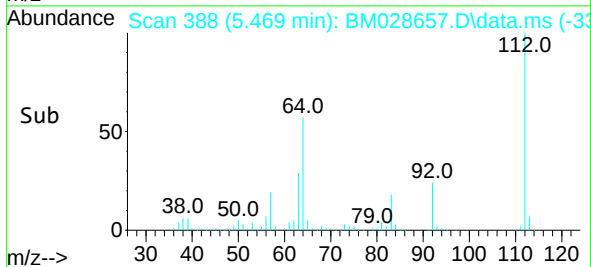
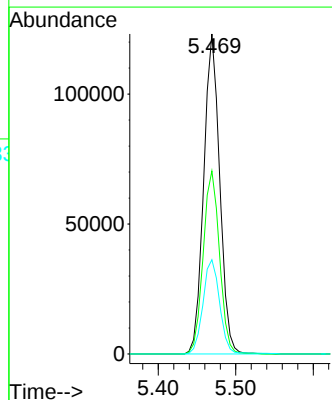
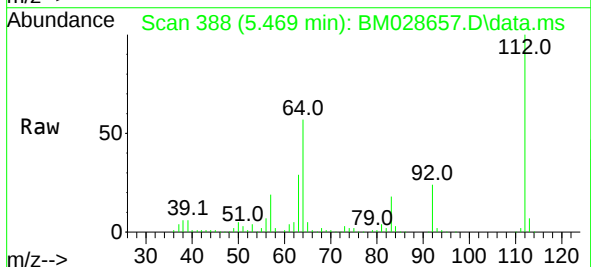
Instrument :
BNA_M
ClientSampleId :
OU421-008-0205

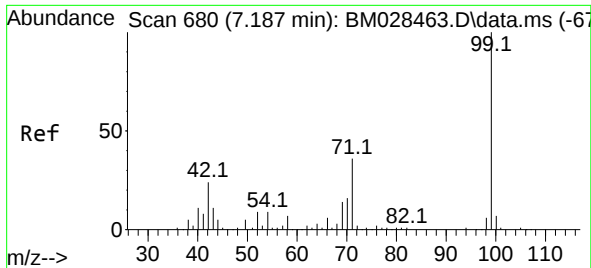
Tgt Ion:152 Resp: 29250
Ion Ratio Lower Upper
152 100
150 161.0 120.6 181.0
115 61.1 47.2 70.8



#5
2-Fluorophenol
Concen: 95.33 ng
RT: 5.469 min Scan# 388
Delta R.T. -0.012 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

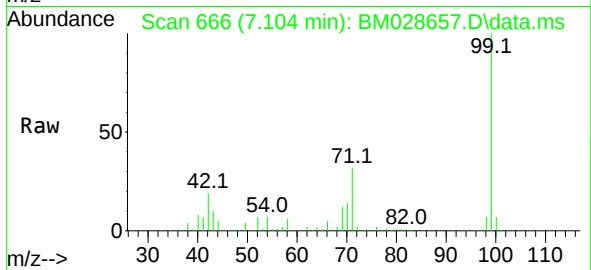
Tgt Ion:112 Resp: 176521
Ion Ratio Lower Upper
112 100
64 57.2 50.6 76.0
63 29.5 31.0 46.6#



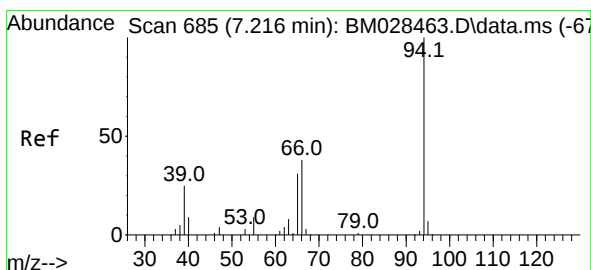
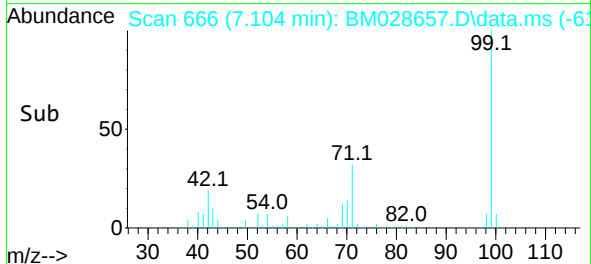
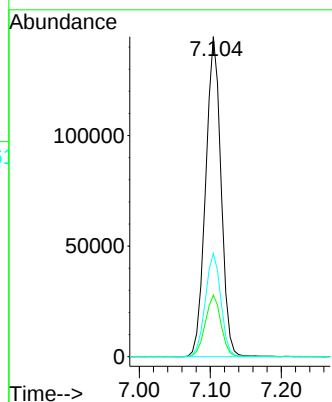


#7
Phenol-d6
Concen: 86.56 ng
RT: 7.104 min Scan# 666
Delta R.T. -0.018 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

Instrument :
BNA_M
ClientSampleId :
OU421-008-0205

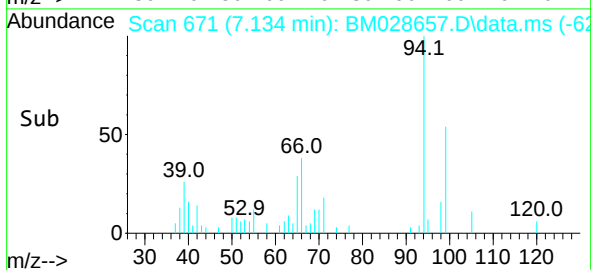
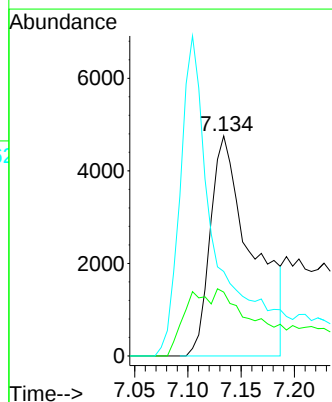
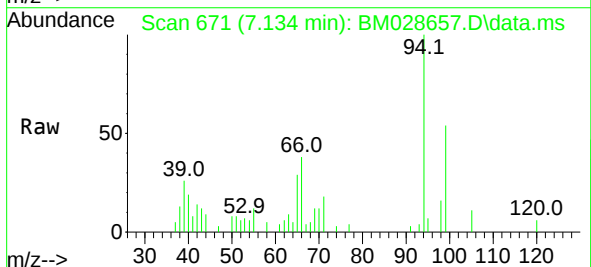


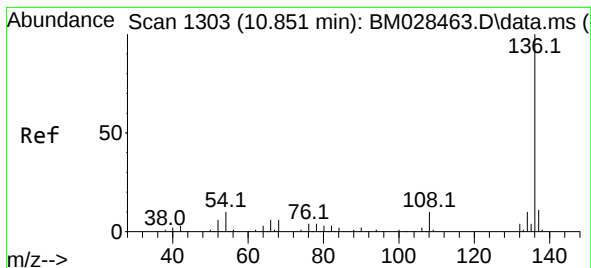
Tgt Ion: 99 Resp: 218242
Ion Ratio Lower Upper
99 100
42 19.3 13.5 20.3
71 32.2 39.4 59.0#



#10
Phenol
Concen: 5.44 ng
RT: 7.134 min Scan# 671
Delta R.T. -0.012 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

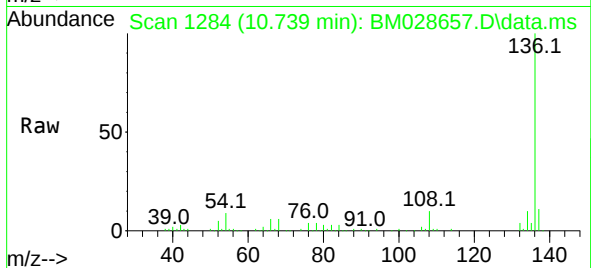
Tgt Ion: 94 Resp: 12918
Ion Ratio Lower Upper
94 100
65 29.0 16.4 56.4
66 38.4 30.2 70.2



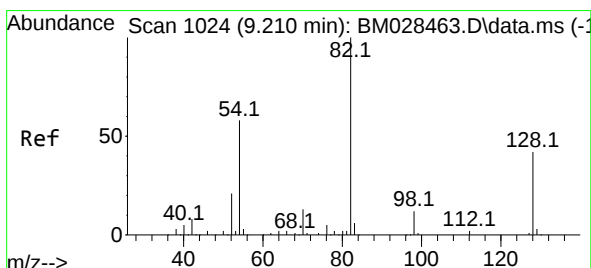
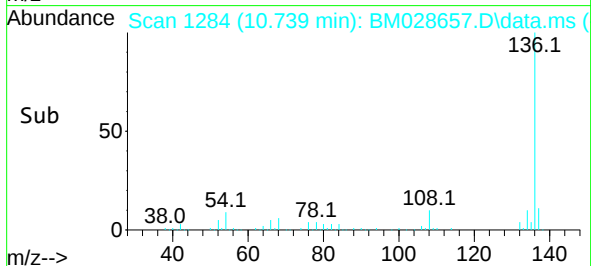
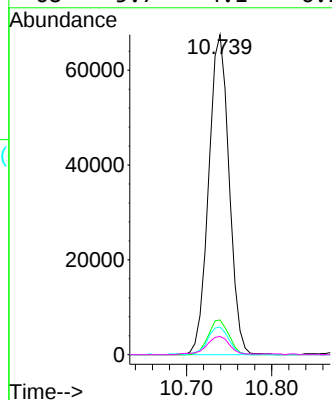


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

Instrument :
BNA_M
ClientSampleId :
OU421-008-0205

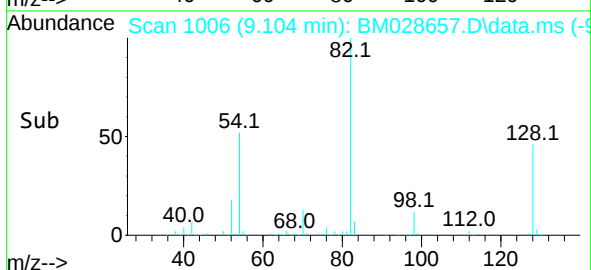
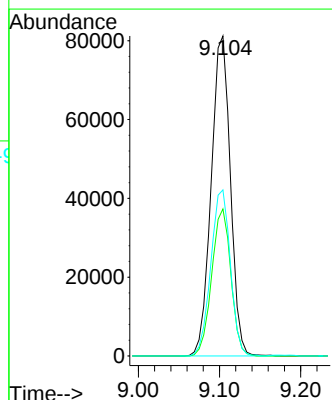
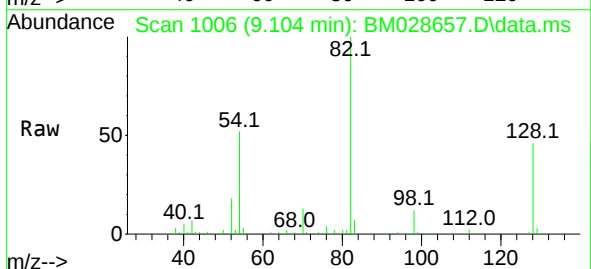


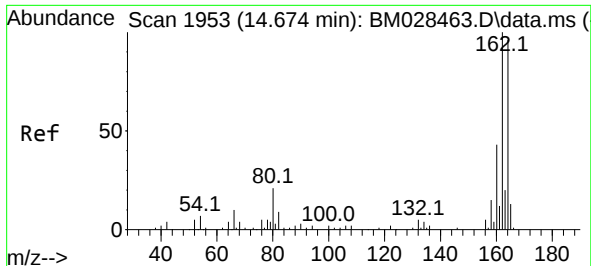
Tgt Ion:136 Resp: 112184
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.6 4.6 7.0#
68 5.7 4.1 6.1



#23
Nitrobenzene-d5
Concen: 56.30 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

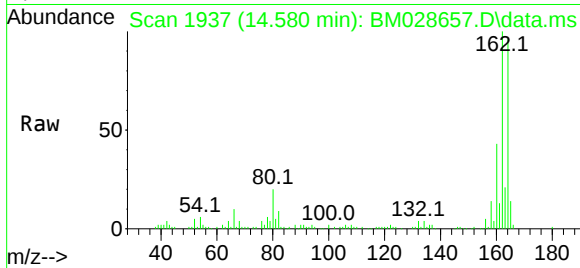
Tgt Ion: 82 Resp: 133164
Ion Ratio Lower Upper
82 100
128 46.0 27.4 41.0#
54 51.9 31.4 47.0#



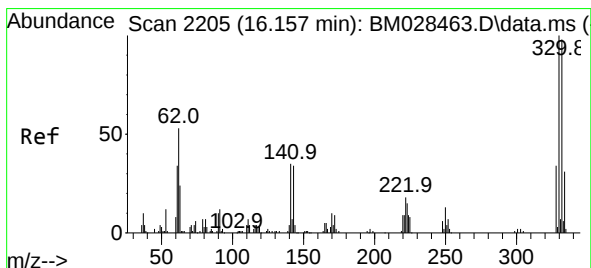
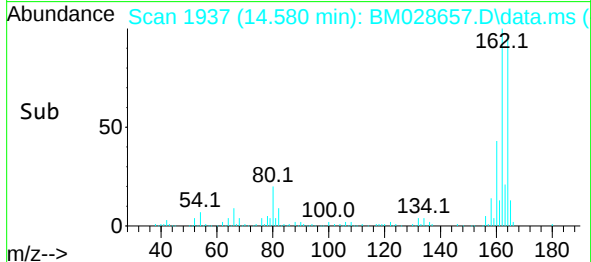
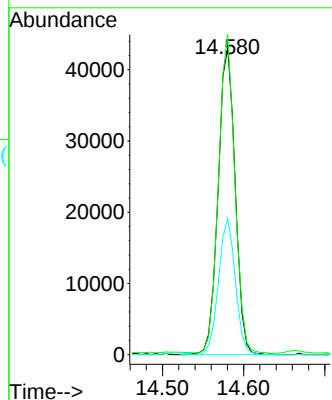


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

Instrument :
BNA_M
ClientSampleId :
OU421-008-0205

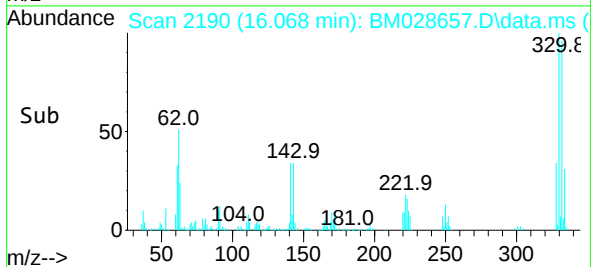
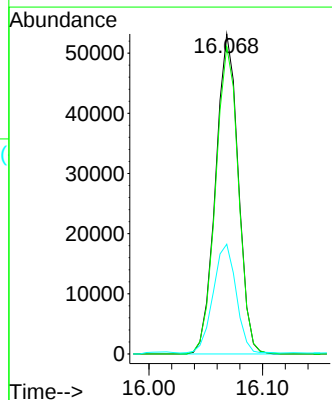
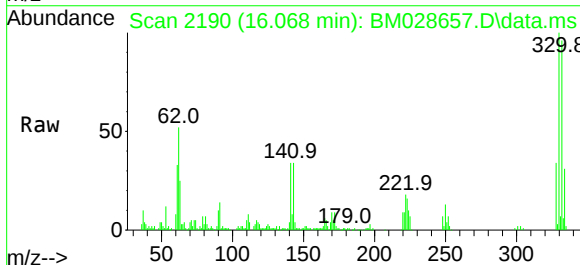


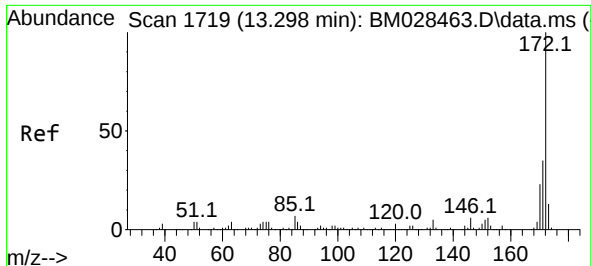
Tgt Ion:	164	Resp:	62913
Ion Ratio	Lower	Upper	
164	100		
162	104.4	80.4	120.6
160	44.5	35.9	53.9



#42
2,4,6-Tribromophenol
Concen: 88.14 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

Tgt Ion:	330	Resp:	73473
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.8	116.8
141	35.0	28.4	42.6

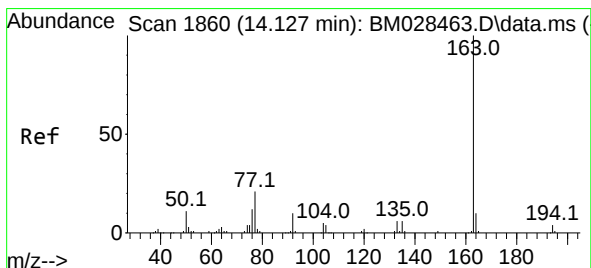
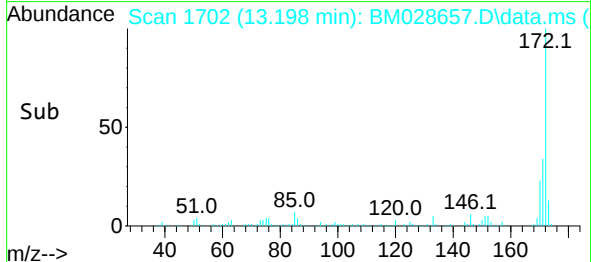
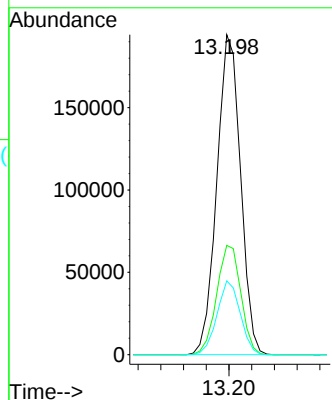
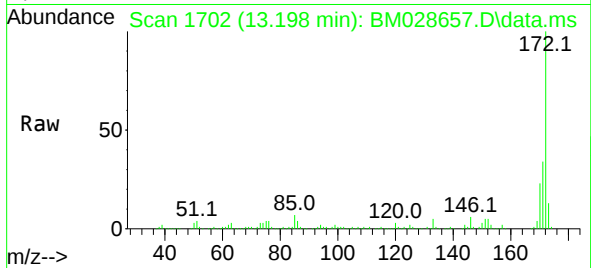




#45
2-Fluorobiphenyl
Concen: 56.13 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

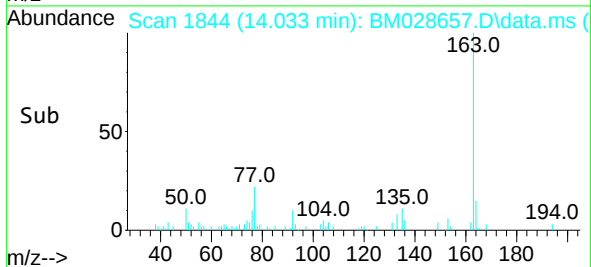
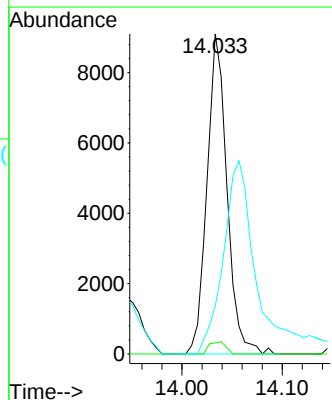
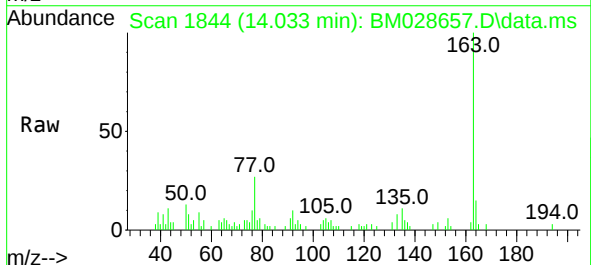
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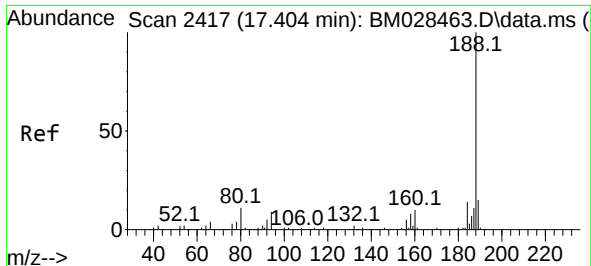
Tgt Ion:172 Resp: 281459
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 23.0 18.6 27.8



#50
Dimethylphthalate
Concen: 2.44 ng
RT: 14.033 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

Tgt Ion:163 Resp: 12620
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.2
164 15.0 8.1 12.1#

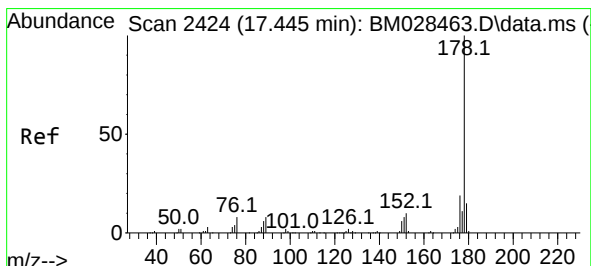
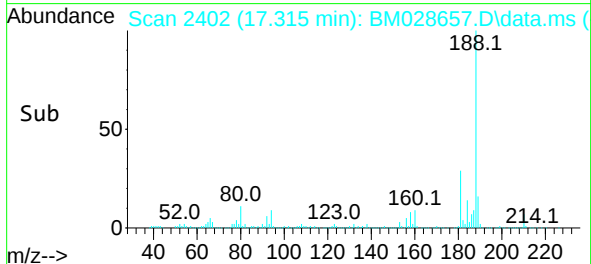
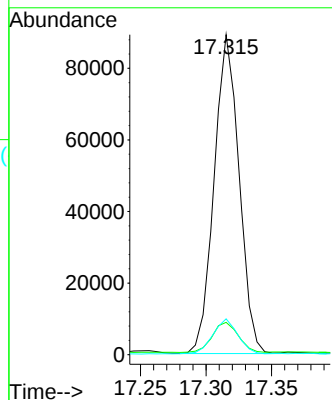
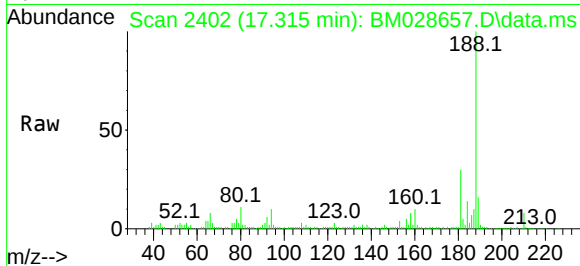




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

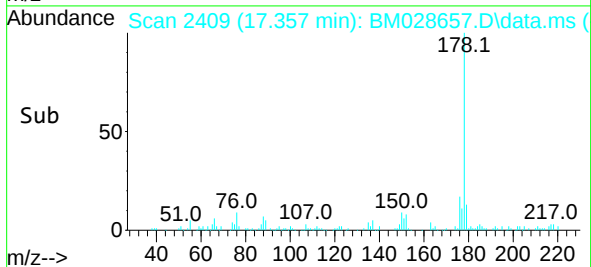
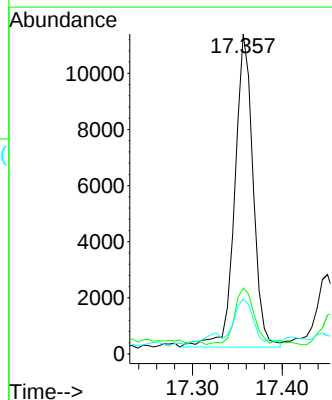
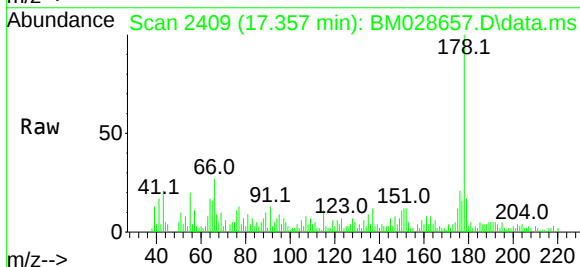
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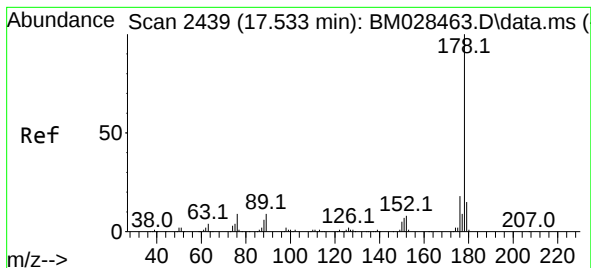
Tgt Ion:188 Resp: 117839
Ion Ratio Lower Upper
188 100
94 10.1 6.2 9.4#
80 11.2 7.5 11.3



#71
Phenanthrene
Concen: 2.18 ng
RT: 17.357 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

Tgt Ion:178 Resp: 15804
Ion Ratio Lower Upper
178 100
176 20.6 15.0 22.6
179 17.2 12.2 18.4





#72

Anthracene

Concen: 2.26 ng

RT: 17.357 min Scan# 2409

Delta R.T. -0.100 min

Lab File: BM028657.D

Acq: 04 Feb 2021 16:53

Tgt Ion:178 Resp: 15804

Ion Ratio Lower Upper

178 100

176 20.6 15.0 22.4

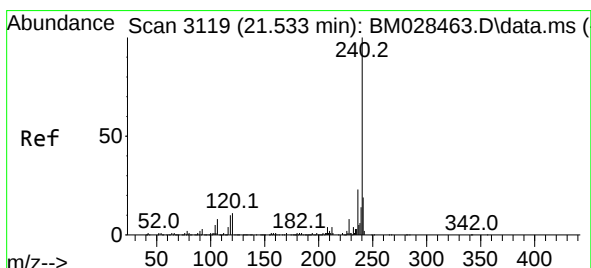
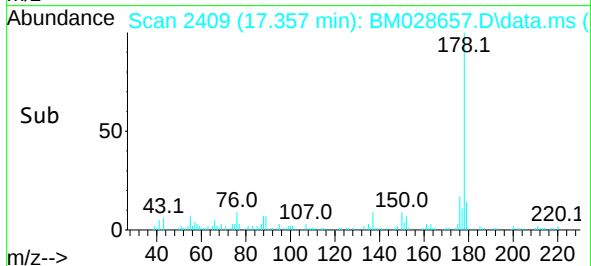
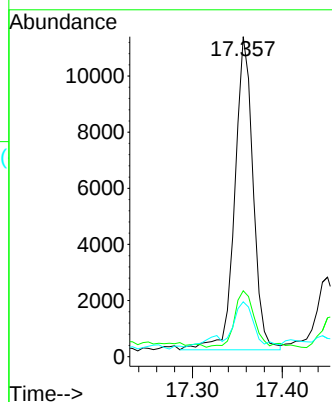
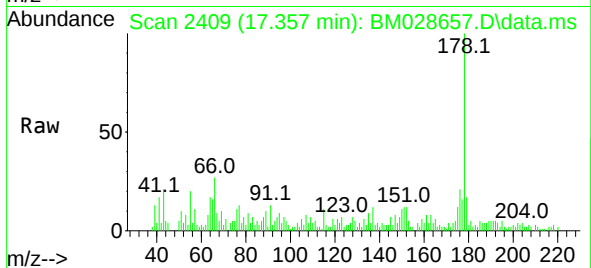
179 17.2 12.5 18.7

Instrument :

BNA_M

ClientSampleId :

OU421-008-0205



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.468 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM028657.D

Acq: 04 Feb 2021 16:53

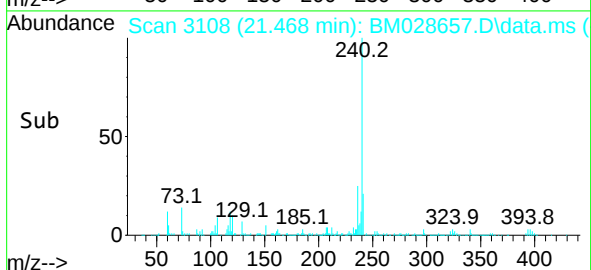
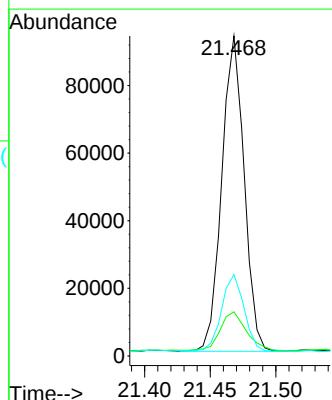
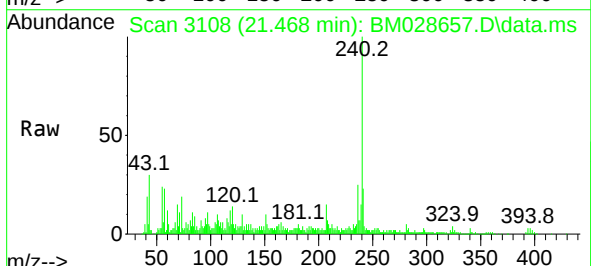
Tgt Ion:240 Resp: 110321

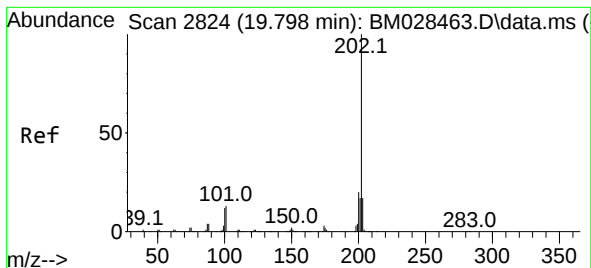
Ion Ratio Lower Upper

240 100

120 13.8 6.4 9.6#

236 25.4 20.1 30.1





#78

Pyrene

Concen: 2.79 ng

RT: 19.727 min Scan# 2812

Delta R.T. -0.000 min

Lab File: BM028657.D

Acq: 04 Feb 2021 16:53

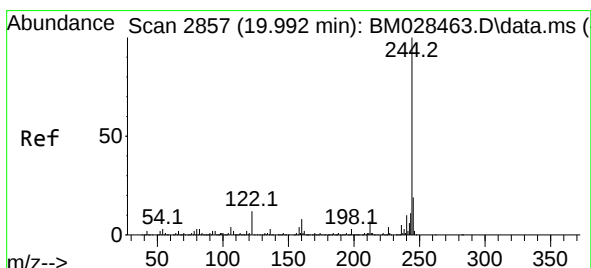
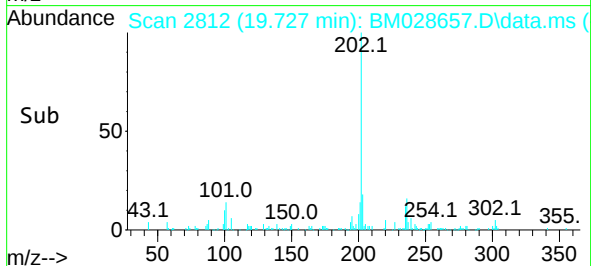
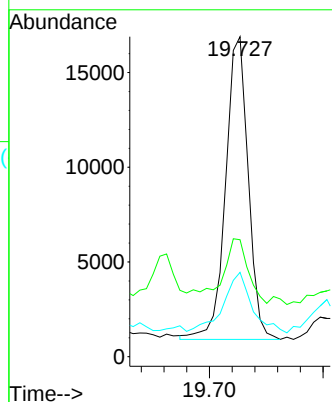
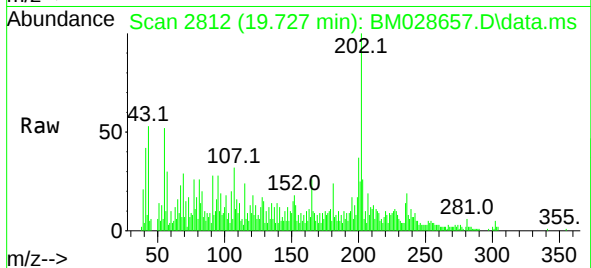
Tgt Ion:	202	Resp:	22046
Ion Ratio	Lower	Upper	
202	100		
200	36.6	16.6	24.8#
203	26.4	13.8	20.6#

Instrument :

BNA_M

ClientSampleId :

OU421-008-0205



#79

Terphenyl-d14

Concen: 52.89 ng

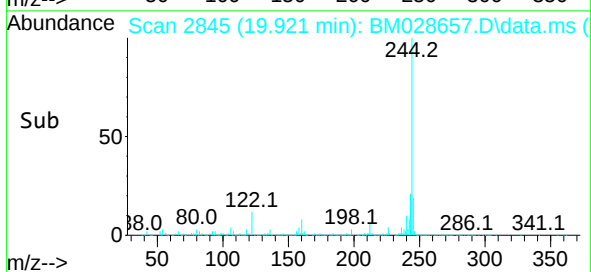
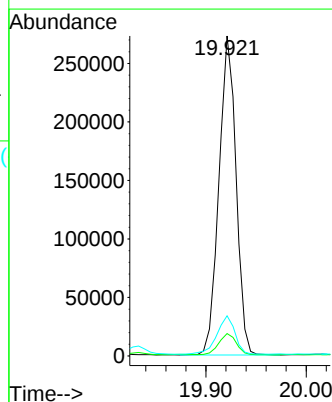
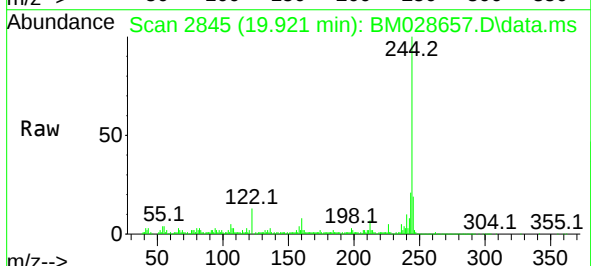
RT: 19.921 min Scan# 2845

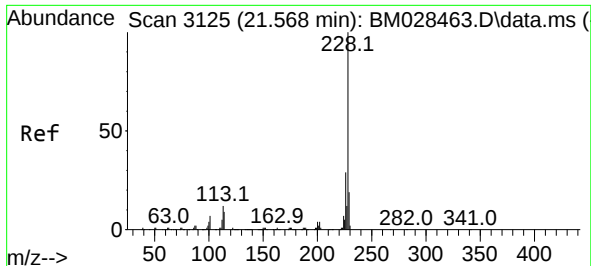
Delta R.T. -0.000 min

Lab File: BM028657.D

Acq: 04 Feb 2021 16:53

Tgt Ion:	244	Resp:	323134
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.8
122	12.6	6.5	9.7#

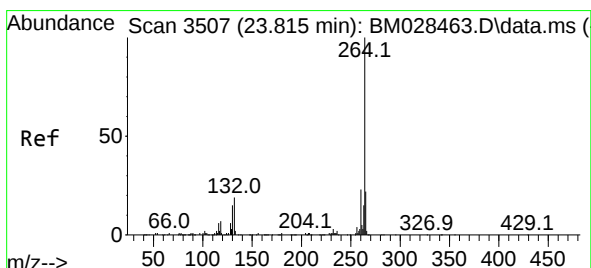
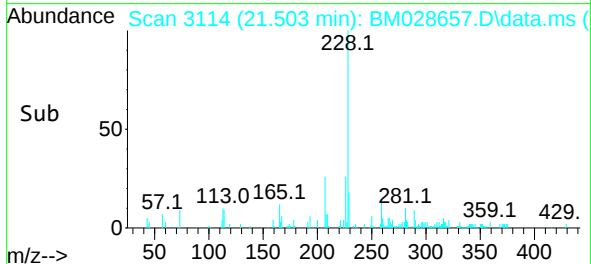
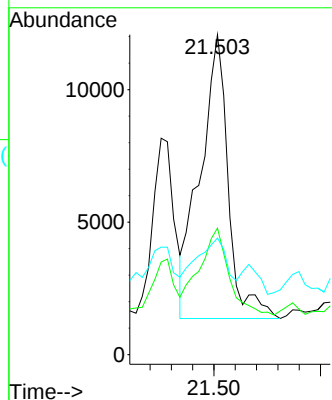
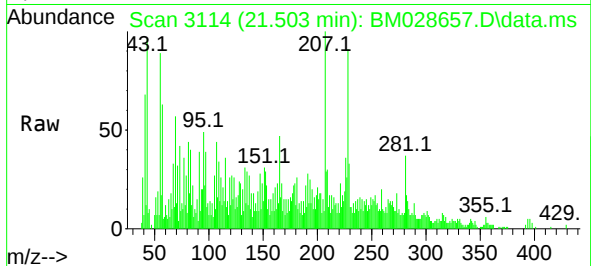




#83
Chrysene
Concen: 2.68 ng
RT: 21.503 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

Instrument :
BNA_M
ClientSampleId :
OU421-008-0205

Tgt Ion:228 Resp: 19694
Ion Ratio Lower Upper
228 100
226 39.5 23.4 35.0#
229 36.5 15.7 23.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.733 min Scan# 3493
Delta R.T. 0.006 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

Tgt Ion:264 Resp: 115537
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 23.9 17.7 26.5

