

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122722\
 Data File : BM038323.D
 Acq On : 27 Dec 2022 19:58
 Operator : CG/JU
 Sample : PB149828BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB149828BL

Quant Time: Dec 28 02:12:33 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	81324	20.000	ng	0.00
21) Naphthalene-d8	10.828	136	285465	20.000	ng	0.00
39) Acenaphthene-d10	14.645	164	171628	20.000	ng	0.00
64) Phenanthrene-d10	17.380	188	350399	20.000	ng	0.00
76) Chrysene-d12	21.556	240	311681	20.000	ng	0.00
86) Perylene-d12	23.991	264	315531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	728365	148.475	ng	0.00
7) Phenol-d6	7.175	99	886635	137.610	ng	0.00
23) Nitrobenzene-d5	9.187	82	554943	85.137	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	325693	124.567	ng	0.00
45) 2-Fluorobiphenyl	13.269	172	1179426	86.474	ng	0.00
79) Terphenyl-d14	19.992	244	1677201	101.717	ng	0.00

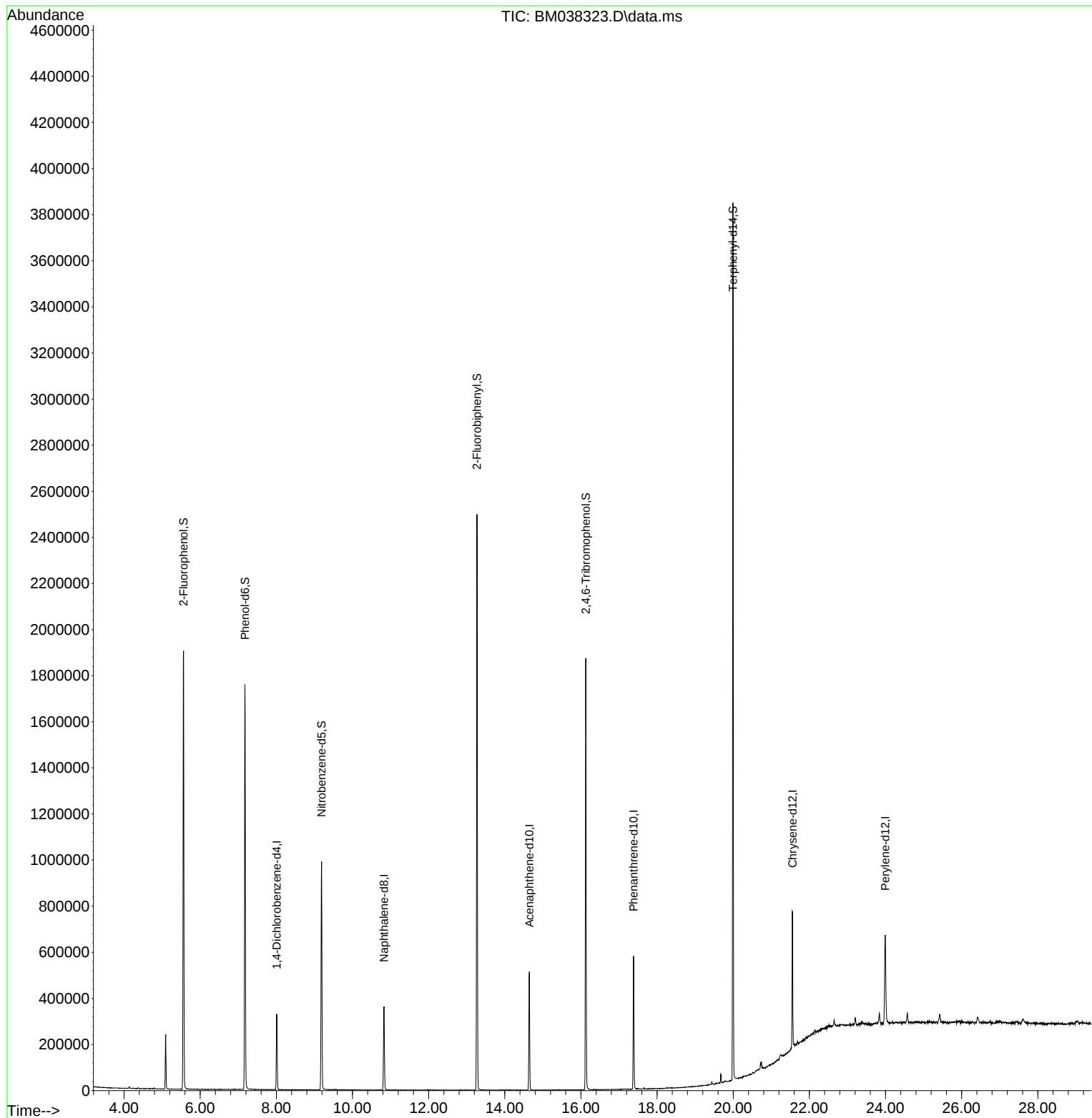
Target Compounds	Qvalue

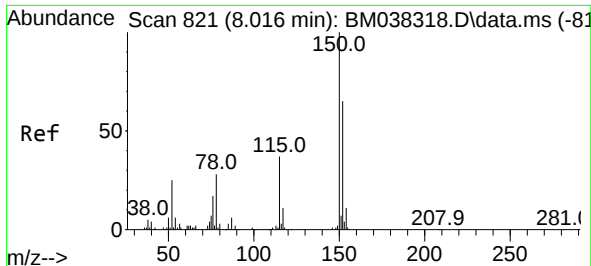
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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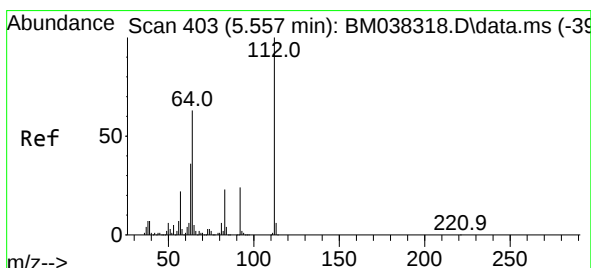
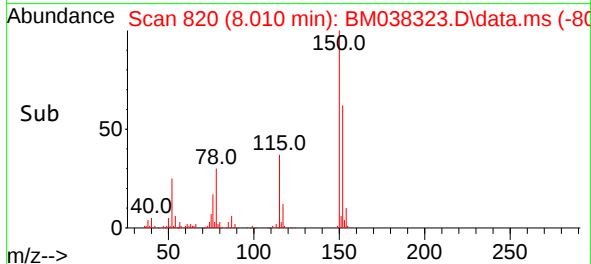
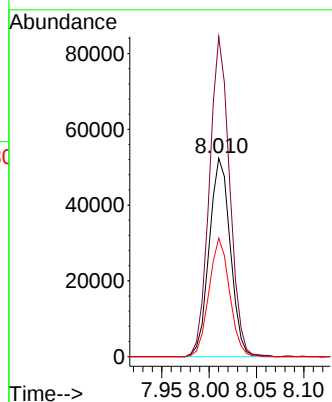
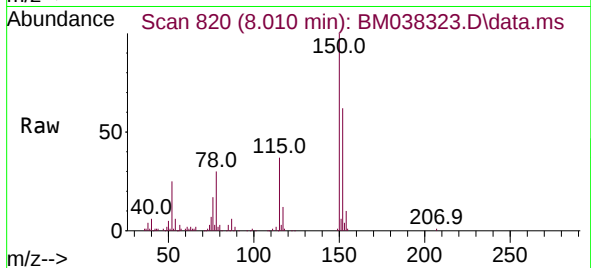




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038323.D
Acq: 27 Dec 2022 19:58

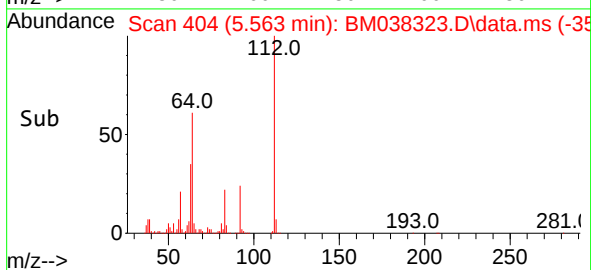
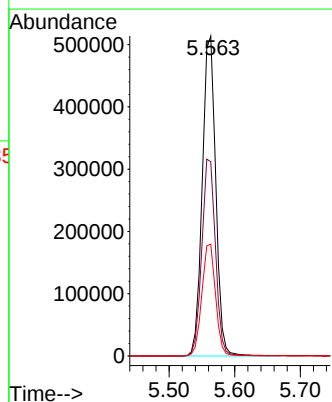
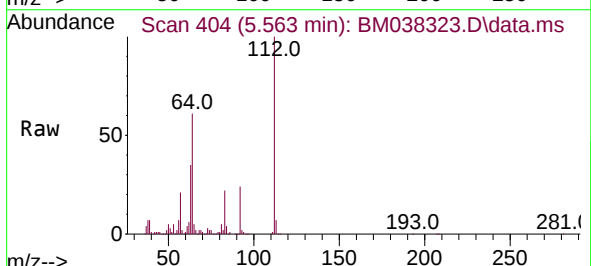
Instrument :
BNA_M
ClientSampleId :
PB149828BL

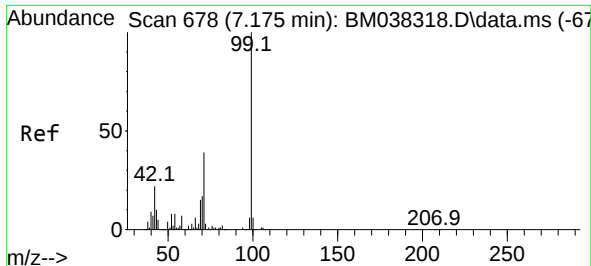
Tgt Ion:152 Resp: 81324
Ion Ratio Lower Upper
152 100
150 161.3 123.0 184.6
115 59.8 45.4 68.2



#5
2-Fluorophenol
Concen: 148.475 ng
RT: 5.563 min Scan# 404
Delta R.T. 0.006 min
Lab File: BM038323.D
Acq: 27 Dec 2022 19:58

Tgt Ion:112 Resp: 728365
Ion Ratio Lower Upper
112 100
64 60.7 50.7 76.1
63 34.9 28.9 43.3

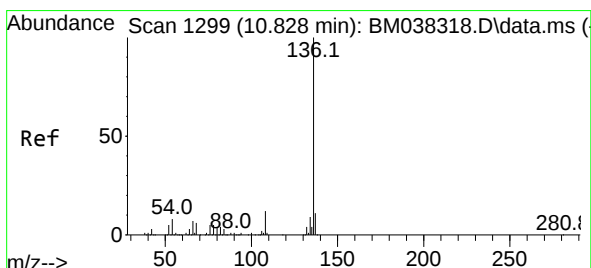
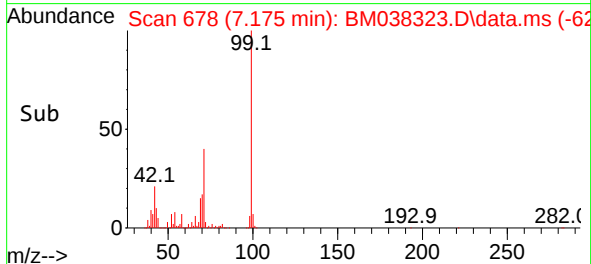
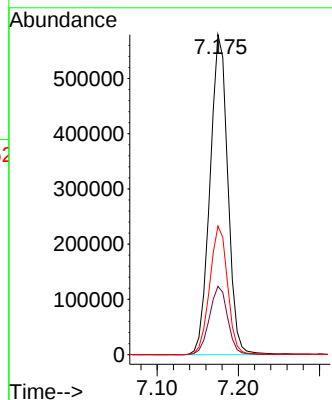
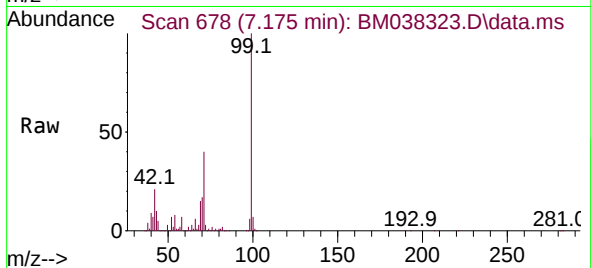




#7
Phenol-d6
Concen: 137.610 ng
RT: 7.175 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038323.D
Acq: 27 Dec 2022 19:58

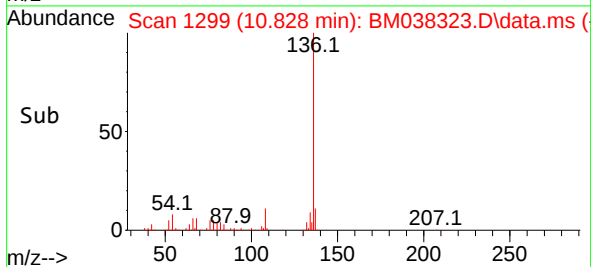
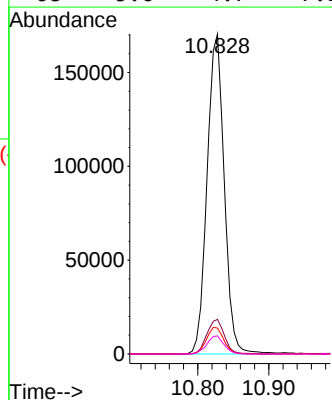
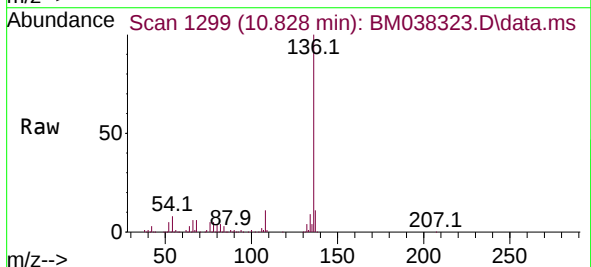
Instrument :
BNA_M
ClientSampleId :
PB149828BL

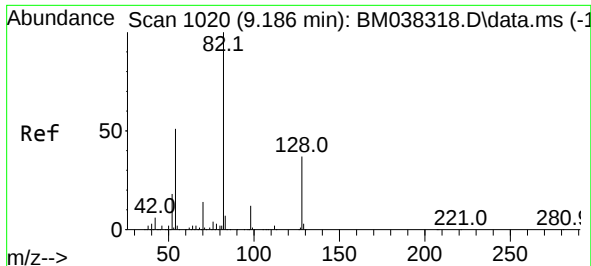
Tgt Ion: 99 Resp: 886635
Ion Ratio Lower Upper
99 100
42 21.3 17.7 26.5
71 40.1 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.828 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BM038323.D
Acq: 27 Dec 2022 19:58

Tgt Ion: 136 Resp: 285465
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.1 6.7 10.1
68 5.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 85.137 ng

RT: 9.187 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BM038323.D

Acq: 27 Dec 2022 19:58

Instrument :

BNA_M

ClientSampleId :

PB149828BL

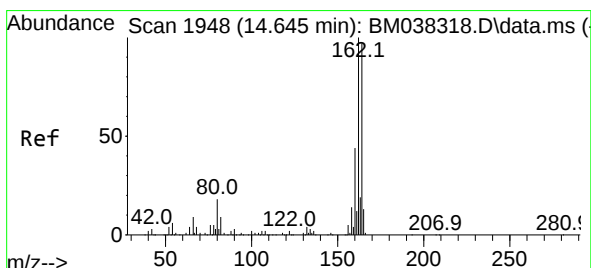
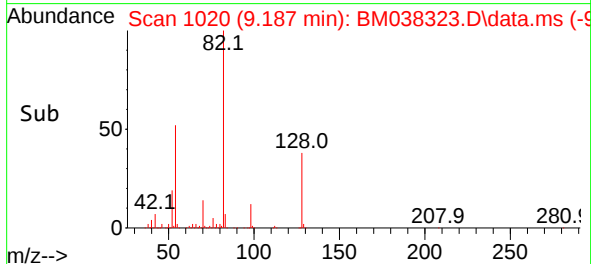
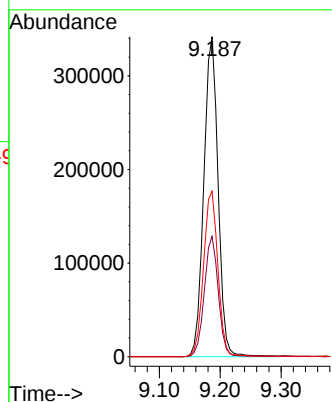
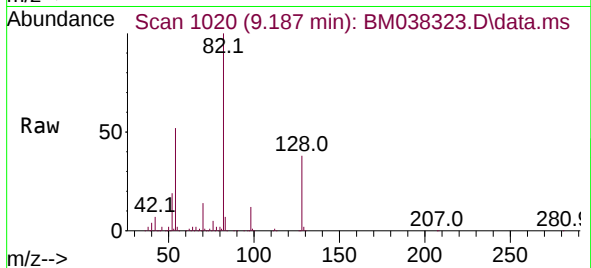
Tgt Ion: 82 Resp: 554943

Ion Ratio Lower Upper

82 100

128 37.6 29.4 44.2

54 51.7 41.0 61.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.645 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BM038323.D

Acq: 27 Dec 2022 19:58

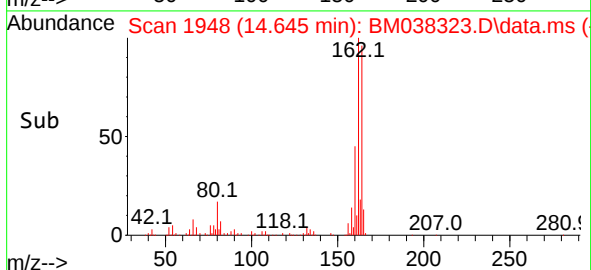
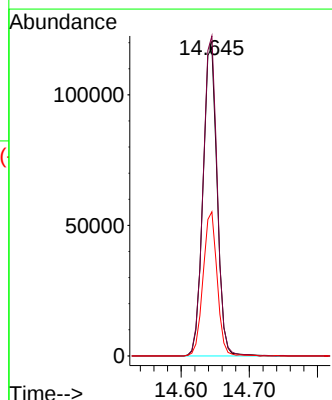
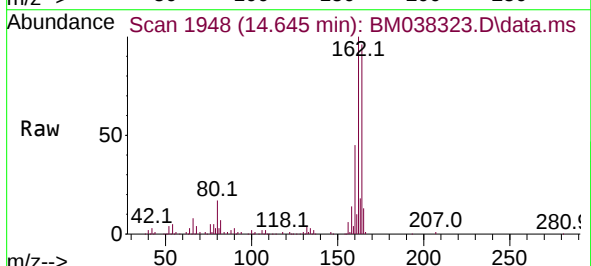
Tgt Ion: 164 Resp: 171628

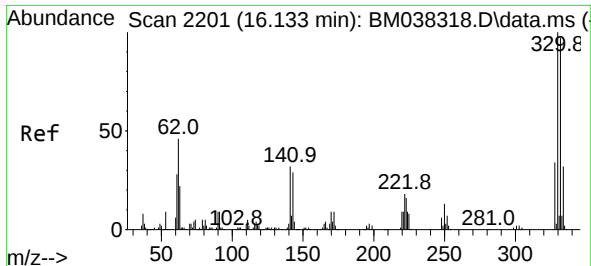
Ion Ratio Lower Upper

164 100

162 103.8 82.6 124.0

160 46.7 36.7 55.1

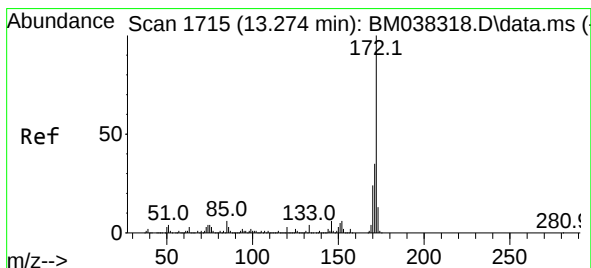
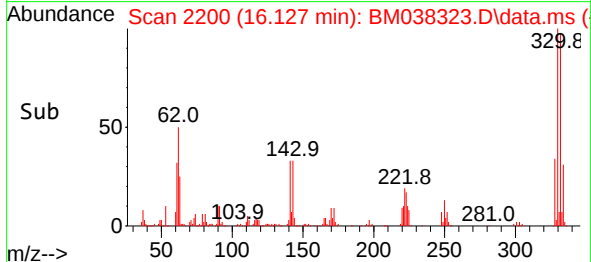
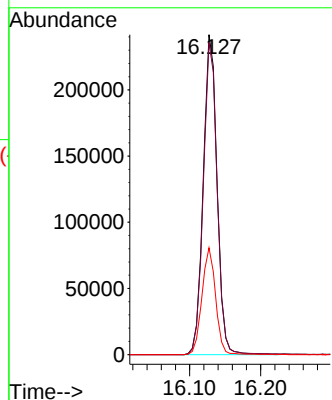
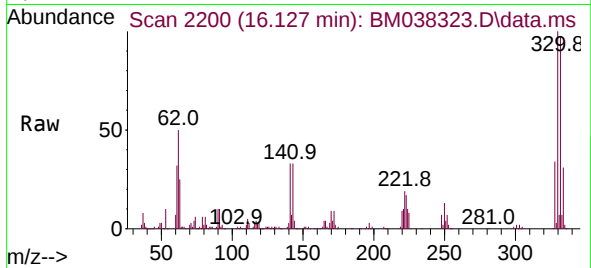




#42
2,4,6-Tribromophenol
Concen: 124.567 ng
RT: 16.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038323.D
Acq: 27 Dec 2022 19:58

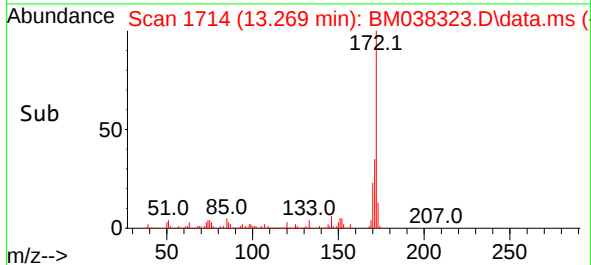
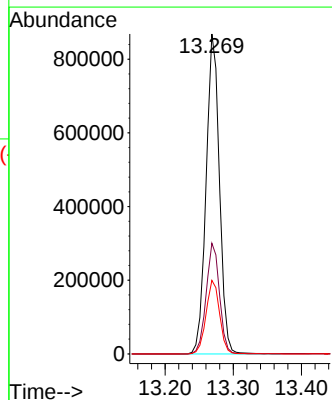
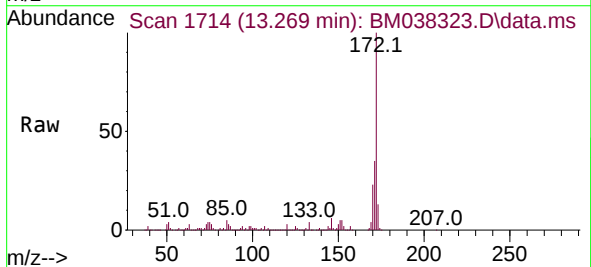
Instrument :
BNA_M
ClientSampleId :
PB149828BL

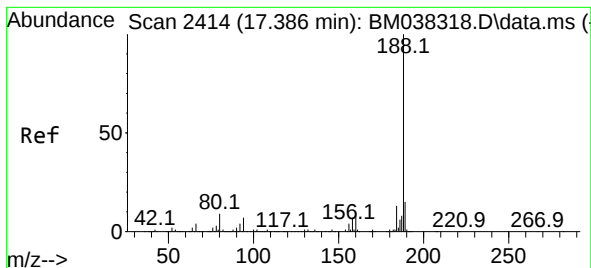
Tgt Ion:330 Resp: 325693
Ion Ratio Lower Upper
330 100
332 97.3 77.2 115.8
141 32.9 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 86.474 ng
RT: 13.269 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM038323.D
Acq: 27 Dec 2022 19:58

Tgt Ion:172 Resp: 1179426
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.380 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM038323.D

Acq: 27 Dec 2022 19:58

Instrument :

BNA_M

ClientSampleId :

PB149828BL

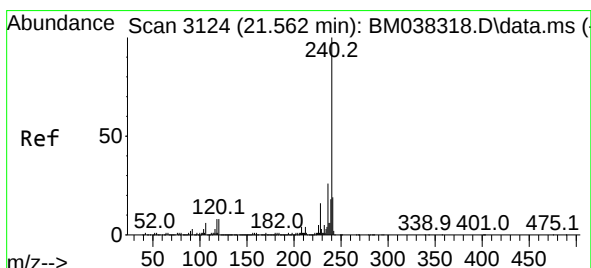
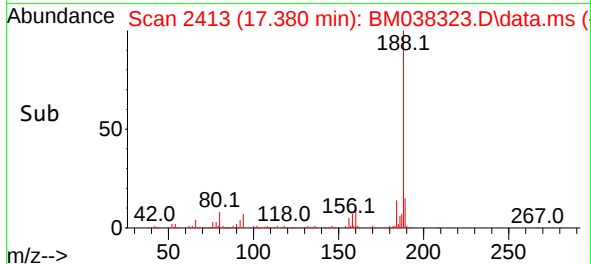
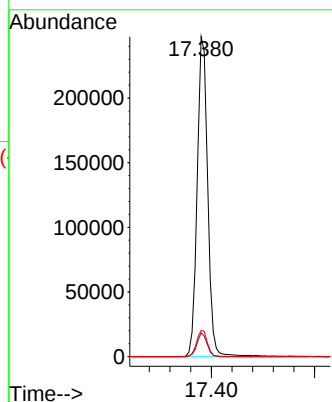
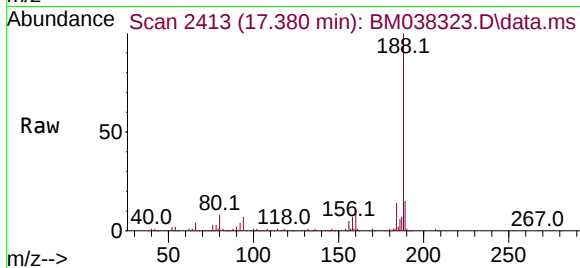
Tgt Ion:188 Resp: 350399

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

80 8.2 7.1 10.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.556 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BM038323.D

Acq: 27 Dec 2022 19:58

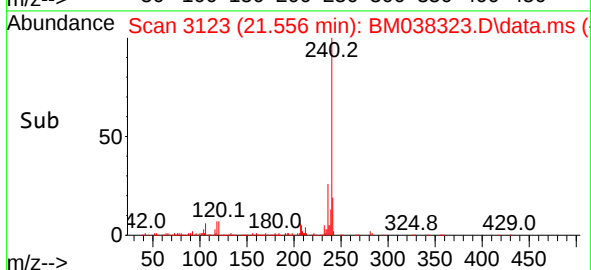
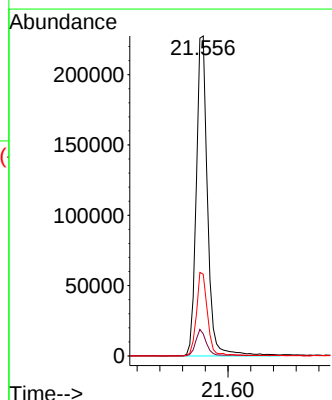
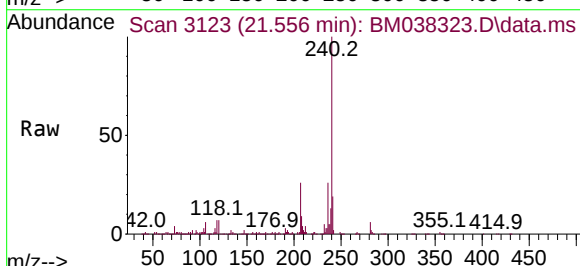
Tgt Ion:240 Resp: 311681

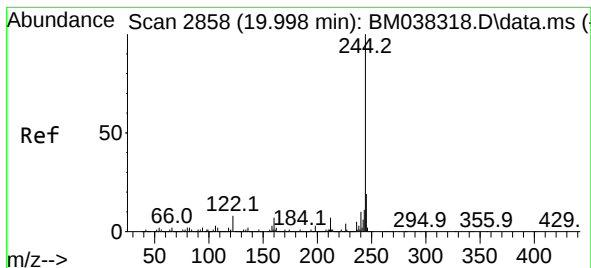
Ion Ratio Lower Upper

240 100

120 6.9 6.6 10.0

236 25.5 20.6 30.8





#79

Terphenyl-d14

Concen: 101.717 ng

RT: 19.992 min Scan# 2858

Delta R.T. -0.006 min

Lab File: BM038323.D

Acq: 27 Dec 2022 19:58

Instrument :

BNA_M

ClientSampleId :

PB149828BL

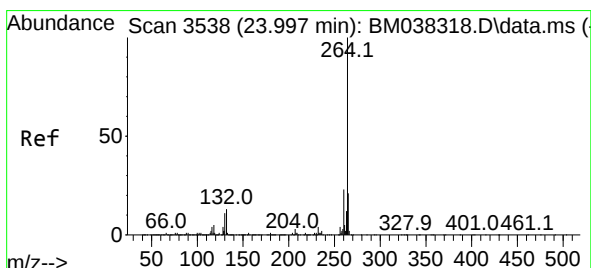
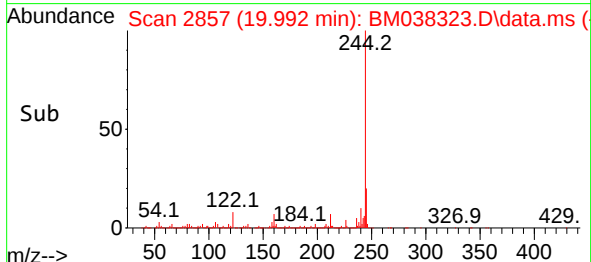
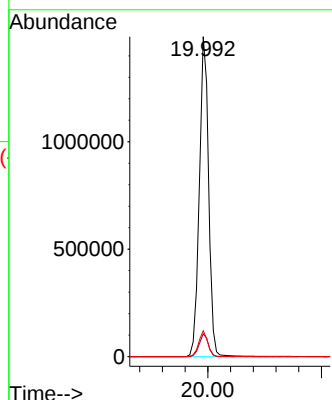
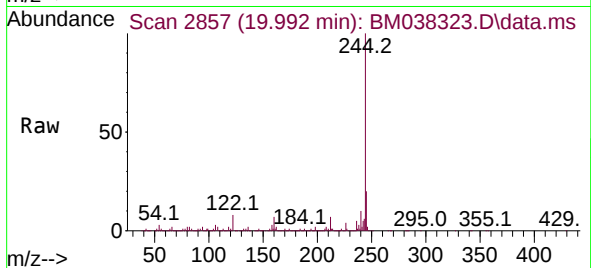
Tgt Ion:244 Resp: 1677201

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 8.1 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: BM038323.D

Acq: 27 Dec 2022 19:58

Tgt Ion:264 Resp: 315531

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.9 17.7 26.5

