

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)

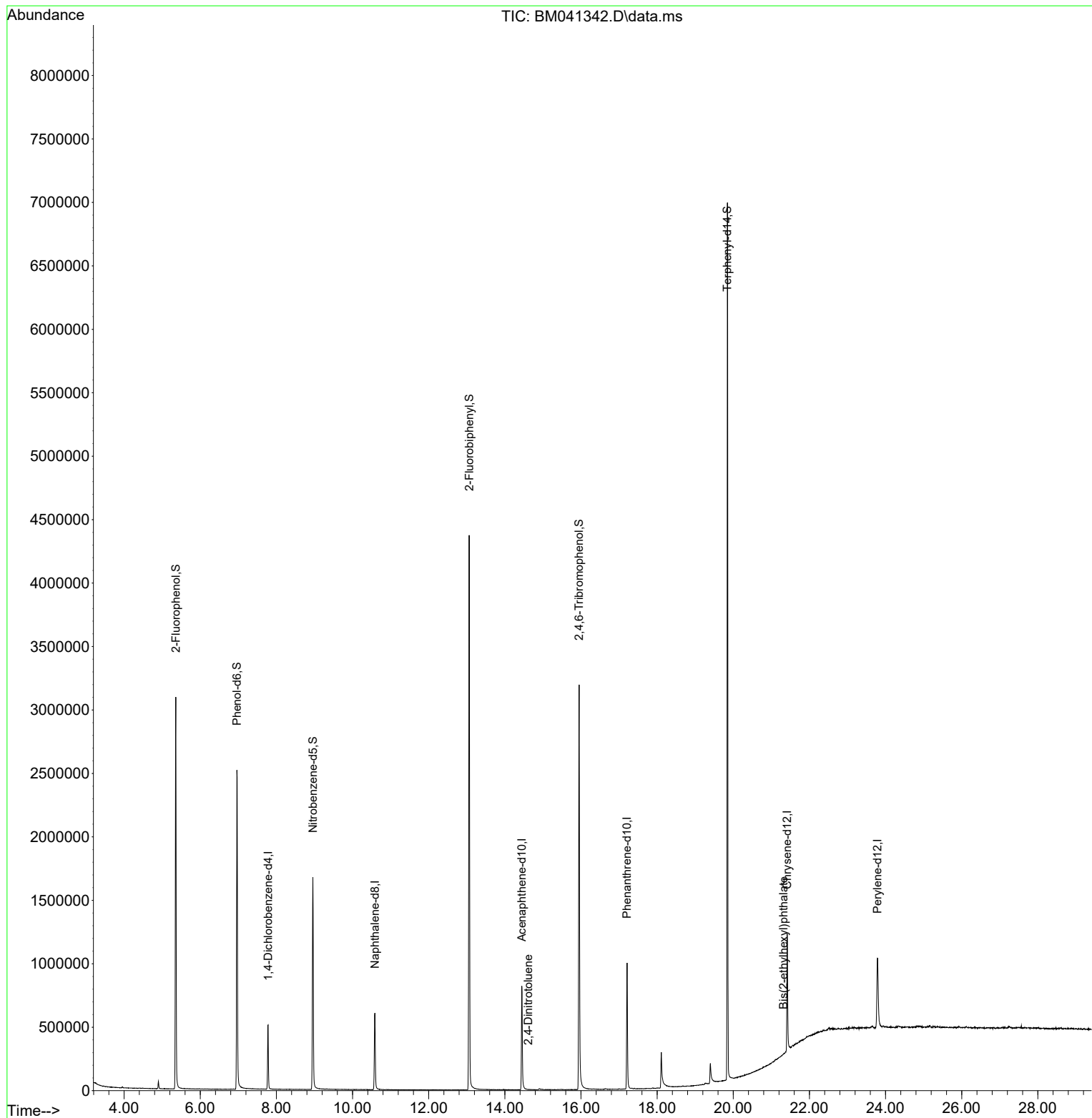
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	133751	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	518164	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	305841	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	639747	20.000	ng	0.00
76) Chrysene-d12	21.415	240	506926	20.000	ng	0.00
86) Perylene-d12	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						
57) 2,4-Dinitrotoluene	14.616	165	54	2.678	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.321	149	1471	2.607	ng	# 93

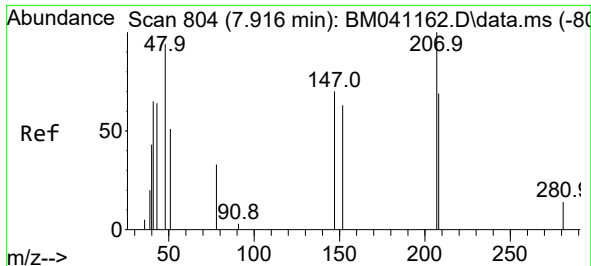
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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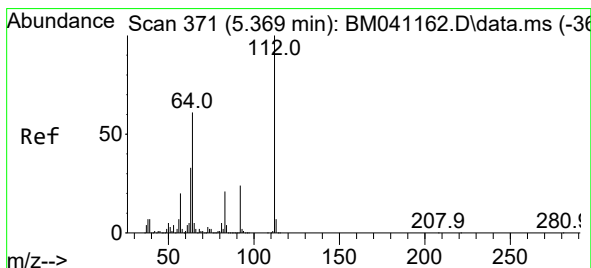
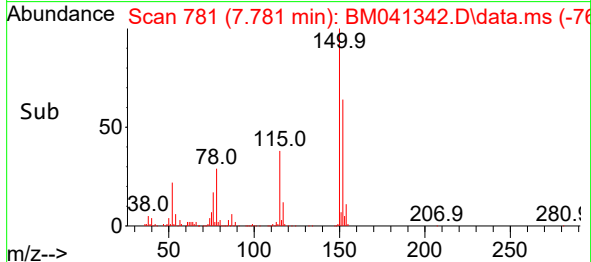
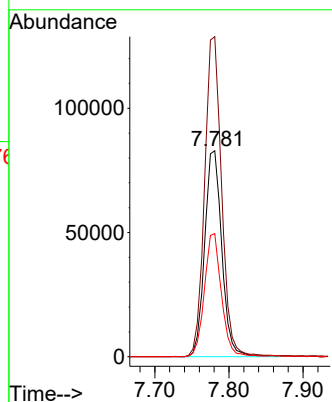
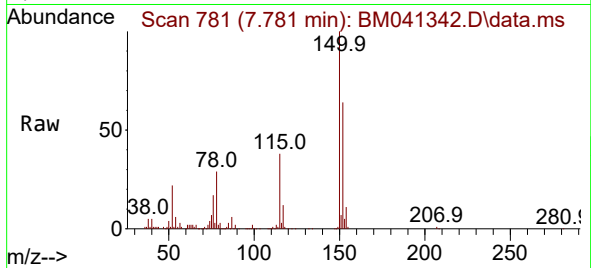




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.781 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BM041342.D
 Acq: 09 Aug 2023 16:38

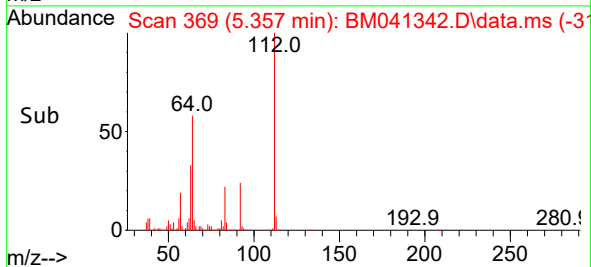
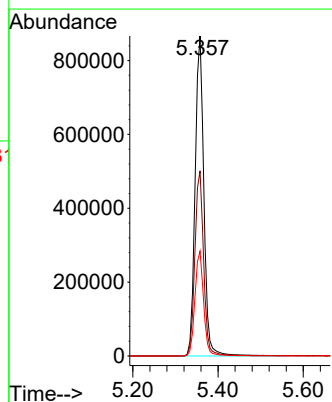
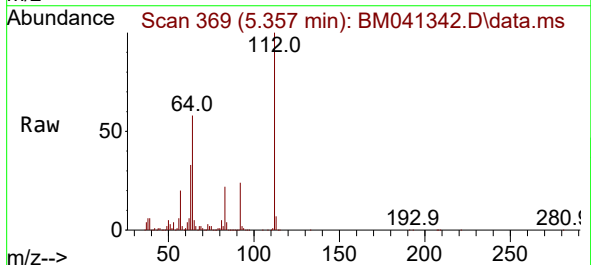
Instrument :
 BNA_M
 ClientSampleId :
 PB154728BL

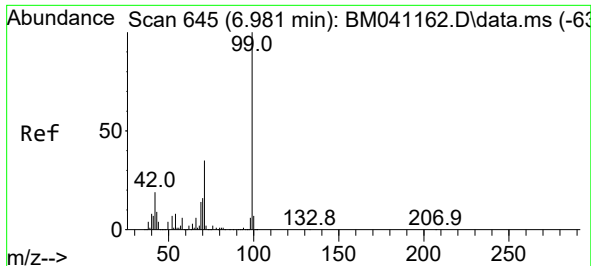
Tgt Ion:152 Resp: 133751
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.5 188.3
 115 59.8 48.0 72.0



#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

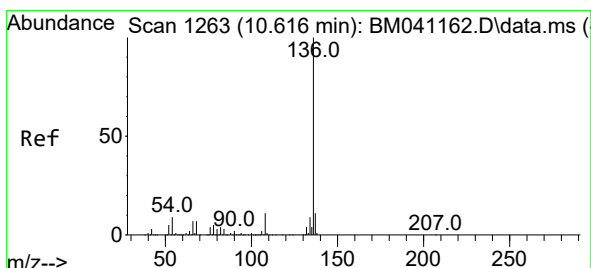
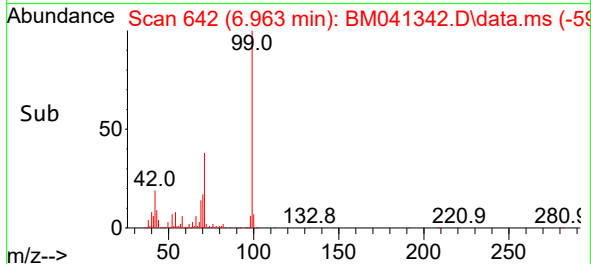
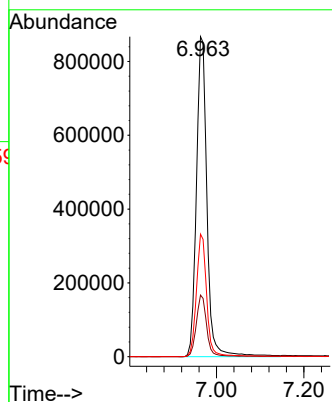
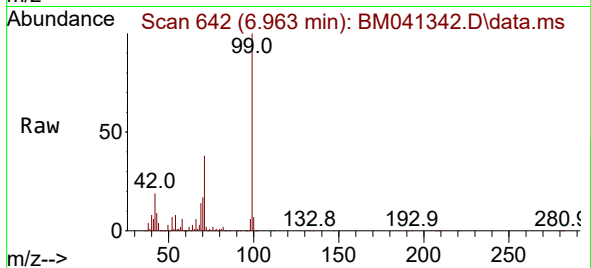




#7
Phenol-d6
Concen: 125.415 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041342.D
Acq: 09 Aug 2023 16:38

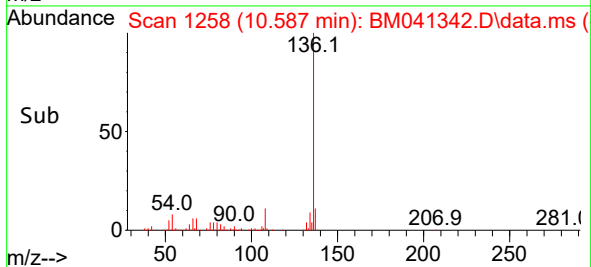
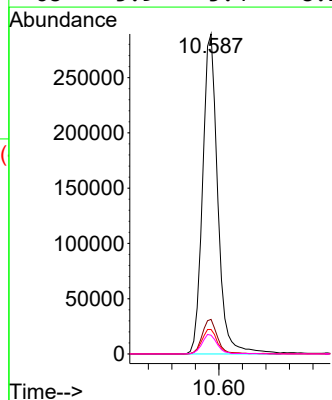
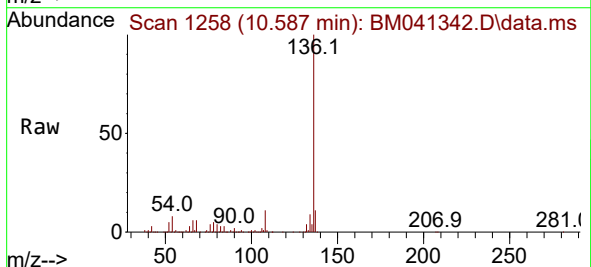
Instrument :
BNA_M
ClientSampleId :
PB154728BL

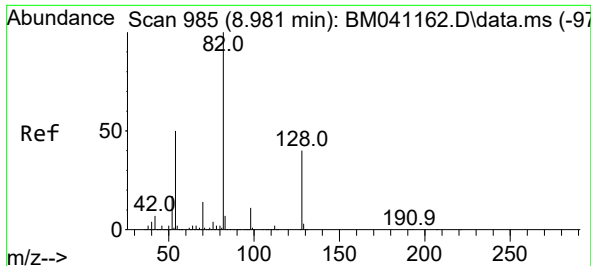
Tgt Ion: 99 Resp: 1454831
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 38.3 28.2 42.4



#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

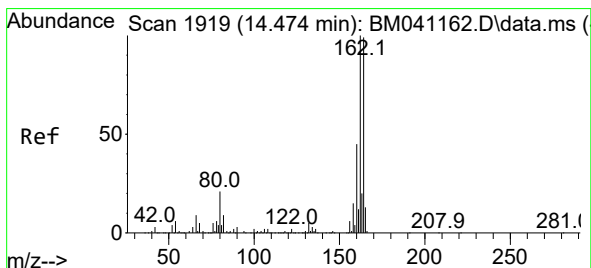
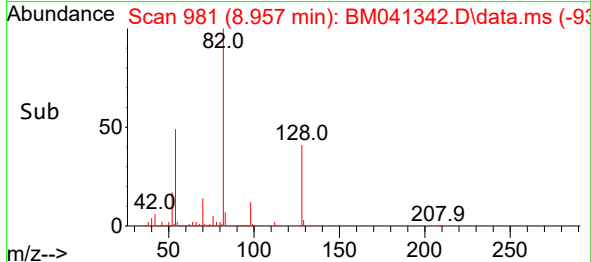
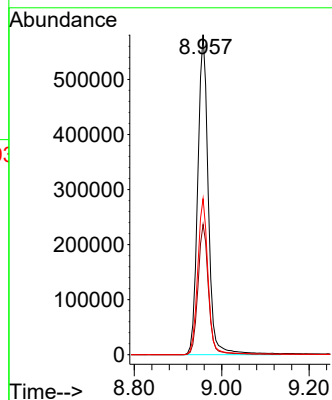
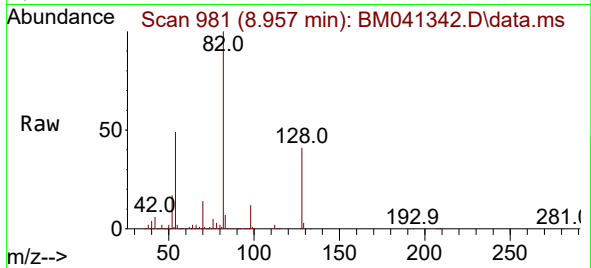




#23
Nitrobenzene-d5
Concen: 87.847 ng
RT: 8.957 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041342.D
Acq: 09 Aug 2023 16:38

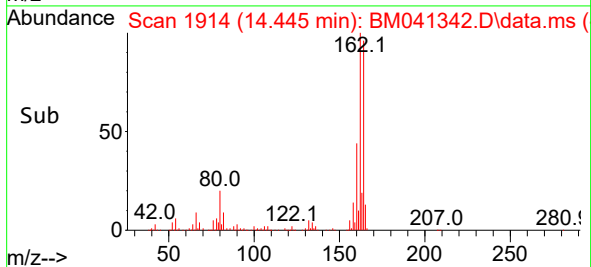
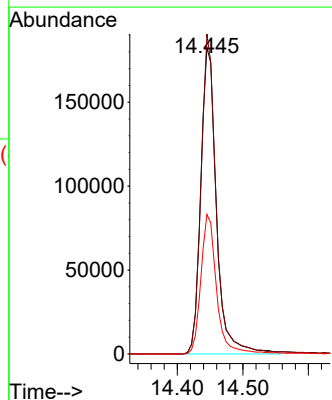
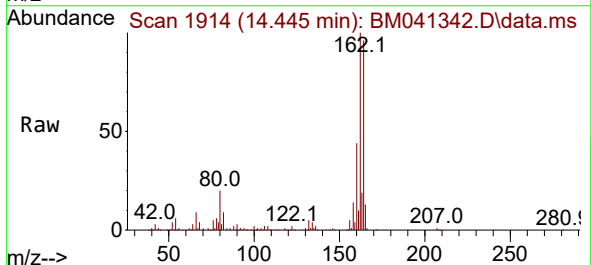
Instrument :
BNA_M
ClientSampleId :
PB154728BL

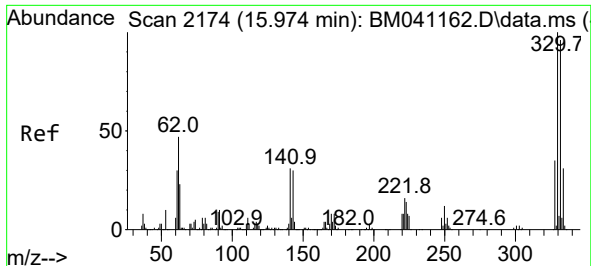
Tgt Ion: 82 Resp: 978807
Ion Ratio Lower Upper
82 100
128 40.7 31.8 47.6
54 48.7 40.1 60.1



#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

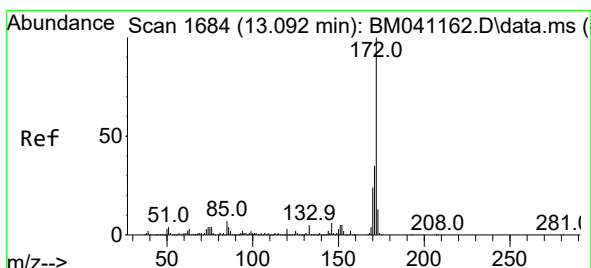
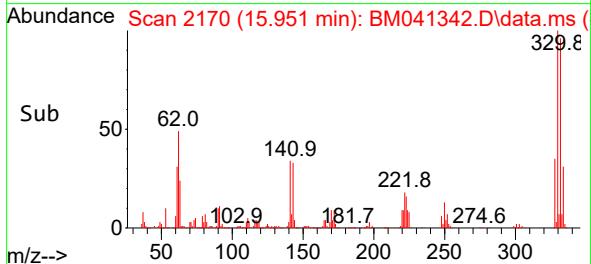
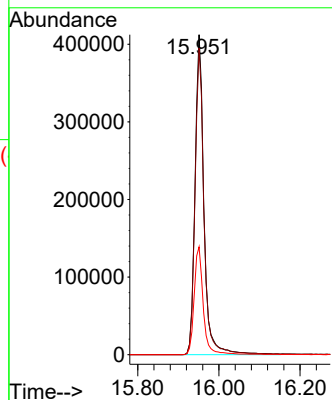
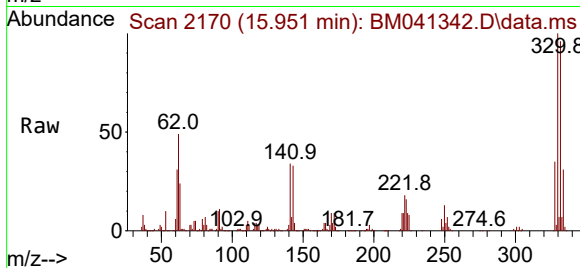




#42
 2,4,6-Tribromophenol
 Concen: 146.648 ng
 RT: 15.951 min Scan# 2174
 Delta R.T. 0.000 min
 Lab File: BM041342.D
 Acq: 09 Aug 2023 16:38

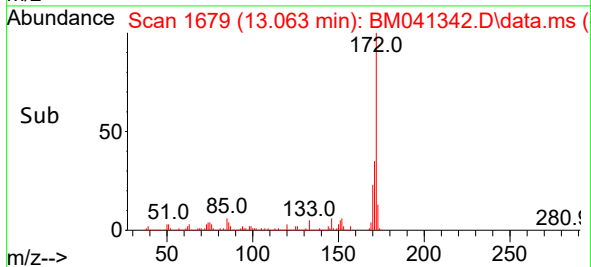
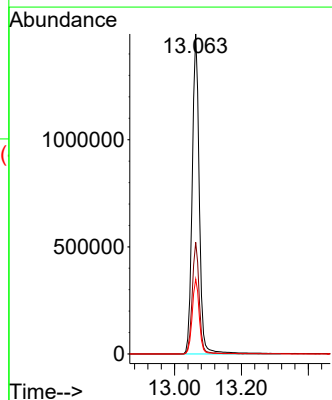
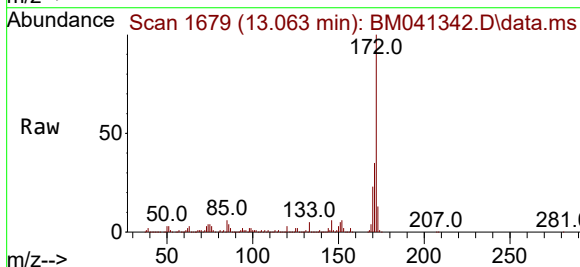
Instrument :
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 ClientSampleId :
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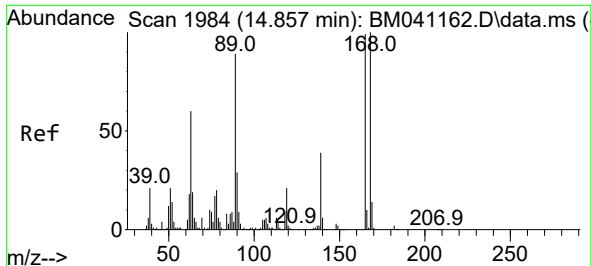
Tgt Ion:330 Resp: 634395
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.7 116.5
 141 34.4 28.3 42.5



#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

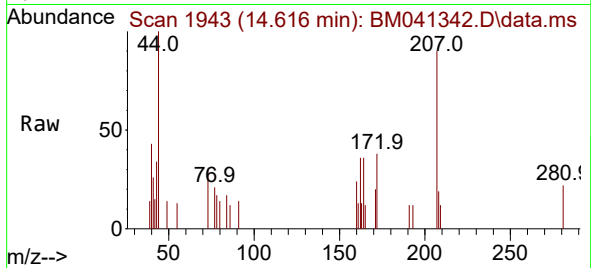
Tgt Ion:172 Resp: 2206625
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.1 42.1
 170 23.4 18.9 28.3



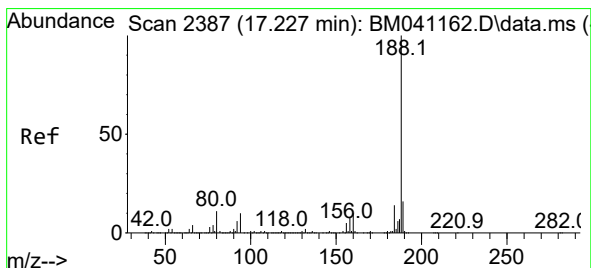
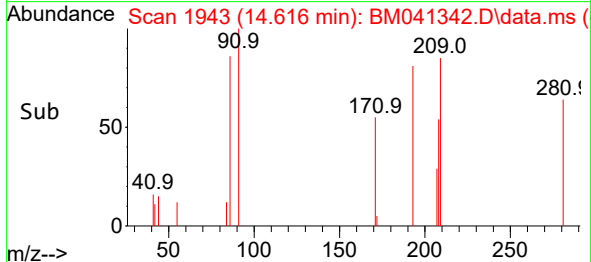
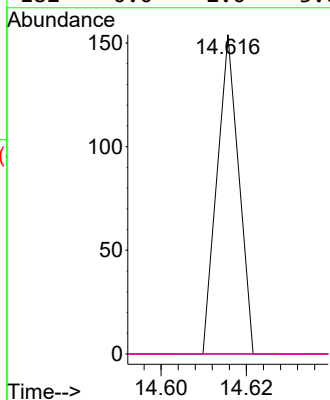


#57
2,4-Dinitrotoluene
Concen: 2.678 ng
RT: 14.616 min Scan# 1984
Delta R.T. -0.229 min
Lab File: BM041342.D
Acq: 09 Aug 2023 16:38

Instrument :
BNA_M
ClientSampleId :
PB154728BL

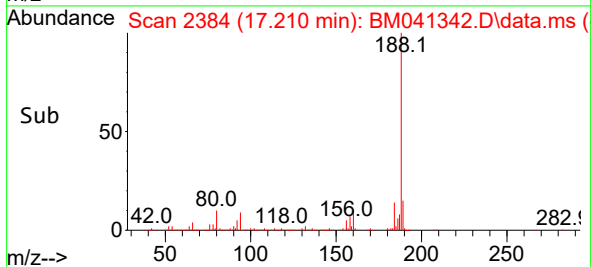
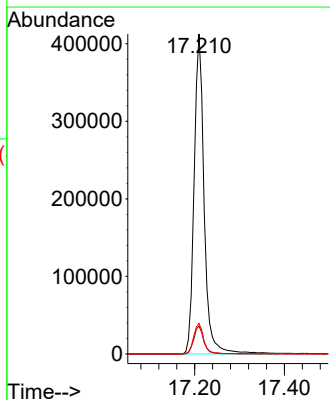
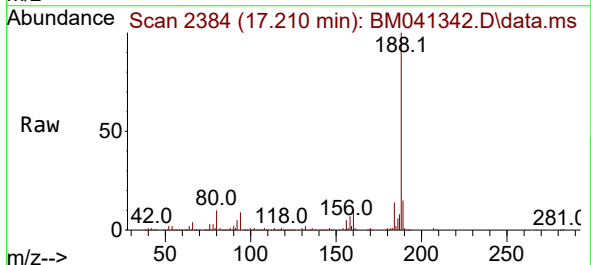


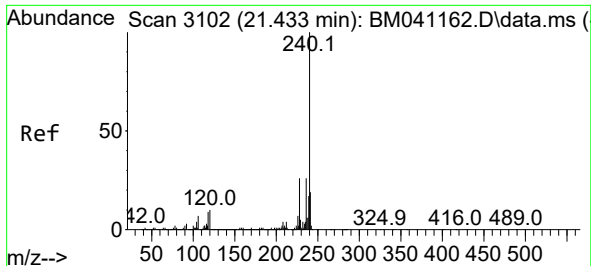
Tgt Ion:165 Resp: 54
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BM041342.D
Acq: 09 Aug 2023 16:38

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

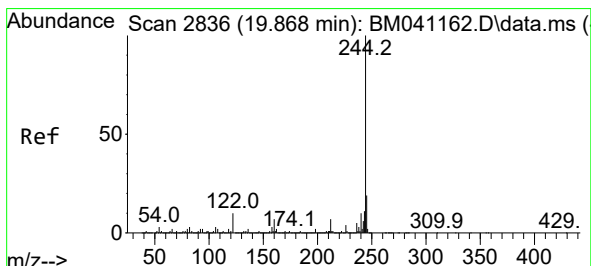
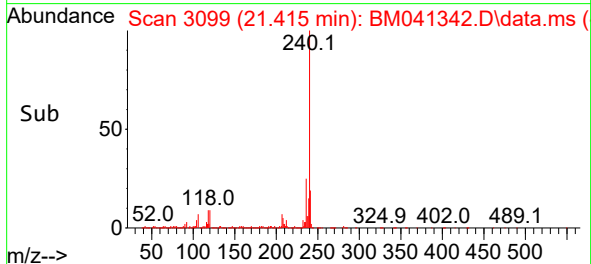
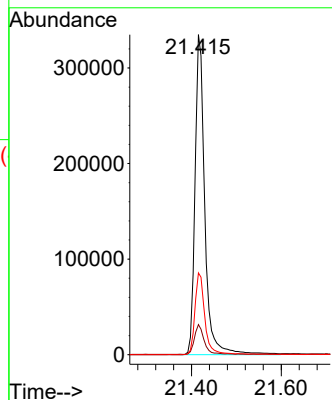
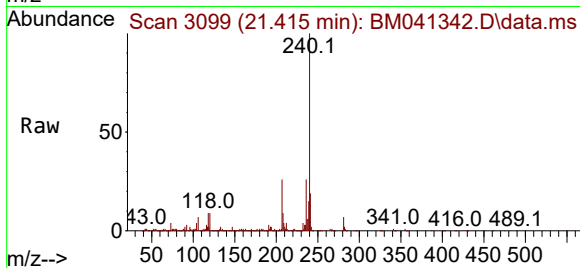




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM041342.D
Acq: 09 Aug 2023 16:38

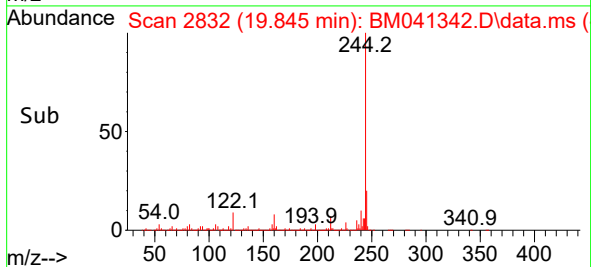
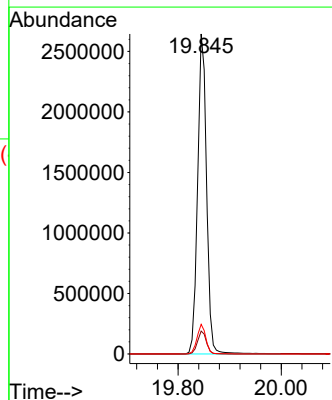
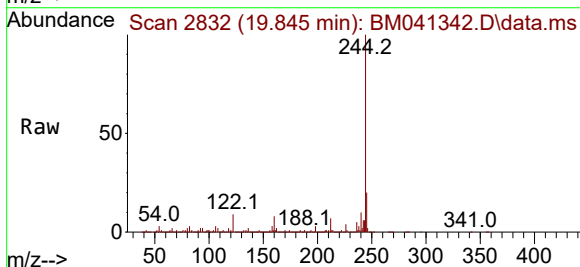
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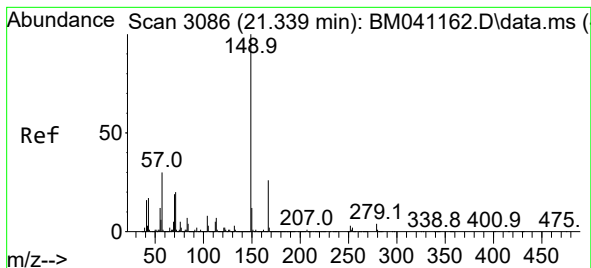
Tgt Ion:240 Resp: 506926
Ion Ratio Lower Upper
240 100
120 9.4 8.3 12.5
236 25.5 20.6 30.8



#79
Terphenyl-d14
Concen: 113.356 ng
RT: 19.845 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BM041342.D
Acq: 09 Aug 2023 16:38

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

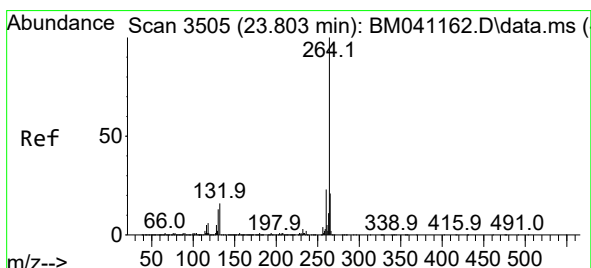
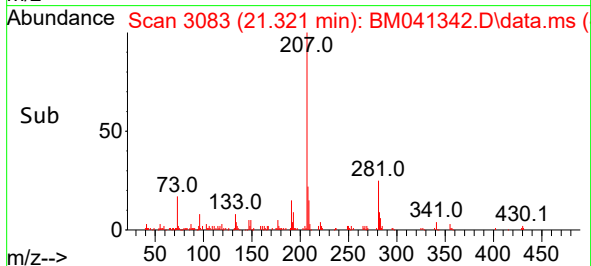
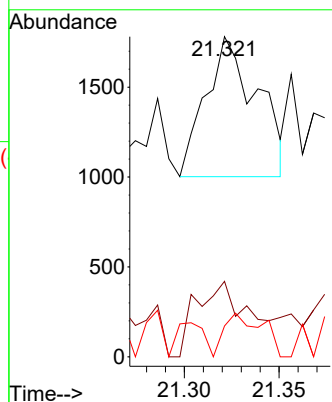
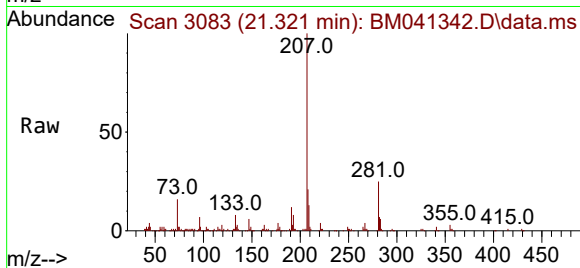




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.607 ng
RT: 21.321 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM041342.D
Acq: 09 Aug 2023 16:38

Instrument :
BNA_M
ClientSampleId :
PB154728BL

Tgt Ion:149 Resp: 1471
Ion Ratio Lower Upper
149 100
167 23.6 21.0 31.6
279 9.6 3.1 4.7#



#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

