

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037462.D
 Acq On : 11 Nov 2022 11:50
 Operator : CG/JU
 Sample : N5502-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2182

Quant Time: Nov 11 22:55:03 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)

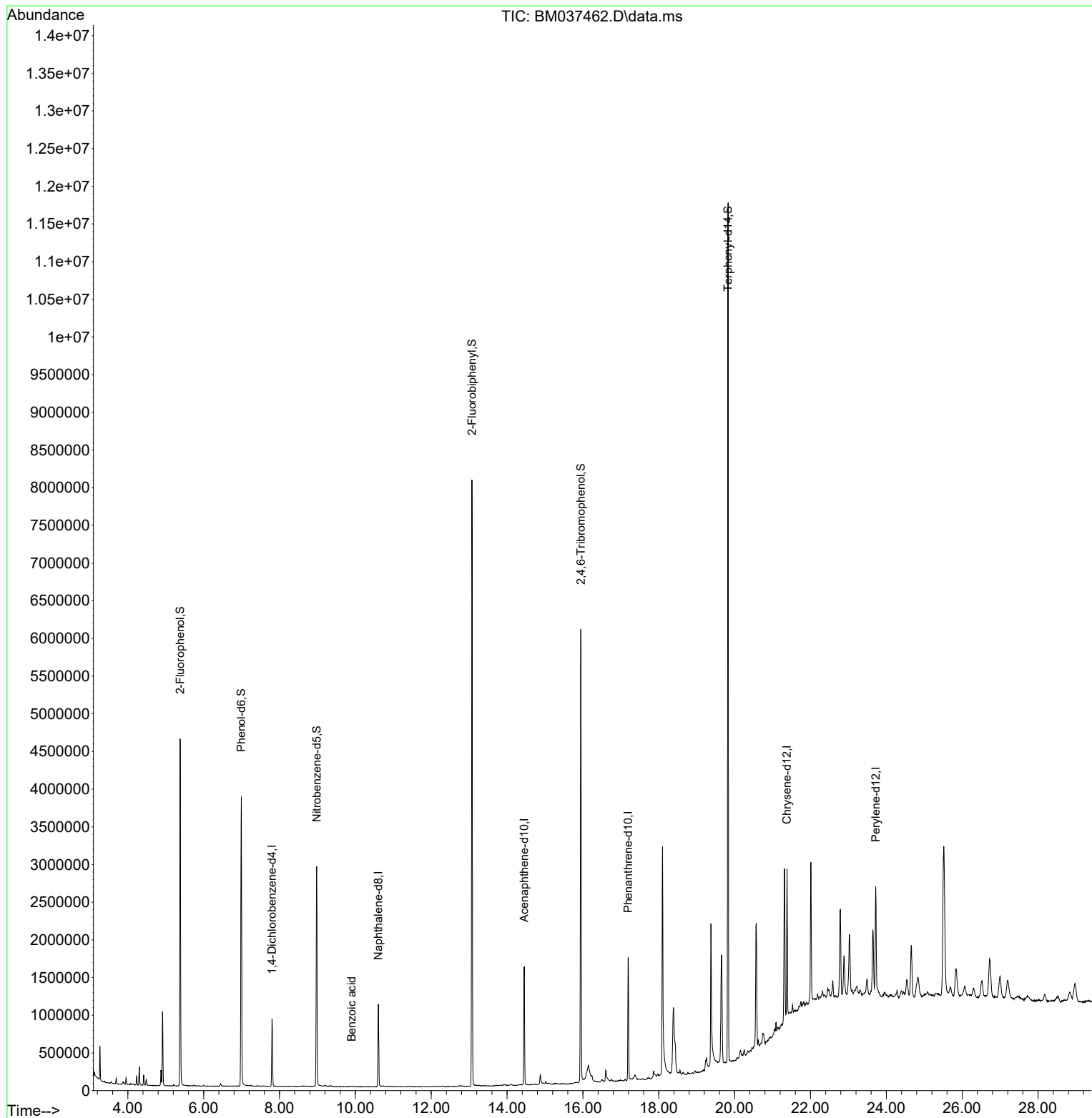
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	234520	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	901783	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	523122	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	985133	20.000	ng	0.00
76) Chrysene-d12	21.380	240	909753	20.000	ng	0.00
86) Perylene-d12	23.721	264	1020726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1915815	141.133	ng	0.00
7) Phenol-d6	6.993	99	2220274	120.512	ng	0.00
23) Nitrobenzene-d5	8.981	82	1667375	93.286	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1155543	187.441	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	3883886	98.648	ng	0.00
79) Terphenyl-d14	19.827	244	5442462	107.280	ng	0.00
Target Compounds						
32) Benzoic acid	9.898	122	1331	7.081	ng	Qvalue # 37

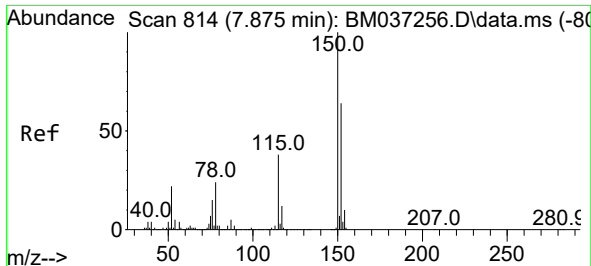
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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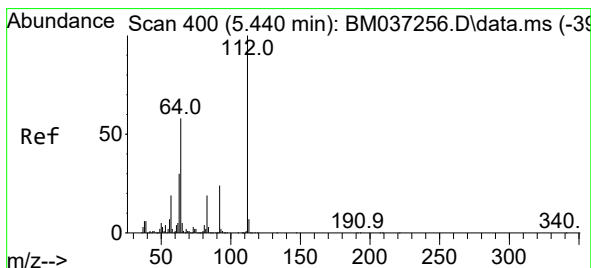
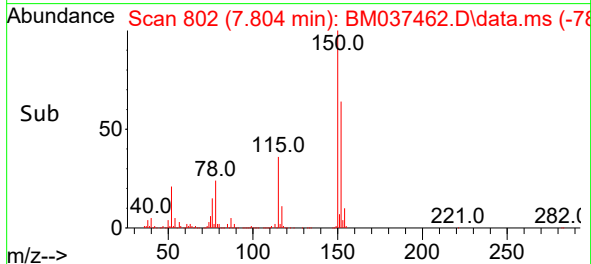
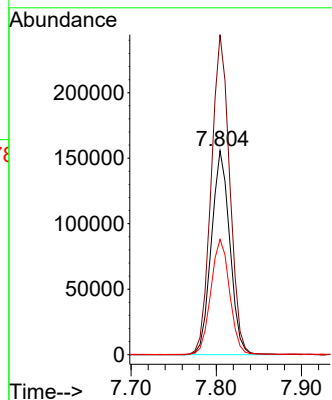
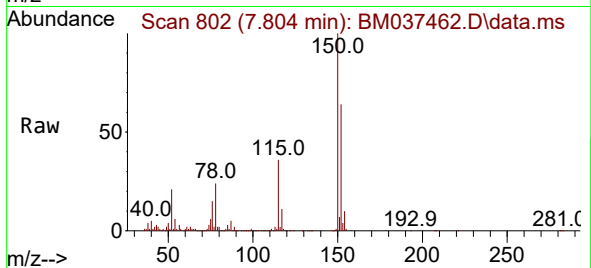




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

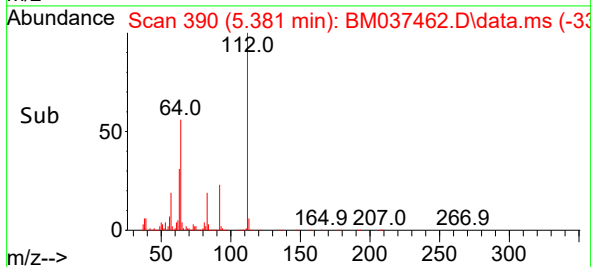
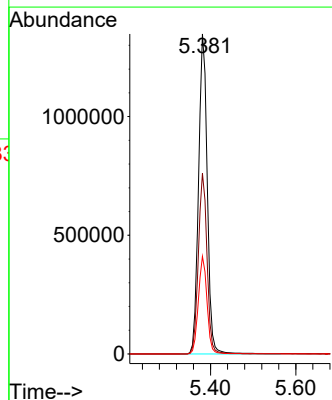
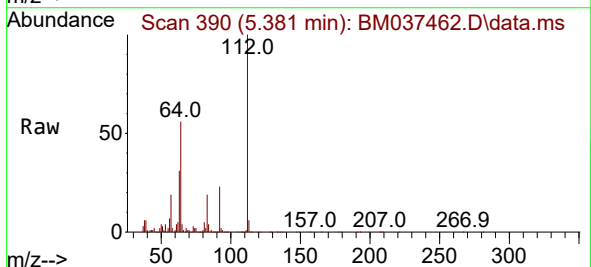
Instrument :
BNA_M
ClientSampleId :
2182

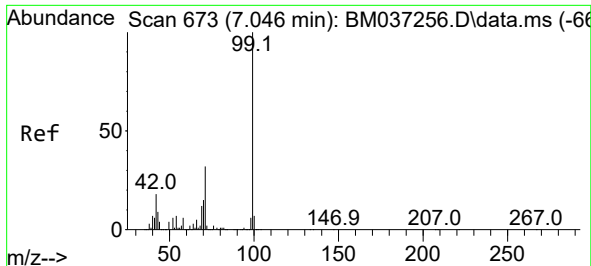
Tgt Ion:152 Resp: 234520
Ion Ratio Lower Upper
152 100
150 156.9 124.8 187.2
115 56.6 47.0 70.4



#5
2-Fluorophenol
Concen: 141.133 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:112 Resp: 1915815
Ion Ratio Lower Upper
112 100
64 56.5 46.8 70.2
63 30.5 24.4 36.6

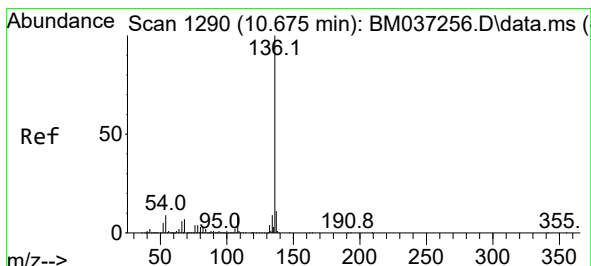
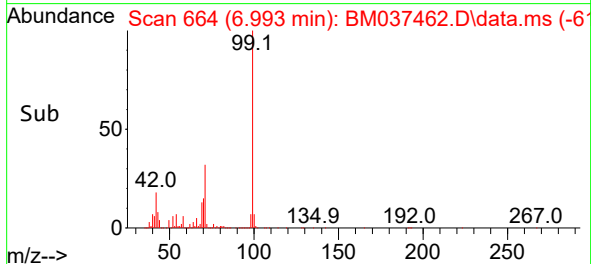
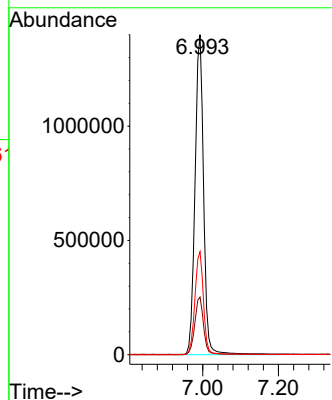
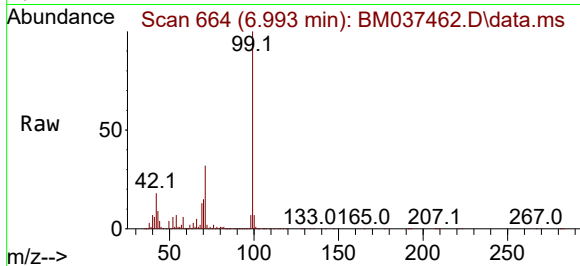




#7
Phenol-d6
Concen: 120.512 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

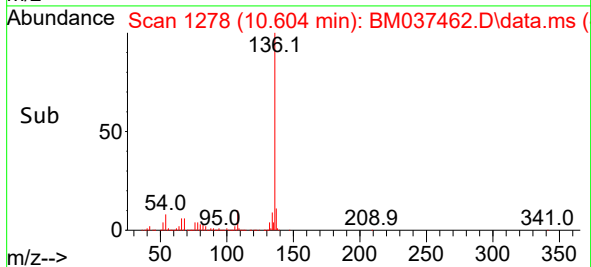
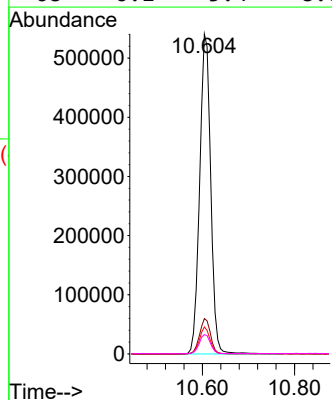
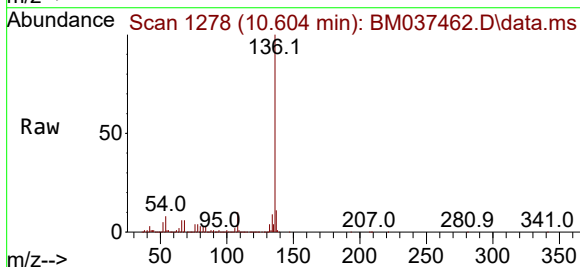
Instrument :
BNA_M
ClientSampleId :
2182

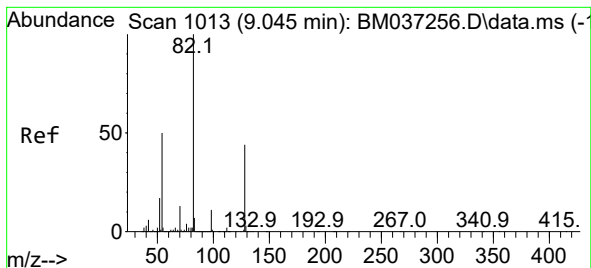
Tgt Ion: 99 Resp: 2220274
Ion Ratio Lower Upper
99 100
42 18.0 14.8 22.2
71 32.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion: 136 Resp: 901783
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.5 7.0 10.4
68 6.1 5.4 8.0

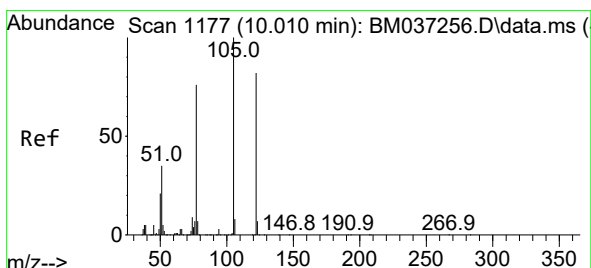
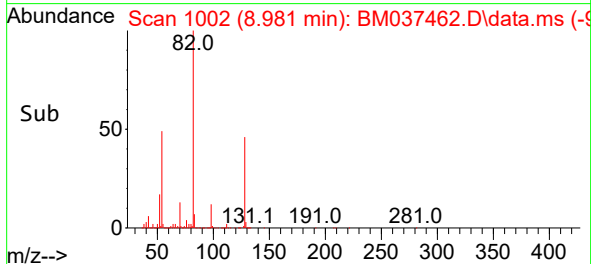
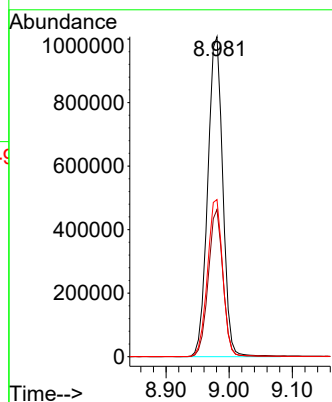
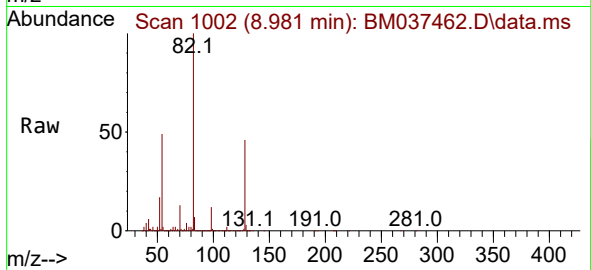




#23
Nitrobenzene-d5
Concen: 93.286 ng
RT: 8.981 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

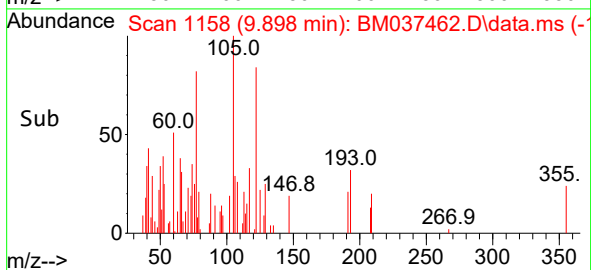
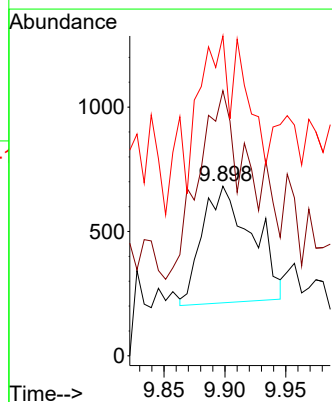
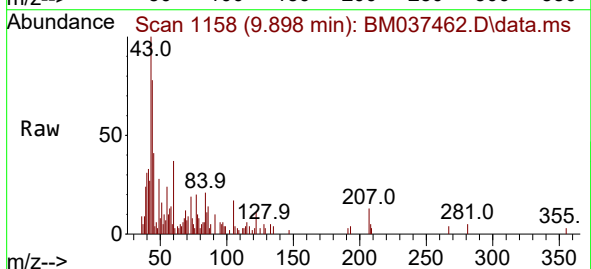
Instrument :
BNA_M
ClientSampleId :
2182

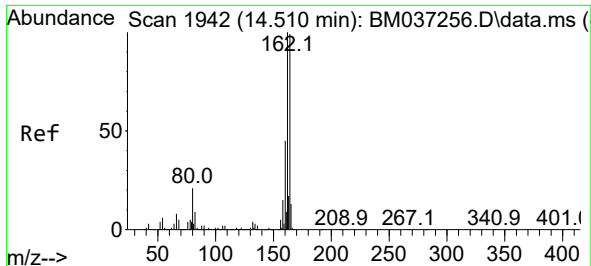
Tgt Ion: 82 Resp: 1667375
Ion Ratio Lower Upper
82 100
128 46.0 35.2 52.8
54 49.1 40.4 60.6



#32
Benzoic acid
Concen: 7.081 ng
RT: 9.898 min Scan# 1158
Delta R.T. -0.082 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion: 122 Resp: 1331
Ion Ratio Lower Upper
122 100
105 156.3 100.1 140.1#
77 188.6 71.7 111.7#

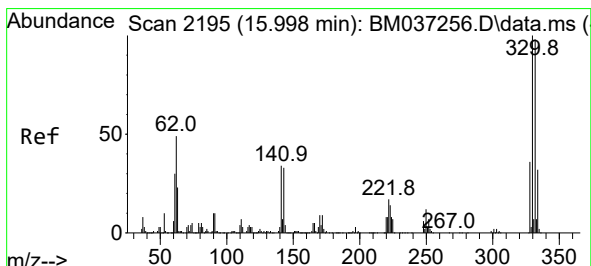
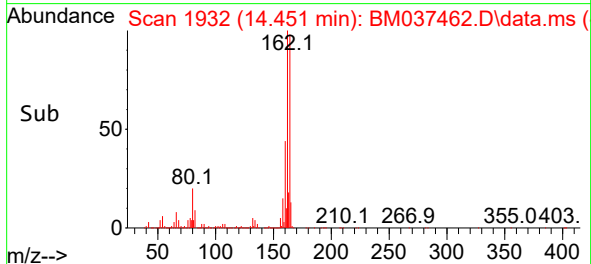
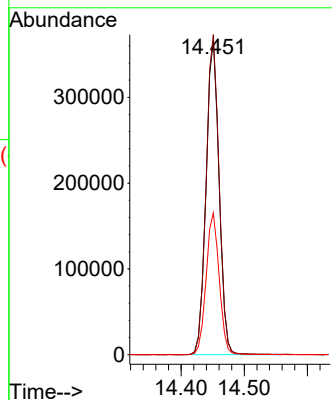
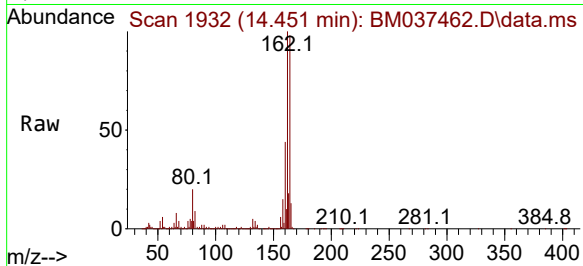




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

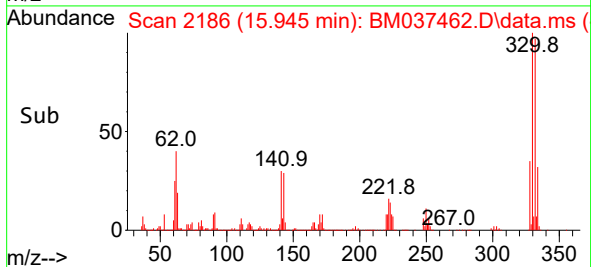
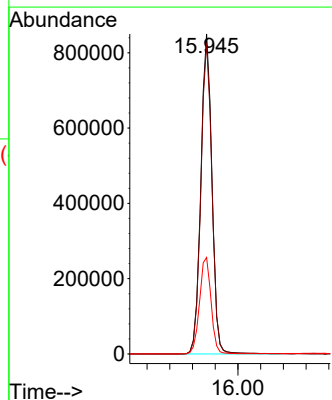
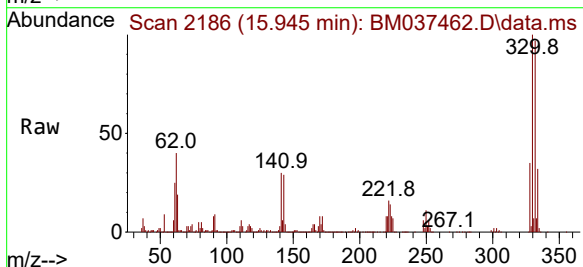
Instrument :
BNA_M
ClientSampleId :
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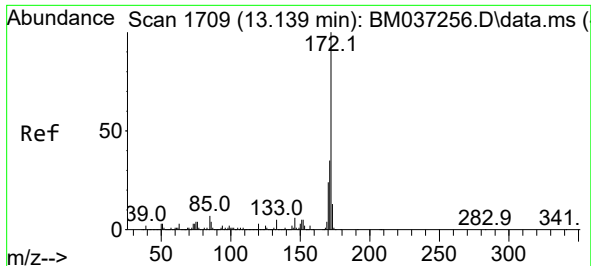
Tgt Ion:164 Resp: 523122
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 45.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 187.441 ng
RT: 15.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:330 Resp: 1155543
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 31.3 27.5 41.3

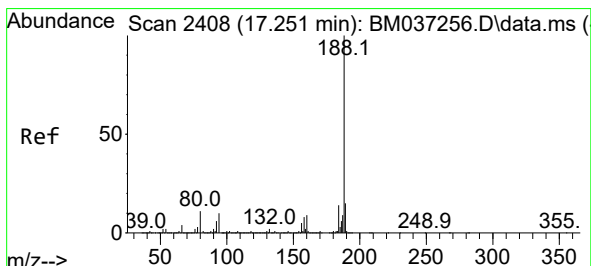
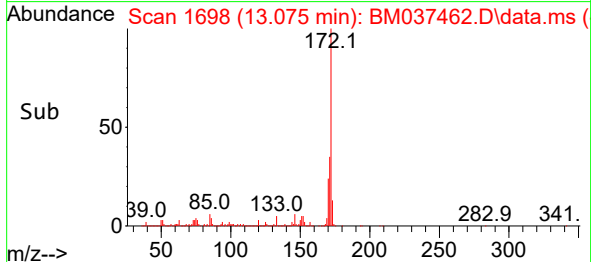
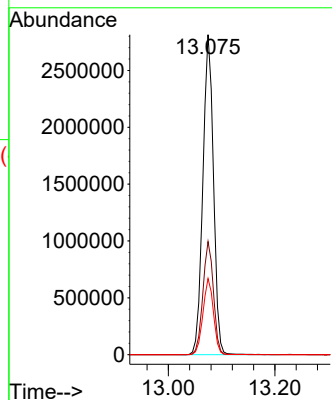
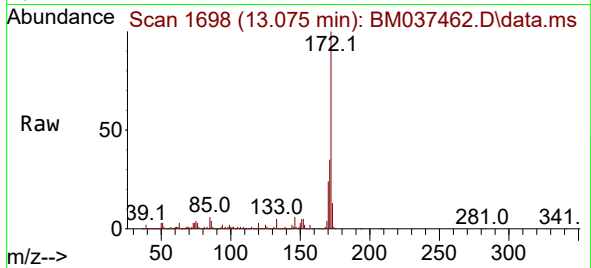




#45
2-Fluorobiphenyl
Concen: 98.648 ng
RT: 13.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

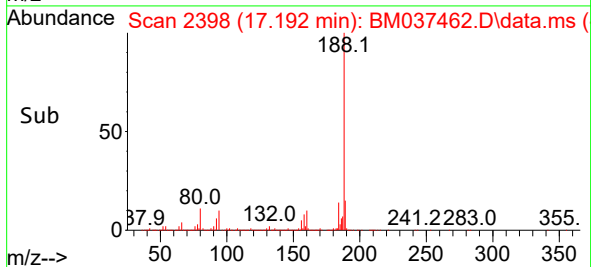
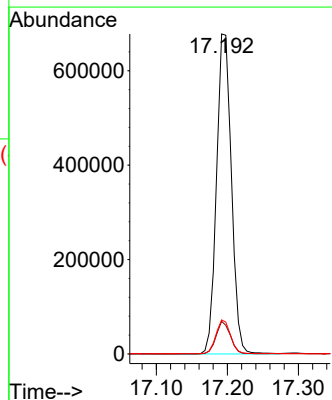
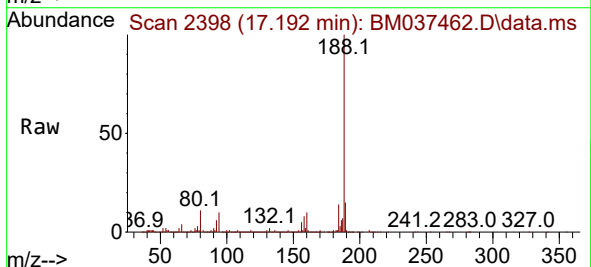
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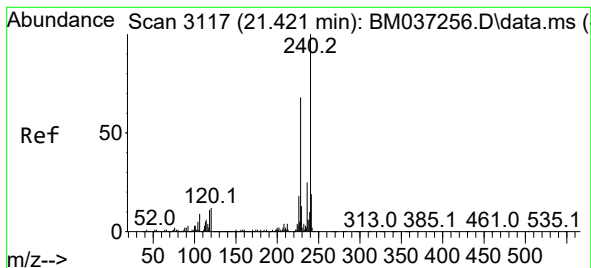
Tgt Ion:172 Resp: 3883886
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.8 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM037462.D
Acq: 11 Nov 2022 11:50

Tgt Ion:188 Resp: 985133
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 10.6 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: BM037462.D

Acq: 11 Nov 2022 11:50

Instrument :

BNA_M

ClientSampleId :

2182

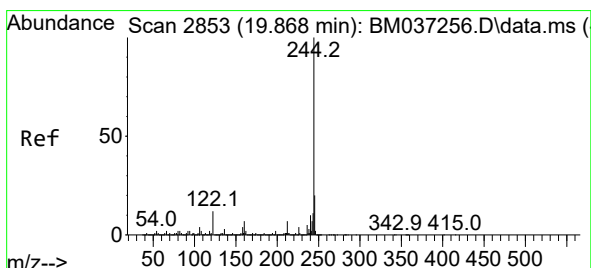
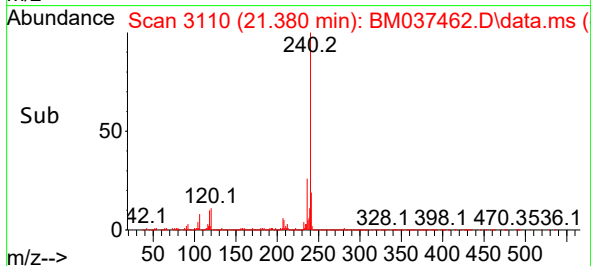
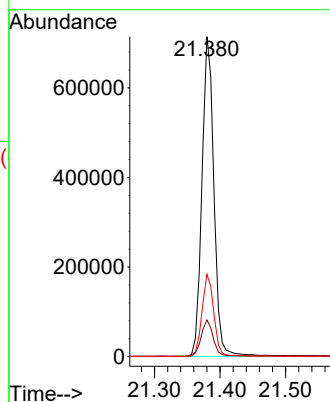
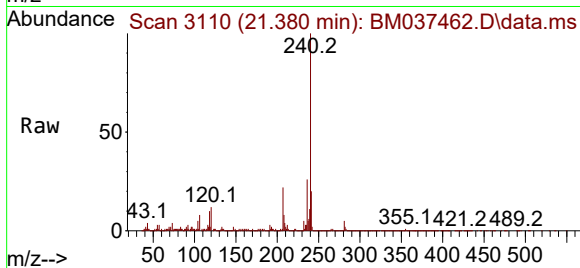
Tgt Ion:240 Resp: 909753

Ion Ratio Lower Upper

240 100

120 11.5 9.9 14.9

236 25.7 20.3 30.5



#79

Terphenyl-d14

Concen: 107.280 ng

RT: 19.827 min Scan# 2846

Delta R.T. 0.000 min

Lab File: BM037462.D

Acq: 11 Nov 2022 11:50

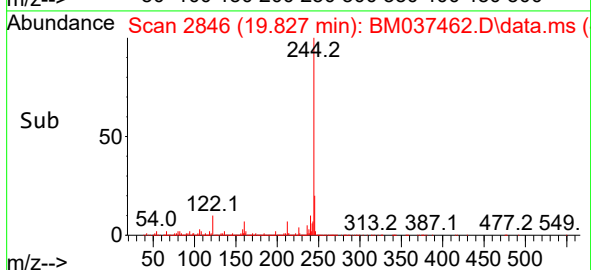
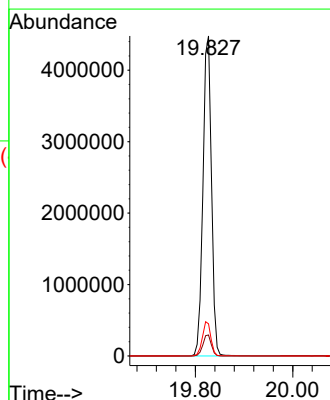
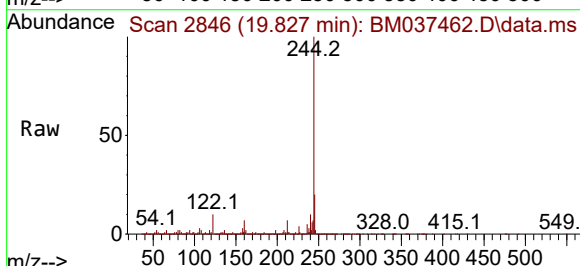
Tgt Ion:244 Resp: 5442462

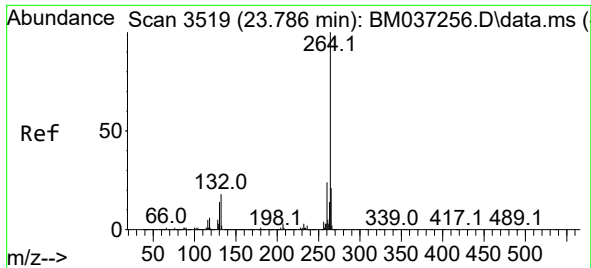
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.1 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: BM037462.D

Acq: 11 Nov 2022 11:50

Instrument :

BNA_M

ClientSampleId :

2182

Tgt Ion:264 Resp: 1020726

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.6 17.7 26.5

