

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020321\
 Data File : BM028643.D
 Acq On : 03 Feb 2021 14:32
 Operator : CG/JU
 Sample : M1292-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU421-005-0510

Quant Time: Feb 03 15:10:42 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	7.922	152	25274	20.00	ng	-0.01
21) Naphthalene-d8	10.734	136	97732	20.00	ng	#-0.01
39) Acenaphthene-d10	14.580	164	52925	20.00	ng	0.00
64) Phenanthrene-d10	17.310	188	106470	20.00	ng	#-0.01
76) Chrysene-d12	21.456	240	113205	20.00	ng	#-0.01
86) Perylene-d12	23.715	264	117994	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	150800	94.25	ng	-0.02
7) Phenol-d6	7.099	99	189988	87.21	ng	-0.02
23) Nitrobenzene-d5	9.098	82	114341	55.49	ng	-0.01
42) 2,4,6-Tribromophenol	16.069	330	62942	89.76	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	237664	56.34	ng	-0.01
79) Terphenyl-d14	19.915	244	299728	47.81	ng	0.00

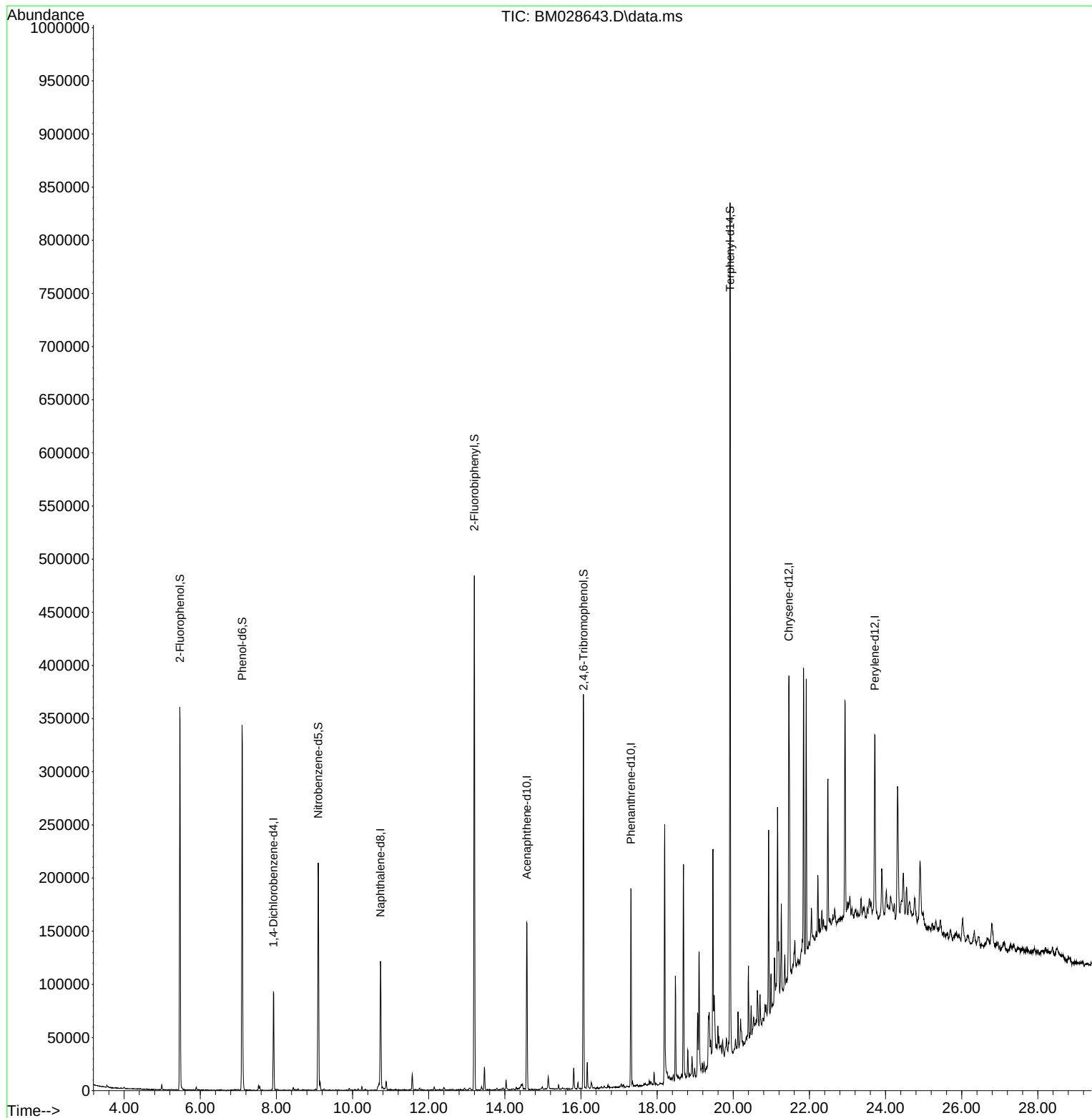
Target Compounds	Qvalue

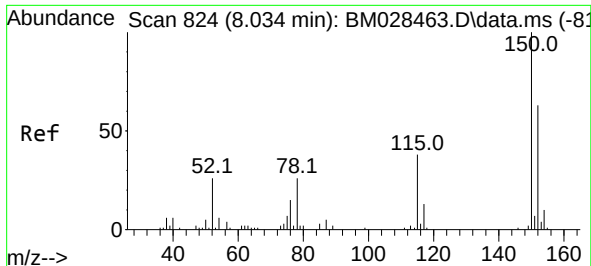
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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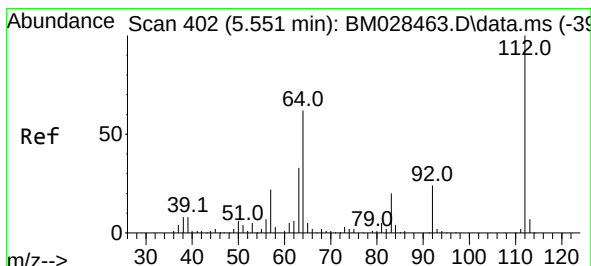
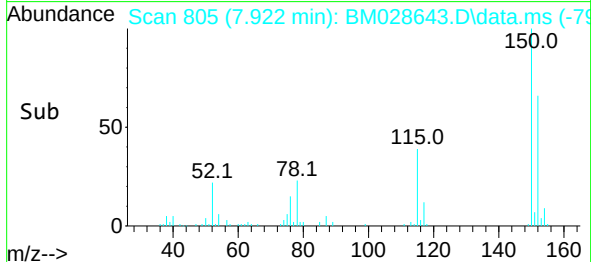
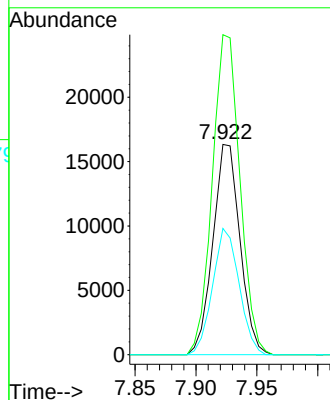
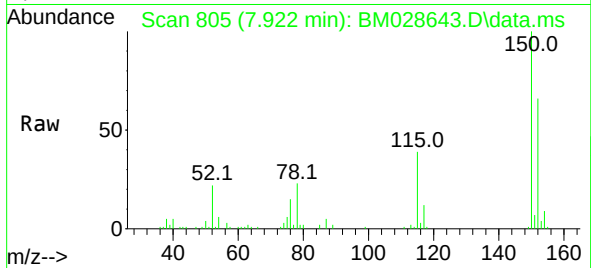




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.922 min Scan# 805
Delta R.T. -0.012 min
Lab File: BM028643.D
Acq: 03 Feb 2021 14:32

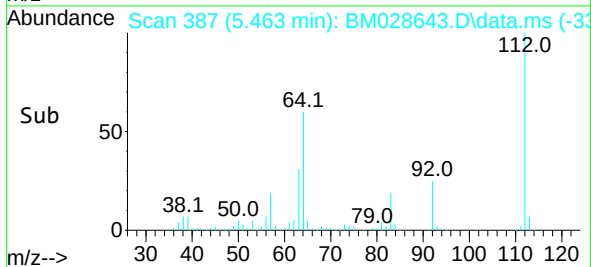
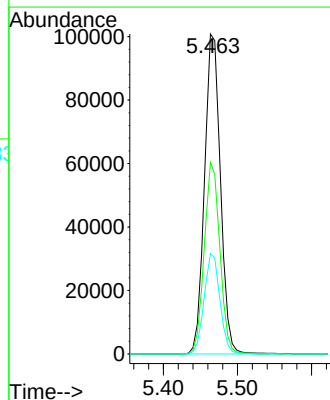
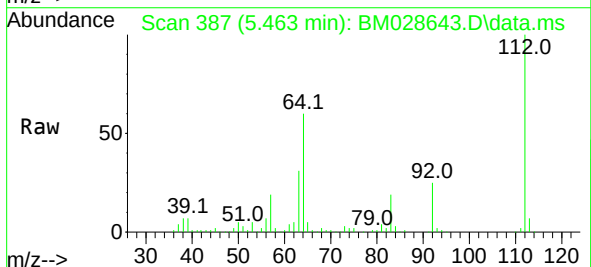
Instrument :
BNA_M
ClientSampleId :
OU421-005-0510

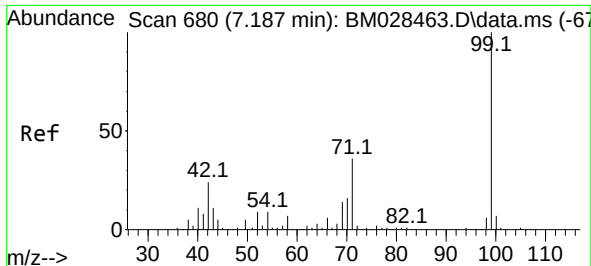
Tgt Ion:152 Resp: 25274
Ion Ratio Lower Upper
152 100
150 152.2 120.6 181.0
115 60.0 47.2 70.8



#5
2-Fluorophenol
Concen: 94.25 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.018 min
Lab File: BM028643.D
Acq: 03 Feb 2021 14:32

Tgt Ion:112 Resp: 150800
Ion Ratio Lower Upper
112 100
64 59.8 50.6 76.0
63 31.3 31.0 46.6

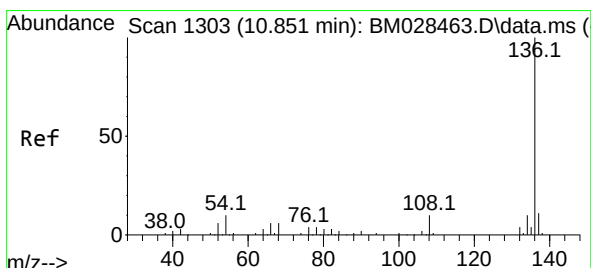
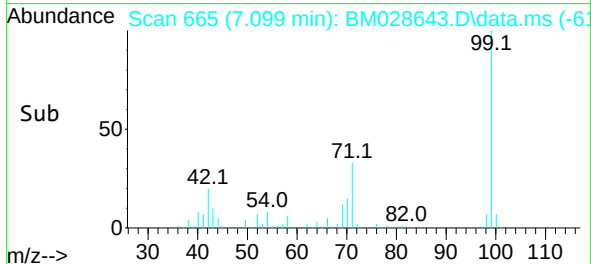
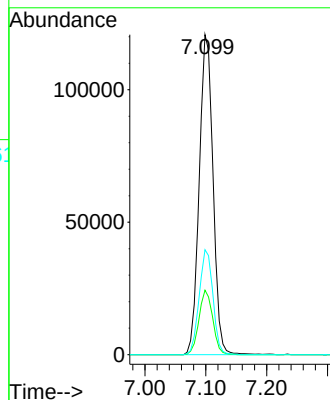
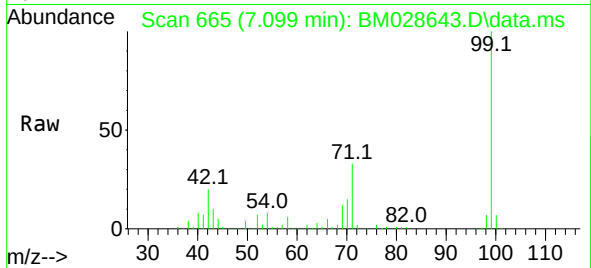




#7
Phenol-d6
Concen: 87.21 ng
RT: 7.099 min Scan# 665
Delta R.T. -0.023 min
Lab File: BM028643.D
Acq: 03 Feb 2021 14:32

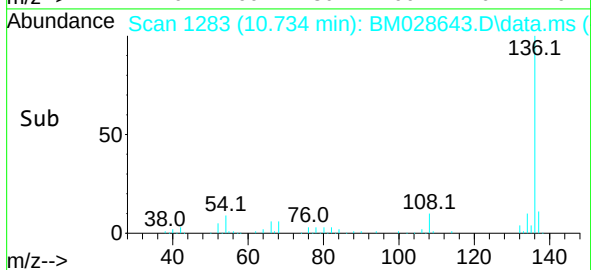
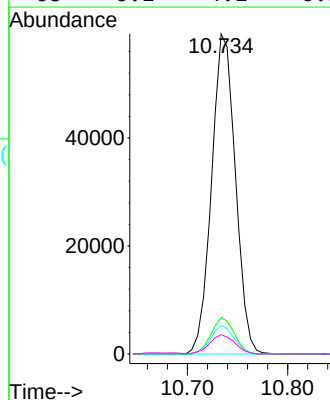
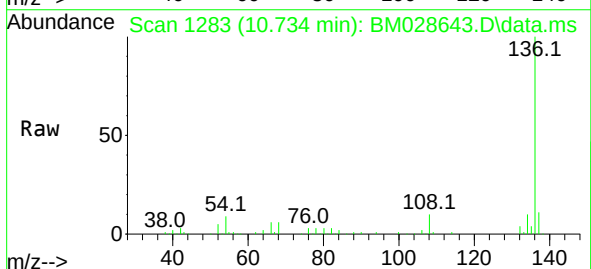
Instrument :
BNA_M
ClientSampleId :
OU421-005-0510

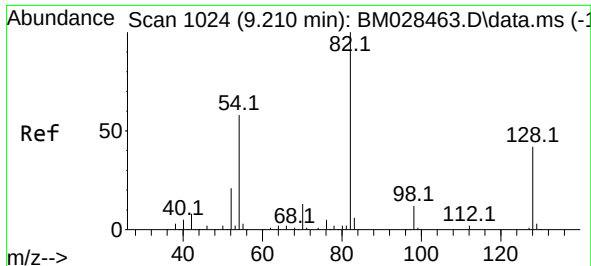
Tgt Ion: 99 Resp: 189988
Ion Ratio Lower Upper
99 100
42 20.2 13.5 20.3
71 32.8 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.734 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BM028643.D
Acq: 03 Feb 2021 14:32

Tgt Ion: 136 Resp: 97732
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.0 4.6 7.0#
68 6.1 4.1 6.1

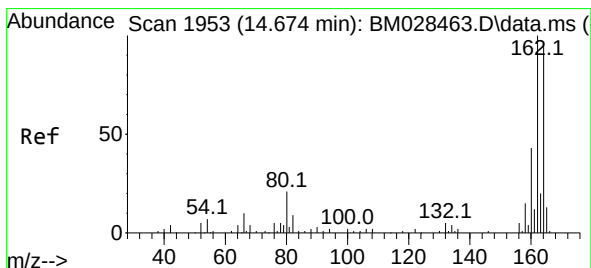
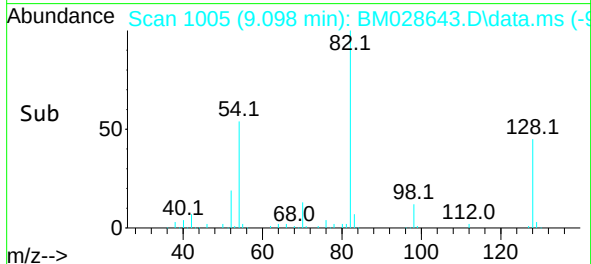
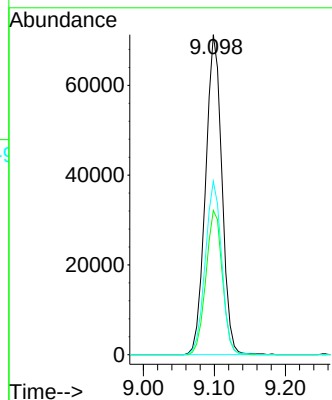
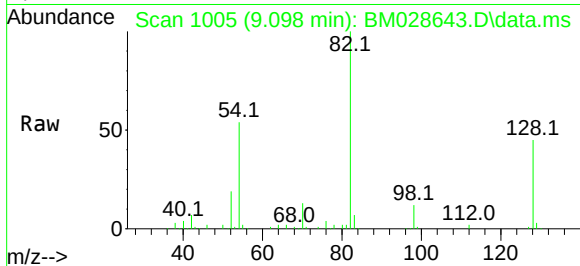




#23
Nitrobenzene-d5
Concen: 55.49 ng
RT: 9.098 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BM028643.D
Acq: 03 Feb 2021 14:32

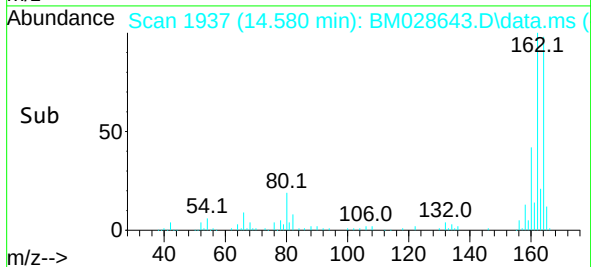
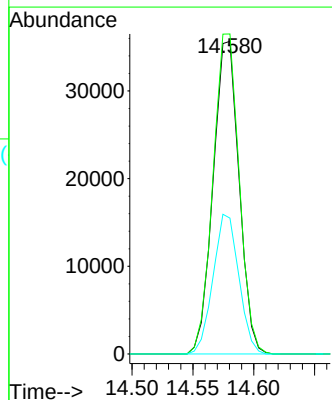
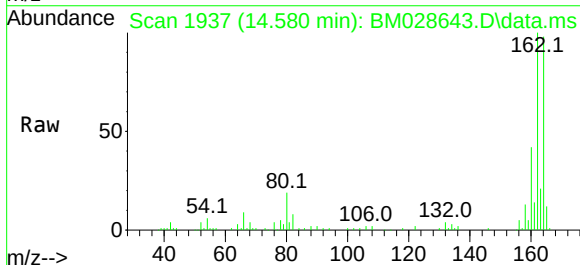
Instrument :
BNA_M
ClientSampleId :
OU421-005-0510

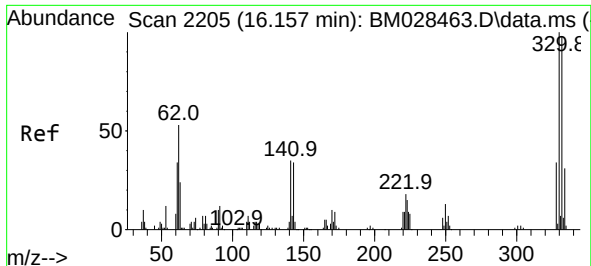
Tgt Ion: 82 Resp: 114341
Ion Ratio Lower Upper
82 100
128 45.1 27.4 41.0#
54 54.2 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM028643.D
Acq: 03 Feb 2021 14:32

Tgt Ion:164 Resp: 52925
Ion Ratio Lower Upper
164 100
162 102.3 80.4 120.6
160 43.5 35.9 53.9

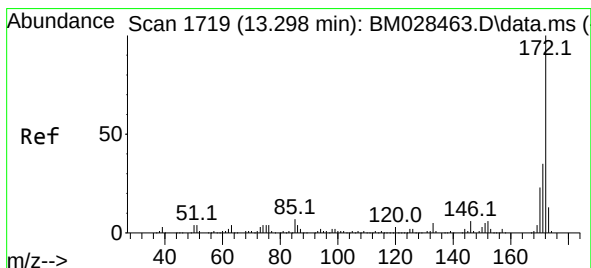
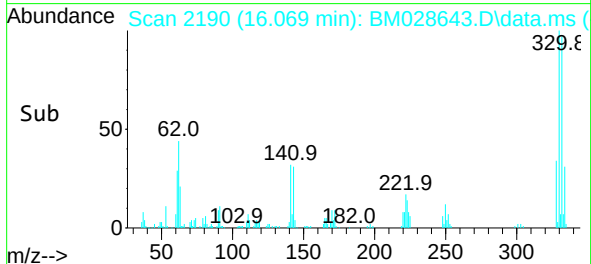
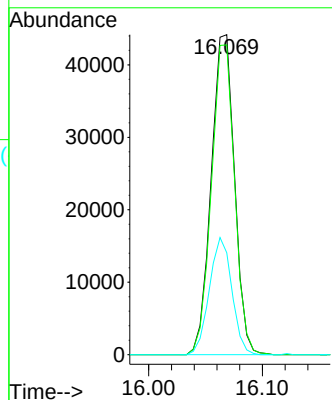
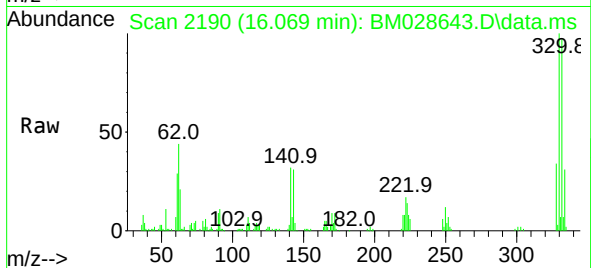




#42
2,4,6-Tribromophenol
Concen: 89.76 ng
RT: 16.069 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM028643.D
Acq: 03 Feb 2021 14:32

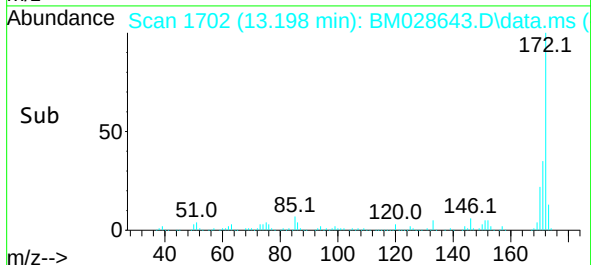
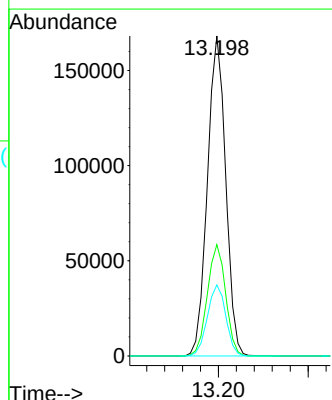
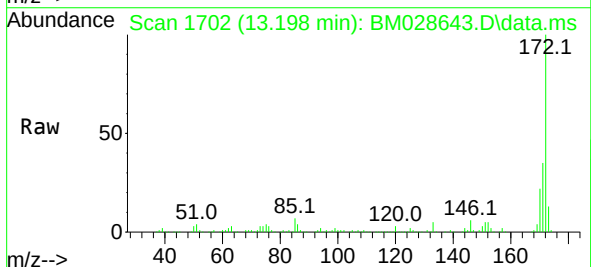
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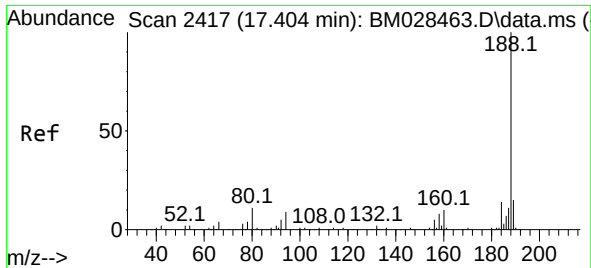
Tgt Ion:330 Resp: 62942
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 35.4 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 56.34 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM028643.D
Acq: 03 Feb 2021 14:32

Tgt Ion:172 Resp: 237664
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 22.2 18.6 27.8

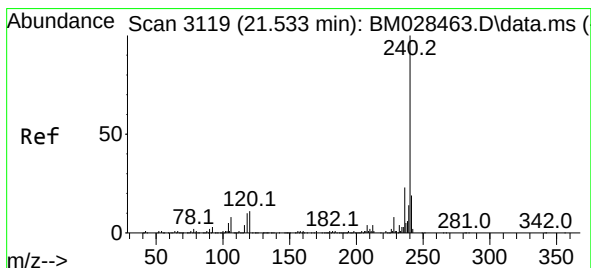
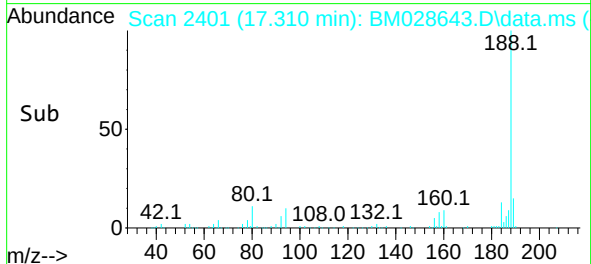
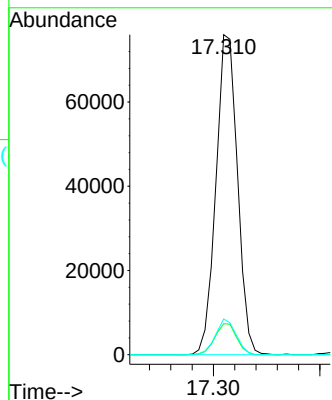
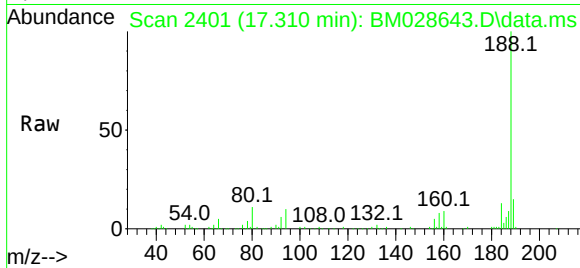




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.310 min Scan# 2401
Delta R.T. -0.012 min
Lab File: BM028643.D
Acq: 03 Feb 2021 14:32

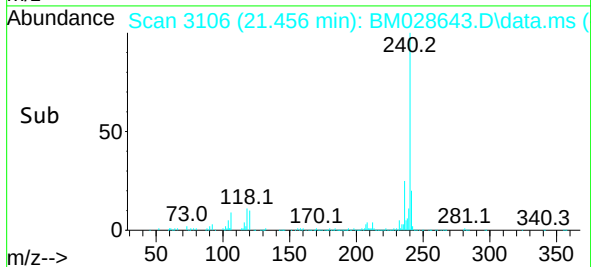
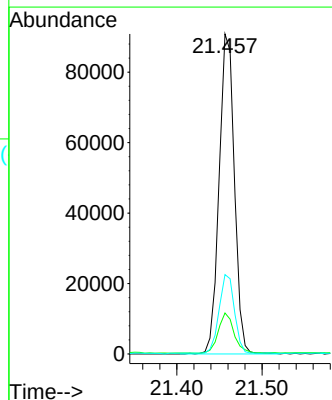
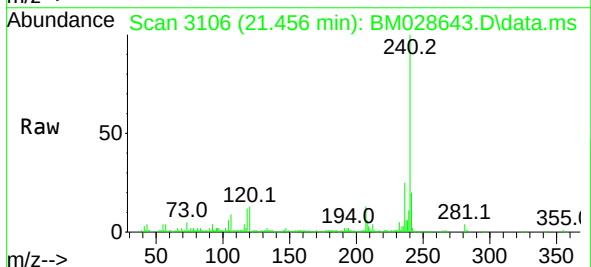
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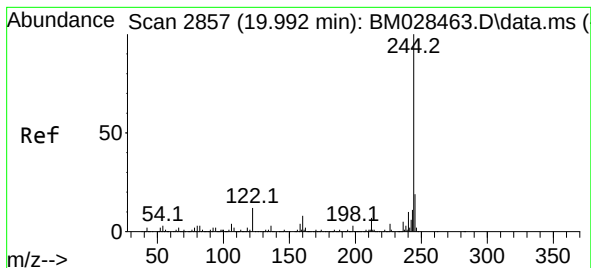
Tgt Ion:188 Resp: 106470
Ion Ratio Lower Upper
188 100
94 9.6 6.2 9.4#
80 11.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM028643.D
Acq: 03 Feb 2021 14:32

Tgt Ion:240 Resp: 113205
Ion Ratio Lower Upper
240 100
120 12.8 6.4 9.6#
236 24.8 20.1 30.1





#79

Terphenyl-d14

Concen: 47.81 ng

RT: 19.915 min Scan# 2844

Delta R.T. -0.006 min

Lab File: BM028643.D

Acq: 03 Feb 2021 14:32

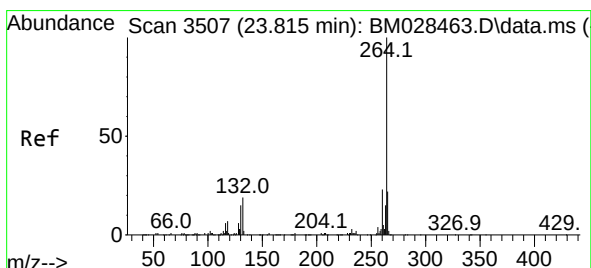
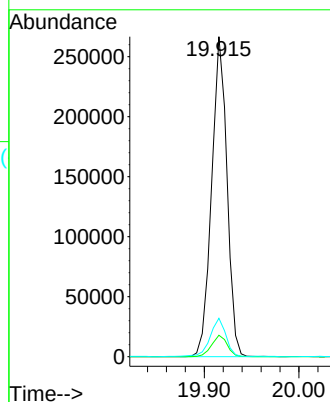
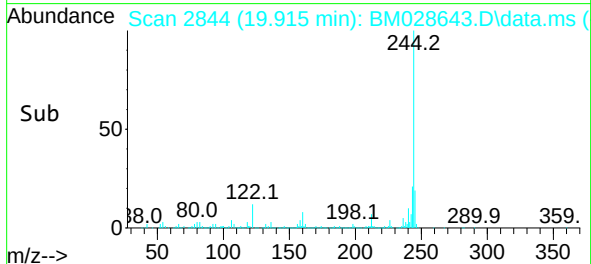
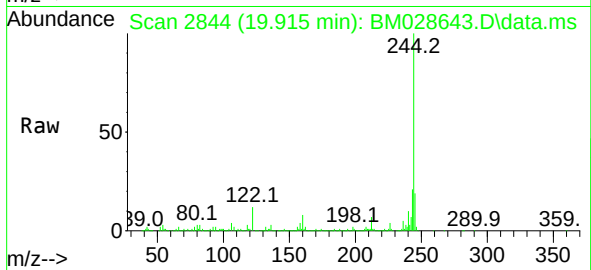
Tgt Ion:244 Resp: 299728

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

122 12.0 6.5 9.7#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.715 min Scan# 3490

Delta R.T. -0.012 min

Lab File: BM028643.D

Acq: 03 Feb 2021 14:32

Tgt Ion:264 Resp: 117994

Ion Ratio Lower Upper

264 100

260 22.3 19.0 28.4

265 22.7 17.7 26.5

