

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037479.D
 Acq On : 11 Nov 2022 22:30
 Operator : CG/JU
 Sample : N5509-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-11

Quant Time: Nov 11 23:27:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 11 22:49:50 2022
 Response via : Initial Calibration

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

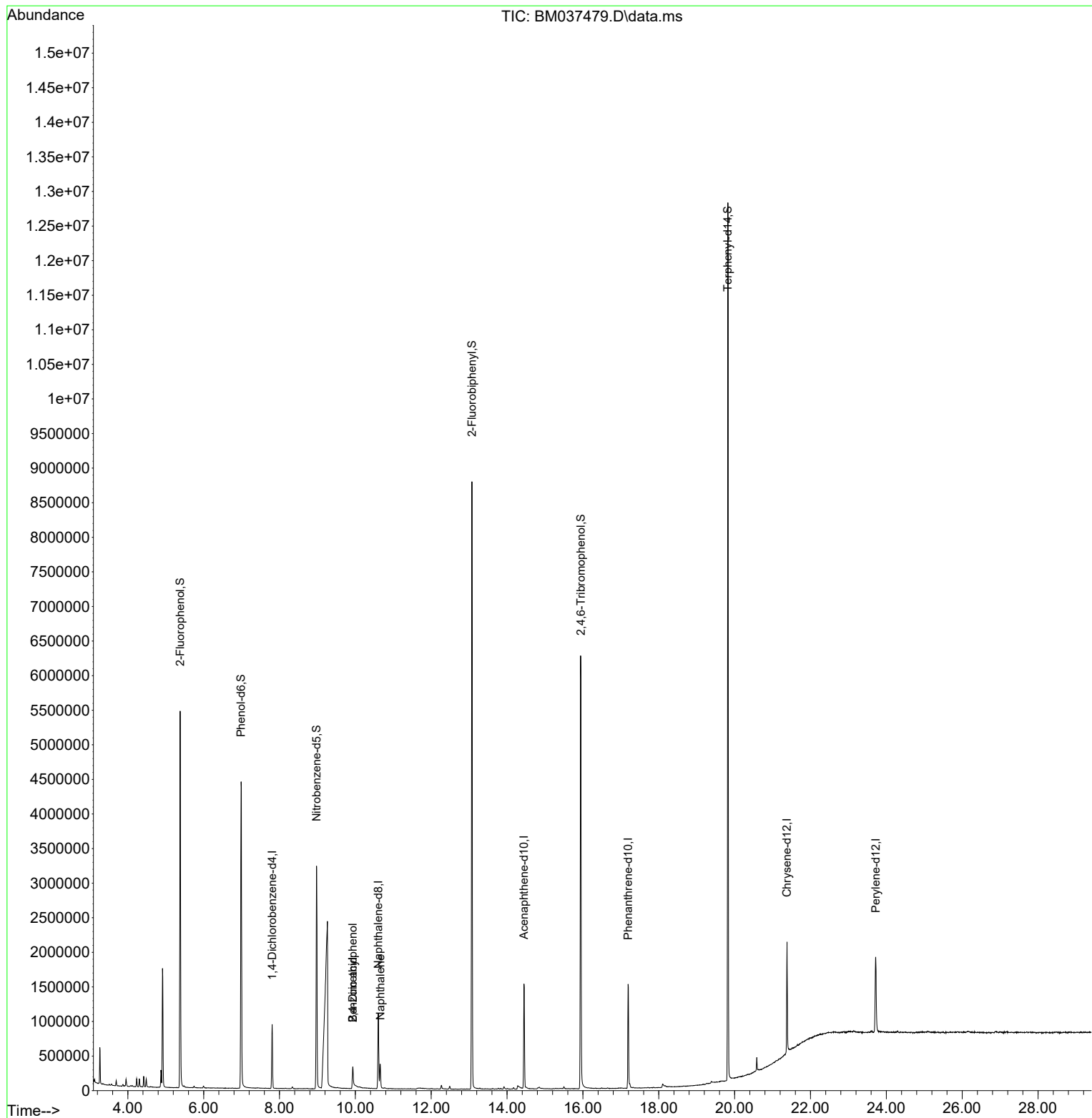
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	241852	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	912944	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	512336	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	935630	20.000	ng	0.00
76) Chrysene-d12	21.380	240	797302	20.000	ng	0.00
86) Perylene-d12	23.721	264	862381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2280586	162.911	ng	0.00
7) Phenol-d6	6.986	99	2623506	138.082	ng	0.00
23) Nitrobenzene-d5	8.975	82	1897762	104.877	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1242743	205.830	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	4340056	112.555	ng	0.00
79) Terphenyl-d14	19.821	244	5700015	128.203	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.933	122	164468	13.494	ng	Qvalue # 5
31) Naphthalene	10.657	128	290381	5.614	ng	98
32) Benzoic acid	9.933	122	174459	20.419	ng	98

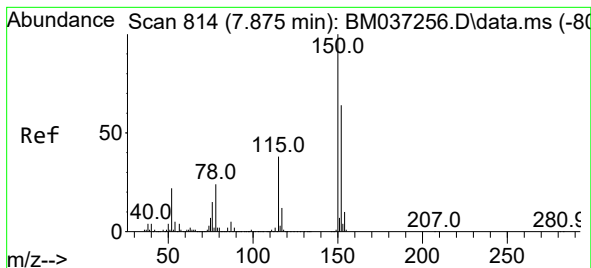
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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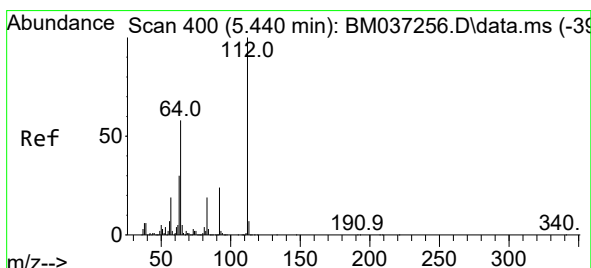
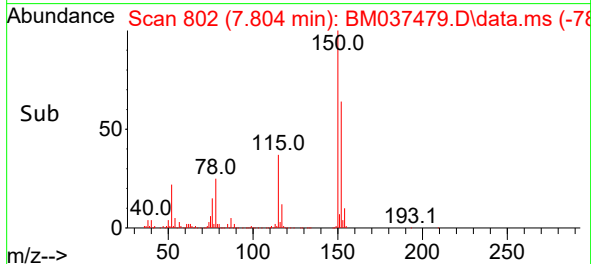
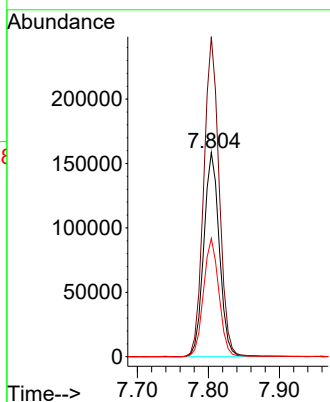
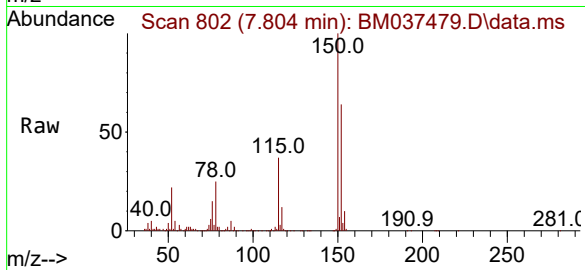




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037479.D
Acq: 11 Nov 2022 22:30

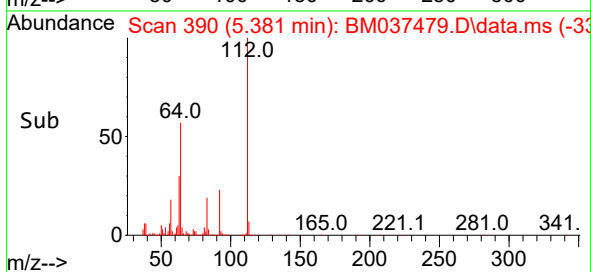
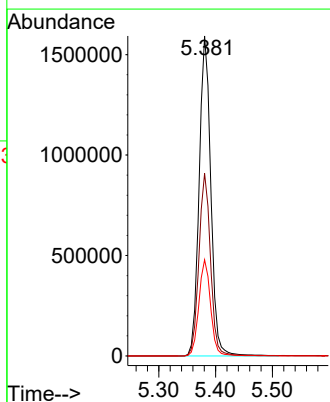
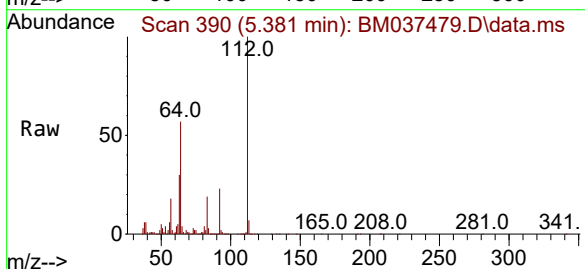
Instrument :
BNA_M
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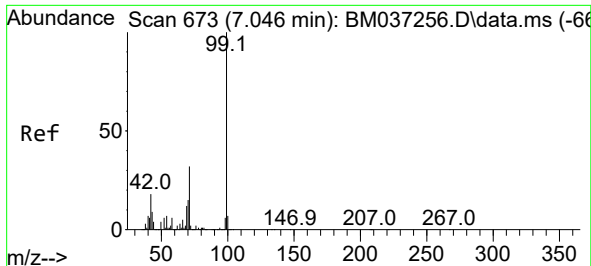
Tgt Ion:152 Resp: 241852
Ion Ratio Lower Upper
152 100
150 156.8 124.8 187.2
115 58.0 47.0 70.4



#5
2-Fluorophenol
Concen: 162.911 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.006 min
Lab File: BM037479.D
Acq: 11 Nov 2022 22:30

Tgt Ion:112 Resp: 2280586
Ion Ratio Lower Upper
112 100
64 57.0 46.8 70.2
63 30.1 24.4 36.6

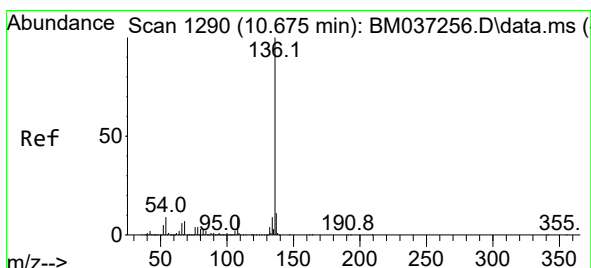
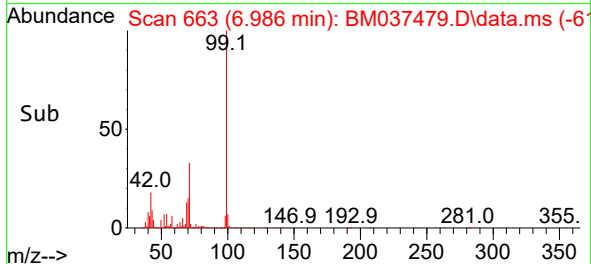
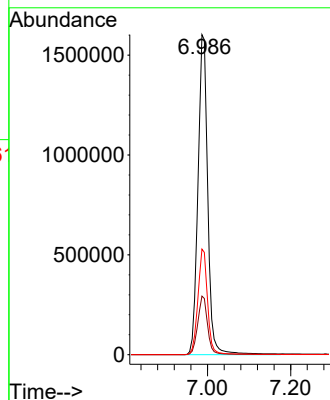
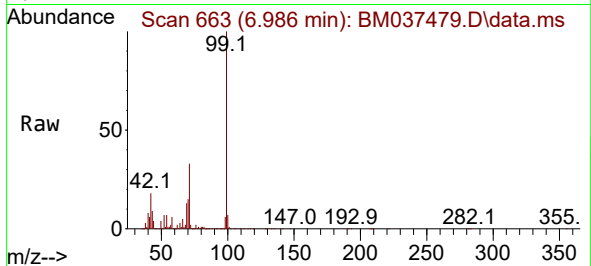




#7
Phenol-d6
Concen: 138.082 ng
RT: 6.986 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037479.D
Acq: 11 Nov 2022 22:30

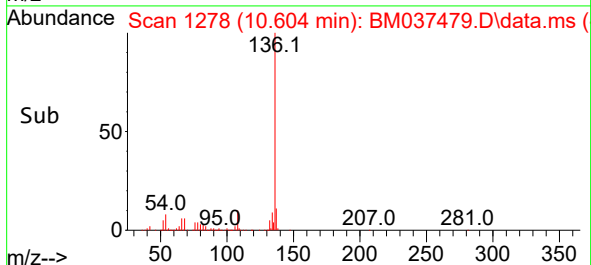
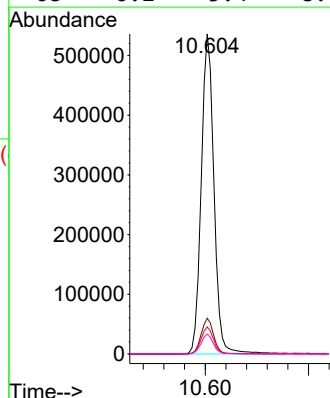
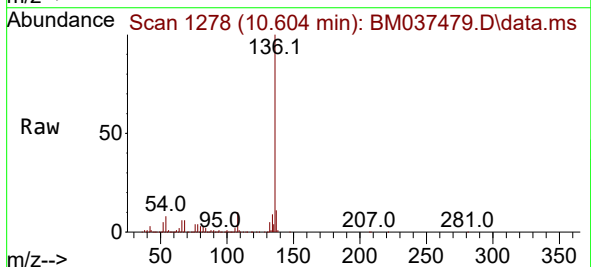
Instrument :
BNA_M
ClientSampleId :
TP-11

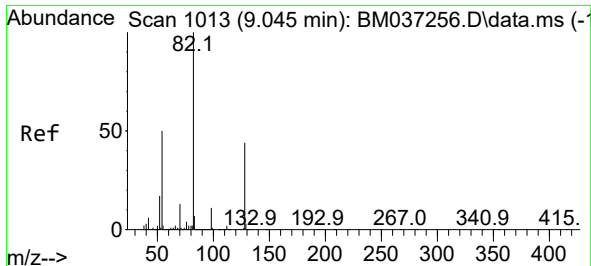
Tgt Ion: 99 Resp: 2623506
Ion Ratio Lower Upper
99 100
42 18.3 14.8 22.2
71 33.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037479.D
Acq: 11 Nov 2022 22:30

Tgt Ion: 136 Resp: 912944
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.4 7.0 10.4
68 6.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 104.877 ng

RT: 8.975 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037479.D

Acq: 11 Nov 2022 22:30

Instrument :

BNA_M

ClientSampleId :

TP-11

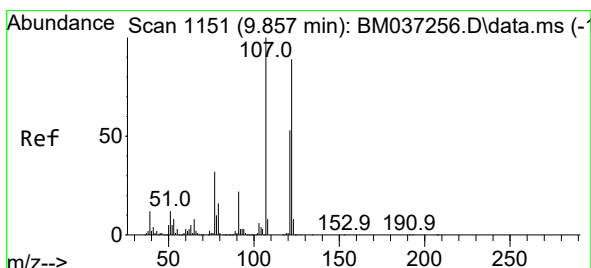
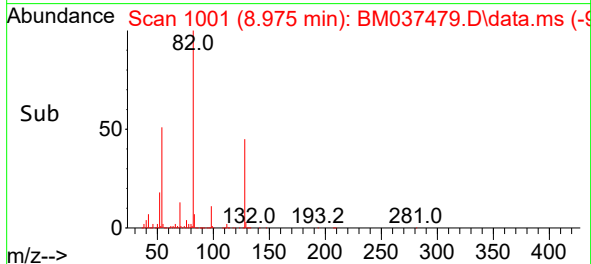
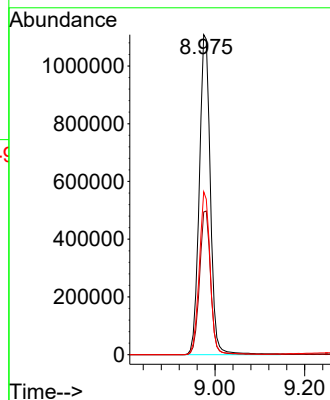
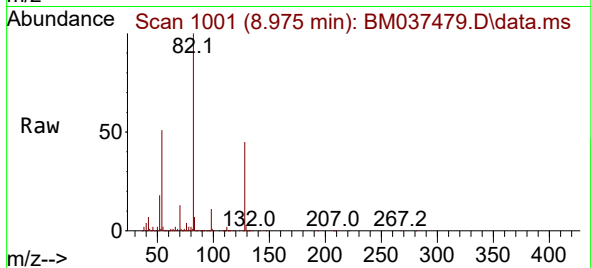
Tgt Ion: 82 Resp: 1897762

Ion Ratio Lower Upper

82 100

128 44.6 35.2 52.8

54 50.9 40.4 60.6



#27

2,4-Dimethylphenol

Concen: 13.494 ng

RT: 9.933 min Scan# 1164

Delta R.T. 0.135 min

Lab File: BM037479.D

Acq: 11 Nov 2022 22:30

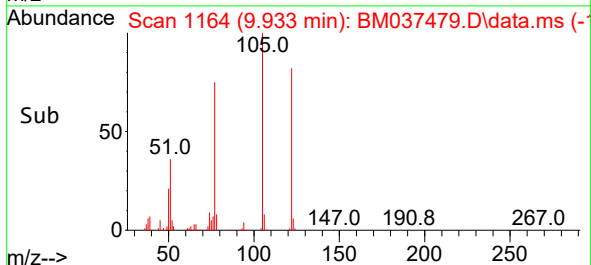
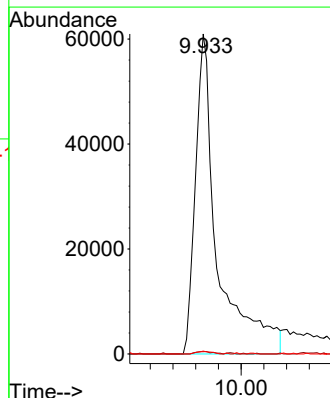
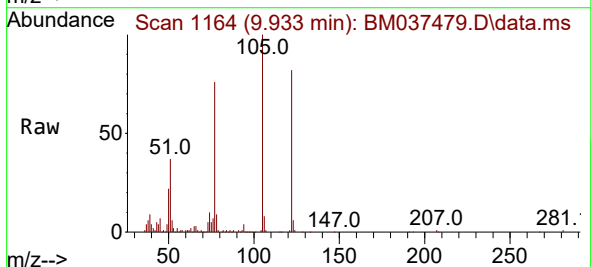
Tgt Ion:122 Resp: 164468

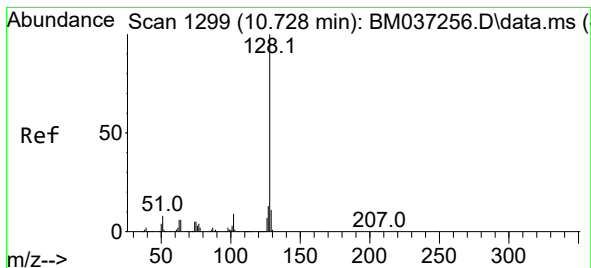
Ion Ratio Lower Upper

122 100

107 0.7 89.7 134.5#

121 0.9 47.1 70.7#





#31

Naphthalene

Concen: 5.614 ng

RT: 10.657 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM037479.D

Acq: 11 Nov 2022 22:30

Instrument :

BNA_M

ClientSampleId :

TP-11

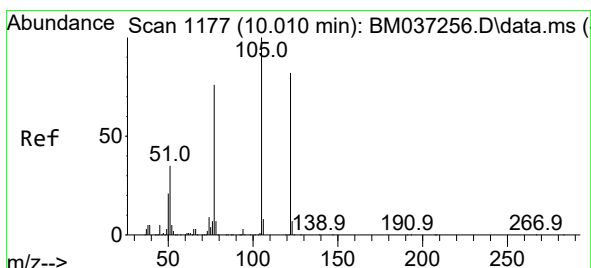
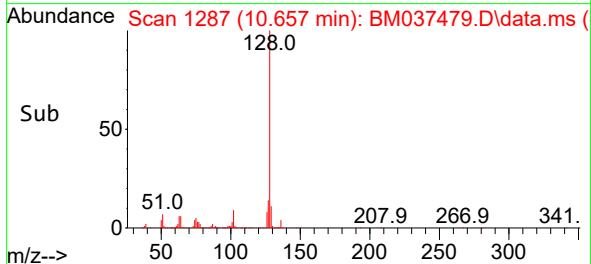
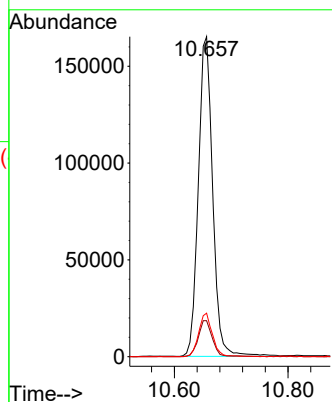
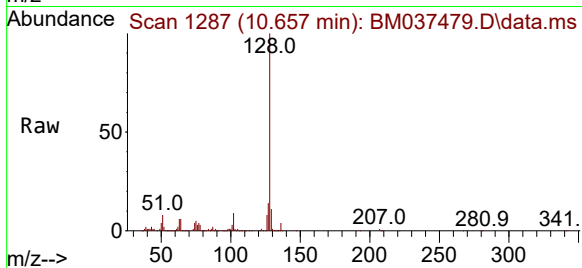
Tgt Ion:128 Resp: 290381

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.6 10.2 15.2



#32

Benzoic acid

Concen: 20.419 ng

RT: 9.933 min Scan# 1164

Delta R.T. -0.047 min

Lab File: BM037479.D

Acq: 11 Nov 2022 22:30

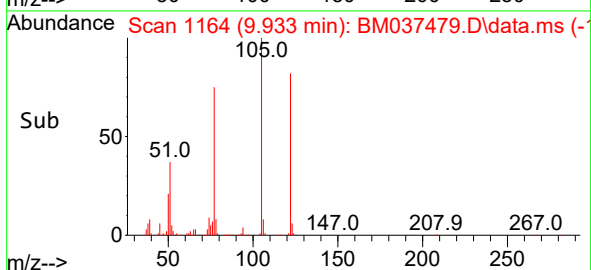
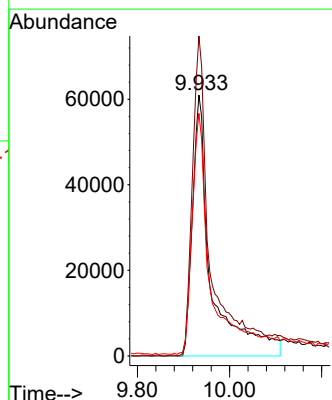
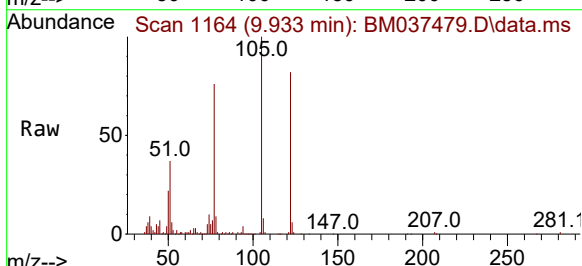
Tgt Ion:122 Resp: 174459

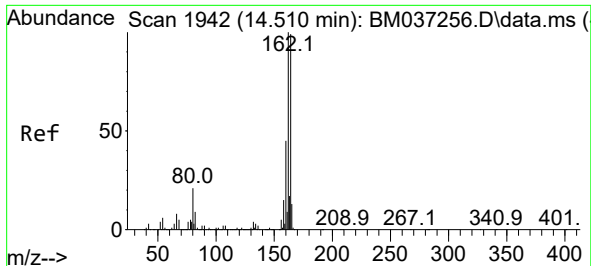
Ion Ratio Lower Upper

122 100

105 122.6 100.1 140.1

77 93.0 71.7 111.7

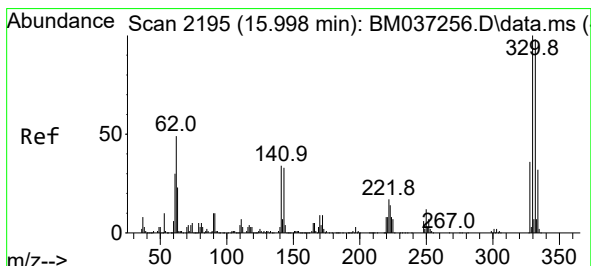
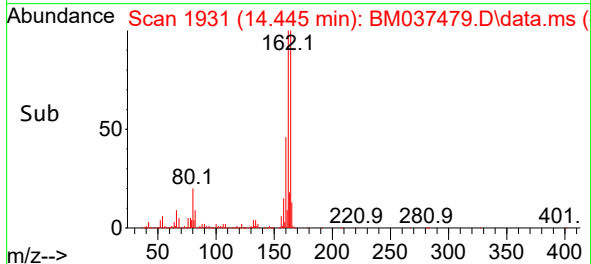
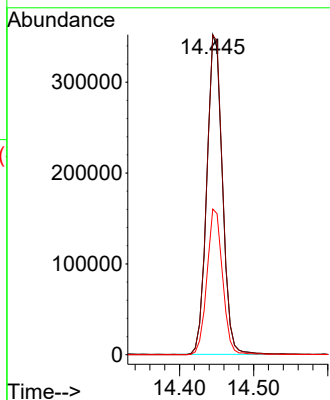
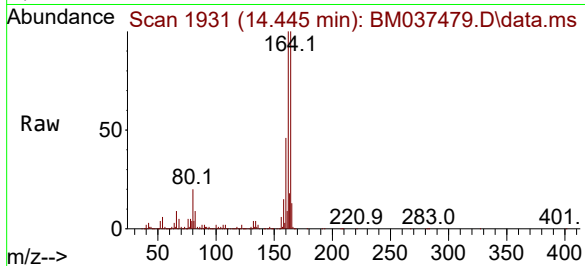




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM037479.D
Acq: 11 Nov 2022 22:30

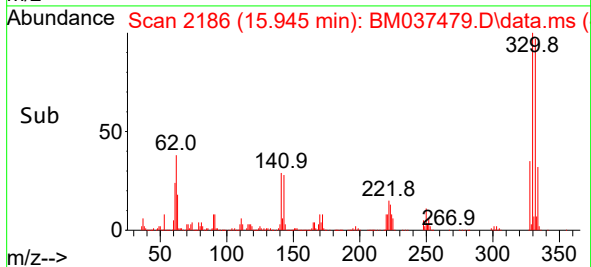
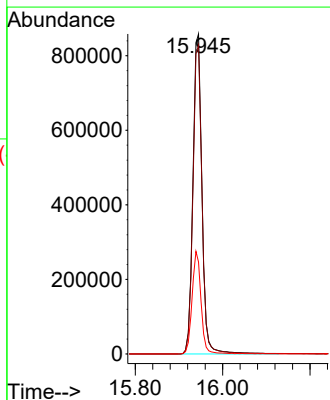
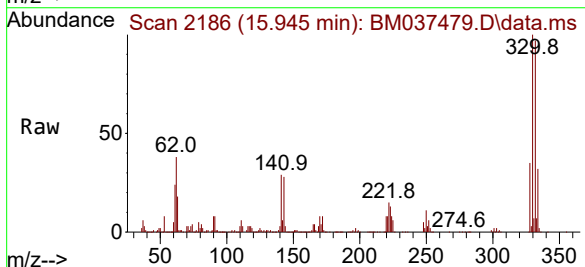
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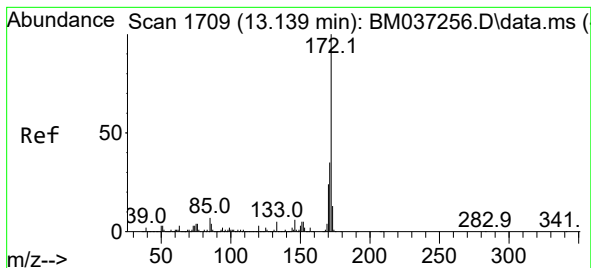
Tgt Ion:164 Resp: 512336
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 45.5 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 205.830 ng
RT: 15.945 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BM037479.D
Acq: 11 Nov 2022 22:30

Tgt Ion:330 Resp: 1242743
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 31.7 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 112.555 ng

RT: 13.074 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM037479.D

Acq: 11 Nov 2022 22:30

Instrument :

BNA_M

ClientSampleId :

TP-11

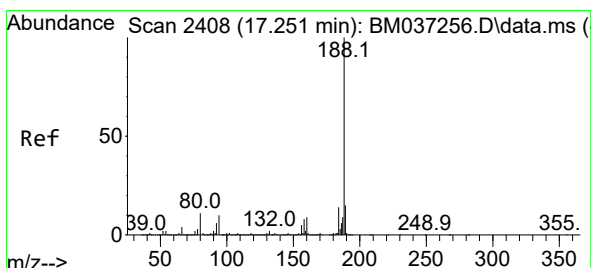
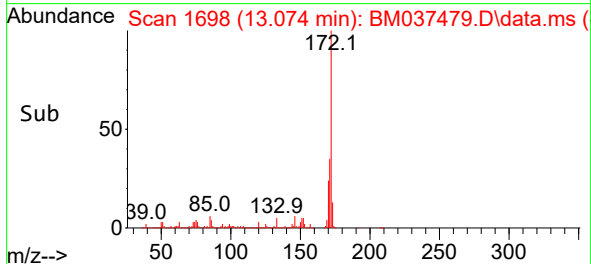
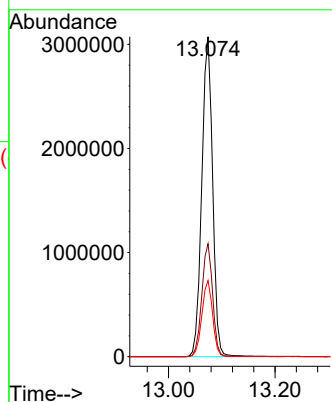
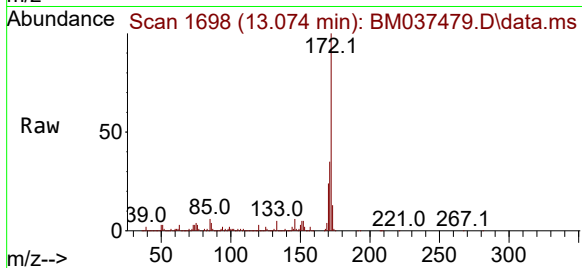
Tgt Ion:172 Resp: 4340056

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.8 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2398

Delta R.T. -0.006 min

Lab File: BM037479.D

Acq: 11 Nov 2022 22:30

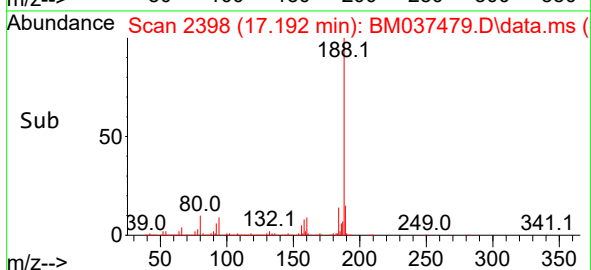
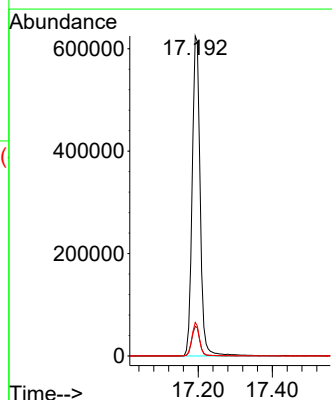
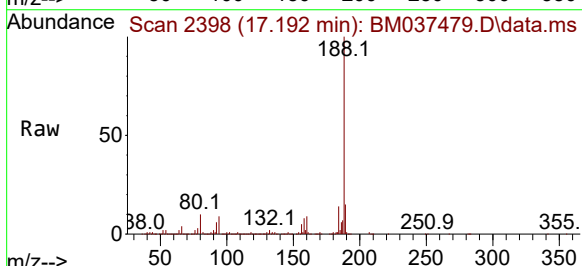
Tgt Ion:188 Resp: 935630

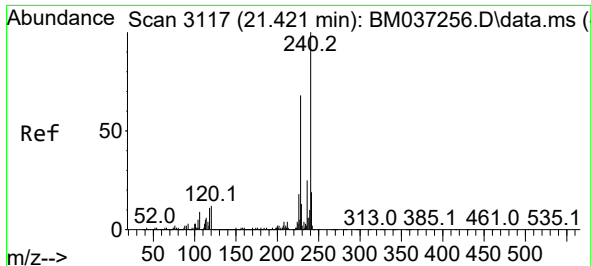
Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.5 8.5 12.7

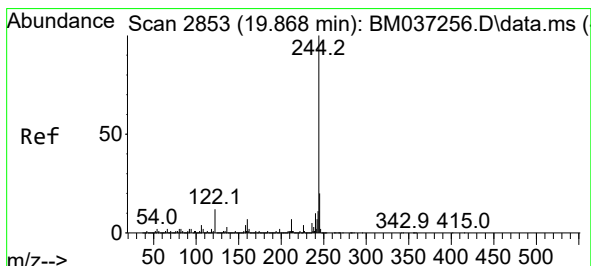
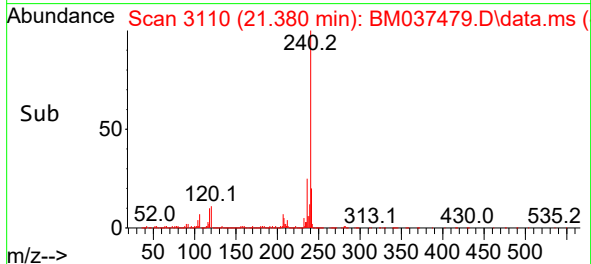
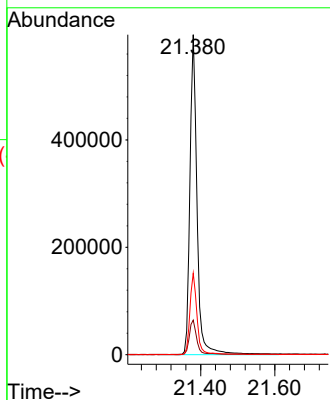
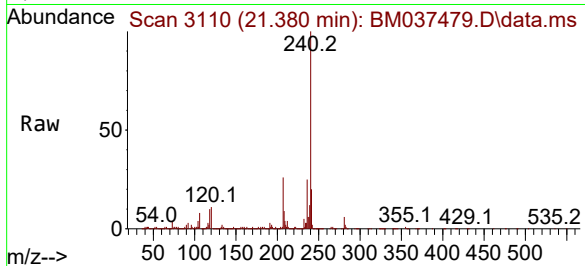




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM037479.D
Acq: 11 Nov 2022 22:30

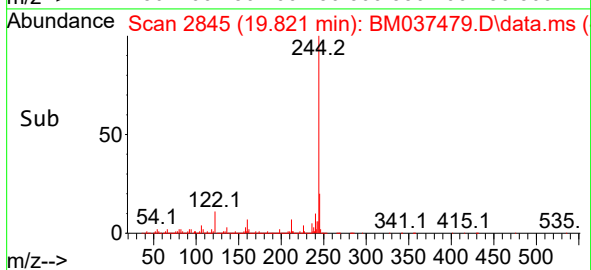
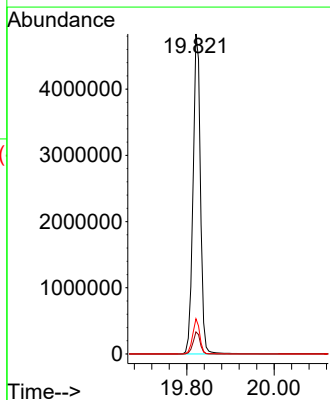
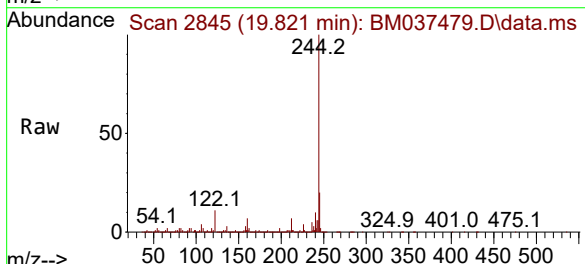
Instrument :
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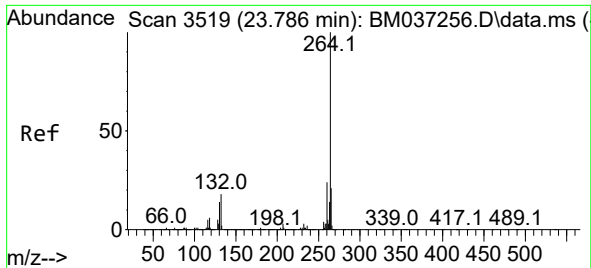
Tgt Ion:240 Resp: 797302
Ion Ratio Lower Upper
240 100
120 10.8 9.9 14.9
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 128.203 ng
RT: 19.821 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BM037479.D
Acq: 11 Nov 2022 22:30

Tgt Ion:244 Resp: 5700015
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 11.0 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM037479.D
 Acq: 11 Nov 2022 22:30

Instrument :
 BNA_M
 ClientSampleId :
 TP-11

Tgt Ion:264 Resp: 862381
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 22.7 17.7 26.5

