

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012023\
 Data File : BM038504.D
 Acq On : 20 Jan 2023 17:51
 Operator : CG/JU
 Sample : PB150235BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150235BL

Quant Time: Jan 21 01:24:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	67058	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	218490	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	124526	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	262266	20.000	ng	# 0.00
76) Chrysene-d12	21.515	240	232588	20.000	ng	0.00
86) Perylene-d12	23.932	264	286896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	449493	110.810	ng	0.00
7) Phenol-d6	7.134	99	729243	140.902	ng	0.00
23) Nitrobenzene-d5	9.145	82	447026	88.847	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	266914	148.847	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	1001343	99.053	ng	0.00
79) Terphenyl-d14	19.956	244	1335744	111.960	ng	0.00

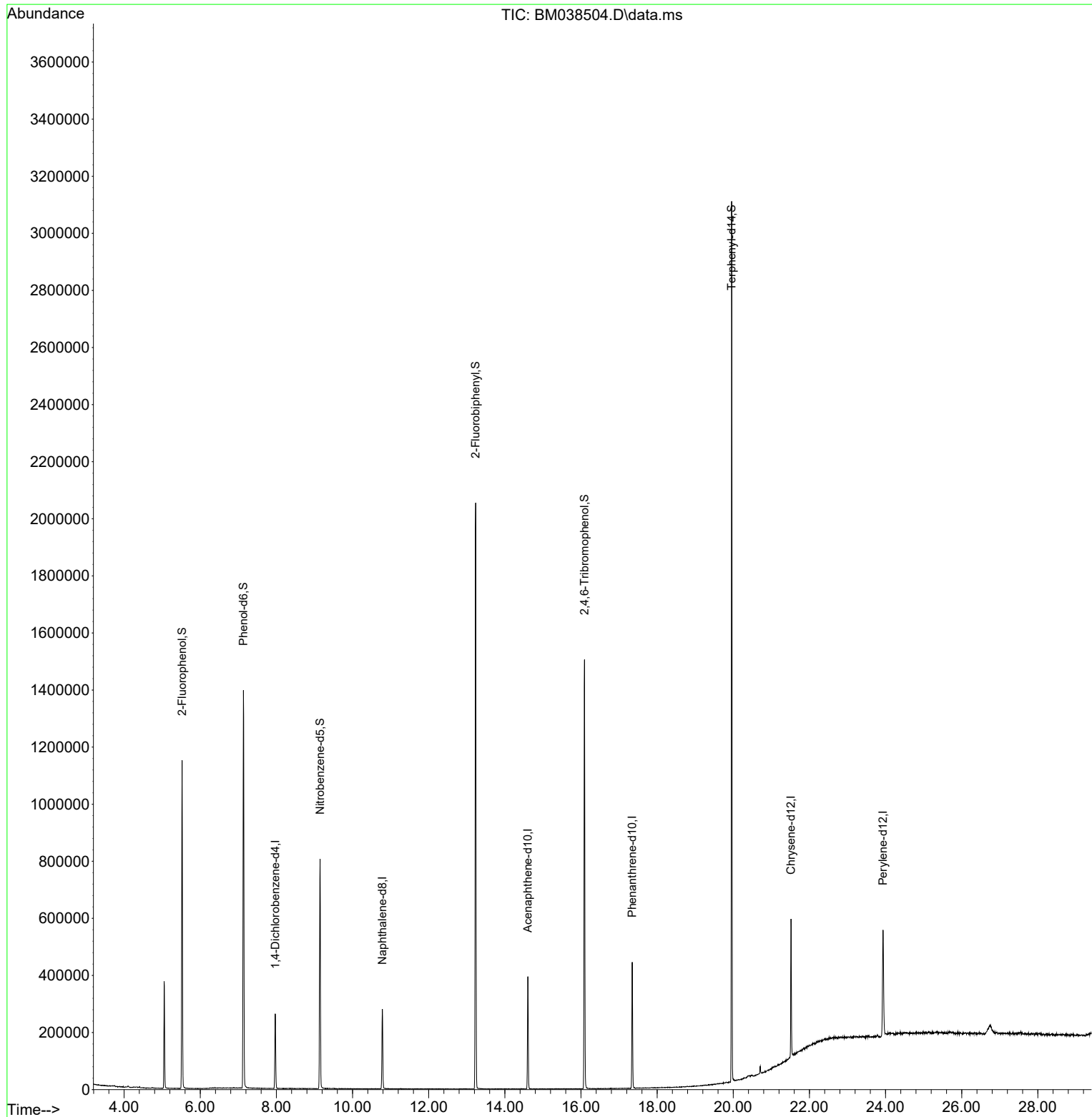
Target Compounds	Qvalue

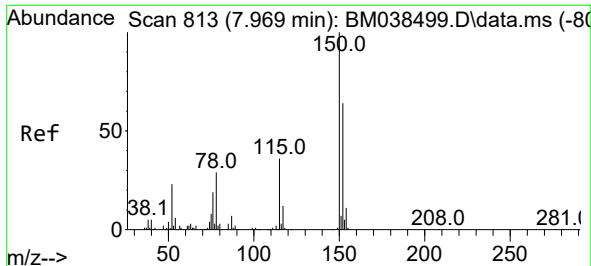
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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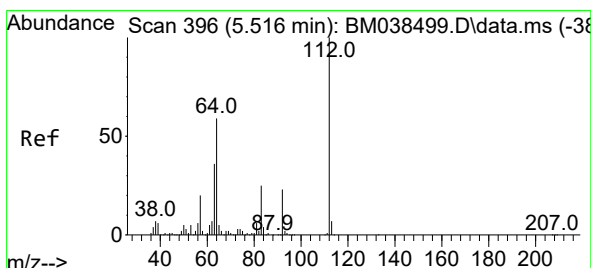
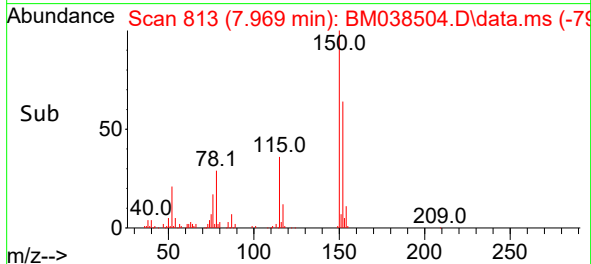
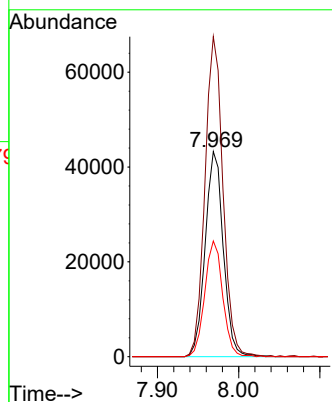
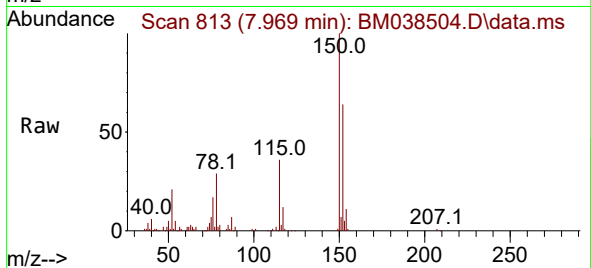




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM038504.D
Acq: 20 Jan 2023 17:51

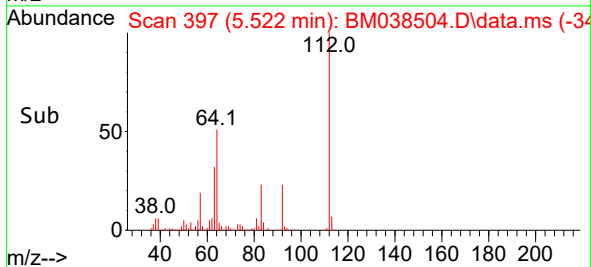
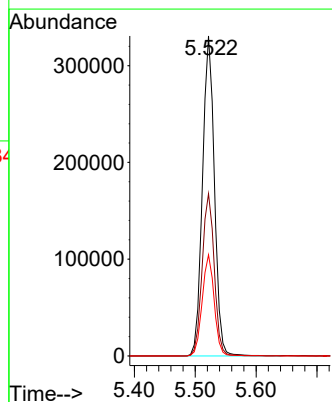
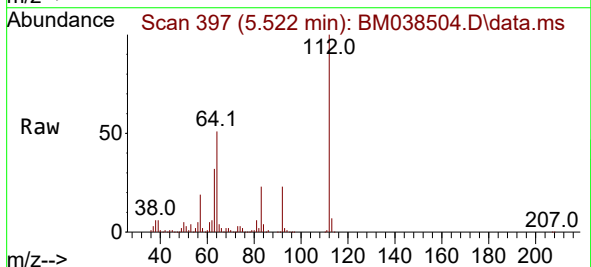
Instrument :
BNA_M
ClientSampleId :
PB150235BL

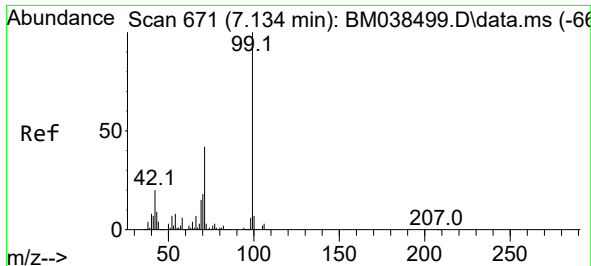
Tgt Ion:152 Resp: 67058
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.4
115 56.4 44.8 67.2



#5
2-Fluorophenol
Concen: 110.810 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM038504.D
Acq: 20 Jan 2023 17:51

Tgt Ion:112 Resp: 449493
Ion Ratio Lower Upper
112 100
64 50.7 47.3 70.9
63 31.6 28.8 43.2

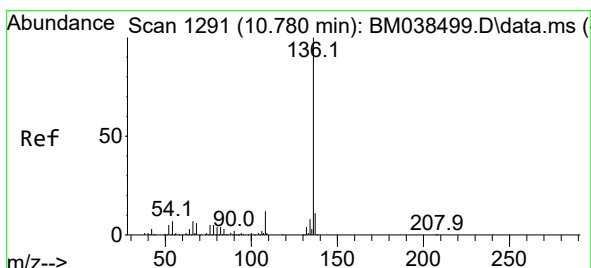
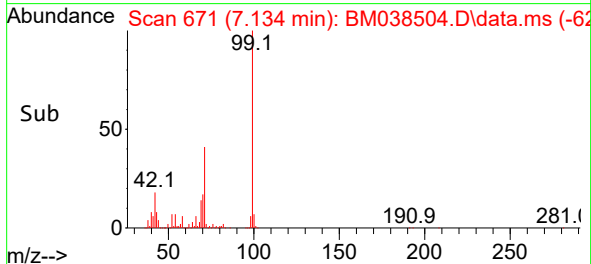
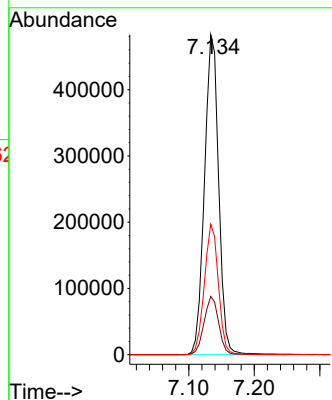
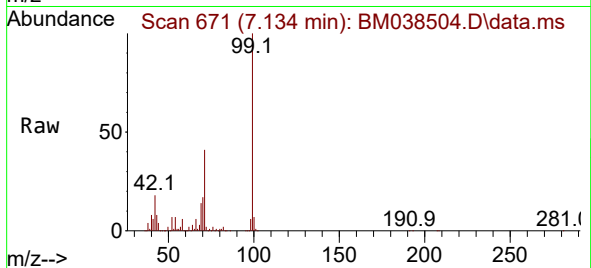




#7
Phenol-d6
Concen: 140.902 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM038504.D
Acq: 20 Jan 2023 17:51

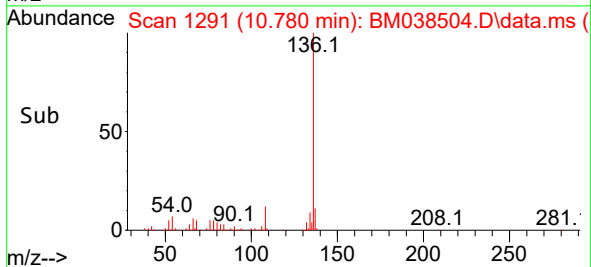
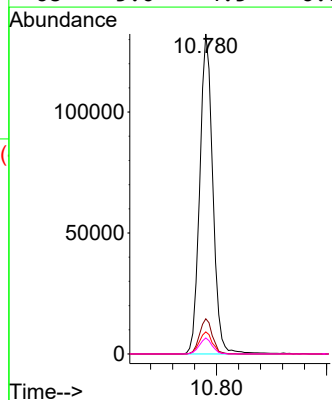
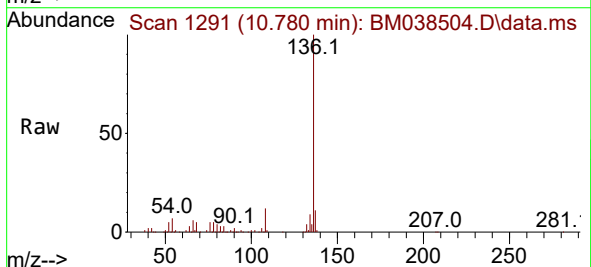
Instrument :
BNA_M
ClientSampleId :
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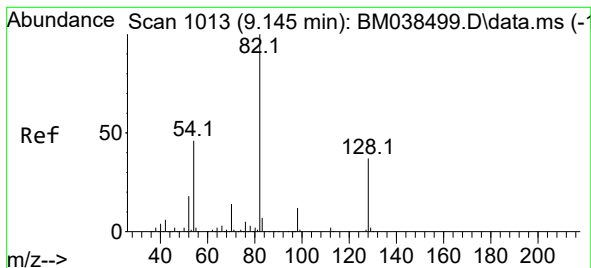
Tgt Ion: 99 Resp: 729243
Ion Ratio Lower Upper
99 100
42 18.2 16.0 24.0
71 40.7 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BM038504.D
Acq: 20 Jan 2023 17:51

Tgt Ion:136 Resp: 218490
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.9 6.0 9.0
68 5.0 4.5 6.7

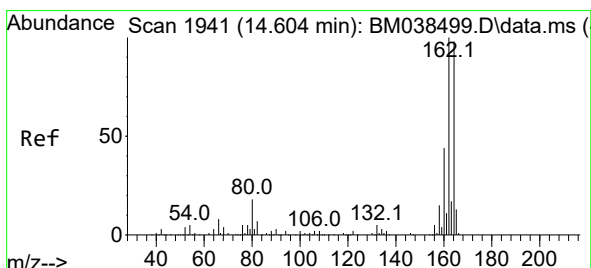
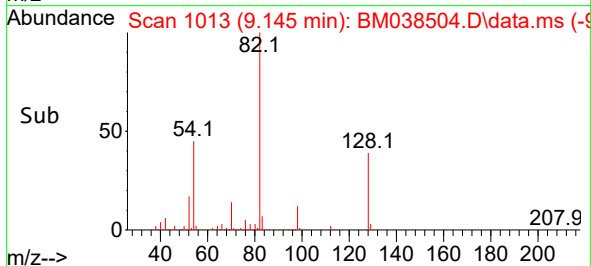
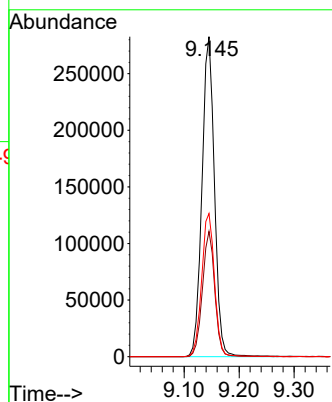
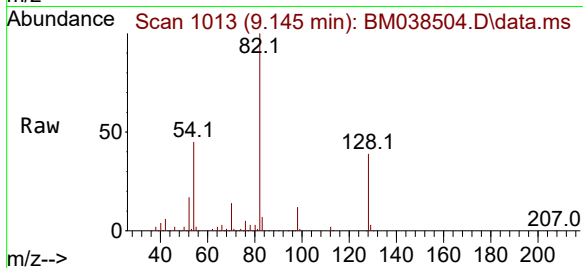




#23
Nitrobenzene-d5
Concen: 88.847 ng
RT: 9.145 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BM038504.D
Acq: 20 Jan 2023 17:51

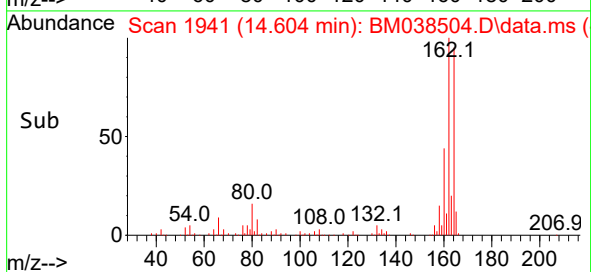
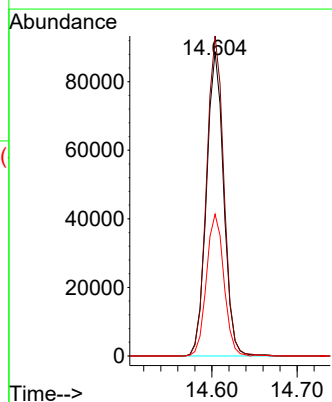
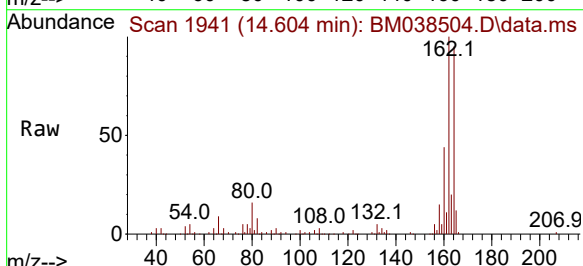
Instrument :
BNA_M
ClientSampleId :
PB150235BL

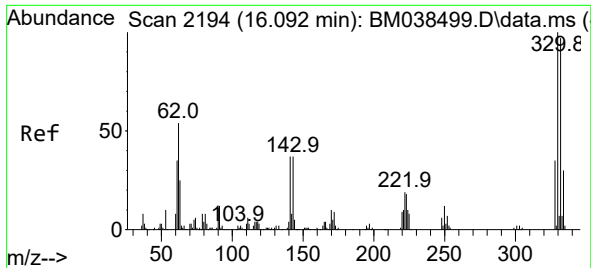
Tgt Ion: 82 Resp: 447026
Ion Ratio Lower Upper
82 100
128 39.2 29.3 43.9
54 44.8 36.9 55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM038504.D
Acq: 20 Jan 2023 17:51

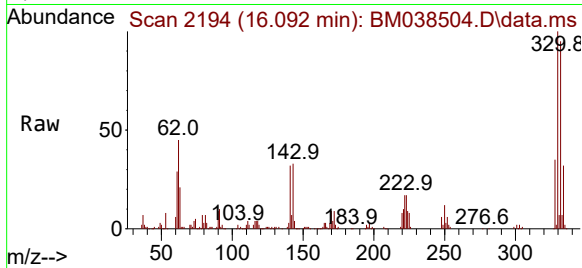
Tgt Ion: 164 Resp: 124526
Ion Ratio Lower Upper
164 100
162 105.2 82.0 123.0
160 46.6 35.8 53.6



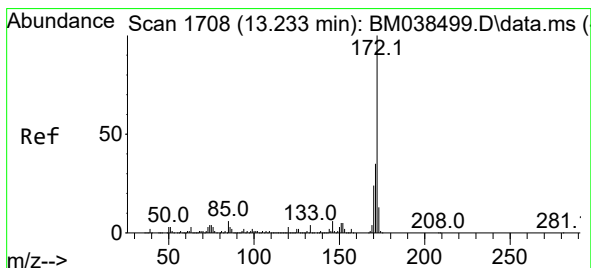
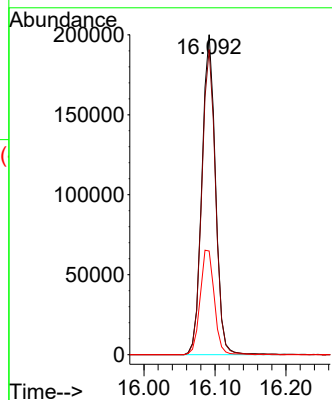
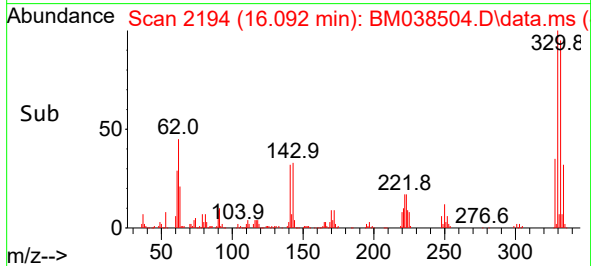


#42
2,4,6-Tribromophenol
Concen: 148.847 ng
RT: 16.092 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BM038504.D
Acq: 20 Jan 2023 17:51

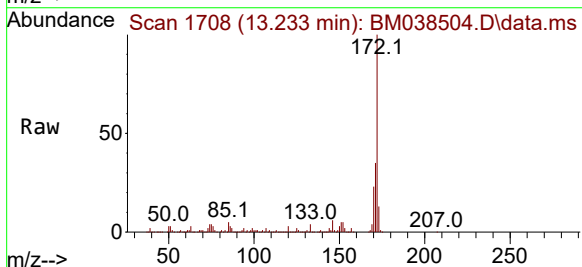
Instrument :
BNA_M
ClientSampleId :
PB150235BL



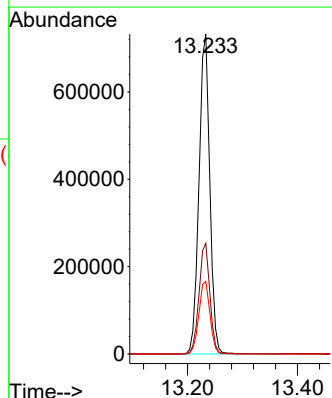
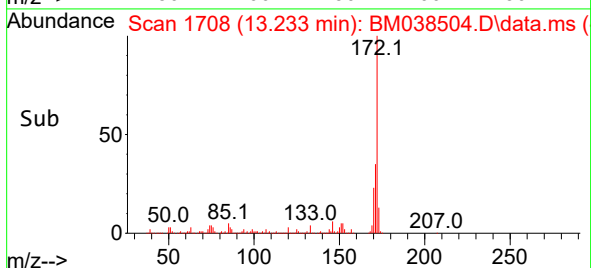
Tgt Ion:330 Resp: 266914
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 33.9 29.0 43.4

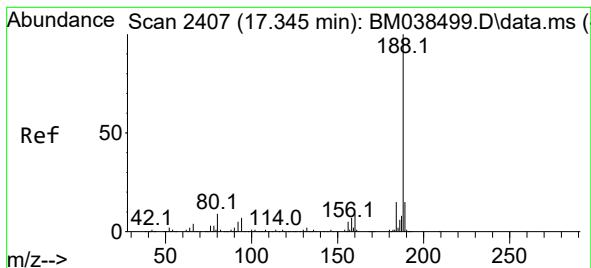


#45
2-Fluorobiphenyl
Concen: 99.053 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BM038504.D
Acq: 20 Jan 2023 17:51



Tgt Ion:172 Resp: 1001343
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 22.6 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.345 min Scan# 2407

Delta R.T. -0.000 min

Lab File: BM038504.D

Acq: 20 Jan 2023 17:51

Instrument :

BNA_M

ClientSampleId :

PB150235BL

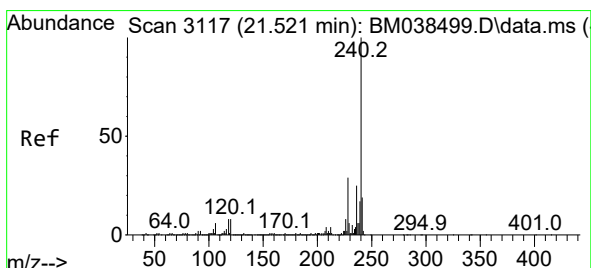
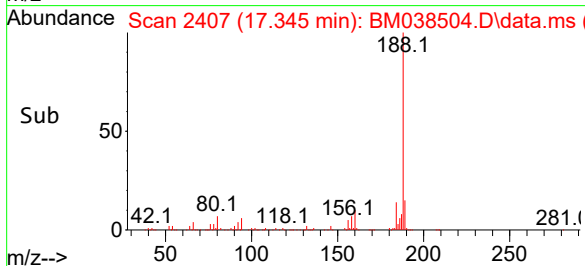
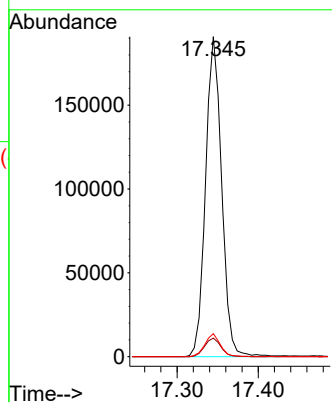
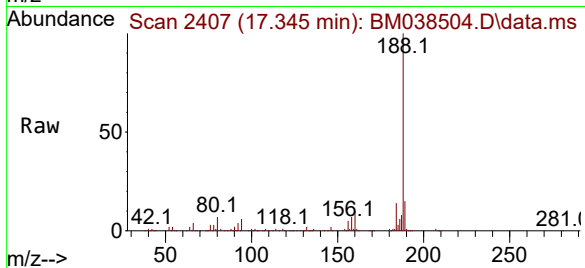
Tgt Ion:188 Resp: 262266

Ion Ratio Lower Upper

188 100

94 5.8 6.0 9.0#

80 7.2 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM038504.D

Acq: 20 Jan 2023 17:51

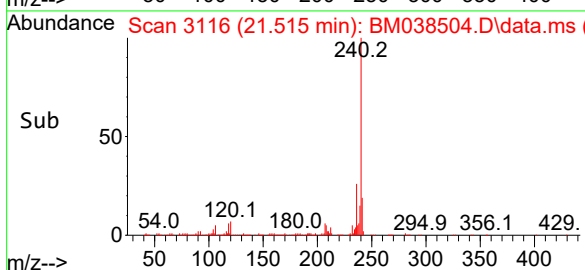
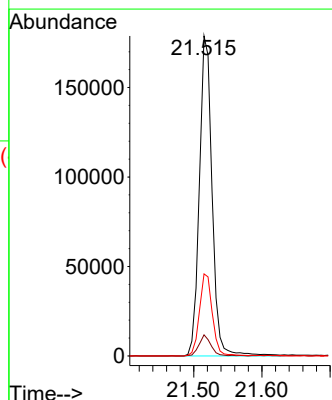
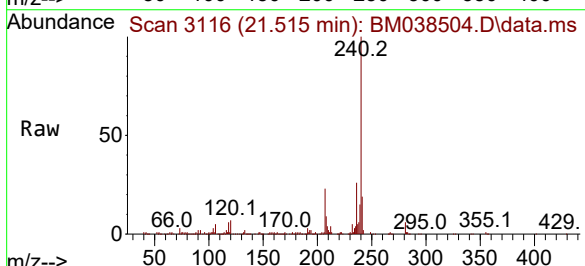
Tgt Ion:240 Resp: 232588

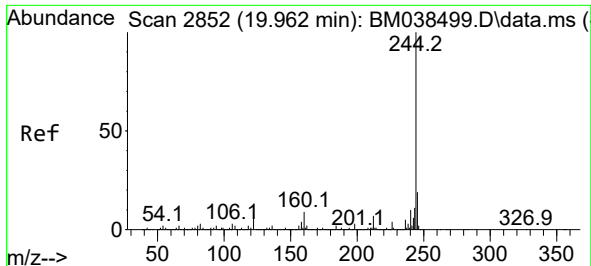
Ion Ratio Lower Upper

240 100

120 6.6 6.2 9.2

236 25.6 20.2 30.2

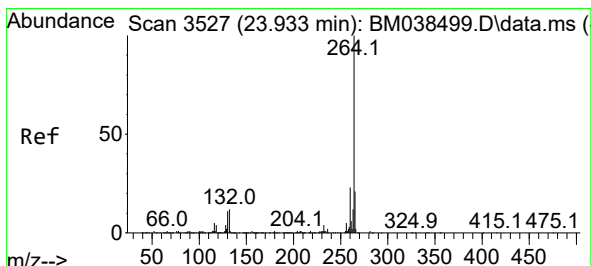
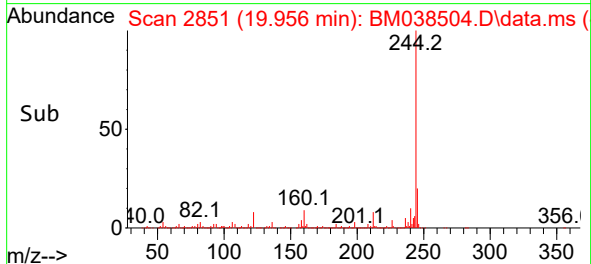
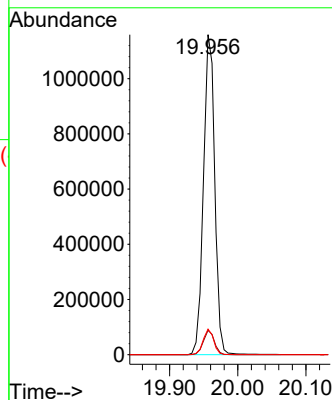
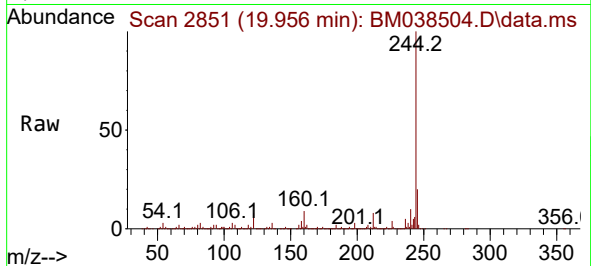




#79
 Terphenyl-d14
 Concen: 111.960 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038504.D
 Acq: 20 Jan 2023 17:51

Instrument :
 BNA_M
 ClientSampleId :
 PB150235BL

Tgt Ion:244 Resp: 1335744
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 8.0 6.7 10.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.932 min Scan# 3527
 Delta R.T. -0.000 min
 Lab File: BM038504.D
 Acq: 20 Jan 2023 17:51

Tgt Ion:264 Resp: 286896
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.5 27.7
 265 22.3 17.8 26.6

