

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037467.D
 Acq On : 11 Nov 2022 15:03
 Operator : CG/JU
 Sample : N5532-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-01

Quant Time: Nov 11 22:56:03 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)

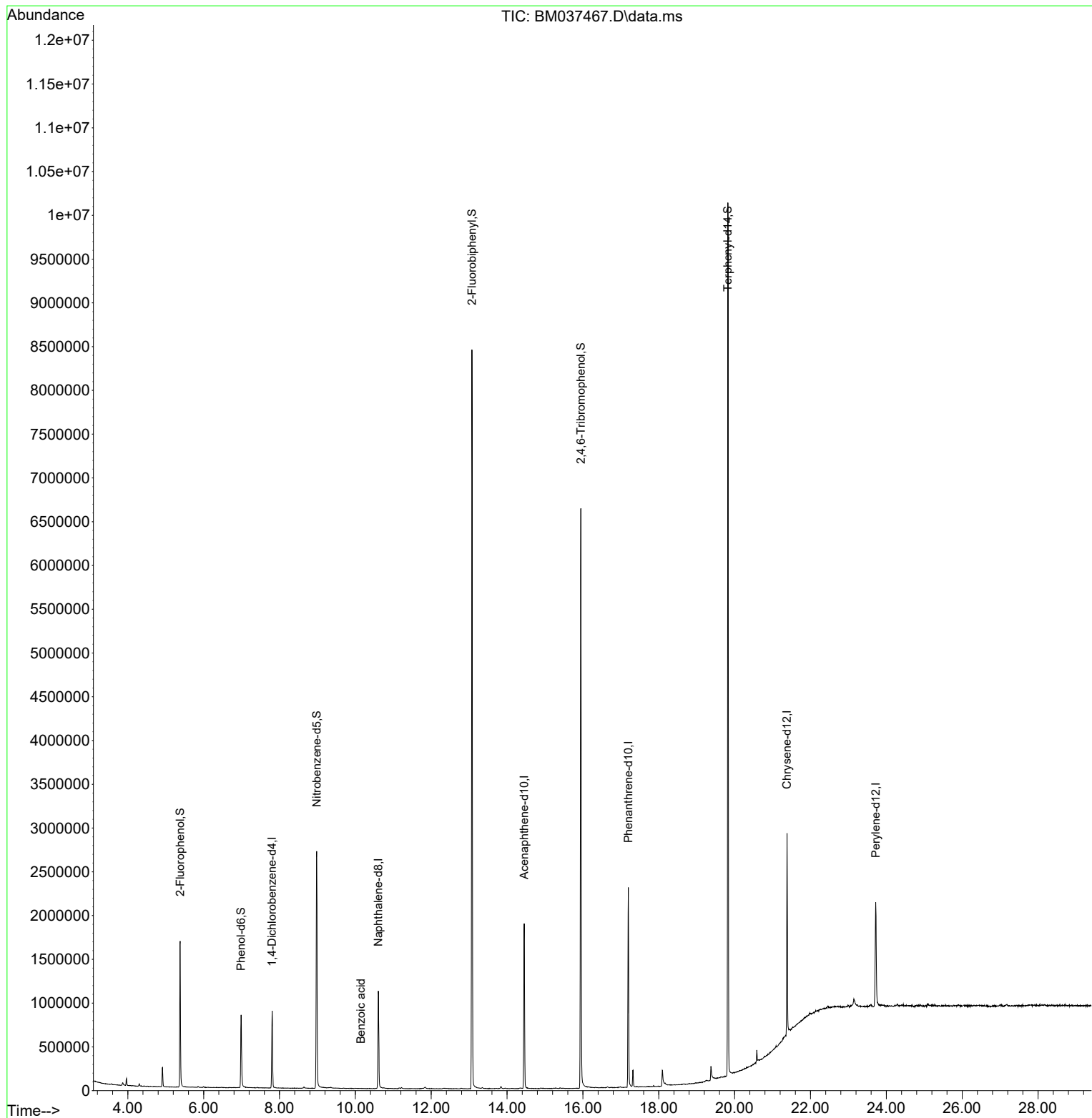
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	236855	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	962218	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	640813	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1326716	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1108673	20.000	ng	0.00
86) Perylene-d12	23.721	264	920689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	744264	54.287	ng	0.00
7) Phenol-d6	6.987	99	515006	27.678	ng	0.00
23) Nitrobenzene-d5	8.980	82	1615488	84.706	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1275606	168.915	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	4139322	85.827	ng	0.00
79) Terphenyl-d14	19.821	244	4719216	76.333	ng	0.00
Target Compounds						
32) Benzoic acid	10.145	122	66	6.982	ng	Qvalue # 9

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

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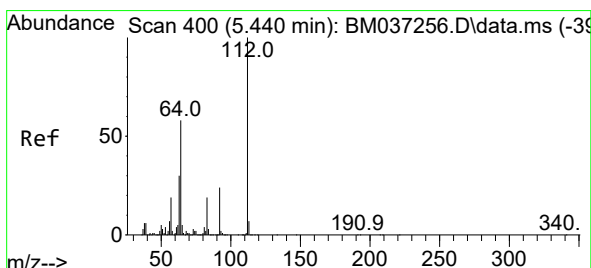
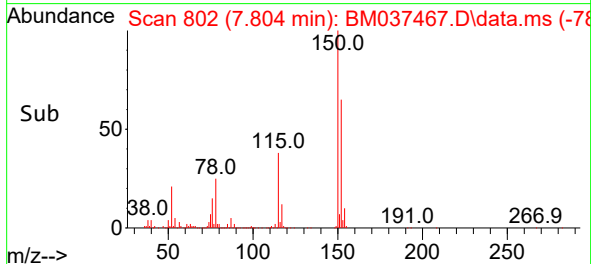
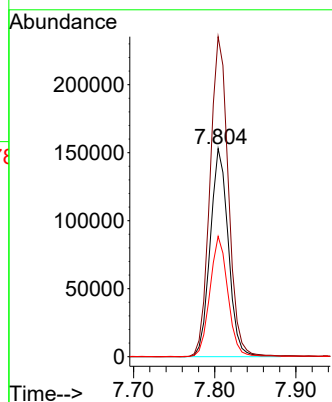
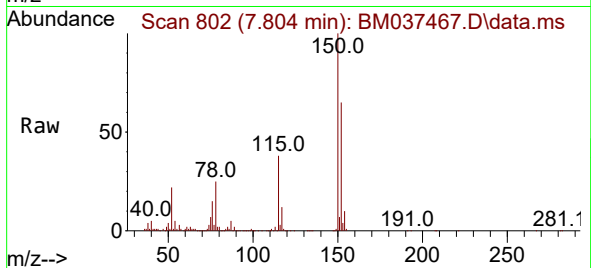




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

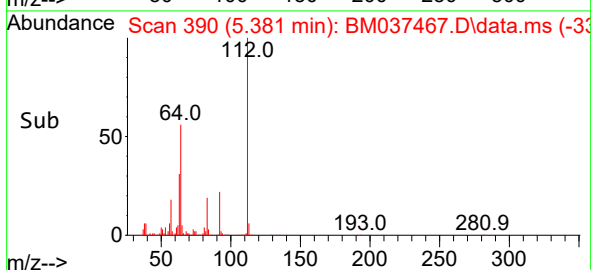
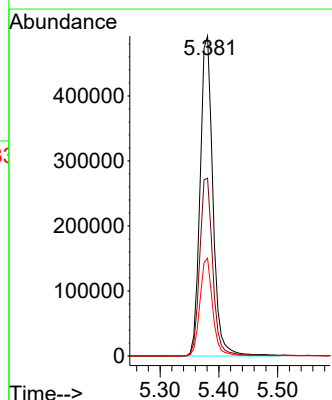
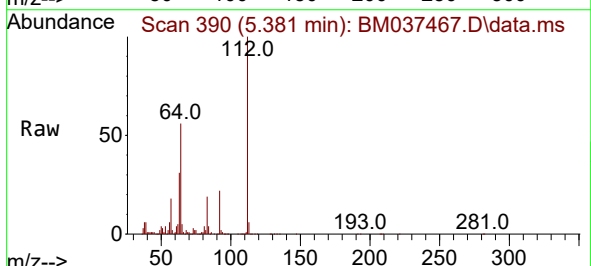
Instrument :
BNA_M
ClientSampleId :
FB-01

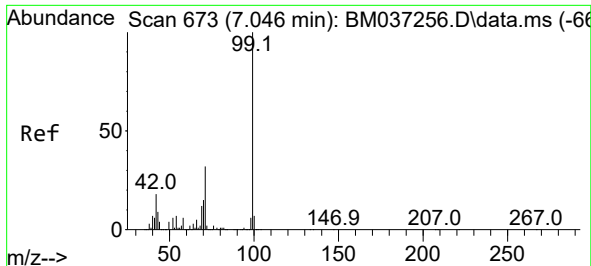
Tgt Ion:152 Resp: 236855
Ion Ratio Lower Upper
152 100
150 153.7 124.8 187.2
115 57.8 47.0 70.4



#5
2-Fluorophenol
Concen: 54.287 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion:112 Resp: 744264
Ion Ratio Lower Upper
112 100
64 55.6 46.8 70.2
63 30.6 24.4 36.6

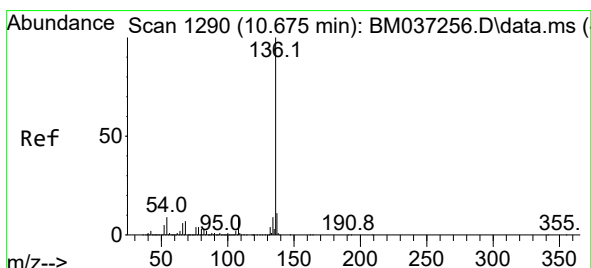
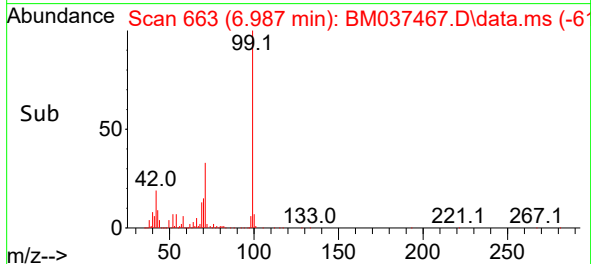
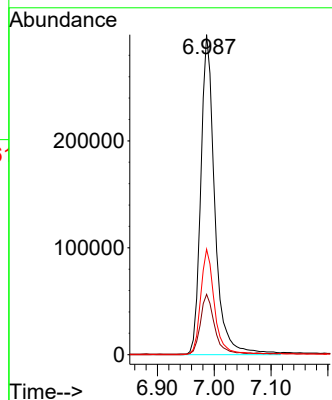
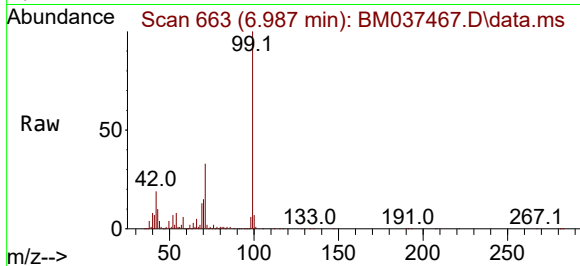




#7
Phenol-d6
Concen: 27.678 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

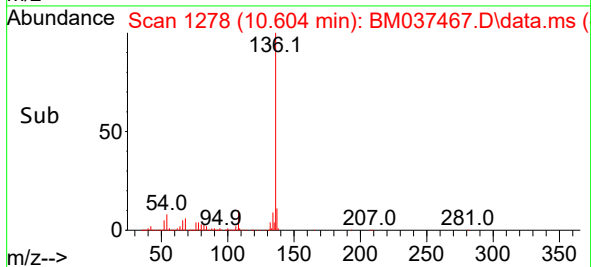
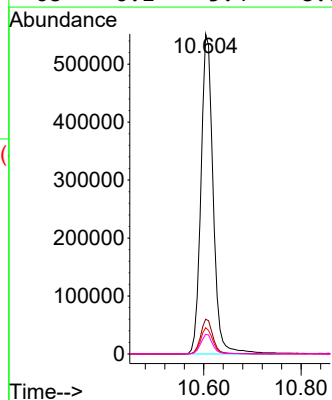
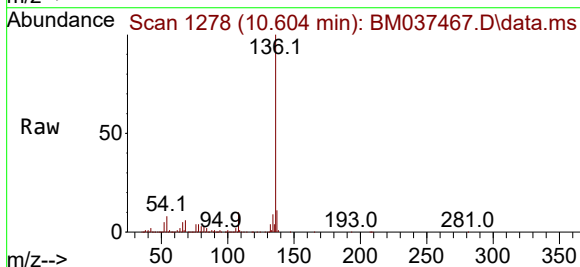
Instrument :
BNA_M
ClientSampleId :
FB-01

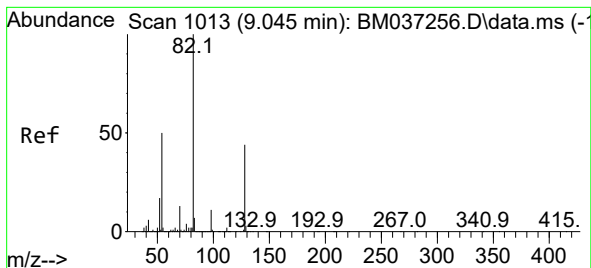
Tgt Ion: 99 Resp: 515006
Ion Ratio Lower Upper
99 100
42 18.9 14.8 22.2
71 33.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion: 136 Resp: 962218
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.2 7.0 10.4
68 6.1 5.4 8.0

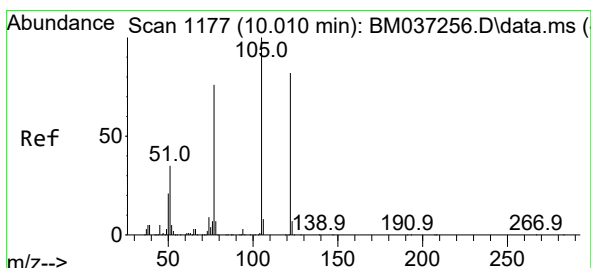
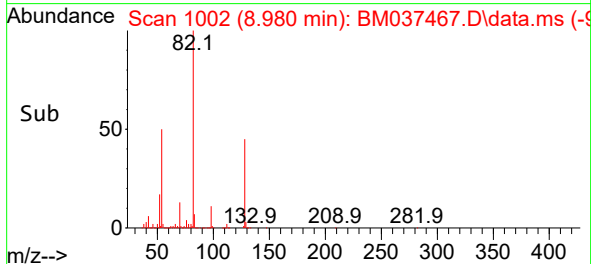
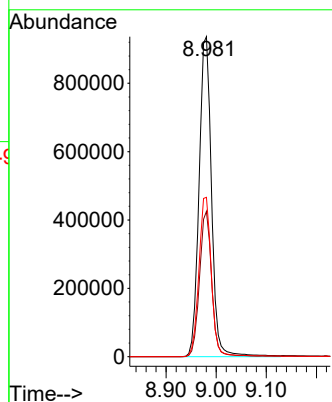
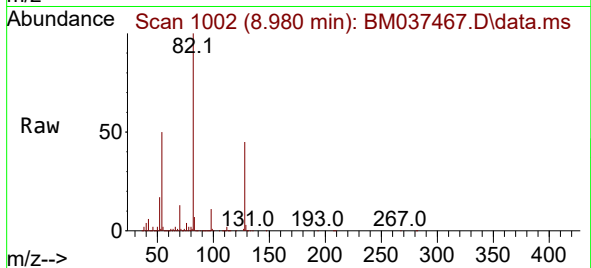




#23
Nitrobenzene-d5
Concen: 84.706 ng
RT: 8.980 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

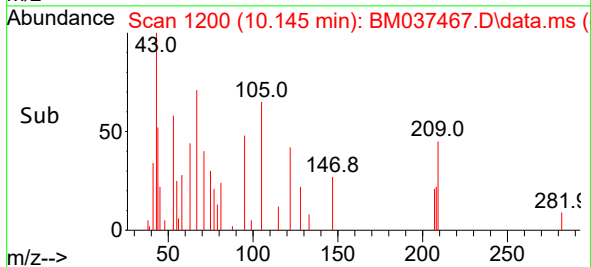
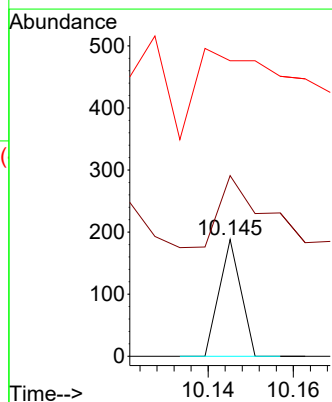
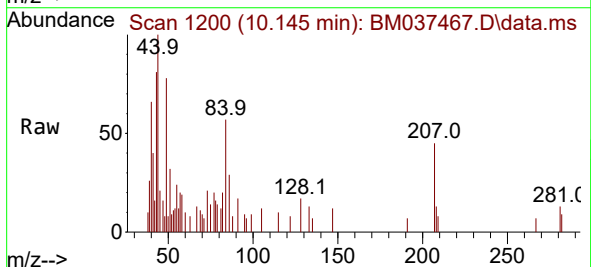
Instrument :
BNA_M
ClientSampleId :
FB-01

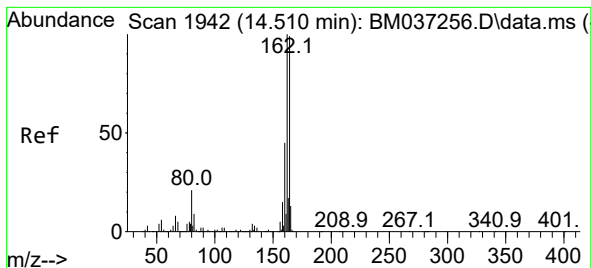
Tgt Ion: 82 Resp: 1615488
Ion Ratio Lower Upper
82 100
128 45.4 35.2 52.8
54 49.8 40.4 60.6



#32
Benzoic acid
Concen: 6.982 ng
RT: 10.145 min Scan# 1200
Delta R.T. 0.165 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion: 122 Resp: 66
Ion Ratio Lower Upper
122 100
105 154.8 100.1 140.1#
77 253.2 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: BM037467.D

Acq: 11 Nov 2022 15:03

Instrument :

BNA_M

ClientSampleId :

FB-01

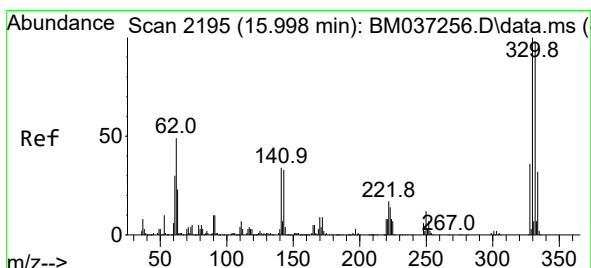
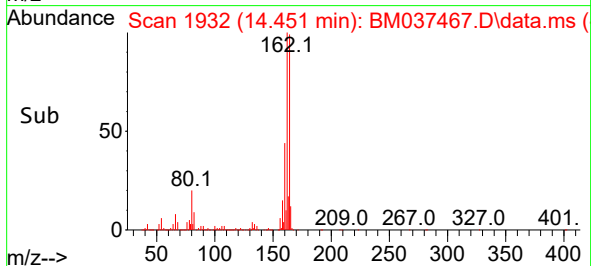
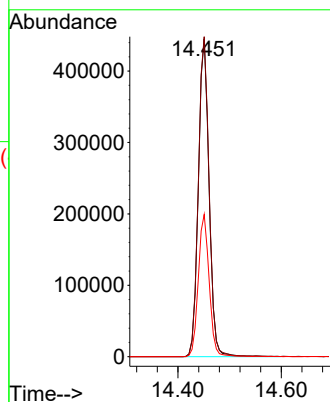
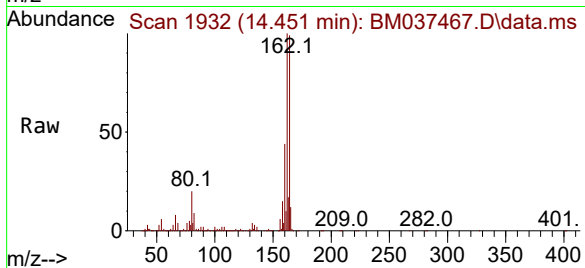
Tgt Ion:164 Resp: 640813

Ion Ratio Lower Upper

164 100

162 100.7 80.6 120.8

160 44.8 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 168.915 ng

RT: 15.945 min Scan# 2186

Delta R.T. -0.000 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

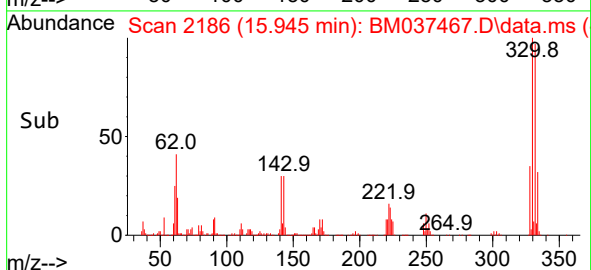
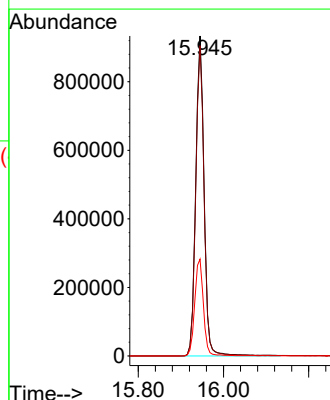
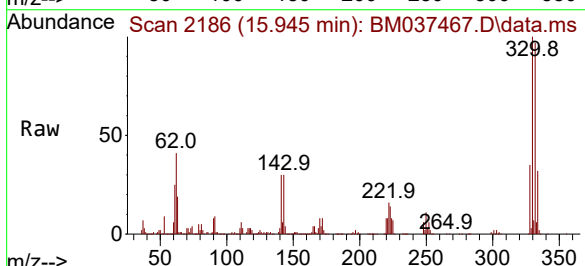
Tgt Ion:330 Resp: 1275606

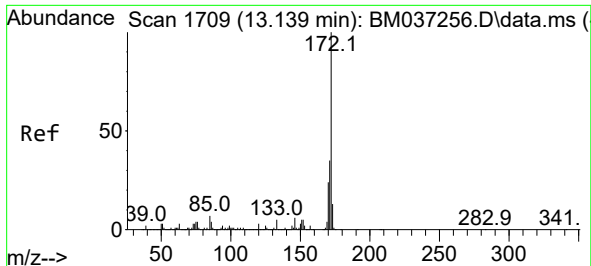
Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

141 31.5 27.5 41.3

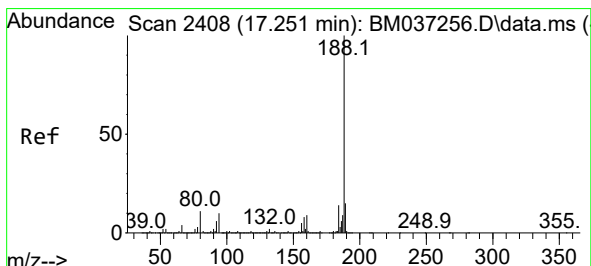
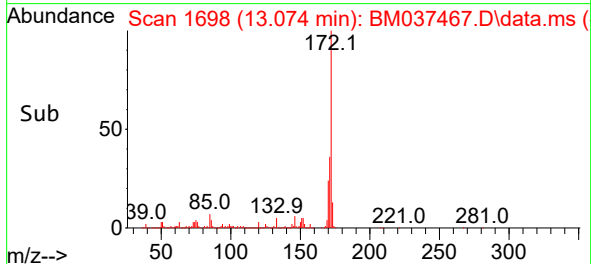
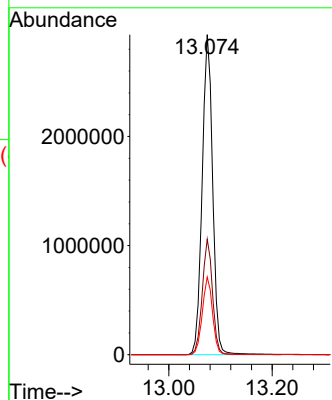
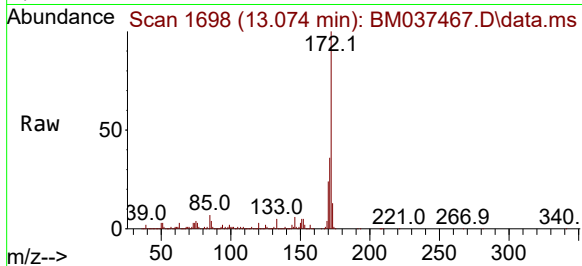




#45
2-Fluorobiphenyl
Concen: 85.827 ng
RT: 13.074 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

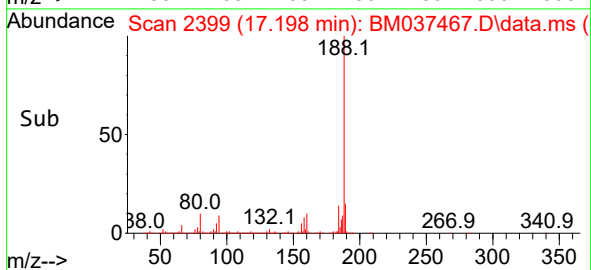
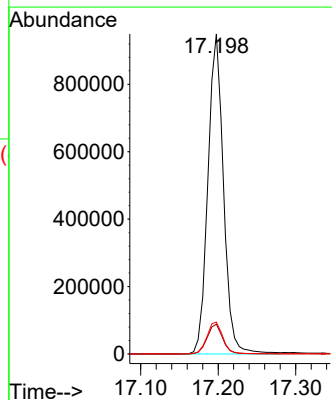
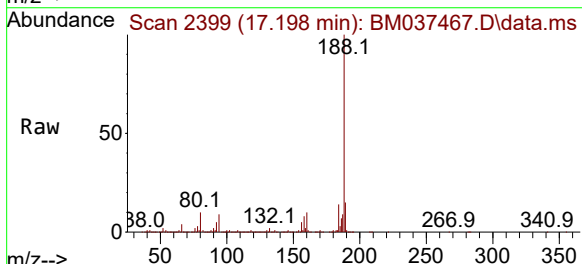
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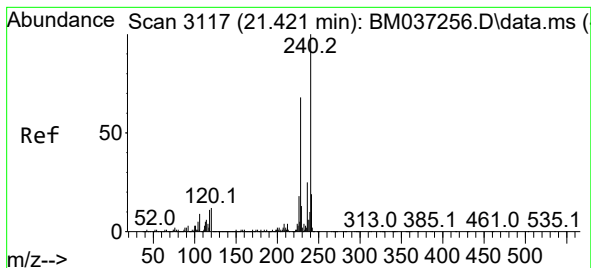
Tgt Ion:172 Resp: 4139322
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 24.2 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BM037467.D
Acq: 11 Nov 2022 15:03

Tgt Ion:188 Resp: 1326716
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.0 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: BM037467.D

Acq: 11 Nov 2022 15:03

Instrument :

BNA_M

ClientSampleId :

FB-01

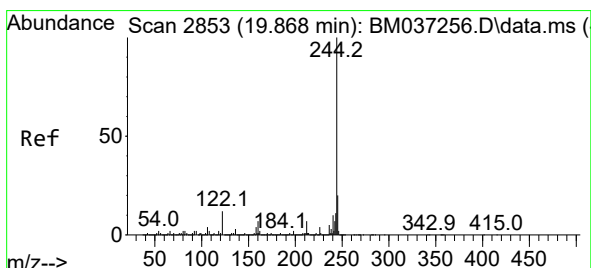
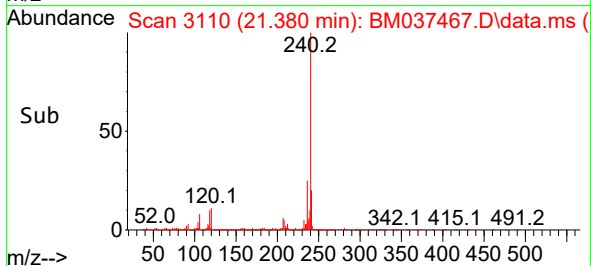
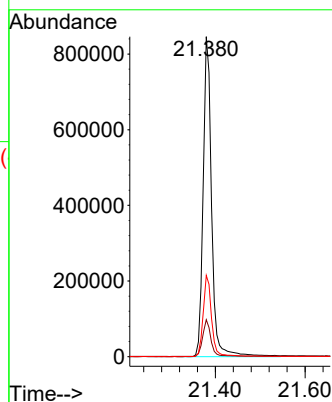
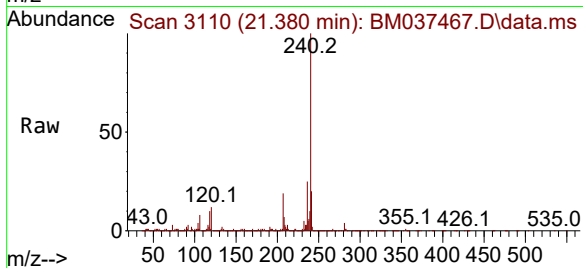
Tgt Ion:240 Resp: 1108673

Ion Ratio Lower Upper

240 100

120 11.5 9.9 14.9

236 25.4 20.3 30.5



#79

Terphenyl-d14

Concen: 76.333 ng

RT: 19.821 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BM037467.D

Acq: 11 Nov 2022 15:03

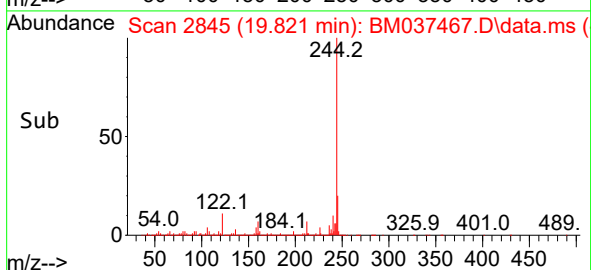
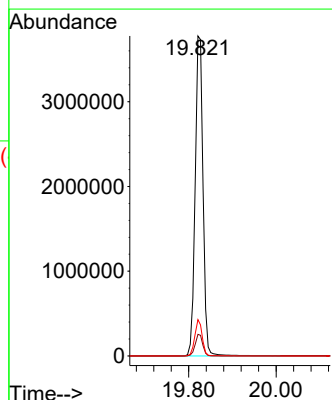
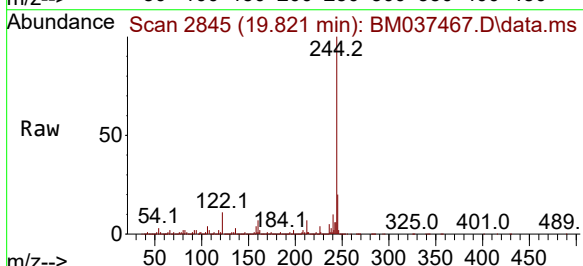
Tgt Ion:244 Resp: 4719216

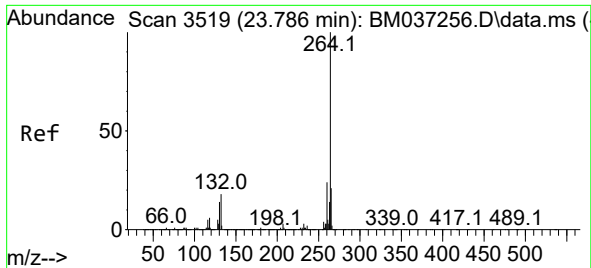
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.4 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: BM037467.D

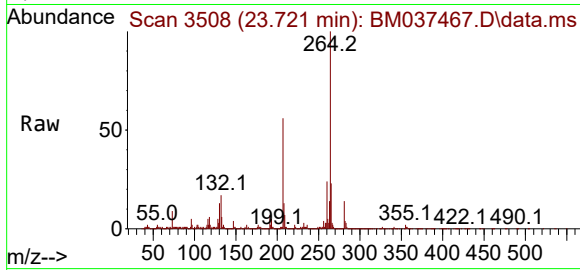
Acq: 11 Nov 2022 15:03

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Tgt Ion:264 Resp: 920689

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.8 17.7 26.5

