

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
 Data File : BM029020.D
 Acq On : 08 Mar 2021 15:53
 Operator : CG/JU
 Sample : M1576-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDW-GW803-SO-030421

Quant Time: Mar 08 16:24:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 13:17:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	8487	20.00	ng	-0.01
21) Naphthalene-d8	10.463	136	32438	20.00	ng	#-0.01
39) Acenaphthene-d10	14.339	164	19541	20.00	ng	-0.01
64) Phenanthrene-d10	17.086	188	42196	20.00	ng	-0.01
76) Chrysene-d12	21.256	240	42557	20.00	ng	#-0.02
86) Perylene-d12	23.415	264	43320	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	64283	125.55	ng	0.00
7) Phenol-d6	6.875	99	68204	100.85	ng	0.00
23) Nitrobenzene-d5	8.845	82	55672	92.60	ng	-0.01
42) 2,4,6-Tribromophenol	15.839	330	35675	154.04	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	129481	88.21	ng	-0.01
79) Terphenyl-d14	19.715	244	219639	95.30	ng	0.00

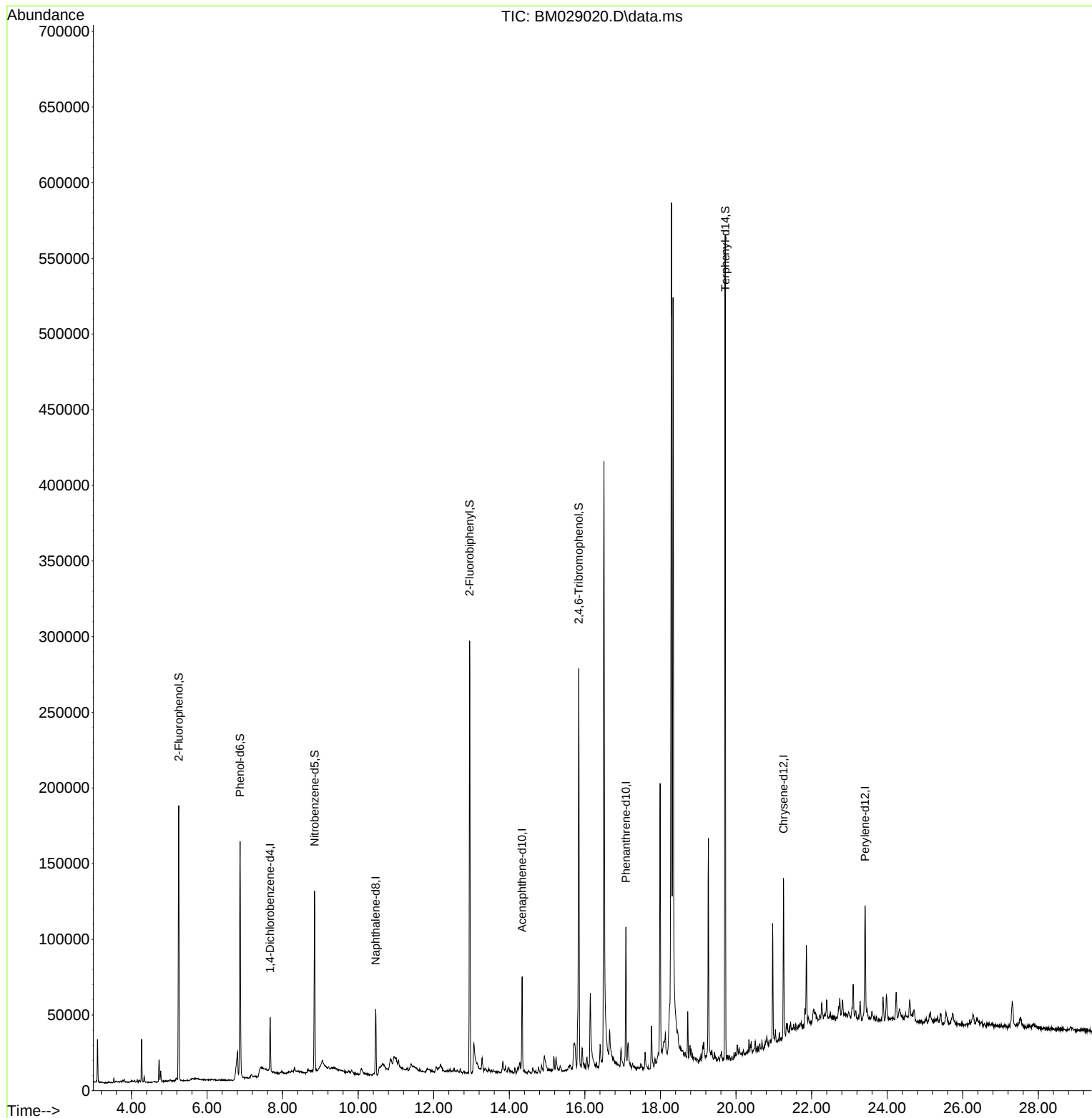
Target Compounds	Qvalue
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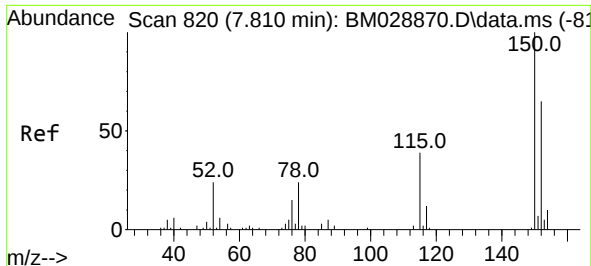
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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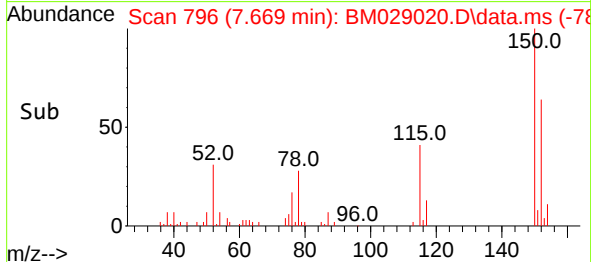
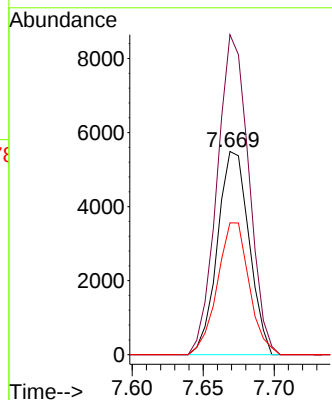
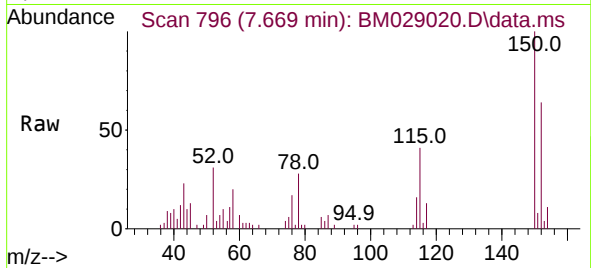




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.669 min Scan# 796
Delta R.T. -0.012 min
Lab File: BM029020.D
Acq: 08 Mar 2021 15:53

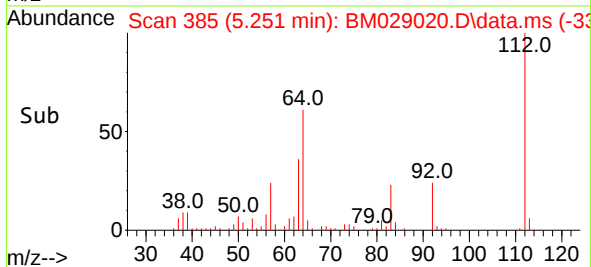
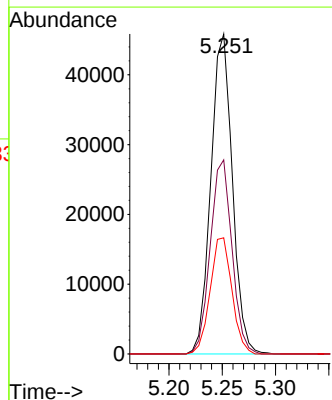
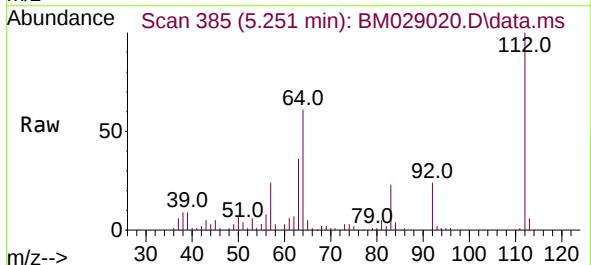
Instrument :
BNA_M
ClientSampleId :
IDW-GW803-SO-030421

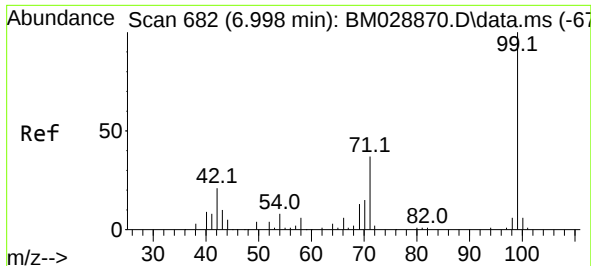
Tgt Ion:152 Resp: 8487
Ion Ratio Lower Upper
152 100
150 157.4 120.6 181.0
115 64.9 47.2 70.8



#5
2-Fluorophenol
Concen: 125.55 ng
RT: 5.251 min Scan# 385
Delta R.T. 0.006 min
Lab File: BM029020.D
Acq: 08 Mar 2021 15:53

Tgt Ion:112 Resp: 64283
Ion Ratio Lower Upper
112 100
64 60.6 50.6 76.0
63 36.3 31.0 46.6

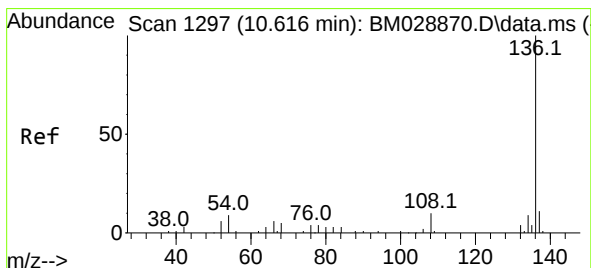
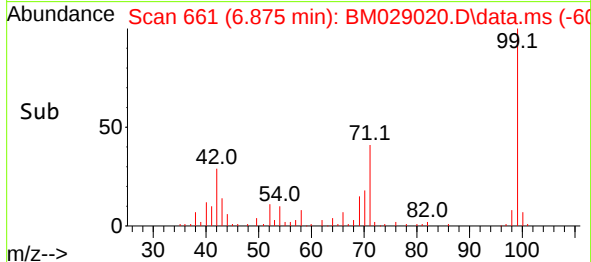
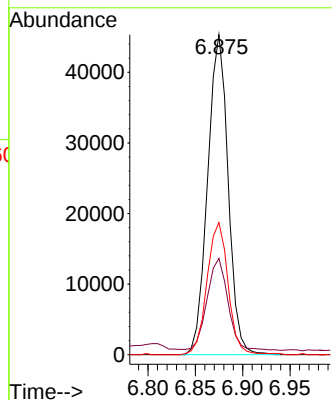
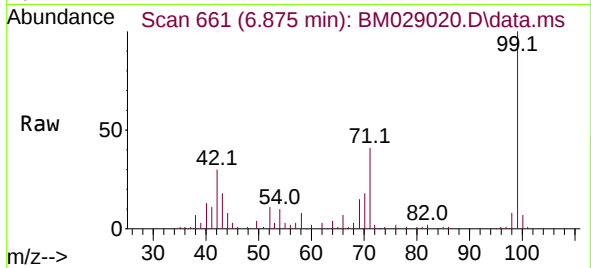




#7
Phenol-d6
Concen: 100.85 ng
RT: 6.875 min Scan# 661
Delta R.T. 0.006 min
Lab File: BM029020.D
Acq: 08 Mar 2021 15:53

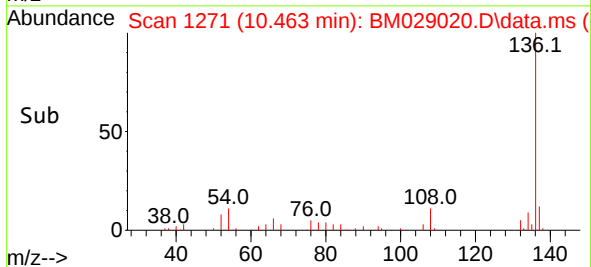
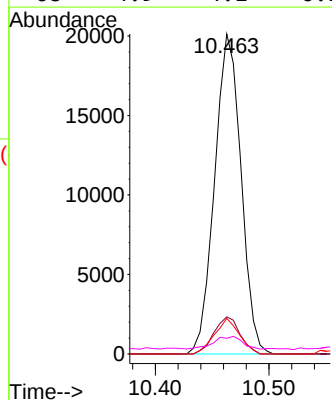
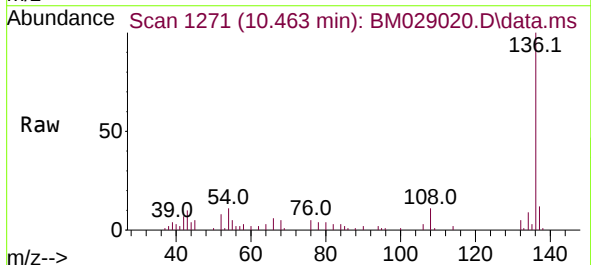
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BNA_M
ClientSampleId :
IDW-GW803-SO-030421

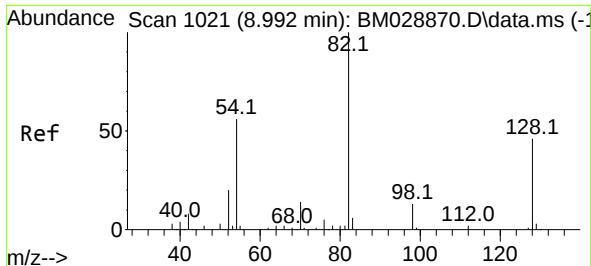
Tgt Ion: 99 Resp: 68204
Ion Ratio Lower Upper
99 100
42 30.1 13.5 20.3#
71 41.3 39.4 59.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BM029020.D
Acq: 08 Mar 2021 15:53

Tgt Ion: 136 Resp: 32438
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 11.1 4.6 7.0#
68 4.9 4.1 6.1

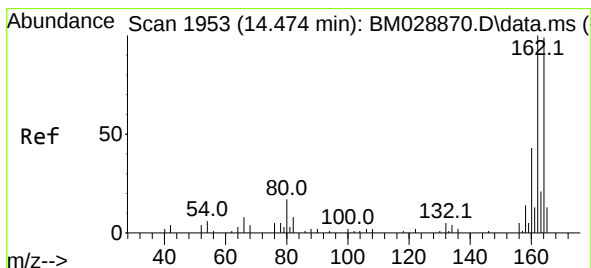
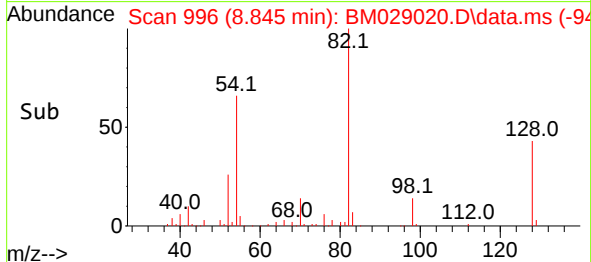
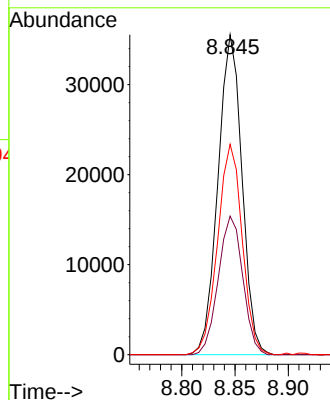
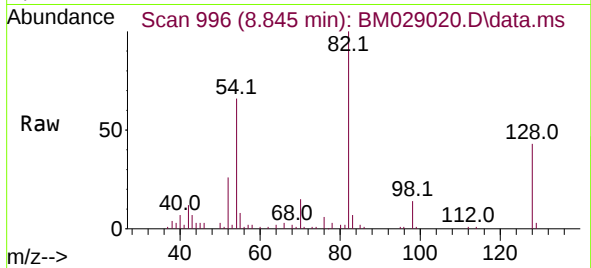




#23
Nitrobenzene-d5
Concen: 92.60 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM029020.D
Acq: 08 Mar 2021 15:53

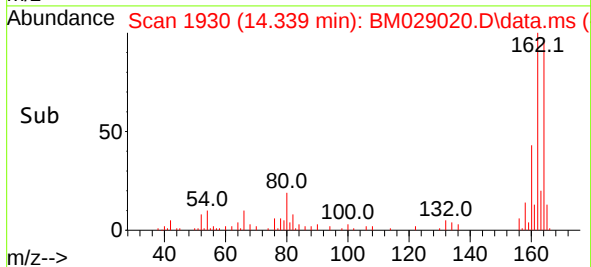
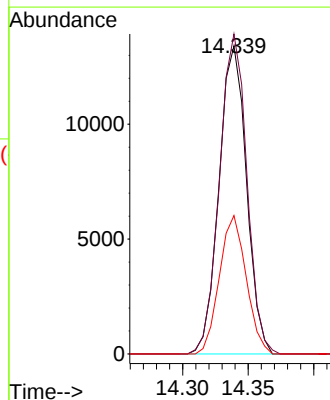
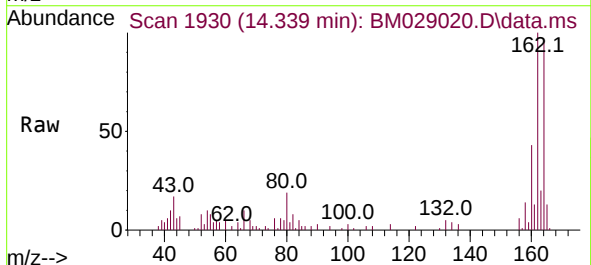
Instrument :
BNA_M
ClientSampleId :
IDW-GW803-SO-030421

Tgt Ion: 82 Resp: 55672
Ion Ratio Lower Upper
82 100
128 43.3 27.4 41.0#
54 65.7 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM029020.D
Acq: 08 Mar 2021 15:53

Tgt Ion: 164 Resp: 19541
Ion Ratio Lower Upper
164 100
162 103.8 80.4 120.6
160 44.9 35.9 53.9

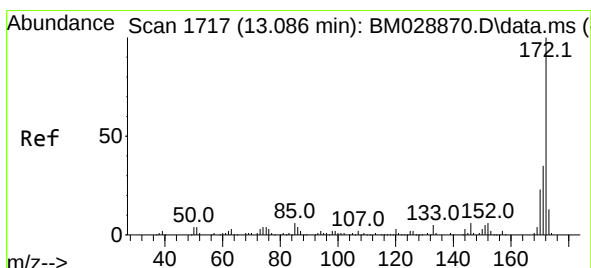
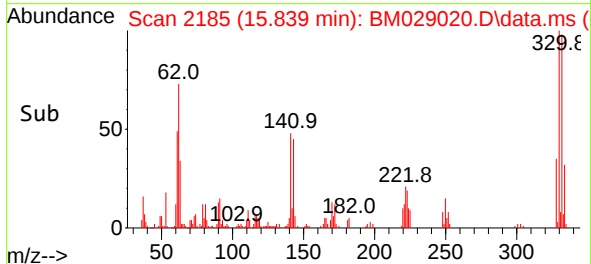
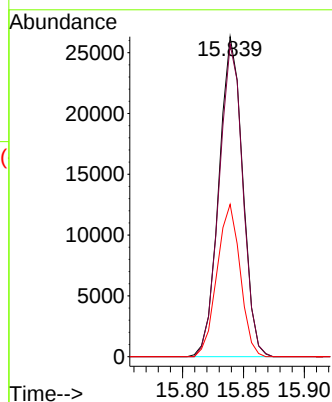
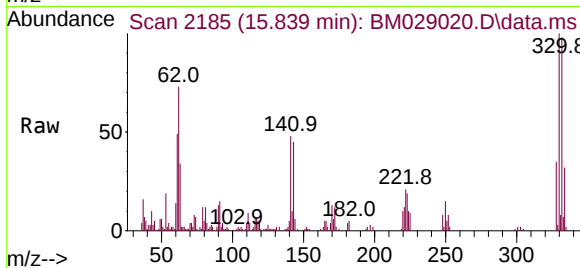




#42
2,4,6-Tribromophenol
Concen: 154.04 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM029020.D
Acq: 08 Mar 2021 15:53

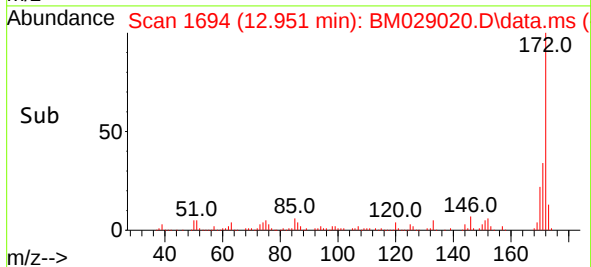
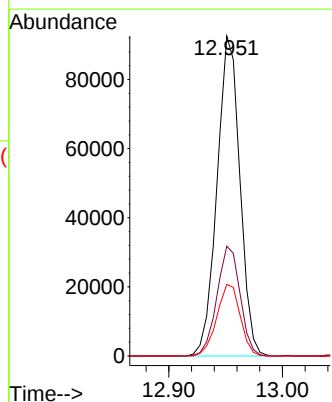
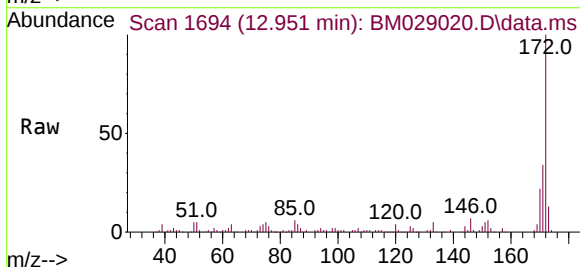
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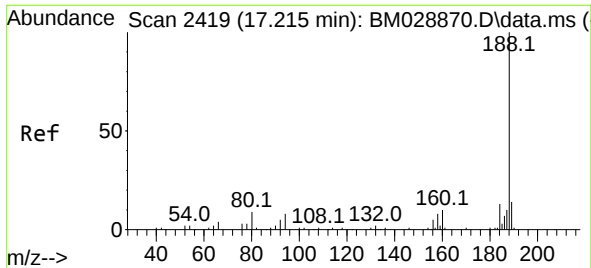
Tgt Ion:330 Resp: 35675
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 46.5 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 88.21 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM029020.D
Acq: 08 Mar 2021 15:53

Tgt Ion:172 Resp: 129481
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 22.4 18.6 27.8

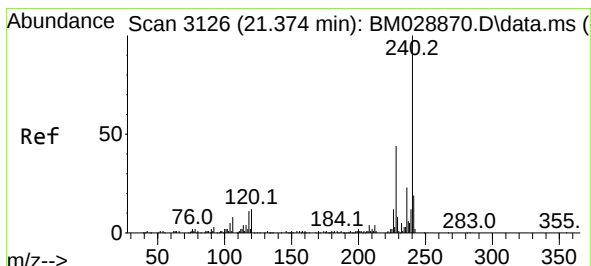
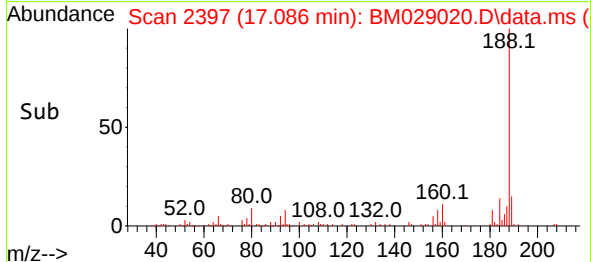
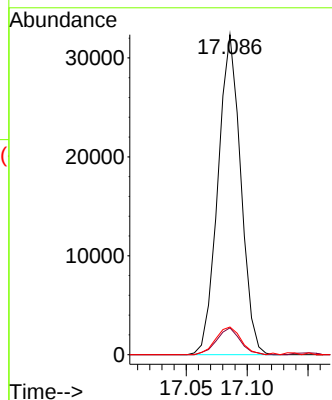
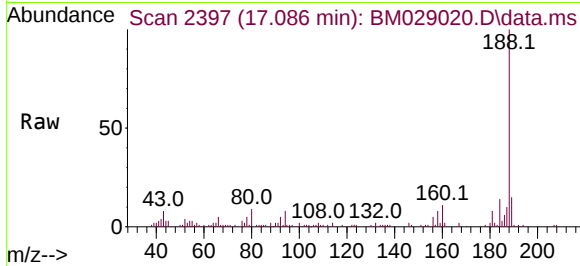




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2397
Delta R.T. -0.012 min
Lab File: BM029020.D
Acq: 08 Mar 2021 15:53

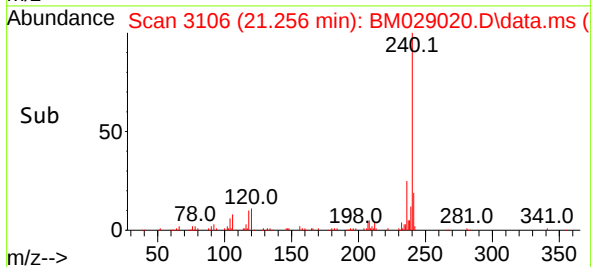
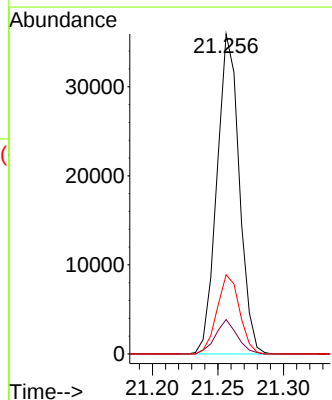
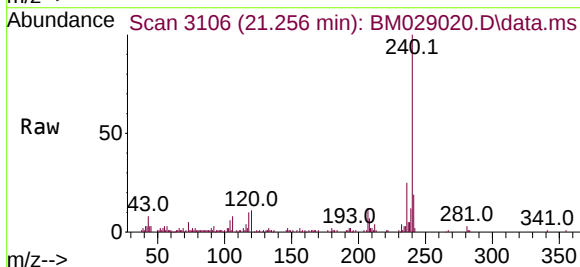
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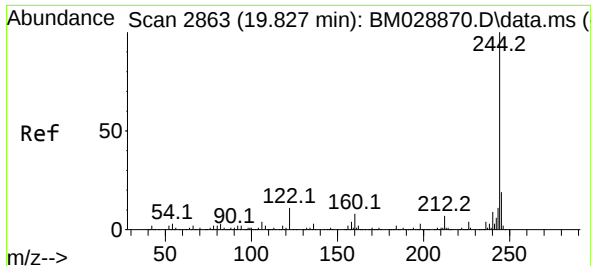
Tgt Ion:188 Resp: 42196
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.4
80 8.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.256 min Scan# 3106
Delta R.T. -0.018 min
Lab File: BM029020.D
Acq: 08 Mar 2021 15:53

Tgt Ion:240 Resp: 42557
Ion Ratio Lower Upper
240 100
120 10.8 6.4 9.6#
236 24.7 20.1 30.1

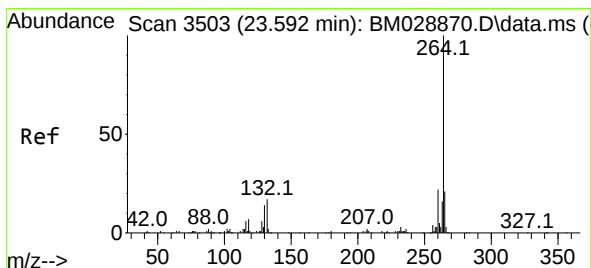
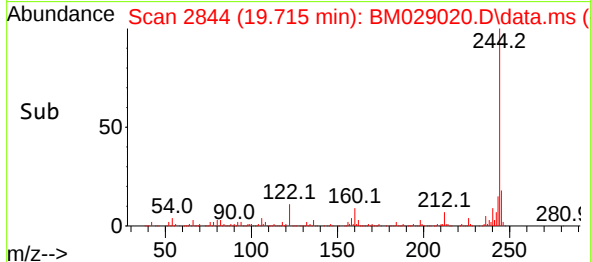
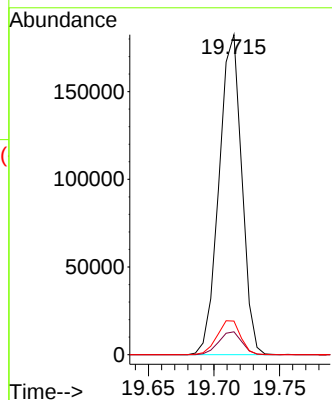
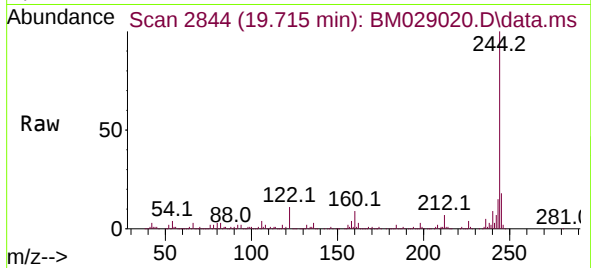




#79
 Terphenyl-d14
 Concen: 95.30 ng
 RT: 19.715 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BM029020.D
 Acq: 08 Mar 2021 15:53

Instrument :
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Tgt Ion:244 Resp: 219639
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.5 6.5 9.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.415 min Scan# 3473
 Delta R.T. -0.024 min
 Lab File: BM029020.D
 Acq: 08 Mar 2021 15:53

Tgt Ion:264 Resp: 43320
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.4
 265 22.8 17.7 26.5

