

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
 Data File : BM037500.D
 Acq On : 14 Nov 2022 11:41
 Operator : CG/JU
 Sample : PB148922BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB148922BL

Quant Time: Nov 15 00:01:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 14 01:42:00 2022
 Response via : Initial Calibration

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

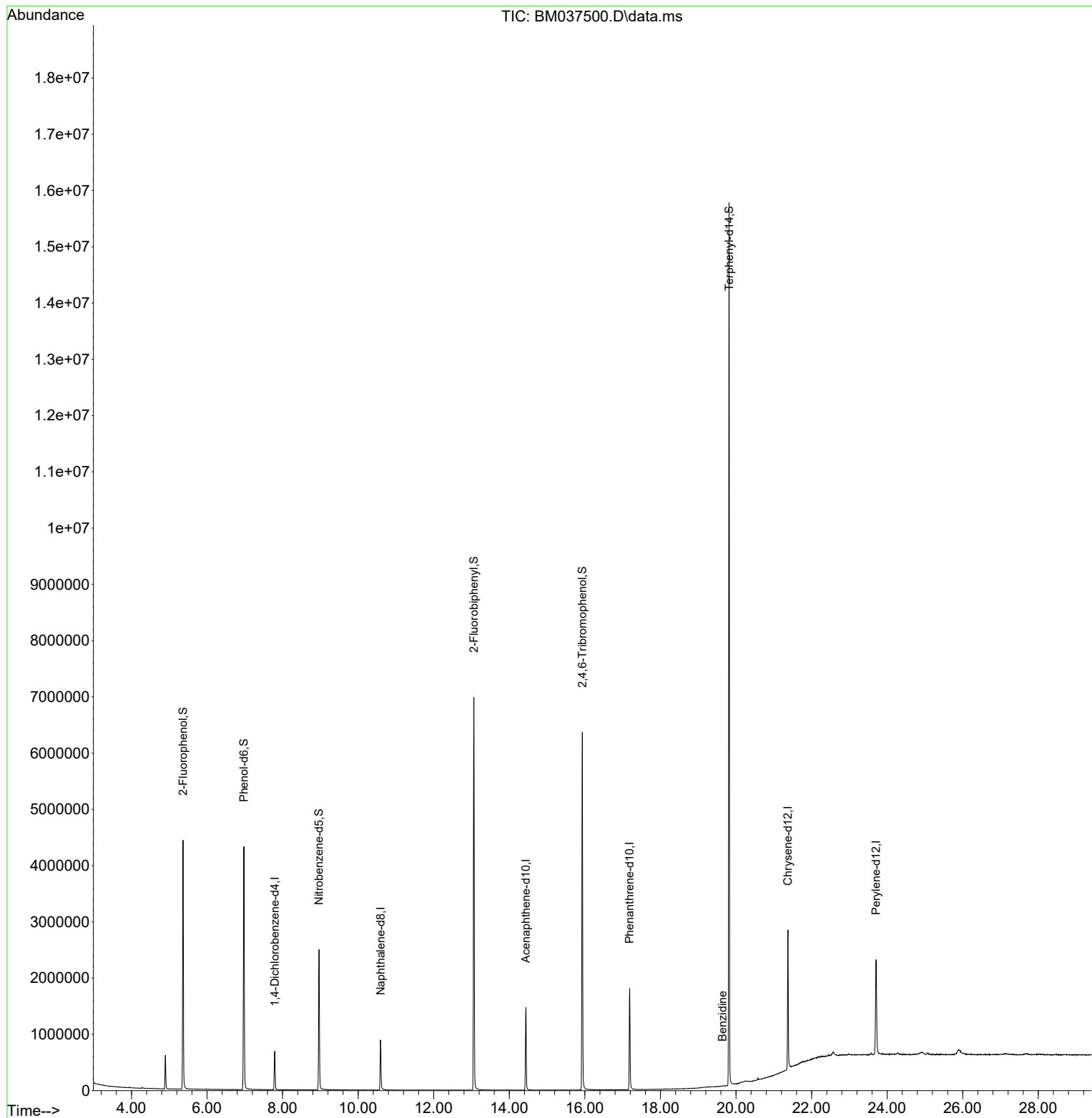
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	185832	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	775364	20.000	ng	-0.01
39) Acenaphthene-d10	14.439	164	510359	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1119886	20.000	ng	0.00
76) Chrysene-d12	21.374	240	1212566	20.000	ng	0.00
86) Perylene-d12	23.709	264	1249925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1829723	185.939	ng	0.00
7) Phenol-d6	6.975	99	2415420	170.602	ng	0.00
23) Nitrobenzene-d5	8.963	82	1422217	95.320	ng	-0.01
42) 2,4,6-Tribromophenol	15.933	330	1184348	167.831	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	3561364	96.981	ng	0.00
79) Terphenyl-d14	19.815	244	7004023	115.359	ng	0.00
Target Compounds						
77) Benzidine	19.645	184	117	2.440	ng	Qvalue # 68

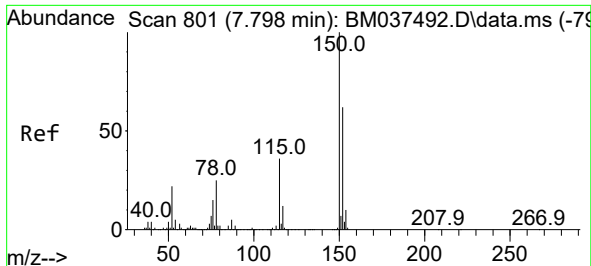
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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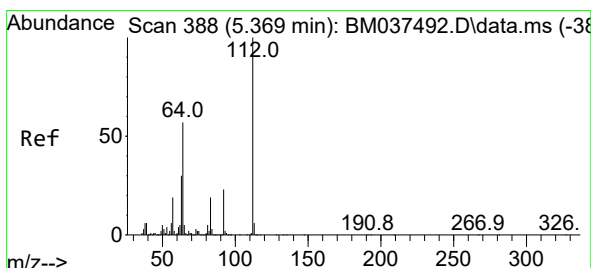
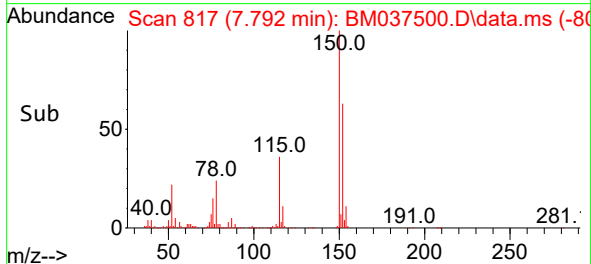
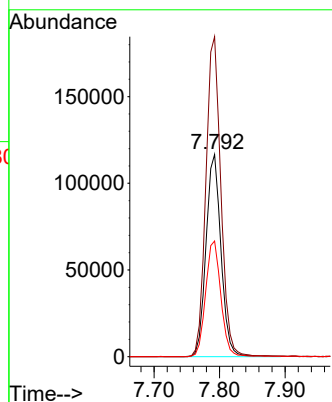
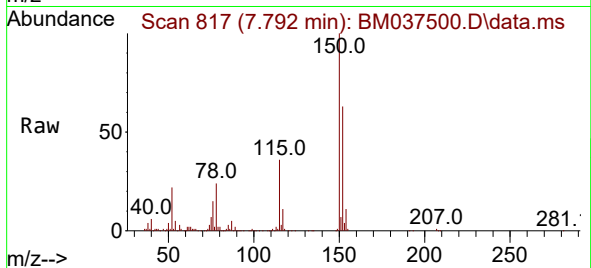




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.792 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM037500.D
 Acq: 14 Nov 2022 11:41

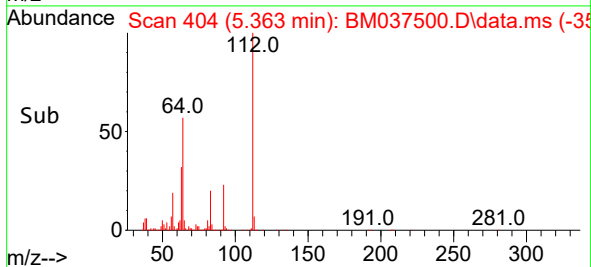
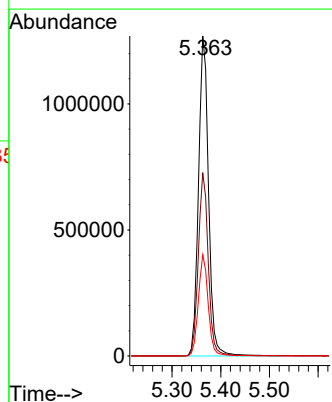
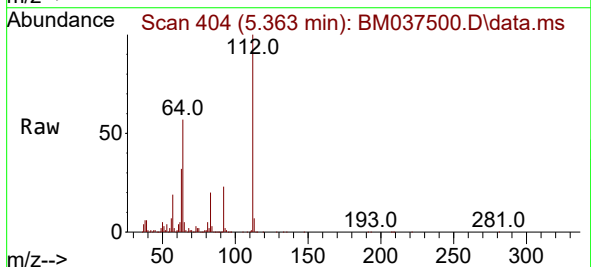
Instrument :
 BNA_M
 ClientSampleId :
 PB148922BL

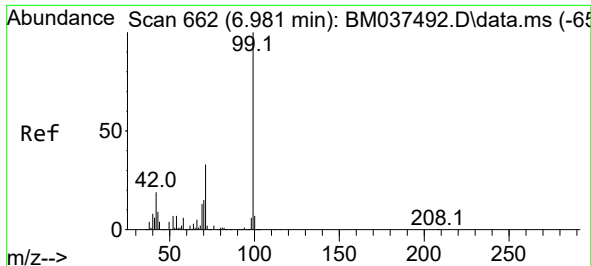
Tgt Ion:152 Resp: 185832
 Ion Ratio Lower Upper
 152 100
 150 158.2 129.8 194.6
 115 57.2 46.6 69.8



#5
 2-Fluorophenol
 Concen: 185.939 ng
 RT: 5.363 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: BM037500.D
 Acq: 14 Nov 2022 11:41

Tgt Ion:112 Resp: 1829723
 Ion Ratio Lower Upper
 112 100
 64 57.3 45.9 68.9
 63 31.6 24.2 36.4

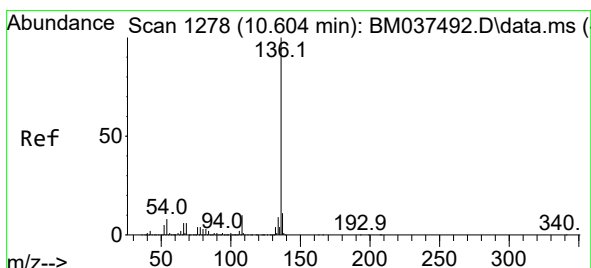
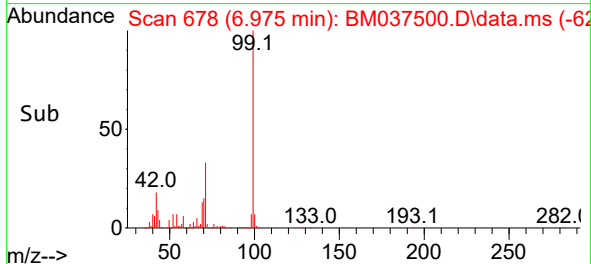
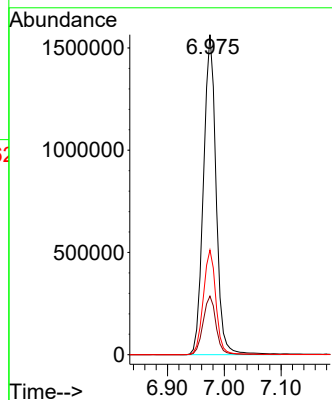
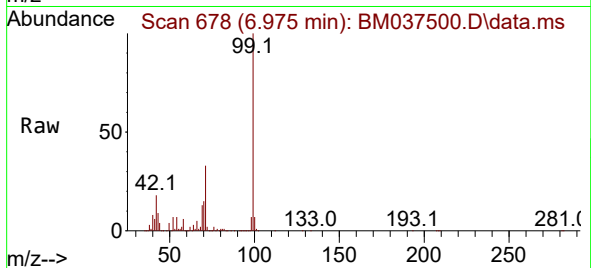




#7
Phenol-d6
Concen: 170.602 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM037500.D
Acq: 14 Nov 2022 11:41

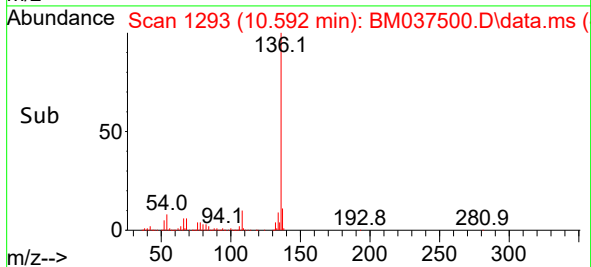
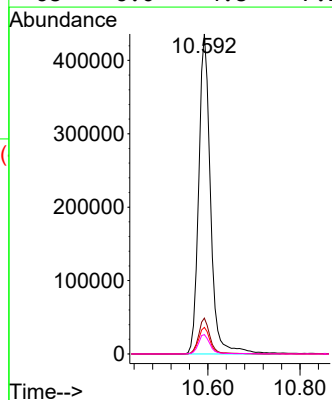
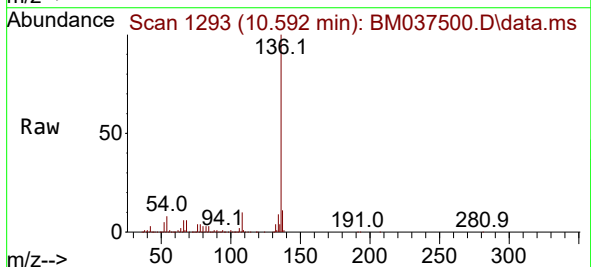
Instrument :
BNA_M
ClientSampleId :
PB148922BL

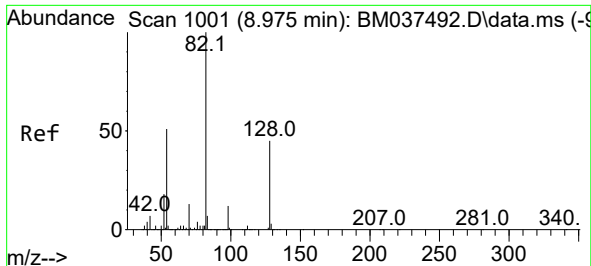
Tgt Ion: 99 Resp: 2415420
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.6
71 32.7 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BM037500.D
Acq: 14 Nov 2022 11:41

Tgt Ion:136 Resp: 775364
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.3 6.3 9.5
68 6.0 4.8 7.2

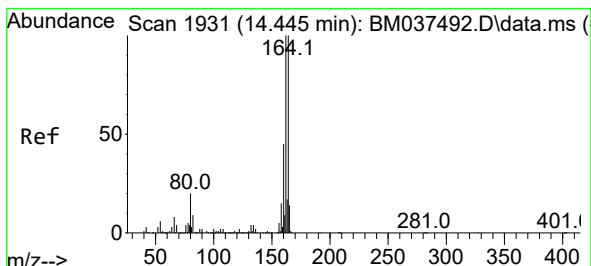
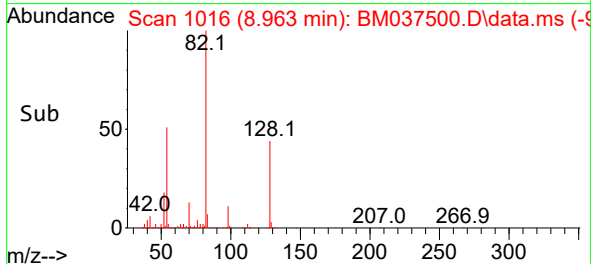
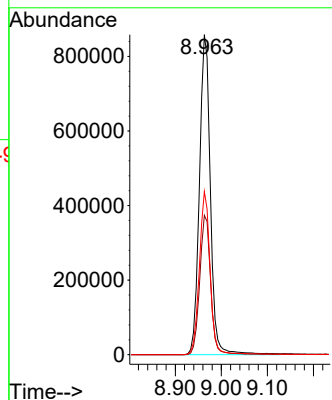
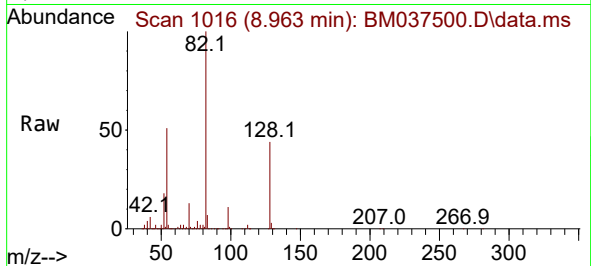




#23
Nitrobenzene-d5
Concen: 95.320 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BM037500.D
Acq: 14 Nov 2022 11:41

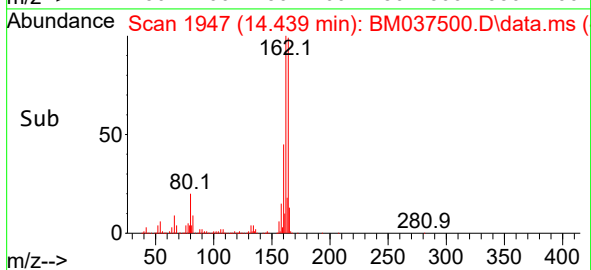
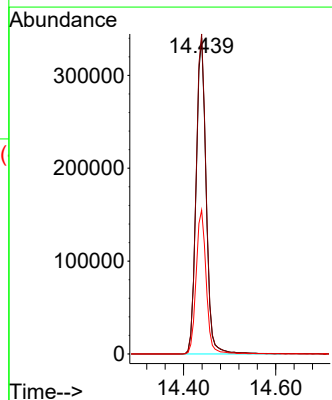
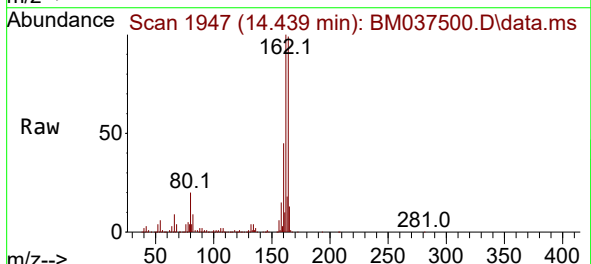
Instrument :
BNA_M
ClientSampleId :
PB148922BL

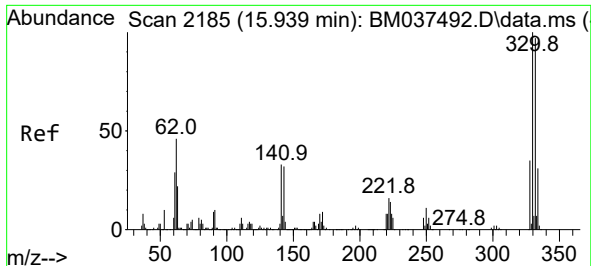
Tgt Ion: 82 Resp: 1422217
Ion Ratio Lower Upper
82 100
128 43.5 36.3 54.5
54 51.0 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM037500.D
Acq: 14 Nov 2022 11:41

Tgt Ion:164 Resp: 510359
Ion Ratio Lower Upper
164 100
162 101.3 79.9 119.9
160 45.6 35.7 53.5

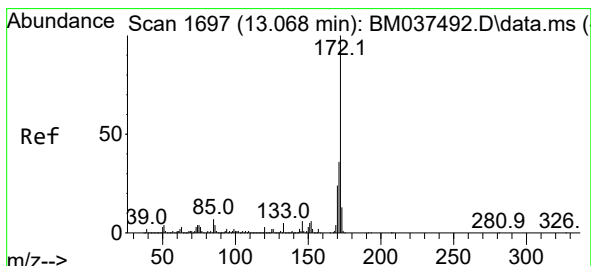
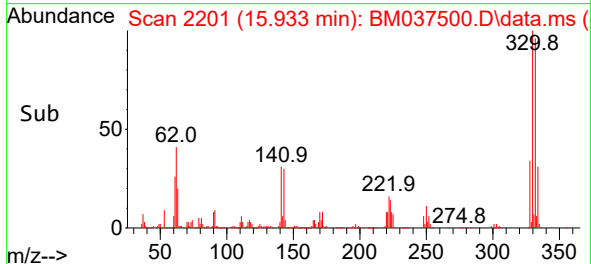
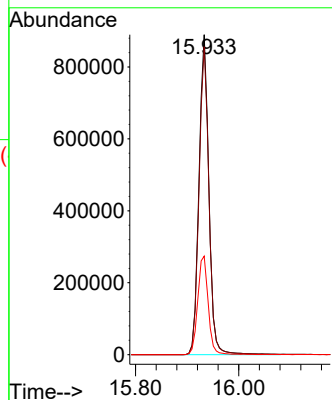
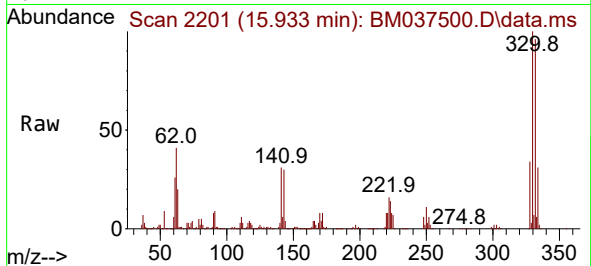




#42
2,4,6-Tribromophenol
Concen: 167.831 ng
RT: 15.933 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM037500.D
Acq: 14 Nov 2022 11:41

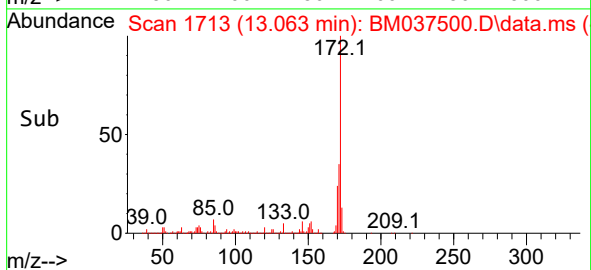
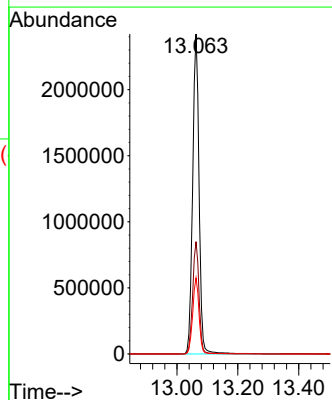
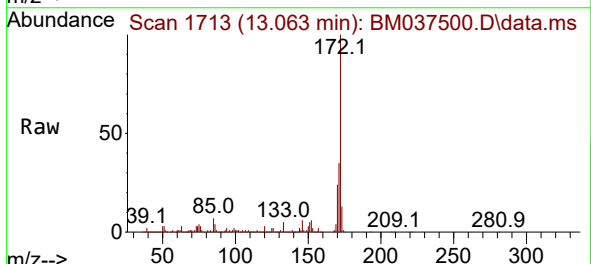
Instrument :
BNA_M
ClientSampleId :
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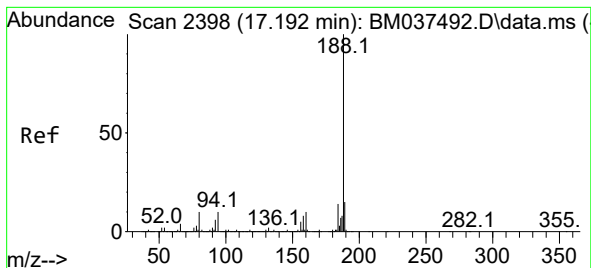
Tgt Ion:330 Resp: 1184348
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 32.6 26.2 39.2



#45
2-Fluorobiphenyl
Concen: 96.981 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.005 min
Lab File: BM037500.D
Acq: 14 Nov 2022 11:41

Tgt Ion:172 Resp: 3561364
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BM037500.D

Acq: 14 Nov 2022 11:41

Instrument :

BNA_M

ClientSampleId :

PB148922BL

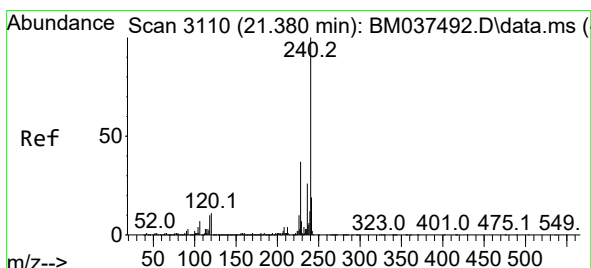
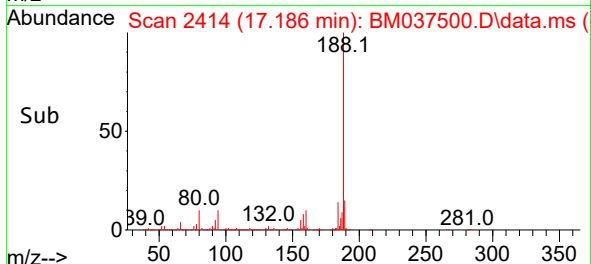
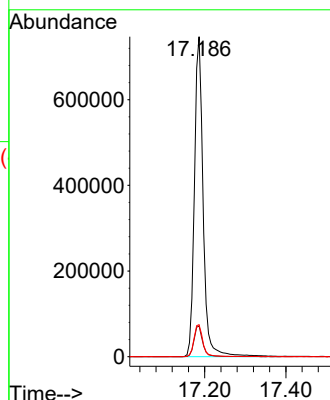
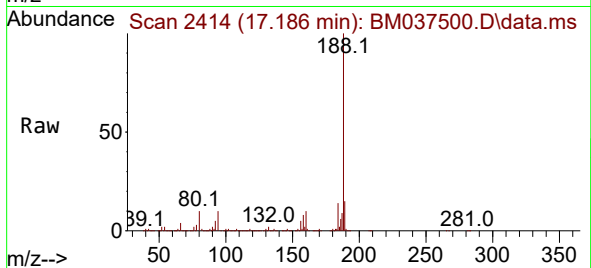
Tgt Ion:188 Resp: 1119886

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

80 10.0 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.374 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM037500.D

Acq: 14 Nov 2022 11:41

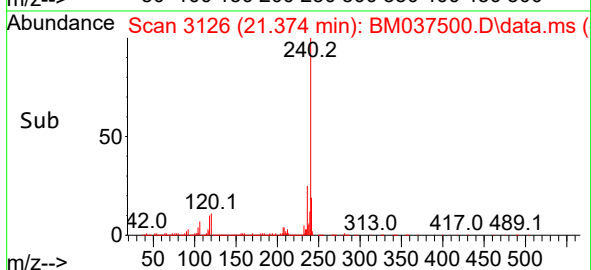
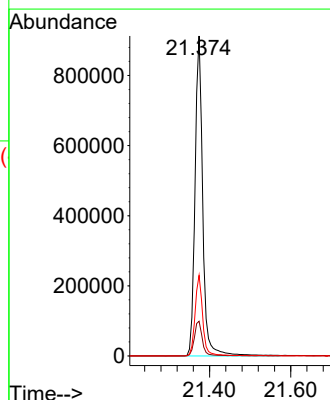
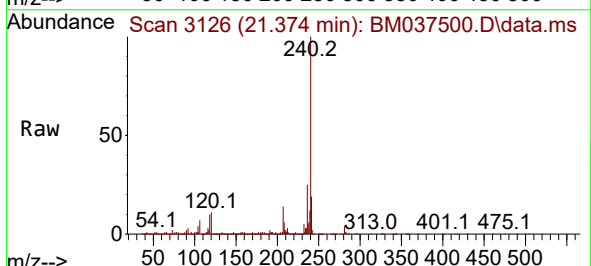
Tgt Ion:240 Resp: 1212566

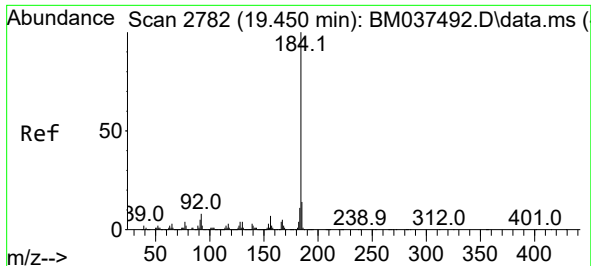
Ion Ratio Lower Upper

240 100

120 10.9 8.6 13.0

236 25.2 20.8 31.2

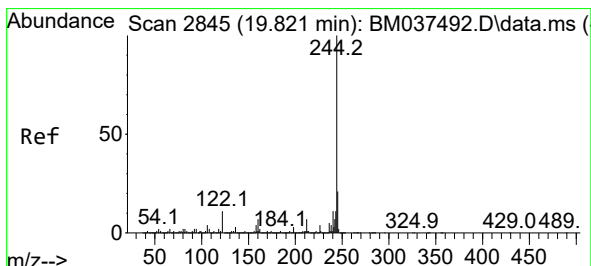
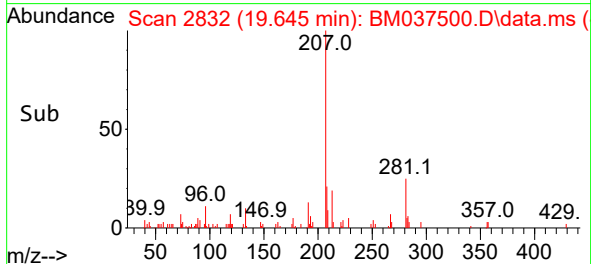
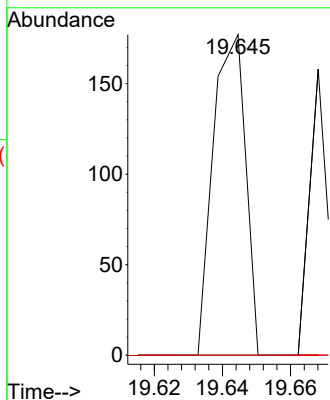
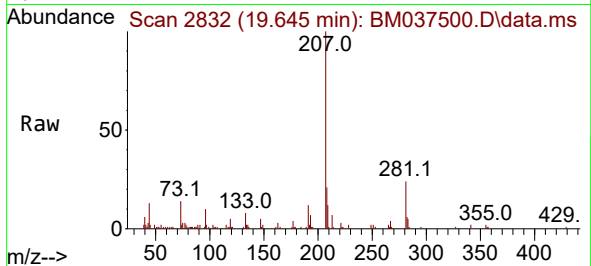




#77
Benzidine
Concen: 2.440 ng
RT: 19.645 min Scan# 21
Delta R.T. 0.195 min
Lab File: BM037500.D
Acq: 14 Nov 2022 11:41

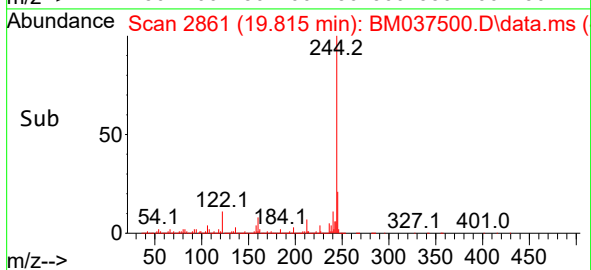
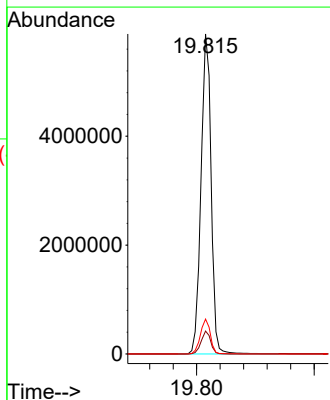
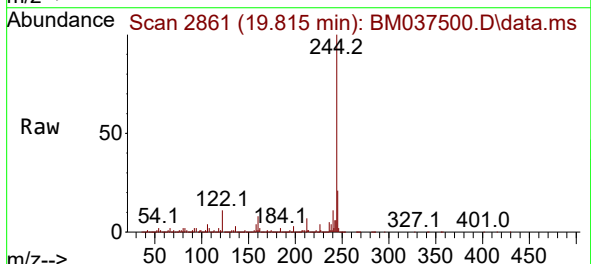
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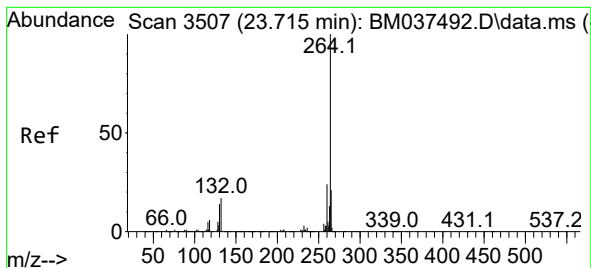
Tgt Ion:184 Resp: 117
Ion Ratio Lower Upper
184 100
185 0.0 11.1 16.7#
183 0.0 9.0 13.6#



#79
Terphenyl-d14
Concen: 115.359 ng
RT: 19.815 min Scan# 2861
Delta R.T. -0.006 min
Lab File: BM037500.D
Acq: 14 Nov 2022 11:41

Tgt Ion:244 Resp: 7004023
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 10.9 8.7 13.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.709 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM037500.D

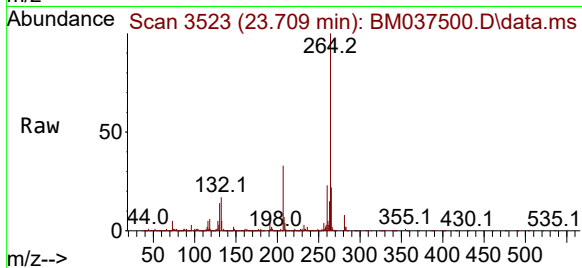
Acq: 14 Nov 2022 11:41

Instrument :

BNA_M

ClientSampleId :

PB148922BL



Tgt Ion:264 Resp: 1249925

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 22.3 17.5 26.3

