

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037464.D
 Acq On : 11 Nov 2022 13:16
 Operator : CG/JU
 Sample : N5506-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8

Quant Time: Nov 11 22:55:27 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)

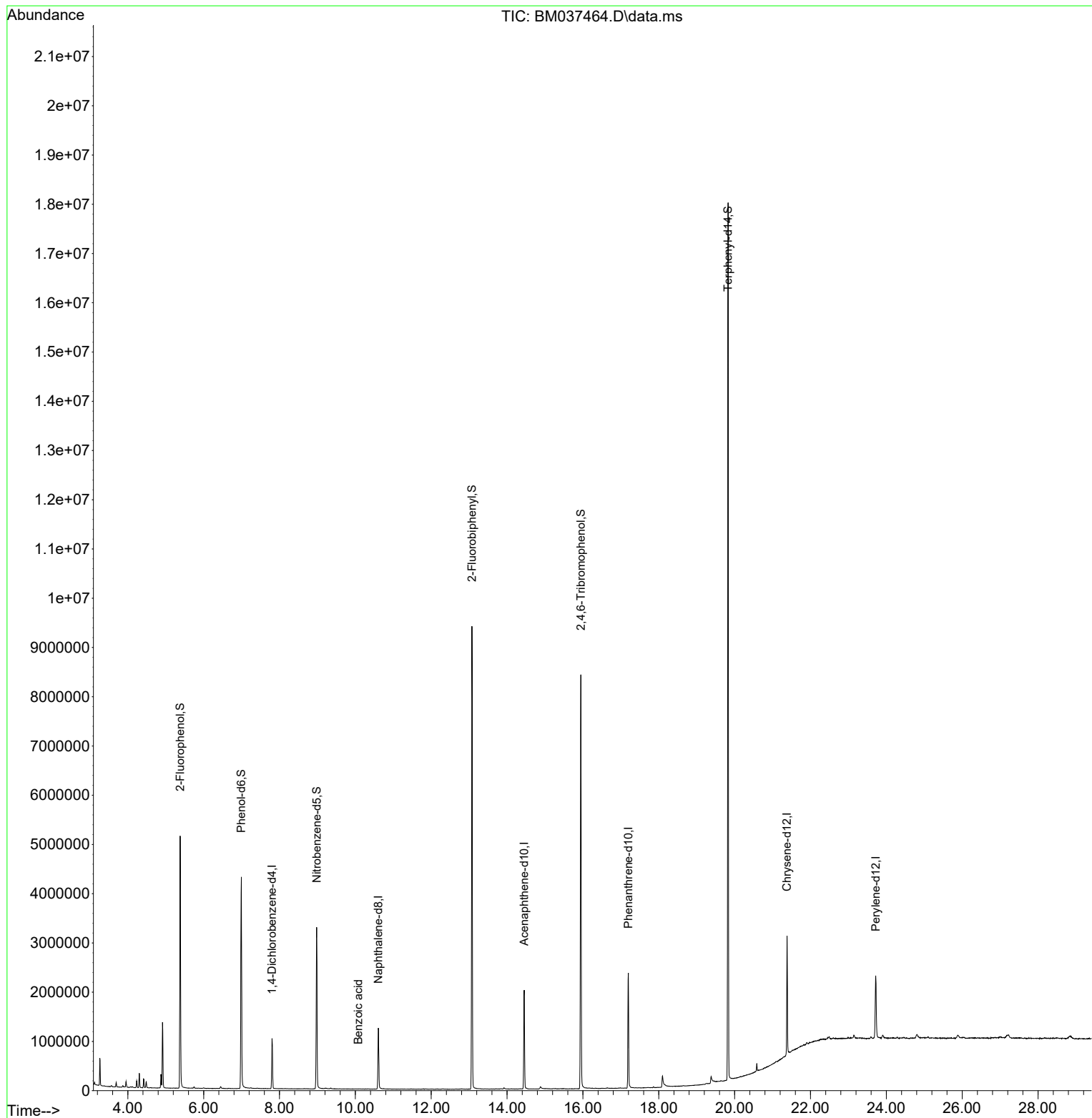
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	273192	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1067371	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	672148	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1408715	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1208549	20.000	ng	0.00
86) Perylene-d12	23.721	264	986419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2161624	136.699	ng	0.00
7) Phenol-d6	6.993	99	2545466	118.605	ng	0.00
23) Nitrobenzene-d5	8.981	82	1893110	89.484	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1606102	202.764	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	4610969	91.149	ng	0.00
79) Terphenyl-d14	19.827	244	8072230	119.778	ng	0.00
Target Compounds						
32) Benzoic acid	10.075	122	55	6.981	ng	Qvalue # 1

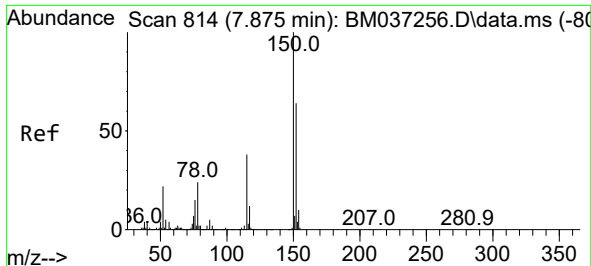
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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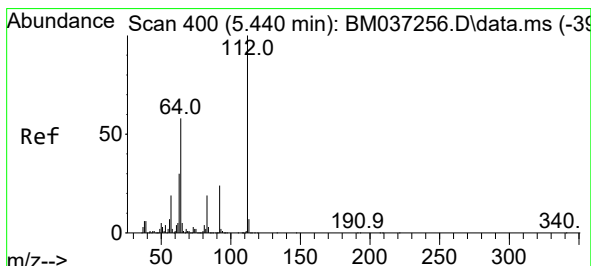
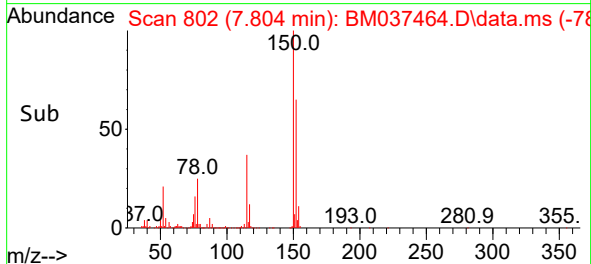
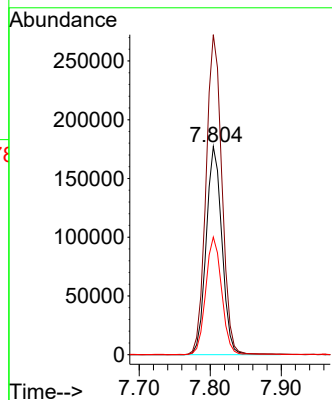
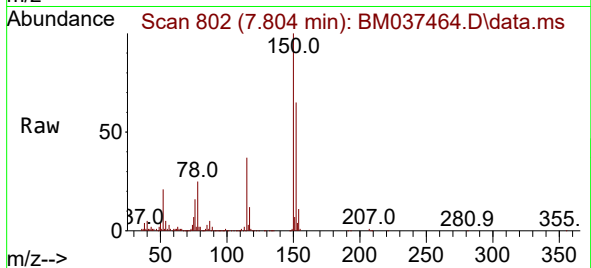




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

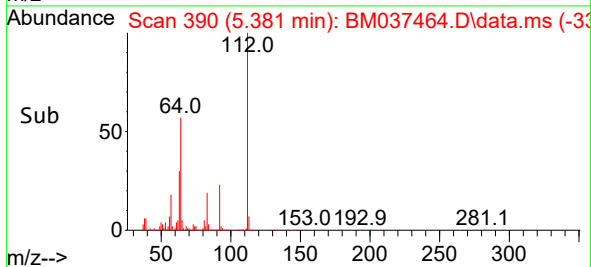
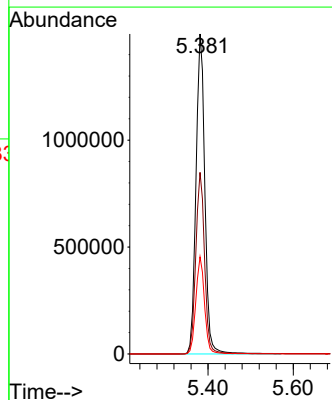
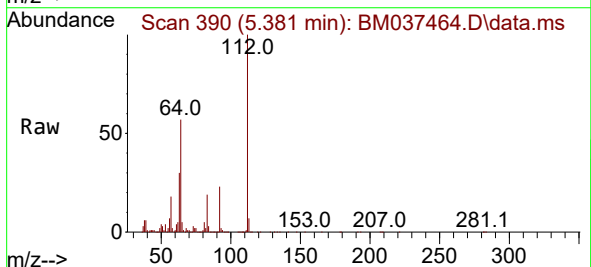
Instrument :
BNA_M
ClientSampleId :
TP-8

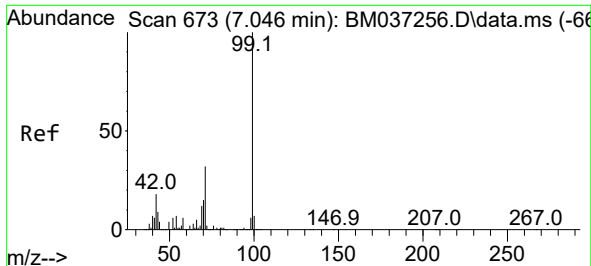
Tgt Ion:152 Resp: 273192
Ion Ratio Lower Upper
152 100
150 153.8 124.8 187.2
115 56.5 47.0 70.4



#5
2-Fluorophenol
Concen: 136.699 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.006 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:112 Resp: 2161624
Ion Ratio Lower Upper
112 100
64 56.8 46.8 70.2
63 30.3 24.4 36.6

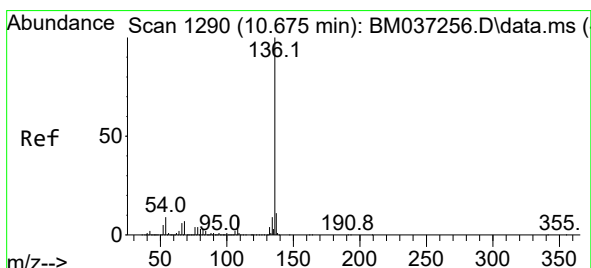
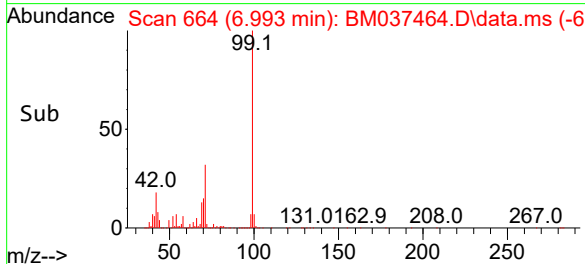
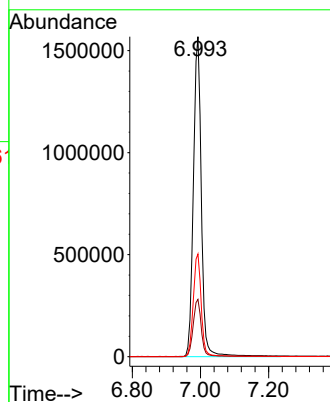
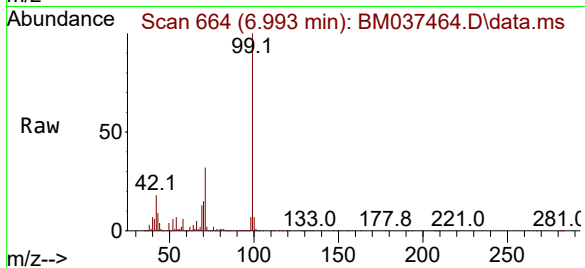




#7
Phenol-d6
Concen: 118.605 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

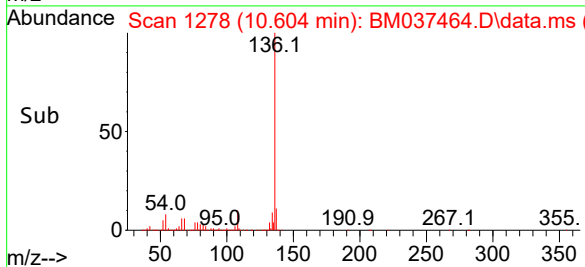
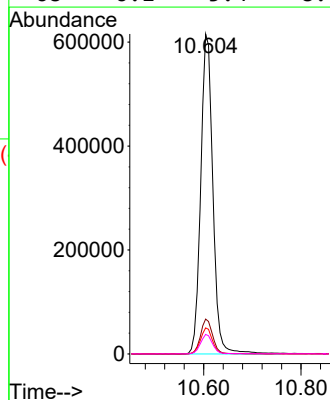
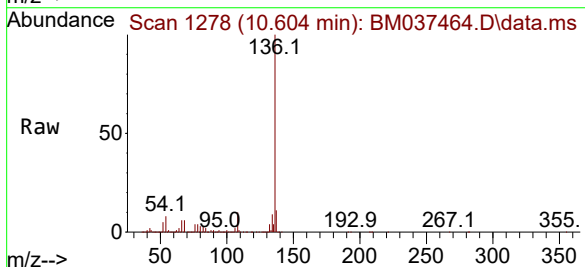
Instrument :
BNA_M
ClientSampleId :
TP-8

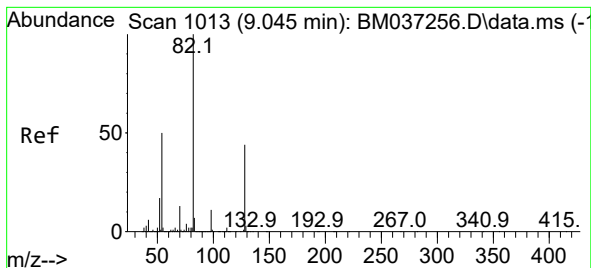
Tgt Ion: 99 Resp: 2545466
Ion Ratio Lower Upper
99 100
42 17.9 14.8 22.2
71 32.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion: 136 Resp: 1067371
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

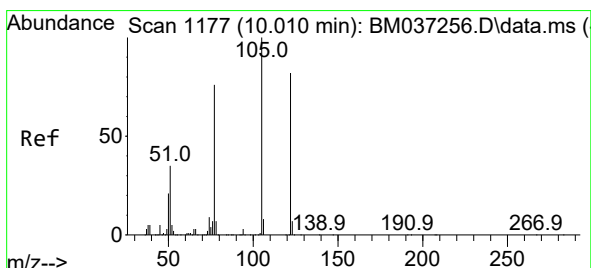
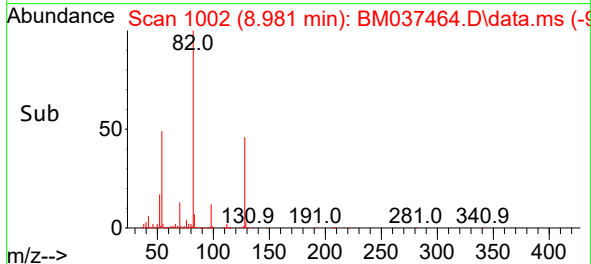
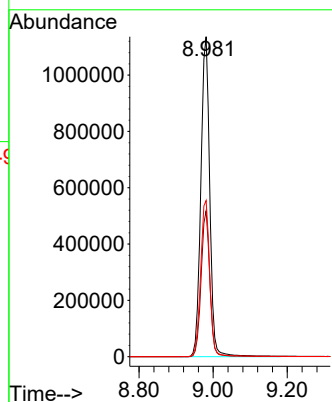
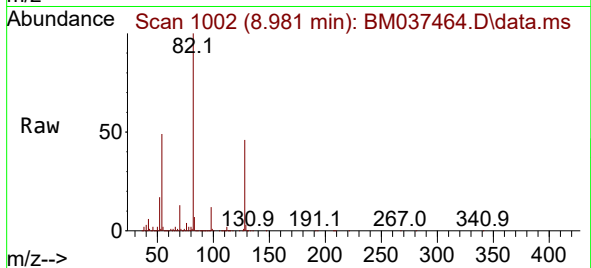




#23
Nitrobenzene-d5
Concen: 89.484 ng
RT: 8.981 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

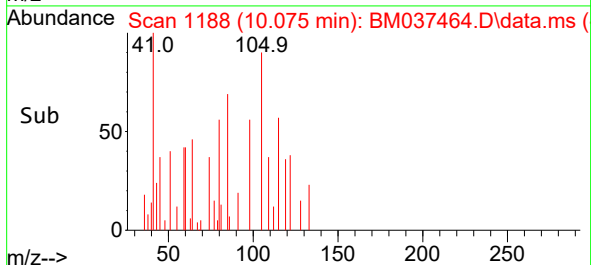
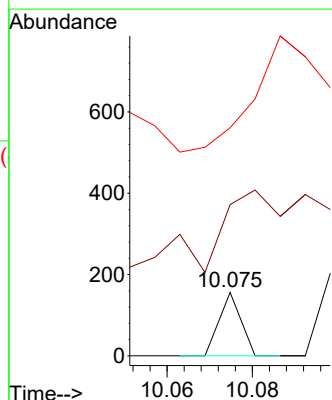
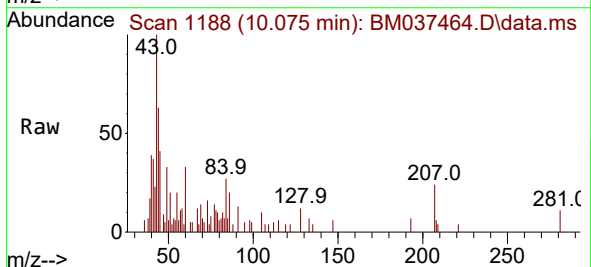
Instrument :
BNA_M
ClientSampleId :
TP-8

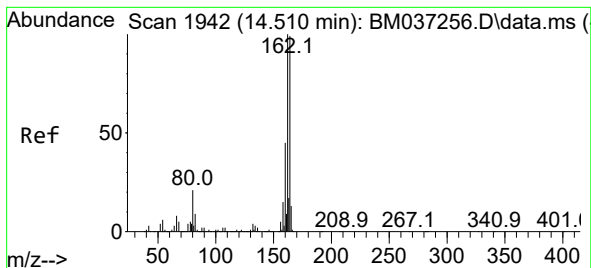
Tgt Ion: 82 Resp: 1893110
Ion Ratio Lower Upper
82 100
128 45.6 35.2 52.8
54 48.8 40.4 60.6



#32
Benzoic acid
Concen: 6.981 ng
RT: 10.075 min Scan# 1188
Delta R.T. 0.094 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 238.5 100.1 140.1#
77 359.6 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: BM037464.D

Acq: 11 Nov 2022 13:16

Instrument :

BNA_M

ClientSampleId :

TP-8

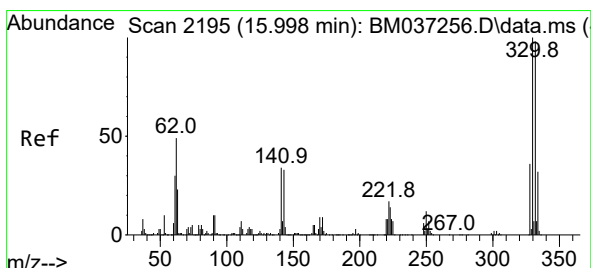
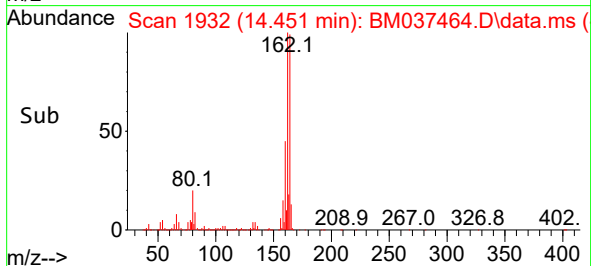
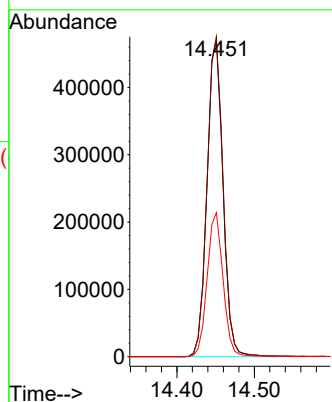
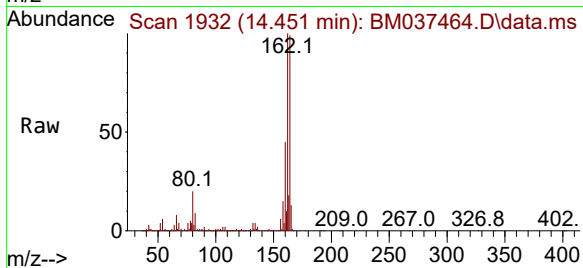
Tgt Ion:164 Resp: 672148

Ion Ratio Lower Upper

164 100

162 101.3 80.6 120.8

160 45.6 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 202.764 ng

RT: 15.945 min Scan# 2186

Delta R.T. 0.000 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

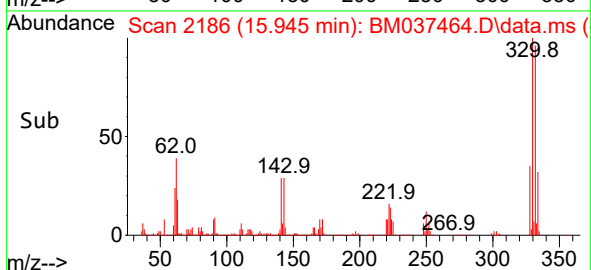
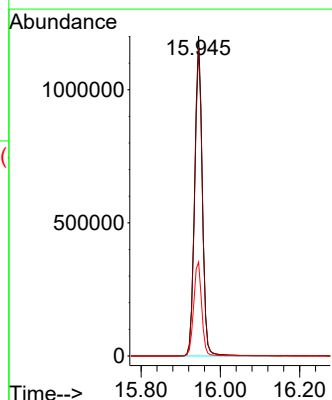
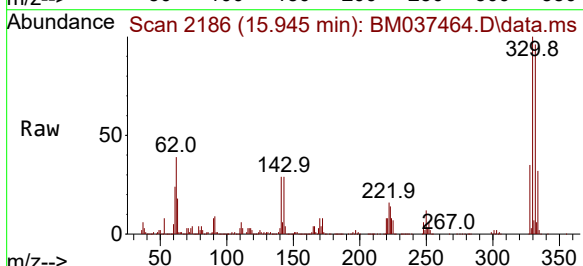
Tgt Ion:330 Resp: 1606102

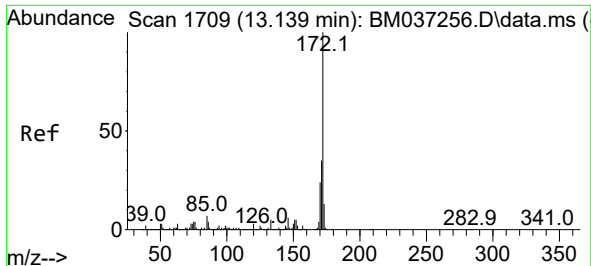
Ion Ratio Lower Upper

330 100

332 96.7 78.0 117.0

141 31.0 27.5 41.3

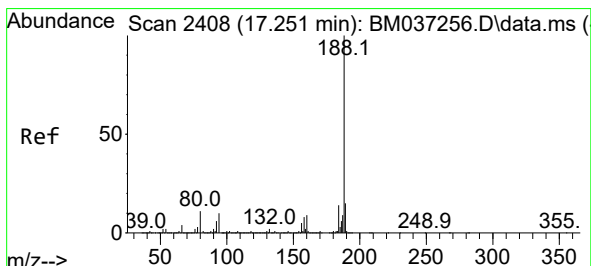
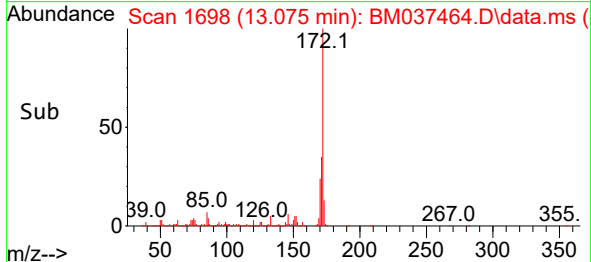
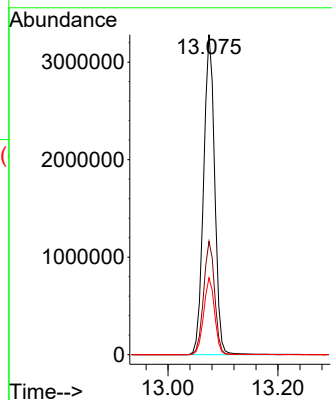
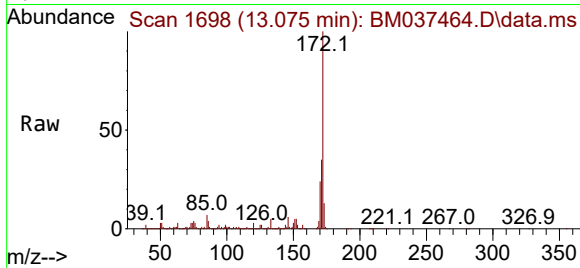




#45
2-Fluorobiphenyl
Concen: 91.149 ng
RT: 13.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

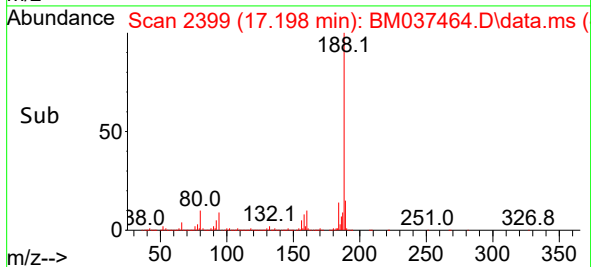
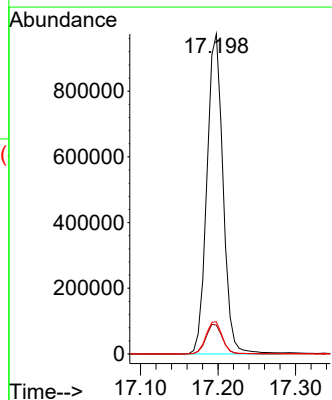
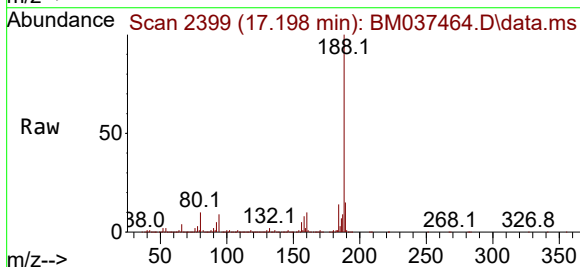
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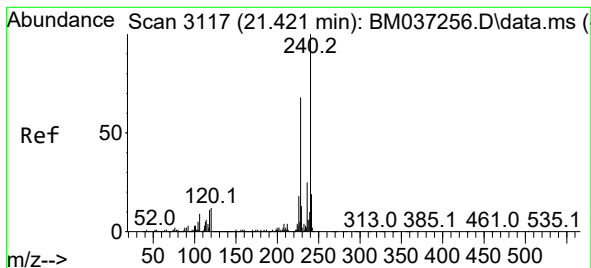
Tgt Ion:172 Resp: 4610969
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.0 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:188 Resp: 1408715
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.1 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: BM037464.D

Acq: 11 Nov 2022 13:16

Instrument :

BNA_M

ClientSampleId :

TP-8

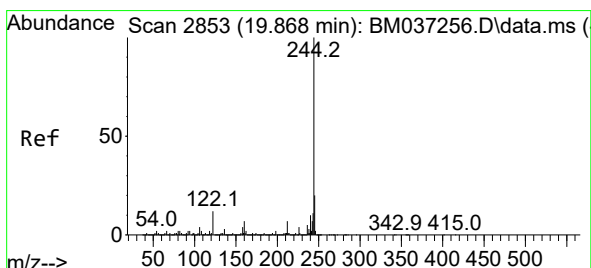
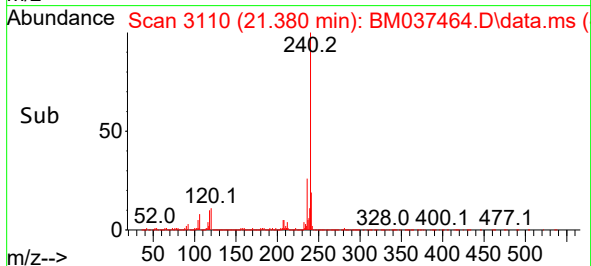
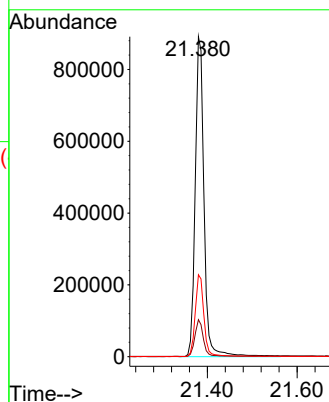
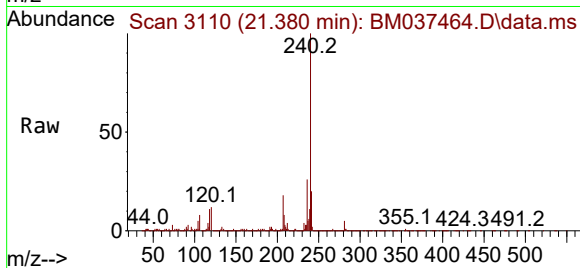
Tgt Ion:240 Resp: 1208549

Ion Ratio Lower Upper

240 100

120 11.5 9.9 14.9

236 25.6 20.3 30.5



#79

Terphenyl-d14

Concen: 119.778 ng

RT: 19.827 min Scan# 2846

Delta R.T. 0.000 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

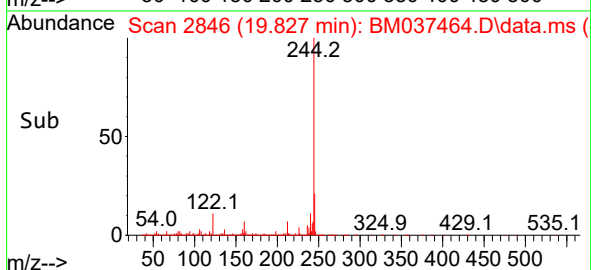
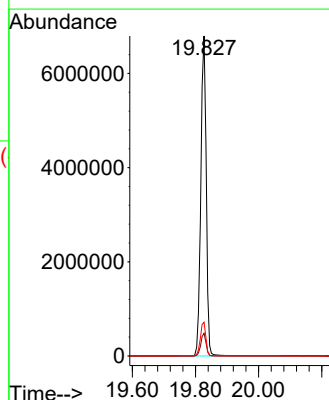
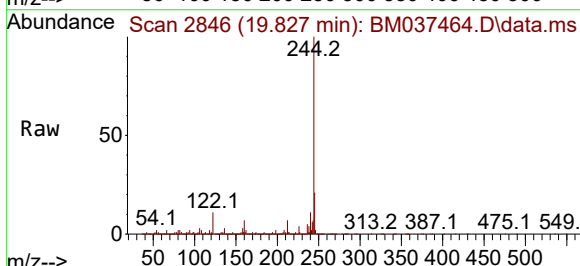
Tgt Ion:244 Resp: 8072230

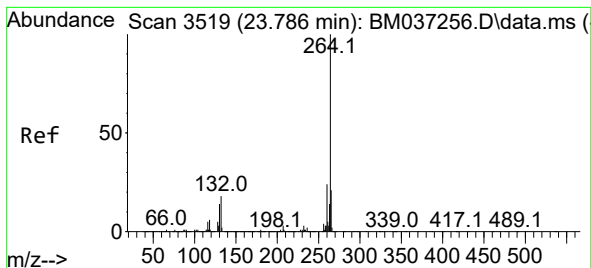
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 10.6 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: BM037464.D

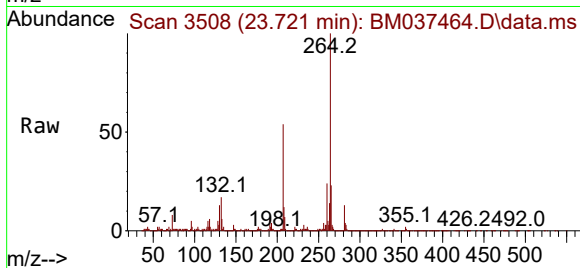
Acq: 11 Nov 2022 13:16

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Tgt Ion:264 Resp: 986419

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.9 17.7 26.5

