

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
 Data File : BM035220.D
 Acq On : 24 May 2022 15:43
 Operator : CG/JU
 Sample : N2981-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TGMP-3

Quant Time: May 25 05:43:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 04:53:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	119717	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	443274	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	276512	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	589562	20.000	ng	0.00
76) Chrysene-d12	21.462	240	603971	20.000	ng	#-0.01
86) Perylene-d12	23.850	264	649868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	559624	82.470	ng	0.00
7) Phenol-d6	7.069	99	473526	54.055	ng	0.00
23) Nitrobenzene-d5	9.057	82	828493	100.931	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	505893	168.188	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	2008598	105.450	ng	0.00
79) Terphenyl-d14	19.909	244	3316601	106.323	ng	0.00

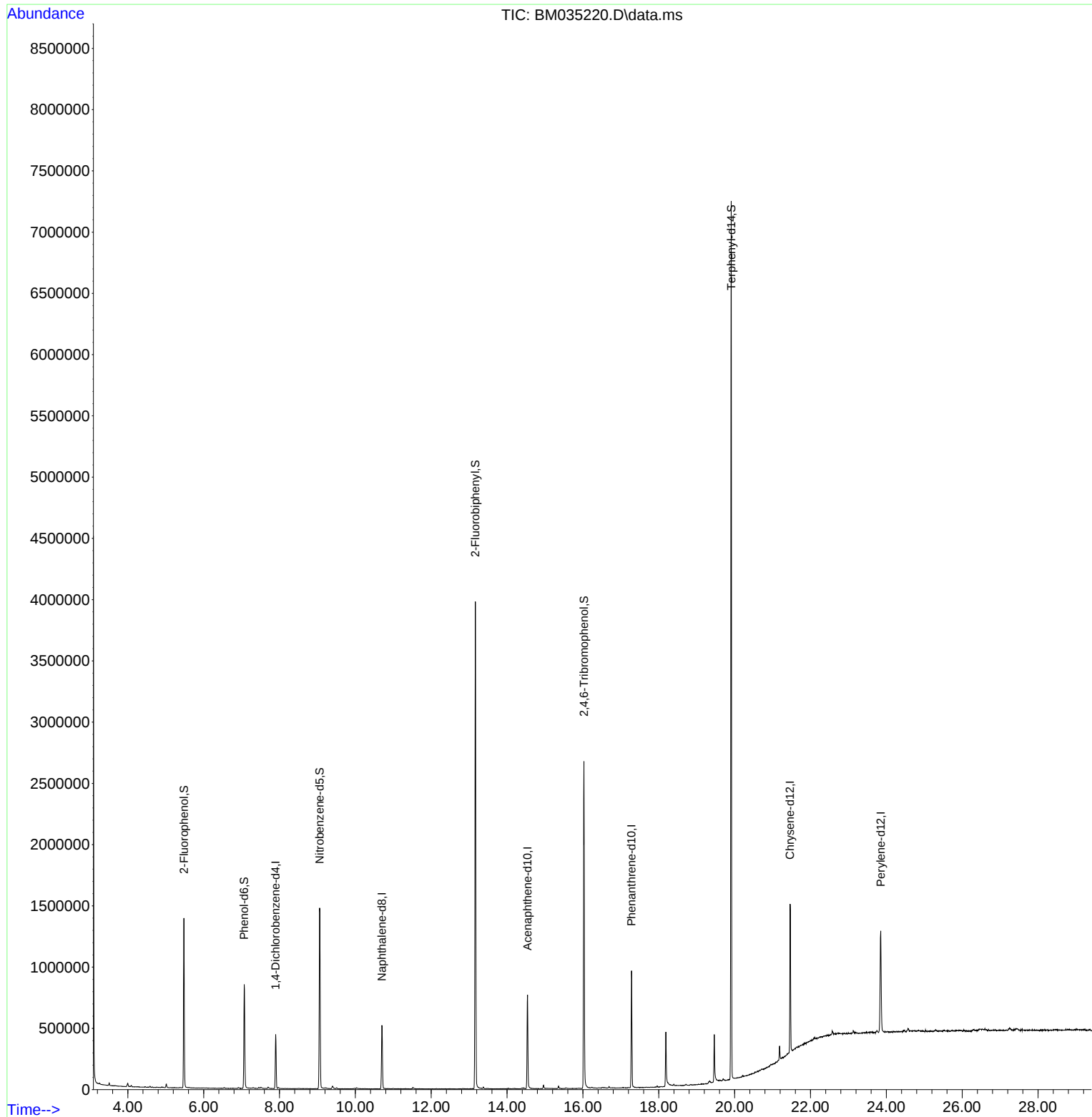
Target Compounds	Qvalue

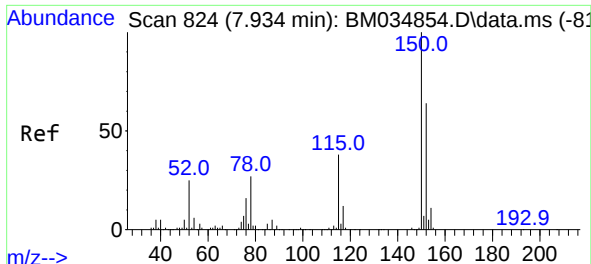
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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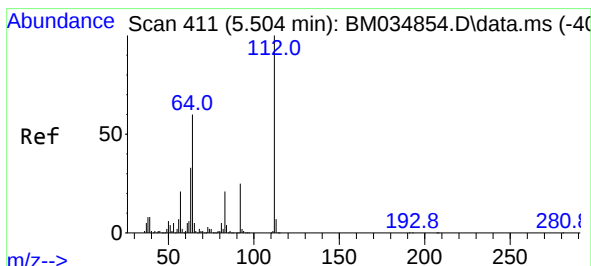
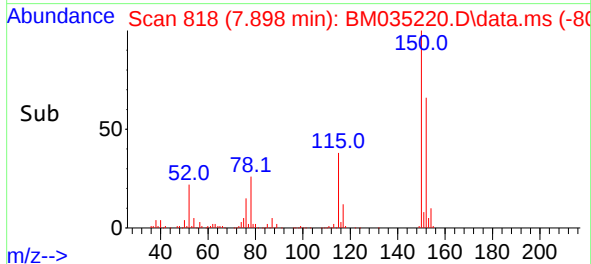
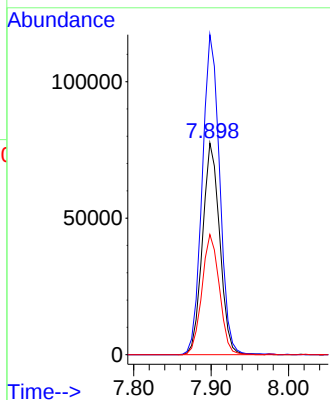
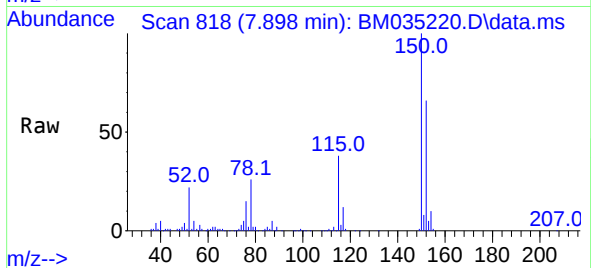




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM035220.D
Acq: 24 May 2022 15:43

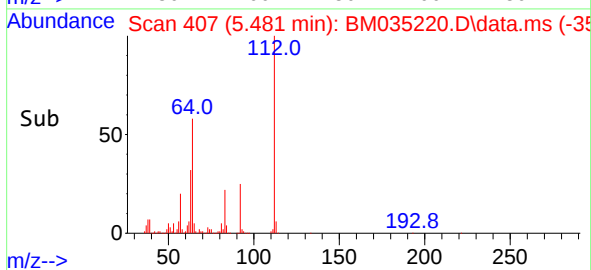
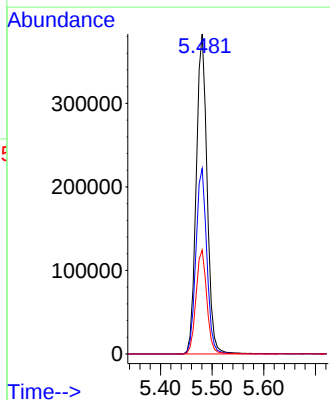
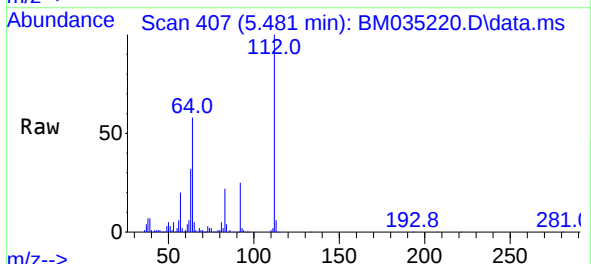
Instrument :
BNA_M
ClientSampleId :
TGMP-3

Tgt Ion:152 Resp: 119717
Ion Ratio Lower Upper
152 100
150 151.1 124.9 187.3
115 56.8 47.9 71.9



#5
2-Fluorophenol
Concen: 82.470 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.000 min
Lab File: BM035220.D
Acq: 24 May 2022 15:43

Tgt Ion:112 Resp: 559624
Ion Ratio Lower Upper
112 100
64 58.0 47.8 71.6
63 32.5 26.6 40.0

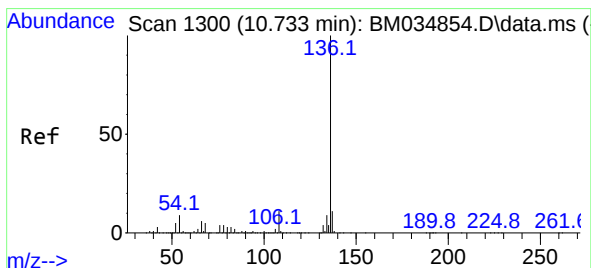
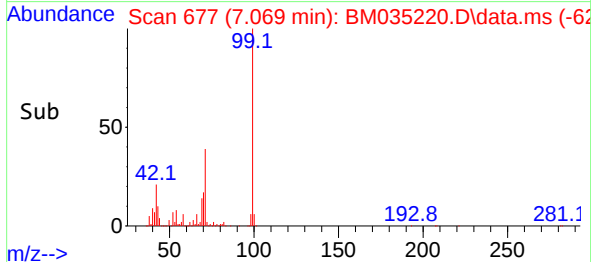
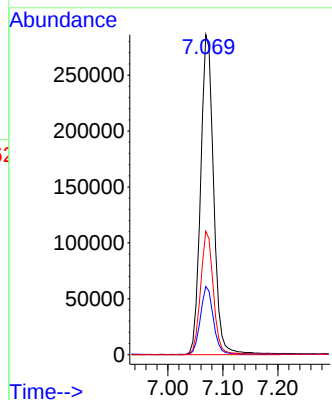
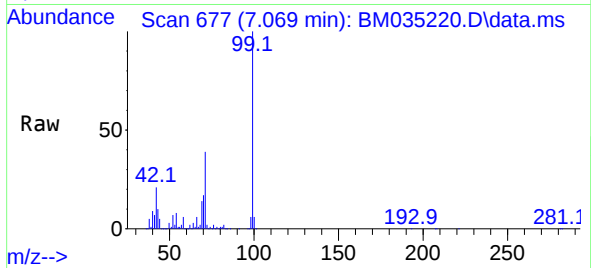




#7
Phenol-d6
Concen: 54.055 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035220.D
Acq: 24 May 2022 15:43

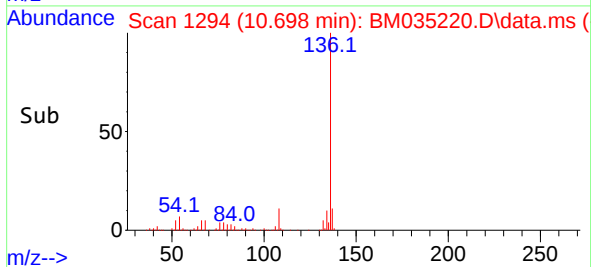
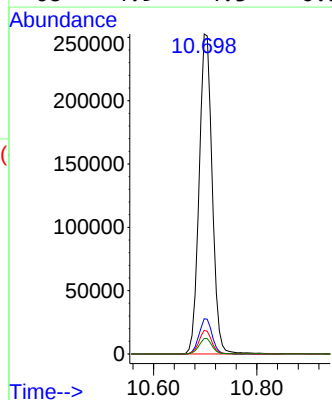
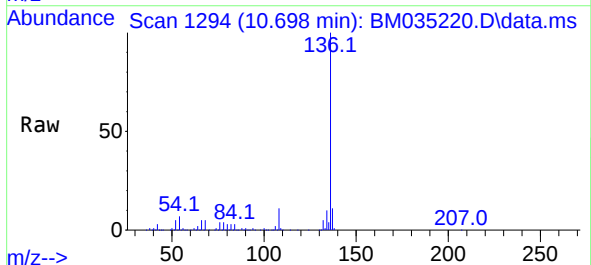
Instrument :
BNA_M
ClientSampleId :
TGMP-3

Tgt Ion: 99 Resp: 473526
Ion Ratio Lower Upper
99 100
42 21.3 18.8 28.2
71 38.6 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BM035220.D
Acq: 24 May 2022 15:43

Tgt Ion: 136 Resp: 443274
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.3 7.0 10.4
68 4.9 4.3 6.5





#23

Nitrobenzene-d5

Concen: 100.931 ng

RT: 9.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM035220.D

Acq: 24 May 2022 15:43

Instrument :

BNA_M

ClientSampleId :

TGMP-3

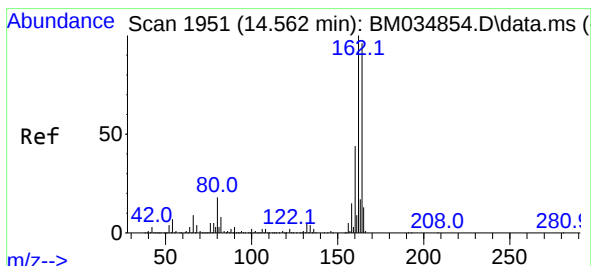
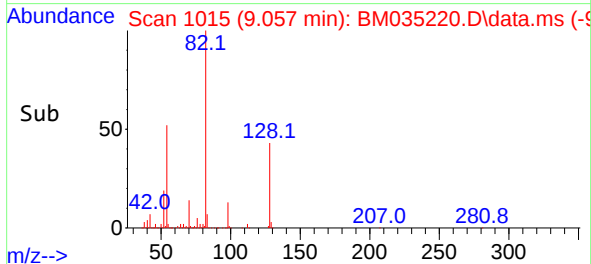
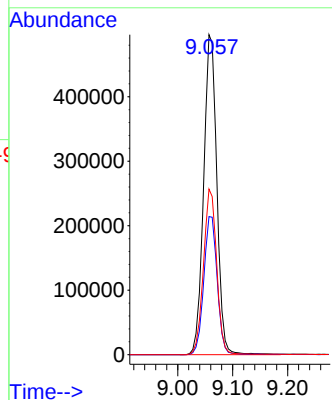
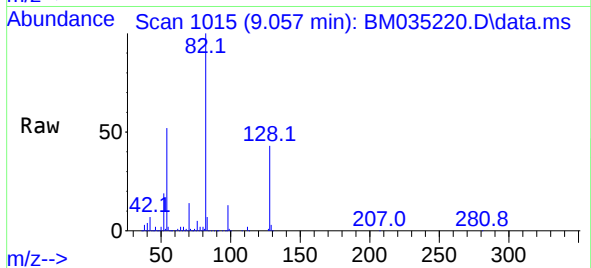
Tgt Ion: 82 Resp: 828493

Ion Ratio Lower Upper

82 100

128 43.2 33.7 50.5

54 51.8 43.2 64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM035220.D

Acq: 24 May 2022 15:43

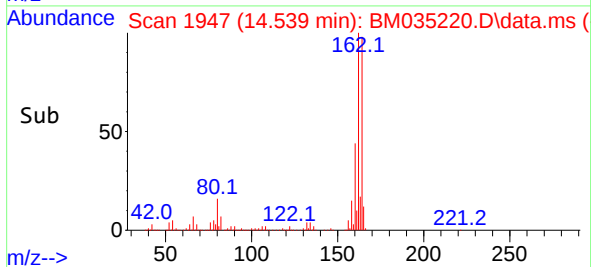
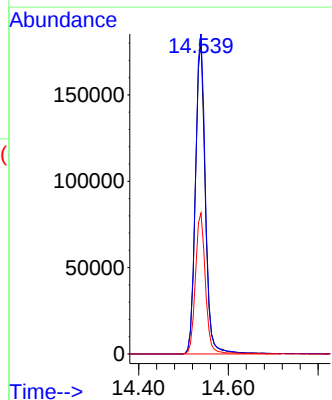
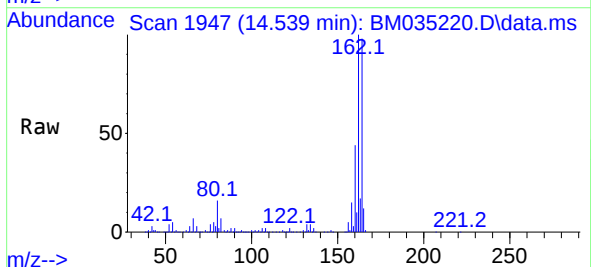
Tgt Ion:164 Resp: 276512

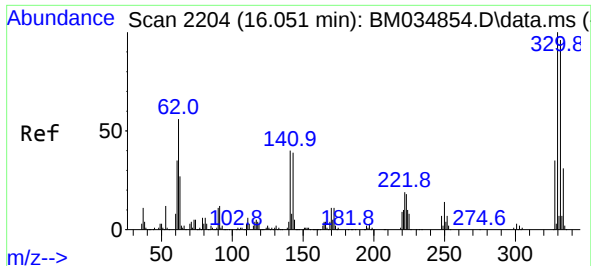
Ion Ratio Lower Upper

164 100

162 102.0 83.0 124.6

160 44.9 37.0 55.4

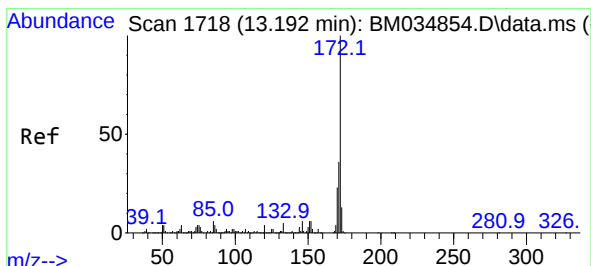
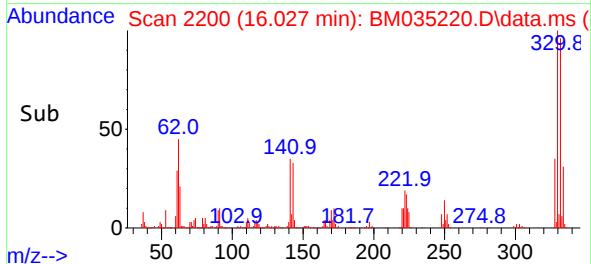
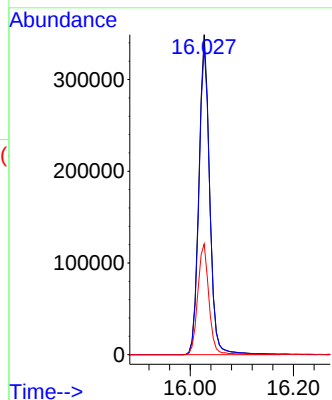
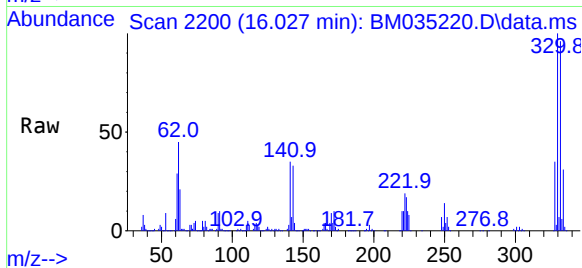




#42
2,4,6-Tribromophenol
Concen: 168.188 ng
RT: 16.027 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035220.D
Acq: 24 May 2022 15:43

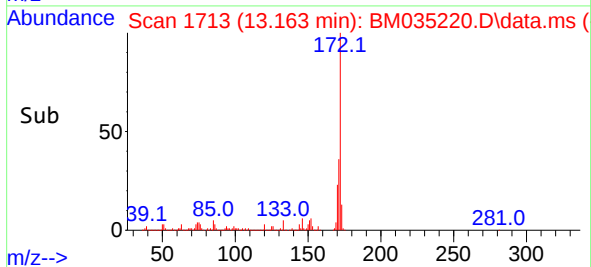
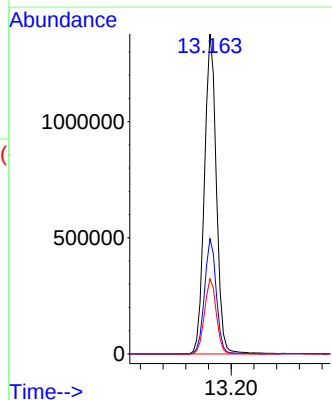
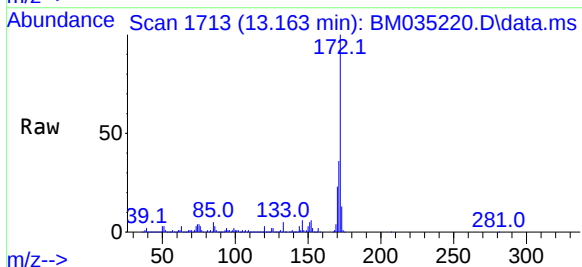
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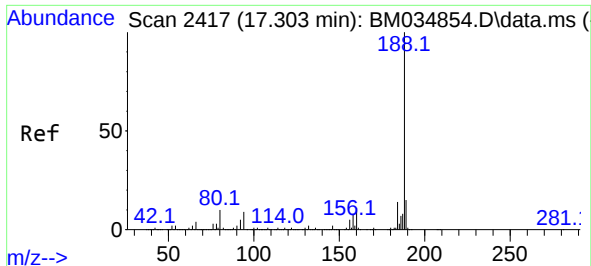
Tgt Ion:330 Resp: 505893
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 35.9 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 105.450 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM035220.D
Acq: 24 May 2022 15:43

Tgt Ion:172 Resp: 2008598
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.5 18.7 28.1

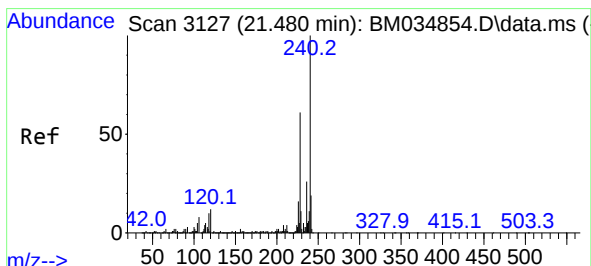
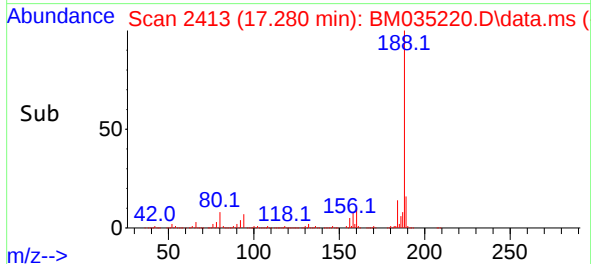
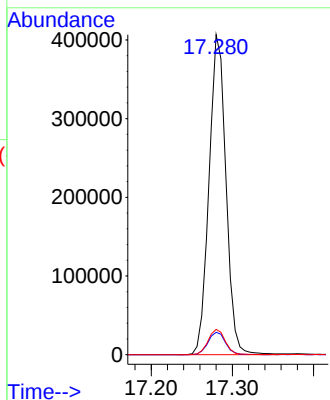
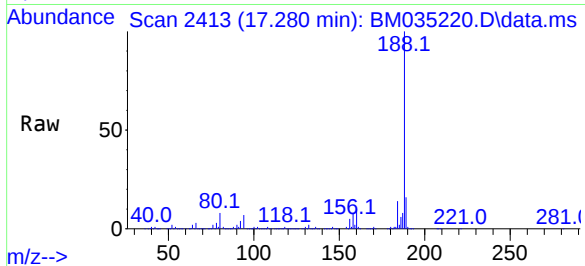




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM035220.D
Acq: 24 May 2022 15:43

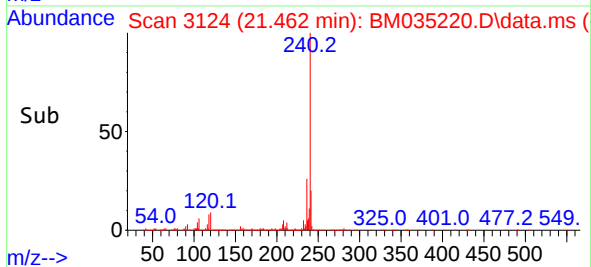
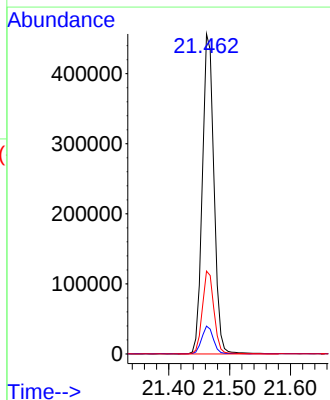
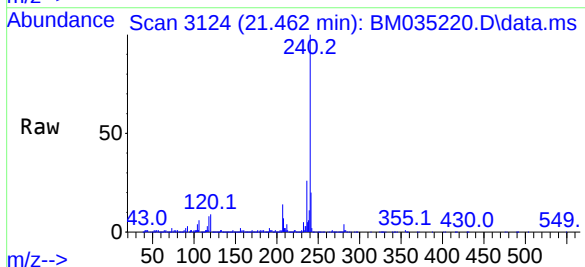
Instrument :
BNA_M
ClientSampleId :
TGMP-3

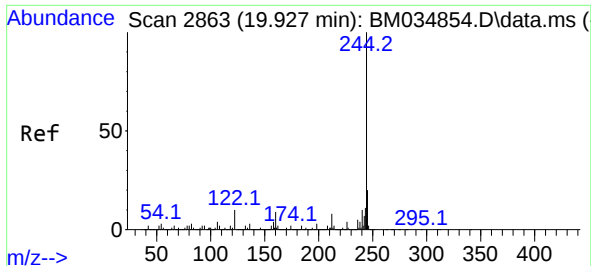
Tgt Ion:188 Resp: 589562
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.4
80 7.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM035220.D
Acq: 24 May 2022 15:43

Tgt Ion:240 Resp: 603971
Ion Ratio Lower Upper
240 100
120 8.7 9.4 14.0#
236 25.9 20.6 30.8

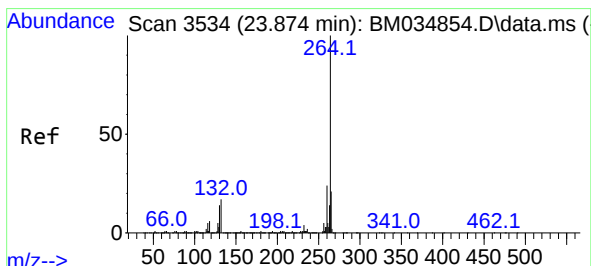
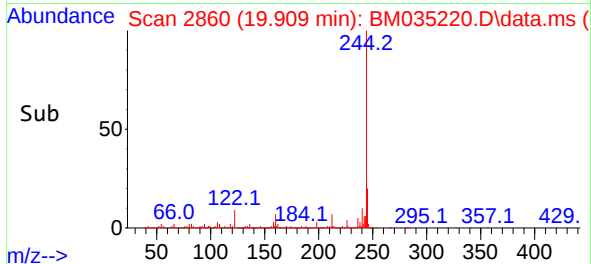
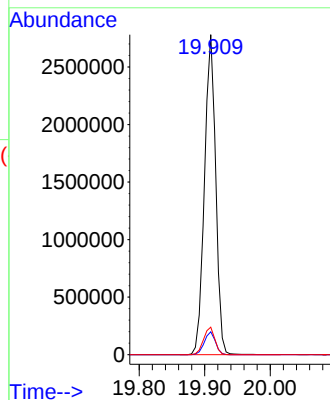
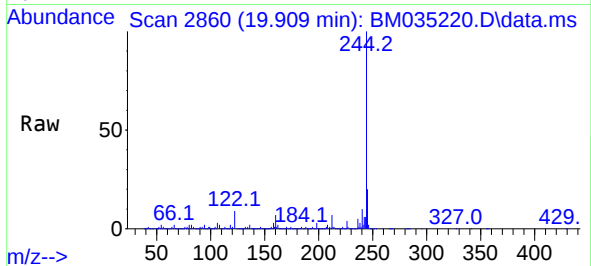




#79
 Terphenyl-d14
 Concen: 106.323 ng
 RT: 19.909 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035220.D
 Acq: 24 May 2022 15:43

Instrument :
 BNA_M
 ClientSampleId :
 TGMP-3

Tgt Ion:244 Resp: 3316601
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 8.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.850 min Scan# 3530
 Delta R.T. -0.006 min
 Lab File: BM035220.D
 Acq: 24 May 2022 15:43

Tgt Ion:264 Resp: 649868
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 22.1 17.5 26.3

