

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122722\
 Data File : BM038324.D
 Acq On : 27 Dec 2022 20:34
 Operator : CG/JU
 Sample : PB149775BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB149775BL

Quant Time: Dec 28 02:12:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 01:33:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	80569	20.000	ng	0.00
21) Naphthalene-d8	10.828	136	286721	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	166825	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	321483	20.000	ng	0.00
76) Chrysene-d12	21.550	240	275963	20.000	ng	-0.01
86) Perylene-d12	23.991	264	288824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	473743	97.476	ng	0.00
7) Phenol-d6	7.175	99	577271	90.435	ng	0.00
23) Nitrobenzene-d5	9.187	82	555094	84.787	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	171411	67.447	ng	0.00
45) 2-Fluorobiphenyl	13.269	172	1132719	85.441	ng	0.00
79) Terphenyl-d14	19.992	244	1444669	98.955	ng	0.00

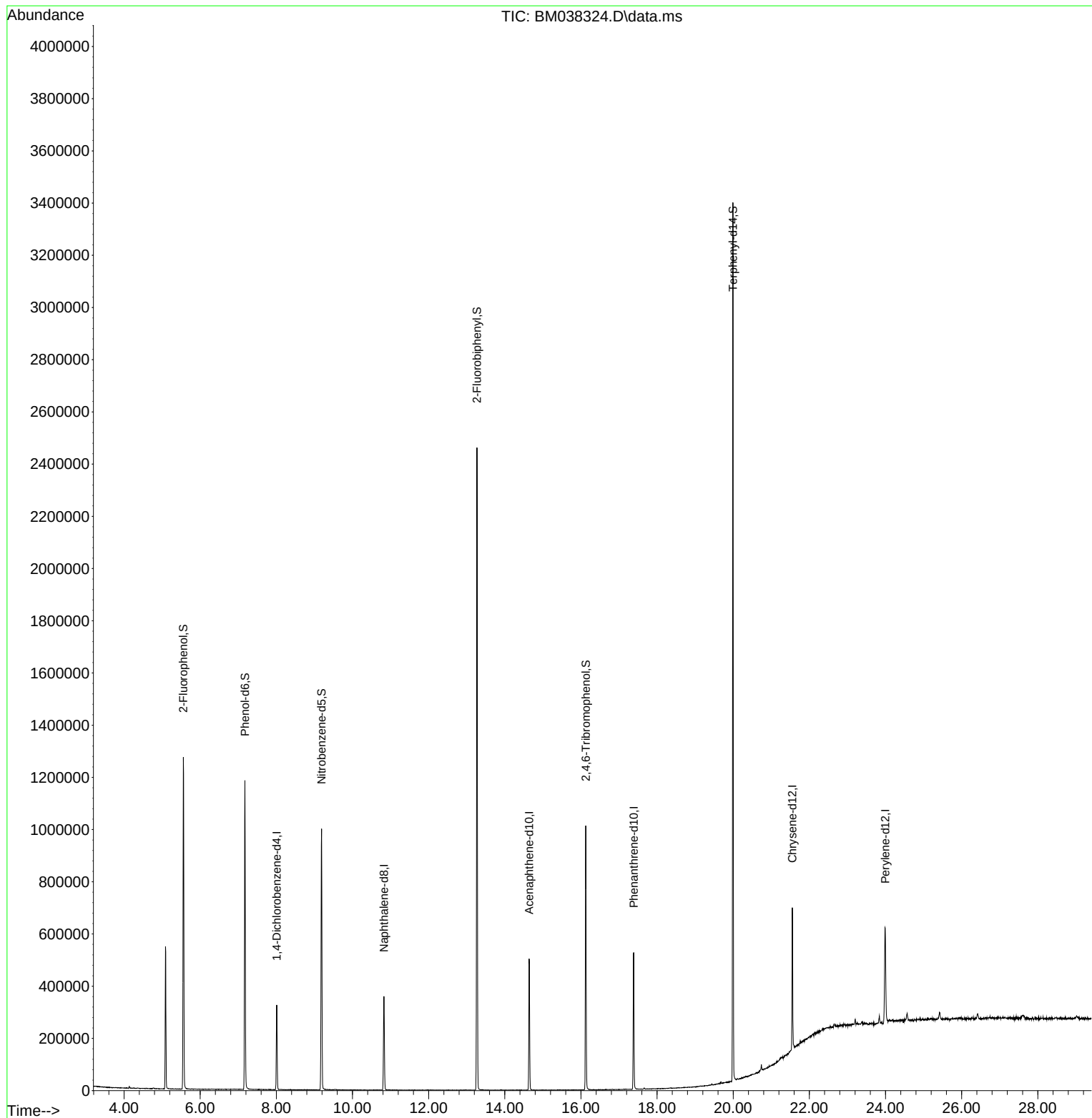
Target Compounds Qvalue

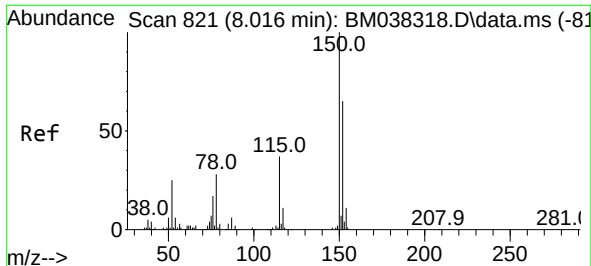
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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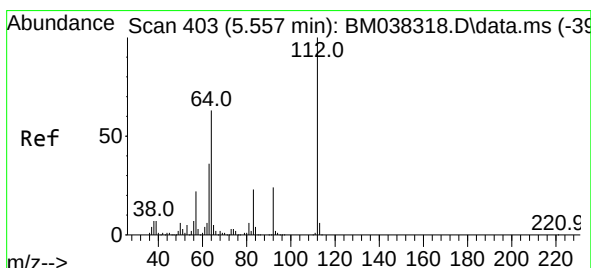
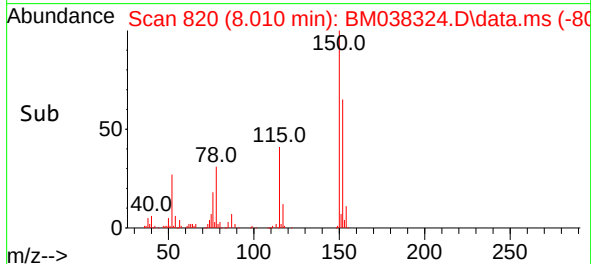
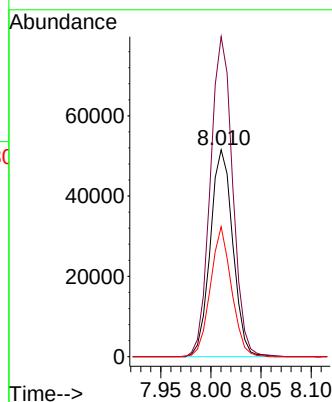
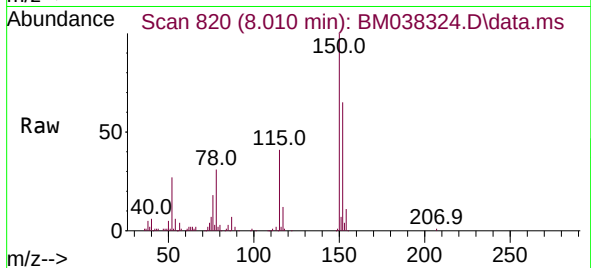




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038324.D
Acq: 27 Dec 2022 20:34

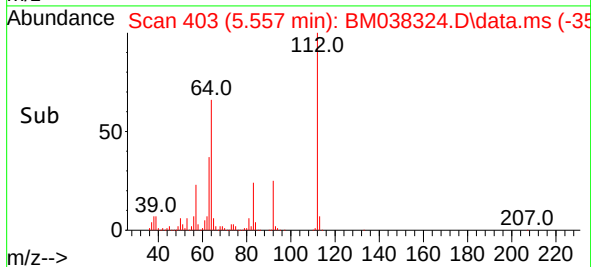
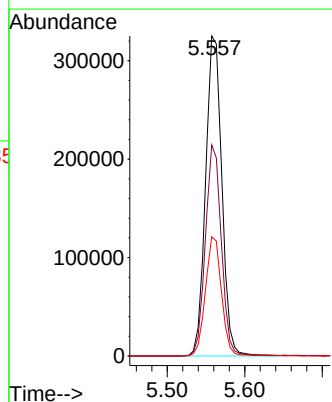
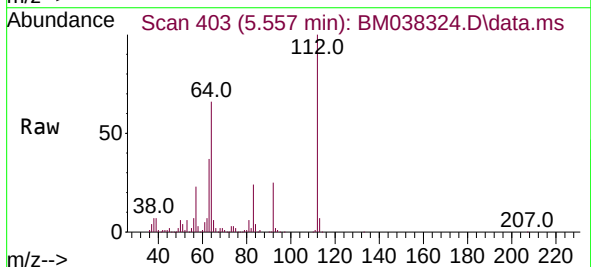
Instrument :
BNA_M
ClientSampleId :
PB149775BL

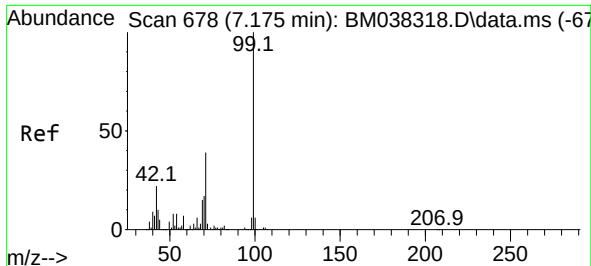
Tgt Ion:152 Resp: 80569
Ion Ratio Lower Upper
152 100
150 154.7 123.0 184.6
115 62.8 45.4 68.2



#5
2-Fluorophenol
Concen: 97.476 ng
RT: 5.557 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM038324.D
Acq: 27 Dec 2022 20:34

Tgt Ion:112 Resp: 473743
Ion Ratio Lower Upper
112 100
64 65.9 50.7 76.1
63 37.2 28.9 43.3

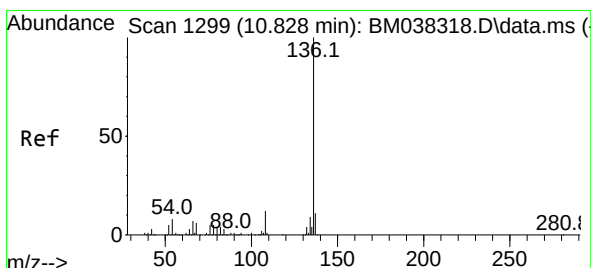
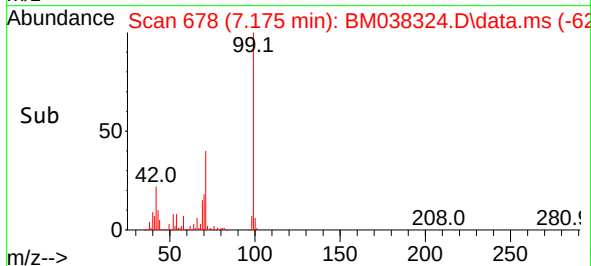
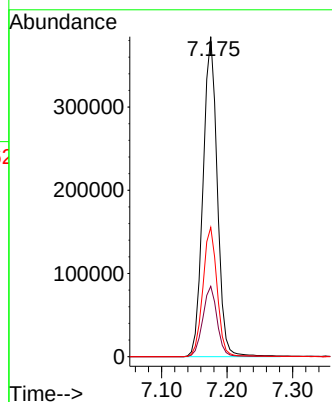
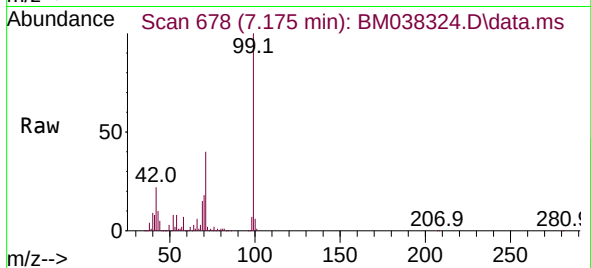




#7
Phenol-d6
Concen: 90.435 ng
RT: 7.175 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038324.D
Acq: 27 Dec 2022 20:34

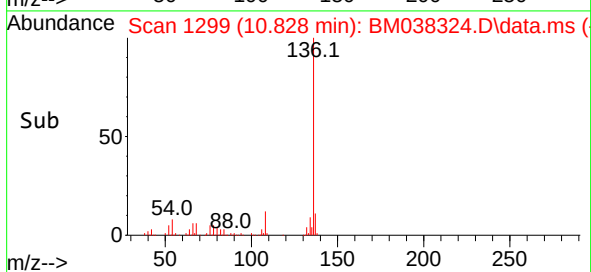
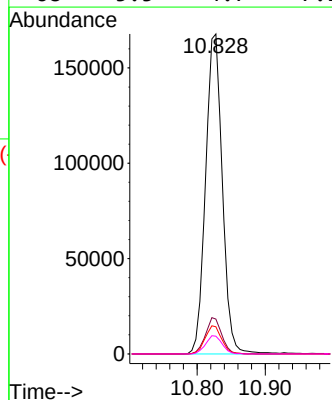
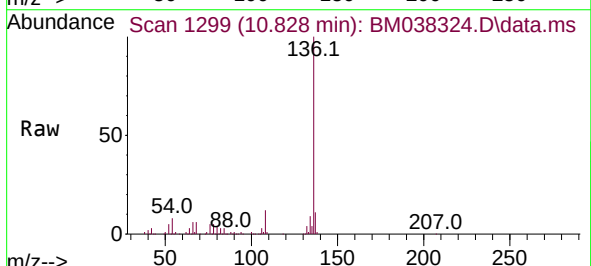
Instrument :
BNA_M
ClientSampleId :
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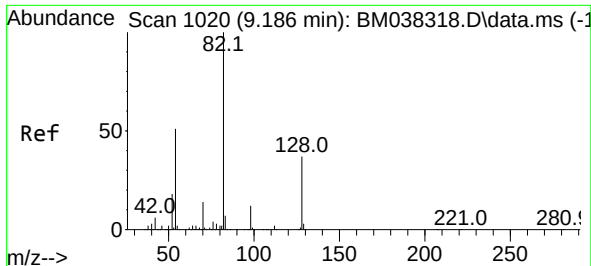
Tgt Ion: 99 Resp: 577271
Ion Ratio Lower Upper
99 100
42 22.0 17.7 26.5
71 40.4 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.828 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BM038324.D
Acq: 27 Dec 2022 20:34

Tgt Ion: 136 Resp: 286721
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.5 6.7 10.1
68 5.5 4.7 7.1





#23

Nitrobenzene-d5

Concen: 84.787 ng

RT: 9.187 min Scan# 10

Delta R.T. 0.000 min

Lab File: BM038324.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_M

ClientSampleId :

PB149775BL

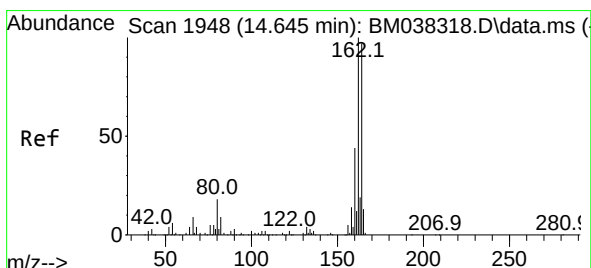
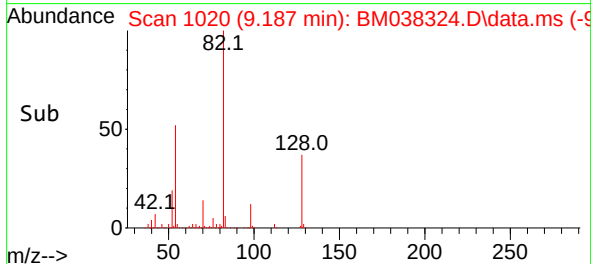
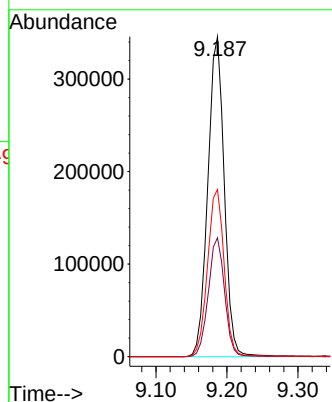
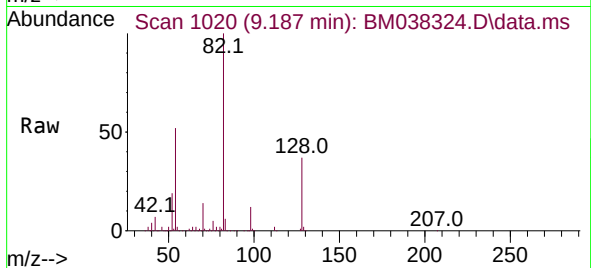
Tgt Ion: 82 Resp: 555094

Ion Ratio Lower Upper

82 100

128 37.1 29.4 44.2

54 52.2 41.0 61.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.639 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM038324.D

Acq: 27 Dec 2022 20:34

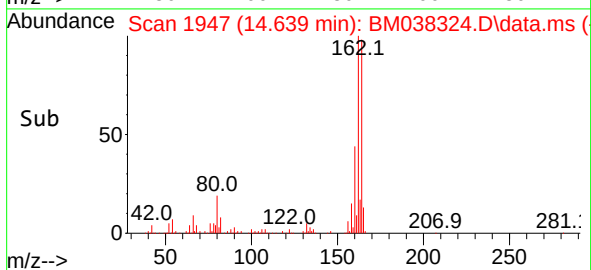
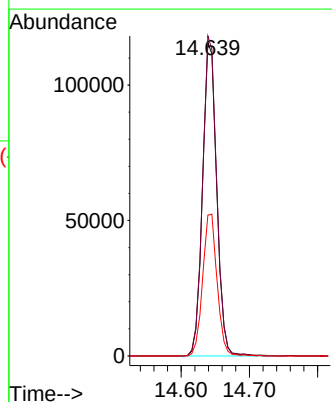
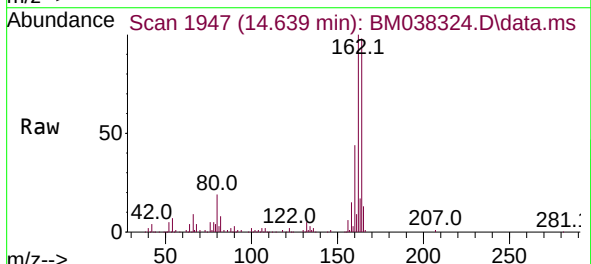
Tgt Ion:164 Resp: 166825

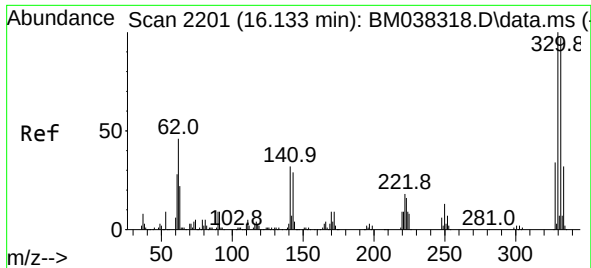
Ion Ratio Lower Upper

164 100

162 102.2 82.6 124.0

160 44.9 36.7 55.1

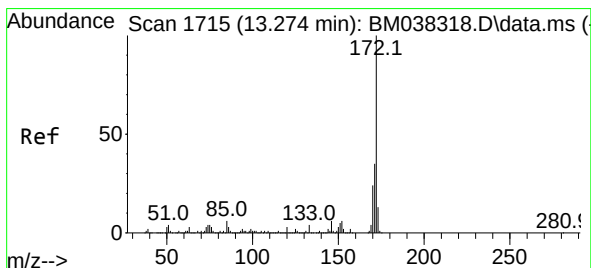
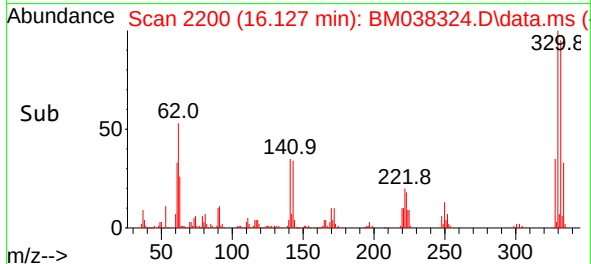
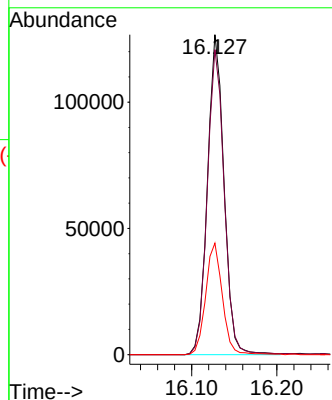
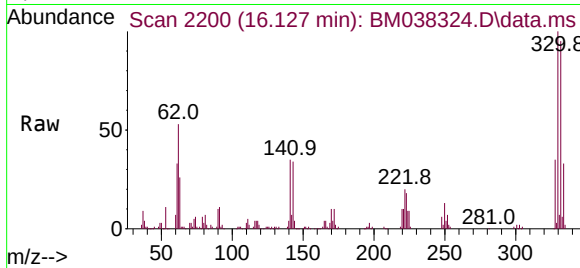




#42
2,4,6-Tribromophenol
Concen: 67.447 ng
RT: 16.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038324.D
Acq: 27 Dec 2022 20:34

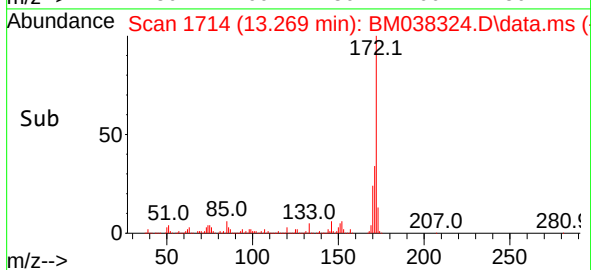
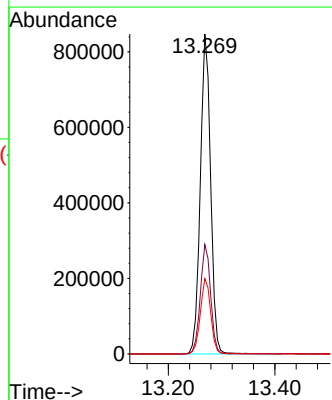
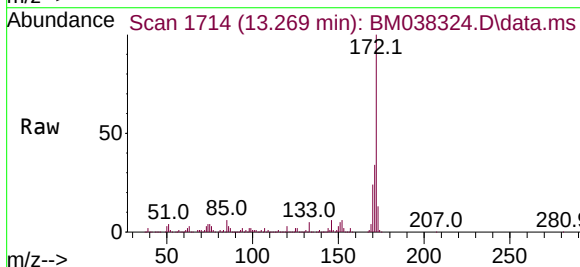
Instrument :
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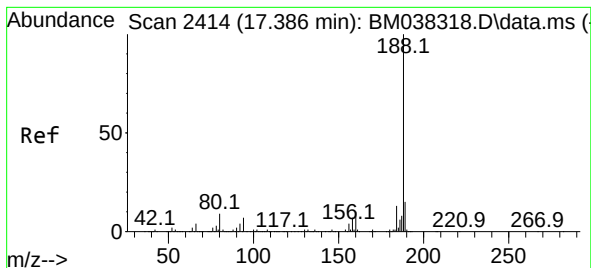
Tgt Ion:330 Resp: 171411
Ion Ratio Lower Upper
330 100
332 97.3 77.2 115.8
141 35.0 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 85.441 ng
RT: 13.269 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM038324.D
Acq: 27 Dec 2022 20:34

Tgt Ion:172 Resp: 1132719
Ion Ratio Lower Upper
172 100
171 34.2 28.2 42.2
170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.386 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BM038324.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_M

ClientSampleId :

PB149775BL

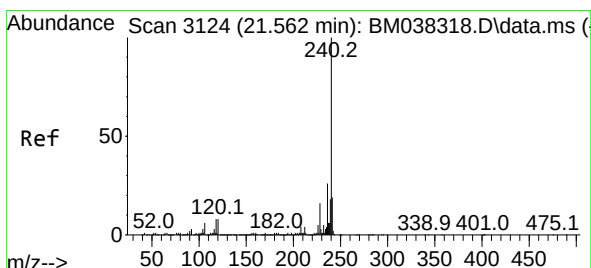
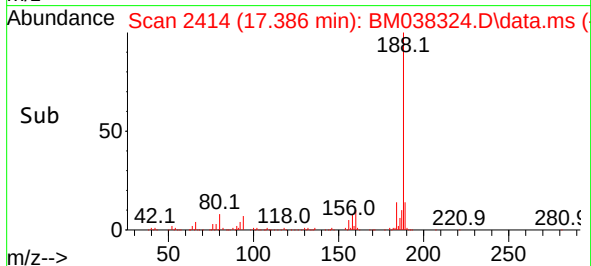
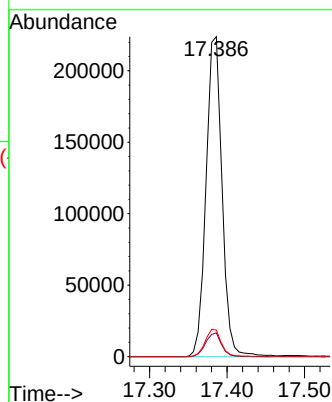
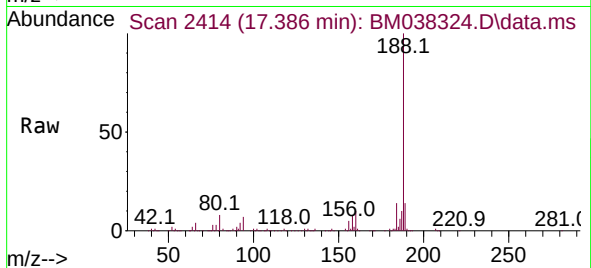
Tgt Ion:188 Resp: 321483

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

80 8.3 7.1 10.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.550 min Scan# 3122

Delta R.T. -0.012 min

Lab File: BM038324.D

Acq: 27 Dec 2022 20:34

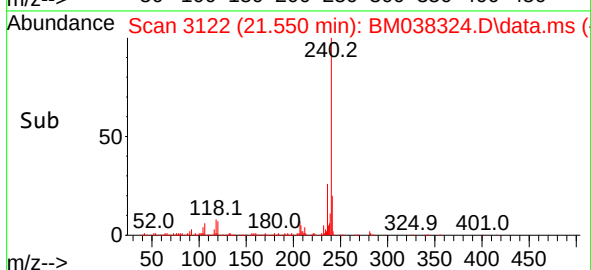
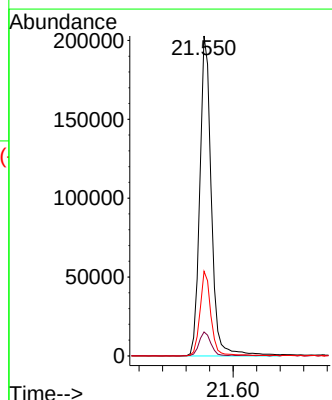
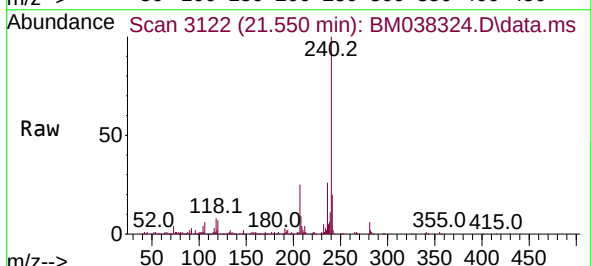
Tgt Ion:240 Resp: 275963

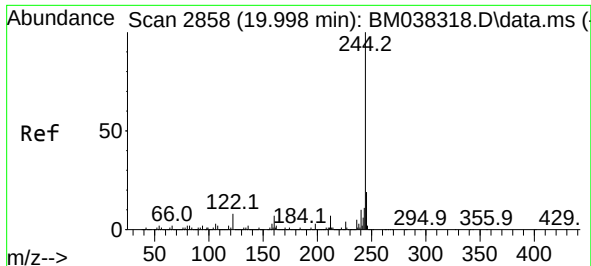
Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

236 26.4 20.6 30.8

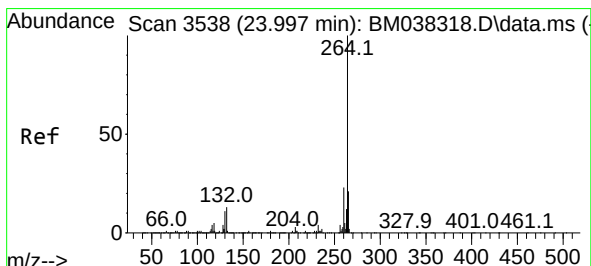
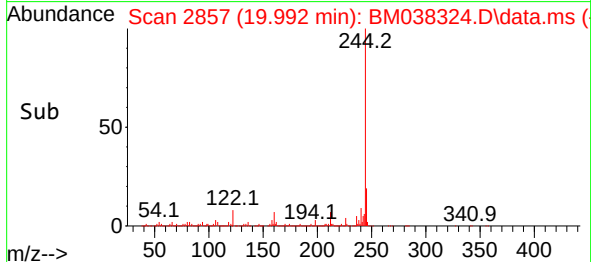
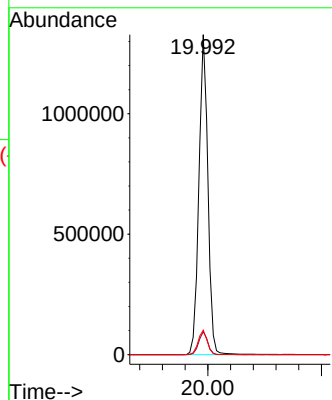
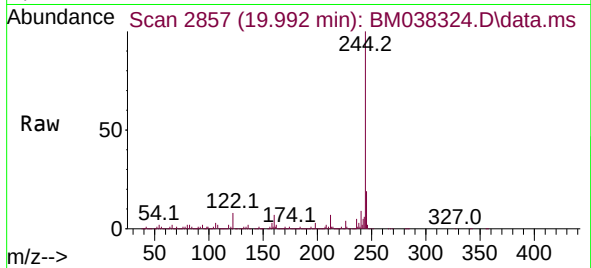




#79
 Terphenyl-d14
 Concen: 98.955 ng
 RT: 19.992 min Scan# 2857
 Delta R.T. -0.006 min
 Lab File: BM038324.D
 Acq: 27 Dec 2022 20:34

Instrument :
 BNA_M
 ClientSampleId :
 PB149775BL

Tgt Ion:244 Resp: 1444669
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 7.6 6.6 9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.991 min Scan# 3537
 Delta R.T. -0.006 min
 Lab File: BM038324.D
 Acq: 27 Dec 2022 20:34

Tgt Ion:264 Resp: 288824
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.4 17.7 26.5

