

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
 Data File : BM032679.D
 Acq On : 22 Oct 2021 17:20
 Operator : CG/JU
 Sample : M4316-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-2A-ID

Quant Time: Oct 23 01:00:52 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	7.542	152	241940	20.000	ng	0.00
21) Naphthalene-d8	10.330	136	960728	20.000	ng	# 0.00
39) Acenaphthene-d10	14.201	164	553815	20.000	ng	0.00
64) Phenanthrene-d10	16.936	188	975077	20.000	ng	# 0.00
76) Chrysene-d12	21.112	240	733002	20.000	ng	0.00
86) Perylene-d12	23.247	264	751044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.131	112	1240341	86.379	ng	0.00
7) Phenol-d6	6.748	99	1570806	79.994	ng	0.00
23) Nitrobenzene-d5	8.695	82	957266	55.417	ng	0.00
42) 2,4,6-Tribromophenol	15.695	330	430689	69.467	ng	0.00
45) 2-Fluorobiphenyl	12.818	172	1809580	48.582	ng	0.00
79) Terphenyl-d14	19.559	244	1817469	52.219	ng	0.00

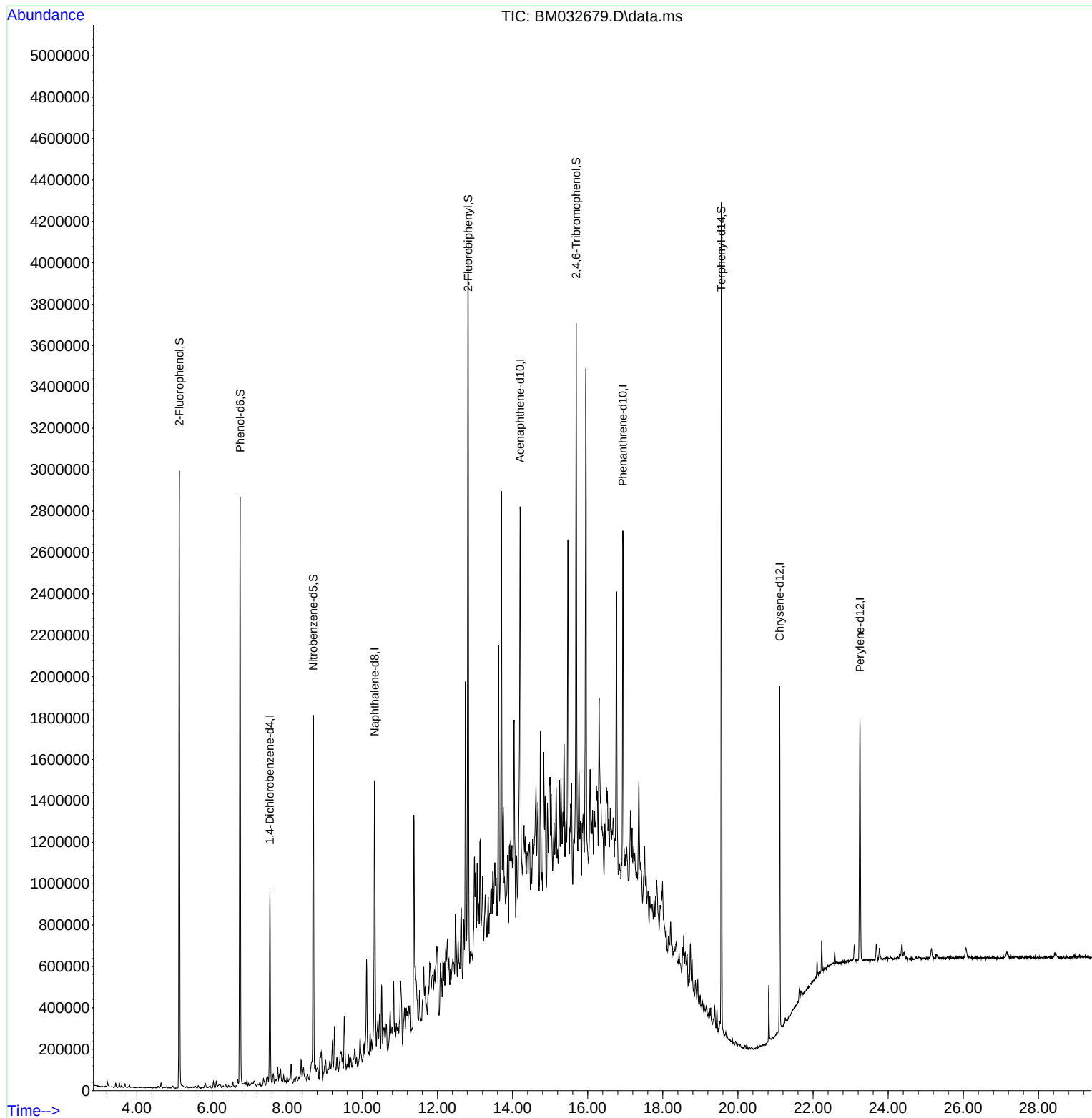
Target Compounds	Qvalue

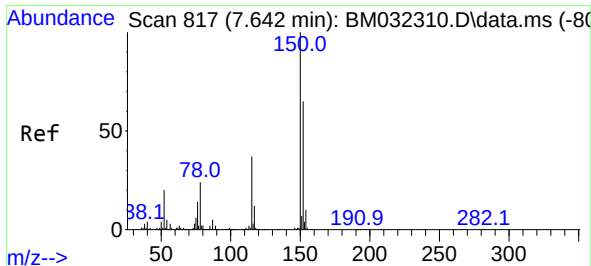
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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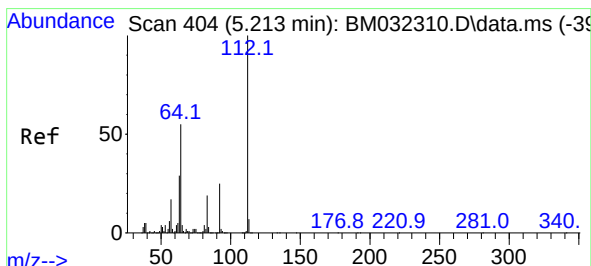
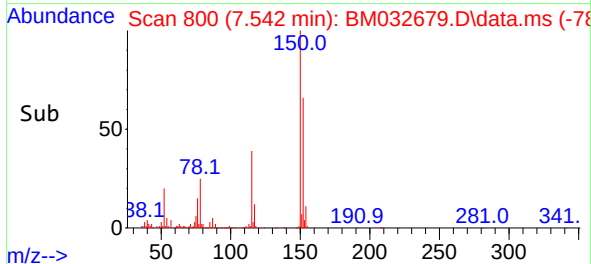
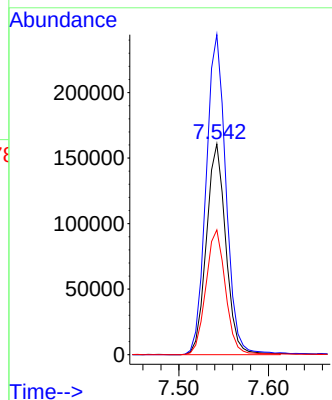
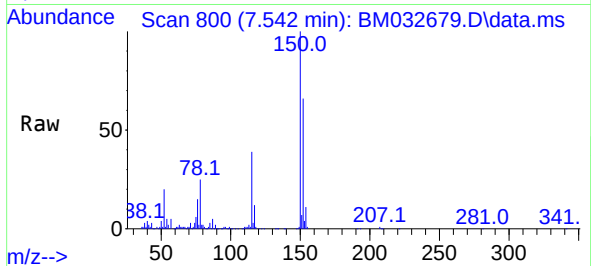




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.542 min Scan# 800
Delta R.T. 0.000 min
Lab File: BM032679.D
Acq: 22 Oct 2021 17:20

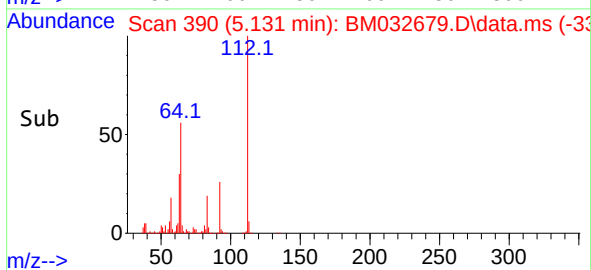
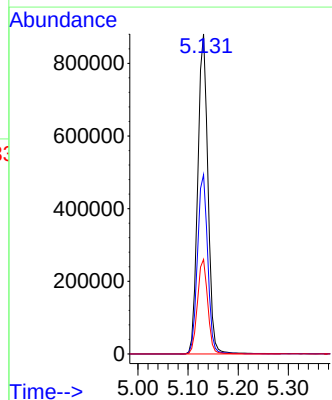
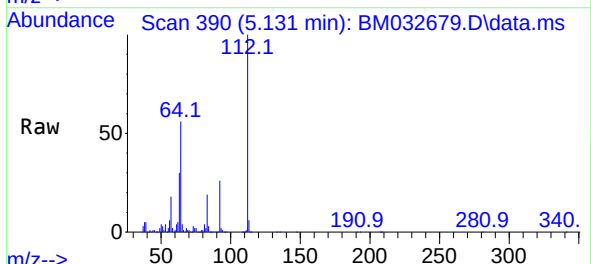
Instrument :
BNA_M
ClientSampleId :
WC-2A-ID

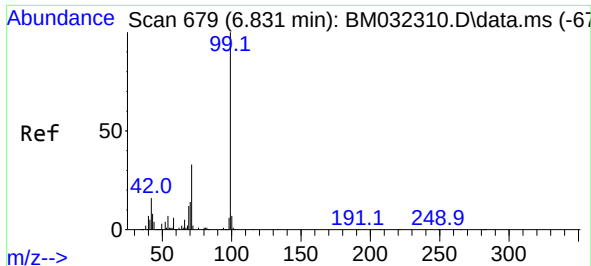
Tgt Ion:152 Resp: 241940
Ion Ratio Lower Upper
152 100
150 151.9 122.4 183.6
115 59.2 53.8 80.8



#5
2-Fluorophenol
Concen: 86.379 ng
RT: 5.131 min Scan# 390
Delta R.T. 0.006 min
Lab File: BM032679.D
Acq: 22 Oct 2021 17:20

Tgt Ion:112 Resp: 1240341
Ion Ratio Lower Upper
112 100
64 56.0 53.7 80.5
63 29.6 33.9 50.9#

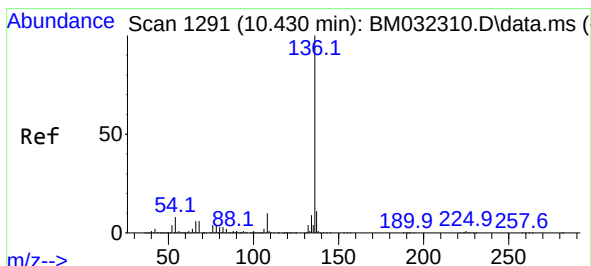
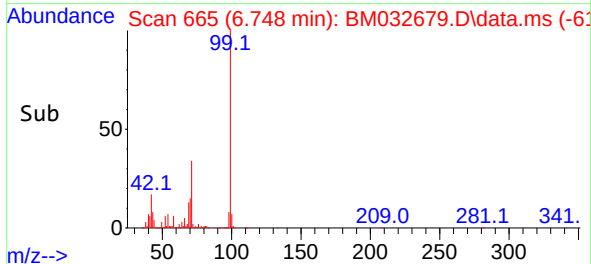
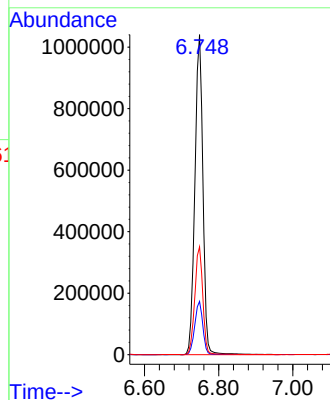
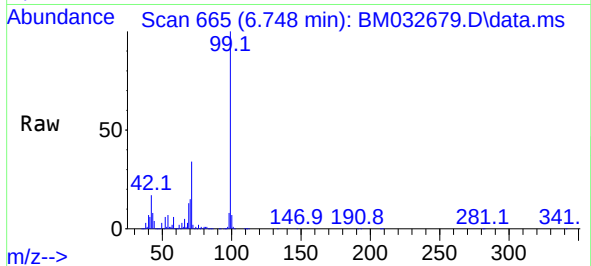




#7
Phenol-d6
Concen: 79.994 ng
RT: 6.748 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM032679.D
Acq: 22 Oct 2021 17:20

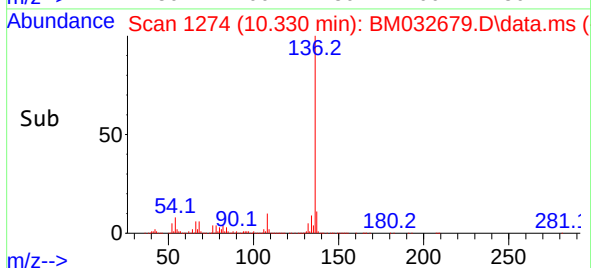
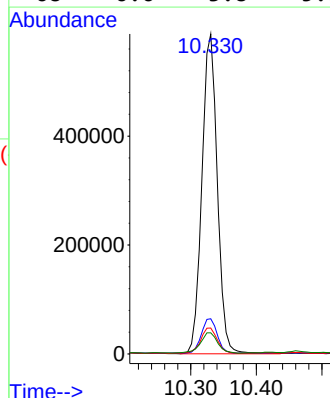
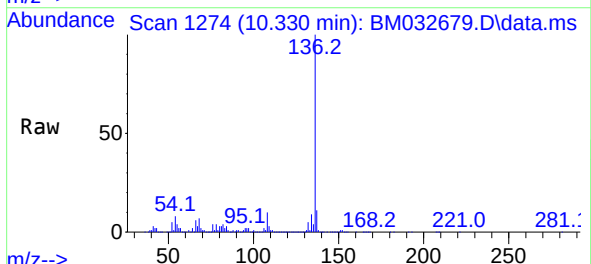
Instrument :
BNA_M
ClientSampleId :
WC-2A-ID

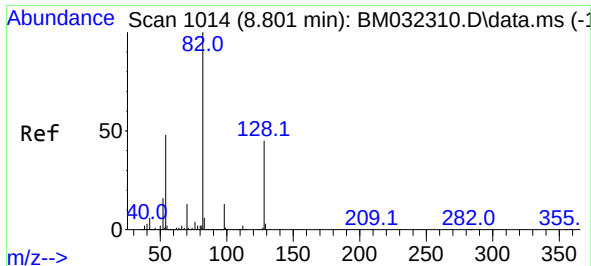
Tgt Ion: 99 Resp: 1570806
Ion Ratio Lower Upper
99 100
42 16.6 23.0 34.6#
71 33.7 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.330 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BM032679.D
Acq: 22 Oct 2021 17:20

Tgt Ion: 136 Resp: 960728
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.1 7.4 11.0
68 6.6 3.8 5.8#

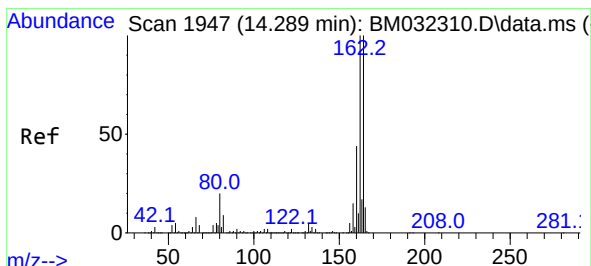
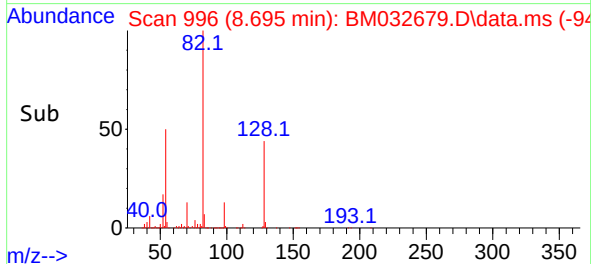
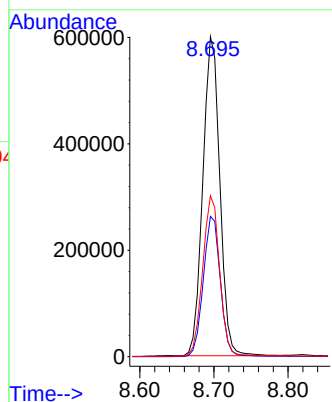
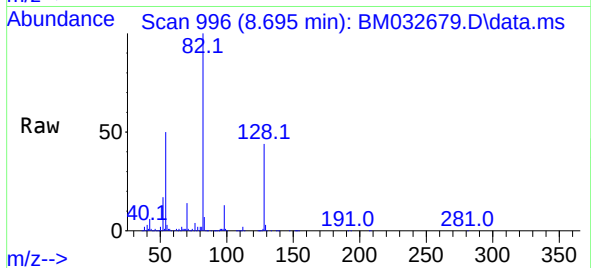




#23
Nitrobenzene-d5
Concen: 55.417 ng
RT: 8.695 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM032679.D
Acq: 22 Oct 2021 17:20

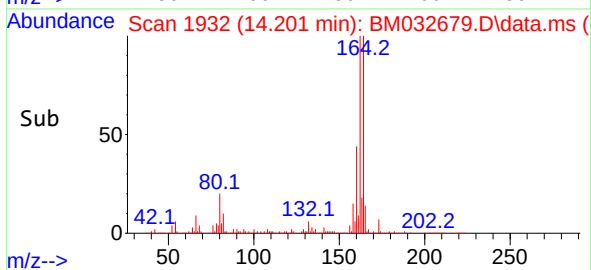
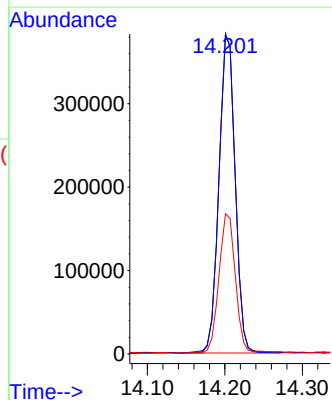
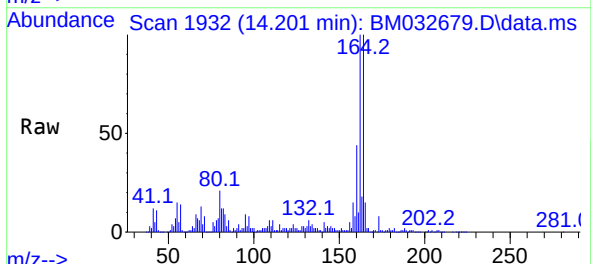
Instrument :
BNA_M
ClientSampleId :
WC-2A-ID

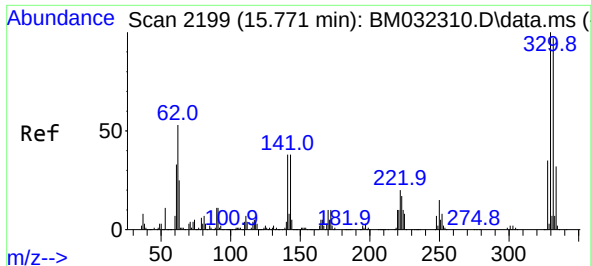
Tgt Ion: 82 Resp: 957266
Ion Ratio Lower Upper
82 100
128 43.8 29.0 43.6#
54 50.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM032679.D
Acq: 22 Oct 2021 17:20

Tgt Ion:164 Resp: 553815
Ion Ratio Lower Upper
164 100
162 99.9 80.6 121.0
160 43.8 35.1 52.7

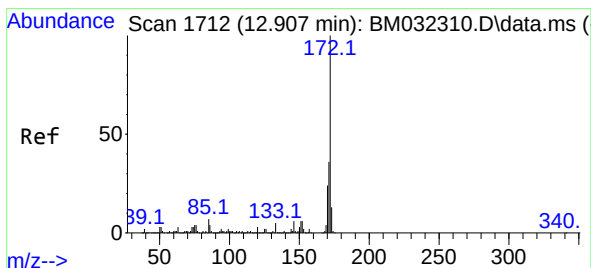
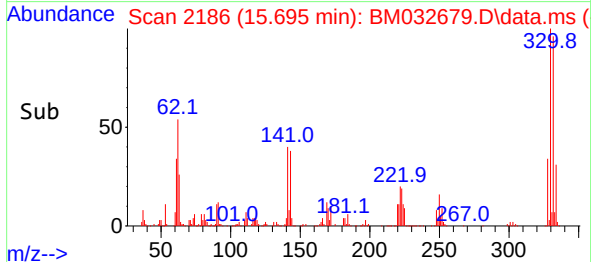
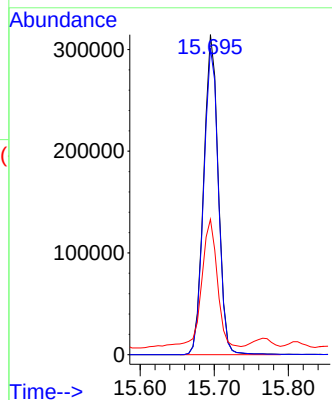
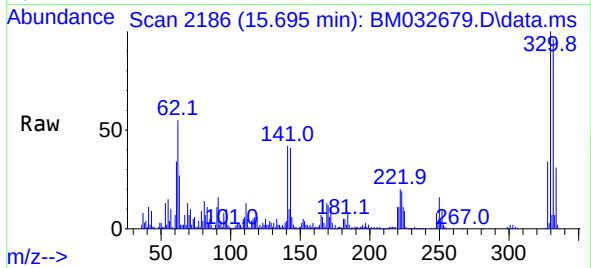




#42
2,4,6-Tribromophenol
Concen: 69.467 ng
RT: 15.695 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BM032679.D
Acq: 22 Oct 2021 17:20

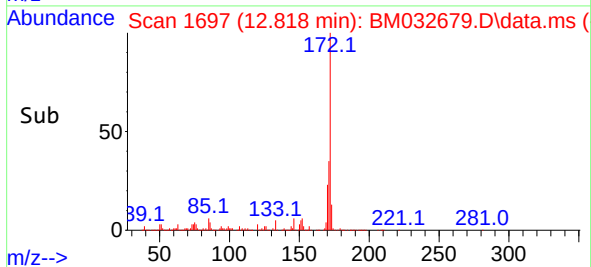
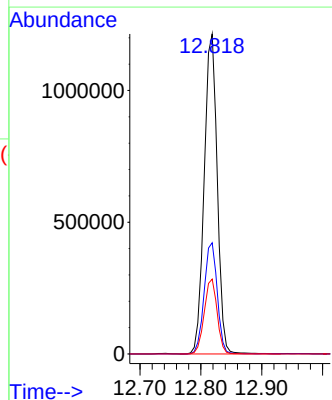
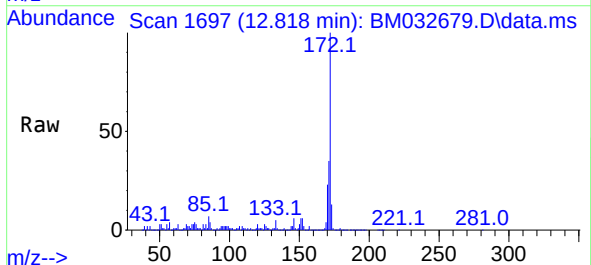
Instrument :
BNA_M
ClientSampleId :
WC-2A-ID

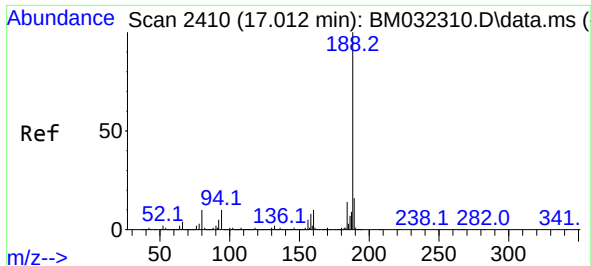
Tgt Ion:330 Resp: 430689
Ion Ratio Lower Upper
330 100
332 96.7 75.7 113.5
141 44.5 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 48.582 ng
RT: 12.818 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BM032679.D
Acq: 22 Oct 2021 17:20

Tgt Ion:172 Resp: 1809580
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.4 18.6 27.8

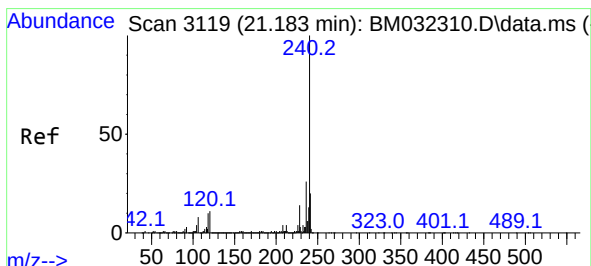
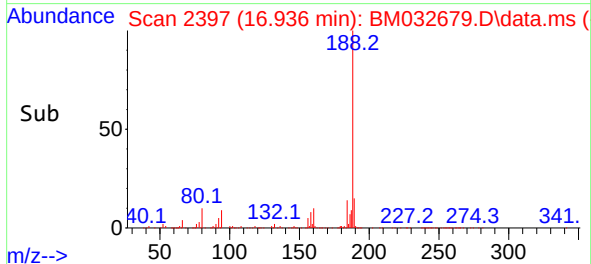
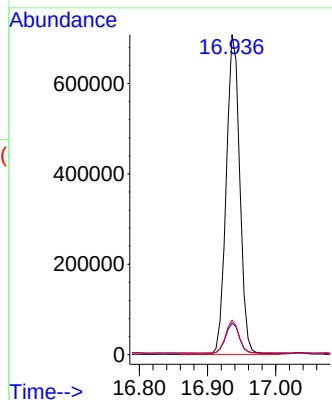
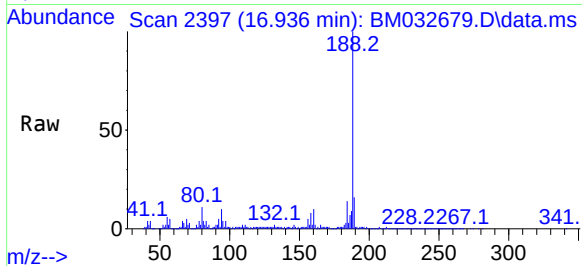




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.936 min Scan# 2397
Delta R.T. -0.000 min
Lab File: BM032679.D
Acq: 22 Oct 2021 17:20

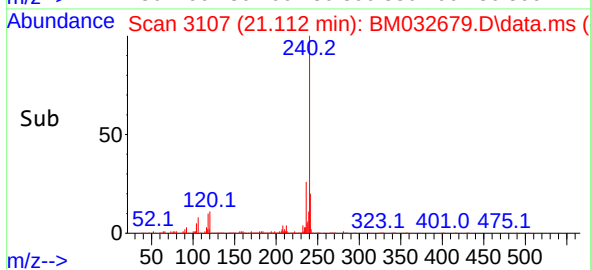
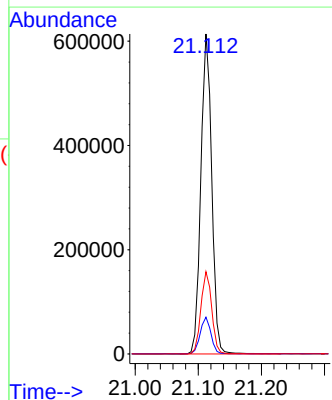
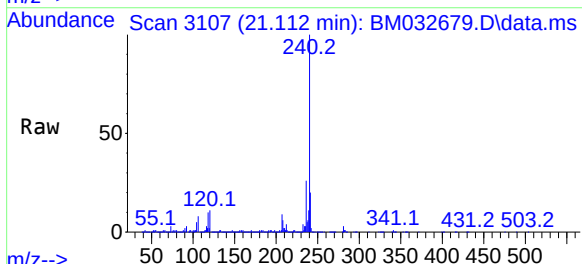
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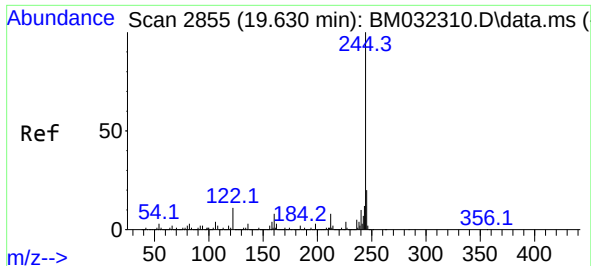
Tgt Ion:188 Resp: 975077
Ion Ratio Lower Upper
188 100
94 9.9 6.3 9.5#
80 10.7 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.112 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM032679.D
Acq: 22 Oct 2021 17:20

Tgt Ion:240 Resp: 733002
Ion Ratio Lower Upper
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120 11.5 7.8 11.6
236 25.7 20.9 31.3

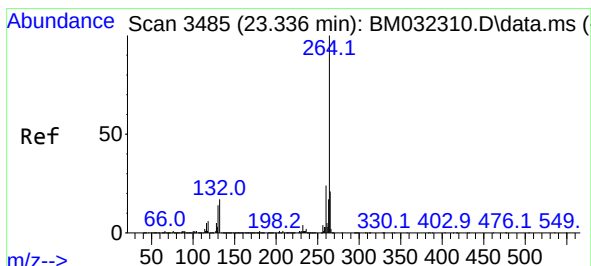
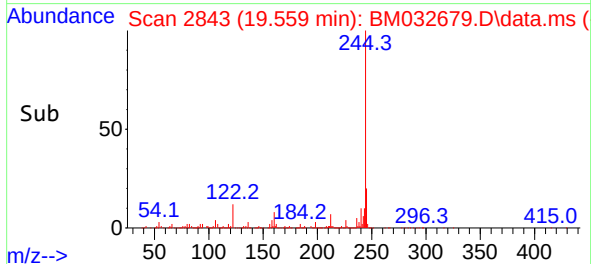
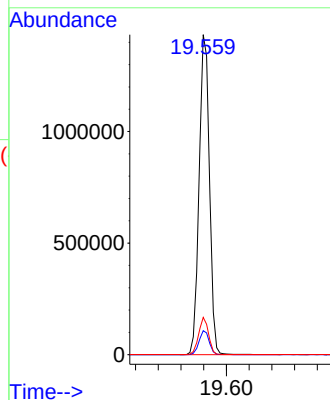
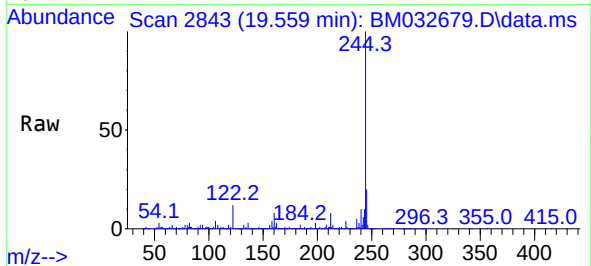




#79
 Terphenyl-d14
 Concen: 52.219 ng
 RT: 19.559 min Scan# 2843
 Delta R.T. -0.006 min
 Lab File: BM032679.D
 Acq: 22 Oct 2021 17:20

Instrument :
 BNA_M
 ClientSampleId :
 WC-2A-ID

Tgt Ion:244 Resp: 1817469
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 11.7 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.247 min Scan# 3470
 Delta R.T. -0.006 min
 Lab File: BM032679.D
 Acq: 22 Oct 2021 17:20

Tgt Ion:264 Resp: 751044
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.6 18.3 27.5

