

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
 Data File : BM042497.D
 Acq On : 30 Oct 2023 17:00
 Operator : MA/JU
 Sample : PB156597TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156597TB

Quant Time: Oct 31 03:44:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	97748	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	349800	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	191646	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	359446	20.000	ng	0.00
76) Chrysene-d12	21.509	240	279279	20.000	ng	0.00
86) Perylene-d12	23.927	264	300187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	954793	157.642	ng	0.00
7) Phenol-d6	7.098	99	1201815	144.683	ng	0.00
23) Nitrobenzene-d5	9.128	82	773121	103.031	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	355910	142.244	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1456417	102.259	ng	0.00
79) Terphenyl-d14	19.945	244	1841924	111.830	ng	0.00

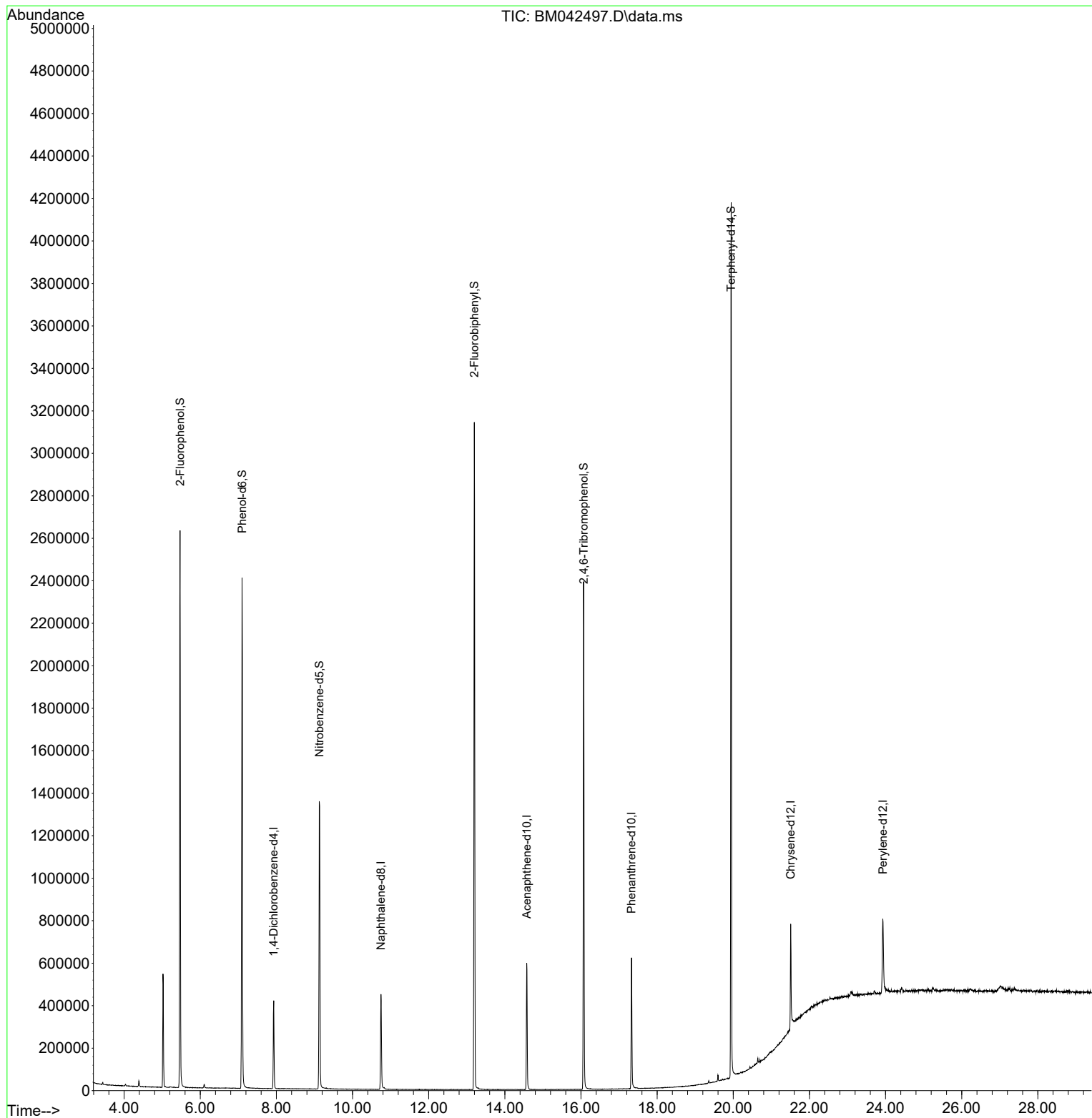
Target Compounds	Qvalue

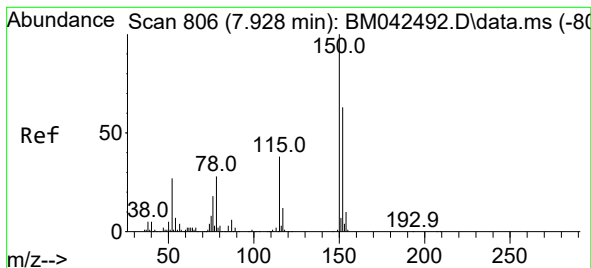
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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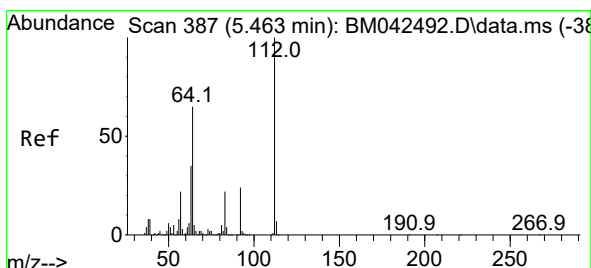
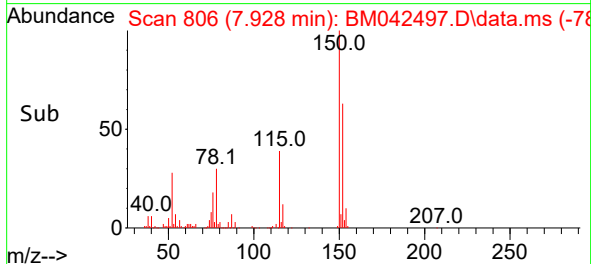
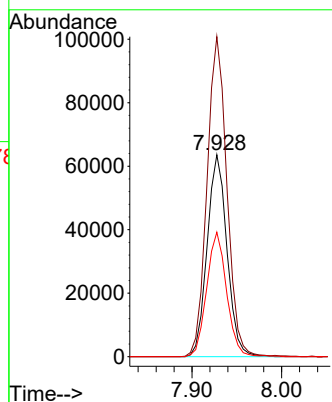
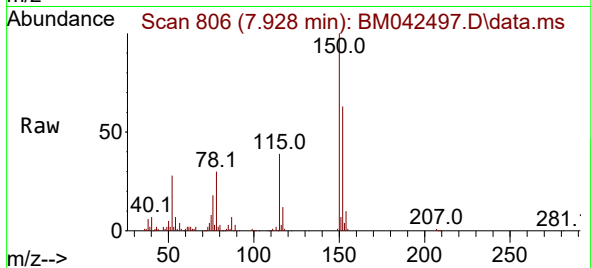




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.000 min
Lab File: BM042497.D
Acq: 30 Oct 2023 17:00

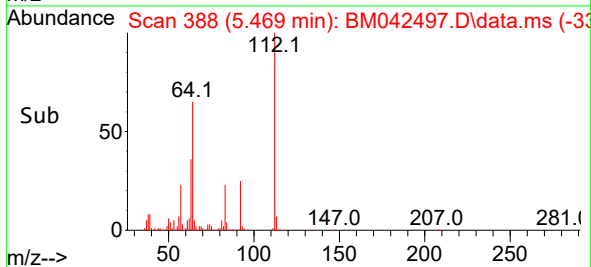
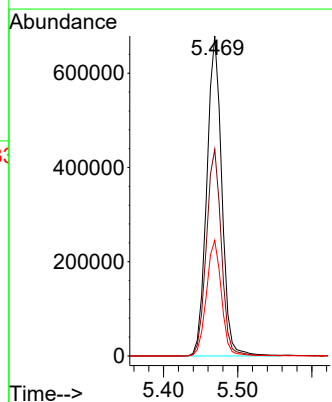
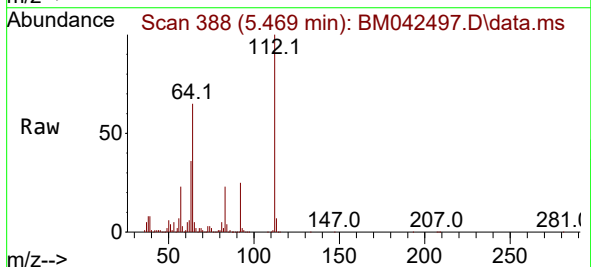
Instrument :
BNA_M
ClientSampleId :
PB156597TB

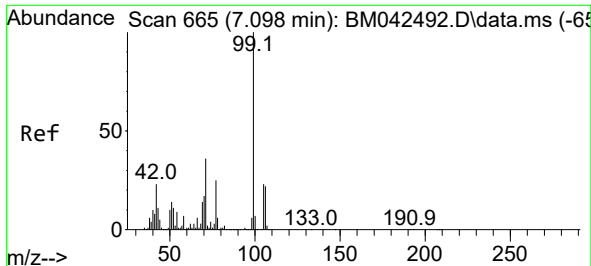
Tgt Ion:152 Resp: 97748
Ion Ratio Lower Upper
152 100
150 158.4 127.4 191.0
115 61.6 47.9 71.9



#5
2-Fluorophenol
Concen: 157.642 ng
RT: 5.469 min Scan# 388
Delta R.T. 0.006 min
Lab File: BM042497.D
Acq: 30 Oct 2023 17:00

Tgt Ion:112 Resp: 954793
Ion Ratio Lower Upper
112 100
64 64.6 52.1 78.1
63 36.2 28.3 42.5

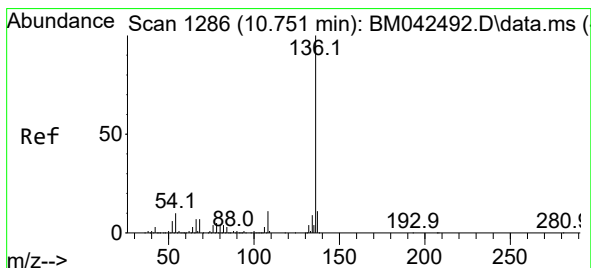
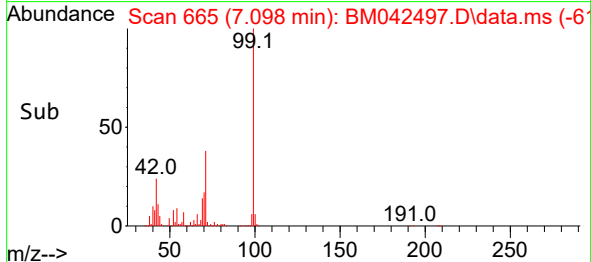
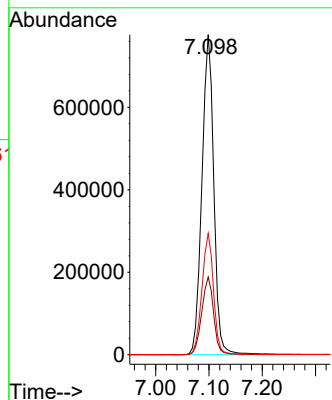
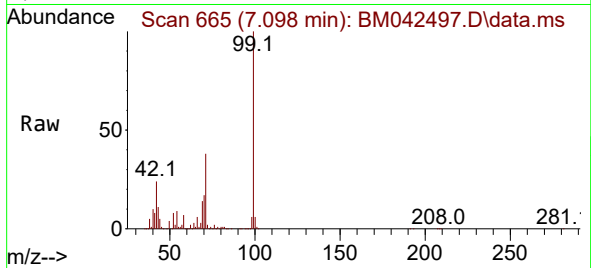




#7
Phenol-d6
Concen: 144.683 ng
RT: 7.098 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM042497.D
Acq: 30 Oct 2023 17:00

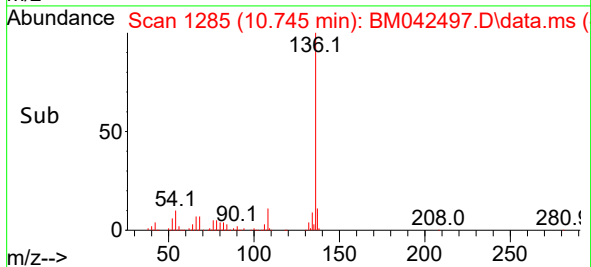
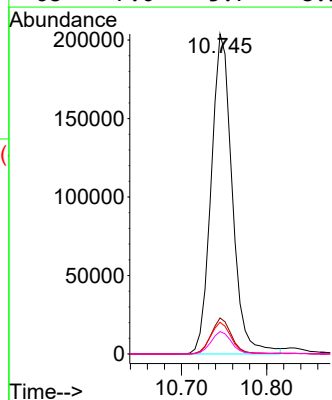
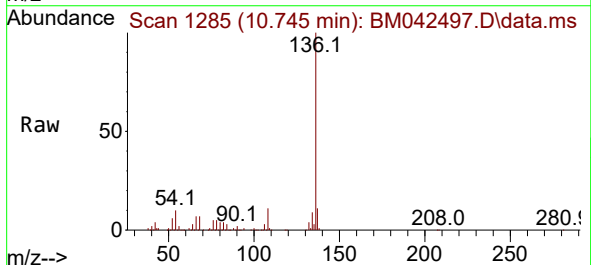
Instrument :
BNA_M
ClientSampleId :
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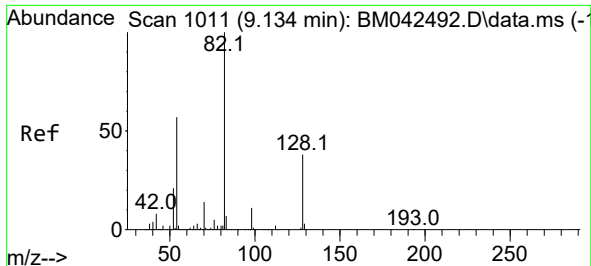
Tgt Ion: 99 Resp: 1201815
Ion Ratio Lower Upper
99 100
42 24.3 18.7 28.1
71 37.9 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM042497.D
Acq: 30 Oct 2023 17:00

Tgt Ion:136 Resp: 349800
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.9 8.0 12.0
68 7.0 5.7 8.5

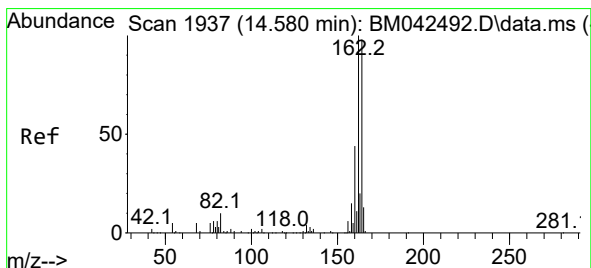
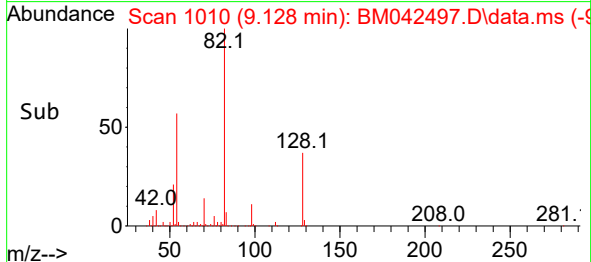
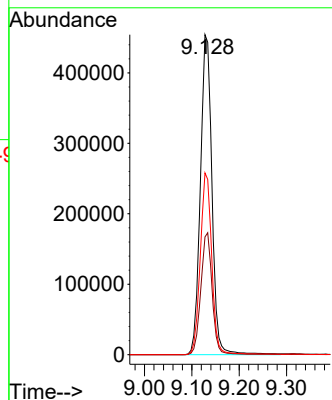
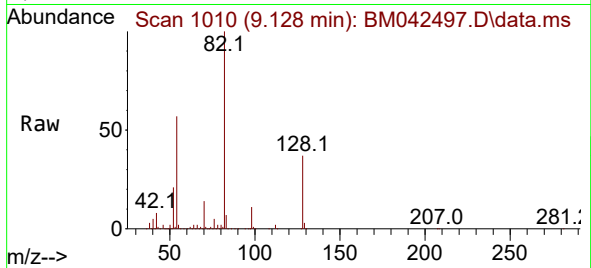




#23
Nitrobenzene-d5
Concen: 103.031 ng
RT: 9.128 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM042497.D
Acq: 30 Oct 2023 17:00

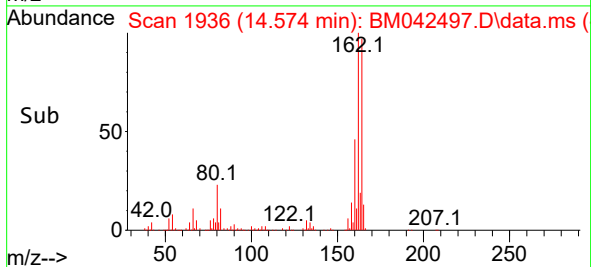
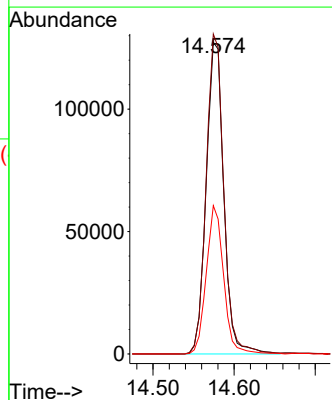
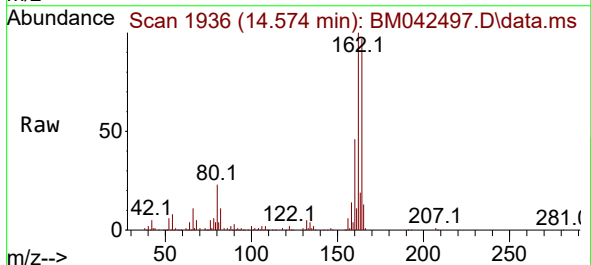
Instrument :
BNA_M
ClientSampleId :
PB156597TB

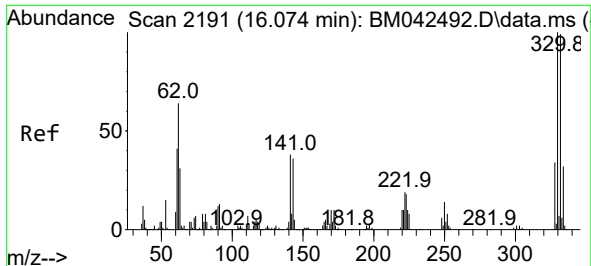
Tgt Ion: 82 Resp: 773121
Ion Ratio Lower Upper
82 100
128 36.8 30.7 46.1
54 56.8 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042497.D
Acq: 30 Oct 2023 17:00

Tgt Ion: 164 Resp: 191646
Ion Ratio Lower Upper
164 100
162 102.6 81.6 122.4
160 47.6 36.2 54.4

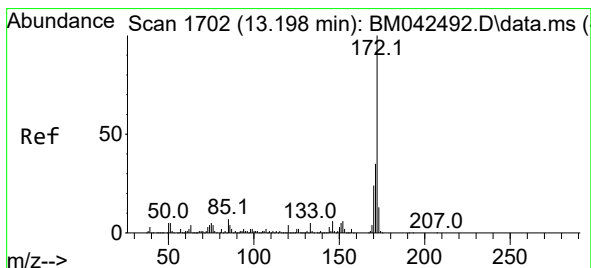
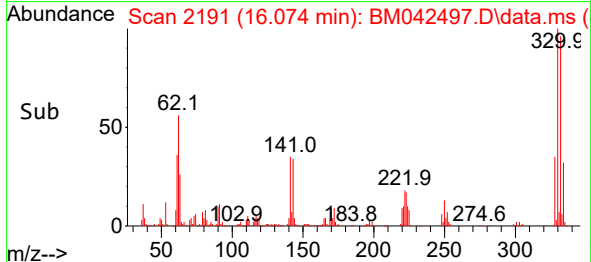
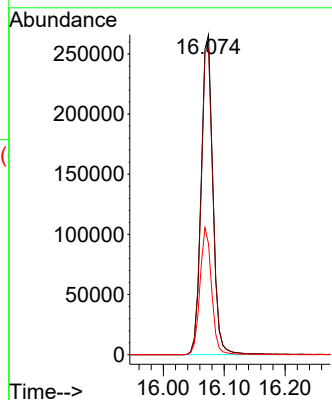
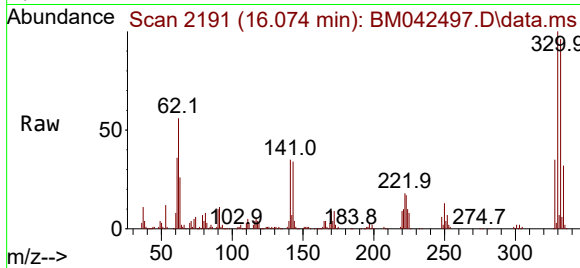




#42
2,4,6-Tribromophenol
Concen: 142.244 ng
RT: 16.074 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM042497.D
Acq: 30 Oct 2023 17:00

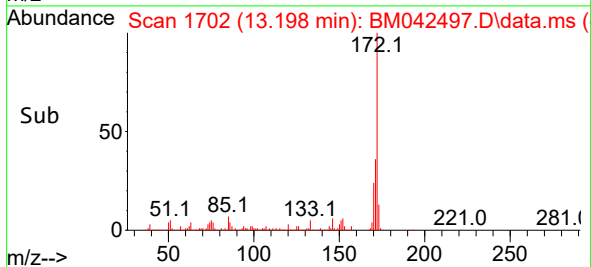
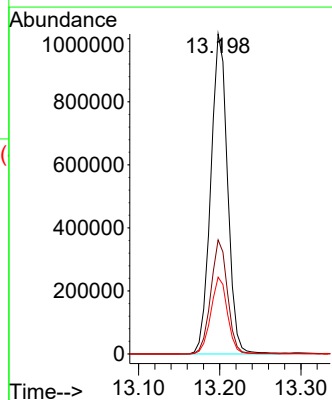
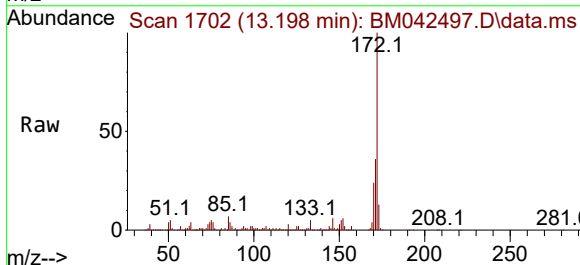
Instrument :
BNA_M
ClientSampleId :
PB156597TB

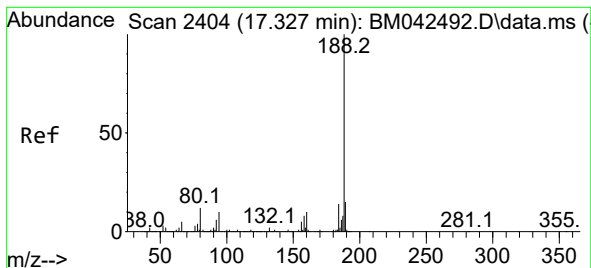
Tgt Ion:330 Resp: 355910
Ion Ratio Lower Upper
330 100
332 97.3 78.8 118.2
141 39.2 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 102.259 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BM042497.D
Acq: 30 Oct 2023 17:00

Tgt Ion:172 Resp: 1456417
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM042497.D

Acq: 30 Oct 2023 17:00

Instrument :

BNA_M

ClientSampleId :

PB156597TB

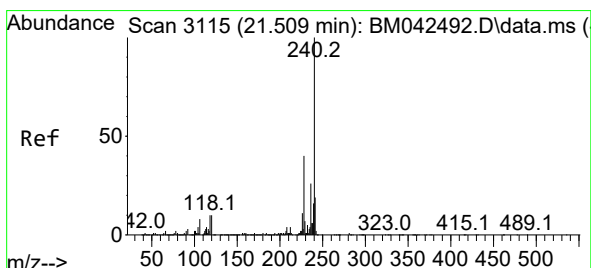
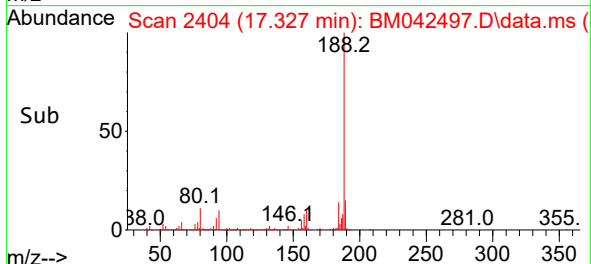
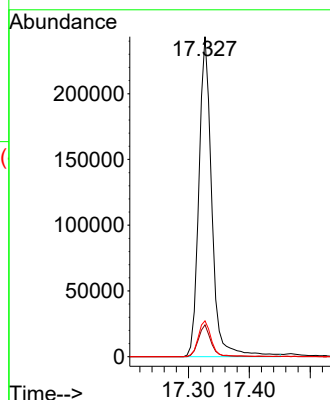
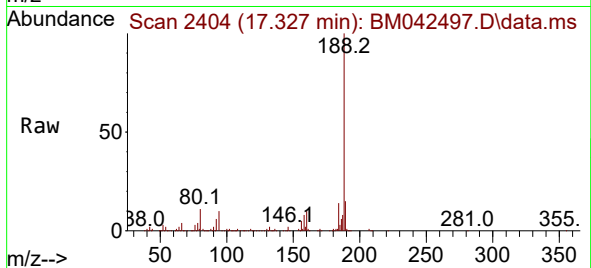
Tgt Ion:188 Resp: 359446

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

80 11.2 9.4 14.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM042497.D

Acq: 30 Oct 2023 17:00

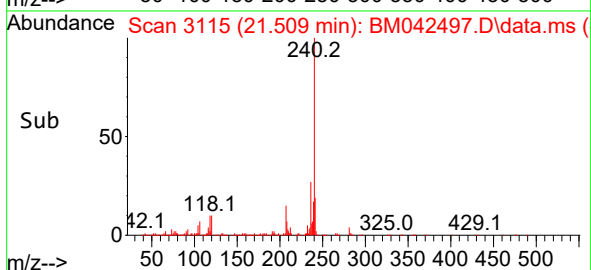
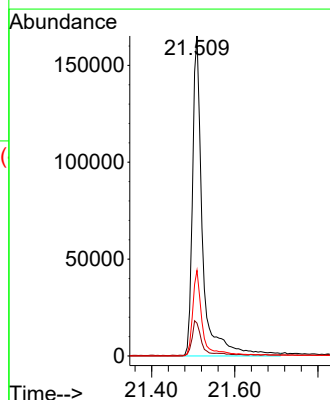
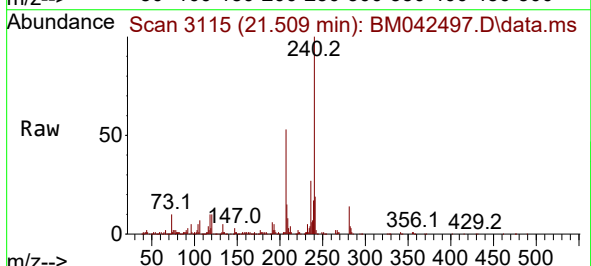
Tgt Ion:240 Resp: 279279

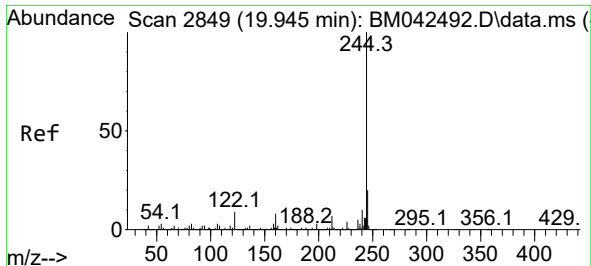
Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

236 26.8 20.8 31.2

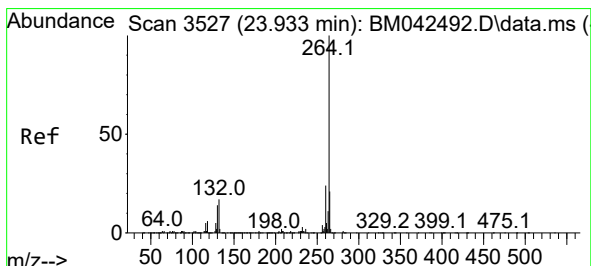
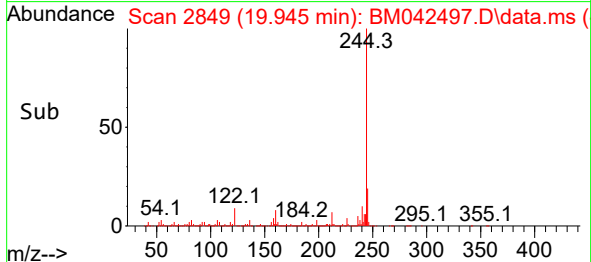
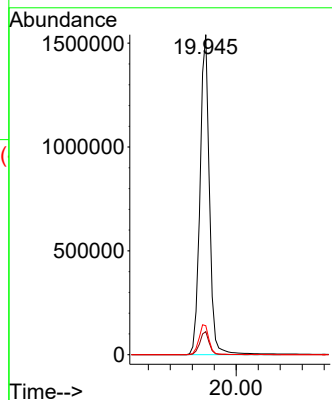
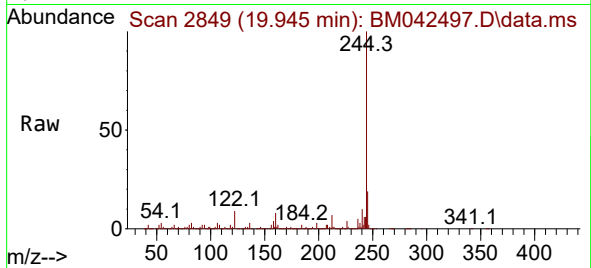




#79
 Terphenyl-d14
 Concen: 111.830 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042497.D
 Acq: 30 Oct 2023 17:00

Instrument :
 BNA_M
 ClientSampleId :
 PB156597B

Tgt Ion:244 Resp: 1841924
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.1 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.927 min Scan# 3526
 Delta R.T. -0.006 min
 Lab File: BM042497.D
 Acq: 30 Oct 2023 17:00

Tgt Ion:264 Resp: 300187
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 24.4 18.7 28.1

