

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037480.D
 Acq On : 11 Nov 2022 23:07
 Operator : CG/JU
 Sample : N5530-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-11

Quant Time: Nov 12 00:42:22 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)

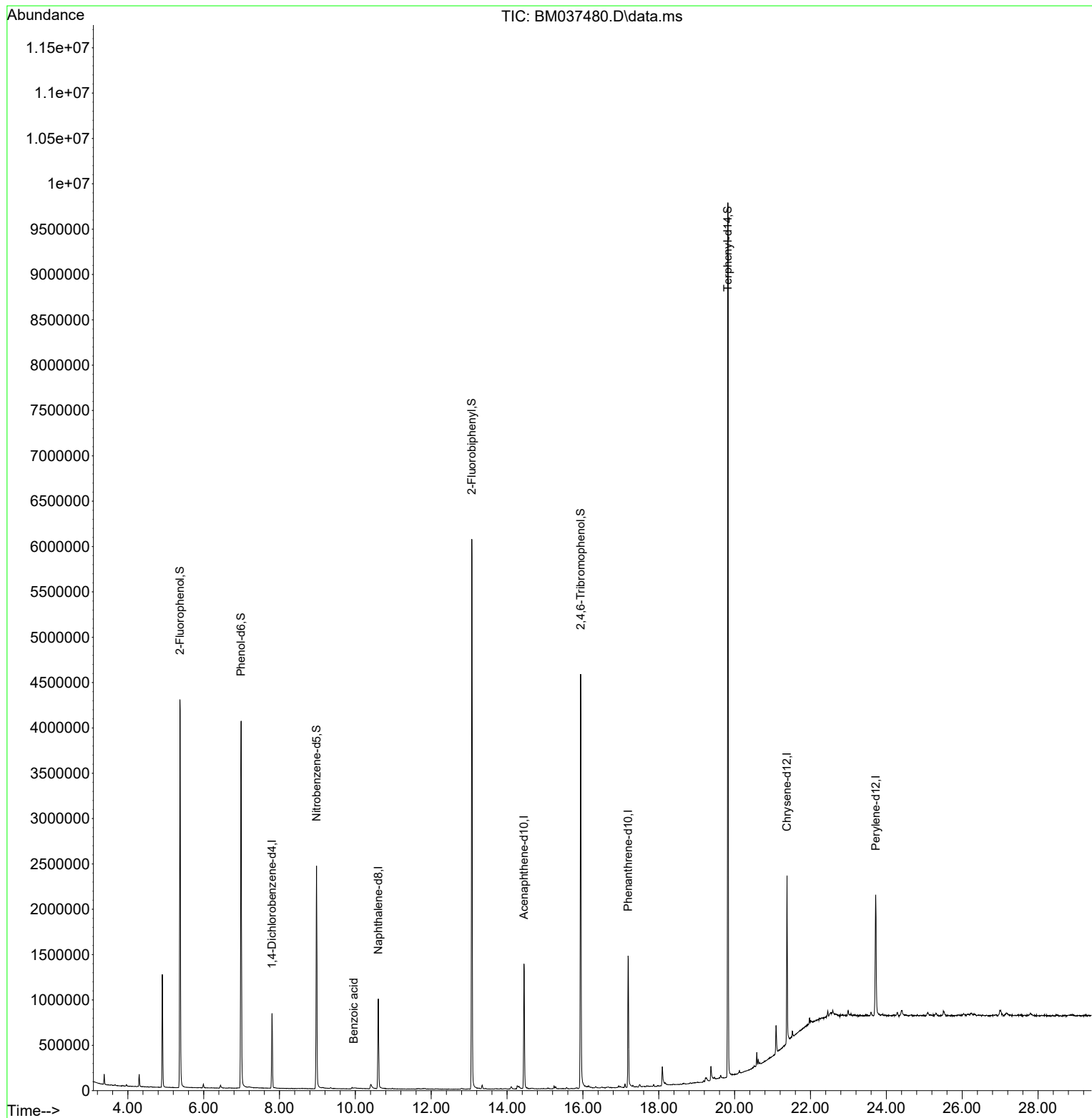
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	223142	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	852669	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	485357	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	910422	20.000	ng	0.00
76) Chrysene-d12	21.380	240	870453	20.000	ng	0.00
86) Perylene-d12	23.721	264	973770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1826349	141.402	ng	0.00
7) Phenol-d6	6.987	99	2297491	131.062	ng	0.00
23) Nitrobenzene-d5	8.975	82	1408656	83.350	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	907356	158.635	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	3153980	86.342	ng	0.00
79) Terphenyl-d14	19.821	244	4464586	91.978	ng	0.00
Target Compounds						
32) Benzoic acid	9.957	122	6762	7.535	ng	Qvalue 93

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

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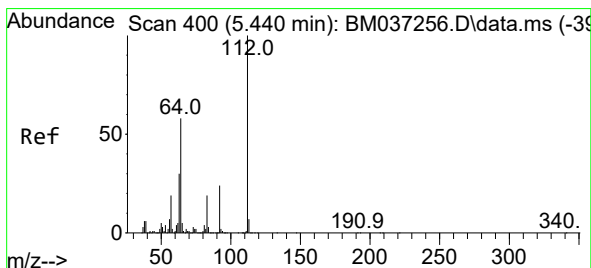
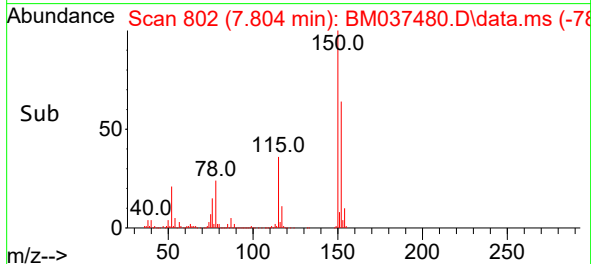
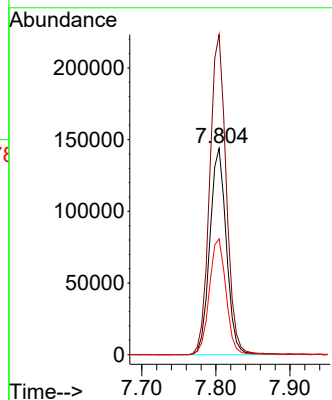
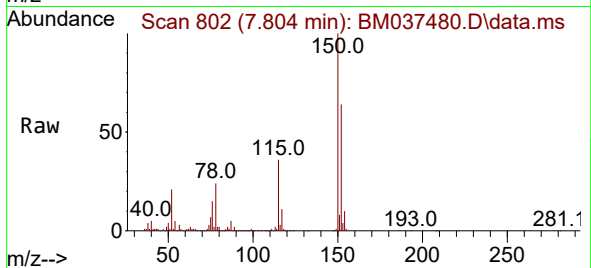




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037480.D
Acq: 11 Nov 2022 23:07

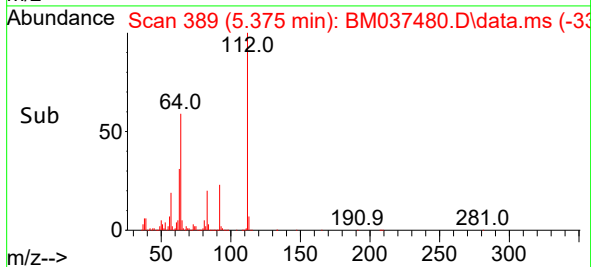
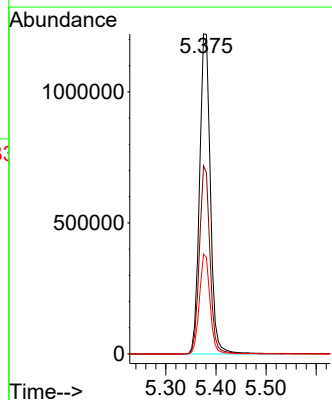
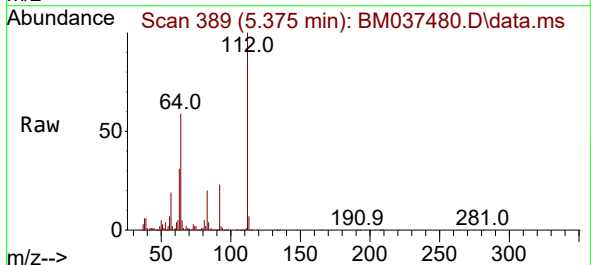
Instrument :
BNA_M
ClientSampleId :
SB-11

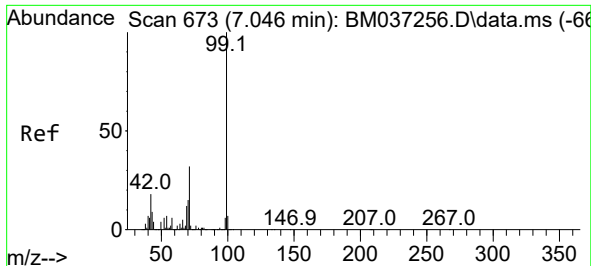
Tgt Ion:152 Resp: 223142
Ion Ratio Lower Upper
152 100
150 155.1 124.8 187.2
115 56.1 47.0 70.4



#5
2-Fluorophenol
Concen: 141.402 ng
RT: 5.375 min Scan# 389
Delta R.T. 0.000 min
Lab File: BM037480.D
Acq: 11 Nov 2022 23:07

Tgt Ion:112 Resp: 1826349
Ion Ratio Lower Upper
112 100
64 58.8 46.8 70.2
63 31.2 24.4 36.6



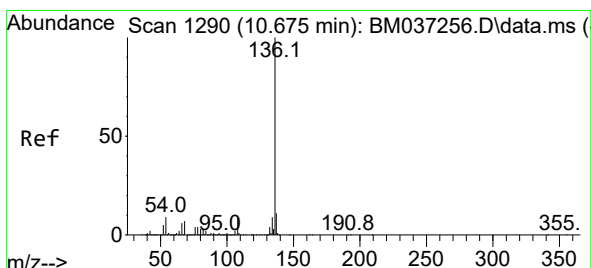
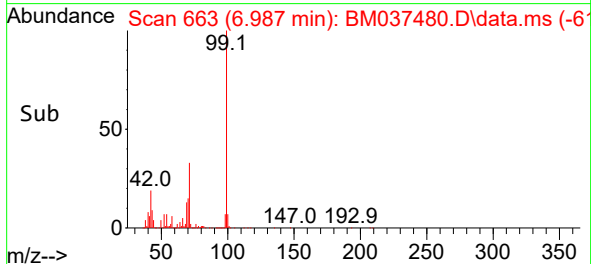
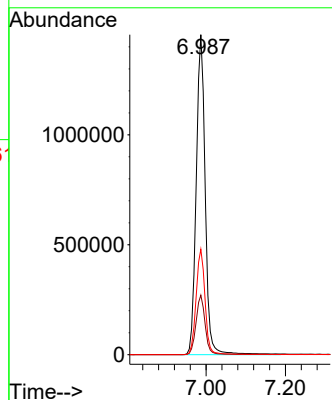
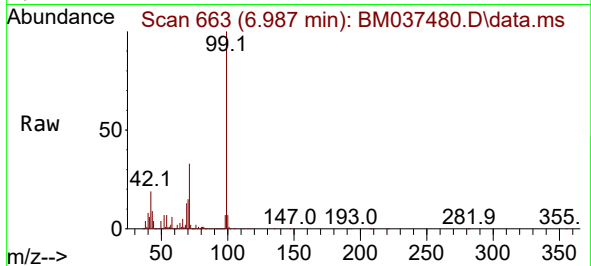


#7
Phenol-d6
Concen: 131.062 ng
RT: 6.987 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037480.D
Acq: 11 Nov 2022 23:07

Instrument :
BNA_M
ClientSampleId :
SB-11

Tgt Ion: 99 Resp: 2297491

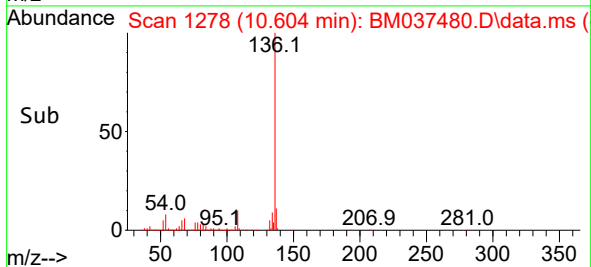
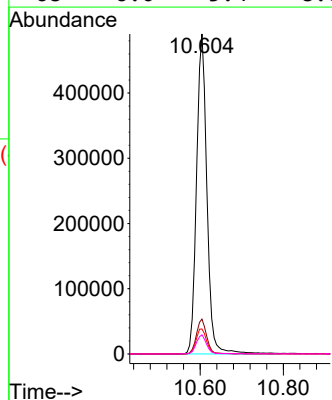
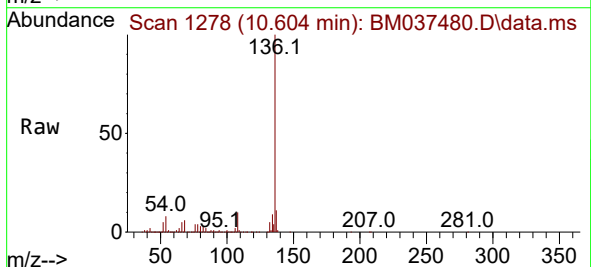
Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.8	22.2
71	32.9	25.6	38.4

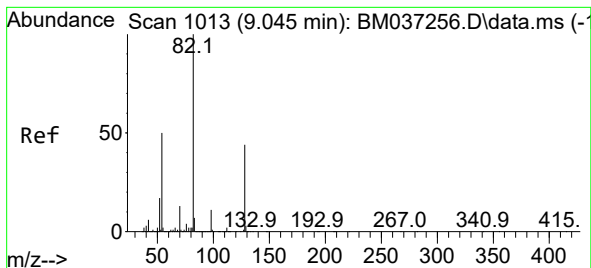


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037480.D
Acq: 11 Nov 2022 23:07

Tgt Ion: 136 Resp: 852669

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.8	7.0	10.4
68	6.0	5.4	8.0

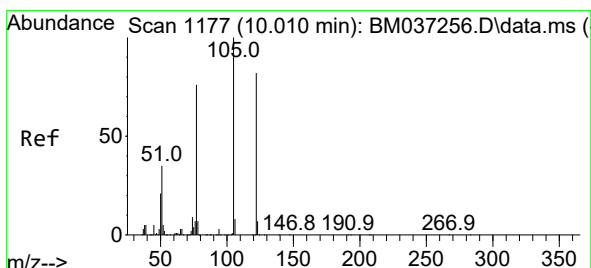
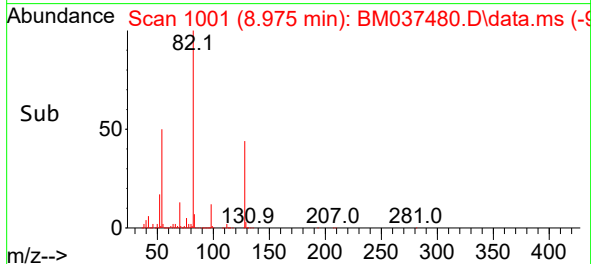
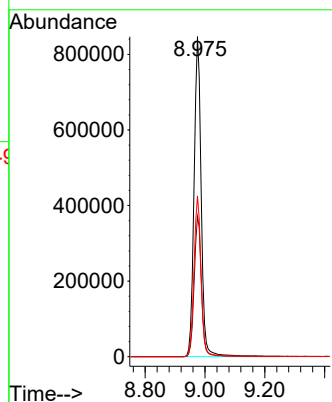
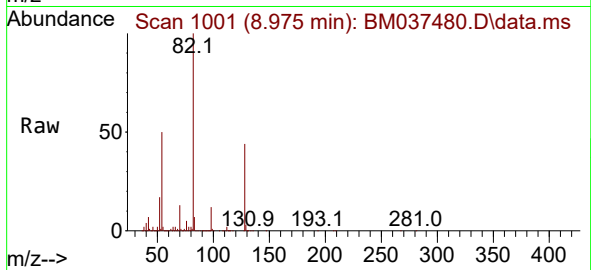




#23
Nitrobenzene-d5
Concen: 83.350 ng
RT: 8.975 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BM037480.D
Acq: 11 Nov 2022 23:07

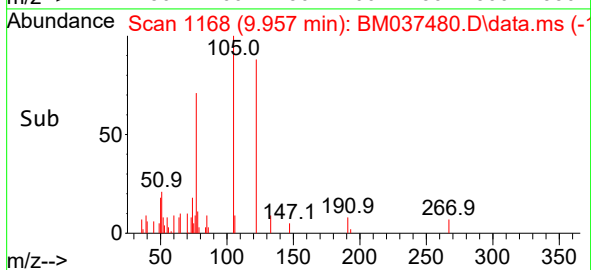
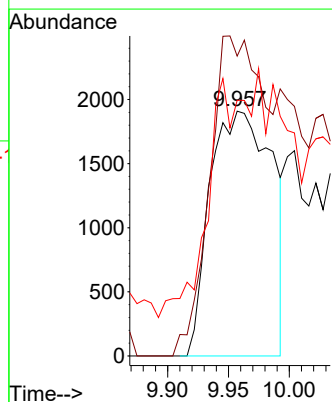
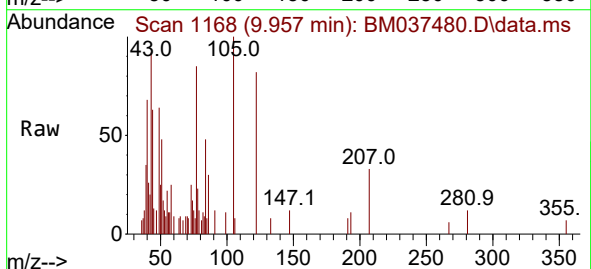
Instrument :
BNA_M
ClientSampleId :
SB-11

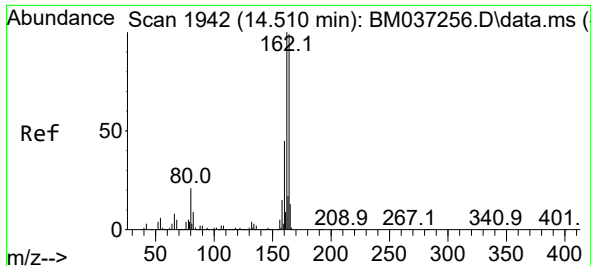
Tgt Ion: 82 Resp: 1408656
Ion Ratio Lower Upper
82 100
128 43.8 35.2 52.8
54 50.3 40.4 60.6



#32
Benzoic acid
Concen: 7.535 ng
RT: 9.957 min Scan# 1168
Delta R.T. -0.023 min
Lab File: BM037480.D
Acq: 11 Nov 2022 23:07

Tgt Ion: 122 Resp: 6762
Ion Ratio Lower Upper
122 100
105 122.5 100.1 140.1
77 104.4 71.7 111.7

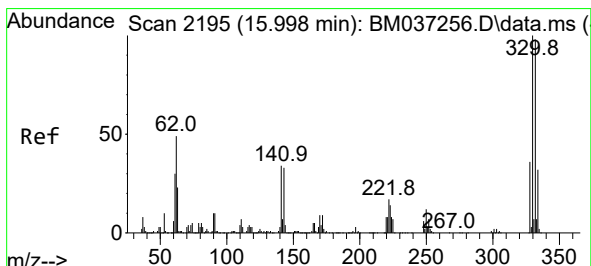
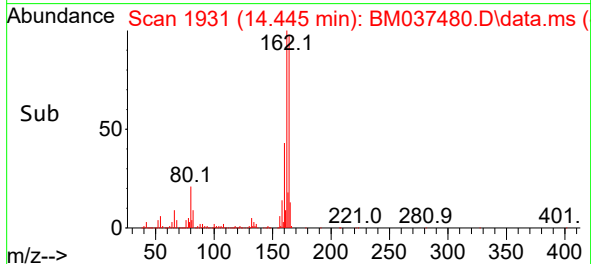
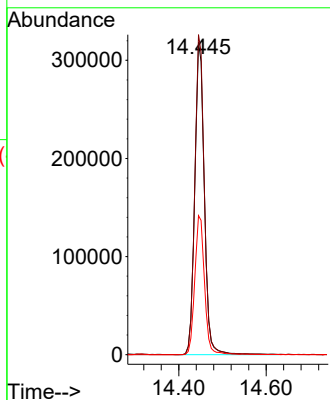
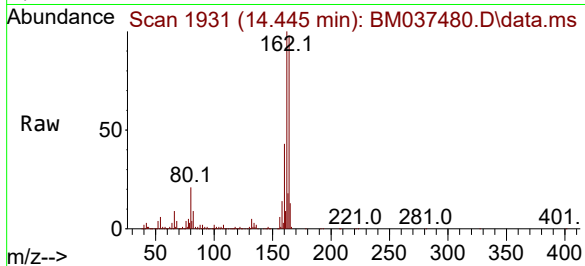




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM037480.D
Acq: 11 Nov 2022 23:07

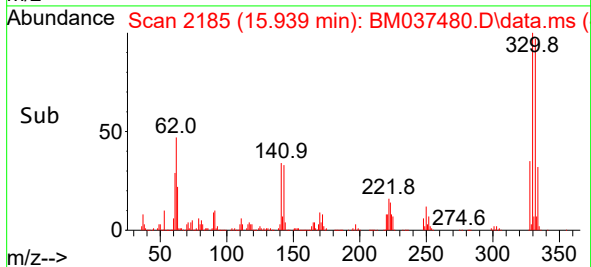
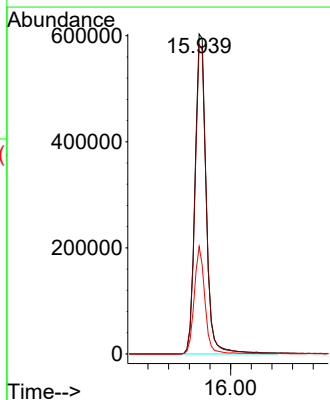
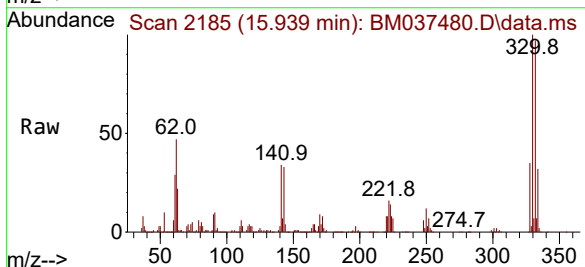
Instrument :
BNA_M
ClientSampleId :
SB-11

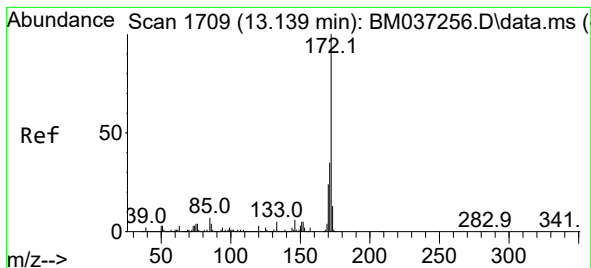
Tgt Ion:164 Resp: 485357
Ion Ratio Lower Upper
164 100
162 102.5 80.6 120.8
160 44.5 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 158.635 ng
RT: 15.939 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM037480.D
Acq: 11 Nov 2022 23:07

Tgt Ion:330 Resp: 907356
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 32.2 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 86.342 ng

RT: 13.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037480.D

Acq: 11 Nov 2022 23:07

Instrument :

BNA_M

ClientSampleId :

SB-11

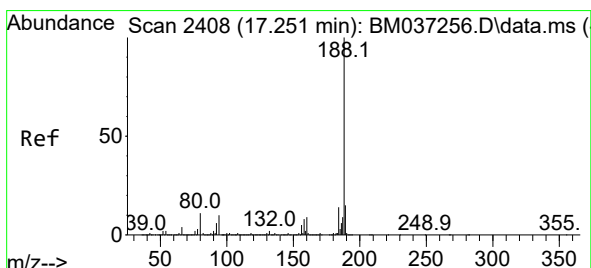
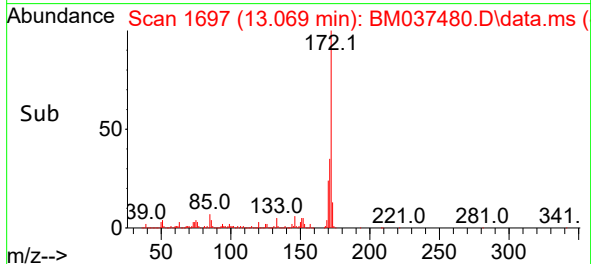
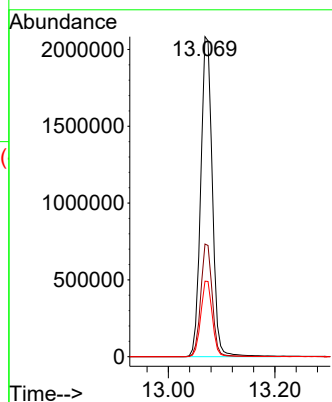
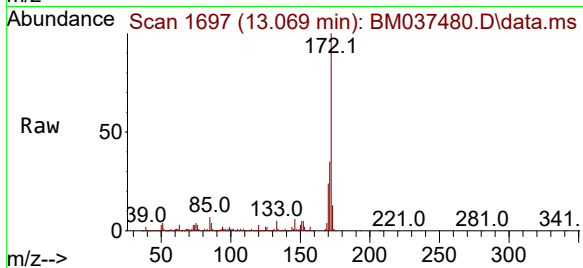
Tgt Ion:172 Resp: 3153980

Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.6 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: BM037480.D

Acq: 11 Nov 2022 23:07

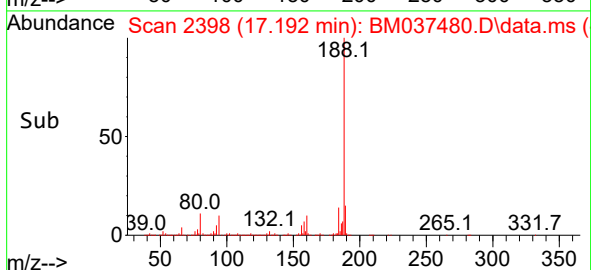
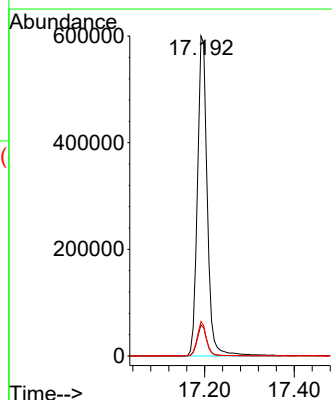
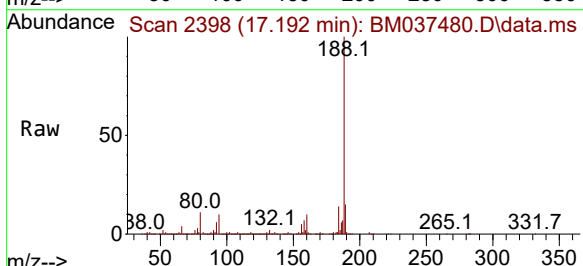
Tgt Ion:188 Resp: 910422

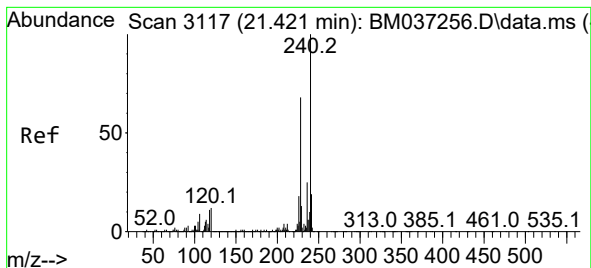
Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

80 10.8 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM037480.D

Acq: 11 Nov 2022 23:07

Instrument :

BNA_M

ClientSampleId :

SB-11

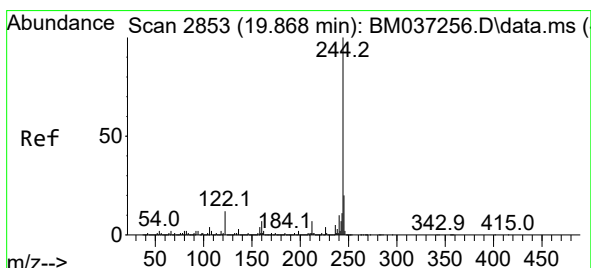
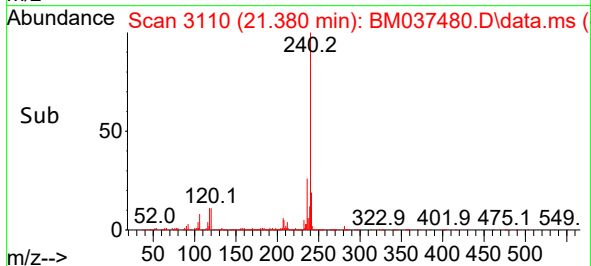
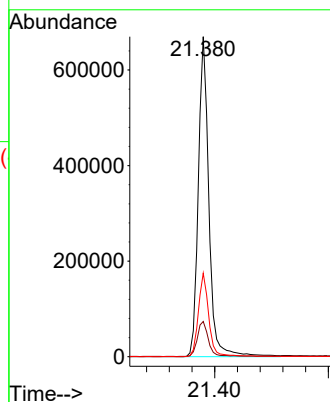
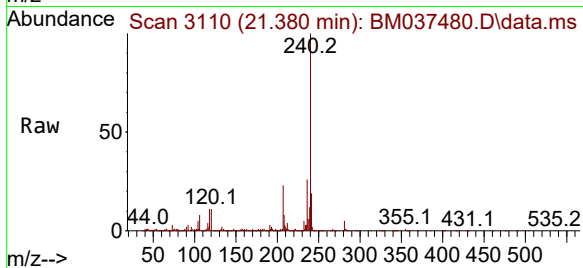
Tgt Ion:240 Resp: 870453

Ion Ratio Lower Upper

240 100

120 11.0 9.9 14.9

236 26.1 20.3 30.5



#79

Terphenyl-d14

Concen: 91.978 ng

RT: 19.821 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BM037480.D

Acq: 11 Nov 2022 23:07

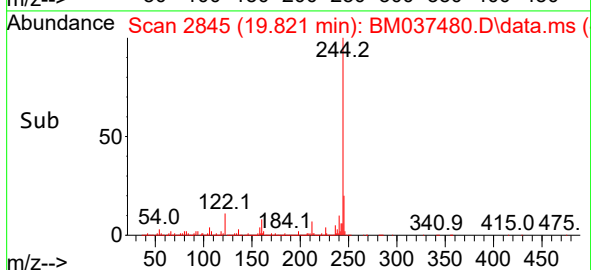
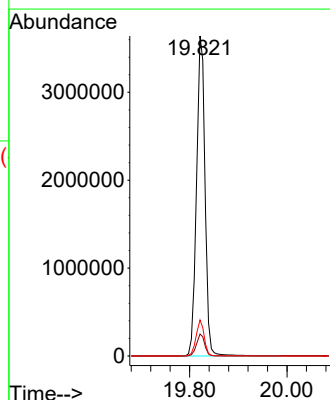
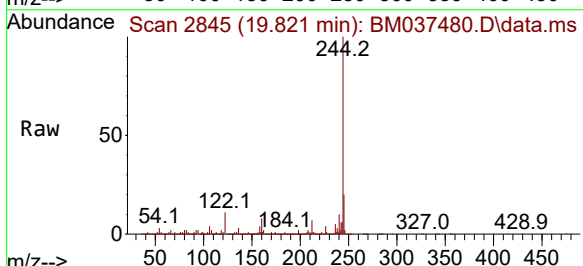
Tgt Ion:244 Resp: 4464586

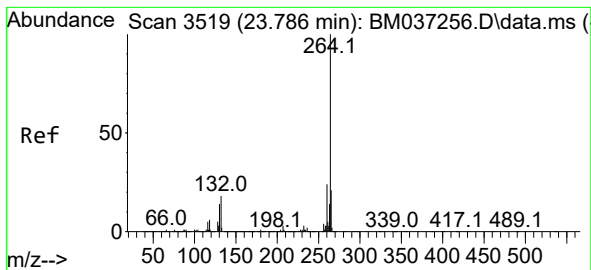
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.2 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: BM037480.D
 Acq: 11 Nov 2022 23:07

Instrument :
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Tgt Ion:264 Resp: 973770
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.9 17.7 26.5

