

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061322\
 Data File : BM035461.D
 Acq On : 13 Jun 2022 17:25
 Operator : CG/JU
 Sample : N3331-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-222(26-28)

Quant Time: Jun 14 04:30:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 10 16:05:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	214880	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	874692	20.000	ng	# 0.00
39) Acenaphthene-d10	14.463	164	504318	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1056630	20.000	ng	# 0.00
76) Chrysene-d12	21.397	240	1097635	20.000	ng	0.00
86) Perylene-d12	23.738	264	1202494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	2530727	199.719	ng	0.00
7) Phenol-d6	7.004	99	3256380	185.447	ng	0.00
23) Nitrobenzene-d5	8.981	82	1976608	122.804	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1054492	196.394	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	4061111	115.042	ng	0.00
79) Terphenyl-d14	19.839	244	5828990	101.396	ng	0.00

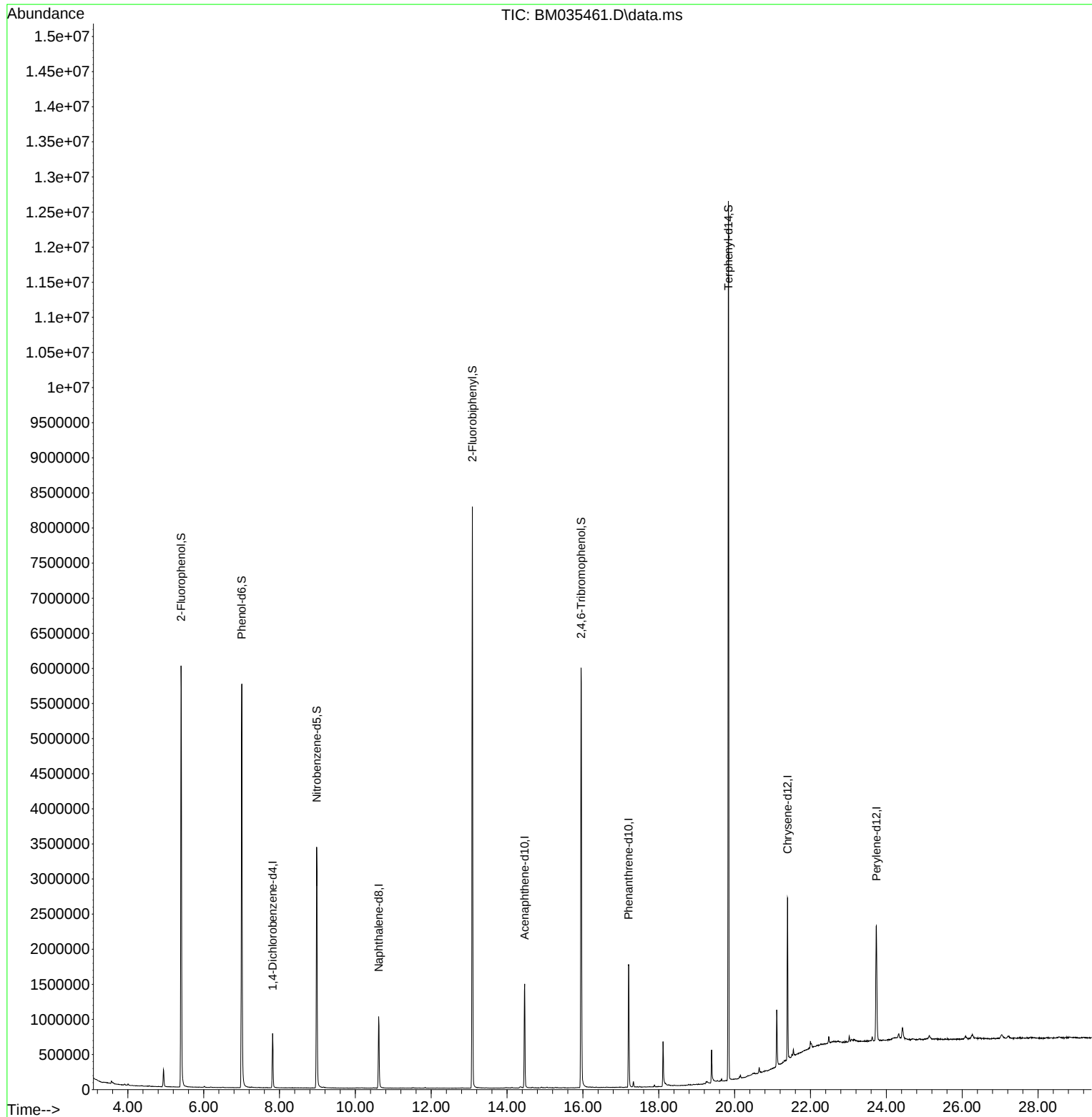
Target Compounds	Qvalue

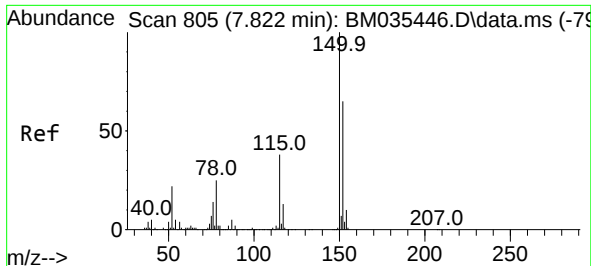
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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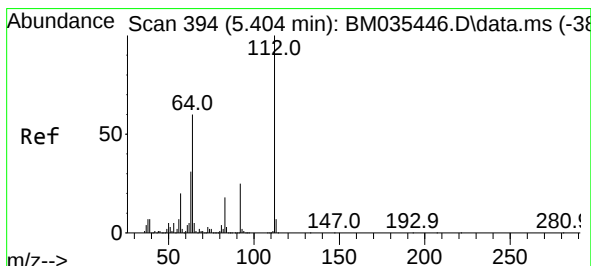
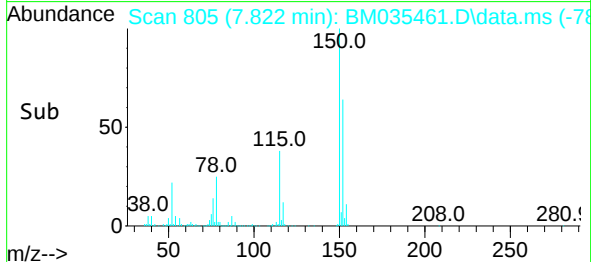
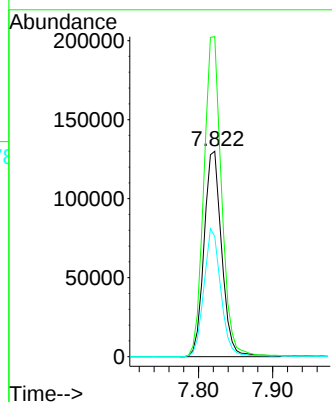
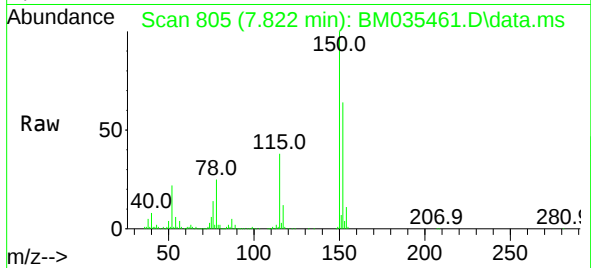




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM035461.D
Acq: 13 Jun 2022 17:25

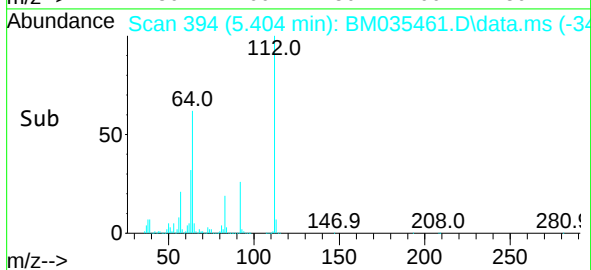
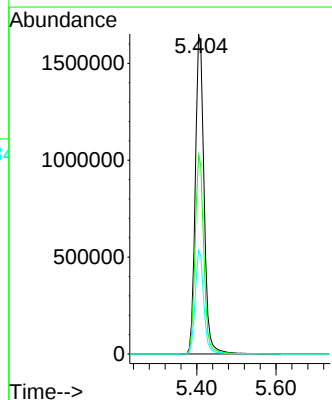
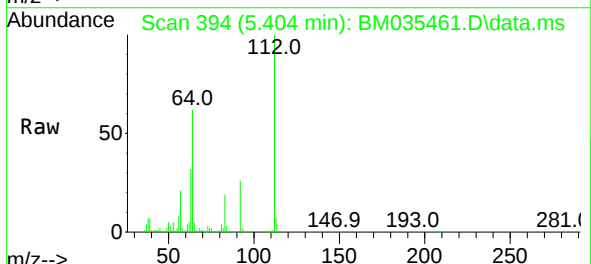
Instrument :
BNA_M
ClientSampleId :
B-222(26-28)

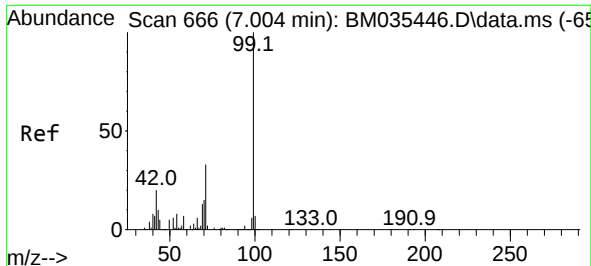
Tgt Ion:152 Resp: 214880
Ion Ratio Lower Upper
152 100
150 155.8 124.9 187.3
115 58.5 47.9 71.9



#5
2-Fluorophenol
Concen: 199.719 ng
RT: 5.404 min Scan# 394
Delta R.T. 0.000 min
Lab File: BM035461.D
Acq: 13 Jun 2022 17:25

Tgt Ion:112 Resp: 2530727
Ion Ratio Lower Upper
112 100
64 62.1 47.8 71.6
63 32.4 26.6 40.0

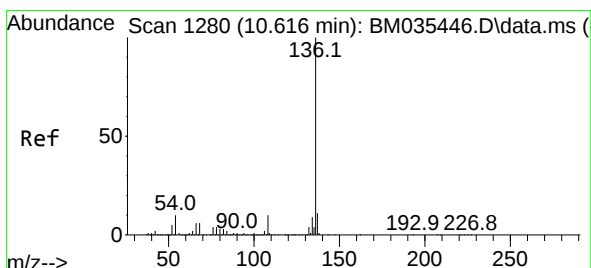
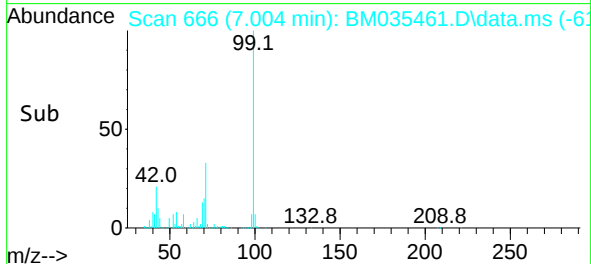
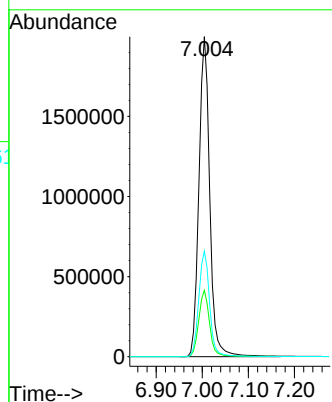
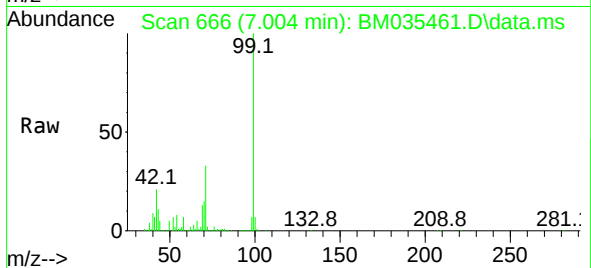




#7
Phenol-d6
Concen: 185.447 ng
RT: 7.004 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM035461.D
Acq: 13 Jun 2022 17:25

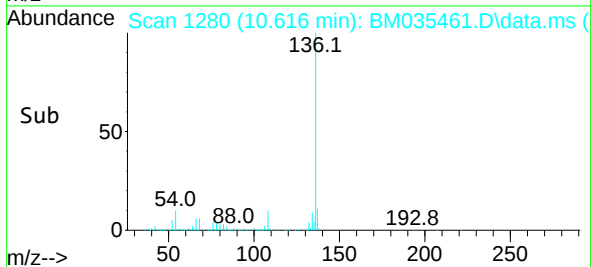
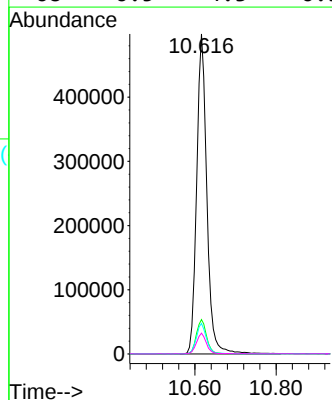
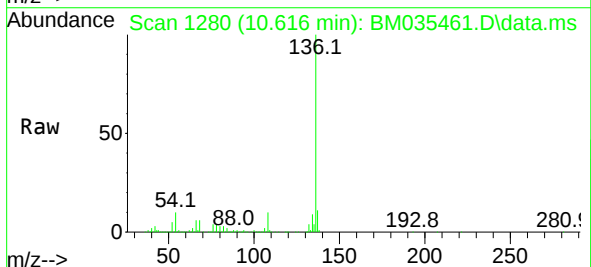
Instrument :
BNA_M
ClientSampleId :
B-222(26-28)

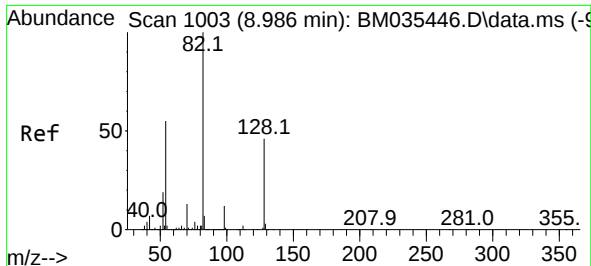
Tgt Ion: 99 Resp: 3256380
Ion Ratio Lower Upper
99 100
42 20.7 18.8 28.2
71 33.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BM035461.D
Acq: 13 Jun 2022 17:25

Tgt Ion:136 Resp: 874692
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.6 7.0 10.4
68 6.5 4.3 6.5#





#23

Nitrobenzene-d5

Concen: 122.804 ng

RT: 8.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BM035461.D

Acq: 13 Jun 2022 17:25

Instrument :

BNA_M

ClientSampleId :

B-222(26-28)

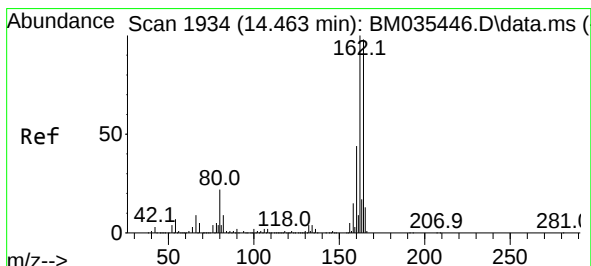
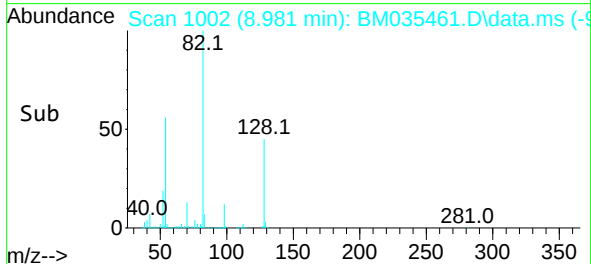
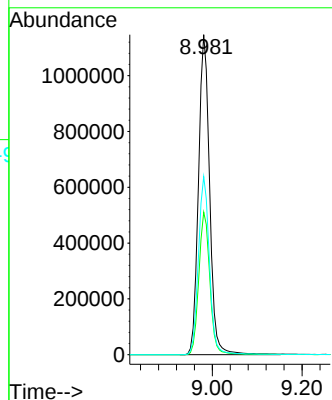
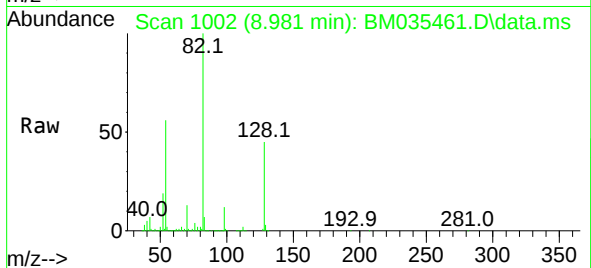
Tgt Ion: 82 Resp: 1976608

Ion Ratio Lower Upper

82 100

128 44.5 33.7 50.5

54 55.7 43.2 64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BM035461.D

Acq: 13 Jun 2022 17:25

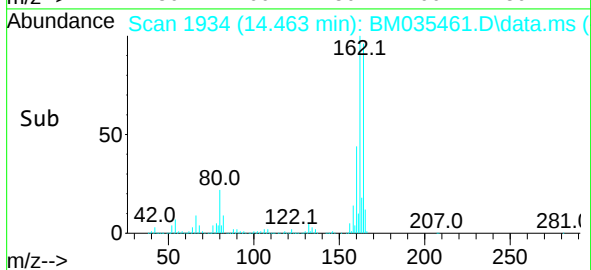
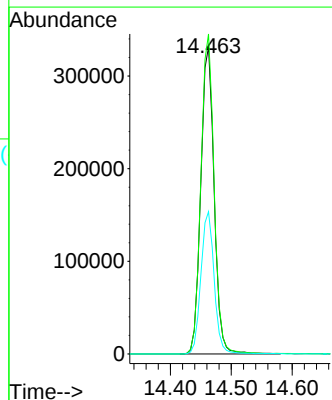
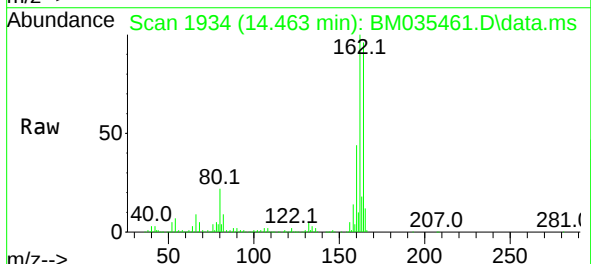
Tgt Ion:164 Resp: 504318

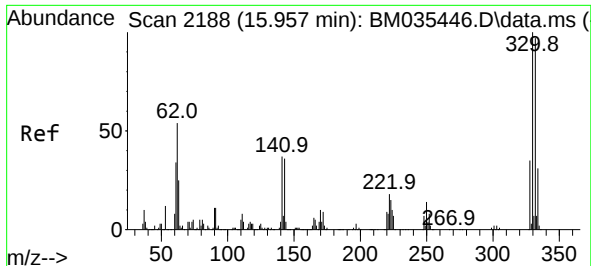
Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.6

160 46.3 37.0 55.4

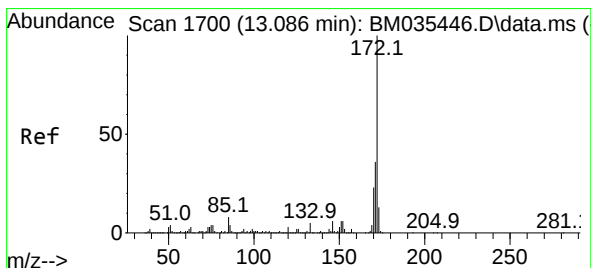
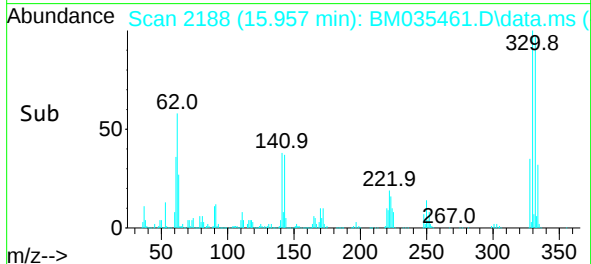
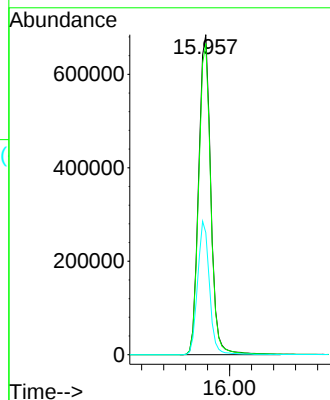
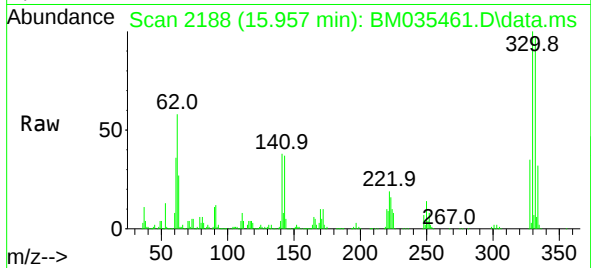




#42
2,4,6-Tribromophenol
Concen: 196.394 ng
RT: 15.957 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM035461.D
Acq: 13 Jun 2022 17:25

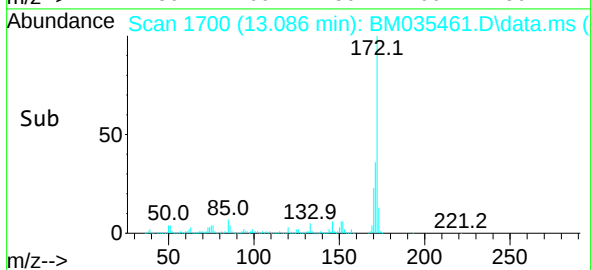
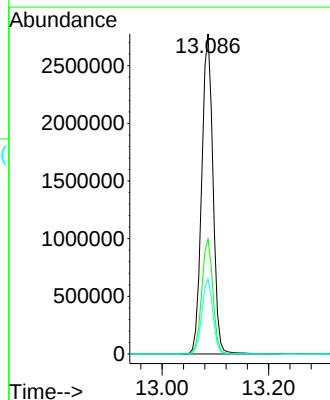
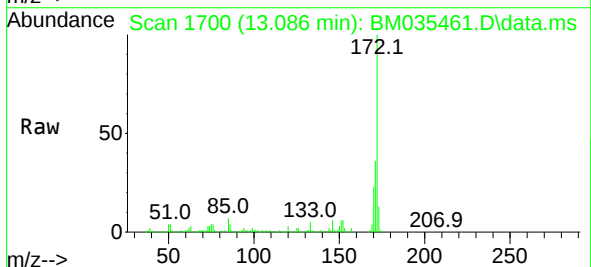
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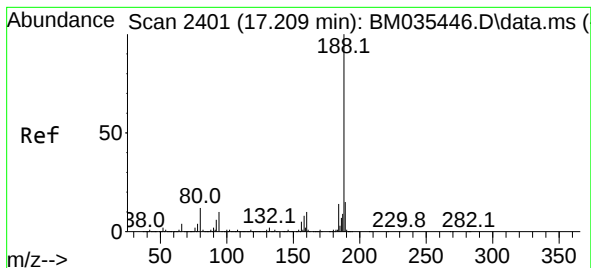
Tgt Ion:330 Resp: 1054492
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 40.6 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 115.042 ng
RT: 13.086 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BM035461.D
Acq: 13 Jun 2022 17:25

Tgt Ion:172 Resp: 4061111
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BM035461.D

Acq: 13 Jun 2022 17:25

Instrument :

BNA_M

ClientSampleId :

B-222(26-28)

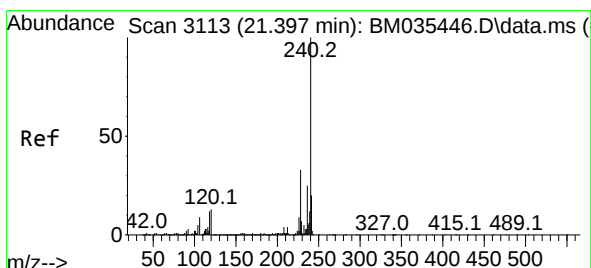
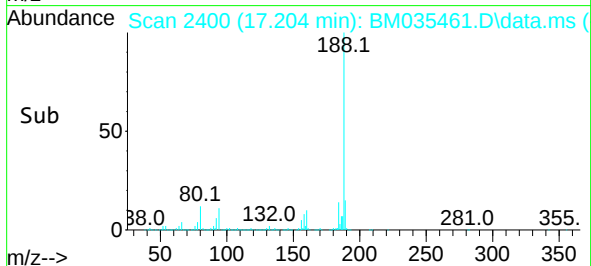
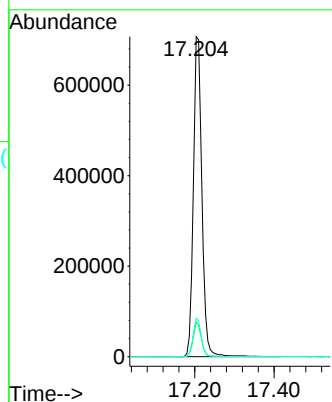
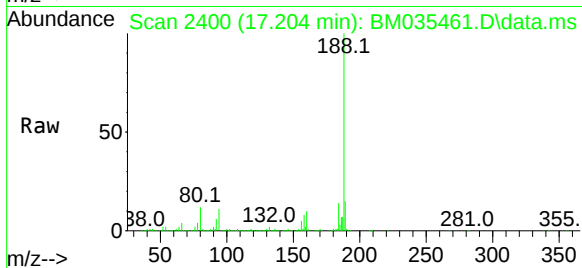
Tgt Ion:188 Resp: 1056630

Ion Ratio Lower Upper

188 100

94 10.8 7.0 10.4#

80 12.1 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM035461.D

Acq: 13 Jun 2022 17:25

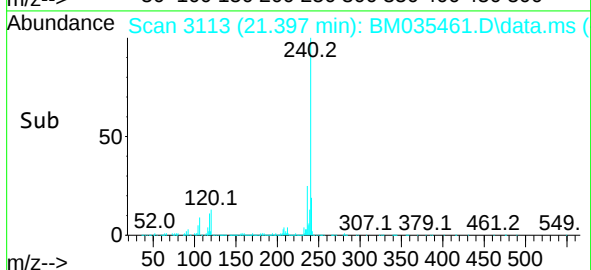
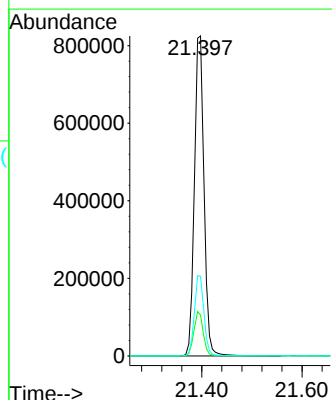
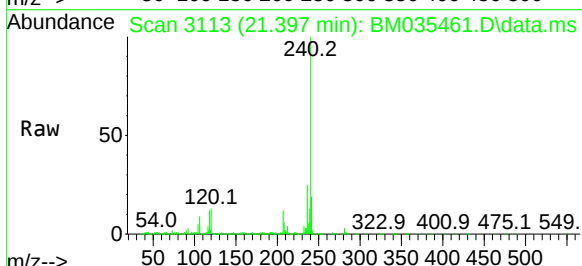
Tgt Ion:240 Resp: 1097635

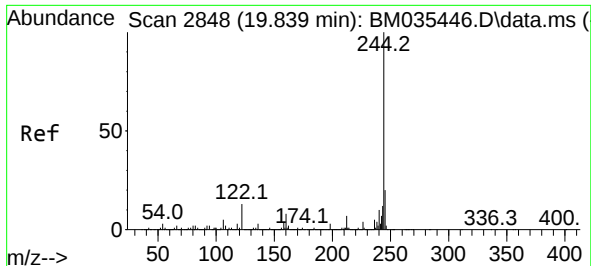
Ion Ratio Lower Upper

240 100

120 12.8 9.4 14.0

236 24.9 20.6 30.8

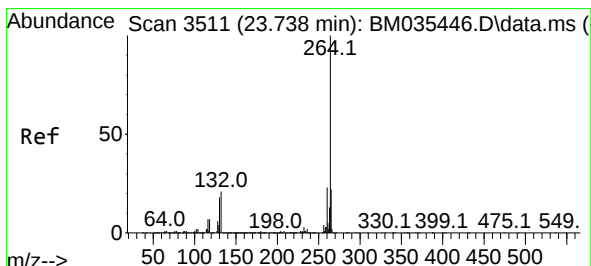
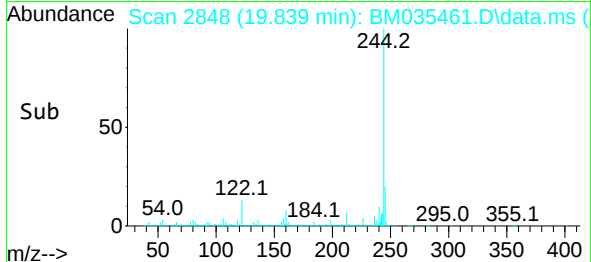
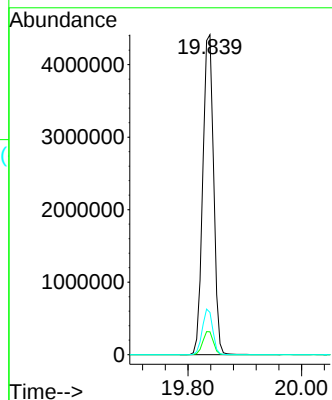
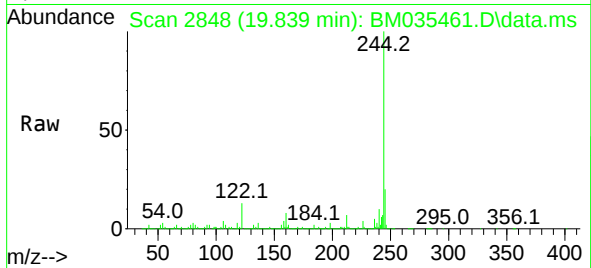




#79
 Terphenyl-d14
 Concen: 101.396 ng
 RT: 19.839 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035461.D
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Tgt Ion:244 Resp: 5828990
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 13.2 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.738 min Scan# 3511
 Delta R.T. 0.000 min
 Lab File: BM035461.D
 Acq: 13 Jun 2022 17:25

Tgt Ion:264 Resp: 1202494
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.9 28.3
 265 21.9 17.5 26.3

