

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
 Data File : BM037422.D
 Acq On : 08 Nov 2022 10:59
 Operator : CG/JU
 Sample : PB148803BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB148803BL

Quant Time: Nov 08 14:15:09 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	7.822	152	242366	20.000	ng	-0.05
21) Naphthalene-d8	10.621	136	1030140	20.000	ng	-0.05
39) Acenaphthene-d10	14.462	164	658948	20.000	ng	-0.05
64) Phenanthrene-d10	17.203	188	1434444	20.000	ng	-0.05
76) Chrysene-d12	21.379	240	1474582	20.000	ng	-0.04
86) Perylene-d12	23.709	264	1522469	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	2075899	147.975	ng	-0.04
7) Phenol-d6	6.998	99	2767986	145.377	ng	-0.05
23) Nitrobenzene-d5	8.992	82	1609065	78.806	ng	-0.05
42) 2,4,6-Tribromophenol	15.950	330	1200932	154.650	ng	-0.05
45) 2-Fluorobiphenyl	13.086	172	3929078	79.225	ng	-0.05
79) Terphenyl-d14	19.827	244	7384534	89.805	ng	-0.04

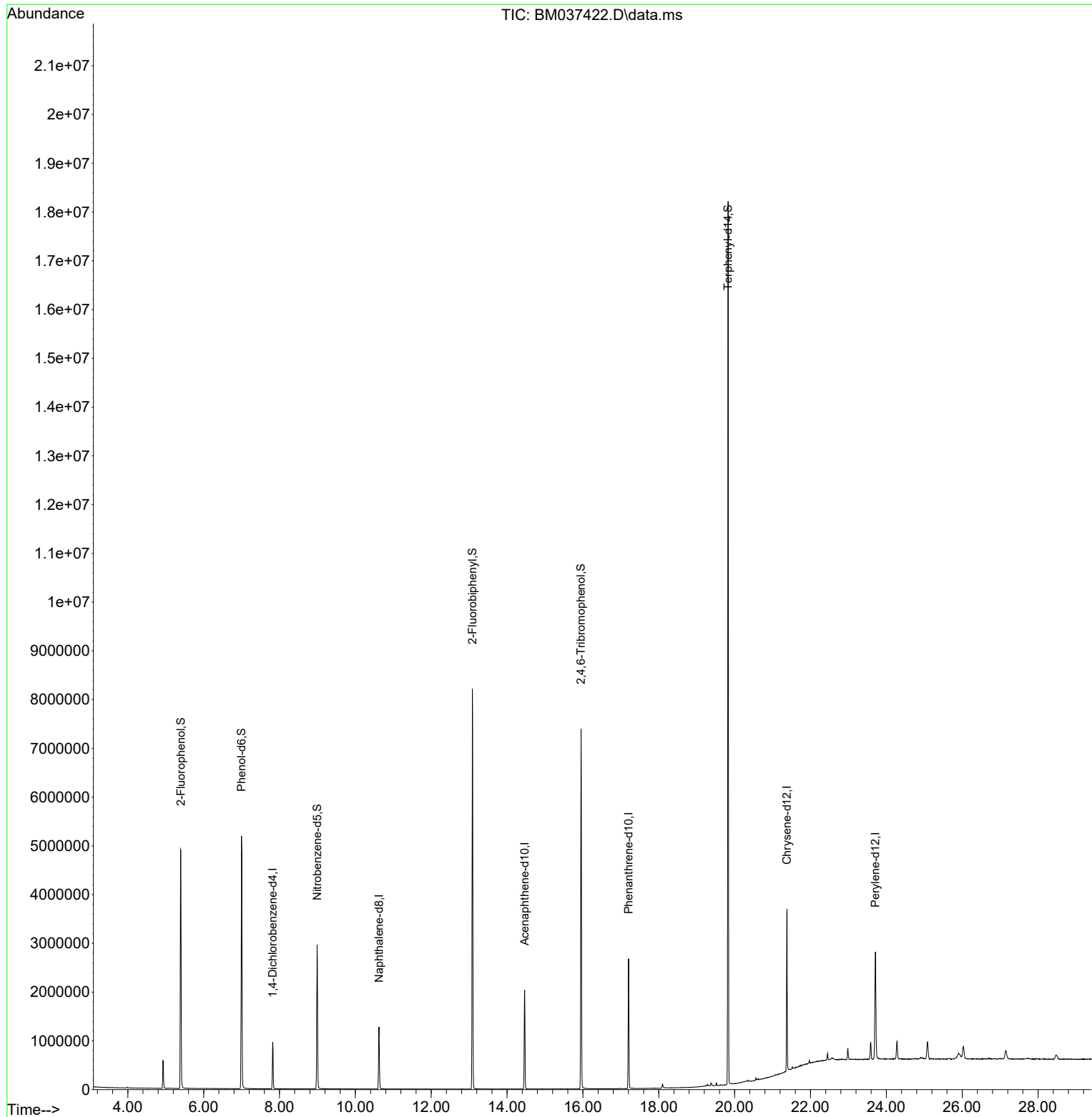
Target Compounds	Qvalue

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

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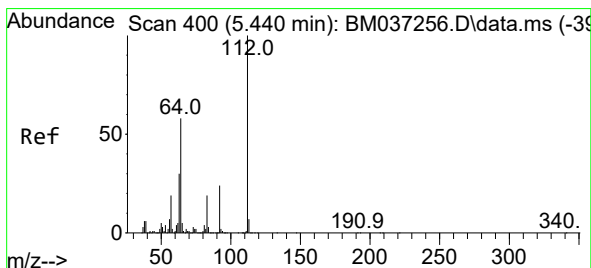
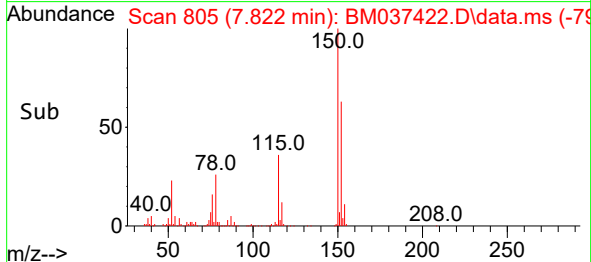
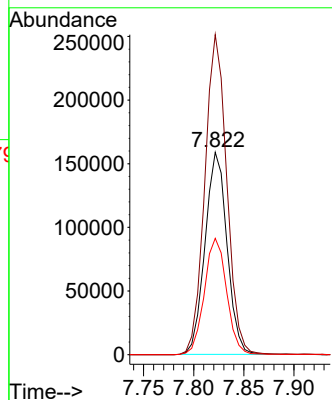
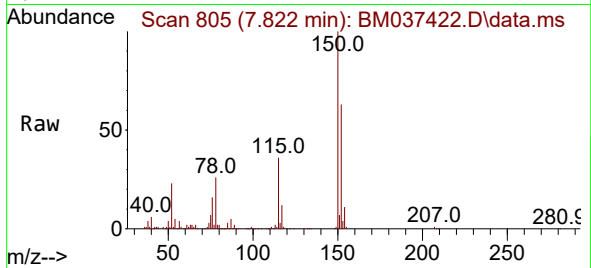




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 80
Delta R.T. -0.053 min
Lab File: BM037422.D
Acq: 08 Nov 2022 10:59

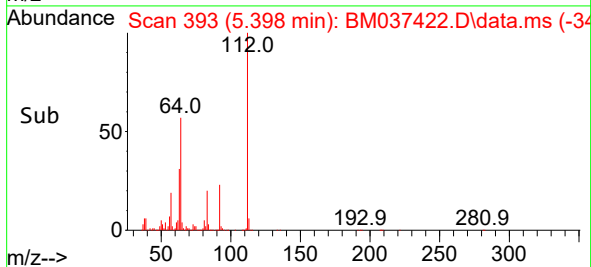
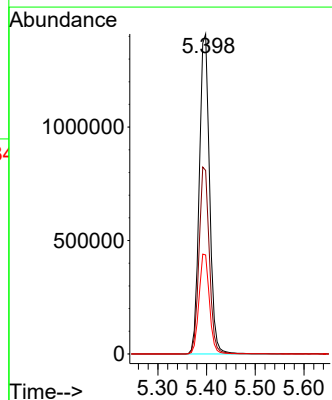
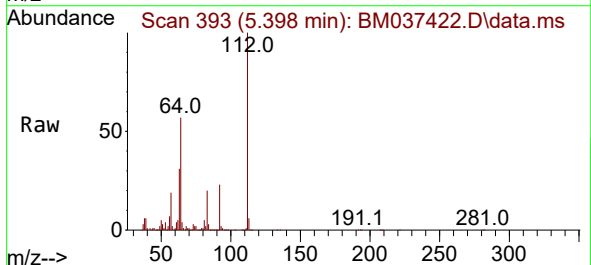
Instrument :
BNA_M
ClientSampleId :
PB148803BL

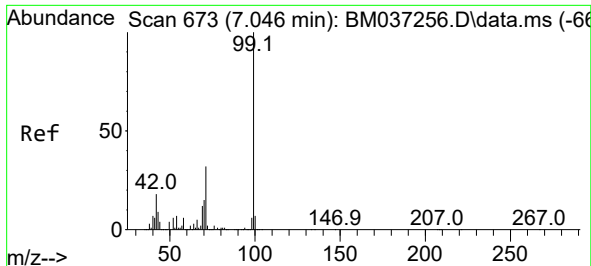
Tgt Ion:152 Resp: 242366
Ion Ratio Lower Upper
152 100
150 158.1 124.8 187.2
115 57.5 47.0 70.4



#5
2-Fluorophenol
Concen: 147.975 ng
RT: 5.398 min Scan# 393
Delta R.T. -0.042 min
Lab File: BM037422.D
Acq: 08 Nov 2022 10:59

Tgt Ion:112 Resp: 2075899
Ion Ratio Lower Upper
112 100
64 57.3 46.8 70.2
63 30.9 24.4 36.6

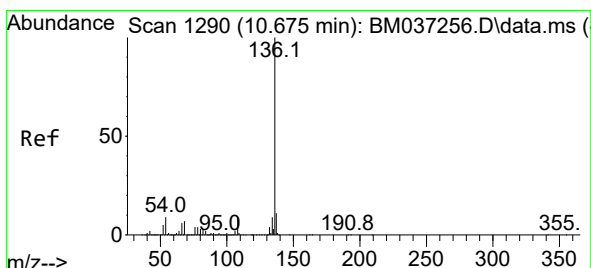
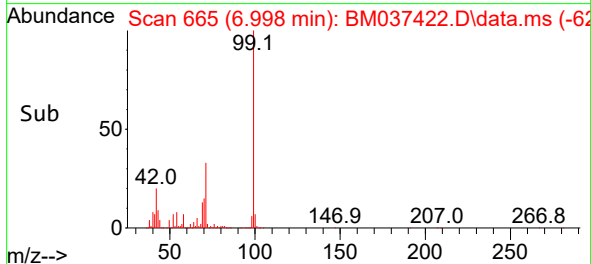
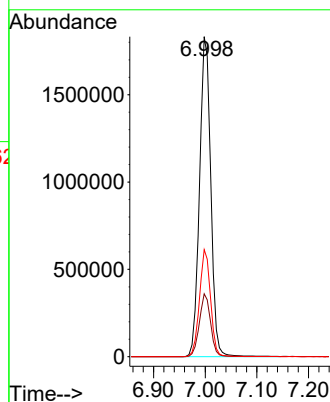
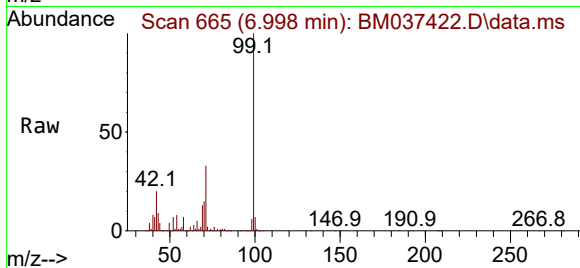




#7
Phenol-d6
Concen: 145.377 ng
RT: 6.998 min Scan# 60
Delta R.T. -0.048 min
Lab File: BM037422.D
Acq: 08 Nov 2022 10:59

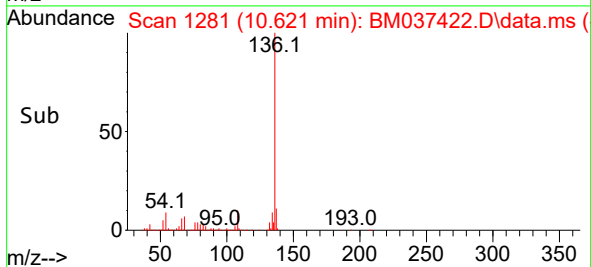
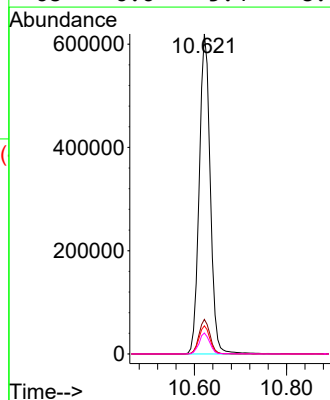
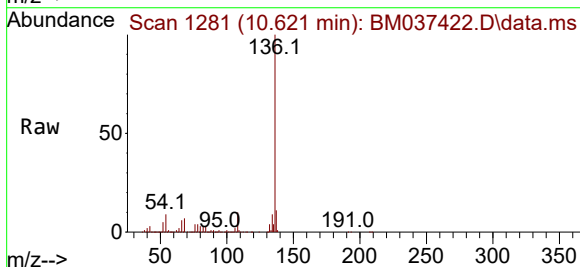
Instrument :
BNA_M
ClientSampleId :
PB148803BL

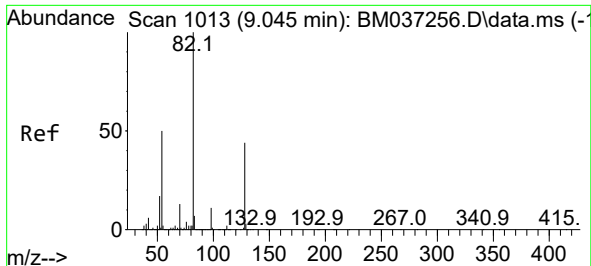
Tgt Ion: 99 Resp: 2767986
Ion Ratio Lower Upper
99 100
42 19.6 14.8 22.2
71 33.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.621 min Scan# 1281
Delta R.T. -0.054 min
Lab File: BM037422.D
Acq: 08 Nov 2022 10:59

Tgt Ion: 136 Resp: 1030140
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.8 7.0 10.4
68 6.6 5.4 8.0

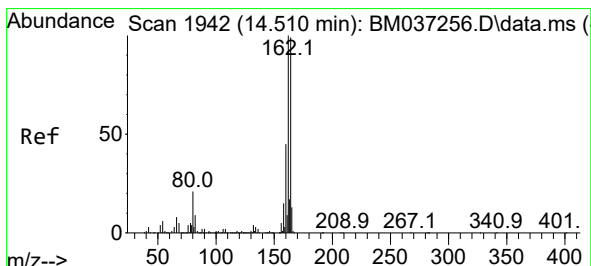
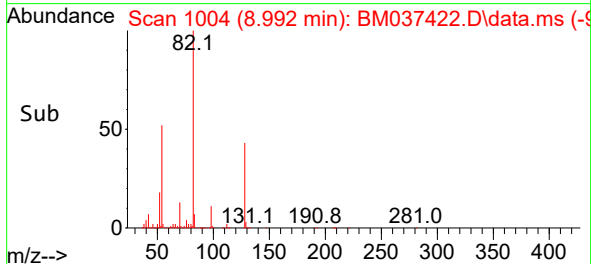
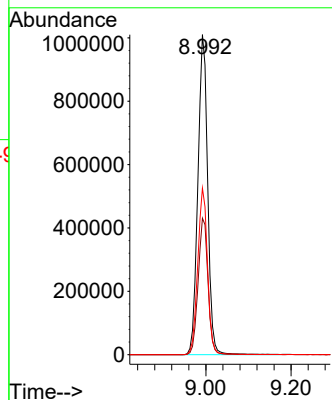
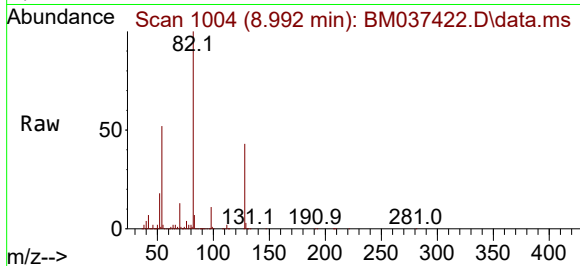




#23
 Nitrobenzene-d5
 Concen: 78.806 ng
 RT: 8.992 min Scan# 1004
 Delta R.T. -0.053 min
 Lab File: BM037422.D
 Acq: 08 Nov 2022 10:59

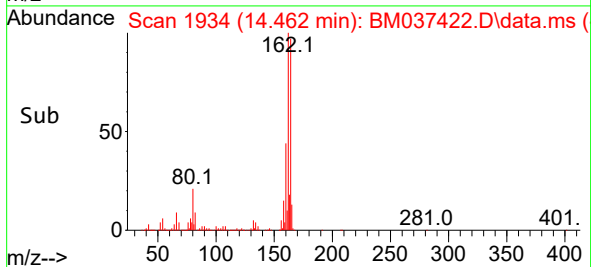
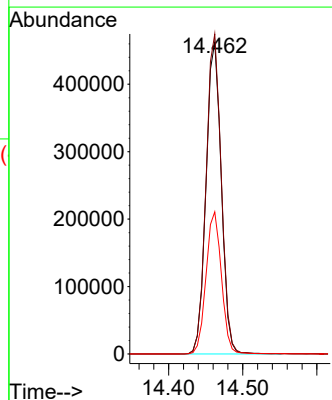
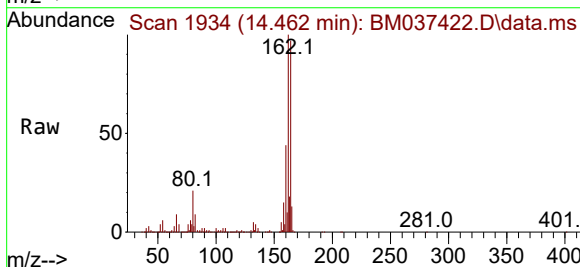
Instrument :
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 ClientSampleId :
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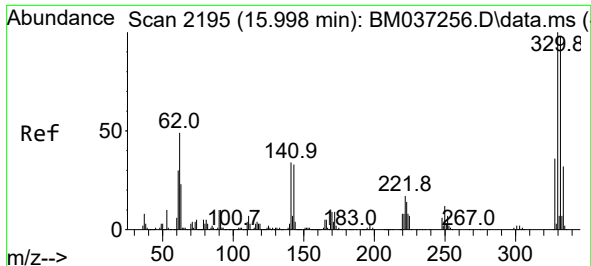
Tgt Ion: 82 Resp: 1609065
 Ion Ratio Lower Upper
 82 100
 128 42.7 35.2 52.8
 54 52.0 40.4 60.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.462 min Scan# 1934
 Delta R.T. -0.048 min
 Lab File: BM037422.D
 Acq: 08 Nov 2022 10:59

Tgt Ion: 164 Resp: 658948
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.6 120.8
 160 45.6 36.2 54.4

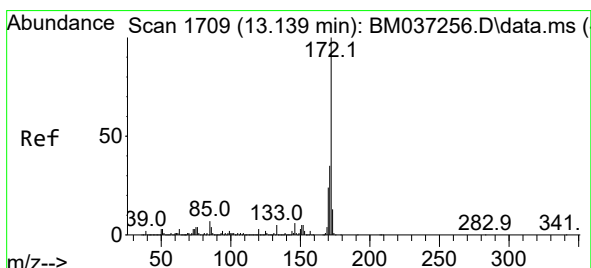
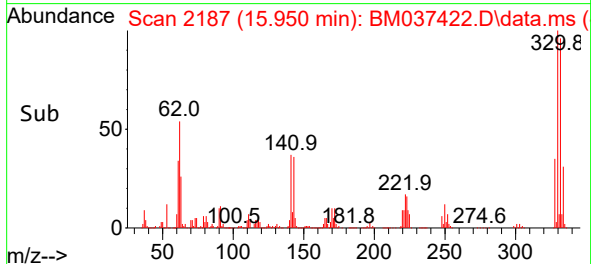
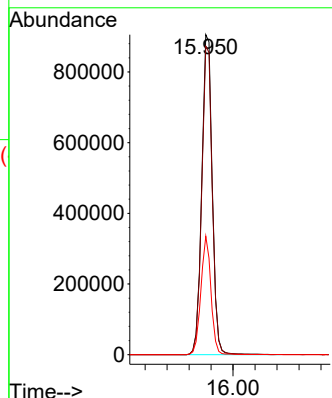
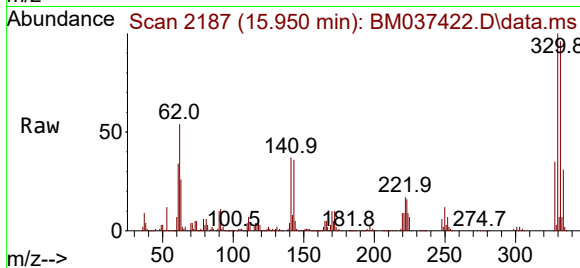




#42
2,4,6-Tribromophenol
Concen: 154.650 ng
RT: 15.950 min Scan# 21
Delta R.T. -0.048 min
Lab File: BM037422.D
Acq: 08 Nov 2022 10:59

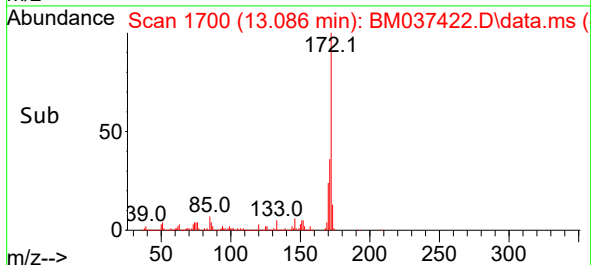
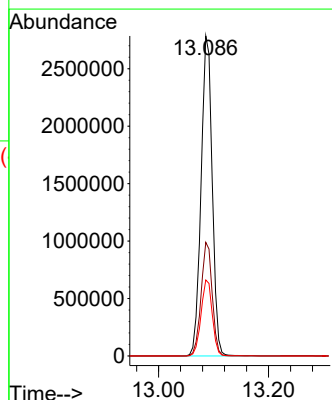
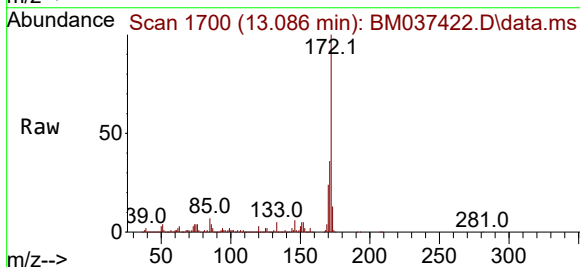
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ClientSampleId :
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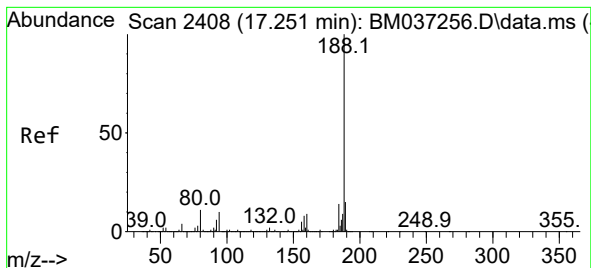
Tgt Ion:330 Resp: 1200932
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 35.7 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 79.225 ng
RT: 13.086 min Scan# 1700
Delta R.T. -0.053 min
Lab File: BM037422.D
Acq: 08 Nov 2022 10:59

Tgt Ion:172 Resp: 3929078
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.203 min Scan# 24

Delta R.T. -0.048 min

Lab File: BM037422.D

Acq: 08 Nov 2022 10:59

Instrument :

BNA_M

ClientSampleId :

PB148803BL

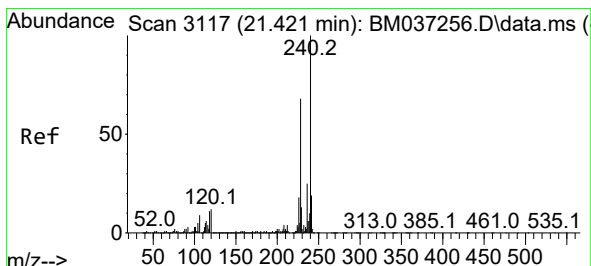
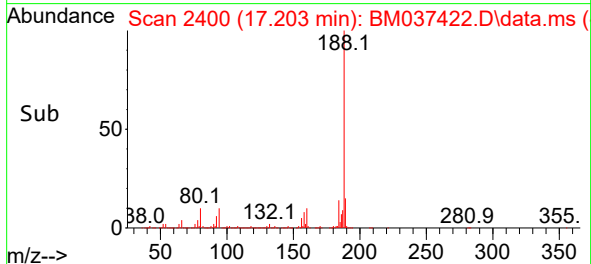
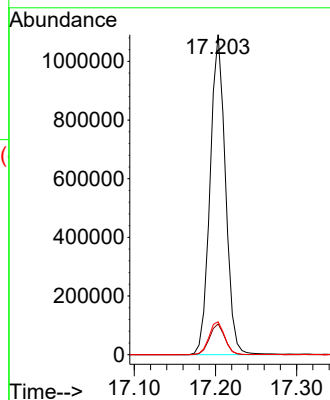
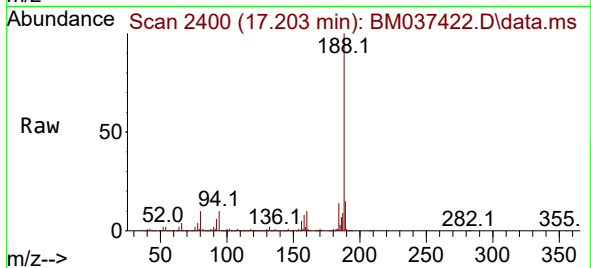
Tgt Ion:188 Resp: 1434444

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.3 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.379 min Scan# 3110

Delta R.T. -0.042 min

Lab File: BM037422.D

Acq: 08 Nov 2022 10:59

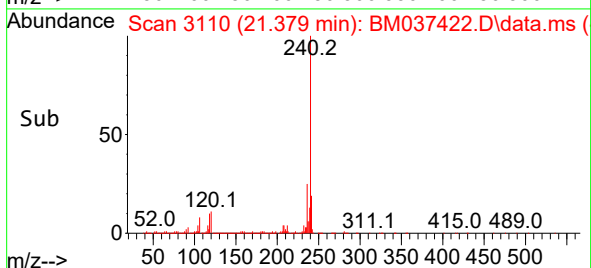
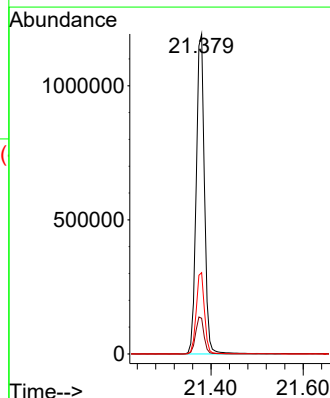
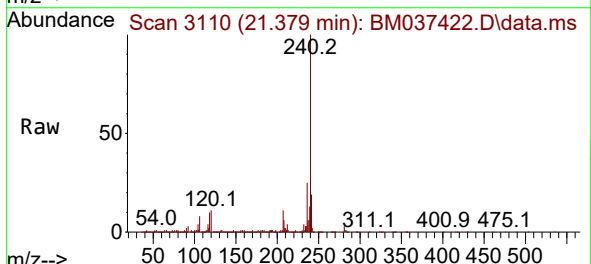
Tgt Ion:240 Resp: 1474582

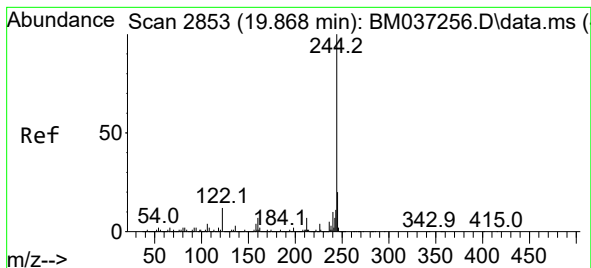
Ion Ratio Lower Upper

240 100

120 11.2 9.9 14.9

236 25.4 20.3 30.5





#79

Terphenyl-d14

Concen: 89.805 ng

RT: 19.827 min Scan# 21

Delta R.T. -0.041 min

Lab File: BM037422.D

Acq: 08 Nov 2022 10:59

Instrument :

BNA_M

ClientSampleId :

PB148803BL

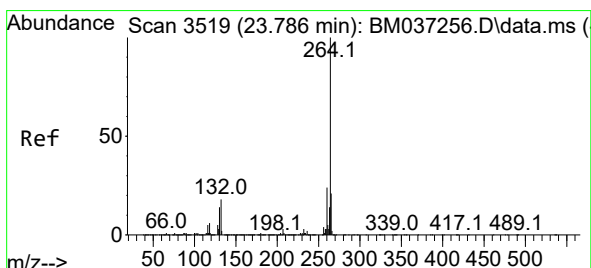
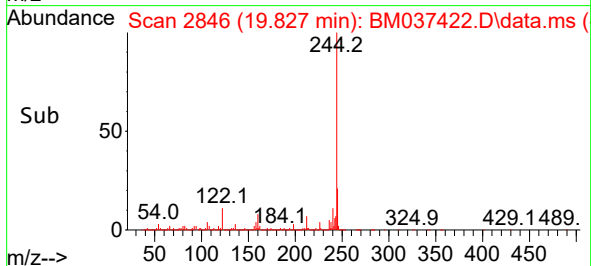
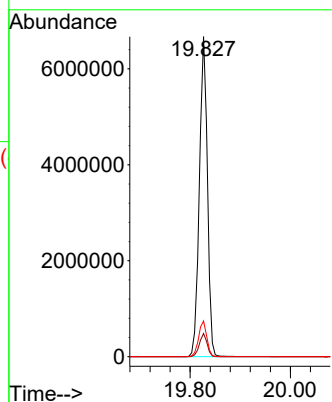
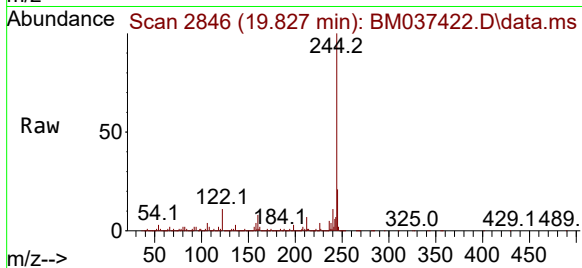
Tgt Ion:244 Resp: 7384534

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 11.1 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.709 min Scan# 3506

Delta R.T. -0.077 min

Lab File: BM037422.D

Acq: 08 Nov 2022 10:59

Tgt Ion:264 Resp: 1522469

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.9 17.7 26.5

