

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037476.D
 Acq On : 11 Nov 2022 20:41
 Operator : CG/JU
 Sample : N5531-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-33

Quant Time: Nov 11 22:59:47 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)

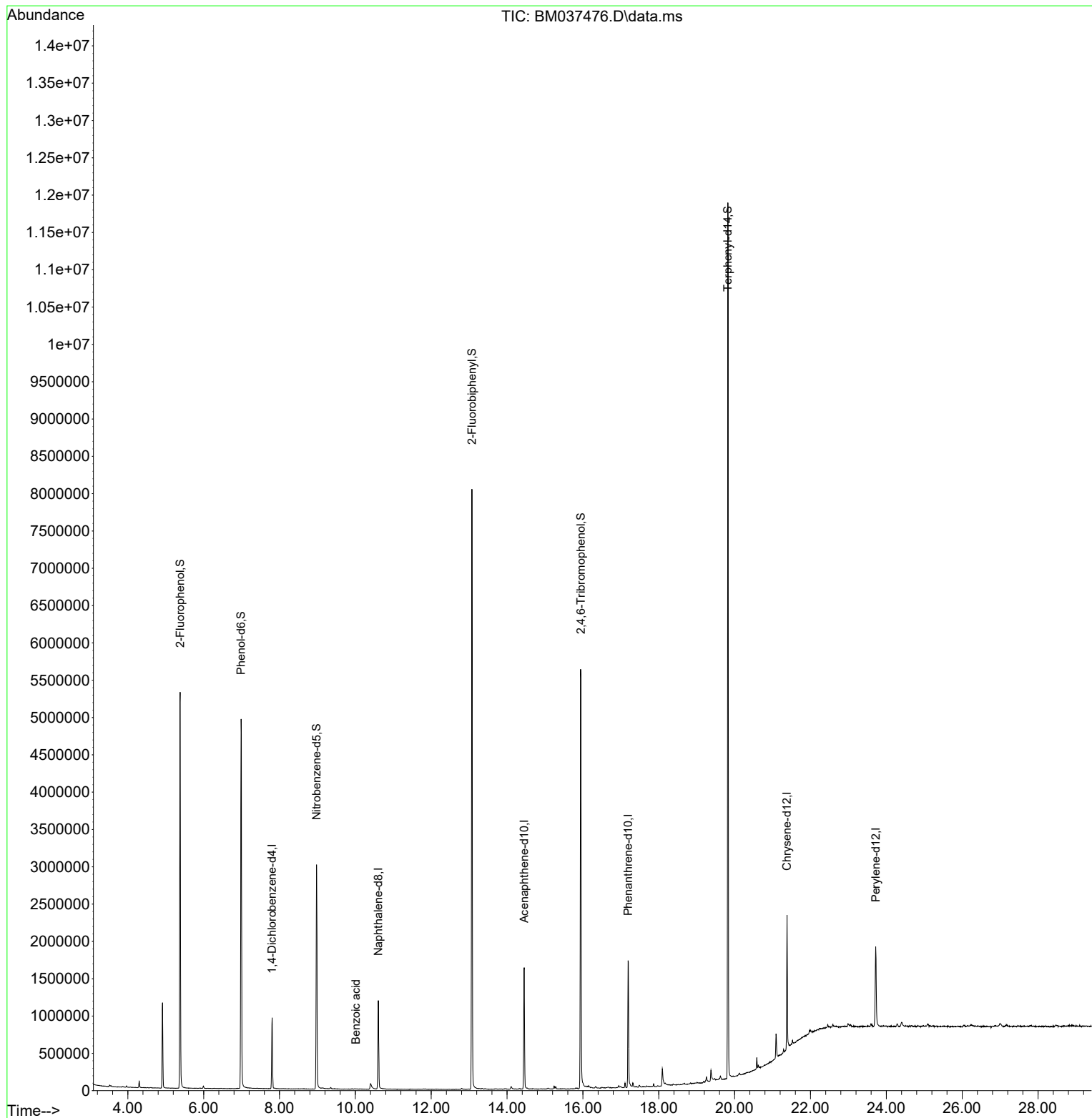
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	255336	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	992590	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	570459	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1071357	20.000	ng	0.00
76) Chrysene-d12	21.380	240	853776	20.000	ng	0.00
86) Perylene-d12	23.721	264	821625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2274345	153.885	ng	0.00
7) Phenol-d6	6.987	99	2859769	142.568	ng	0.00
23) Nitrobenzene-d5	8.975	82	1746814	88.789	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1151261	171.251	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	3952722	92.065	ng	0.00
79) Terphenyl-d14	19.821	244	5443072	114.326	ng	0.00
Target Compounds						
32) Benzoic acid	10.016	122	249	6.995	ng	Qvalue 84

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

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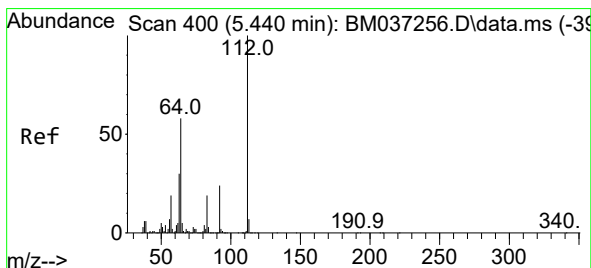
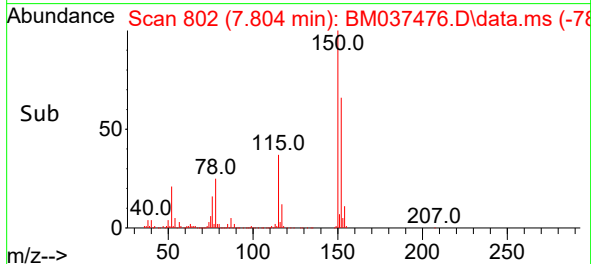
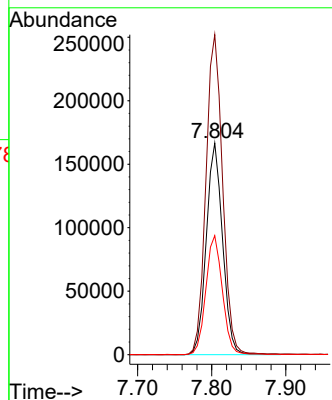
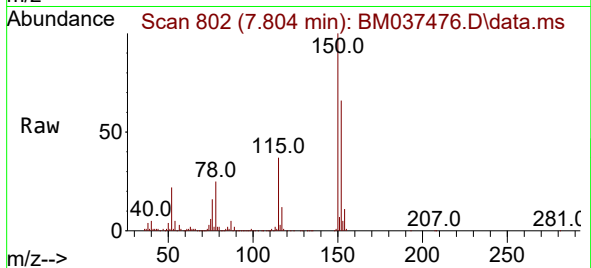




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

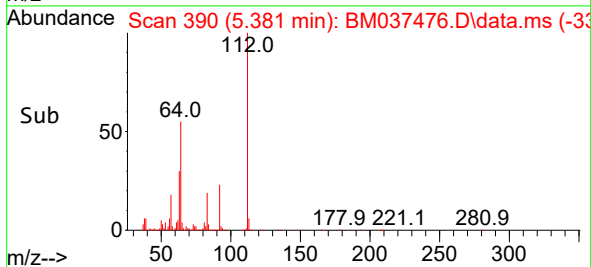
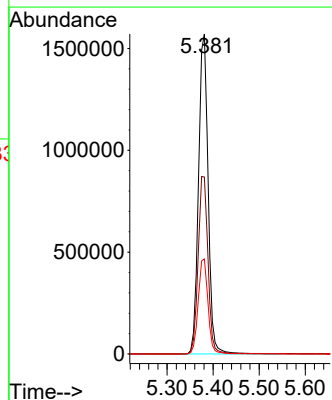
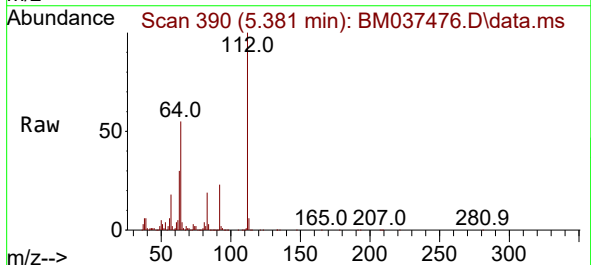
Instrument :
BNA_M
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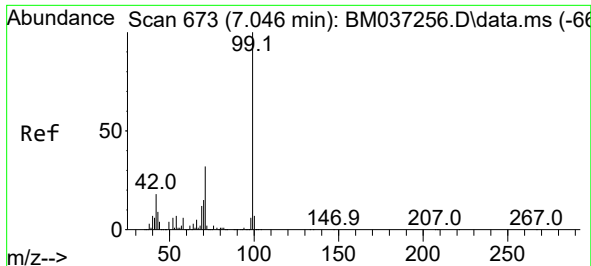
Tgt Ion:152 Resp: 255336
Ion Ratio Lower Upper
152 100
150 151.1 124.8 187.2
115 56.3 47.0 70.4



#5
2-Fluorophenol
Concen: 153.885 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:112 Resp: 2274345
Ion Ratio Lower Upper
112 100
64 55.3 46.8 70.2
63 29.7 24.4 36.6

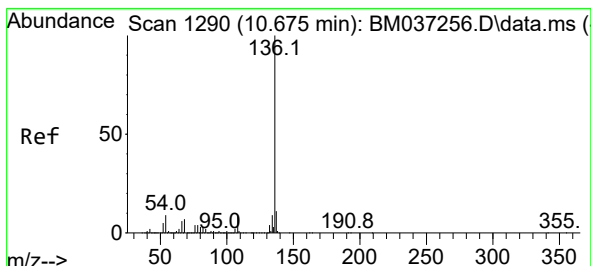
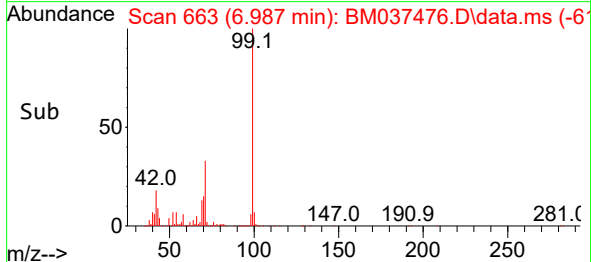
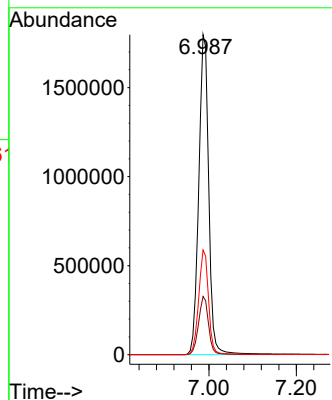
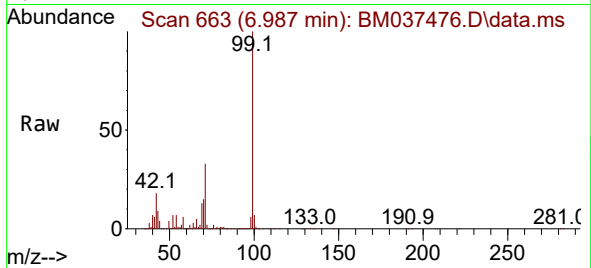




#7
Phenol-d6
Concen: 142.568 ng
RT: 6.987 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

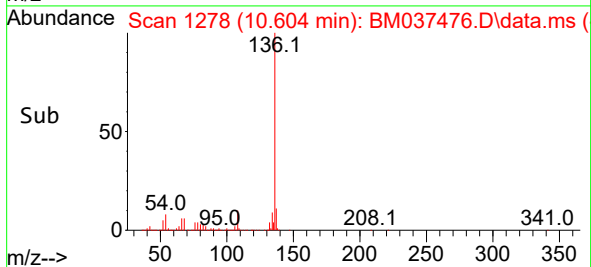
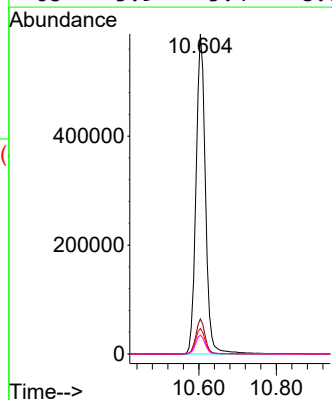
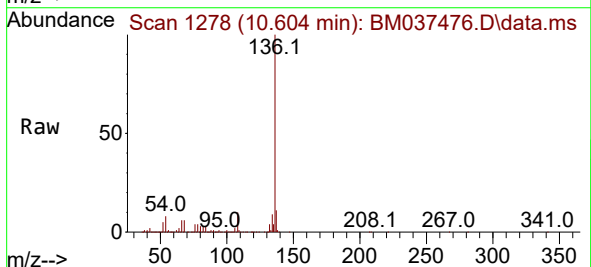
Instrument :
BNA_M
ClientSampleId :
SB-33

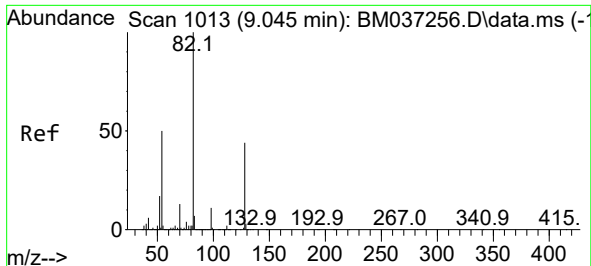
Tgt Ion: 99 Resp: 2859769
Ion Ratio Lower Upper
99 100
42 18.2 14.8 22.2
71 32.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion: 136 Resp: 992590
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.9 7.0 10.4
68 5.9 5.4 8.0

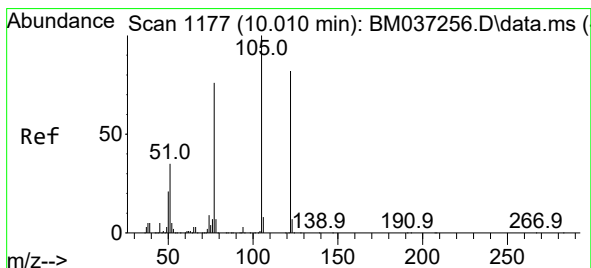
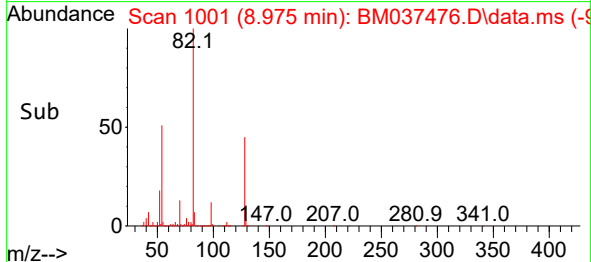
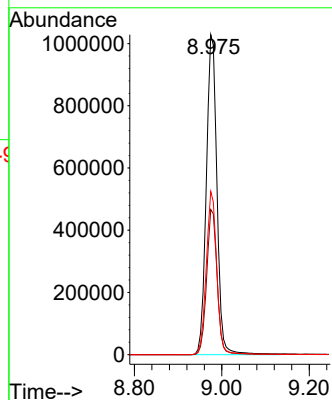
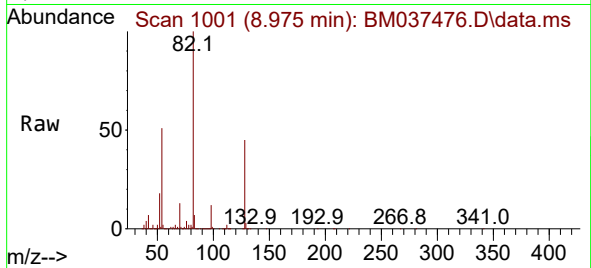




#23
Nitrobenzene-d5
Concen: 88.789 ng
RT: 8.975 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

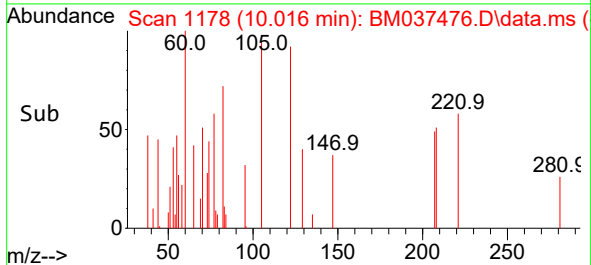
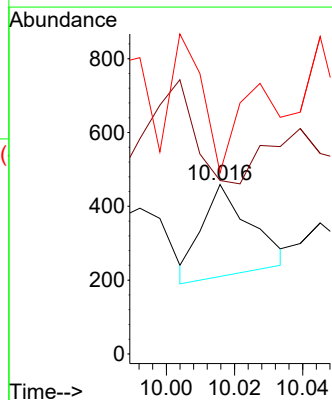
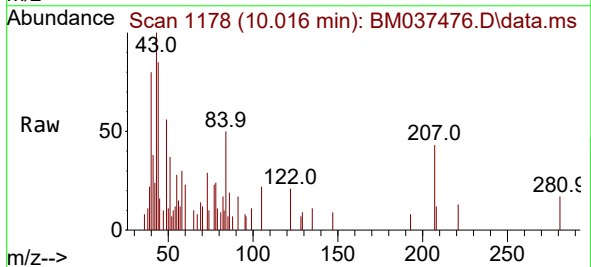
Instrument :
BNA_M
ClientSampleId :
SB-33

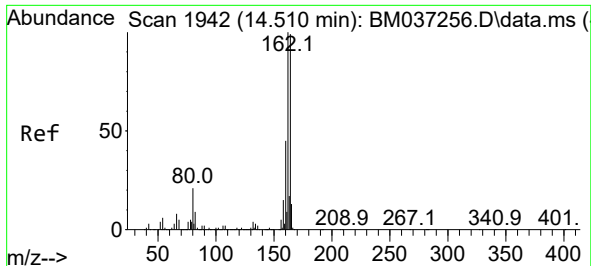
Tgt Ion: 82 Resp: 1746814
Ion Ratio Lower Upper
82 100
128 45.4 35.2 52.8
54 51.0 40.4 60.6



#32
Benzoic acid
Concen: 6.995 ng
RT: 10.016 min Scan# 1178
Delta R.T. 0.035 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:122 Resp: 249
Ion Ratio Lower Upper
122 100
105 102.4 100.1 140.1
77 107.0 71.7 111.7

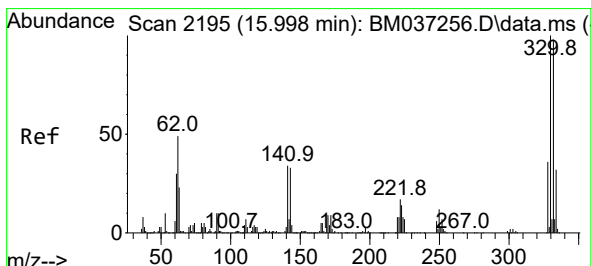
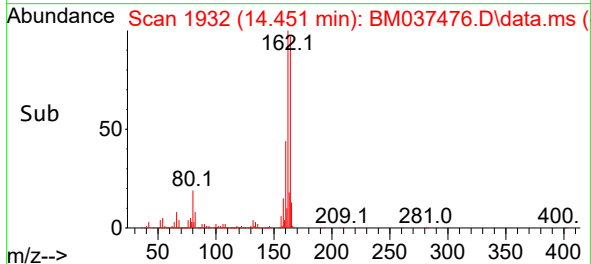
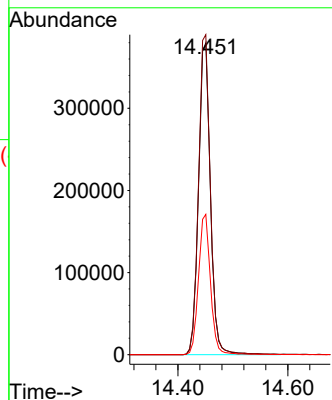
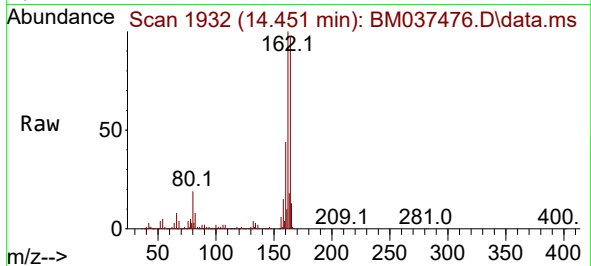




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

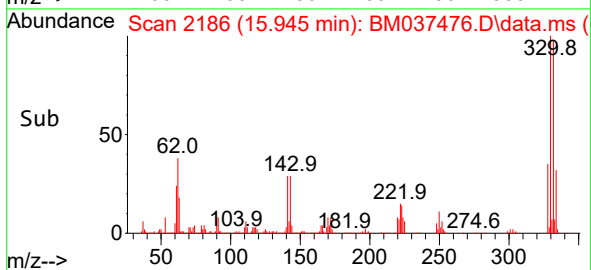
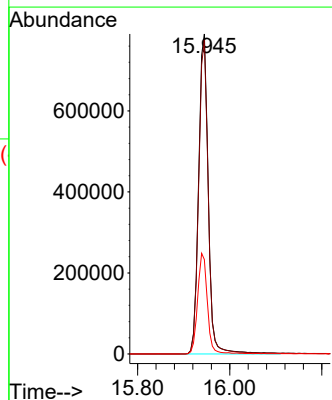
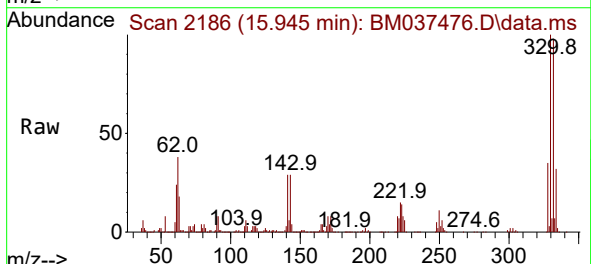
Instrument :
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ClientSampleId :
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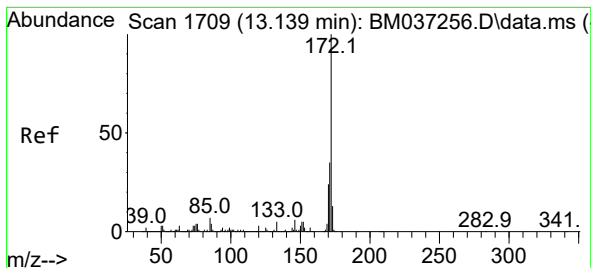
Tgt Ion:164 Resp: 570459
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 45.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 171.251 ng
RT: 15.945 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Tgt Ion:330 Resp: 1151261
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 31.8 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 92.065 ng

RT: 13.074 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

Instrument :

BNA_M

ClientSampleId :

SB-33

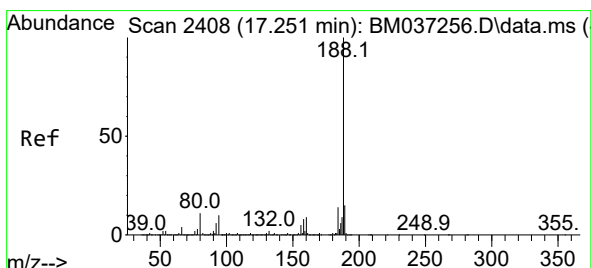
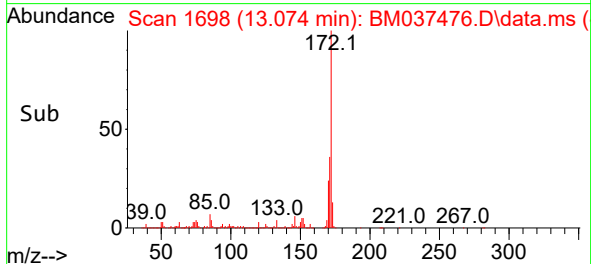
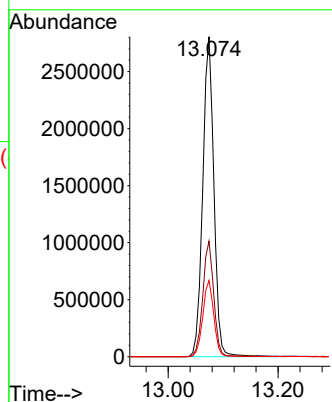
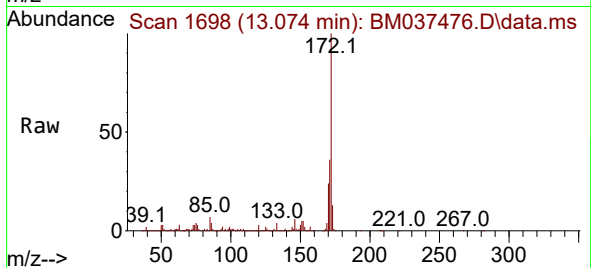
Tgt Ion:172 Resp: 3952722

Ion Ratio Lower Upper

172 100

171 36.1 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: BM037476.D

Acq: 11 Nov 2022 20:41

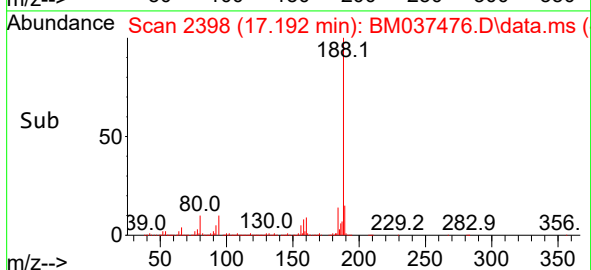
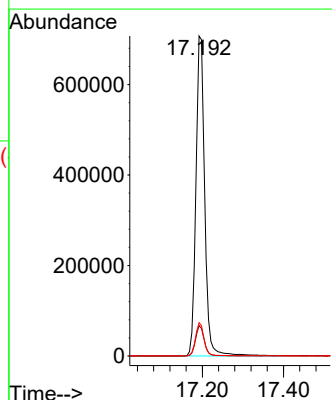
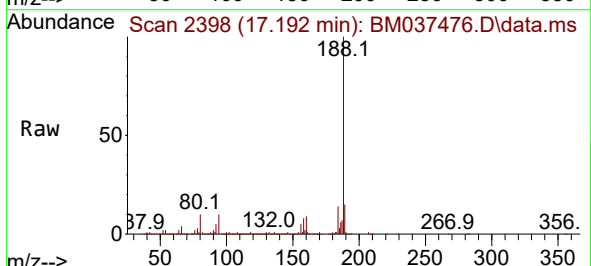
Tgt Ion:188 Resp: 1071357

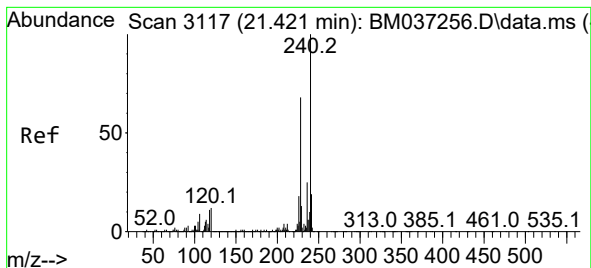
Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 10.4 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: BM037476.D

Acq: 11 Nov 2022 20:41

Instrument :

BNA_M

ClientSampleId :

SB-33

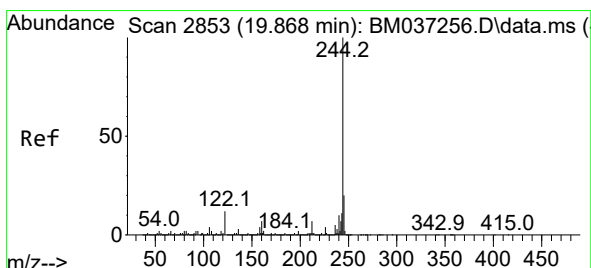
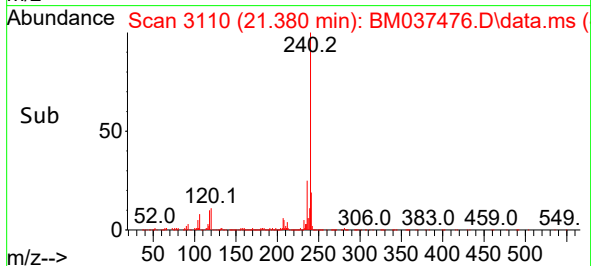
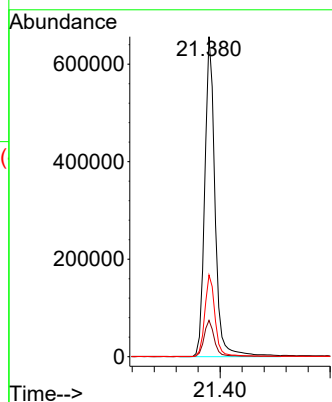
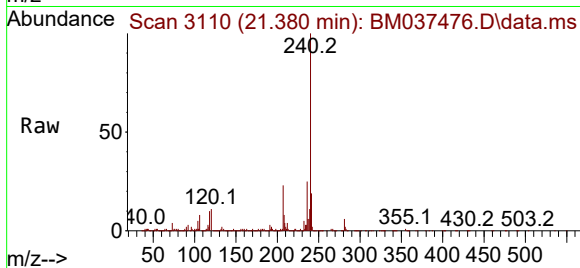
Tgt Ion:240 Resp: 853776

Ion Ratio Lower Upper

240 100

120 11.4 9.9 14.9

236 25.5 20.3 30.5



#79

Terphenyl-d14

Concen: 114.326 ng

RT: 19.821 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BM037476.D

Acq: 11 Nov 2022 20:41

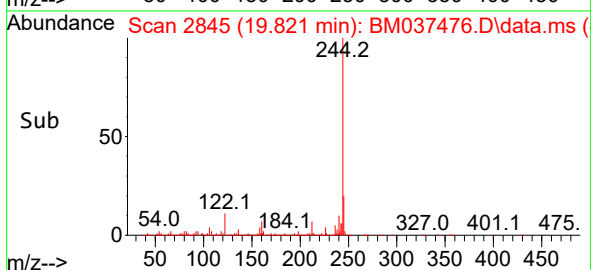
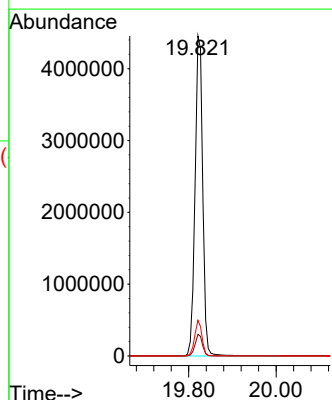
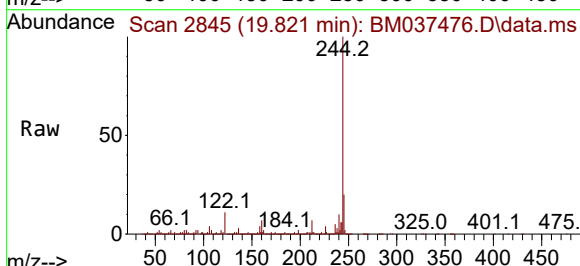
Tgt Ion:244 Resp: 5443072

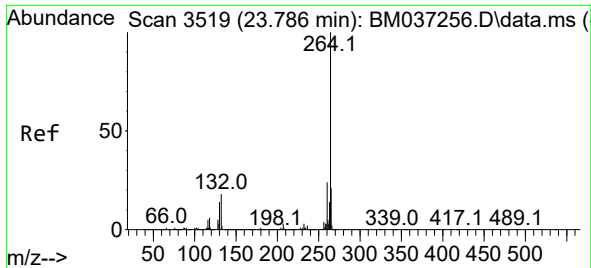
Ion Ratio Lower Upper

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# 3
Delta R.T. -0.000 min
Lab File: BM037476.D
Acq: 11 Nov 2022 20:41

Instrument :
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Tgt Ion:264 Resp: 821625
Ion Ratio Lower Upper
264 100
260 23.2 18.9 28.3
265 22.6 17.7 26.5

