

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102822\
 Data File : BM037262.D
 Acq On : 28 Oct 2022 19:35
 Operator : CG/JU
 Sample : PB148514BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB148514BL

Quant Time: Oct 31 01:52:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 31 01:34:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	407957	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1607367	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	891919	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1613192	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1074433	20.000	ng	0.00
86) Perylene-d12	23.780	264	917882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	3545938	150.165	ng	0.00
7) Phenol-d6	7.052	99	4559641	142.272	ng	0.00
23) Nitrobenzene-d5	9.046	82	2649655	83.168	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1389789	132.223	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	5788298	86.228	ng	0.00
79) Terphenyl-d14	19.868	244	6486675	108.265	ng	0.00

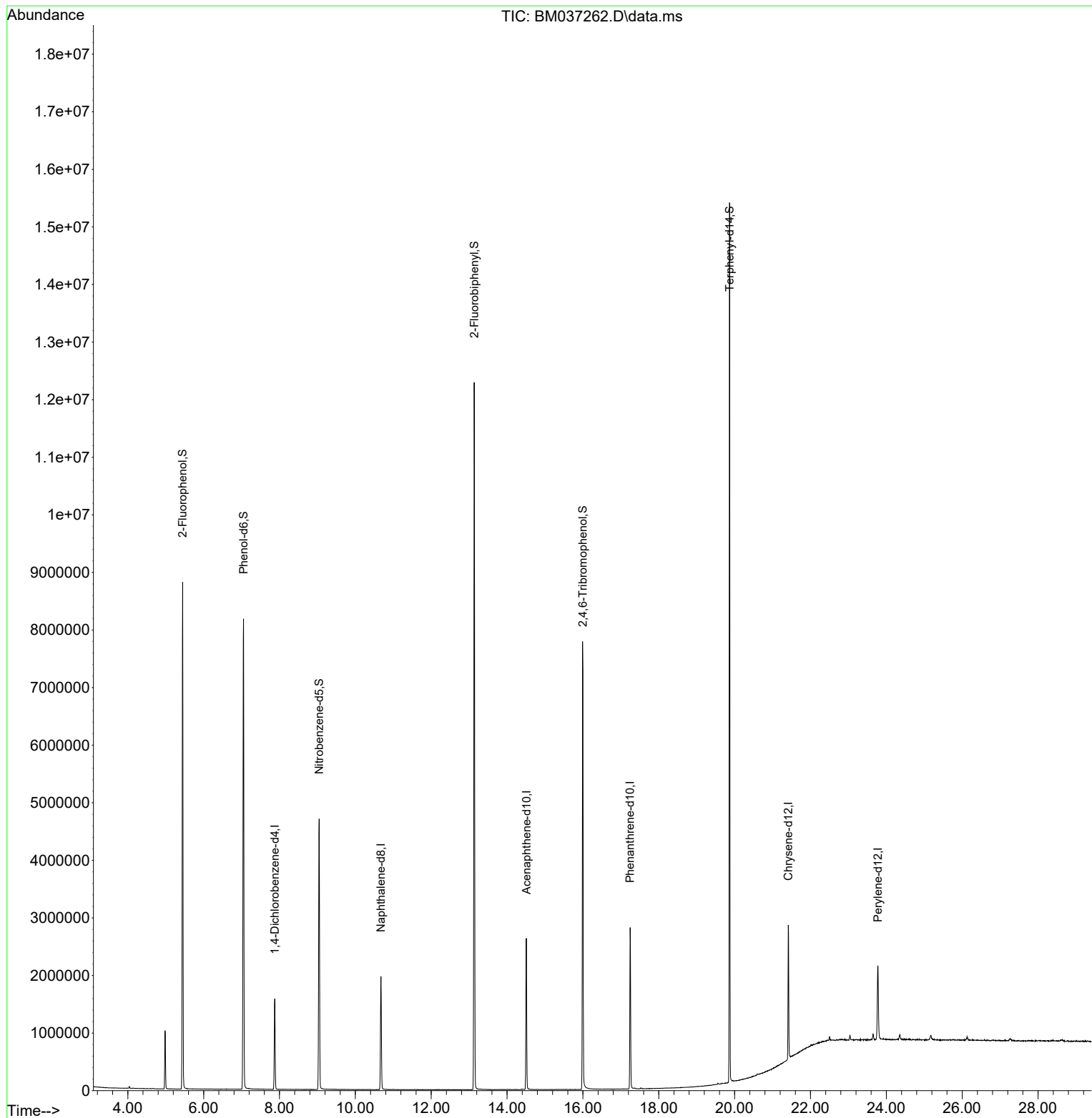
Target Compounds	Qvalue

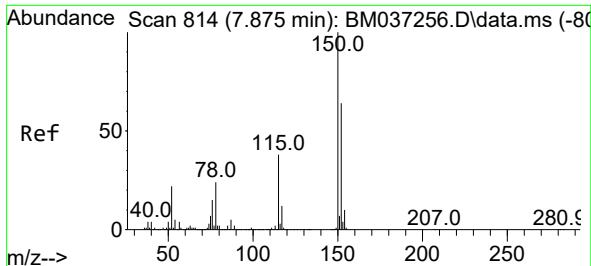
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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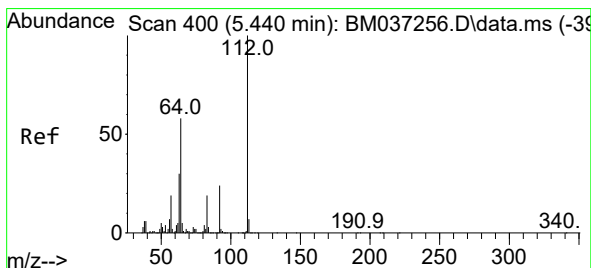
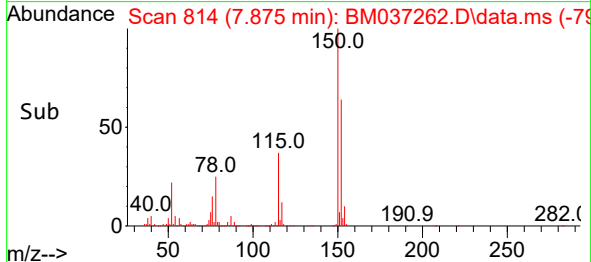
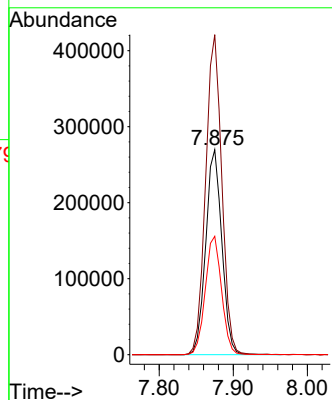
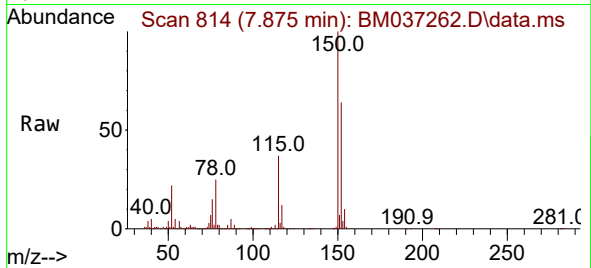




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BM037262.D
Acq: 28 Oct 2022 19:35

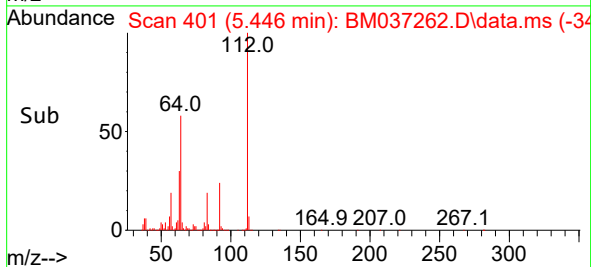
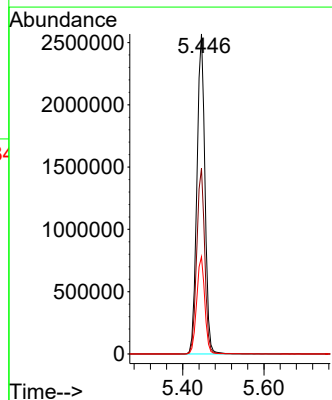
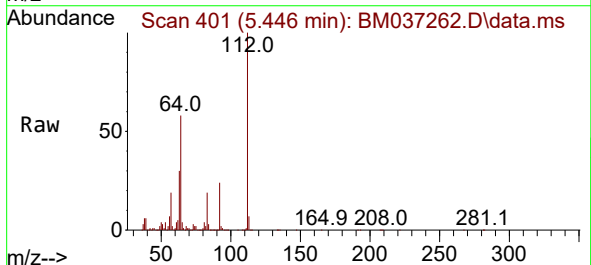
Instrument :
BNA_M
ClientSampleId :
PB148514BL

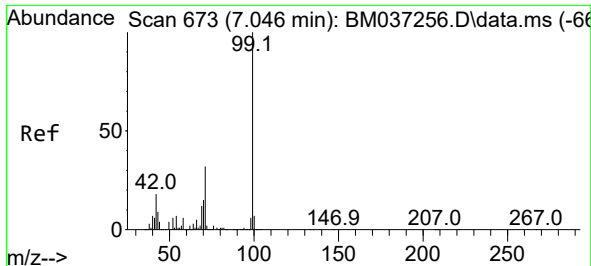
Tgt Ion:152 Resp: 407957
Ion Ratio Lower Upper
152 100
150 156.1 124.8 187.2
115 57.8 47.0 70.4



#5
2-Fluorophenol
Concen: 150.165 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.006 min
Lab File: BM037262.D
Acq: 28 Oct 2022 19:35

Tgt Ion:112 Resp: 3545938
Ion Ratio Lower Upper
112 100
64 58.0 46.8 70.2
63 30.4 24.4 36.6

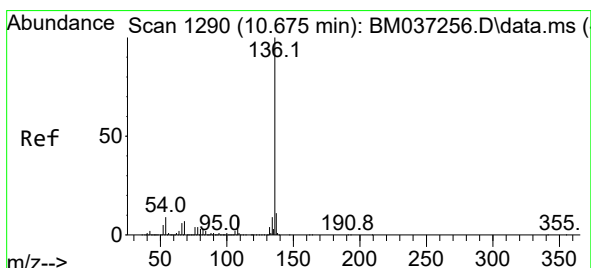
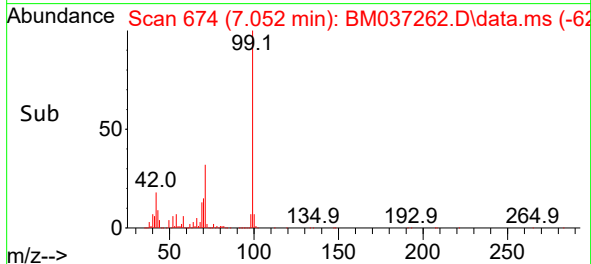
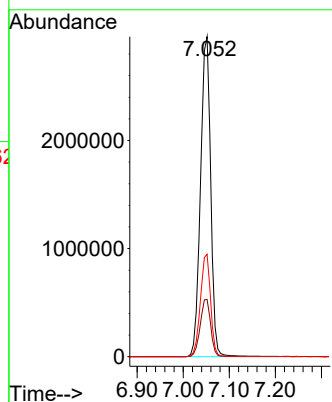
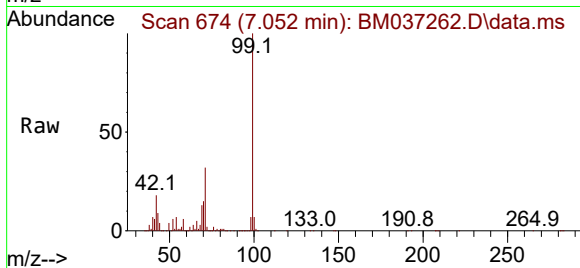




#7
Phenol-d6
Concen: 142.272 ng
RT: 7.052 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM037262.D
Acq: 28 Oct 2022 19:35

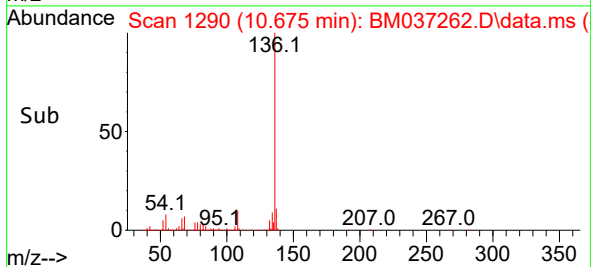
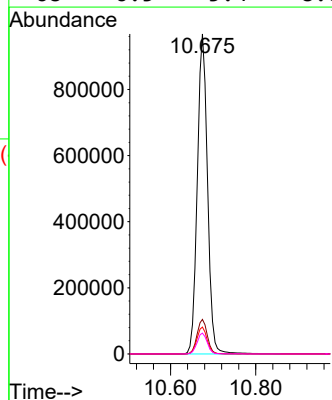
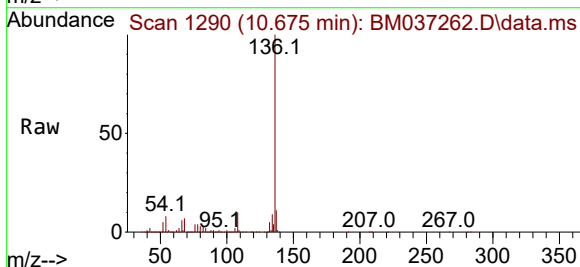
Instrument :
BNA_M
ClientSampleId :
PB148514BL

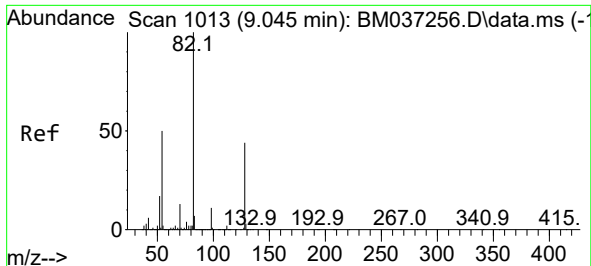
Tgt Ion: 99 Resp: 4559641
Ion Ratio Lower Upper
99 100
42 17.9 14.8 22.2
71 32.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM037262.D
Acq: 28 Oct 2022 19:35

Tgt Ion:136 Resp: 1607367
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.4 7.0 10.4
68 6.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 83.168 ng

RT: 9.046 min Scan# 1013

Delta R.T. 0.001 min

Lab File: BM037262.D

Acq: 28 Oct 2022 19:35

Instrument :

BNA_M

ClientSampleId :

PB148514BL

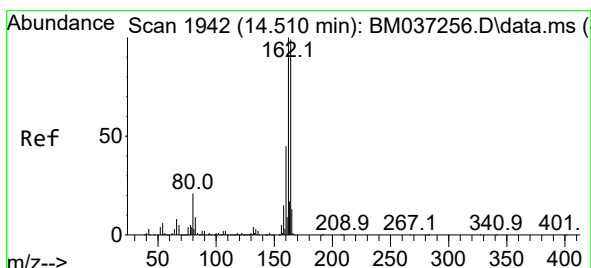
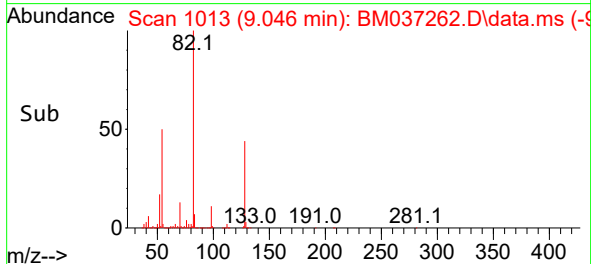
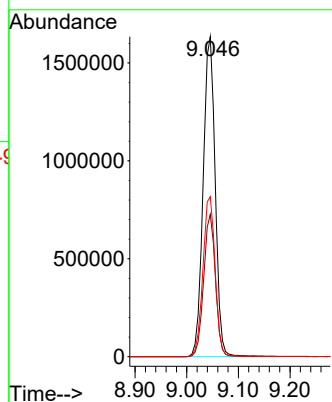
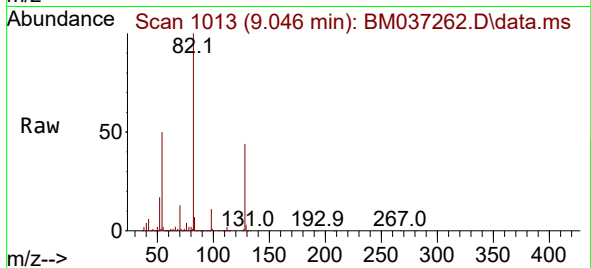
Tgt Ion: 82 Resp: 2649655

Ion Ratio Lower Upper

82 100

128 44.5 35.2 52.8

54 50.0 40.4 60.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.510 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM037262.D

Acq: 28 Oct 2022 19:35

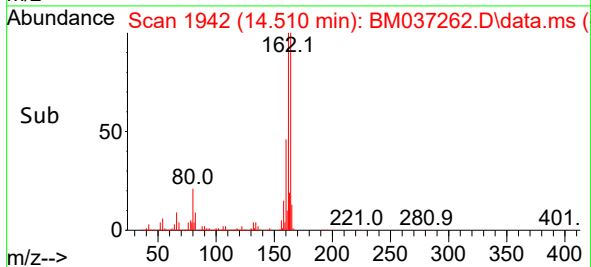
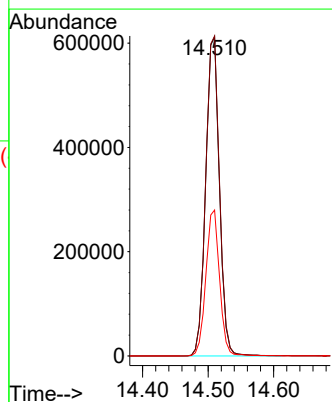
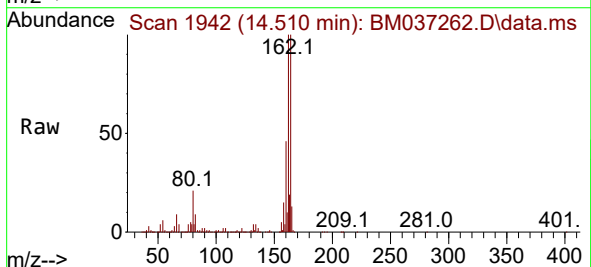
Tgt Ion: 164 Resp: 891919

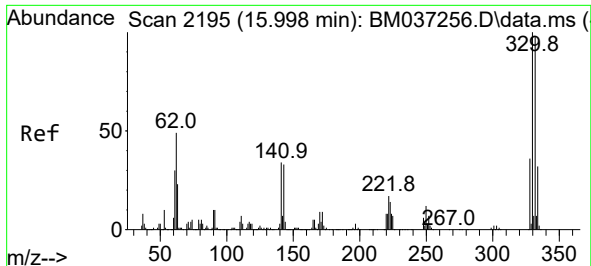
Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

160 45.7 36.2 54.4

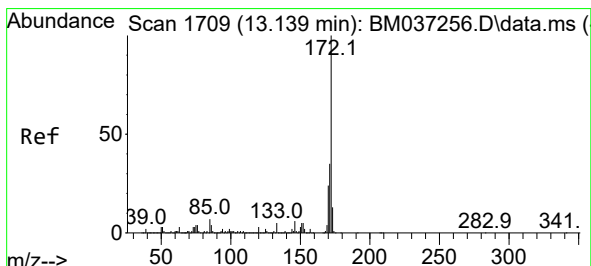
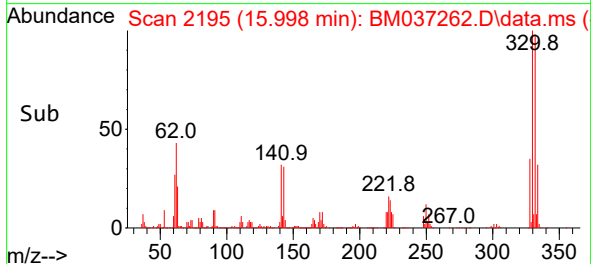
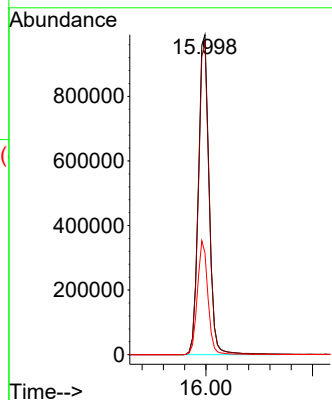
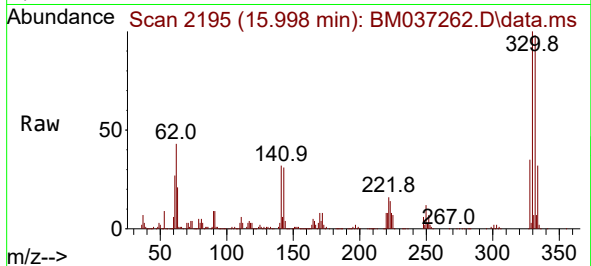




#42
2,4,6-Tribromophenol
Concen: 132.223 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM037262.D
Acq: 28 Oct 2022 19:35

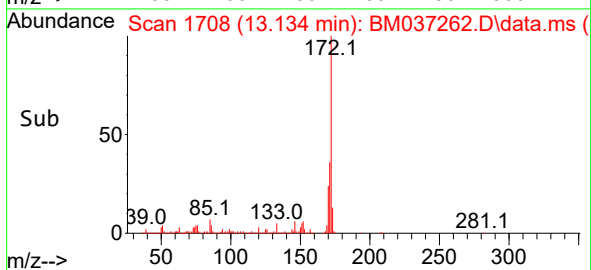
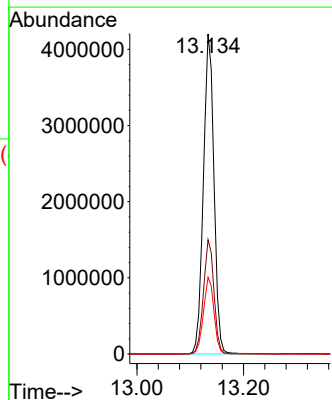
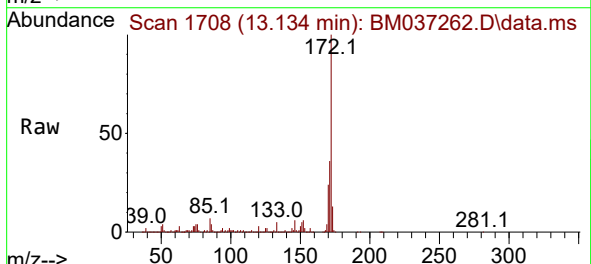
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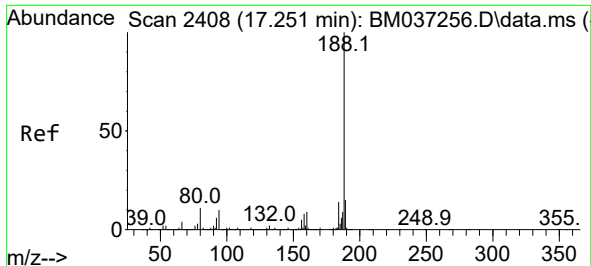
Tgt Ion:330 Resp: 1389789
Ion Ratio Lower Upper
330 100
332 97.3 78.0 117.0
141 34.9 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 86.228 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.005 min
Lab File: BM037262.D
Acq: 28 Oct 2022 19:35

Tgt Ion:172 Resp: 5788298
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 24.0 19.0 28.4

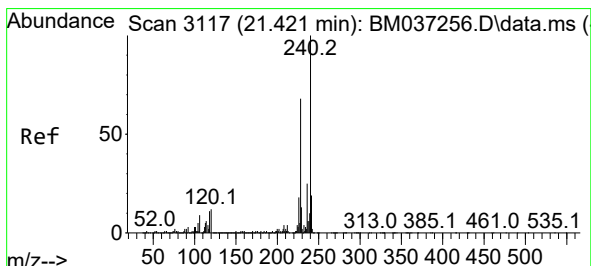
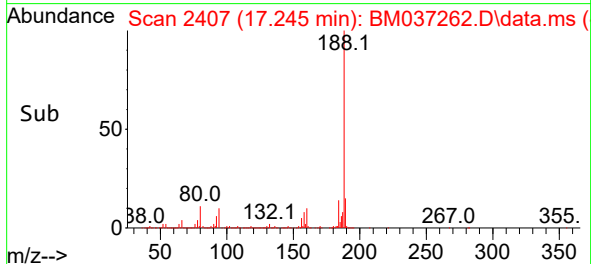
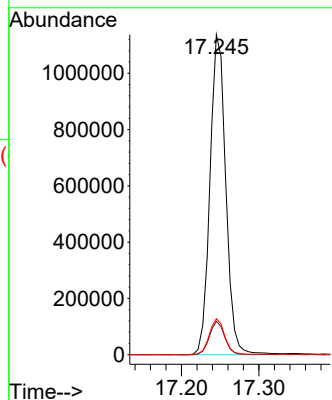
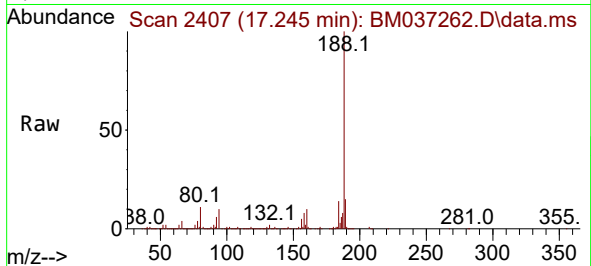




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM037262.D
Acq: 28 Oct 2022 19:35

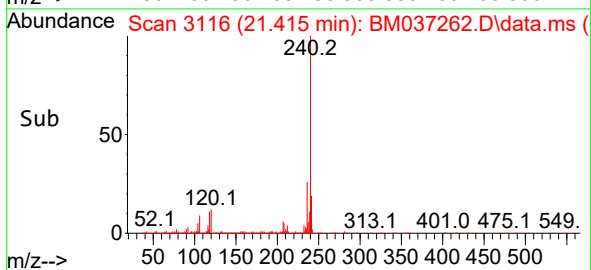
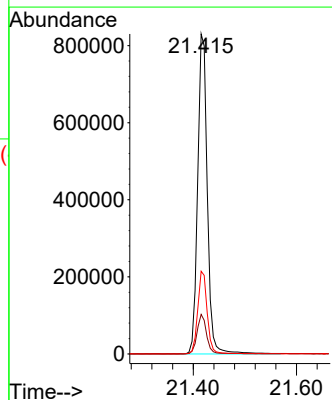
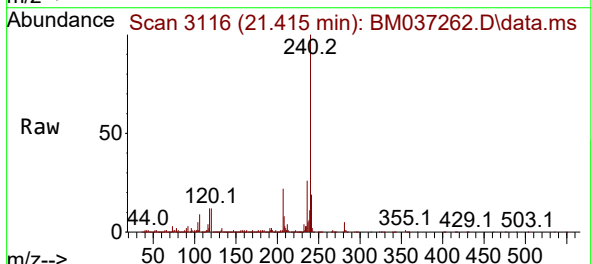
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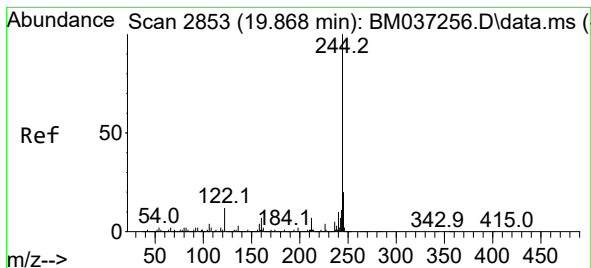
Tgt Ion:188 Resp: 1613192
Ion Ratio Lower Upper
188 100
94 10.5 7.9 11.9
80 11.3 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM037262.D
Acq: 28 Oct 2022 19:35

Tgt Ion:240 Resp: 1074433
Ion Ratio Lower Upper
240 100
120 12.4 9.9 14.9
236 25.9 20.3 30.5





#79

Terphenyl-d14

Concen: 108.265 ng

RT: 19.868 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037262.D

Acq: 28 Oct 2022 19:35

Instrument :

BNA_M

ClientSampleId :

PB148514BL

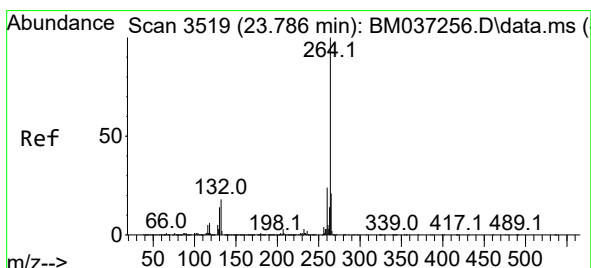
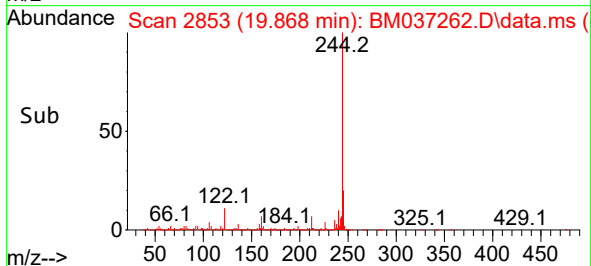
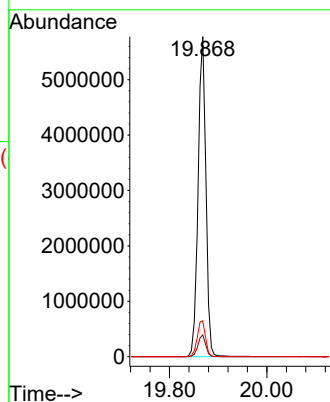
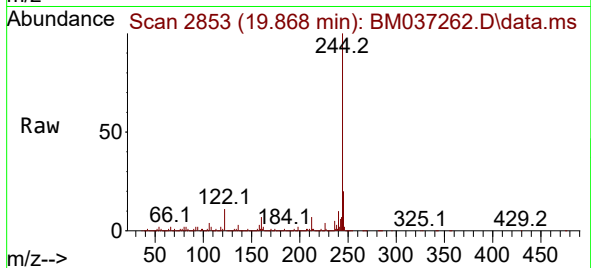
Tgt Ion:244 Resp: 6486675

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: 23.780 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM037262.D

Acq: 28 Oct 2022 19:35

Tgt Ion:264 Resp: 917882

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 22.3 17.7 26.5

