

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052322\
 Data File : BM035203.D
 Acq On : 23 May 2022 20:36
 Operator : CG/JU
 Sample : N2974-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P007-SS002-1824-01

Quant Time: May 24 03:17:56 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	7.899	152	130129	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	490658	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	301151	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	649245	20.000	ng	0.00
76) Chrysene-d12	21.462	240	693170	20.000	ng	#-0.01
86) Perylene-d12	23.845	264	742625	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	679933	92.182	ng	0.00
7) Phenol-d6	7.069	99	862594	90.590	ng	0.00
23) Nitrobenzene-d5	9.057	82	560466	61.685	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	367308	112.124	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1212776	58.461	ng	0.00
79) Terphenyl-d14	19.904	244	1920453	53.643	ng	-0.01

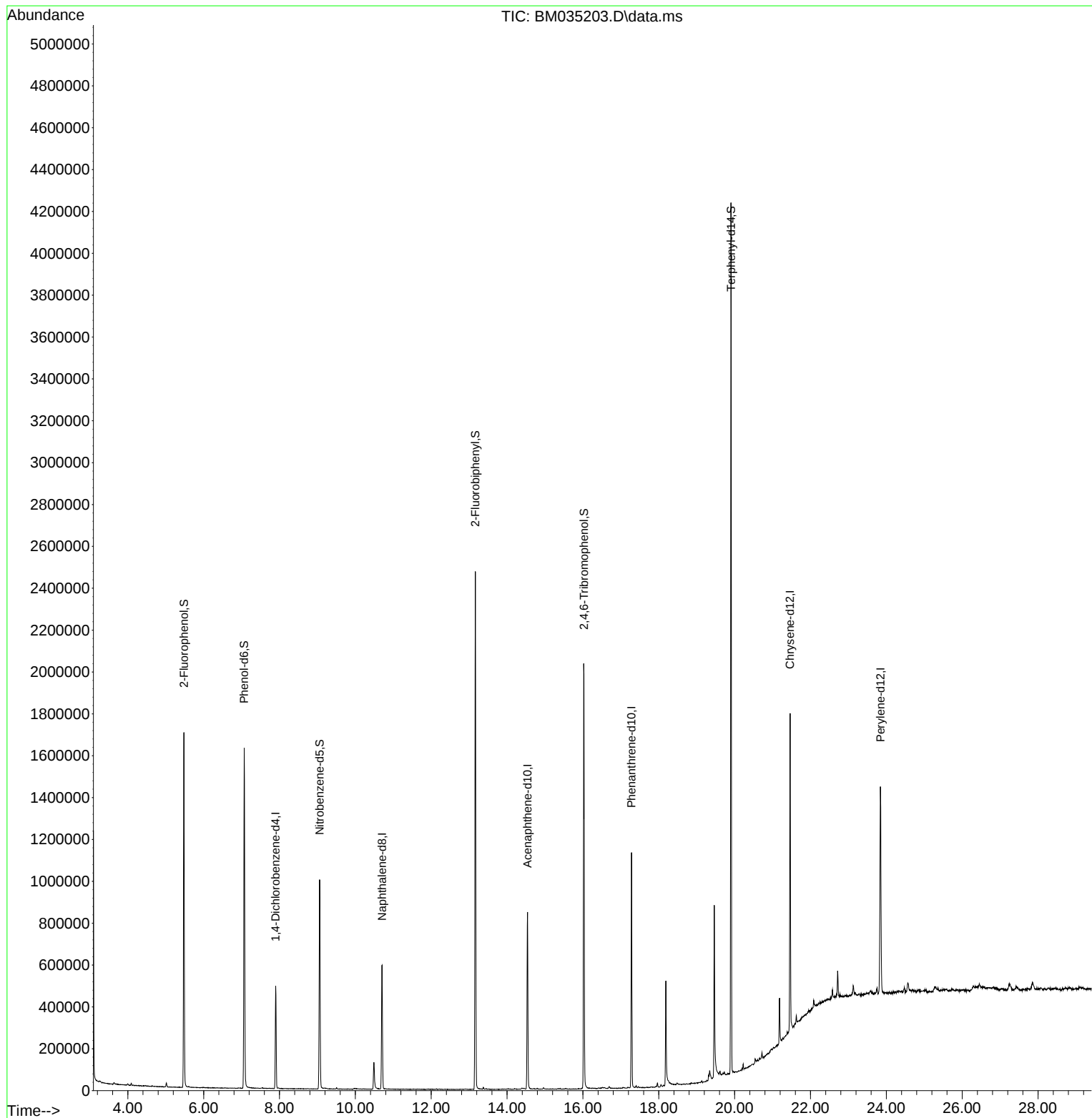
Target Compounds	Qvalue

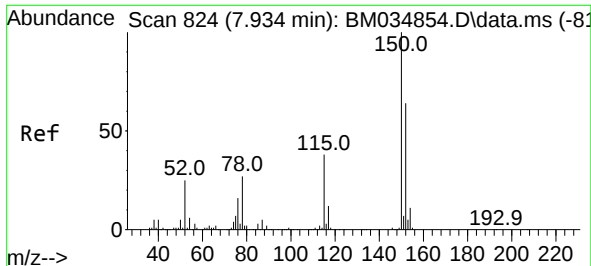
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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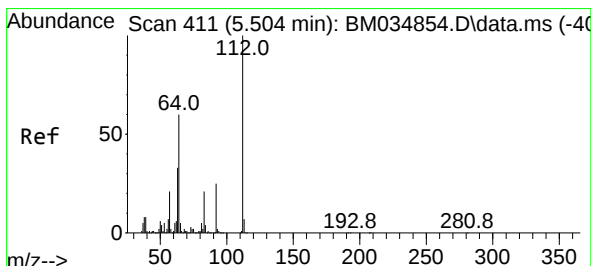
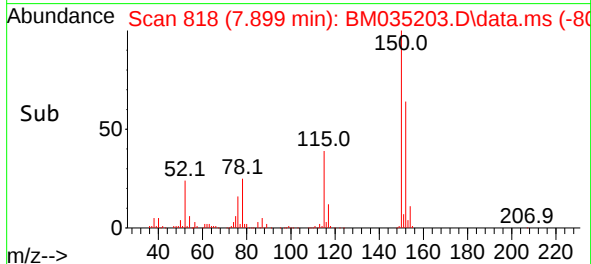
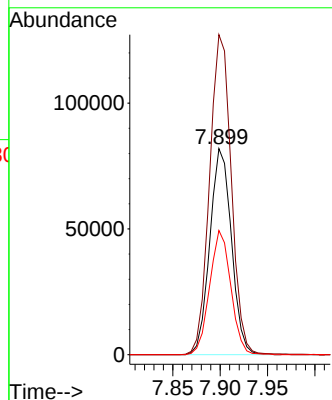
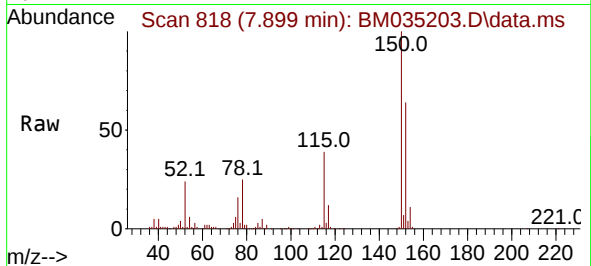




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM035203.D
Acq: 23 May 2022 20:36

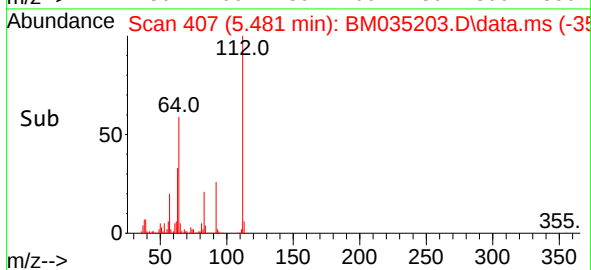
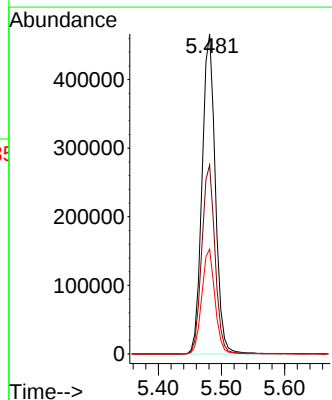
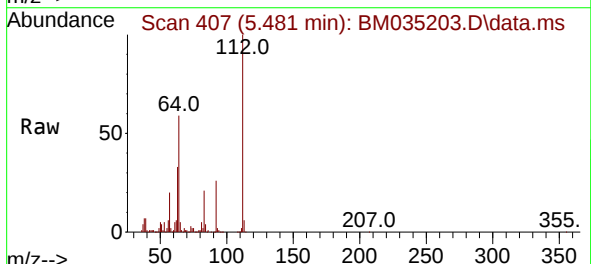
Instrument :
BNA_M
ClientSampleId :
P007-SS002-1824-01

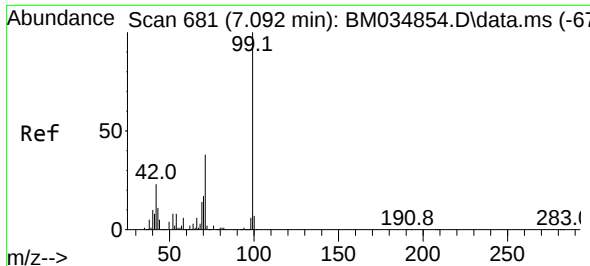
Tgt Ion:152 Resp: 130129
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 60.2 47.9 71.9



#5
2-Fluorophenol
Concen: 92.182 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM035203.D
Acq: 23 May 2022 20:36

Tgt Ion:112 Resp: 679933
Ion Ratio Lower Upper
112 100
64 59.0 47.8 71.6
63 32.8 26.6 40.0

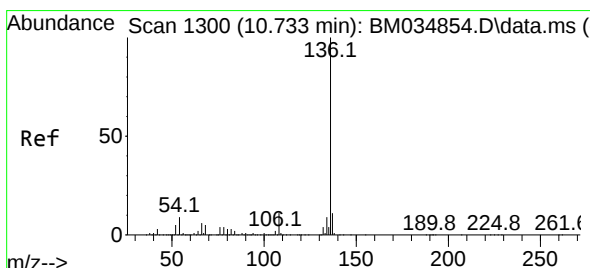
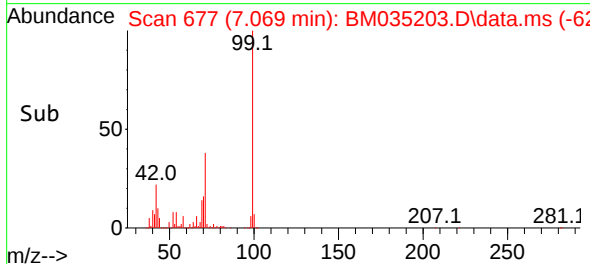
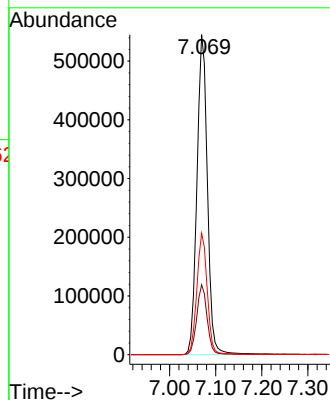
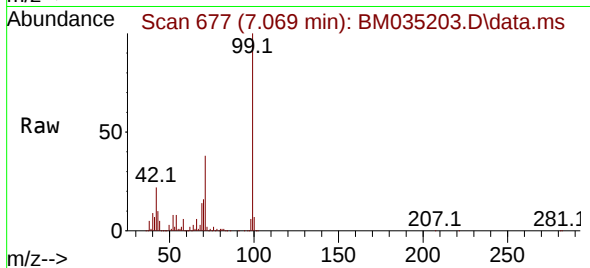




#7
Phenol-d6
Concen: 90.590 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035203.D
Acq: 23 May 2022 20:36

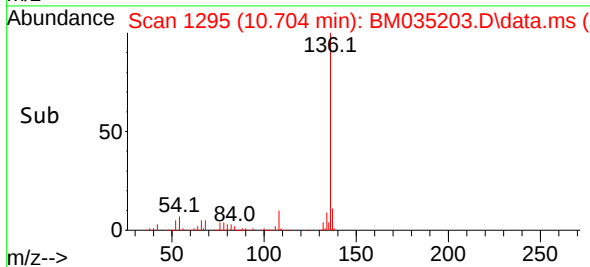
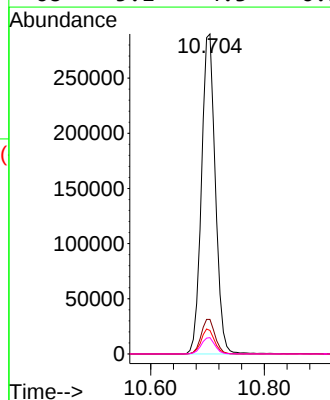
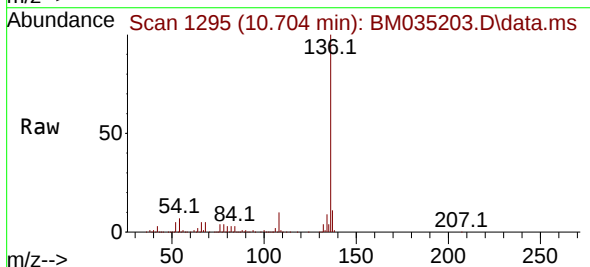
Instrument :
BNA_M
ClientSampleId :
P007-SS002-1824-01

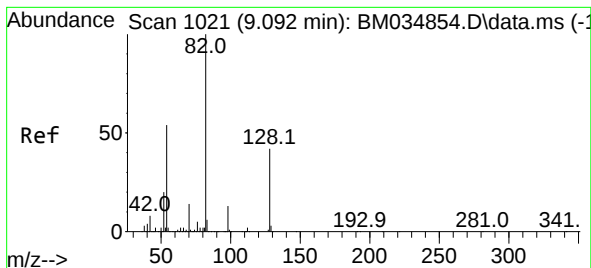
Tgt Ion: 99 Resp: 862594
Ion Ratio Lower Upper
99 100
42 21.9 18.8 28.2
71 38.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM035203.D
Acq: 23 May 2022 20:36

Tgt Ion: 136 Resp: 490658
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.3 7.0 10.4
68 5.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 61.685 ng

RT: 9.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM035203.D

Acq: 23 May 2022 20:36

Instrument :

BNA_M

ClientSampleId :

P007-SS002-1824-01

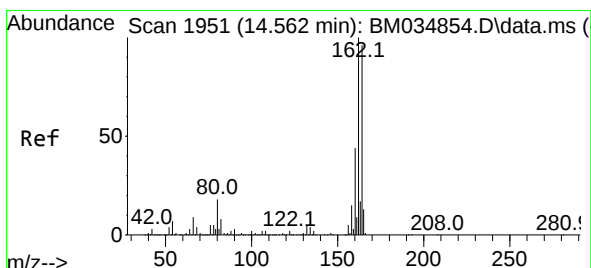
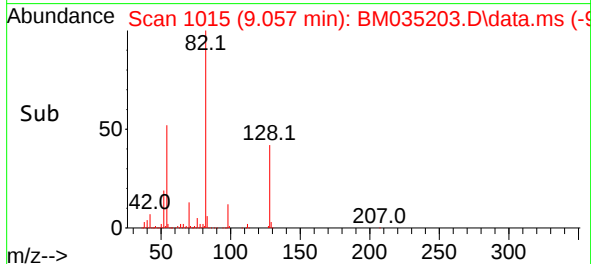
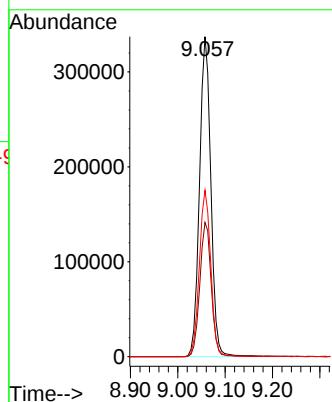
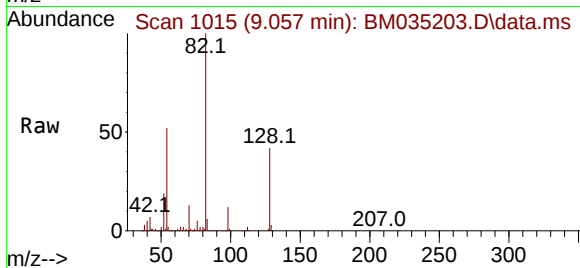
Tgt Ion: 82 Resp: 560466

Ion Ratio Lower Upper

82 100

128 42.0 33.7 50.5

54 52.0 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: BM035203.D

Acq: 23 May 2022 20:36

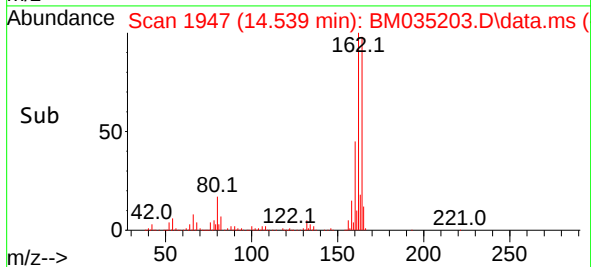
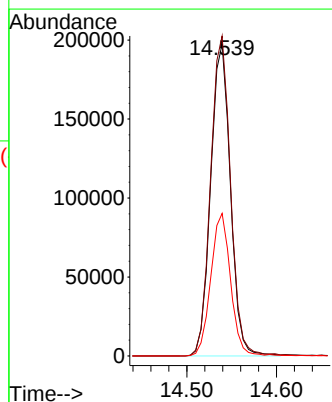
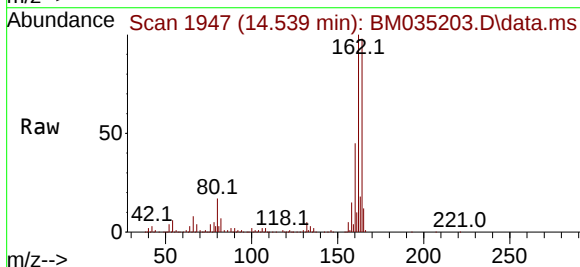
Tgt Ion: 164 Resp: 301151

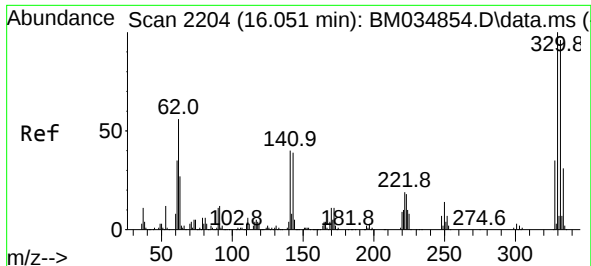
Ion Ratio Lower Upper

164 100

162 102.6 83.0 124.6

160 45.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 112.124 ng

RT: 16.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035203.D

Acq: 23 May 2022 20:36

Instrument :

BNA_M

ClientSampleId :

P007-SS002-1824-01

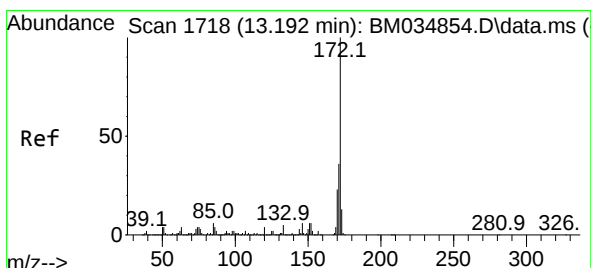
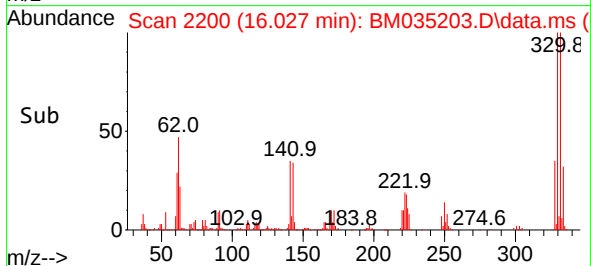
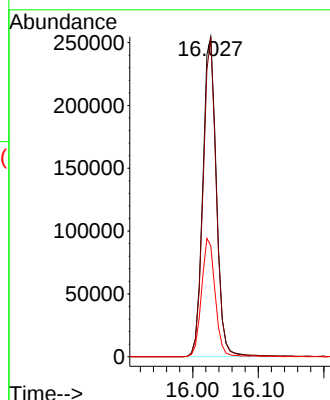
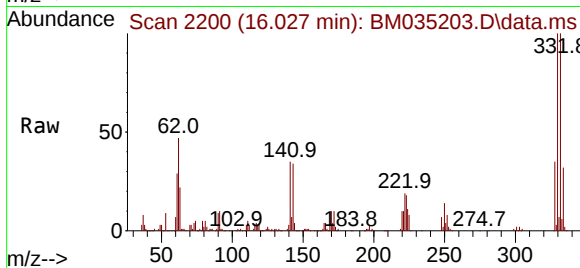
Tgt Ion:330 Resp: 367308

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.4

141 37.4 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 58.461 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BM035203.D

Acq: 23 May 2022 20:36

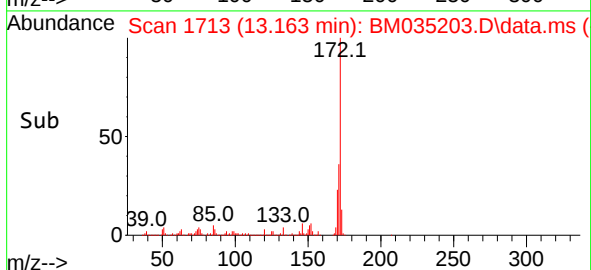
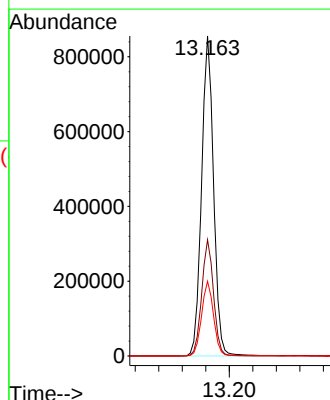
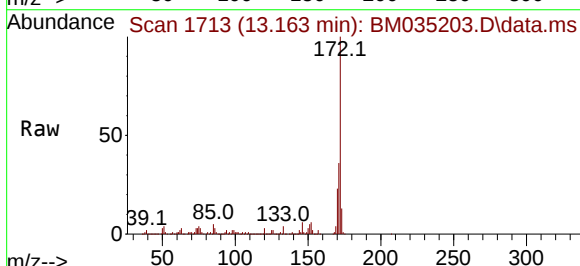
Tgt Ion:172 Resp: 1212776

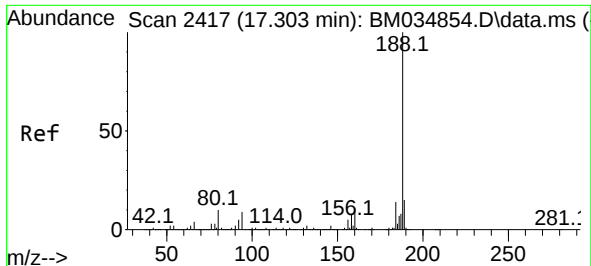
Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

170 23.3 18.7 28.1

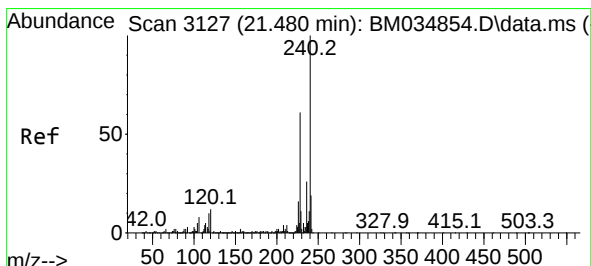
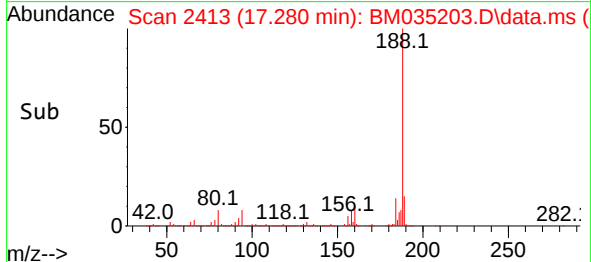
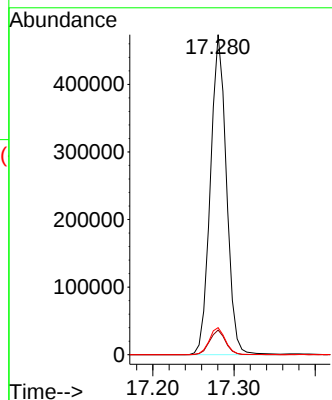
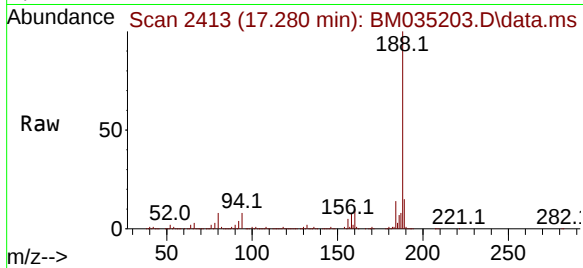




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM035203.D
Acq: 23 May 2022 20:36

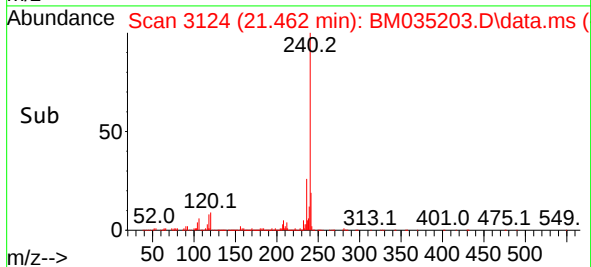
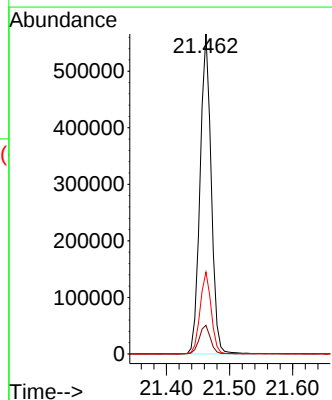
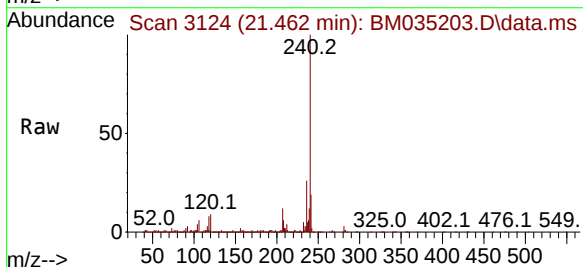
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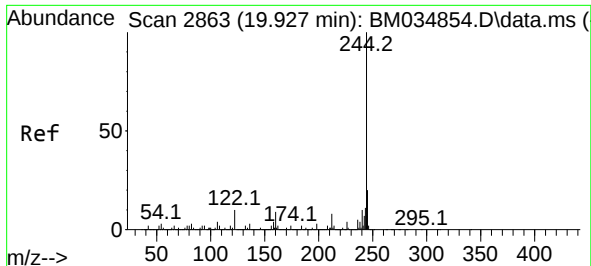
Tgt Ion:188 Resp: 649245
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 8.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM035203.D
Acq: 23 May 2022 20:36

Tgt Ion:240 Resp: 693170
Ion Ratio Lower Upper
240 100
120 9.0 9.4 14.0#
236 25.6 20.6 30.8

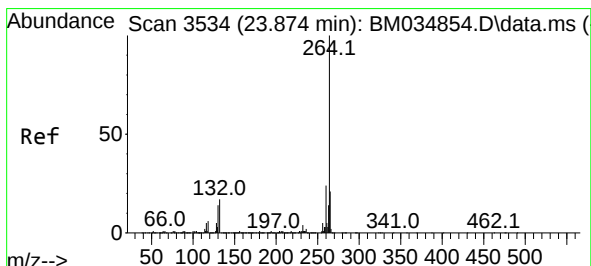
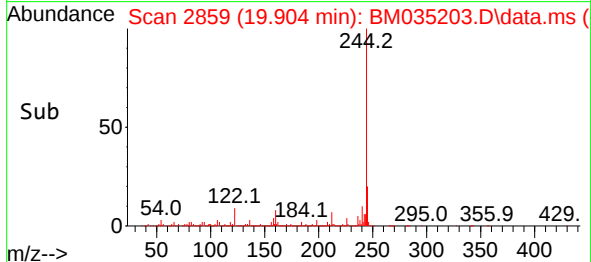
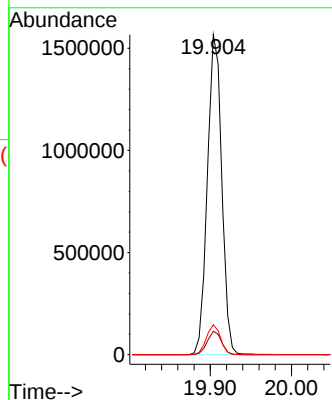
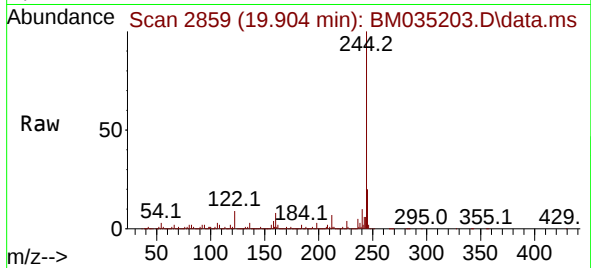




#79
 Terphenyl-d14
 Concen: 53.643 ng
 RT: 19.904 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM035203.D
 Acq: 23 May 2022 20:36

Instrument :
 BNA_M
 ClientSampleId :
 P007-SS002-1824-01

Tgt Ion:244 Resp: 1920453
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 9.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.845 min Scan# 3529
 Delta R.T. -0.012 min
 Lab File: BM035203.D
 Acq: 23 May 2022 20:36

Tgt Ion:264 Resp: 742625
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 21.9 17.5 26.3

