

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
 Data File : BM032678.D
 Acq On : 22 Oct 2021 16:44
 Operator : CG/JU
 Sample : M4315-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MH-D-D

Quant Time: Oct 22 17:49:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 22 11:30:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	233418	20.000	ng	0.00
21) Naphthalene-d8	10.331	136	936985	20.000	ng	# 0.00
39) Acenaphthene-d10	14.201	164	544151	20.000	ng	0.00
64) Phenanthrene-d10	16.936	188	959489	20.000	ng	# 0.00
76) Chrysene-d12	21.112	240	688036	20.000	ng	# 0.00
86) Perylene-d12	23.253	264	706072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.131	112	1480158	106.844	ng	0.00
7) Phenol-d6	6.748	99	1857199	98.032	ng	0.00
23) Nitrobenzene-d5	8.695	82	1137348	67.511	ng	0.00
42) 2,4,6-Tribromophenol	15.695	330	501482	82.321	ng	0.00
45) 2-Fluorobiphenyl	12.813	172	2163167	59.106	ng	0.00
79) Terphenyl-d14	19.565	244	2003642	61.330	ng	0.00

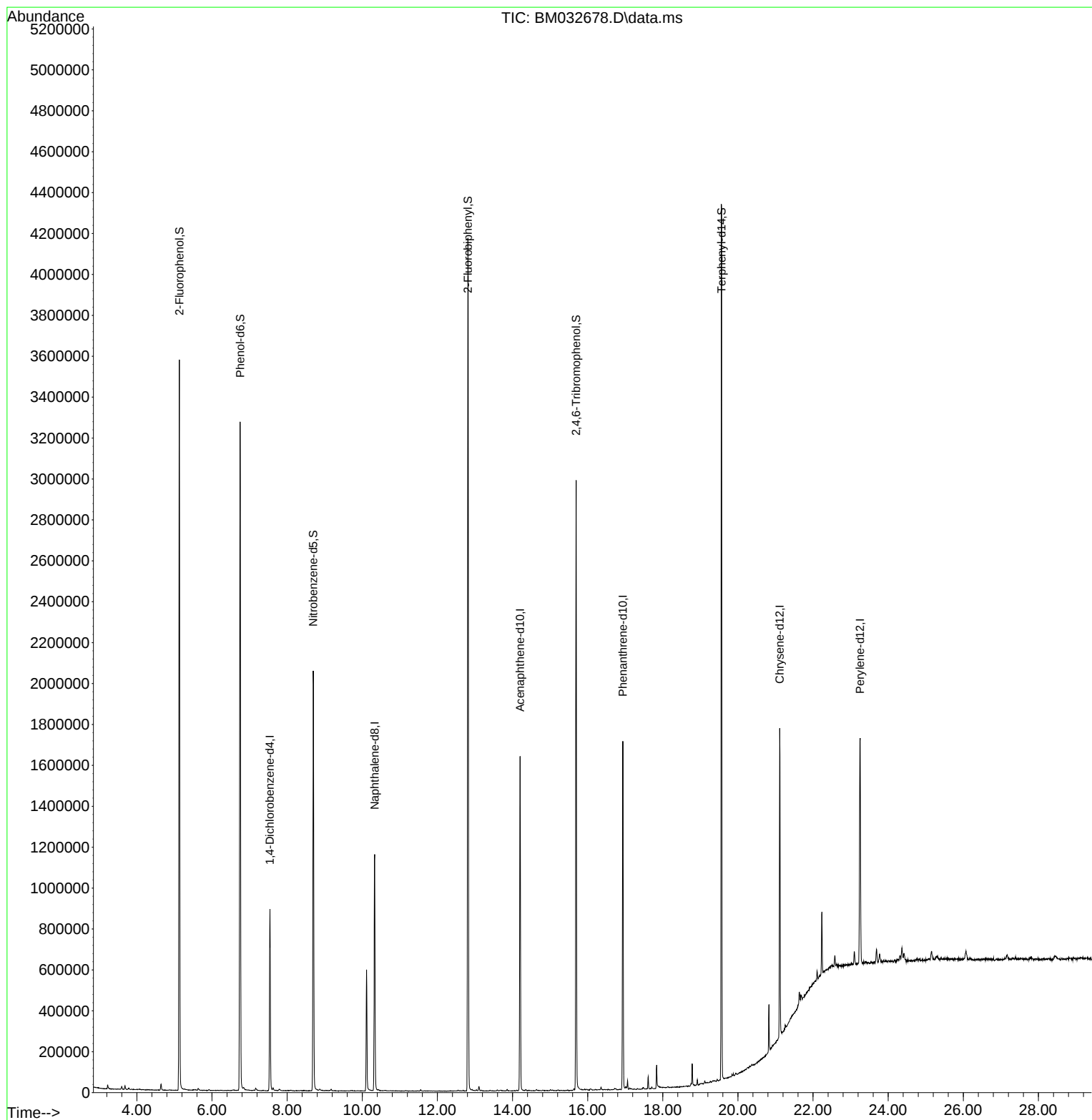
Target Compounds	Qvalue

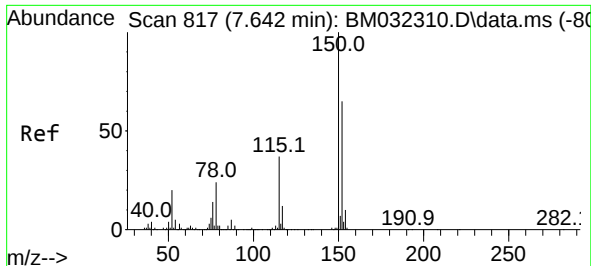
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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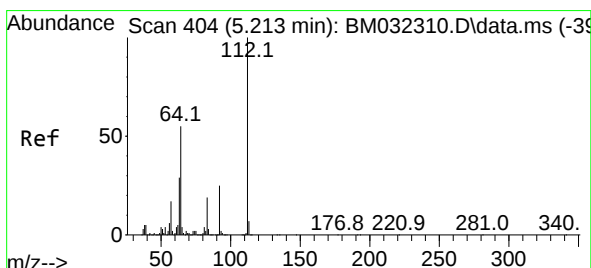
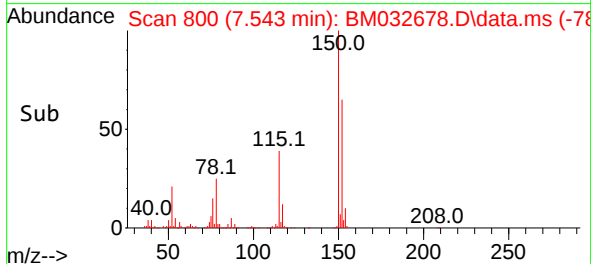
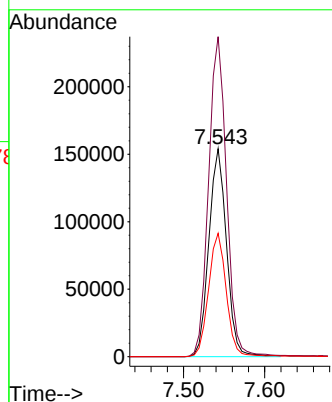
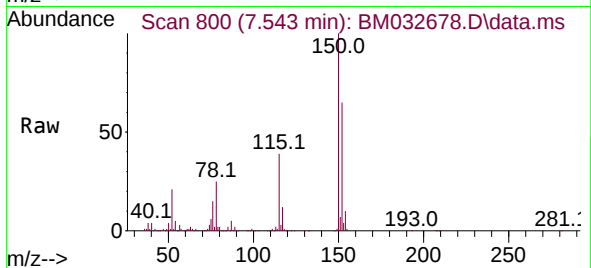




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.543 min Scan# 800
Delta R.T. 0.001 min
Lab File: BM032678.D
Acq: 22 Oct 2021 16:44

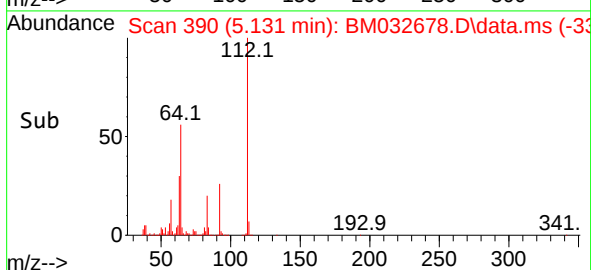
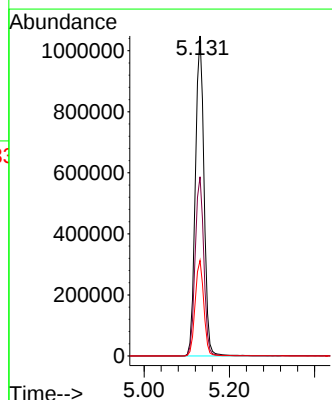
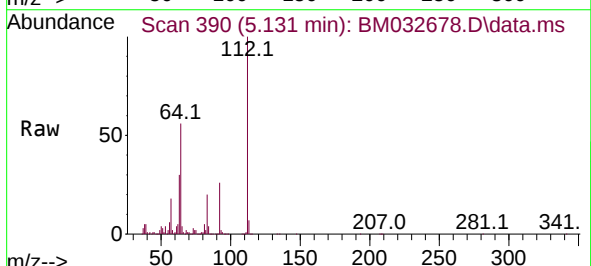
Instrument :
BNA_M
ClientSampleId :
MH-D-D

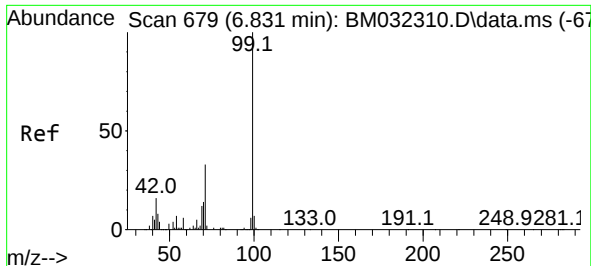
Tgt Ion:152 Resp: 233418
Ion Ratio Lower Upper
152 100
150 153.8 122.4 183.6
115 59.3 53.8 80.8



#5
2-Fluorophenol
Concen: 106.844 ng
RT: 5.131 min Scan# 390
Delta R.T. 0.006 min
Lab File: BM032678.D
Acq: 22 Oct 2021 16:44

Tgt Ion:112 Resp: 1480158
Ion Ratio Lower Upper
112 100
64 56.0 53.7 80.5
63 29.8 33.9 50.9#

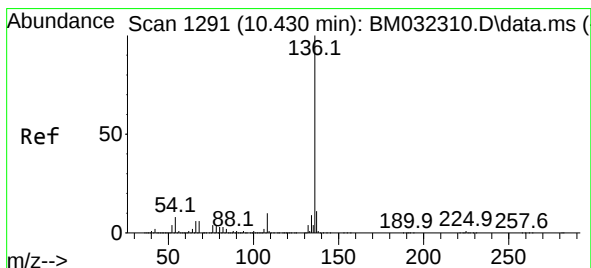
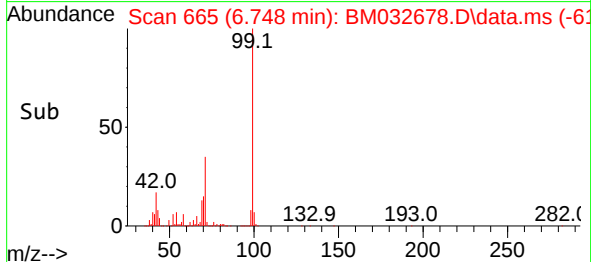
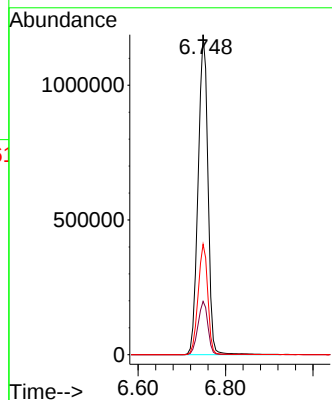
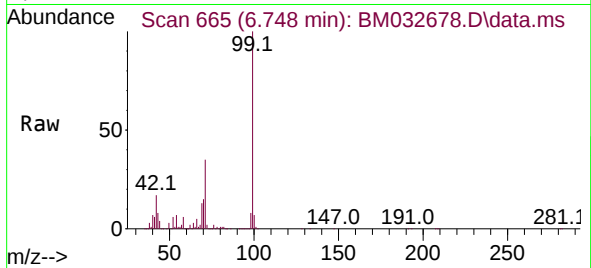




#7
Phenol-d6
Concen: 98.032 ng
RT: 6.748 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM032678.D
Acq: 22 Oct 2021 16:44

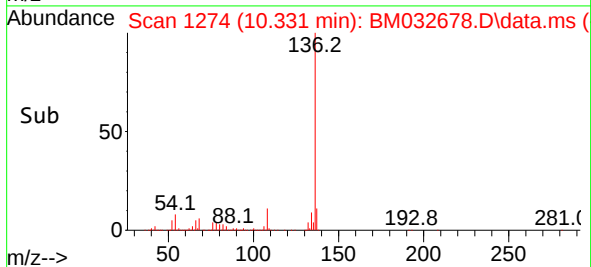
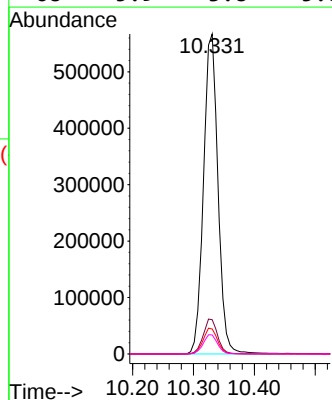
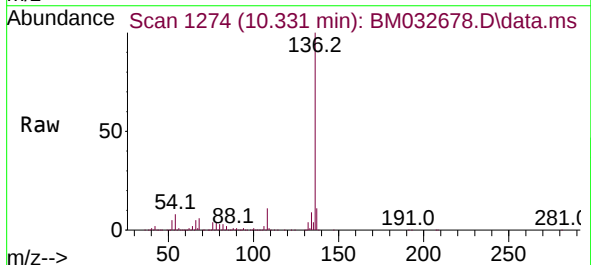
Instrument :
BNA_M
ClientSampleId :
MH-D-D

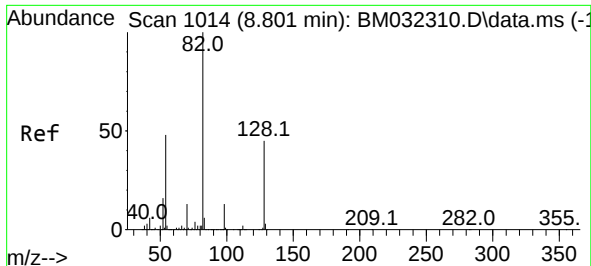
Tgt Ion: 99 Resp: 1857199
Ion Ratio Lower Upper
99 100
42 16.7 23.0 34.6#
71 34.5 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.331 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BM032678.D
Acq: 22 Oct 2021 16:44

Tgt Ion: 136 Resp: 936985
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.8 7.4 11.0
68 5.9 3.8 5.8#

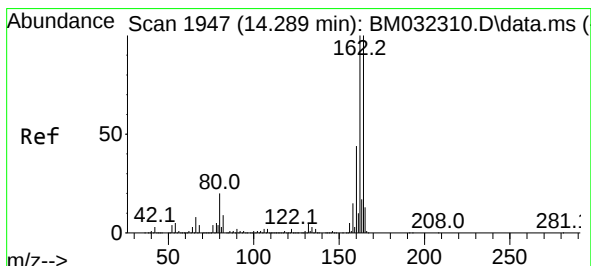
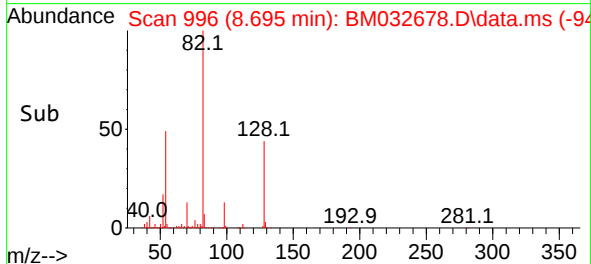
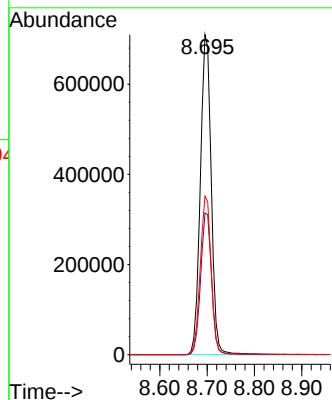
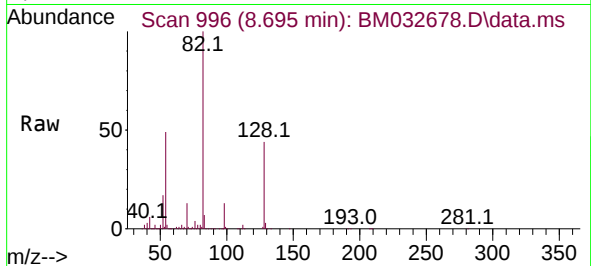




#23
Nitrobenzene-d5
Concen: 67.511 ng
RT: 8.695 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM032678.D
Acq: 22 Oct 2021 16:44

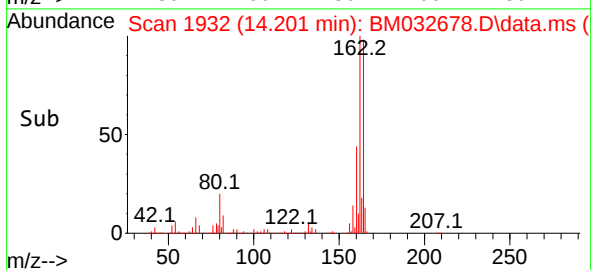
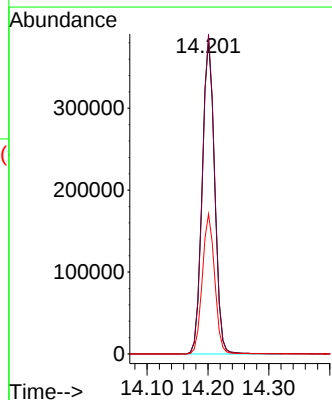
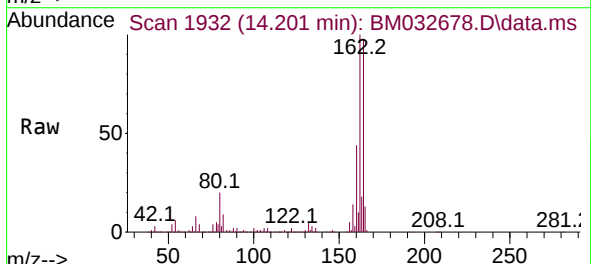
Instrument :
BNA_M
ClientSampleId :
MH-D-D

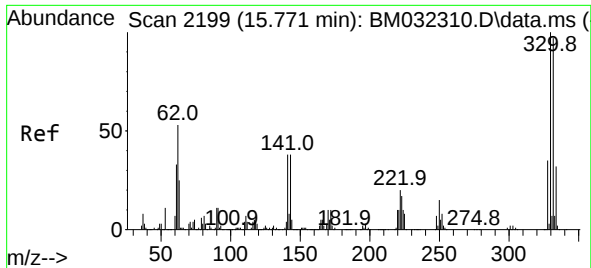
Tgt Ion: 82 Resp: 1137348
Ion Ratio Lower Upper
82 100
128 44.3 29.0 43.6#
54 49.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM032678.D
Acq: 22 Oct 2021 16:44

Tgt Ion:164 Resp: 544151
Ion Ratio Lower Upper
164 100
162 101.9 80.6 121.0
160 44.6 35.1 52.7

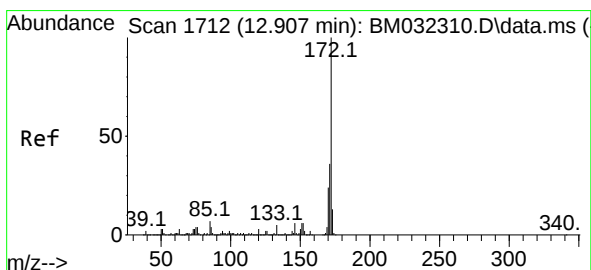
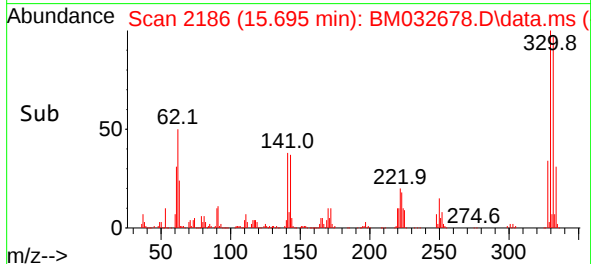
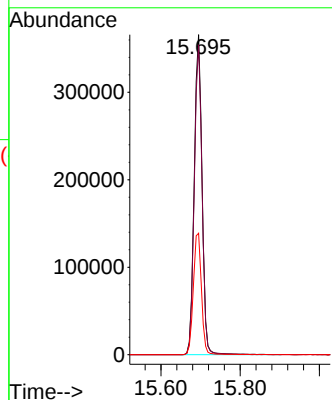
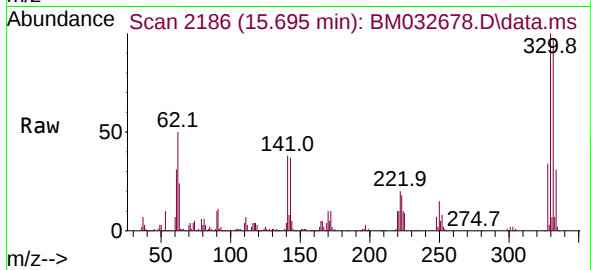




#42
2,4,6-Tribromophenol
Concen: 82.321 ng
RT: 15.695 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BM032678.D
Acq: 22 Oct 2021 16:44

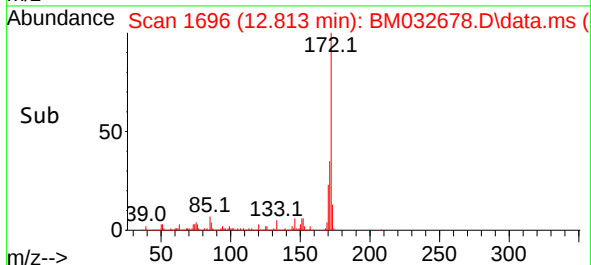
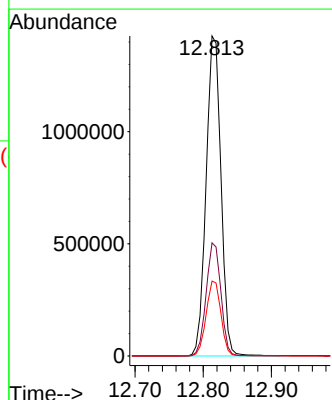
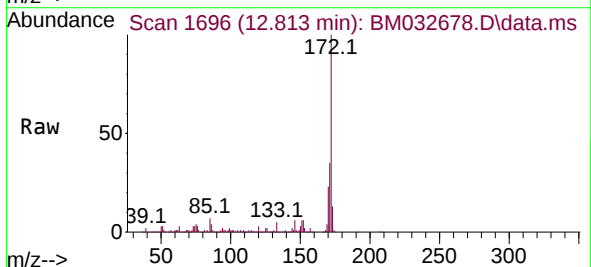
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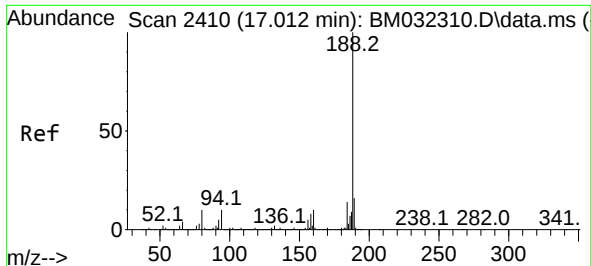
Tgt Ion:330 Resp: 501482
Ion Ratio Lower Upper
330 100
332 96.1 75.7 113.5
141 39.5 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 59.106 ng
RT: 12.813 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM032678.D
Acq: 22 Oct 2021 16:44

Tgt Ion:172 Resp: 2163167
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.4 18.6 27.8

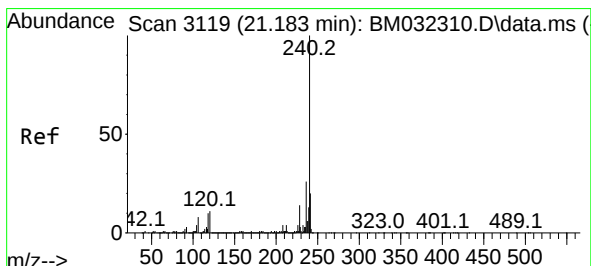
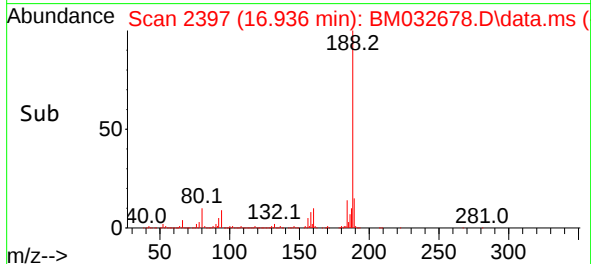
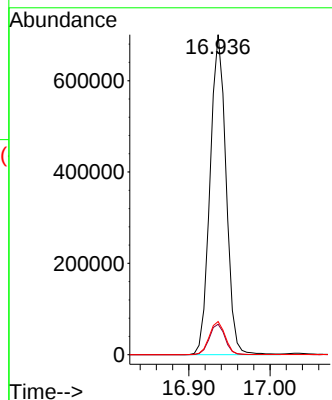
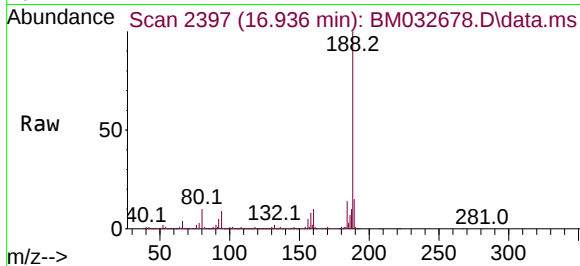




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.936 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BM032678.D
Acq: 22 Oct 2021 16:44

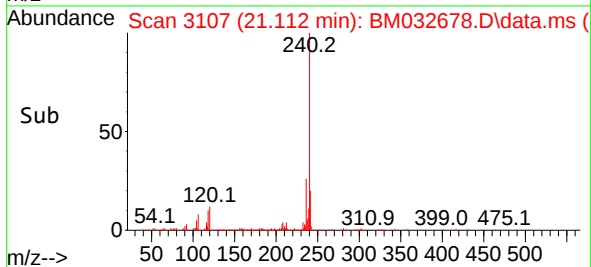
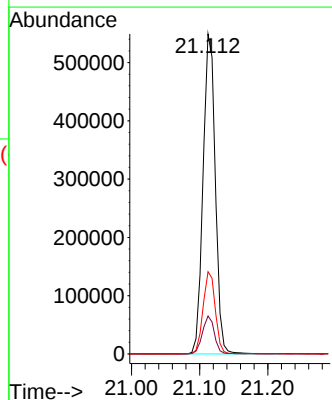
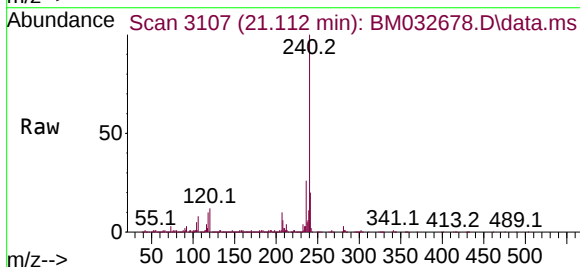
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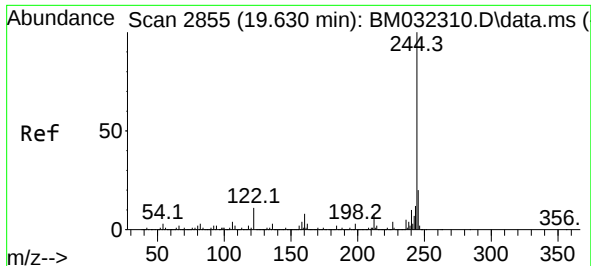
Tgt Ion:188 Resp: 959489
Ion Ratio Lower Upper
188 100
94 9.5 6.3 9.5#
80 10.4 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.112 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM032678.D
Acq: 22 Oct 2021 16:44

Tgt Ion:240 Resp: 688036
Ion Ratio Lower Upper
240 100
120 11.9 7.8 11.6#
236 25.7 20.9 31.3

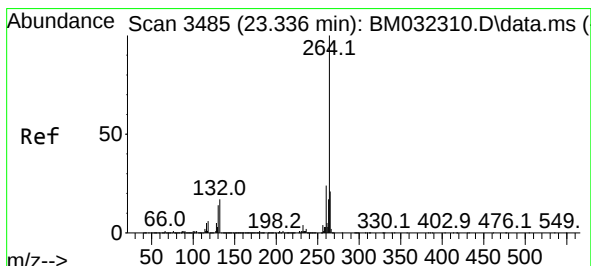
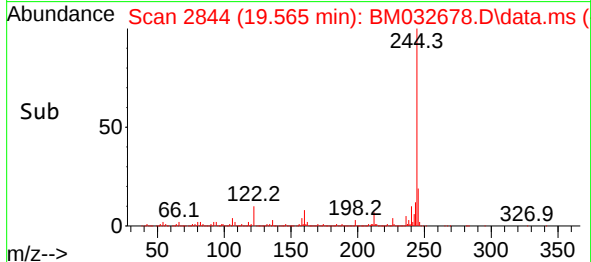
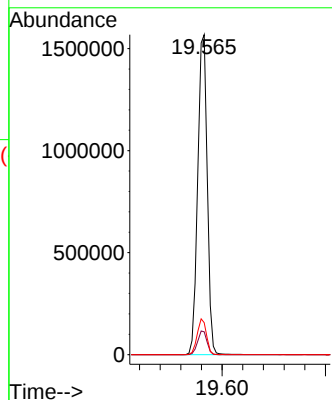
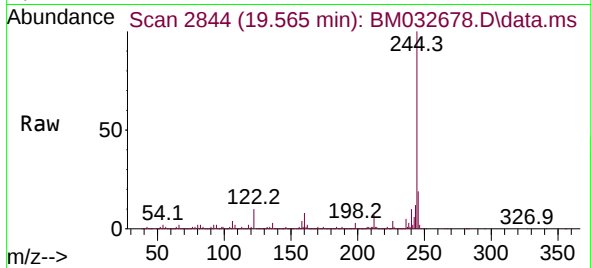




#79
Terphenyl-d14
Concen: 61.330 ng
RT: 19.565 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BM032678.D
Acq: 22 Oct 2021 16:44

Instrument :
BNA_M
ClientSampleId :
MH-D-D

Tgt Ion:244 Resp: 2003642
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 10.0 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.253 min Scan# 3471
Delta R.T. 0.000 min
Lab File: BM032678.D
Acq: 22 Oct 2021 16:44

Tgt Ion:264 Resp: 706072
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 22.0 18.3 27.5

