

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
 Data File : BM041219.D
 Acq On : 01 Aug 2023 11:35
 Operator : MA/JU
 Sample : 03846-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SER-59AL4852

Quant Time: Aug 01 13:25:12 2023
 Quant Title :
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

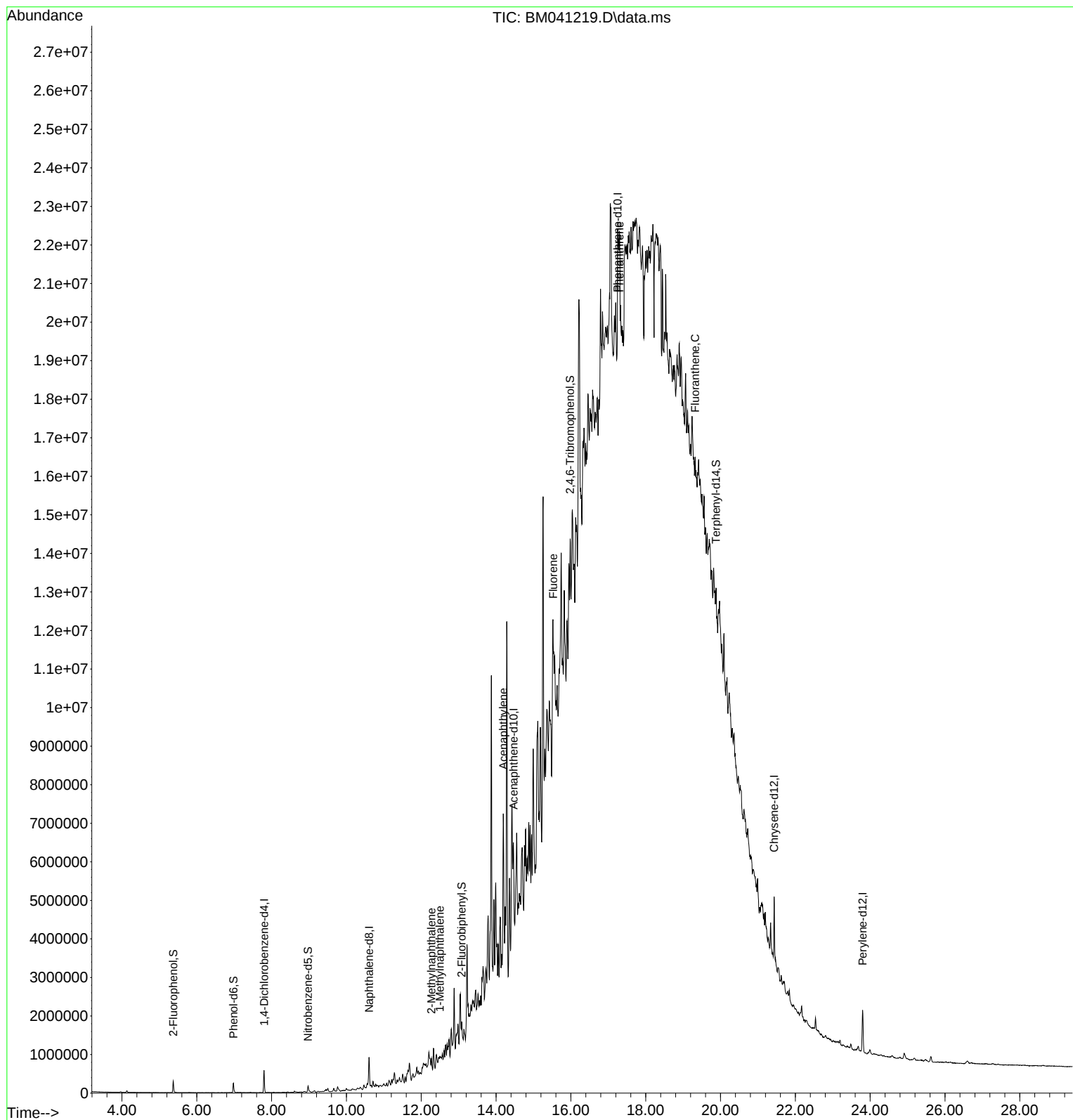
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	150785	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	567417	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	298372	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	508272	20.000	ng	# 0.03
76) Chrysene-d12	21.433	240	686445	20.000	ng	0.00
86) Perylene-d12	23.797	264	808006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	129159	12.802	ng	0.00
7) Phenol-d6	6.981	99	153969	11.774	ng	0.00
23) Nitrobenzene-d5	8.975	82	94148	7.716	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	57160	13.544	ng	0.02
45) 2-Fluorobiphenyl	13.080	172	213092	9.022	ng	0.00
79) Terphenyl-d14	19.880	244	317412	8.360	ng	0.02
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.275	142	114982	5.539	ng	96
38) 1-Methylnaphthalene	12.498	142	87333	4.495	ng	# 99
49) Acenaphthylene	14.192	152	101495	3.482	ng	# 1
58) Fluorene	15.527	166	113882	5.038	ng	# 39
71) Phenanthrene	17.298	178	909373	32.202	ng	# 81
75) Fluoranthene	19.321	202	94698	2.985	ng	# 15

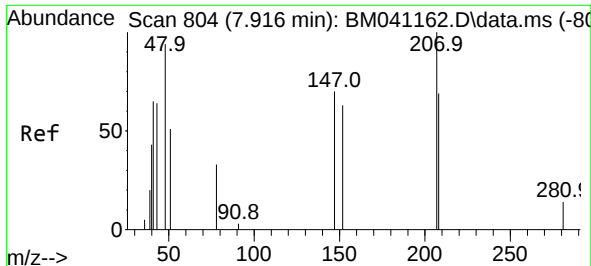
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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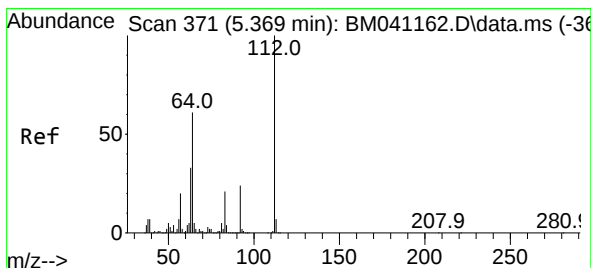
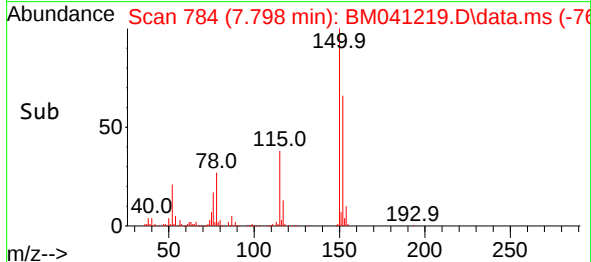
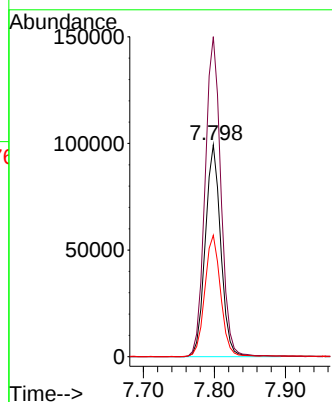
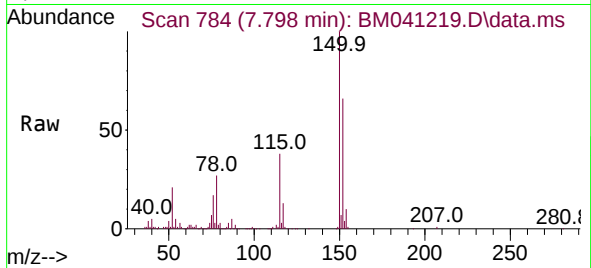




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041219.D
Acq: 01 Aug 2023 11:35

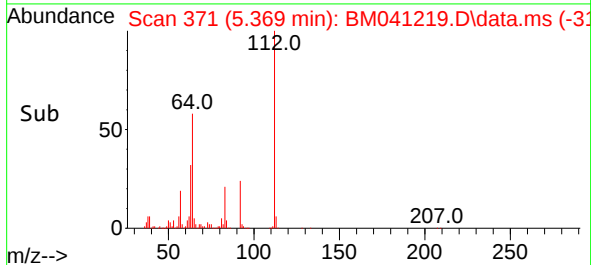
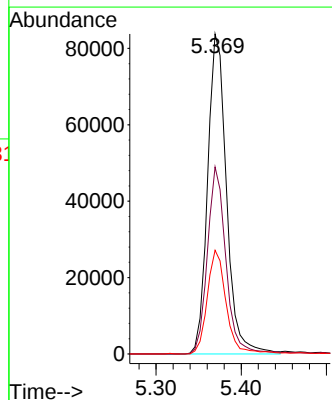
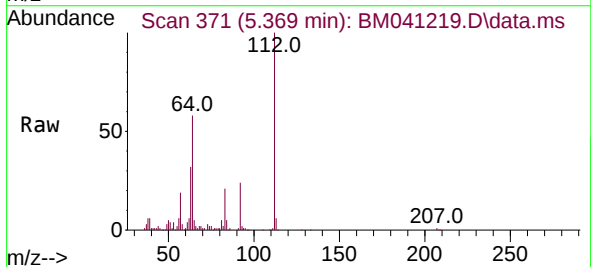
Instrument :
BNA_M
ClientSampleId :
SER-59AL4852

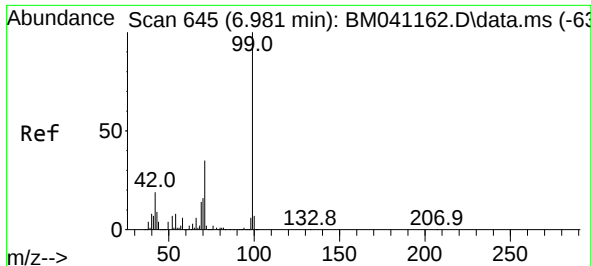
Tgt Ion:152 Resp: 150785
Ion Ratio Lower Upper
152 100
150 151.0 125.5 188.3
115 57.3 48.0 72.0



#5
2-Fluorophenol
Concen: 12.802 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041219.D
Acq: 01 Aug 2023 11:35

Tgt Ion:112 Resp: 129159
Ion Ratio Lower Upper
112 100
64 58.5 48.5 72.7
63 32.4 26.5 39.7

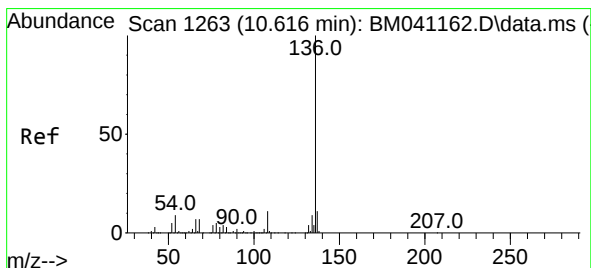
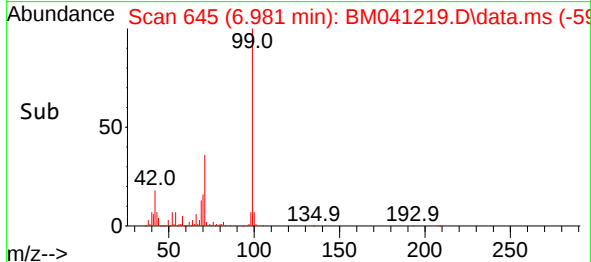
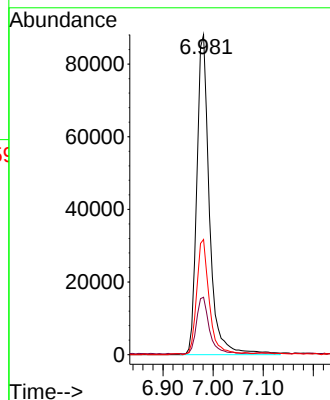
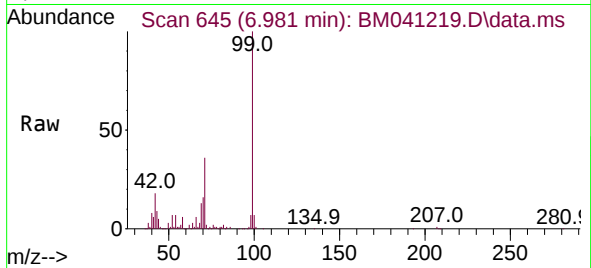




#7
Phenol-d6
Concen: 11.774 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041219.D
Acq: 01 Aug 2023 11:35

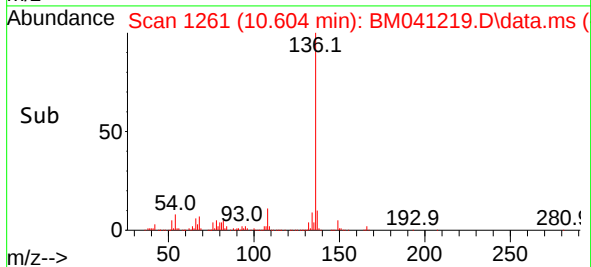
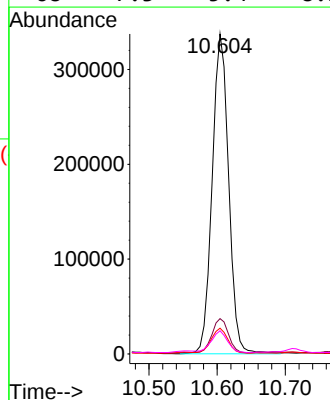
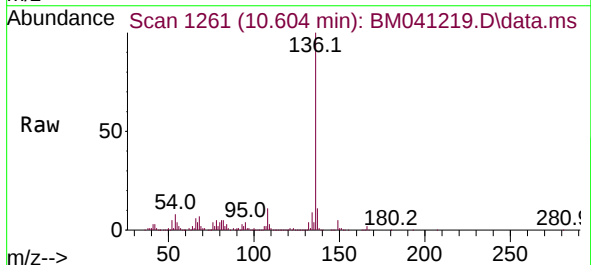
Instrument :
BNA_M
ClientSampleId :
SER-59AL4852

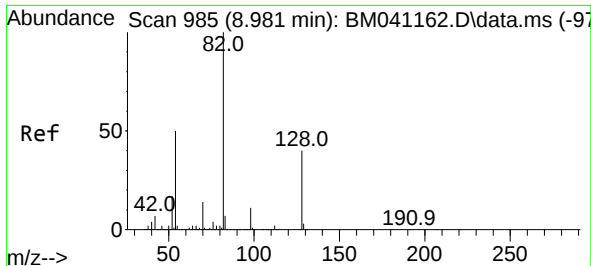
Tgt Ion: 99 Resp: 153969
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BM041219.D
Acq: 01 Aug 2023 11:35

Tgt Ion: 136 Resp: 567417
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 6.9 10.3
68 7.3 5.4 8.2

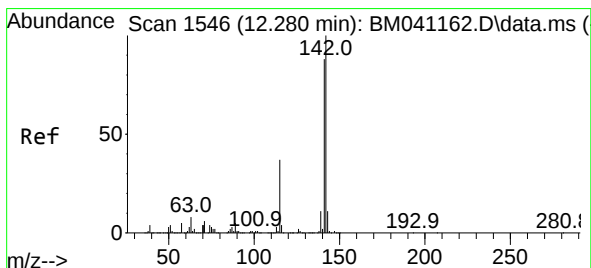
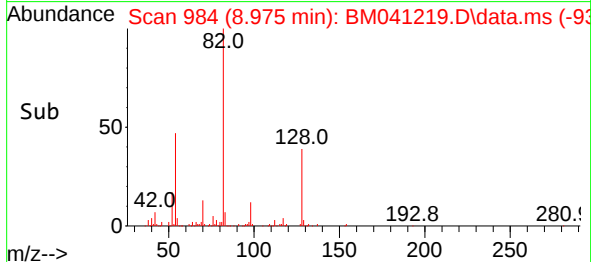
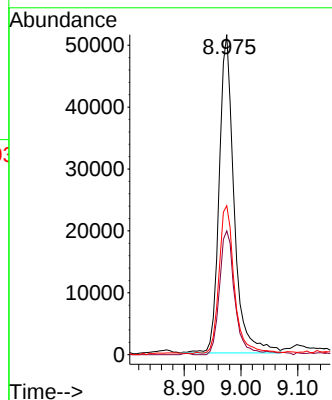
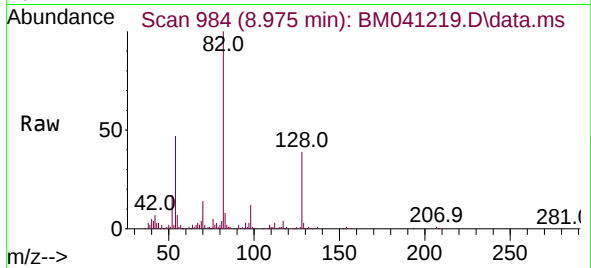




#23
Nitrobenzene-d5
Concen: 7.716 ng
RT: 8.975 min Scan# 984
Delta R.T. 0.000 min
Lab File: BM041219.D
Acq: 01 Aug 2023 11:35

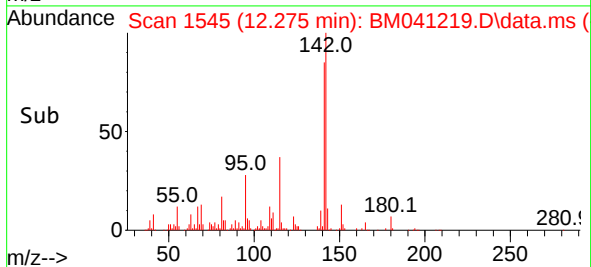
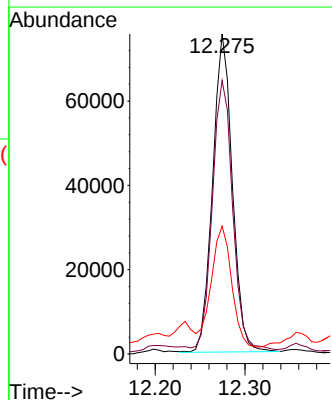
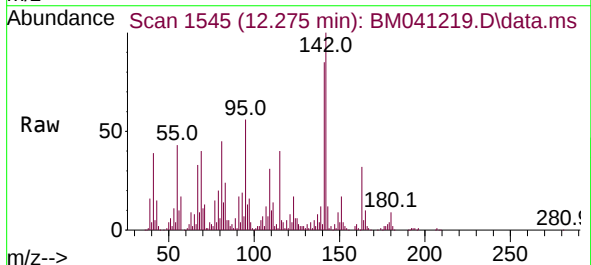
Instrument :
BNA_M
ClientSampleId :
SER-59AL4852

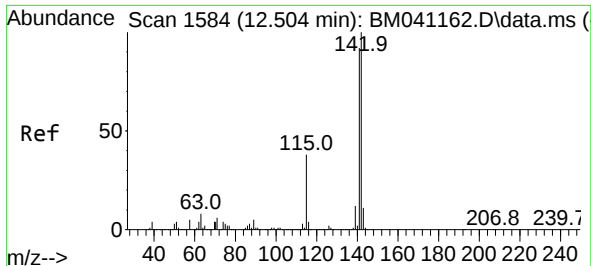
Tgt Ion: 82 Resp: 94148
Ion Ratio Lower Upper
82 100
128 38.7 31.8 47.6
54 46.6 40.1 60.1



#37
2-Methylnaphthalene
Concen: 5.539 ng
RT: 12.275 min Scan# 1545
Delta R.T. 0.000 min
Lab File: BM041219.D
Acq: 01 Aug 2023 11:35

Tgt Ion: 142 Resp: 114982
Ion Ratio Lower Upper
142 100
141 85.4 70.7 106.1
115 39.9 29.3 43.9

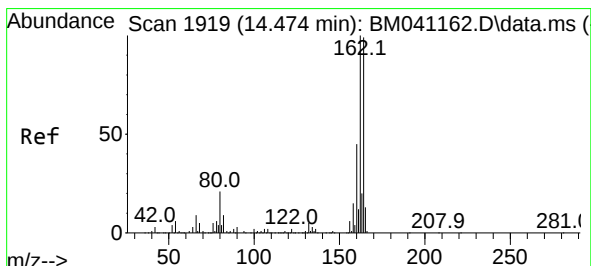
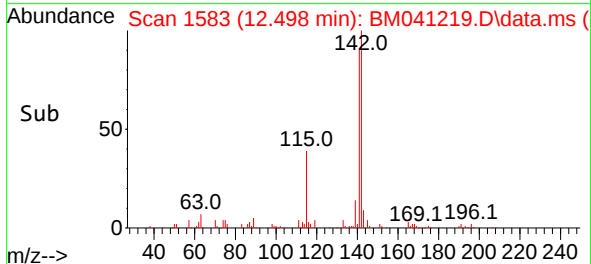
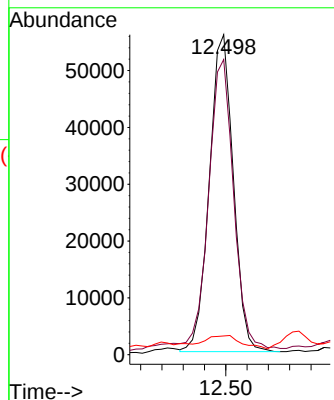
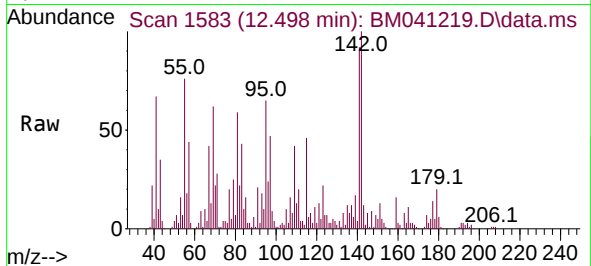




#38
1-Methylnaphthalene
Concen: 4.495 ng
RT: 12.498 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041219.D
Acq: 01 Aug 2023 11:35

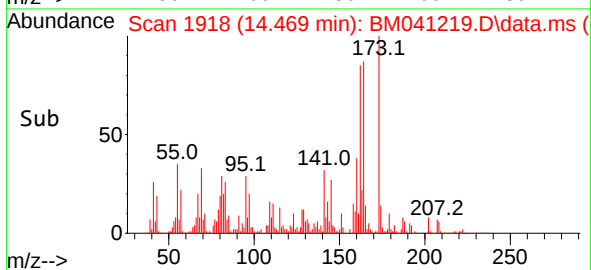
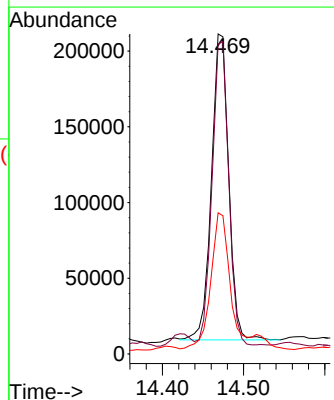
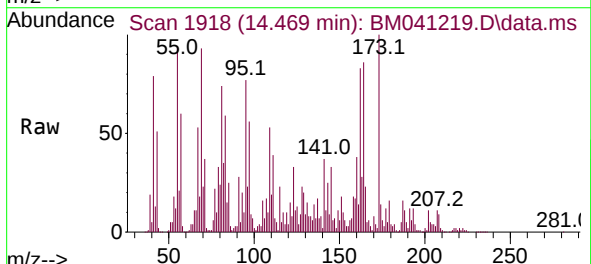
Instrument :
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ClientSampleId :
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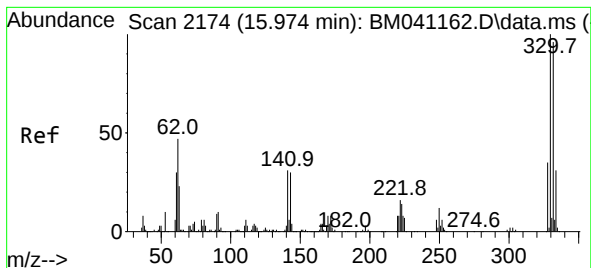
Tgt Ion:142 Resp: 87333
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.2
116 5.9 3.2 4.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1918
Delta R.T. 0.006 min
Lab File: BM041219.D
Acq: 01 Aug 2023 11:35

Tgt Ion:164 Resp: 298372
Ion Ratio Lower Upper
164 100
162 96.9 80.4 120.6
160 44.1 36.2 54.2

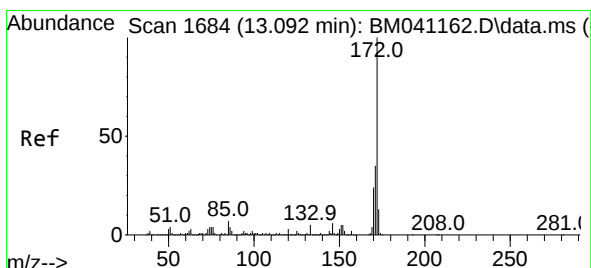
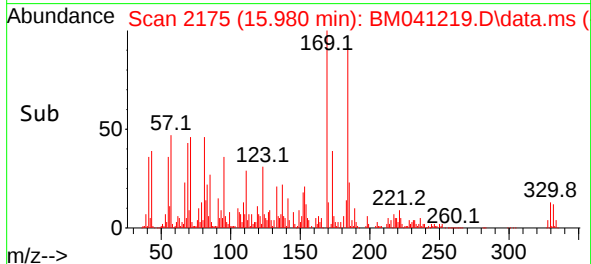
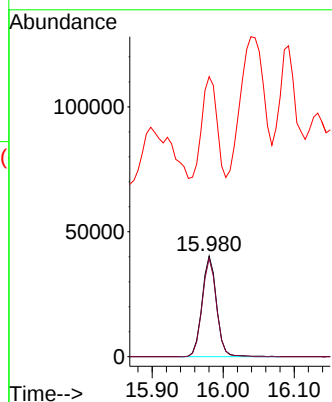
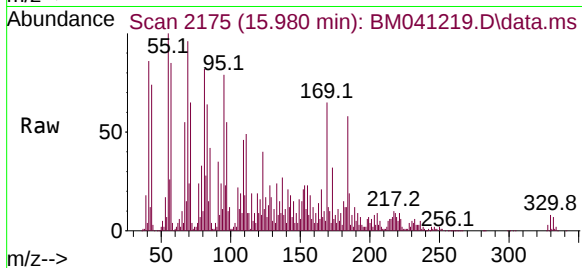




#42
2,4,6-Tribromophenol
Concen: 13.544 ng
RT: 15.980 min Scan# 2175
Delta R.T. 0.018 min
Lab File: BM041219.D
Acq: 01 Aug 2023 11:35

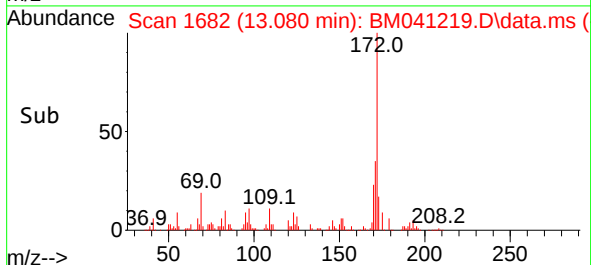
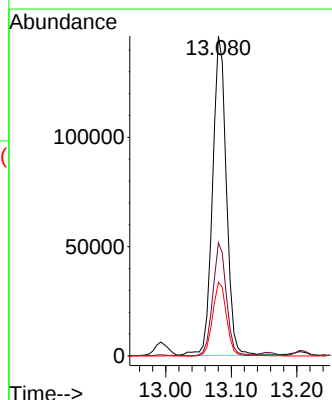
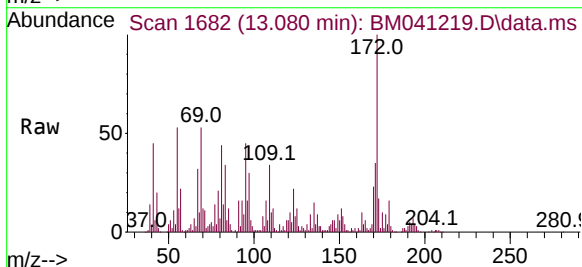
Instrument :
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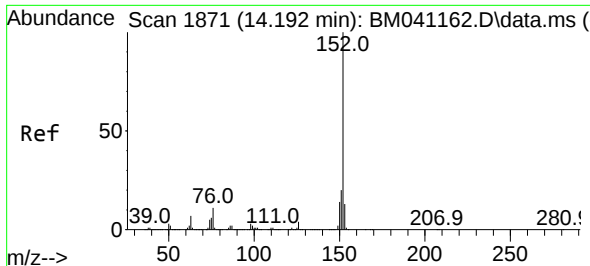
Tgt Ion:330 Resp: 57160
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 101.8 28.3 42.5#



#45
2-Fluorobiphenyl
Concen: 9.022 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM041219.D
Acq: 01 Aug 2023 11:35

Tgt Ion:172 Resp: 213092
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.0 18.9 28.3

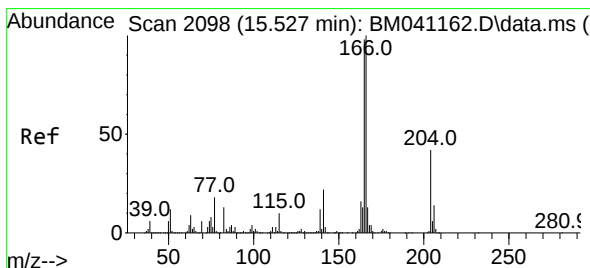
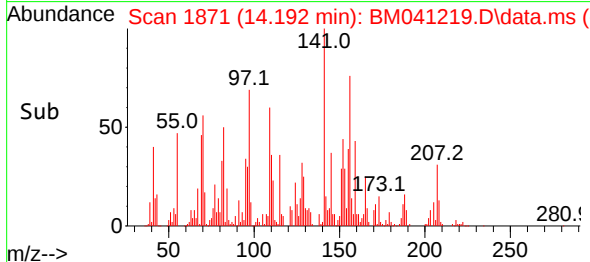
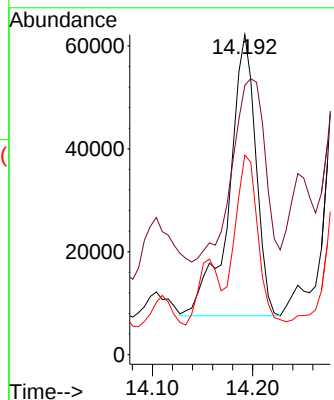
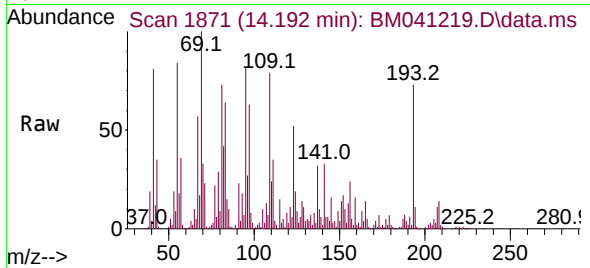




#49
Acenaphthylene
Concen: 3.482 ng
RT: 14.192 min Scan# 1871
Delta R.T. 0.006 min
Lab File: BM041219.D
Acq: 01 Aug 2023 11:35

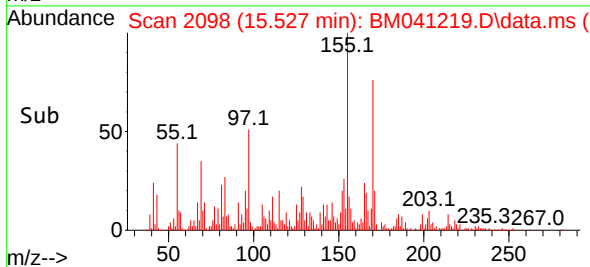
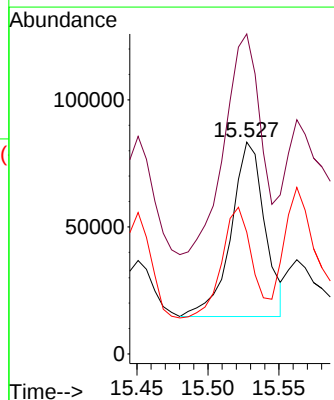
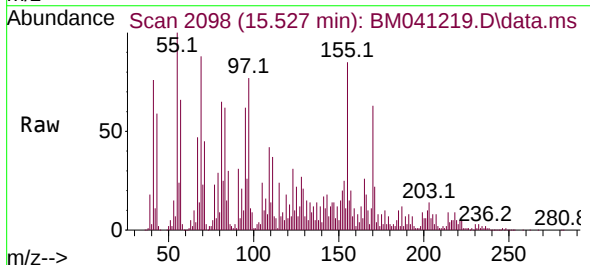
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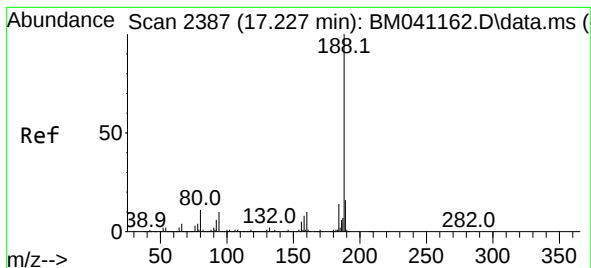
Tgt Ion:152 Resp: 101495
Ion Ratio Lower Upper
152 100
151 84.2 16.1 24.1#
153 62.4 10.5 15.7#



#58
Fluorene
Concen: 5.038 ng
RT: 15.527 min Scan# 2098
Delta R.T. 0.012 min
Lab File: BM041219.D
Acq: 01 Aug 2023 11:35

Tgt Ion:166 Resp: 113882
Ion Ratio Lower Upper
166 100
165 151.0 78.2 117.4#
167 57.4 10.6 16.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 21

Delta R.T. 0.029 min

Lab File: BM041219.D

Acq: 01 Aug 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SER-59AL4852

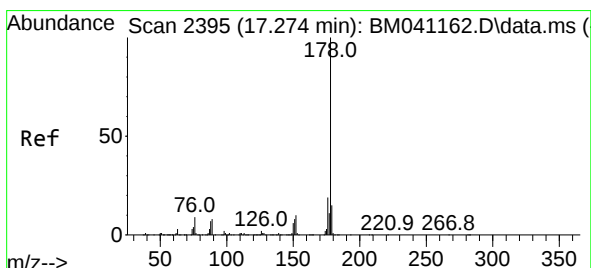
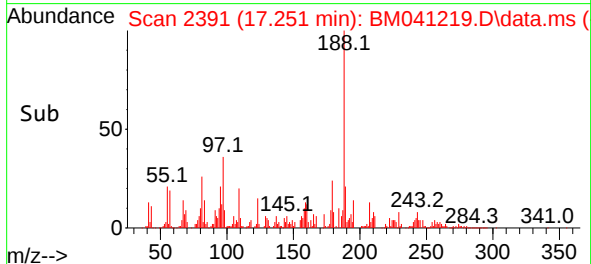
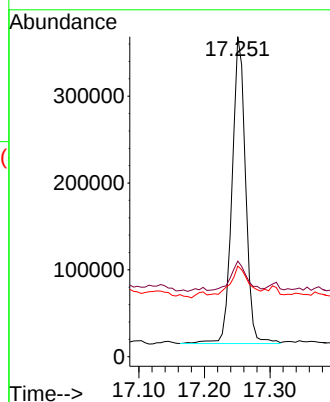
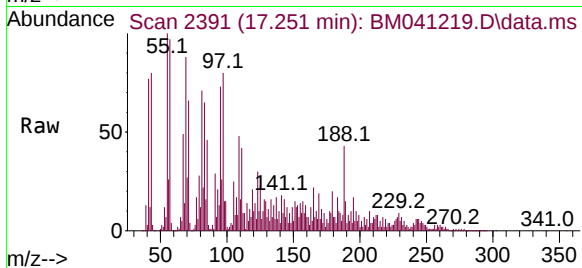
Tgt Ion:188 Resp: 508272

Ion Ratio Lower Upper

188 100

94 29.8 8.2 12.2#

80 28.3 8.6 13.0#



#71

Phenanthrene

Concen: 32.202 ng

RT: 17.298 min Scan# 2399

Delta R.T. 0.029 min

Lab File: BM041219.D

Acq: 01 Aug 2023 11:35

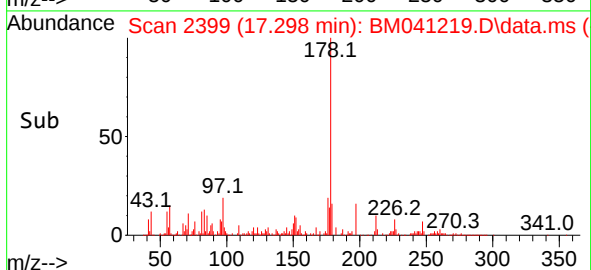
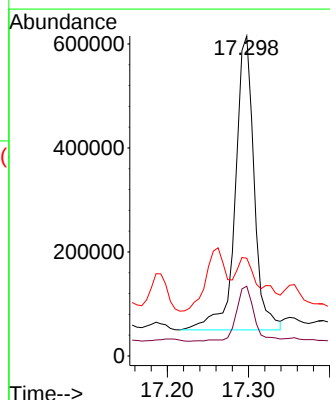
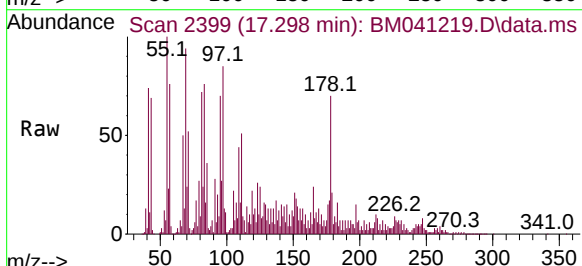
Tgt Ion:178 Resp: 909373

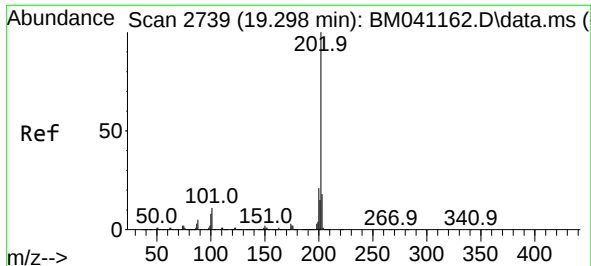
Ion Ratio Lower Upper

178 100

176 21.8 15.6 23.4

179 30.6 12.1 18.1#

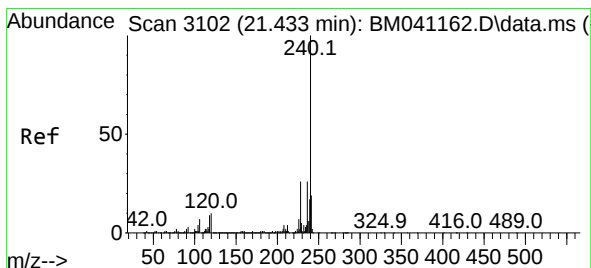
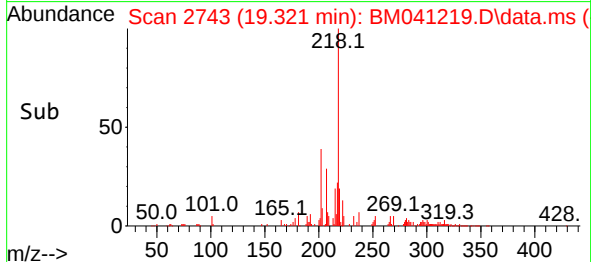
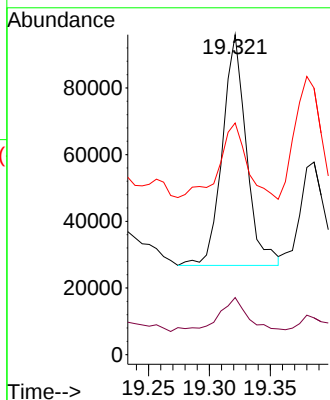
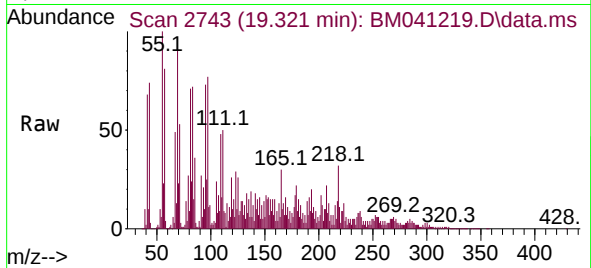




#75
Fluoranthene
Concen: 2.985 ng
RT: 19.321 min Scan# 21
Delta R.T. 0.029 min
Lab File: BM041219.D
Acq: 01 Aug 2023 11:35

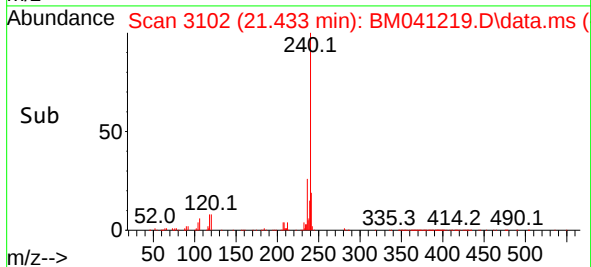
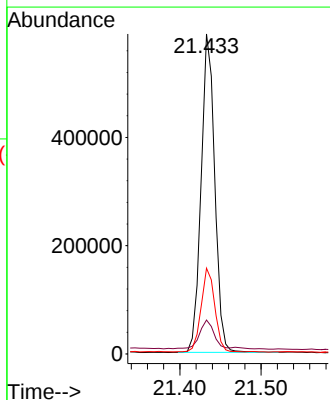
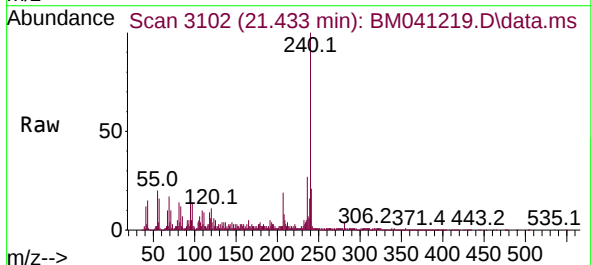
Instrument :
BNA_M
ClientSampleId :
SER-59AL4852

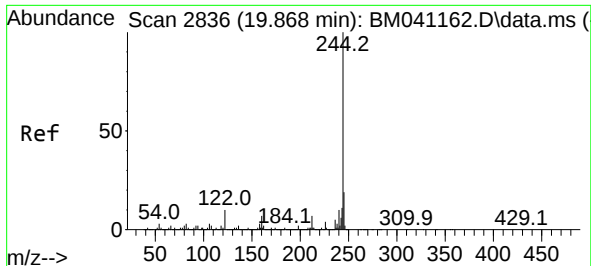
Tgt Ion:202 Resp: 94698
Ion Ratio Lower Upper
202 100
101 17.8 0.0 30.8
203 72.4 0.0 37.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BM041219.D
Acq: 01 Aug 2023 11:35

Tgt Ion:240 Resp: 686445
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 26.8 20.6 30.8

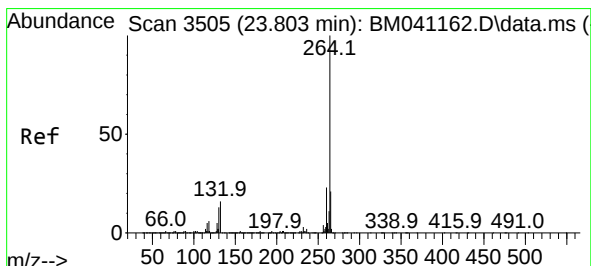
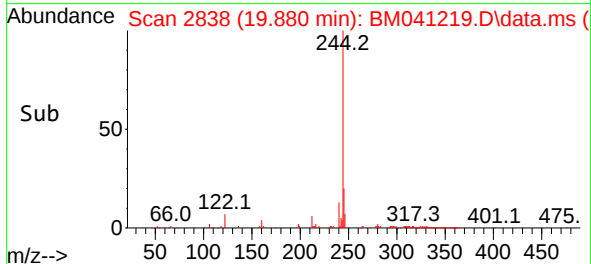
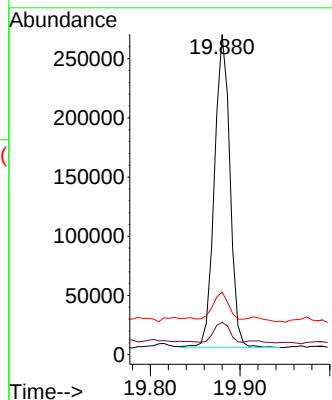
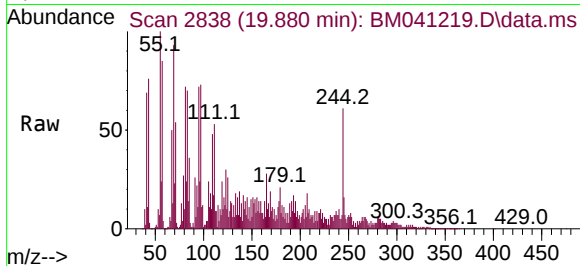




#79
 Terphenyl-d14
 Concen: 8.360 ng
 RT: 19.880 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BM041219.D
 Acq: 01 Aug 2023 11:35

Instrument :
 BNA_M
 ClientSampleId :
 SER-59AL4852

Tgt Ion:244 Resp: 317412
 Ion Ratio Lower Upper
 244 100
 212 10.1 5.4 8.2#
 122 19.6 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 3504
 Delta R.T. 0.000 min
 Lab File: BM041219.D
 Acq: 01 Aug 2023 11:35

Tgt Ion:264 Resp: 808006
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.5 27.7
 265 22.7 17.4 26.0

