

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
 Data File : BM035250.D
 Acq On : 25 May 2022 20:22
 Operator : CG/JU
 Sample : N2896-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P038-SS001-1824-01

Quant Time: May 26 04:56:10 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	7.887	152	83064	20.000	ng	-0.02
21) Naphthalene-d8	10.686	136	312968	20.000	ng	#-0.02
39) Acenaphthene-d10	14.527	164	202601	20.000	ng	-0.02
64) Phenanthrene-d10	17.268	188	461292	20.000	ng	#-0.02
76) Chrysene-d12	21.450	240	552239	20.000	ng	#-0.02
86) Perylene-d12	23.827	264	608162	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	427367	90.770	ng	-0.01
7) Phenol-d6	7.057	99	539323	88.732	ng	-0.02
23) Nitrobenzene-d5	9.045	82	334179	57.662	ng	-0.02
42) 2,4,6-Tribromophenol	16.015	330	293653	133.243	ng	-0.02
45) 2-Fluorobiphenyl	13.151	172	917618	65.749	ng	-0.02
79) Terphenyl-d14	19.892	244	1756360	61.580	ng	-0.02

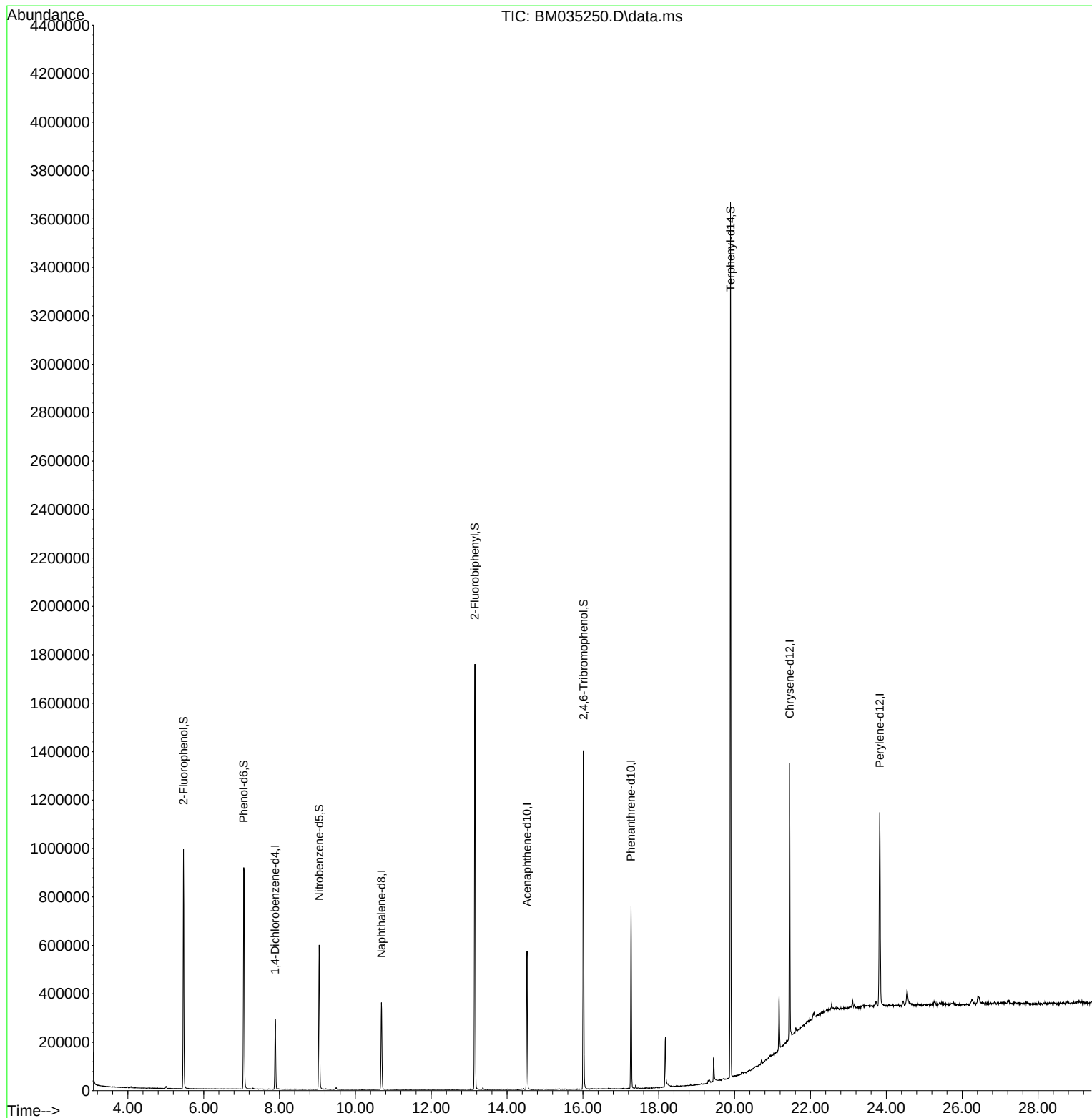
Target Compounds	Qvalue

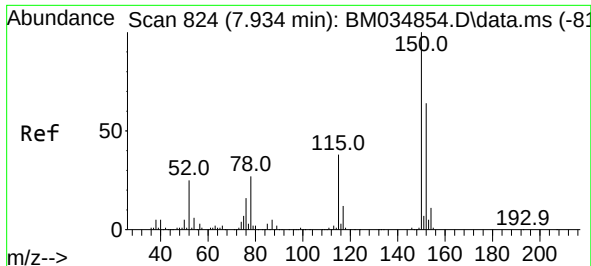
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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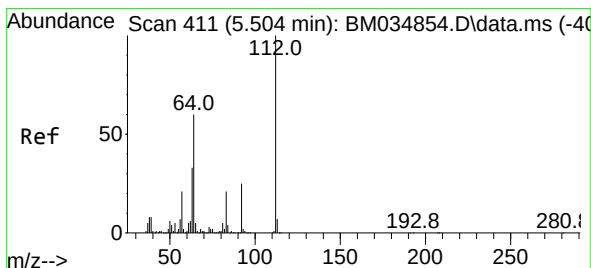
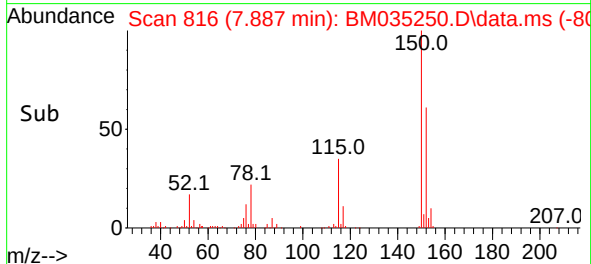
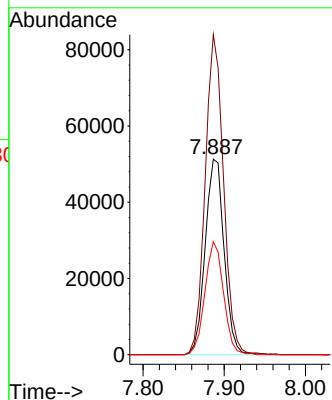
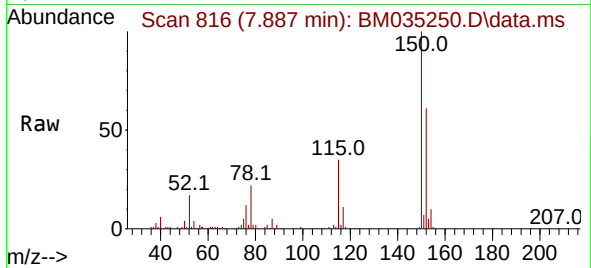




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.017 min
Lab File: BM035250.D
Acq: 25 May 2022 20:22

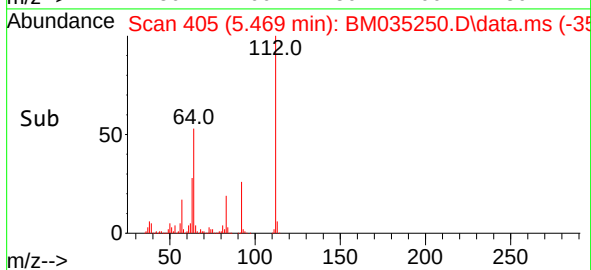
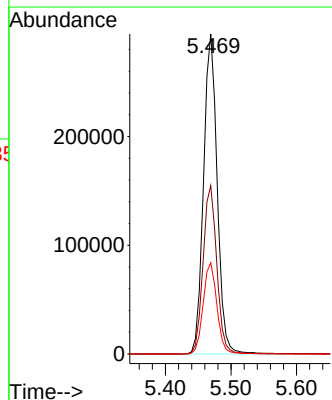
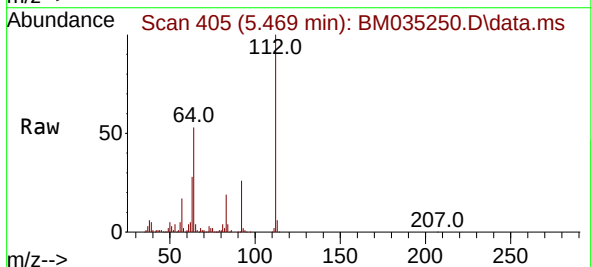
Instrument :
BNA_M
ClientSampleId :
P038-SS001-1824-01

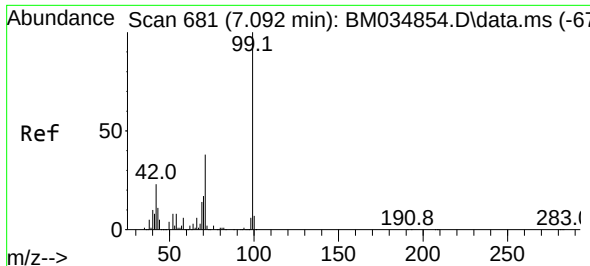
Tgt Ion:152 Resp: 83064
Ion Ratio Lower Upper
152 100
150 163.7 124.9 187.3
115 57.8 47.9 71.9



#5
2-Fluorophenol
Concen: 90.770 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.012 min
Lab File: BM035250.D
Acq: 25 May 2022 20:22

Tgt Ion:112 Resp: 427367
Ion Ratio Lower Upper
112 100
64 52.6 47.8 71.6
63 28.5 26.6 40.0

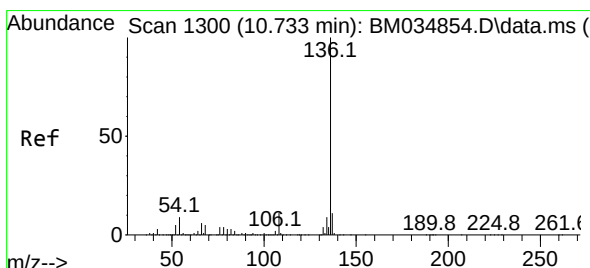
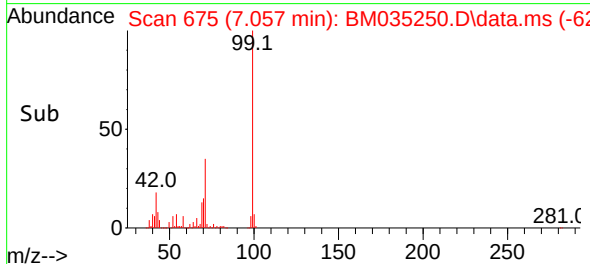
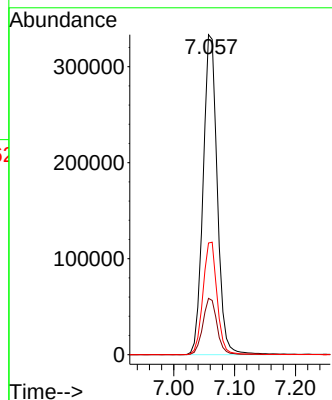
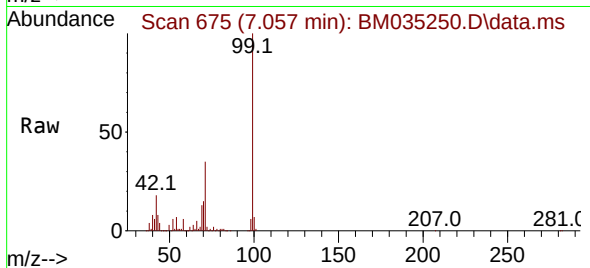




#7
Phenol-d6
Concen: 88.732 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM035250.D
Acq: 25 May 2022 20:22

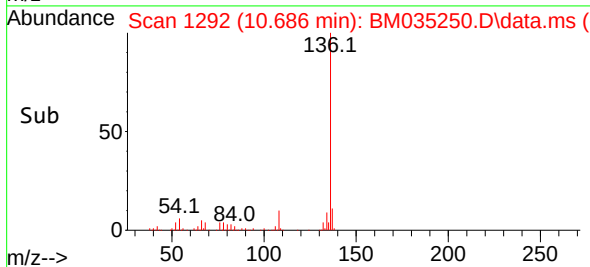
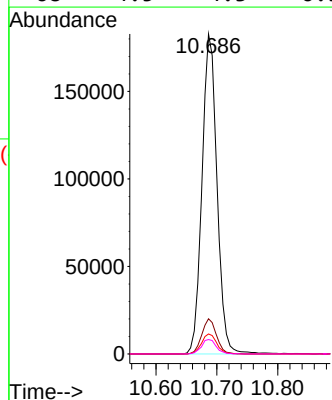
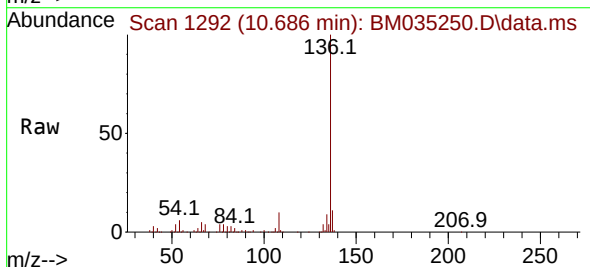
Instrument :
BNA_M
ClientSampleId :
P038-SS001-1824-01

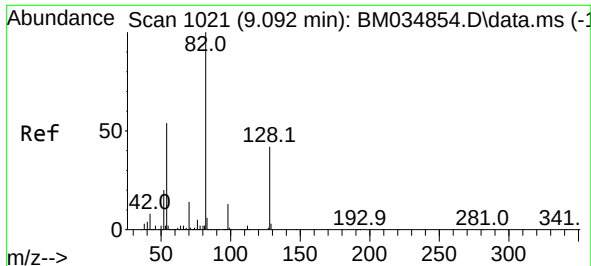
Tgt Ion: 99 Resp: 539323
Ion Ratio Lower Upper
99 100
42 17.6 18.8 28.2#
71 34.9 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.686 min Scan# 1292
Delta R.T. -0.024 min
Lab File: BM035250.D
Acq: 25 May 2022 20:22

Tgt Ion: 136 Resp: 312968
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.3 7.0 10.4#
68 4.5 4.3 6.5

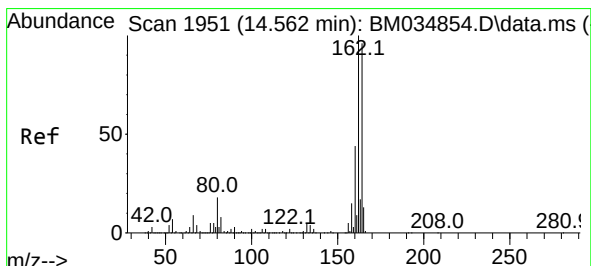
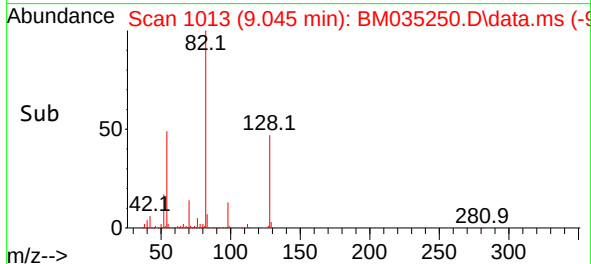
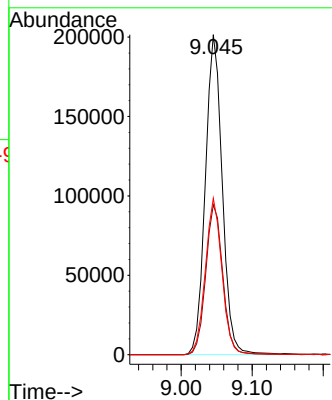
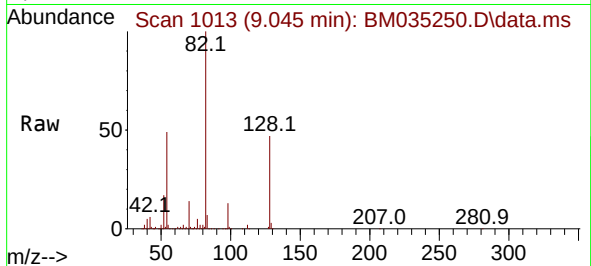




#23
Nitrobenzene-d5
Concen: 57.662 ng
RT: 9.045 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BM035250.D
Acq: 25 May 2022 20:22

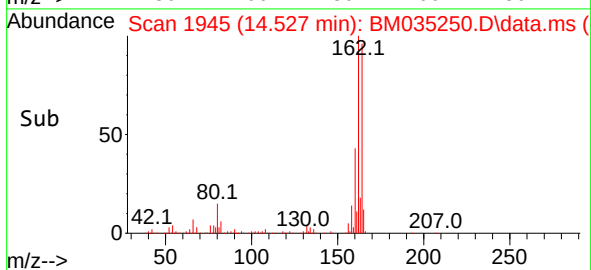
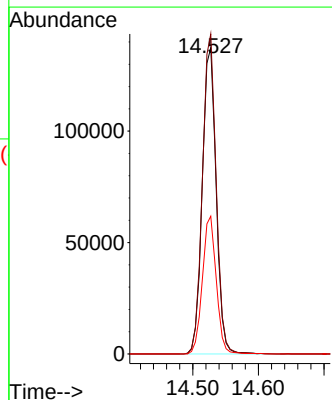
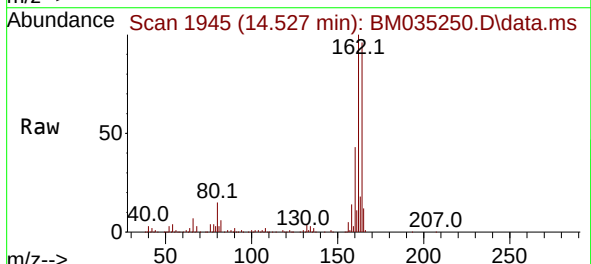
Instrument :
BNA_M
ClientSampleId :
P038-SS001-1824-01

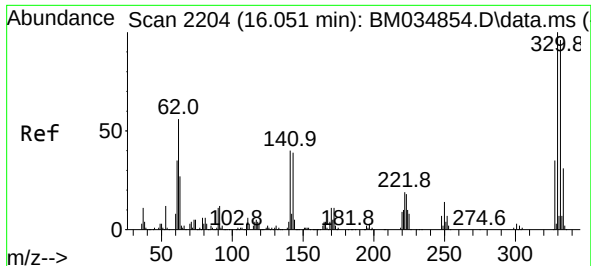
Tgt Ion: 82 Resp: 334179
Ion Ratio Lower Upper
82 100
128 46.9 33.7 50.5
54 48.9 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.527 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM035250.D
Acq: 25 May 2022 20:22

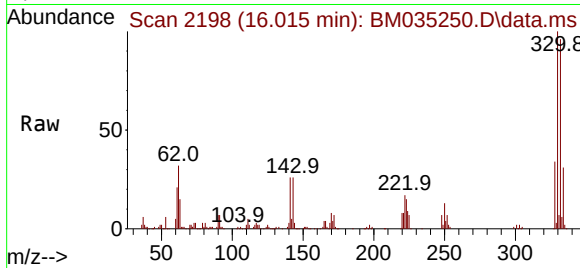
Tgt Ion:164 Resp: 202601
Ion Ratio Lower Upper
164 100
162 104.5 83.0 124.6
160 45.0 37.0 55.4



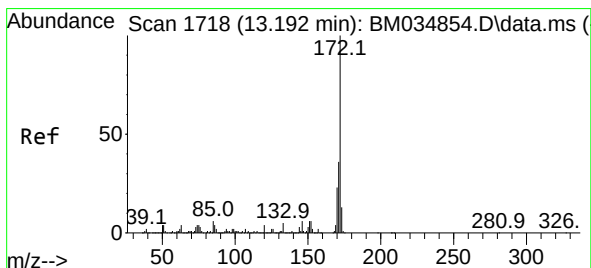
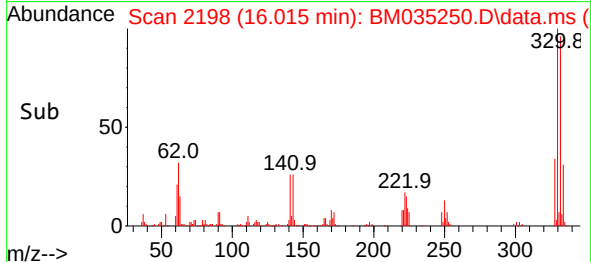
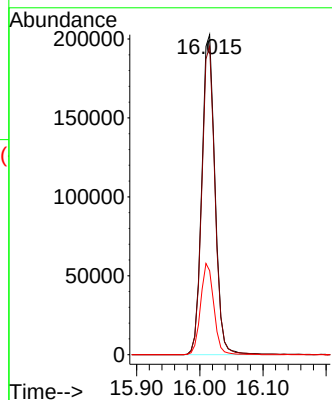


#42
2,4,6-Tribromophenol
Concen: 133.243 ng
RT: 16.015 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM035250.D
Acq: 25 May 2022 20:22

Instrument :
BNA_M
ClientSampleId :
P038-SS001-1824-01

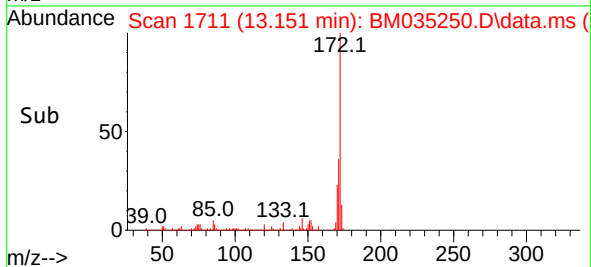
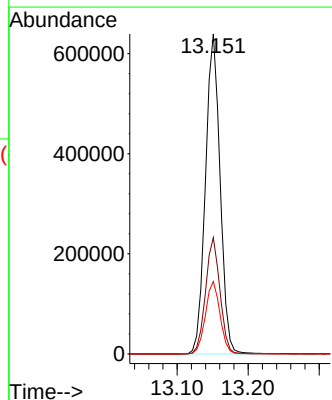
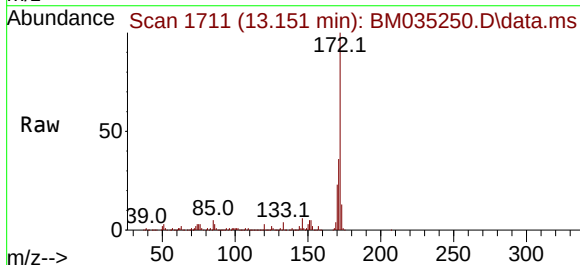


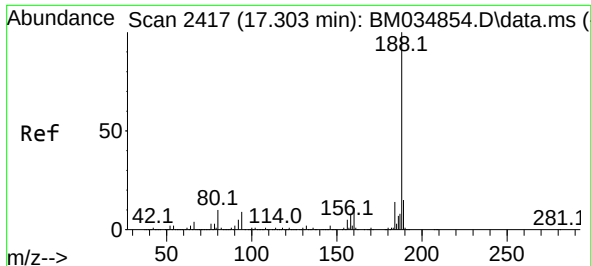
Tgt Ion:330 Resp: 293653
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 28.5 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 65.749 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM035250.D
Acq: 25 May 2022 20:22

Tgt Ion:172 Resp: 917618
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 22.7 18.7 28.1

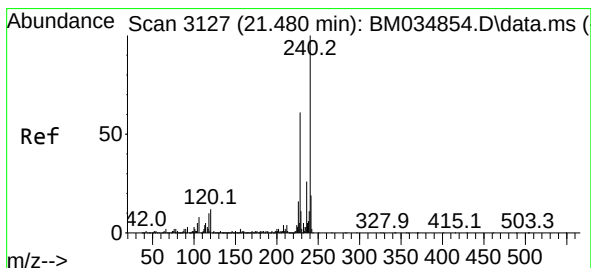
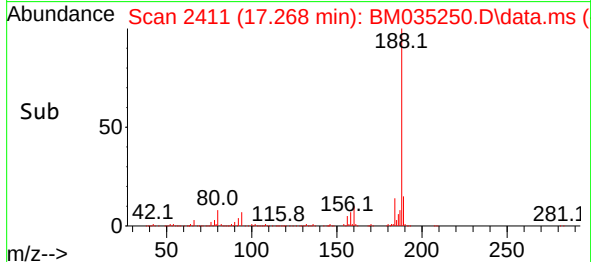
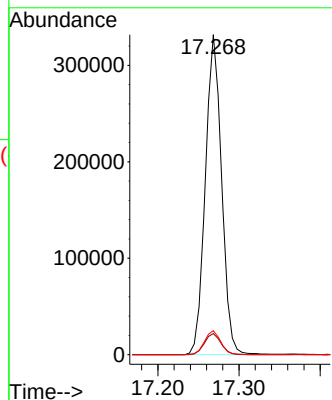
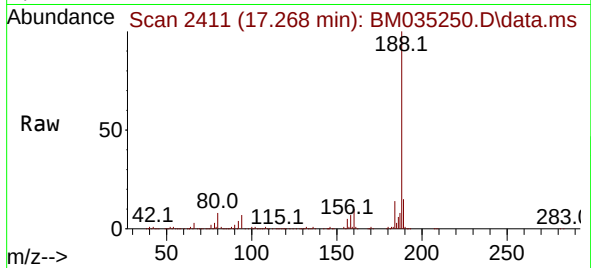




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 2417
Delta R.T. -0.018 min
Lab File: BM035250.D
Acq: 25 May 2022 20:22

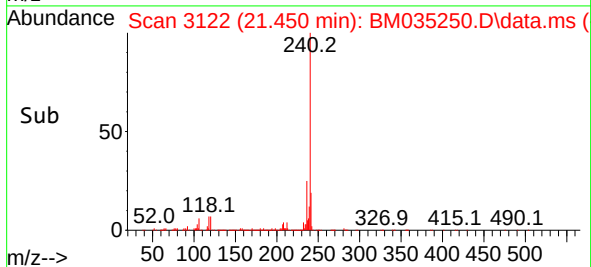
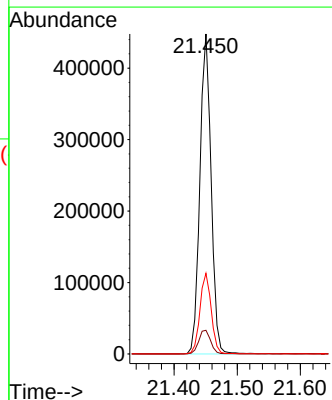
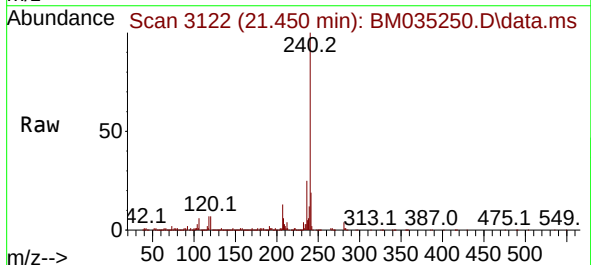
Instrument :
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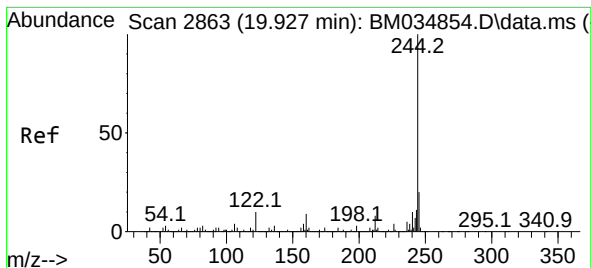
Tgt Ion:188 Resp: 461292
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.4#
80 7.5 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3122
Delta R.T. -0.024 min
Lab File: BM035250.D
Acq: 25 May 2022 20:22

Tgt Ion:240 Resp: 552239
Ion Ratio Lower Upper
240 100
120 7.4 9.4 14.0#
236 25.2 20.6 30.8





#79

Terphenyl-d14

Concen: 61.580 ng

RT: 19.892 min Scan# 21

Delta R.T. -0.024 min

Lab File: BM035250.D

Acq: 25 May 2022 20:22

Instrument :

BNA_M

ClientSampleId :

P038-SS001-1824-01

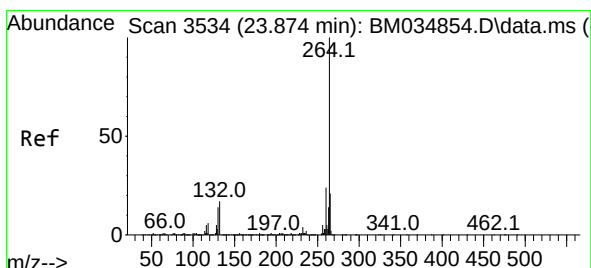
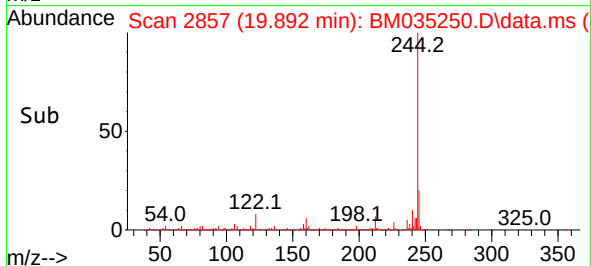
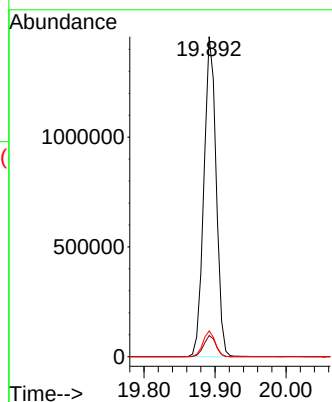
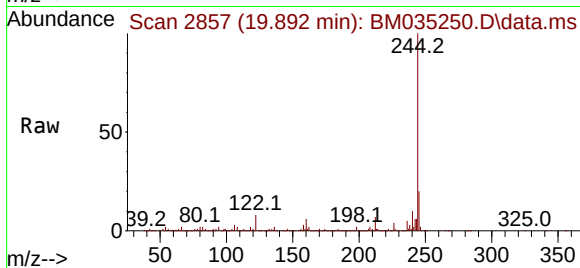
Tgt Ion:244 Resp: 1756360

Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.4

122 8.1 8.3 12.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3526

Delta R.T. -0.030 min

Lab File: BM035250.D

Acq: 25 May 2022 20:22

Tgt Ion:264 Resp: 608162

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 22.5 17.5 26.3

