

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011623\
 Data File : BM038459.D
 Acq On : 16 Jan 2023 19:21
 Operator : CG/JU
 Sample : PB150056TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150056TB

Quant Time: Jan 17 03:28:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 03:06:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	64353	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	207994	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	110431	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	214518	20.000	ng	0.00
76) Chrysene-d12	21.527	240	177313	20.000	ng	0.00
86) Perylene-d12	23.950	264	203989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	572869	135.790	ng	0.00
7) Phenol-d6	7.146	99	672164	124.379	ng	0.00
23) Nitrobenzene-d5	9.157	82	443122	86.806	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	221131	118.452	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	807190	91.157	ng	0.00
79) Terphenyl-d14	19.968	244	1022343	107.937	ng	0.00

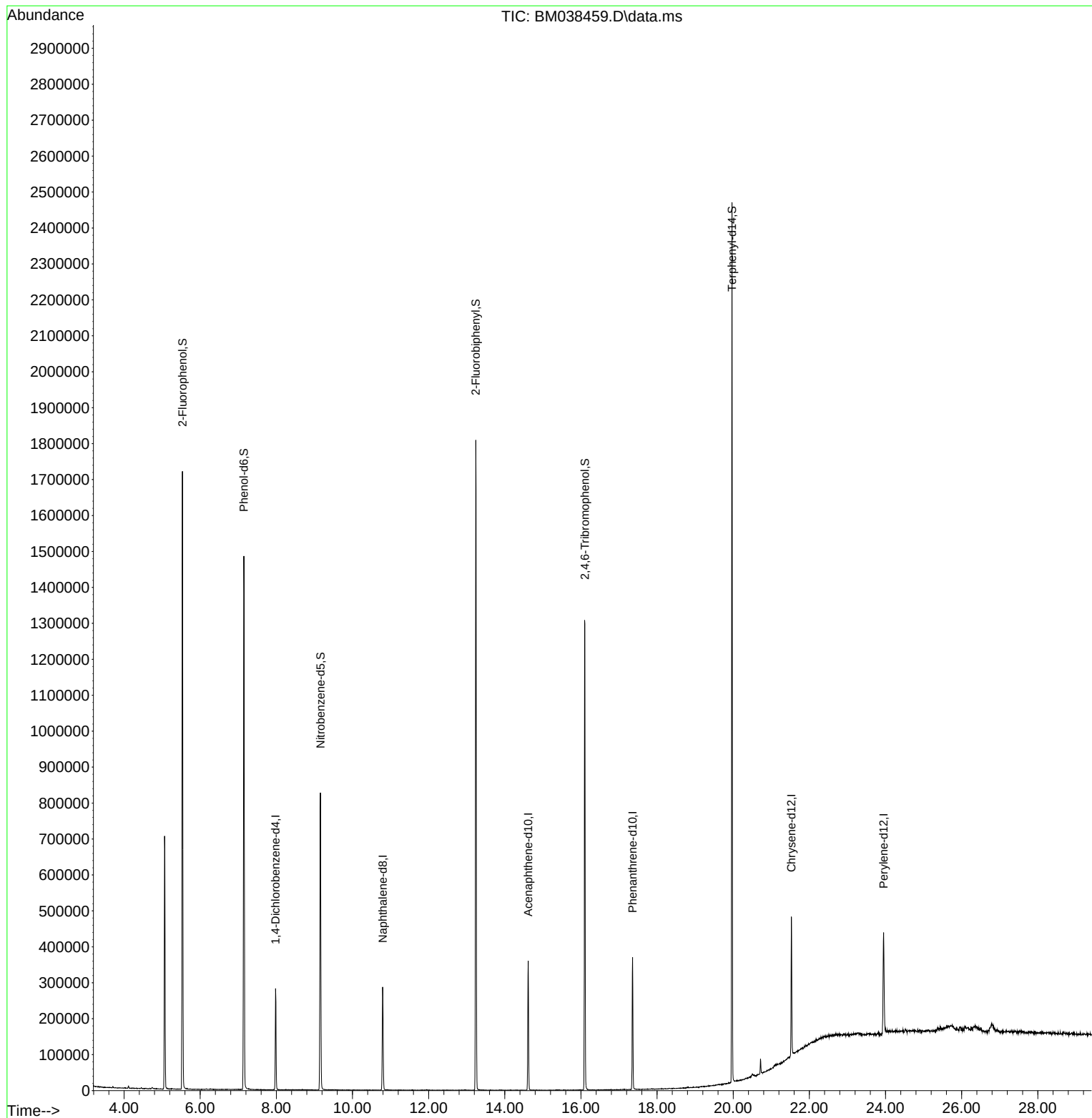
Target Compounds Qvalue

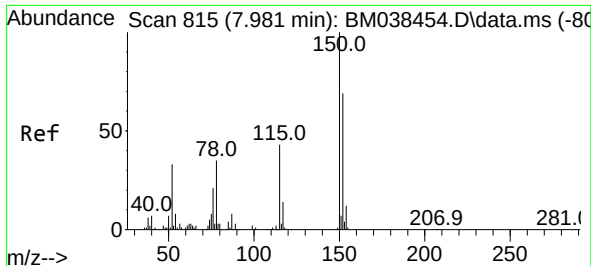
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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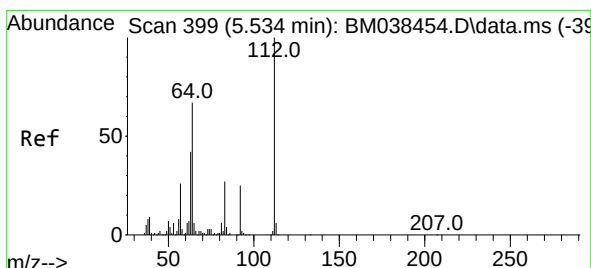
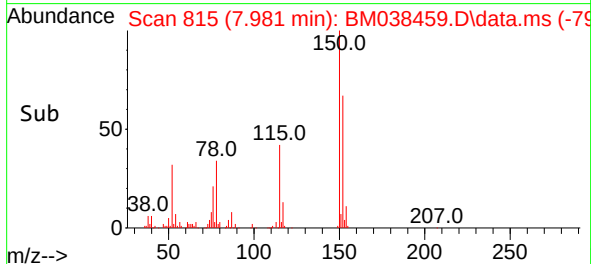
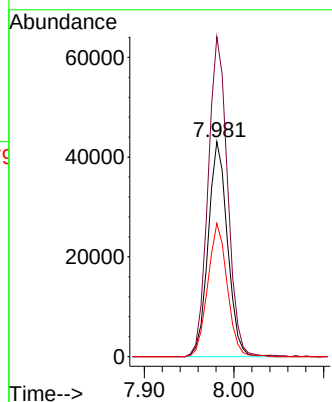
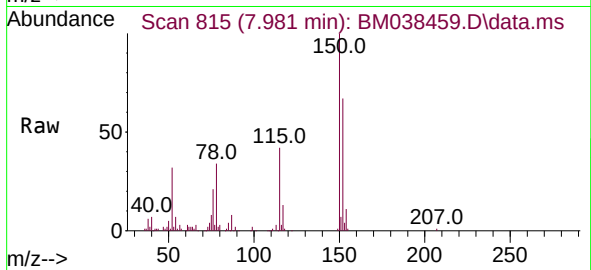




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 815
Delta R.T. -0.000 min
Lab File: BM038459.D
Acq: 16 Jan 2023 19:21

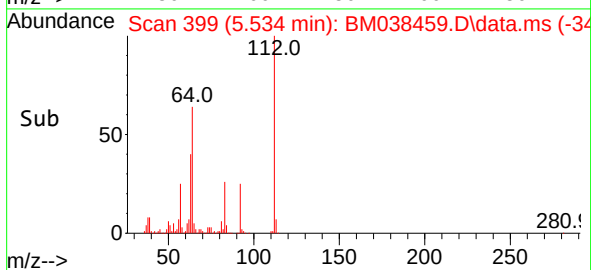
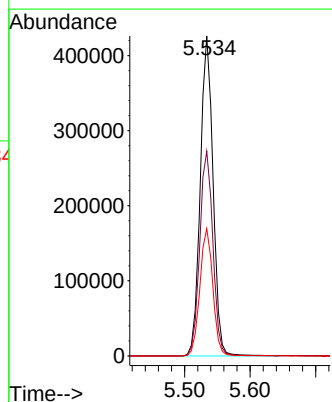
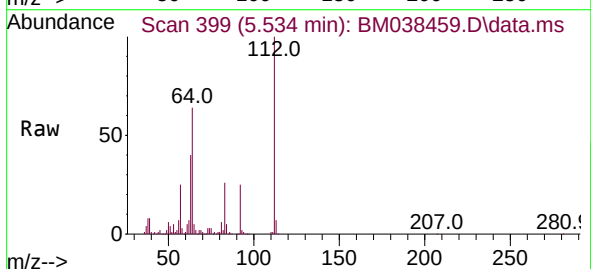
Instrument :
BNA_M
ClientSampleId :
PB150056TB

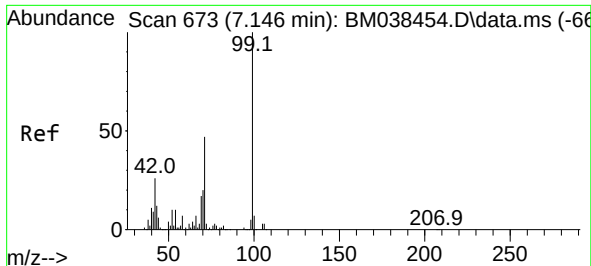
Tgt Ion:152 Resp: 64353
Ion Ratio Lower Upper
152 100
150 148.8 116.0 174.0
115 61.9 49.4 74.2



#5
2-Fluorophenol
Concen: 135.790 ng
RT: 5.534 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM038459.D
Acq: 16 Jan 2023 19:21

Tgt Ion:112 Resp: 572869
Ion Ratio Lower Upper
112 100
64 64.0 53.7 80.5
63 39.8 33.7 50.5

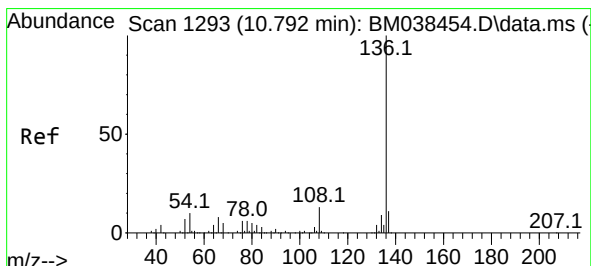
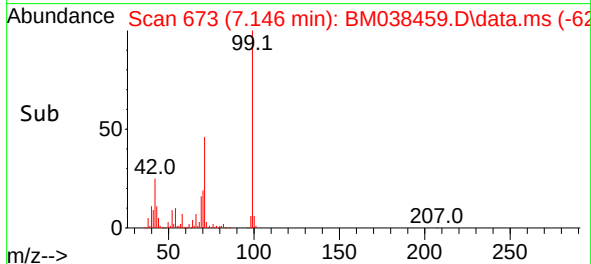
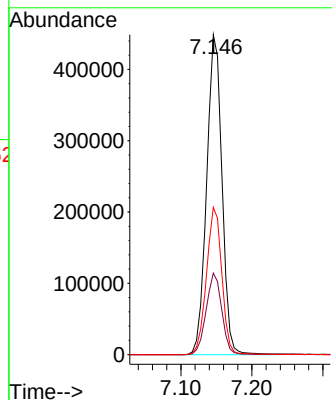
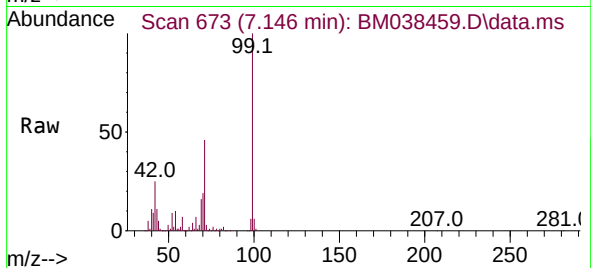




#7
Phenol-d6
Concen: 124.379 ng
RT: 7.146 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038459.D
Acq: 16 Jan 2023 19:21

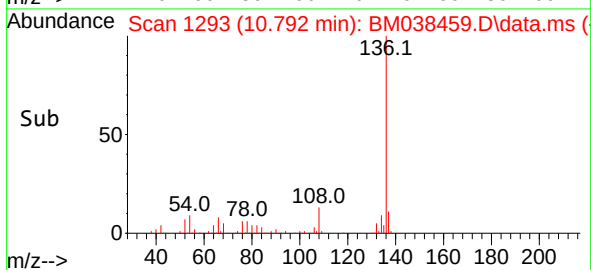
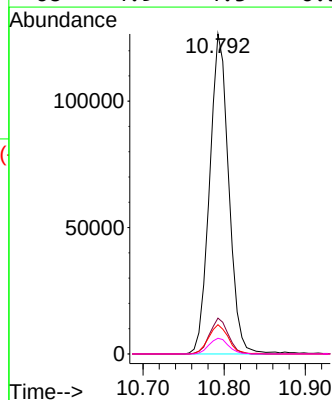
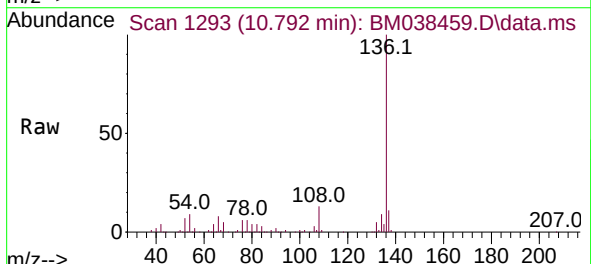
Instrument :
BNA_M
ClientSampleId :
PB150056TB

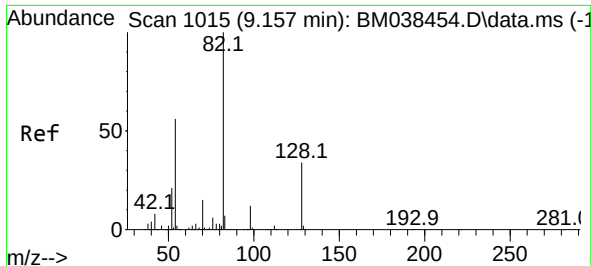
Tgt Ion: 99 Resp: 672164
Ion Ratio Lower Upper
99 100
42 25.5 20.8 31.2
71 46.1 37.8 56.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BM038459.D
Acq: 16 Jan 2023 19:21

Tgt Ion: 136 Resp: 207994
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 9.1 7.6 11.4
68 4.9 4.3 6.5





#23

Nitrobenzene-d5

Concen: 86.806 ng

RT: 9.157 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BM038459.D

Acq: 16 Jan 2023 19:21

Instrument :

BNA_M

ClientSampleId :

PB150056TB

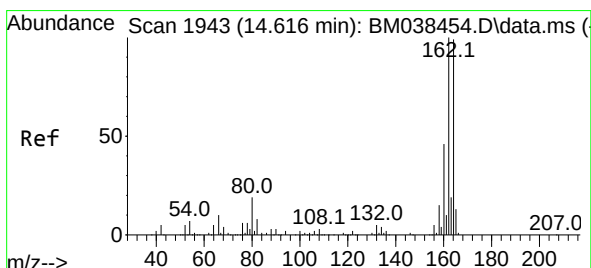
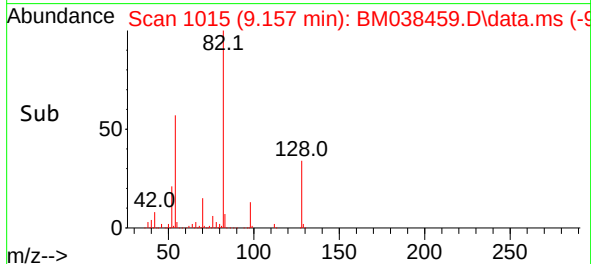
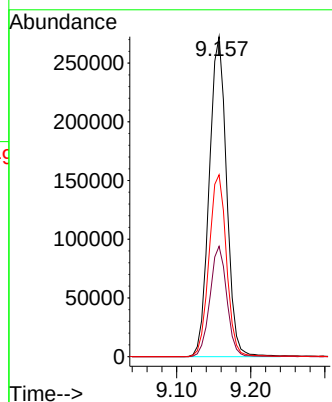
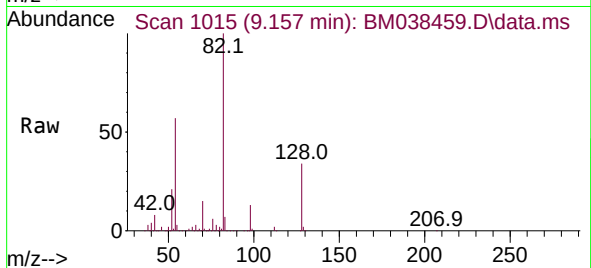
Tgt Ion: 82 Resp: 443122

Ion Ratio Lower Upper

82 100

128 34.5 27.0 40.6

54 56.8 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.616 min Scan# 1943

Delta R.T. 0.000 min

Lab File: BM038459.D

Acq: 16 Jan 2023 19:21

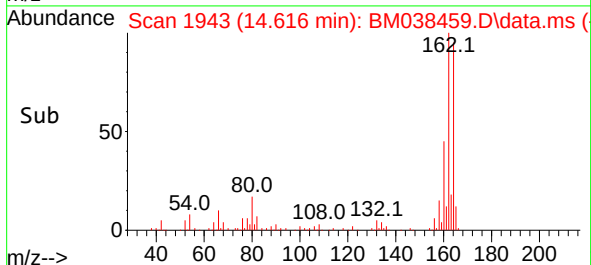
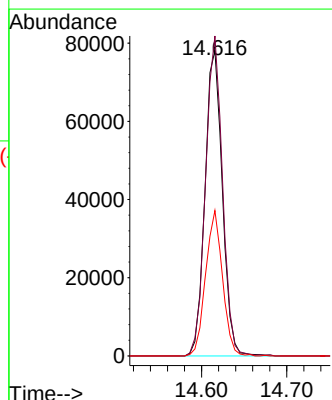
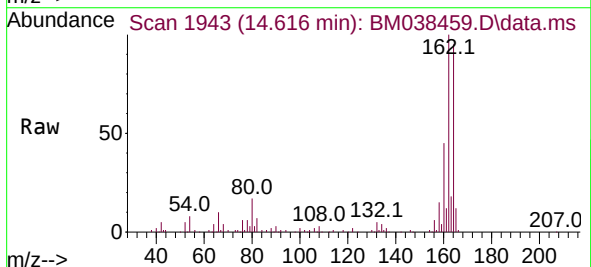
Tgt Ion: 164 Resp: 110431

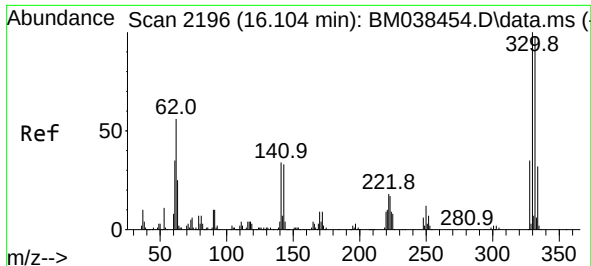
Ion Ratio Lower Upper

164 100

162 104.8 80.9 121.3

160 47.6 37.4 56.0

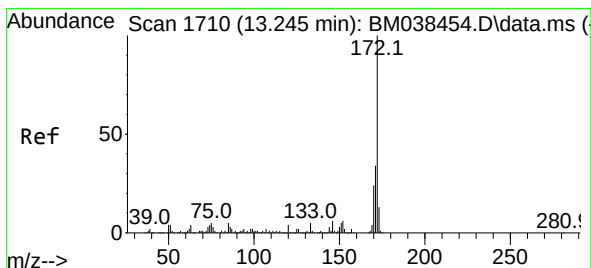
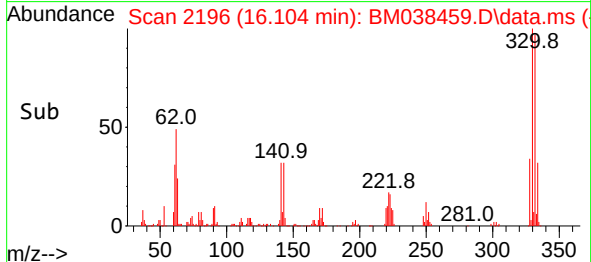
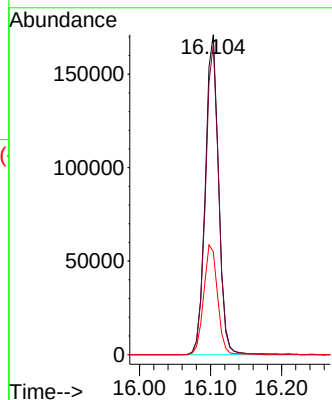
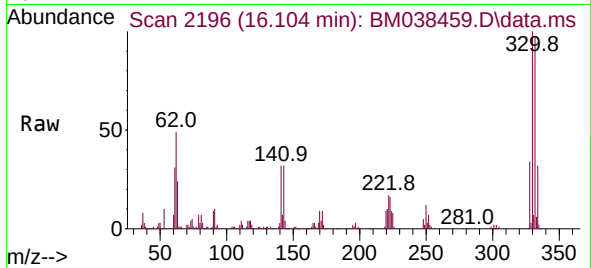




#42
2,4,6-Tribromophenol
Concen: 118.452 ng
RT: 16.104 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM038459.D
Acq: 16 Jan 2023 19:21

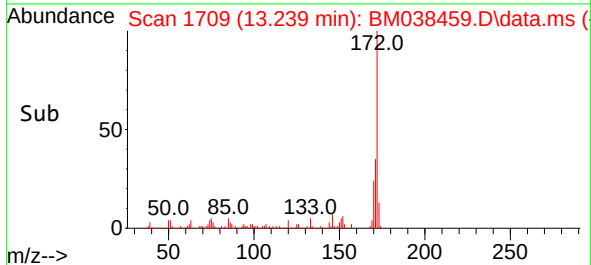
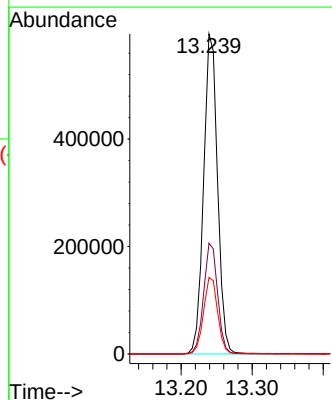
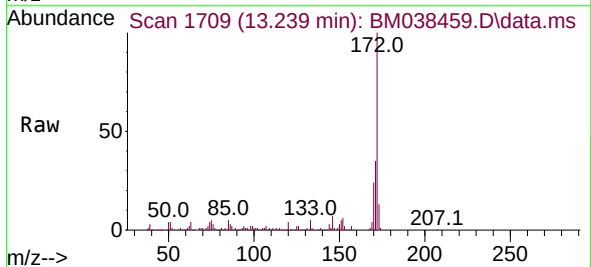
Instrument :
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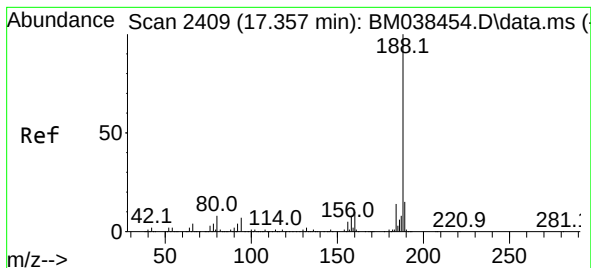
Tgt Ion:330 Resp: 221131
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 35.7 28.1 42.1



#45
2-Fluorobiphenyl
Concen: 91.157 ng
RT: 13.239 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM038459.D
Acq: 16 Jan 2023 19:21

Tgt Ion:172 Resp: 807190
Ion Ratio Lower Upper
172 100
171 34.6 27.5 41.3
170 23.9 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.357 min Scan# 2409

Delta R.T. 0.000 min

Lab File: BM038459.D

Acq: 16 Jan 2023 19:21

Instrument :

BNA_M

ClientSampleId :

PB150056TB

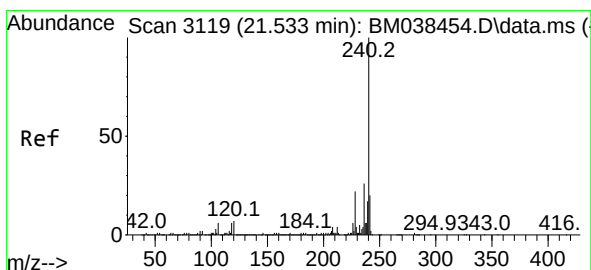
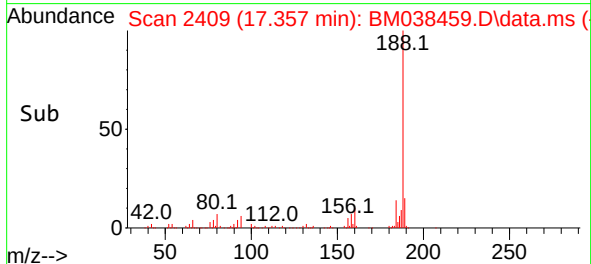
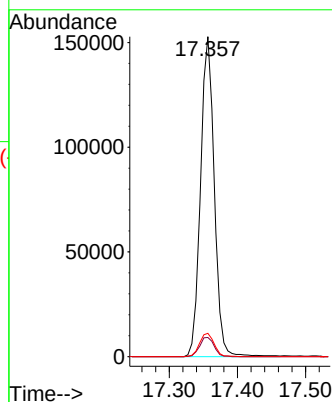
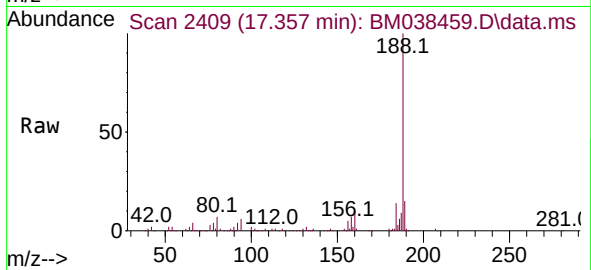
Tgt Ion:188 Resp: 214518

Ion Ratio Lower Upper

188 100

94 6.0 5.4 8.0

80 7.3 6.5 9.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BM038459.D

Acq: 16 Jan 2023 19:21

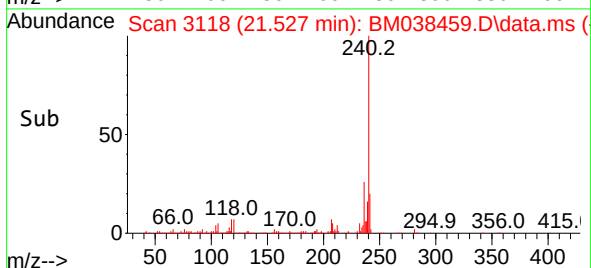
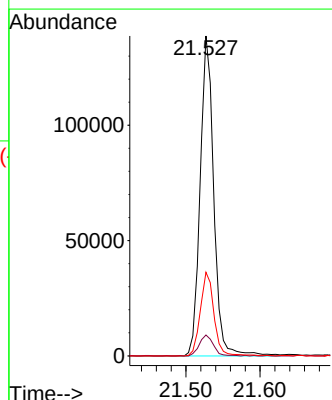
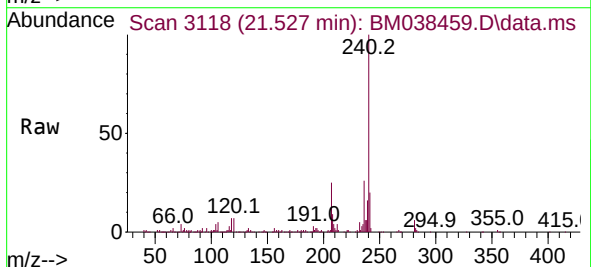
Tgt Ion:240 Resp: 177313

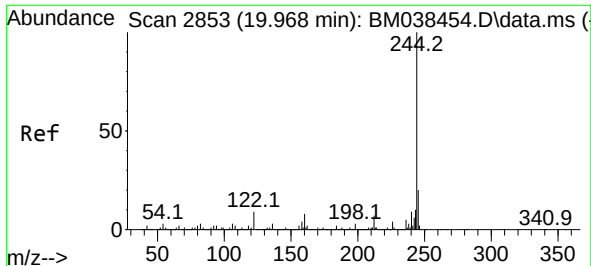
Ion Ratio Lower Upper

240 100

120 6.5 5.6 8.4

236 26.1 21.0 31.4

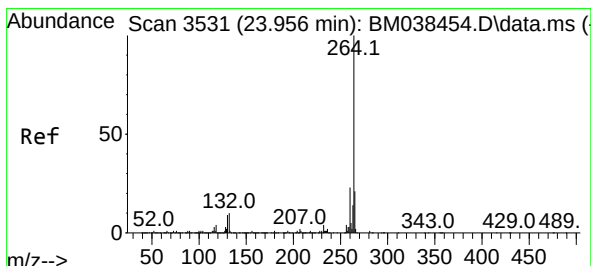
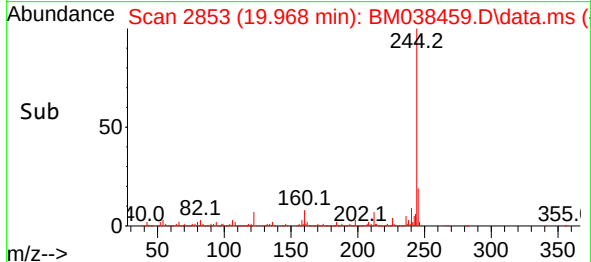
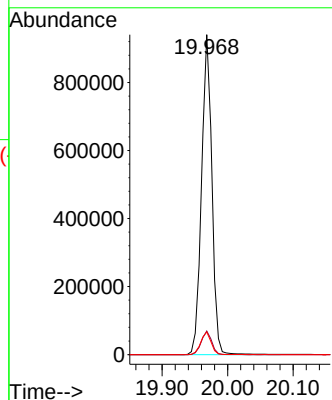
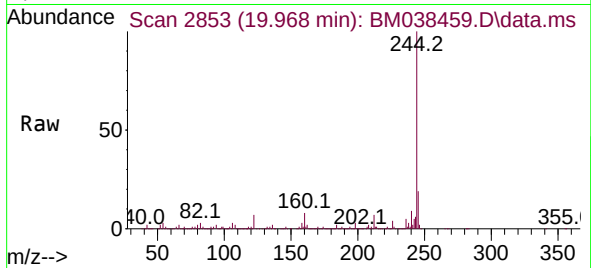




#79
 Terphenyl-d14
 Concen: 107.937 ng
 RT: 19.968 min Scan# 2853
 Delta R.T. -0.000 min
 Lab File: BM038459.D
 Acq: 16 Jan 2023 19:21

Instrument :
 BNA_M
 ClientSampleId :
 PB150056TB

Tgt Ion:244 Resp: 1022343
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 7.1 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.950 min Scan# 3530
 Delta R.T. -0.006 min
 Lab File: BM038459.D
 Acq: 16 Jan 2023 19:21

Tgt Ion:264 Resp: 203989
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.4
 265 22.4 17.2 25.8

