

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080923\
Data File : BM041342.D
Acq On : 09 Aug 2023 16:38
Operator : MA/JU
Sample : PB154728BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB154728BL

Quant Time: Aug 09 17:40:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 12:20:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	133751	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	518164	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	305841	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	639747	20.000	ng	0.00
76) Chrysene-d12	21.415	240	506926	20.000	ng	0.00
86) Perylene-d12	23.786	264	541019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1234581	137.957	ng	0.00
7) Phenol-d6	6.963	99	1454831	125.415	ng	0.00
23) Nitrobenzene-d5	8.957	82	978807	87.847	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	634395	146.648	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2206625	91.143	ng	0.00
79) Terphenyl-d14	19.845	244	3178183	113.356	ng	0.00

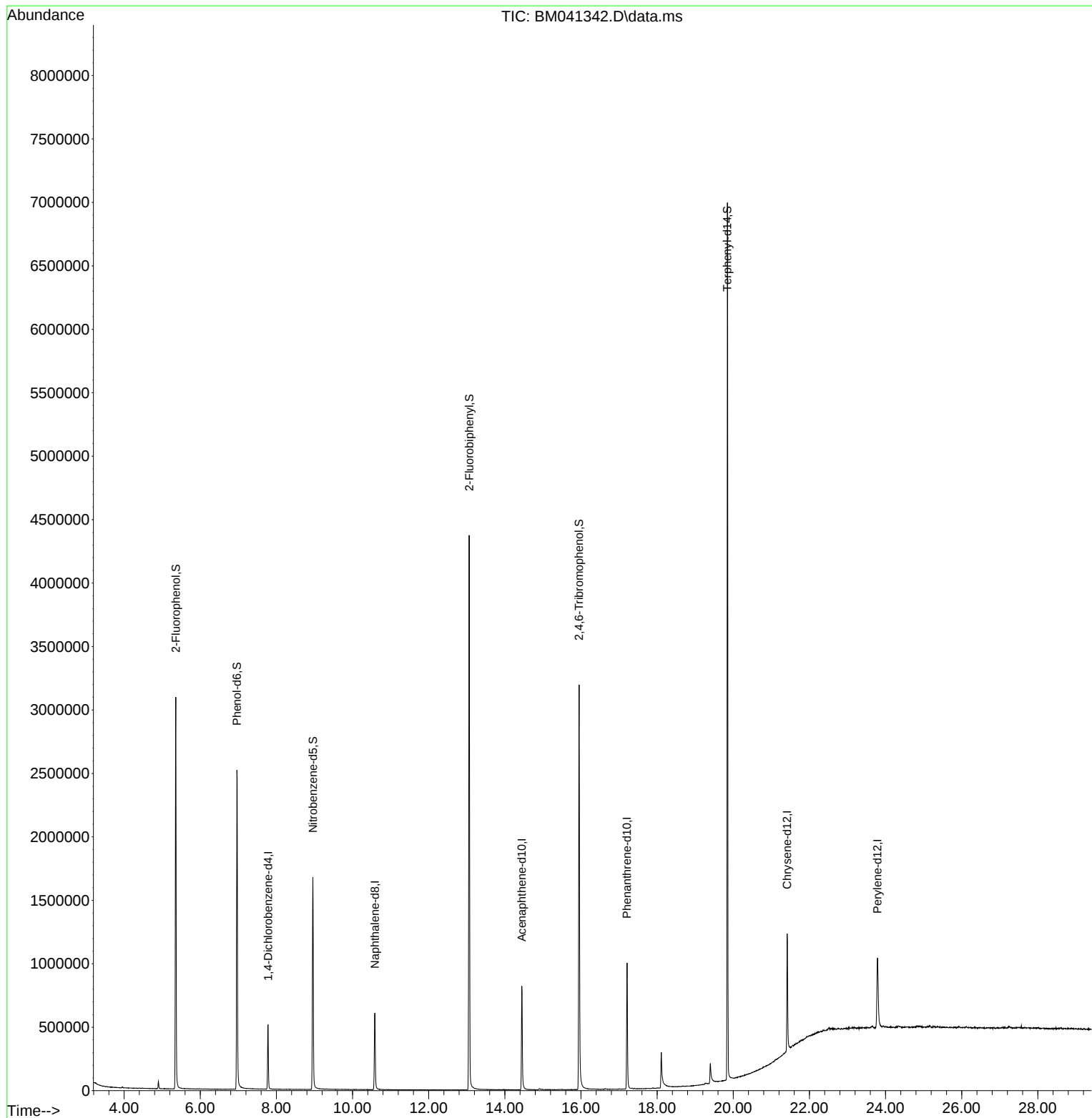
Target Compounds	Qvalue

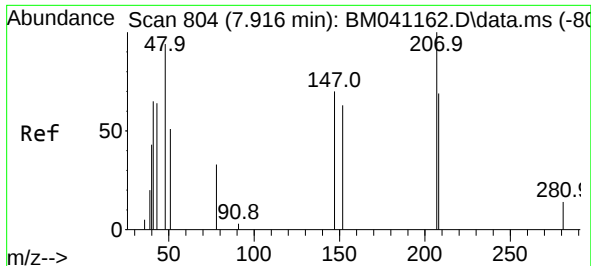
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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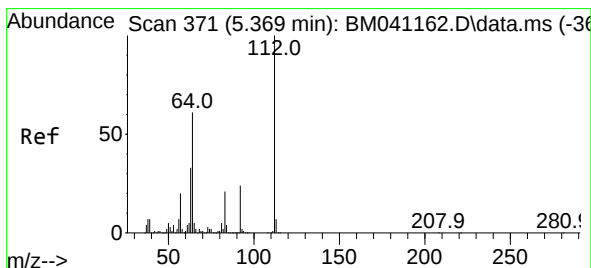
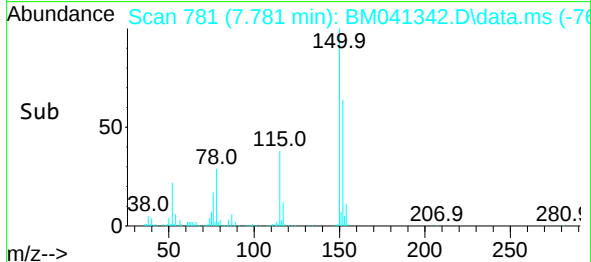
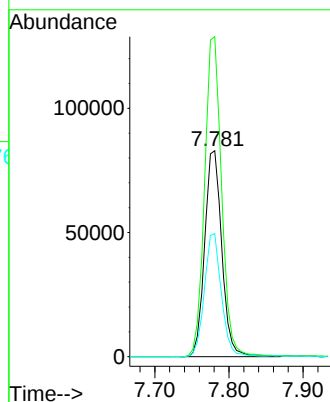
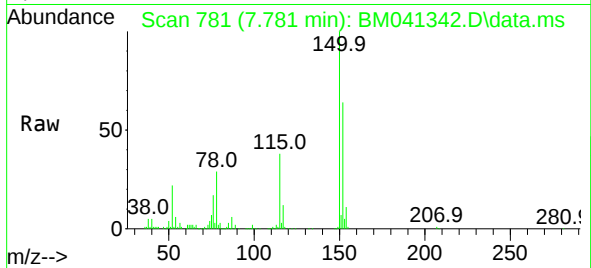




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM041342.D
Acq: 09 Aug 2023 16:38

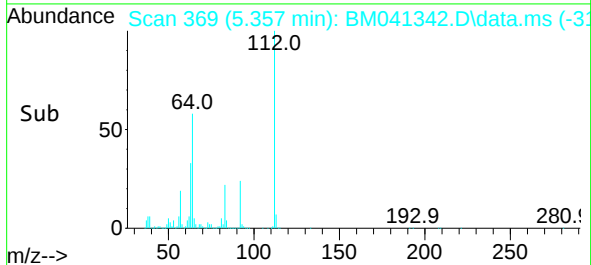
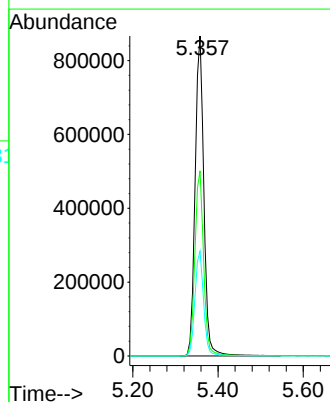
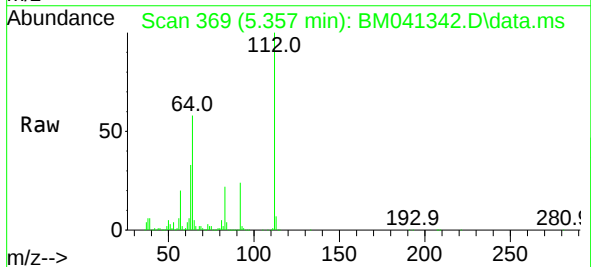
Instrument :
BNA_M
ClientSampleId :
PB154728BL

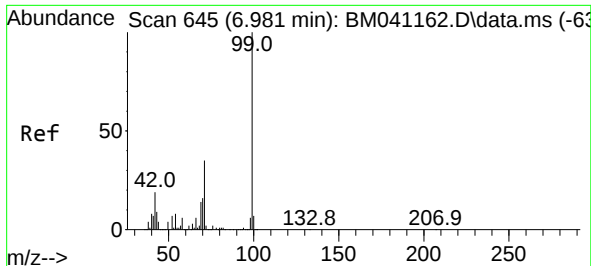
Tgt Ion:152 Resp: 133751
Ion Ratio Lower Upper
152 100
150 155.4 125.5 188.3
115 59.8 48.0 72.0



#5
2-Fluorophenol
Concen: 137.957 ng
RT: 5.357 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM041342.D
Acq: 09 Aug 2023 16:38

Tgt Ion:112 Resp: 1234581
Ion Ratio Lower Upper
112 100
64 57.8 48.5 72.7
63 32.7 26.5 39.7

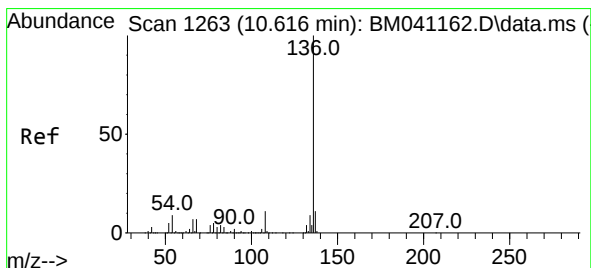
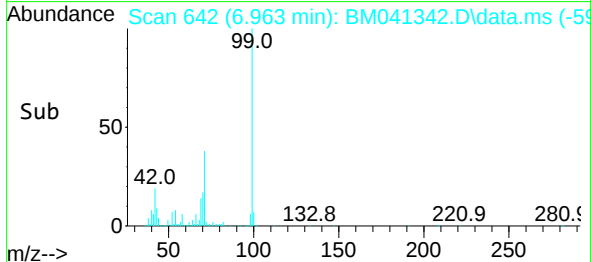
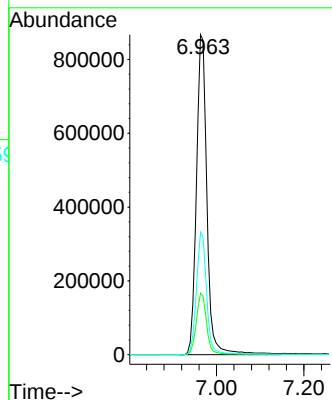
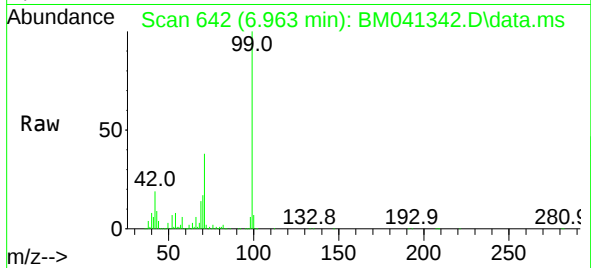




#7
Phenol-d6
Concen: 125.415 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041342.D
Acq: 09 Aug 2023 16:38

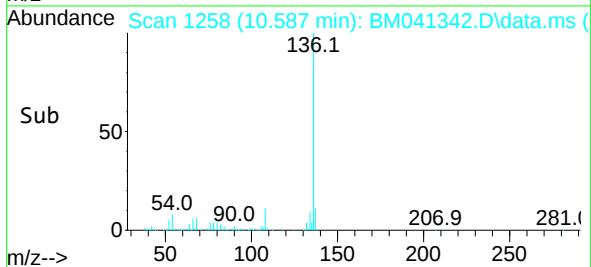
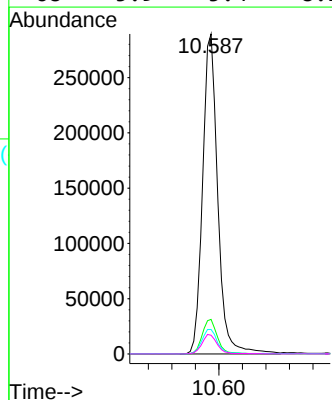
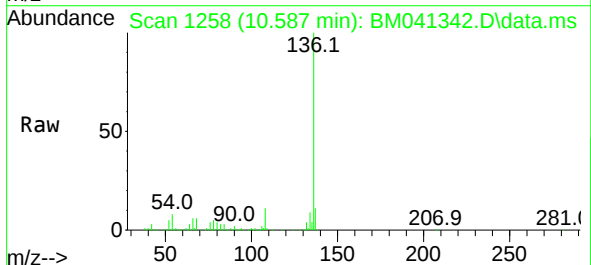
Instrument :
BNA_M
ClientSampleId :
PB154728BL

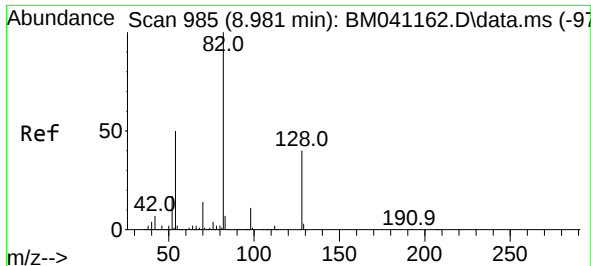
Tgt Ion: 99 Resp: 1454831
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 38.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BM041342.D
Acq: 09 Aug 2023 16:38

Tgt Ion:136 Resp: 518164
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.7 6.9 10.3
68 5.9 5.4 8.2

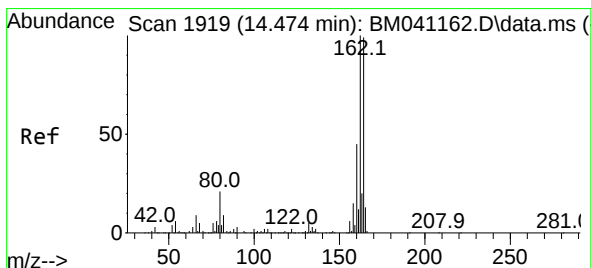
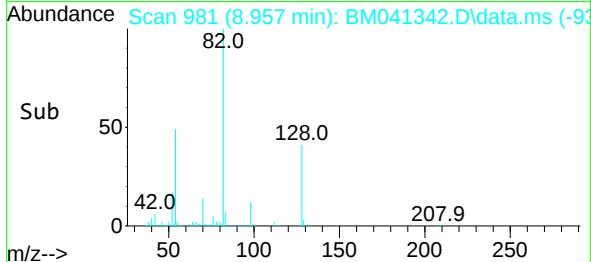
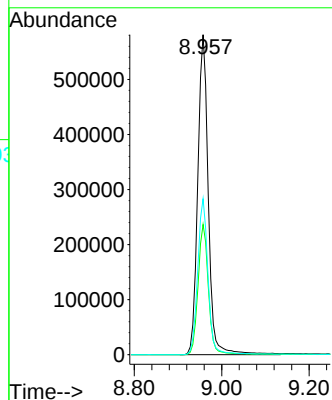
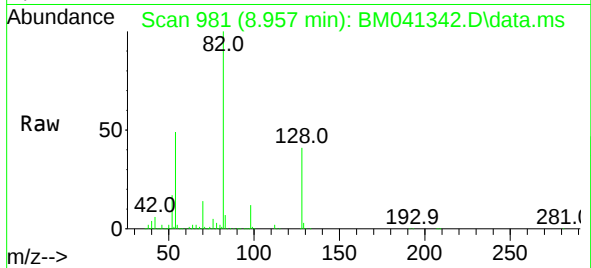




#23
 Nitrobenzene-d5
 Concen: 87.847 ng
 RT: 8.957 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BM041342.D
 Acq: 09 Aug 2023 16:38

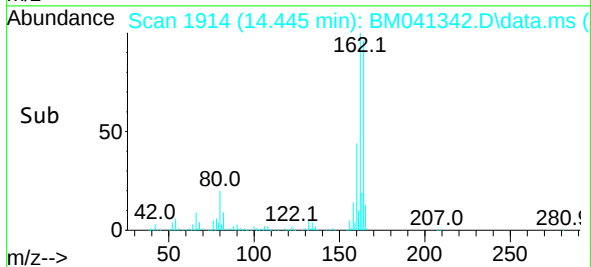
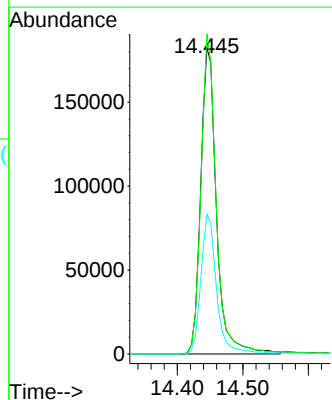
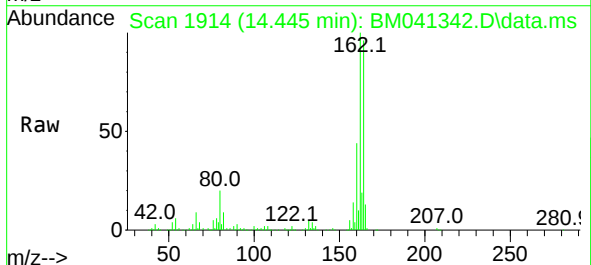
Instrument :
 BNA_M
 ClientSampleId :
 PB154728BL

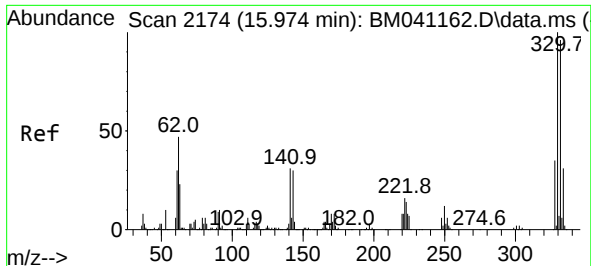
Tgt Ion: 82 Resp: 978807
 Ion Ratio Lower Upper
 82 100
 128 40.7 31.8 47.6
 54 48.7 40.1 60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.445 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: BM041342.D
 Acq: 09 Aug 2023 16:38

Tgt Ion: 164 Resp: 305841
 Ion Ratio Lower Upper
 164 100
 162 104.4 80.4 120.6
 160 45.5 36.2 54.2

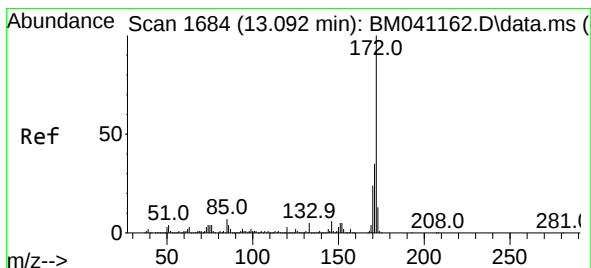
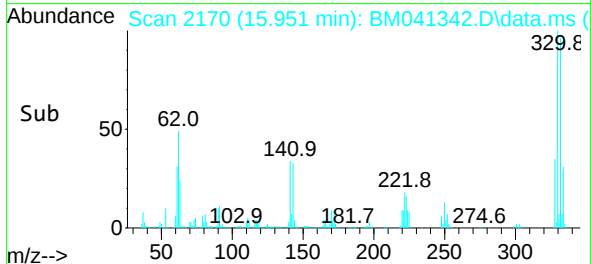
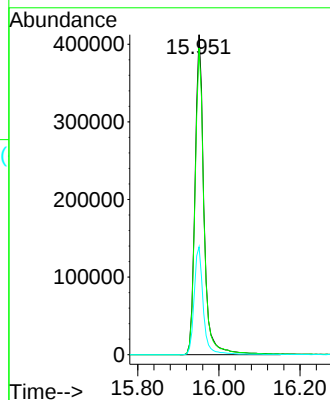
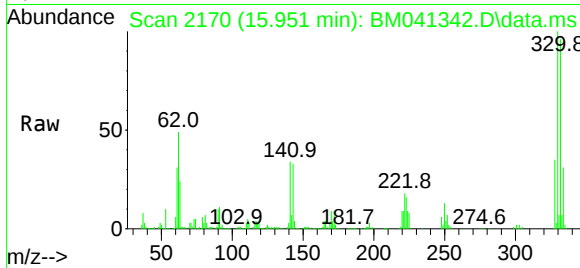




#42
2,4,6-Tribromophenol
Concen: 146.648 ng
RT: 15.951 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BM041342.D
Acq: 09 Aug 2023 16:38

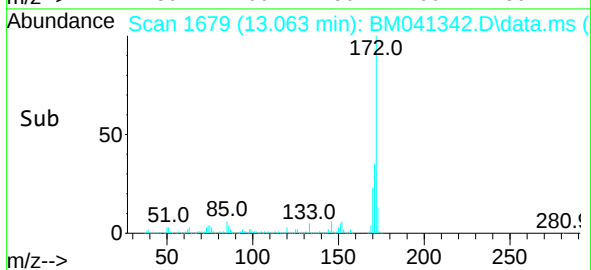
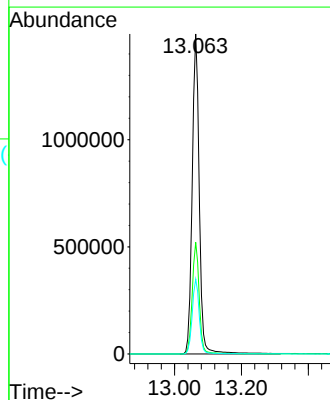
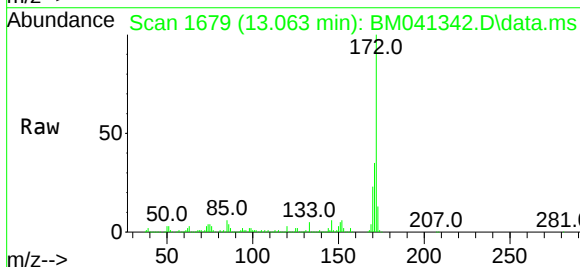
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ClientSampleId :
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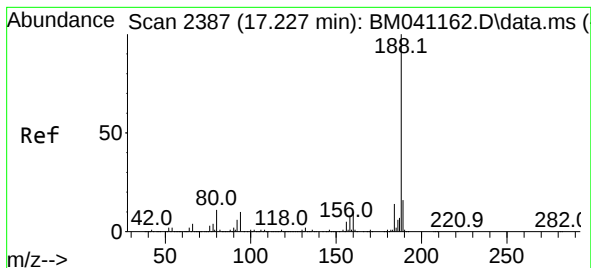
Tgt Ion:330 Resp: 634395
Ion Ratio Lower Upper
330 100
332 96.2 77.7 116.5
141 34.4 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 91.143 ng
RT: 13.063 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BM041342.D
Acq: 09 Aug 2023 16:38

Tgt Ion:172 Resp: 2206625
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041342.D

Acq: 09 Aug 2023 16:38

Instrument :

BNA_M

ClientSampleId :

PB154728BL

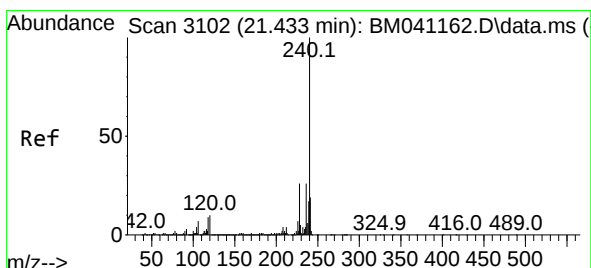
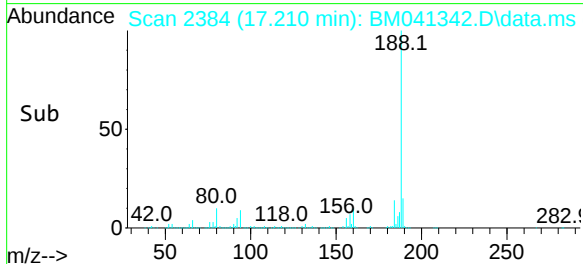
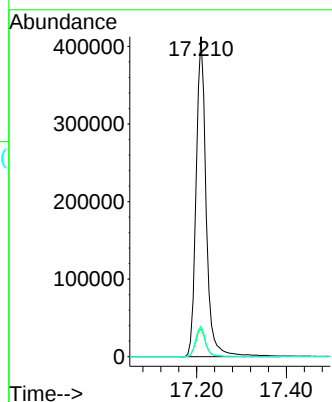
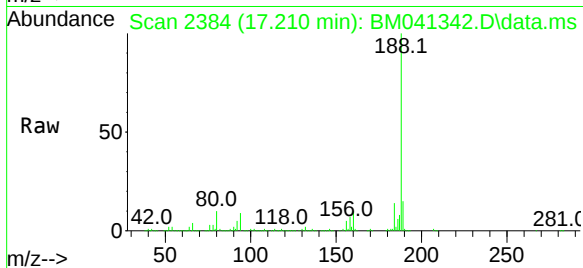
Tgt Ion:188 Resp: 639747

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

80 9.6 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM041342.D

Acq: 09 Aug 2023 16:38

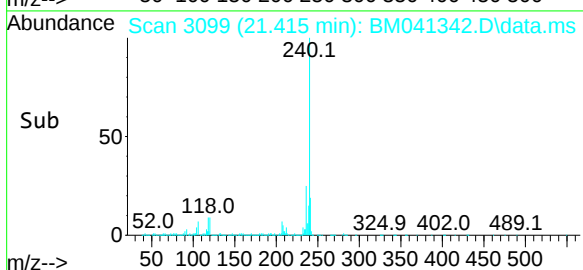
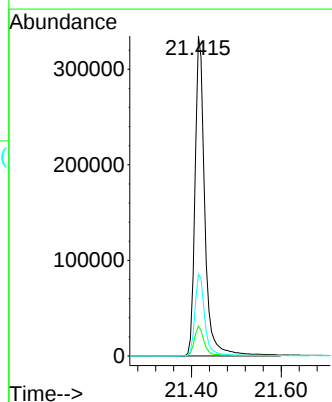
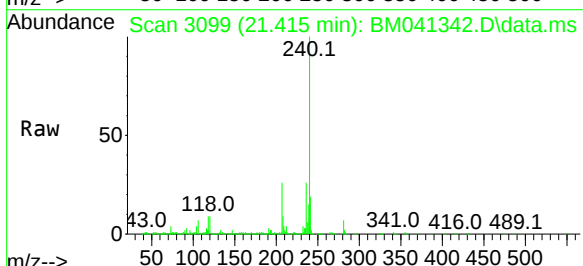
Tgt Ion:240 Resp: 506926

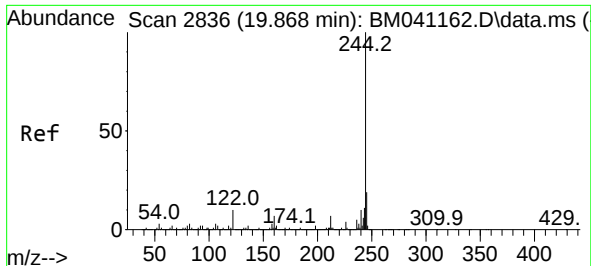
Ion Ratio Lower Upper

240 100

120 9.4 8.3 12.5

236 25.5 20.6 30.8

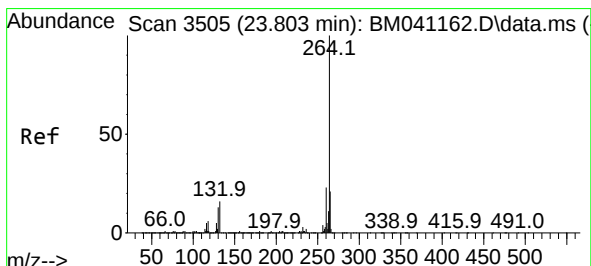
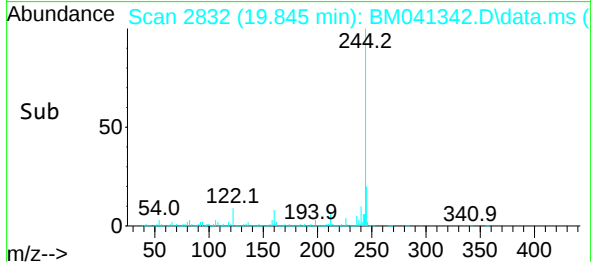
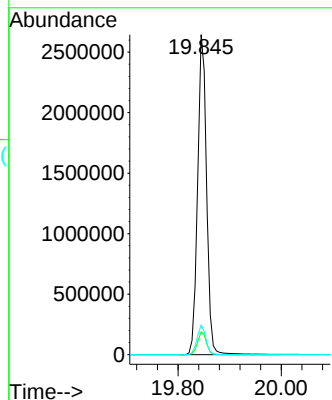
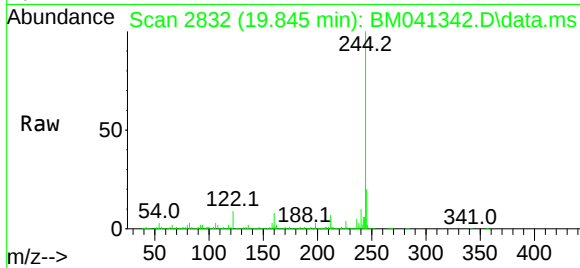




#79
 Terphenyl-d14
 Concen: 113.356 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041342.D
 Acq: 09 Aug 2023 16:38

Instrument :
 BNA_M
 ClientSampleId :
 PB154728BL

Tgt Ion:244 Resp: 3178183
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.3 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.786 min Scan# 3502
 Delta R.T. 0.006 min
 Lab File: BM041342.D
 Acq: 09 Aug 2023 16:38

Tgt Ion:264 Resp: 541019
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 23.4 17.4 26.0

