

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111222\
 Data File : BM037497.D
 Acq On : 12 Nov 2022 18:27
 Operator : CG/JU
 Sample : PB148287BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB148287BL

Quant Time: Nov 14 03:13:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 14 01:42:00 2022
 Response via : Initial Calibration

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

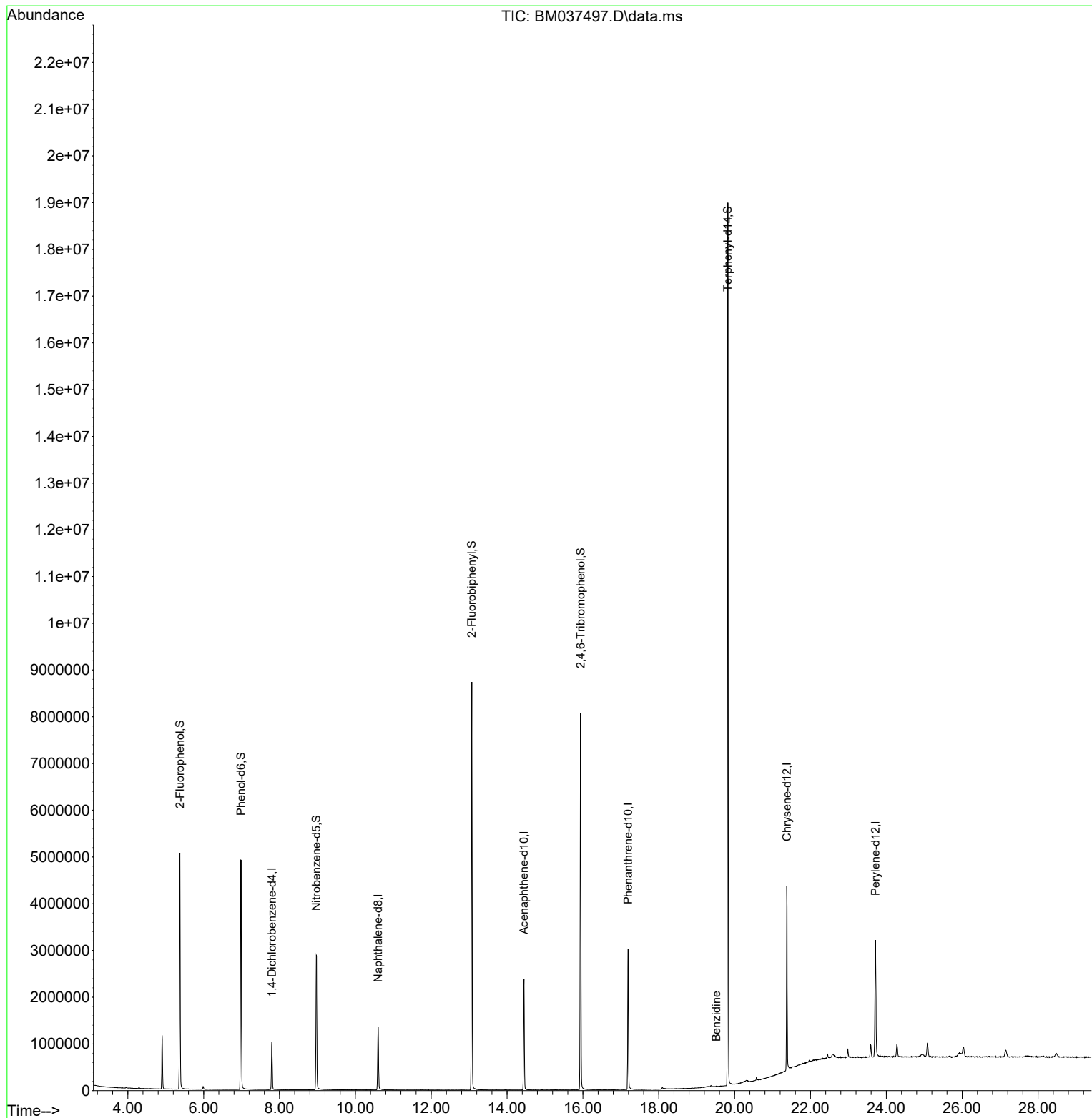
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	272535	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	1163462	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	794680	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1721231	20.000	ng	0.00
76) Chrysene-d12	21.374	240	1820180	20.000	ng	0.00
86) Perylene-d12	23.715	264	1832685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2175086	150.716	ng	0.00
7) Phenol-d6	6.987	99	2866070	138.031	ng	0.00
23) Nitrobenzene-d5	8.969	82	1704567	76.135	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	1514077	137.792	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	4324747	75.633	ng	0.00
79) Terphenyl-d14	19.821	244	8605094	94.417	ng	0.00
Target Compounds						
77) Benzidine	19.515	184	56	2.435	ng	Qvalue # 68

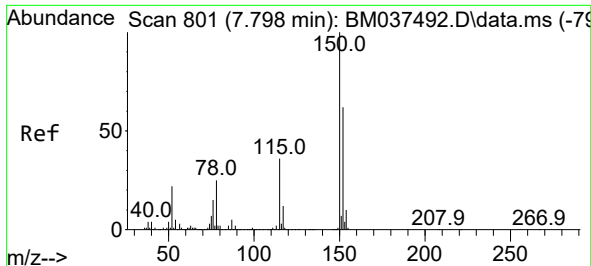
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111222\
Data File : BM037497.D
Acq On : 12 Nov 2022 18:27
Operator : CG/JU
Sample : PB148287BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB148287BL

Quant Time: Nov 14 03:13:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 01:42:00 2022
Response via : Initial Calibration

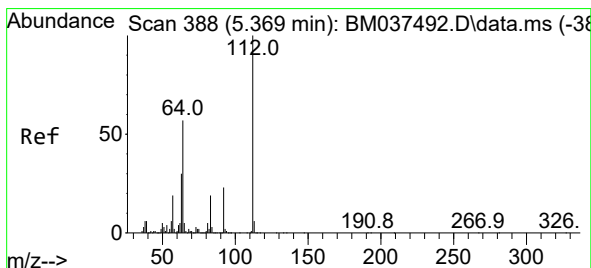
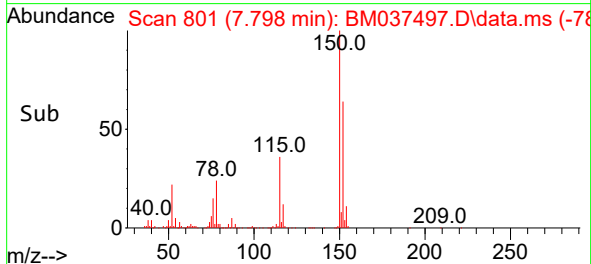
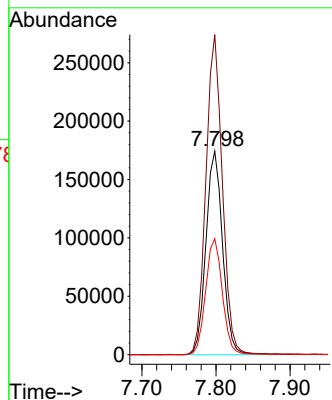
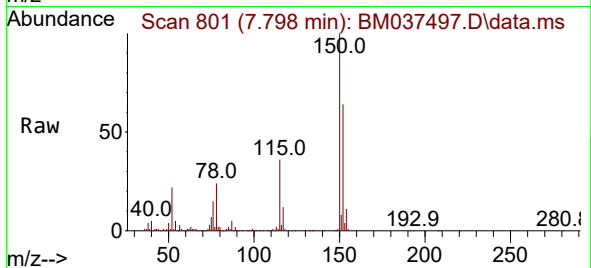




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM037497.D
Acq: 12 Nov 2022 18:27

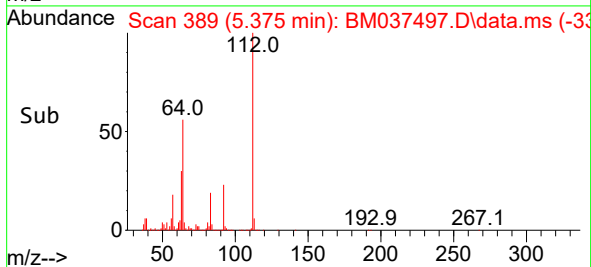
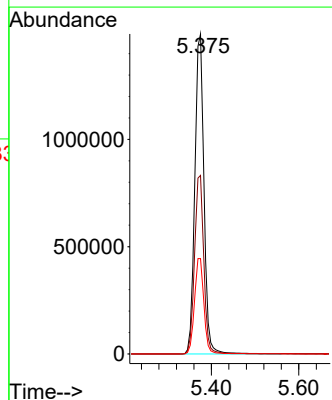
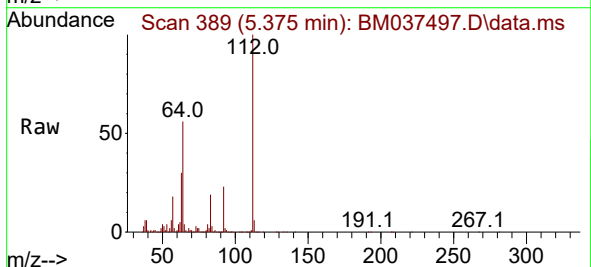
Instrument :
BNA_M
ClientSampleId :
PB148287BL

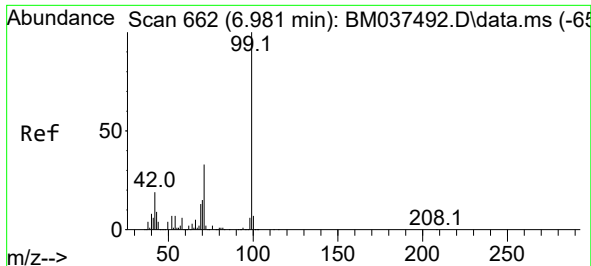
Tgt Ion:152 Resp: 272535
Ion Ratio Lower Upper
152 100
150 157.2 129.8 194.6
115 57.0 46.6 69.8



#5
2-Fluorophenol
Concen: 150.716 ng
RT: 5.375 min Scan# 389
Delta R.T. 0.006 min
Lab File: BM037497.D
Acq: 12 Nov 2022 18:27

Tgt Ion:112 Resp: 2175086
Ion Ratio Lower Upper
112 100
64 55.8 45.9 68.9
63 29.8 24.2 36.4

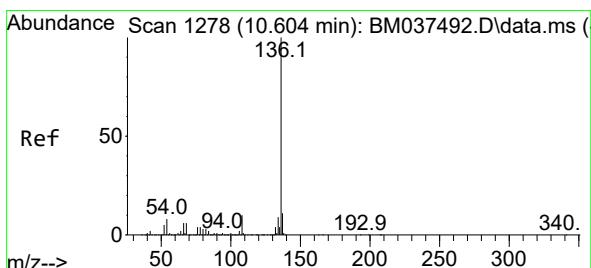
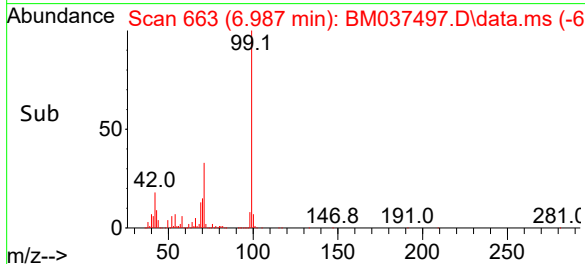
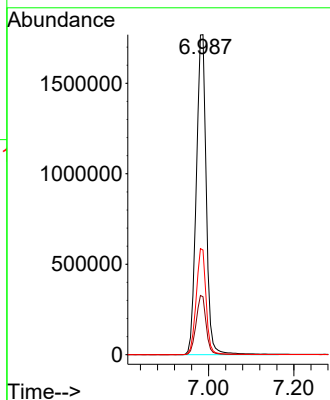
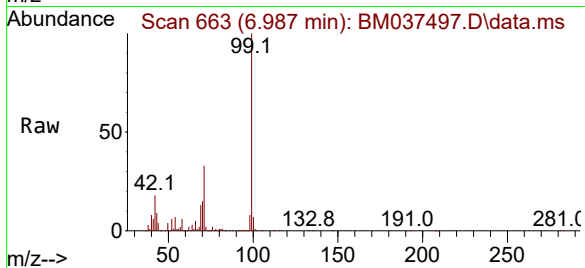




#7
Phenol-d6
Concen: 138.031 ng
RT: 6.987 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM037497.D
Acq: 12 Nov 2022 18:27

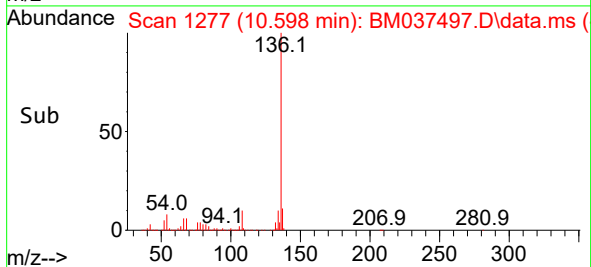
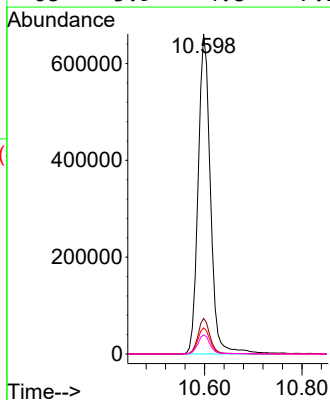
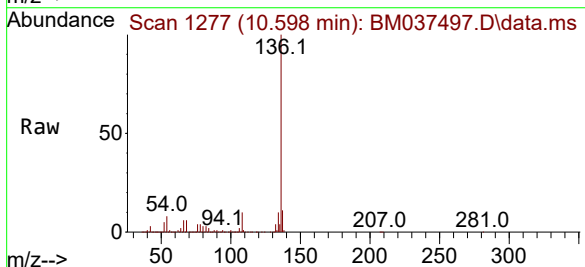
Instrument :
BNA_M
ClientSampleId :
PB148287BL

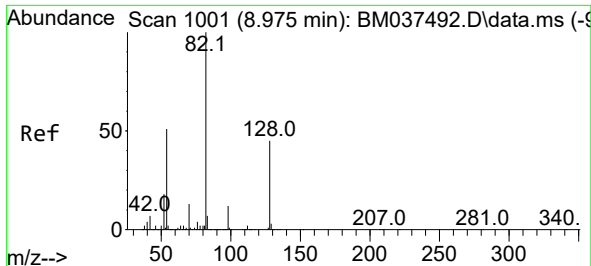
Tgt Ion: 99 Resp: 2866070
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.6
71 32.7 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM037497.D
Acq: 12 Nov 2022 18:27

Tgt Ion: 136 Resp: 1163462
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.2 6.3 9.5
68 5.9 4.8 7.2

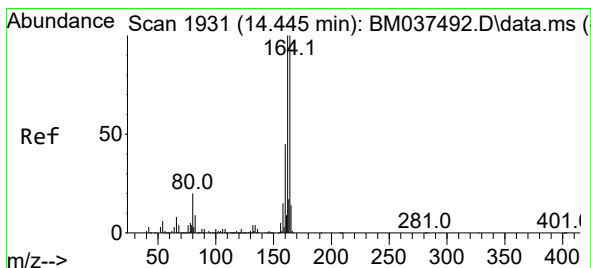
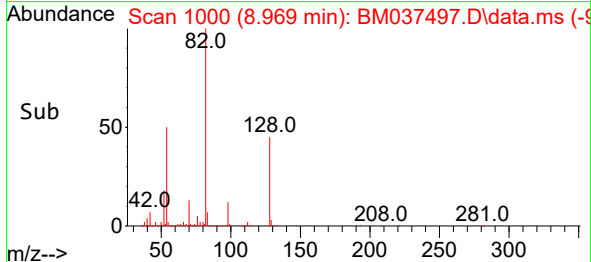
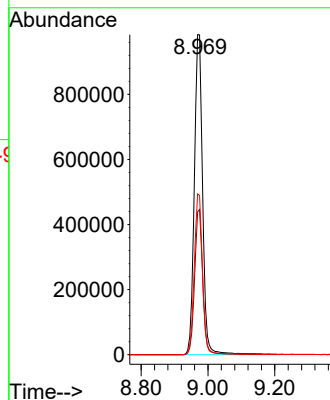
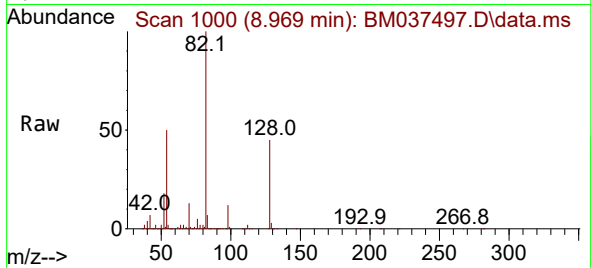




#23
Nitrobenzene-d5
Concen: 76.135 ng
RT: 8.969 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BM037497.D
Acq: 12 Nov 2022 18:27

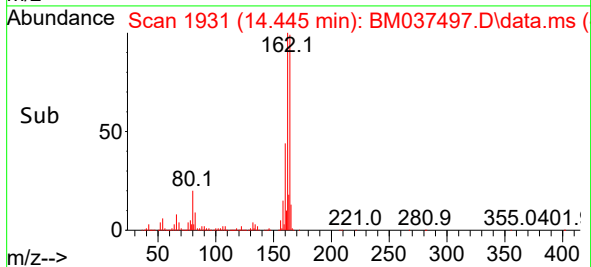
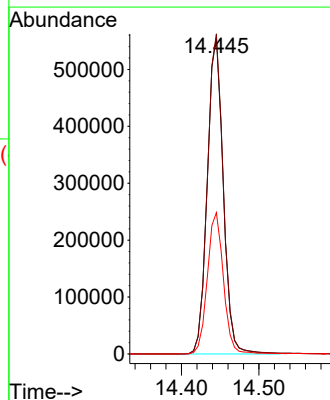
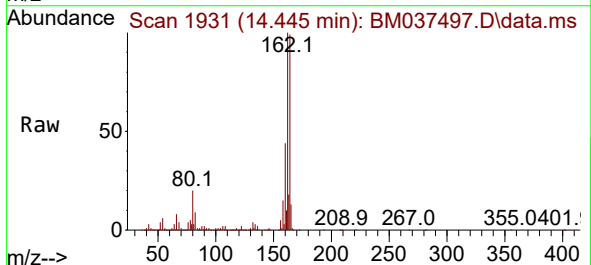
Instrument :
BNA_M
ClientSampleId :
PB148287BL

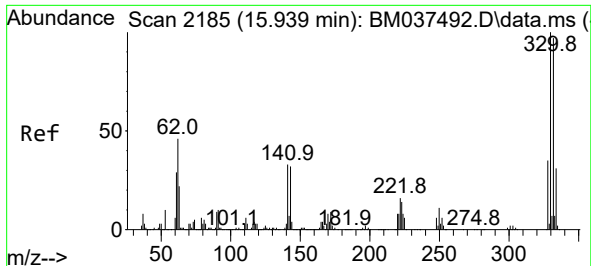
Tgt Ion: 82 Resp: 1704567
Ion Ratio Lower Upper
82 100
128 44.7 36.3 54.5
54 50.2 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BM037497.D
Acq: 12 Nov 2022 18:27

Tgt Ion:164 Resp: 794680
Ion Ratio Lower Upper
164 100
162 101.0 79.9 119.9
160 44.6 35.7 53.5

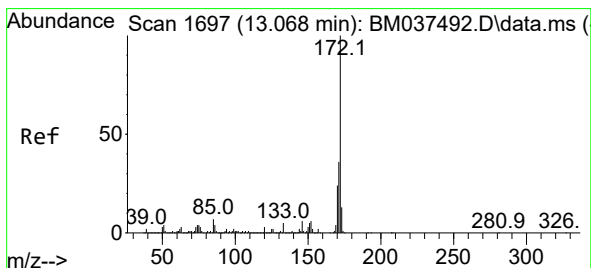
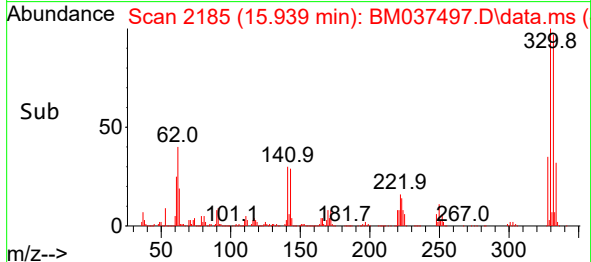
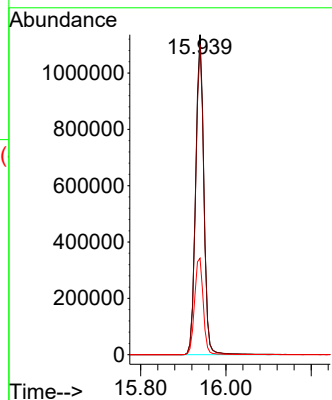
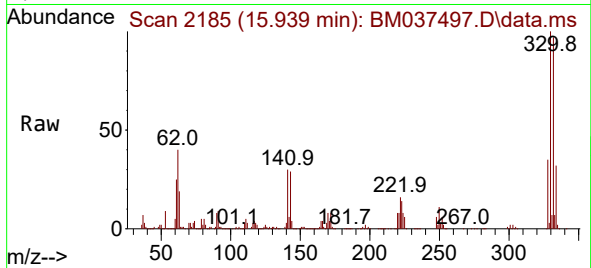




#42
2,4,6-Tribromophenol
Concen: 137.792 ng
RT: 15.939 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BM037497.D
Acq: 12 Nov 2022 18:27

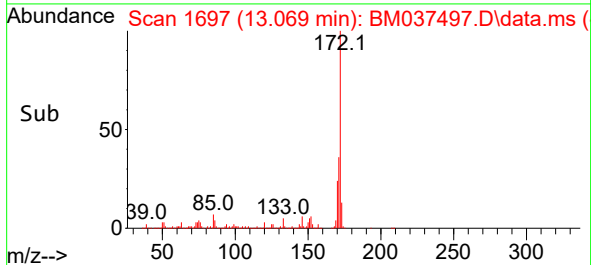
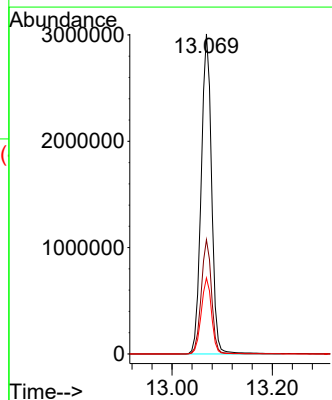
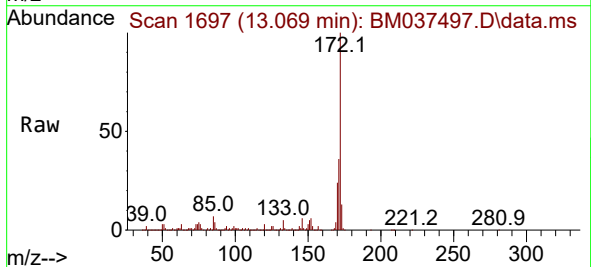
Instrument :
BNA_M
ClientSampleId :
PB148287BL

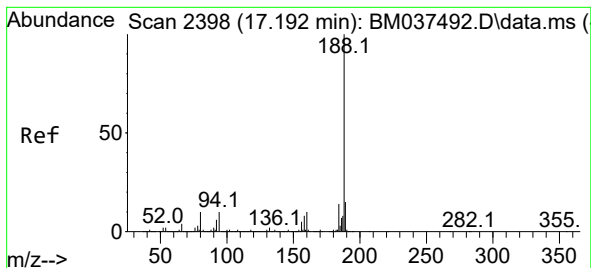
Tgt Ion:330 Resp: 1514077
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 32.0 26.2 39.2



#45
2-Fluorobiphenyl
Concen: 75.633 ng
RT: 13.069 min Scan# 1697
Delta R.T. 0.001 min
Lab File: BM037497.D
Acq: 12 Nov 2022 18:27

Tgt Ion:172 Resp: 4324747
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037497.D

Acq: 12 Nov 2022 18:27

Instrument :

BNA_M

ClientSampleId :

PB148287BL

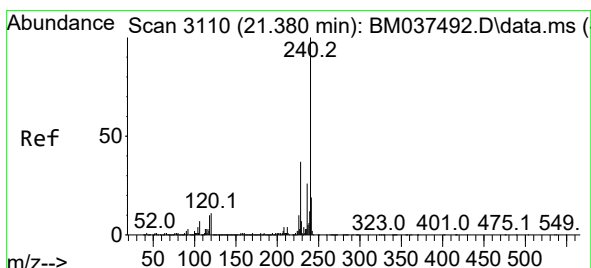
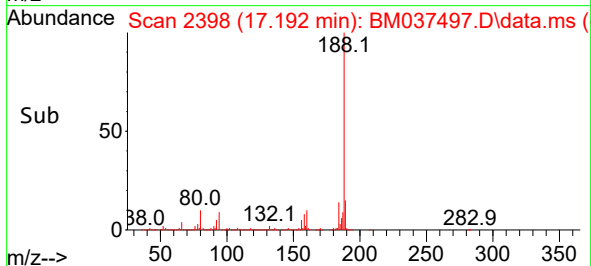
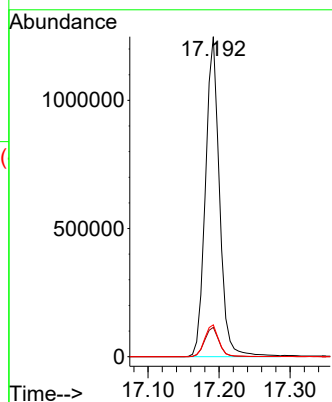
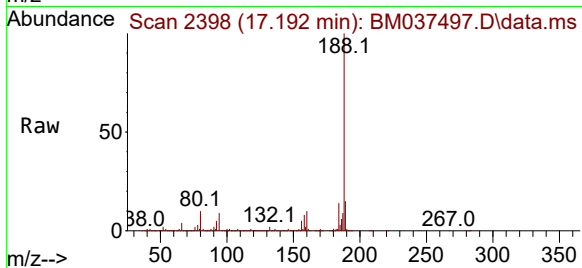
Tgt Ion:188 Resp: 1721231

Ion Ratio Lower Upper

188 100

94 9.2 7.8 11.6

80 9.9 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.374 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BM037497.D

Acq: 12 Nov 2022 18:27

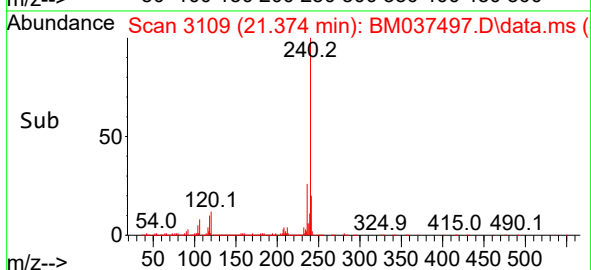
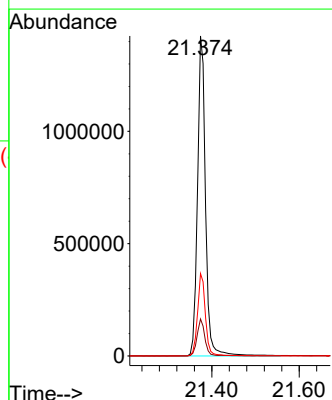
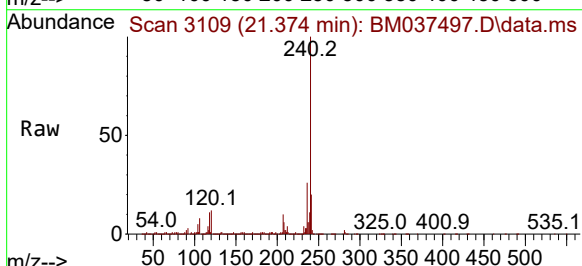
Tgt Ion:240 Resp: 1820180

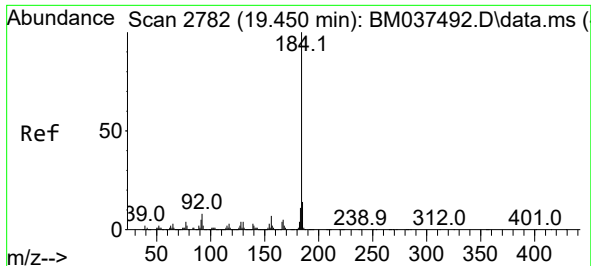
Ion Ratio Lower Upper

240 100

120 11.6 8.6 13.0

236 25.8 20.8 31.2

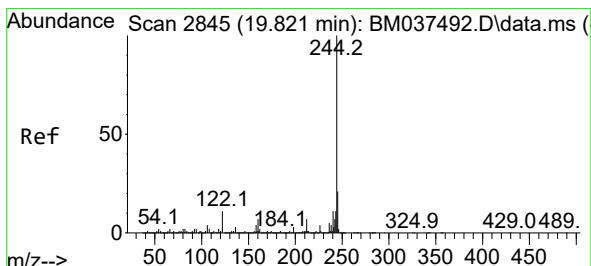
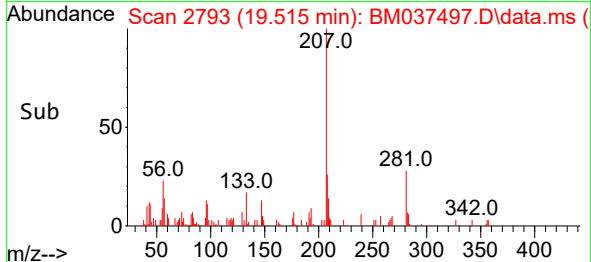
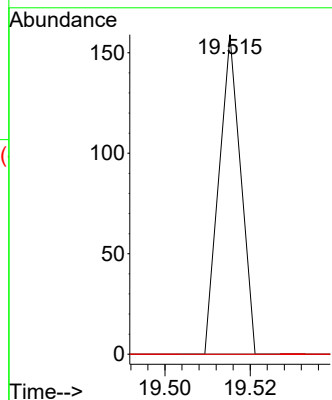
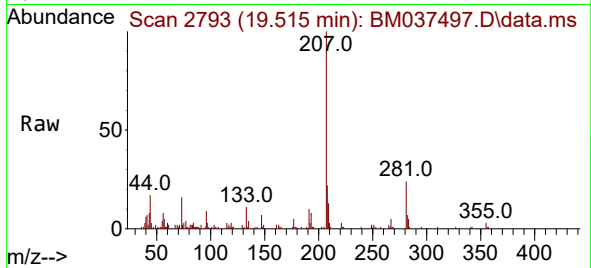




#77
Benzidine
Concen: 2.435 ng
RT: 19.515 min Scan# 21
Delta R.T. 0.065 min
Lab File: BM037497.D
Acq: 12 Nov 2022 18:27

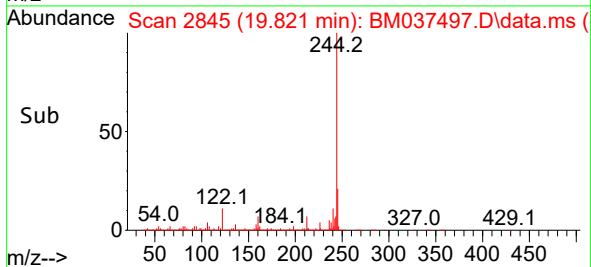
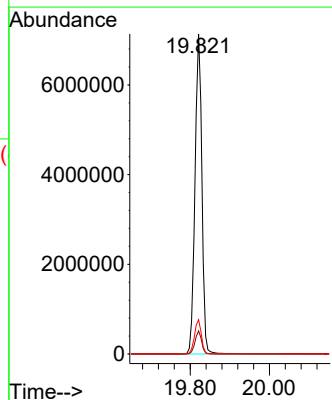
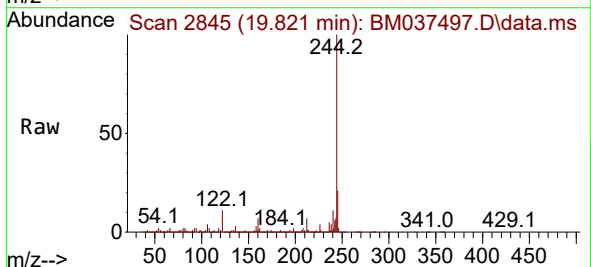
Instrument :
BNA_M
ClientSampleId :
PB148287BL

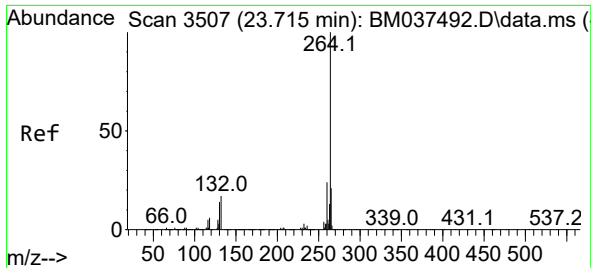
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
185 0.0 11.1 16.7#
183 0.0 9.0 13.6#



#79
Terphenyl-d14
Concen: 94.417 ng
RT: 19.821 min Scan# 2845
Delta R.T. 0.000 min
Lab File: BM037497.D
Acq: 12 Nov 2022 18:27

Tgt Ion:244 Resp: 8605094
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 10.7 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM037497.D
 Acq: 12 Nov 2022 18:27

Instrument :
 BNA_M
 ClientSampleId :
 PB148287BL

Tgt Ion:264 Resp: 1832685
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.7 17.5 26.3

