

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
 Data File : BM035257.D
 Acq On : 26 May 2022 00:34
 Operator : CG/JU
 Sample : N2895-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P030-SS001-1824-01

Quant Time: May 26 04:57:38 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	111998	20.000	ng	-0.02
21) Naphthalene-d8	10.686	136	435674	20.000	ng	-0.02
39) Acenaphthene-d10	14.522	164	279434	20.000	ng	-0.02
64) Phenanthrene-d10	17.268	188	579560	20.000	ng	-0.02
76) Chrysene-d12	21.450	240	643492	20.000	ng	#-0.02
86) Perylene-d12	23.821	264	668326	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	669271	105.425	ng	-0.01
7) Phenol-d6	7.057	99	845644	103.187	ng	-0.02
23) Nitrobenzene-d5	9.045	82	546927	67.791	ng	-0.02
42) 2,4,6-Tribromophenol	16.010	330	344750	113.417	ng	-0.02
45) 2-Fluorobiphenyl	13.151	172	1301853	67.632	ng	-0.02
79) Terphenyl-d14	19.892	244	2045543	61.548	ng	-0.02

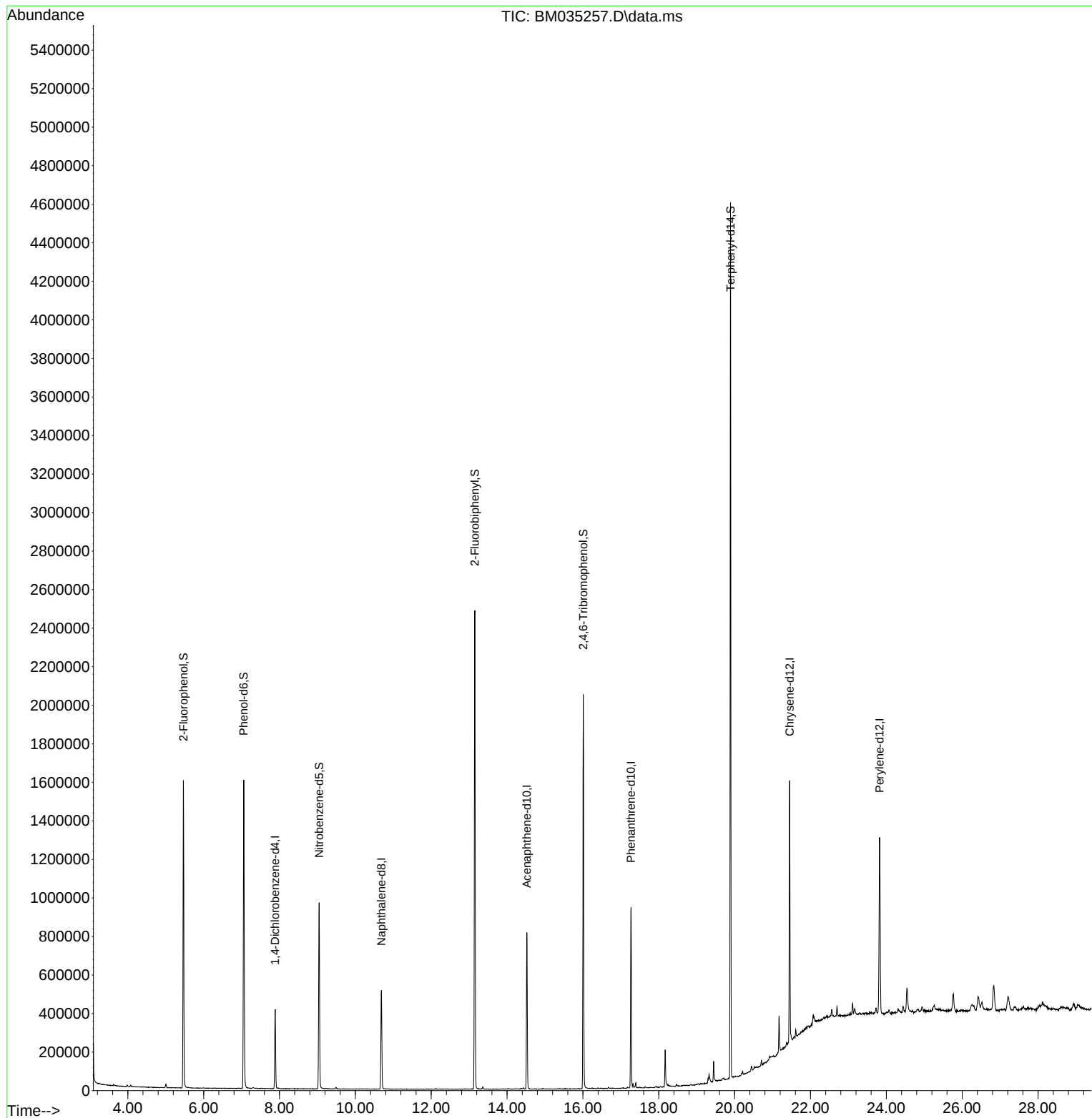
Target Compounds	Qvalue

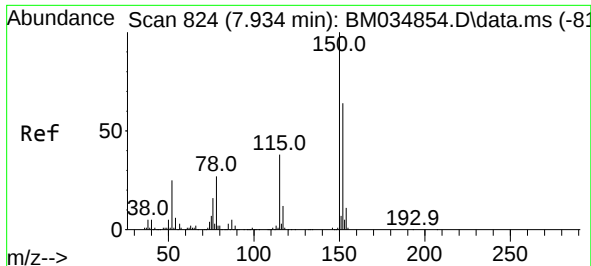
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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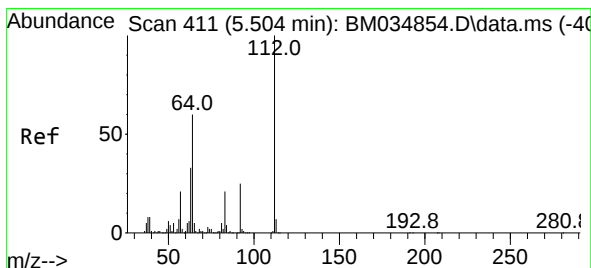
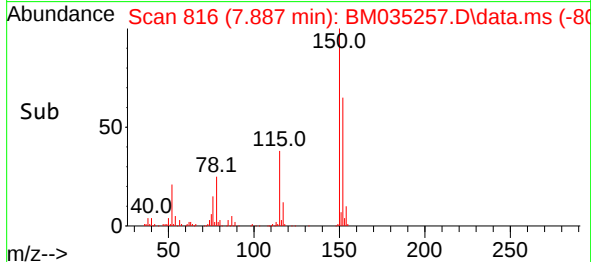
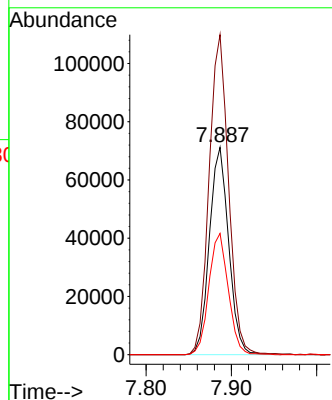
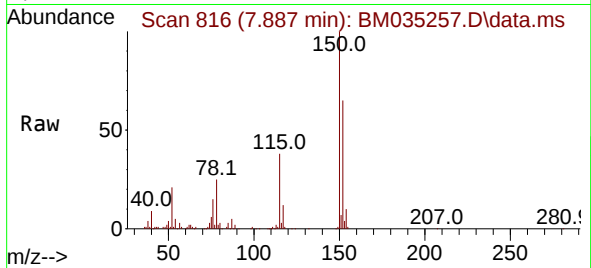




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.017 min
Lab File: BM035257.D
Acq: 26 May 2022 00:34

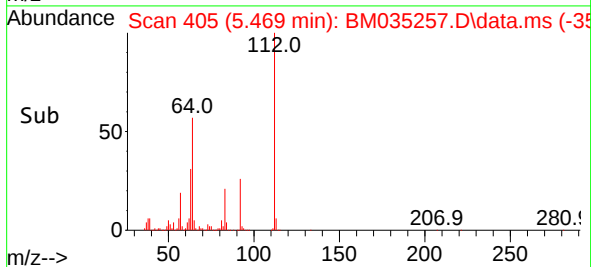
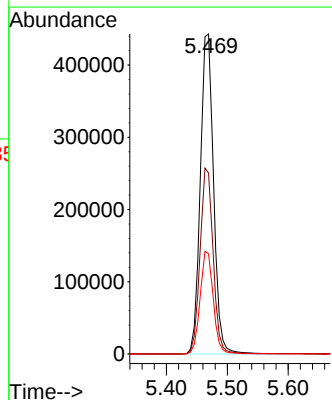
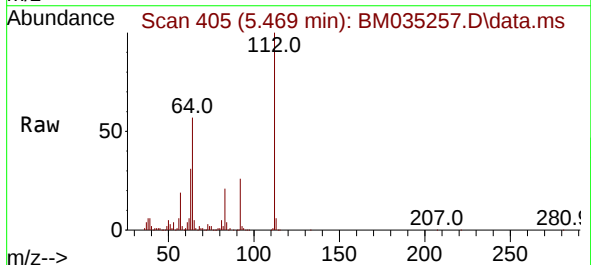
Instrument :
BNA_M
ClientSampleId :
P030-SS001-1824-01

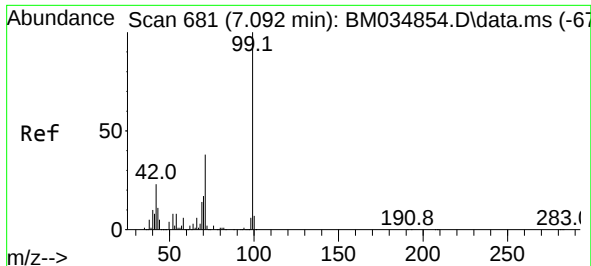
Tgt Ion:152 Resp: 111998
Ion Ratio Lower Upper
152 100
150 154.3 124.9 187.3
115 58.5 47.9 71.9



#5
2-Fluorophenol
Concen: 105.425 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.012 min
Lab File: BM035257.D
Acq: 26 May 2022 00:34

Tgt Ion:112 Resp: 669271
Ion Ratio Lower Upper
112 100
64 56.6 47.8 71.6
63 31.3 26.6 40.0

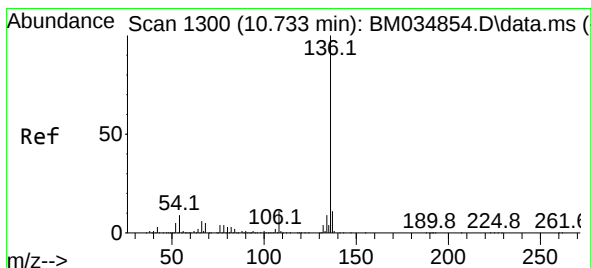
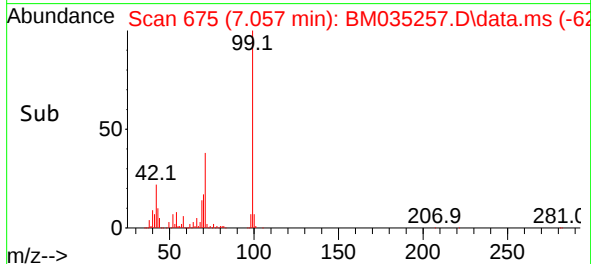
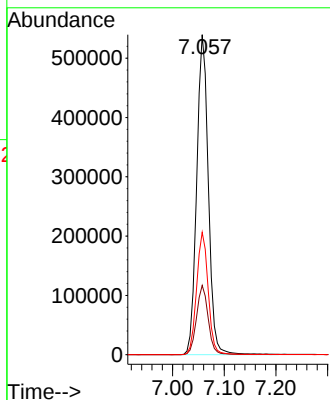
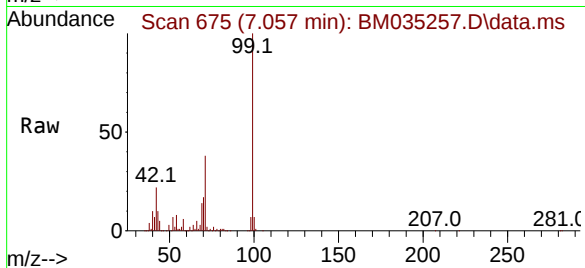




#7
Phenol-d6
Concen: 103.187 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM035257.D
Acq: 26 May 2022 00:34

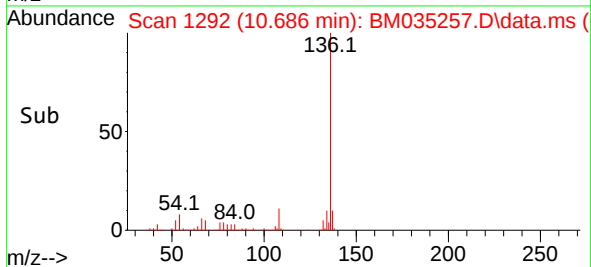
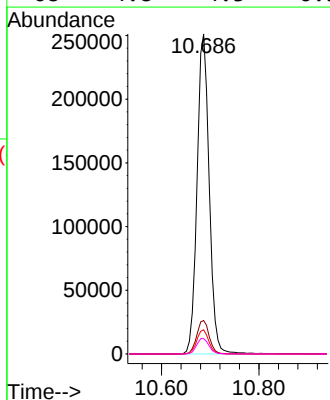
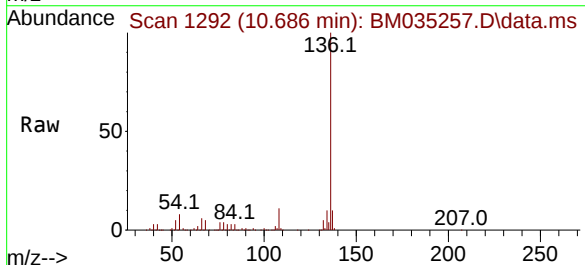
Instrument :
BNA_M
ClientSampleId :
P030-SS001-1824-01

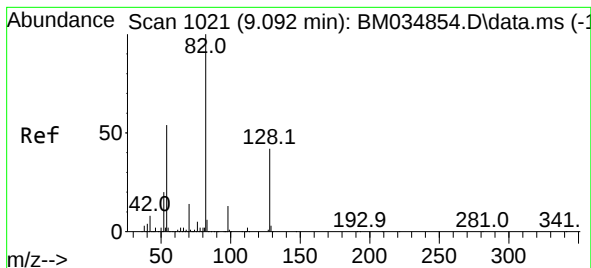
Tgt Ion: 99 Resp: 845644
Ion Ratio Lower Upper
99 100
42 21.7 18.8 28.2
71 38.3 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.686 min Scan# 1292
Delta R.T. -0.024 min
Lab File: BM035257.D
Acq: 26 May 2022 00:34

Tgt Ion: 136 Resp: 435674
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.6 7.0 10.4
68 4.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 67.791 ng

RT: 9.045 min Scan# 1013

Delta R.T. -0.018 min

Lab File: BM035257.D

Acq: 26 May 2022 00:34

Instrument :

BNA_M

ClientSampleId :

P030-SS001-1824-01

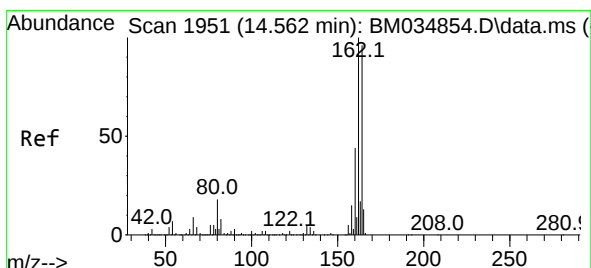
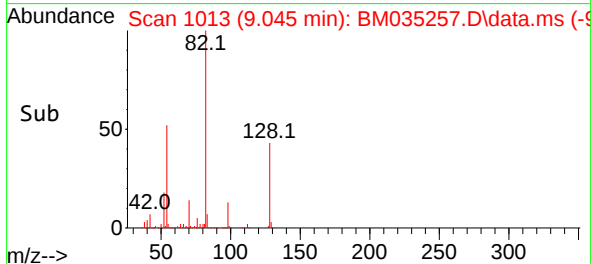
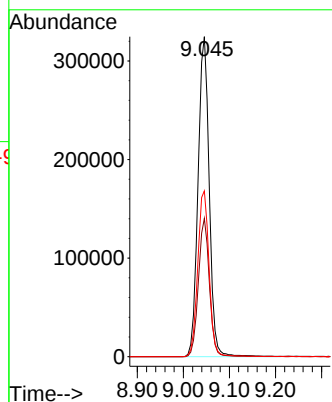
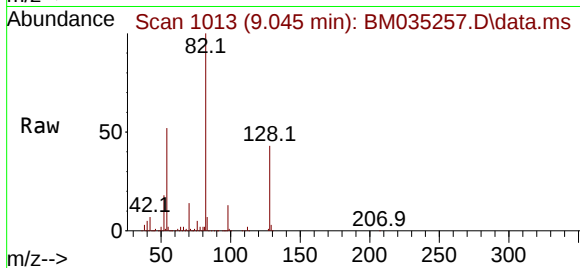
Tgt Ion: 82 Resp: 546927

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: 14.522 min Scan# 1944

Delta R.T. -0.024 min

Lab File: BM035257.D

Acq: 26 May 2022 00:34

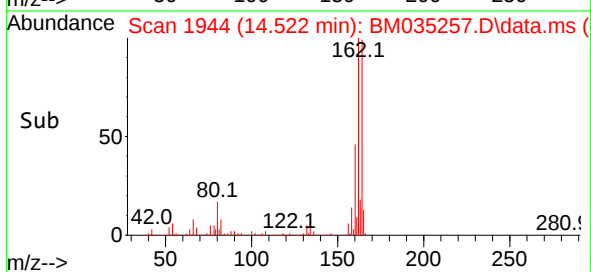
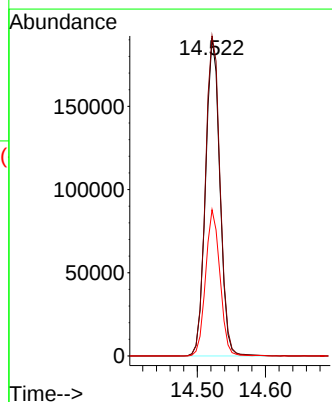
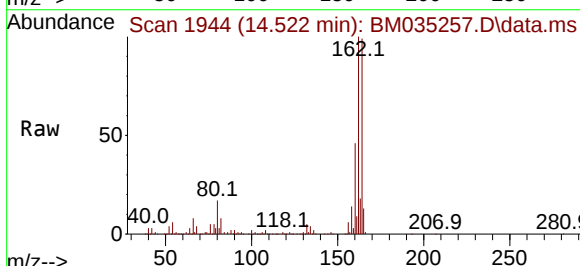
Tgt Ion:164 Resp: 279434

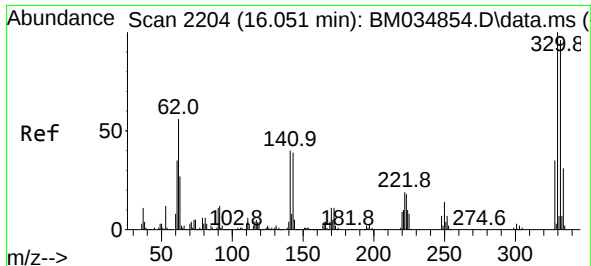
Ion Ratio Lower Upper

164 100

162 100.6 83.0 124.6

160 46.0 37.0 55.4

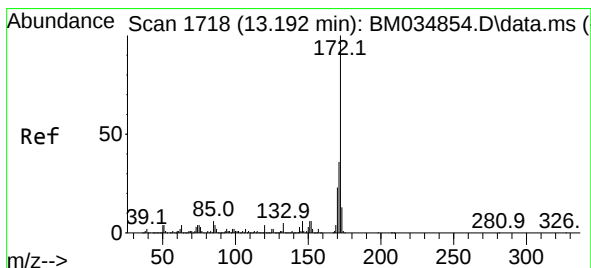
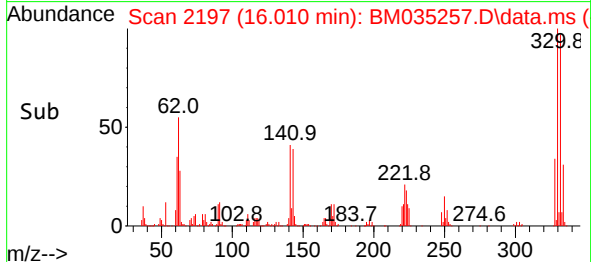
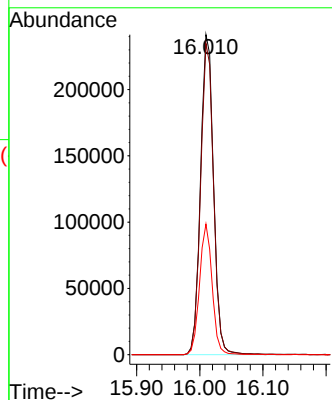
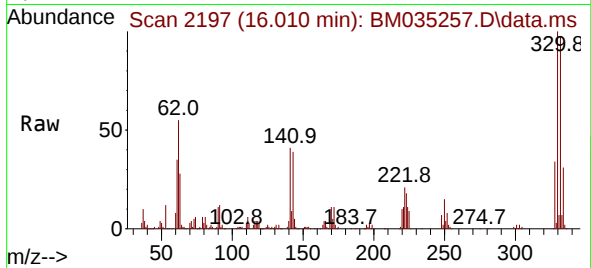




#42
2,4,6-Tribromophenol
Concen: 113.417 ng
RT: 16.010 min Scan# 21
Delta R.T. -0.024 min
Lab File: BM035257.D
Acq: 26 May 2022 00:34

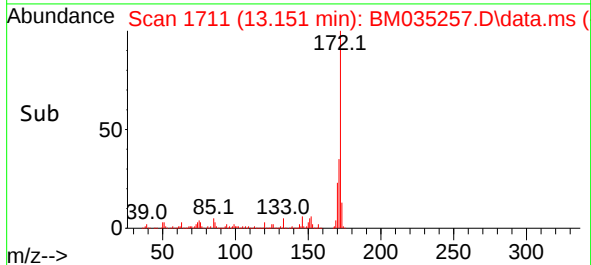
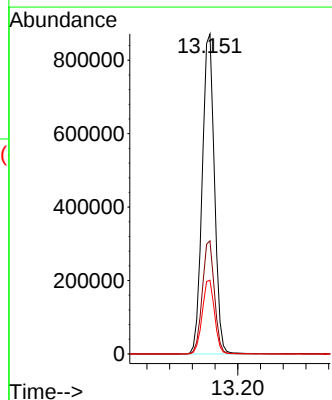
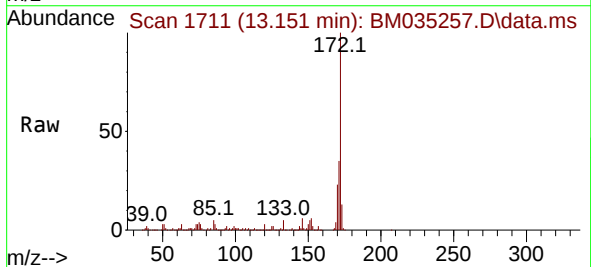
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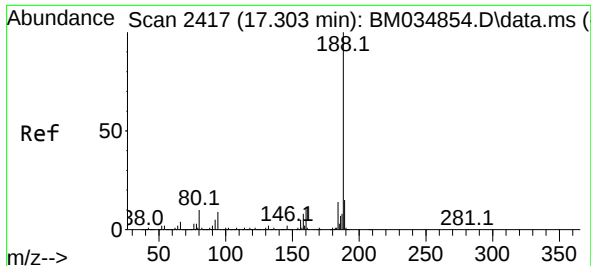
Tgt Ion:330 Resp: 344750
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 39.5 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 67.632 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM035257.D
Acq: 26 May 2022 00:34

Tgt Ion:172 Resp: 1301853
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.0 18.7 28.1

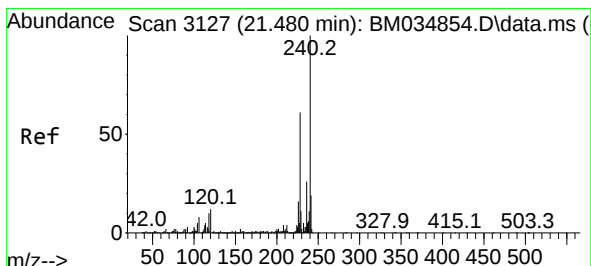
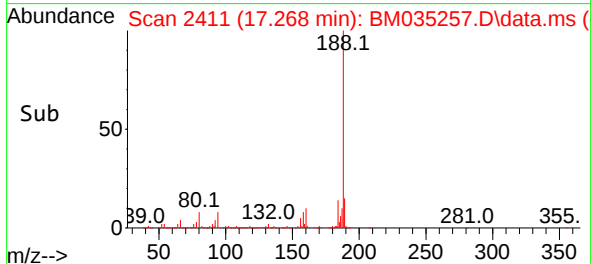
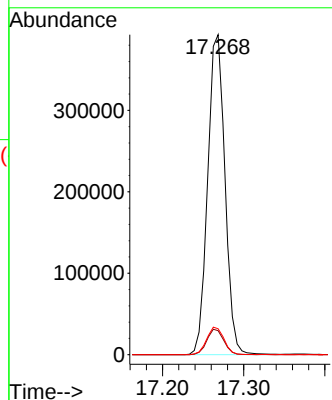
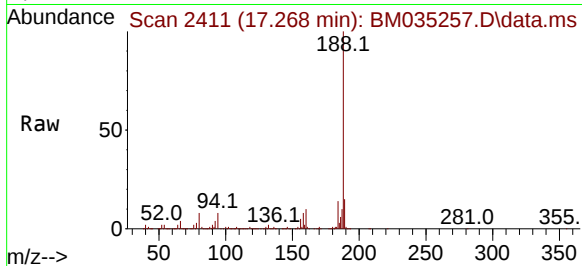




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 2417
Delta R.T. -0.018 min
Lab File: BM035257.D
Acq: 26 May 2022 00:34

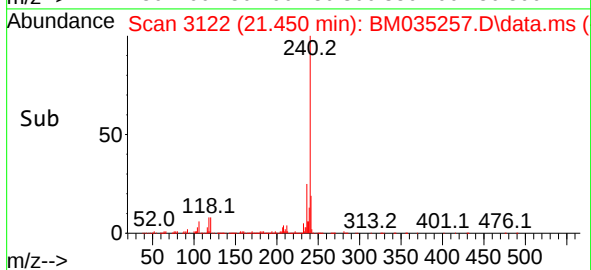
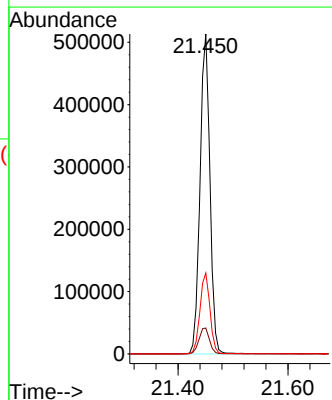
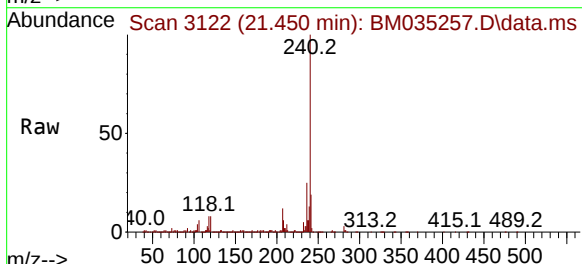
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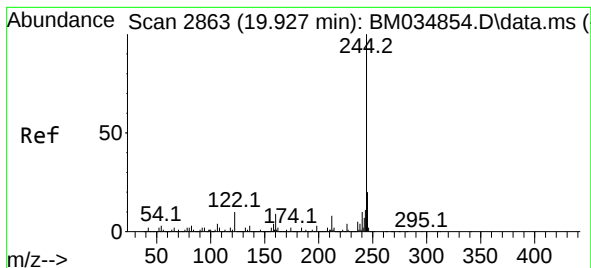
Tgt Ion:188 Resp: 579560
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.4
80 8.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3122
Delta R.T. -0.024 min
Lab File: BM035257.D
Acq: 26 May 2022 00:34

Tgt Ion:240 Resp: 643492
Ion Ratio Lower Upper
240 100
120 8.1 9.4 14.0#
236 25.3 20.6 30.8





#79

Terphenyl-d14

Concen: 61.548 ng

RT: 19.892 min Scan# 21

Delta R.T. -0.024 min

Lab File: BM035257.D

Acq: 26 May 2022 00:34

Instrument :

BNA_M

ClientSampleId :

P030-SS001-1824-01

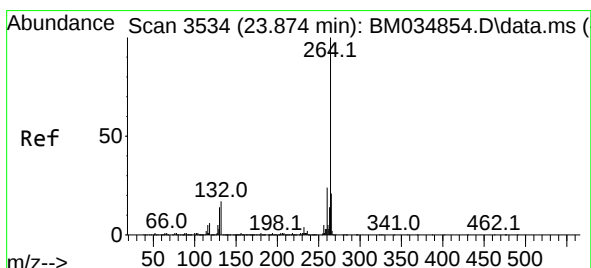
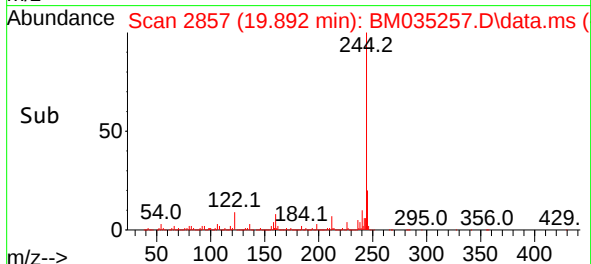
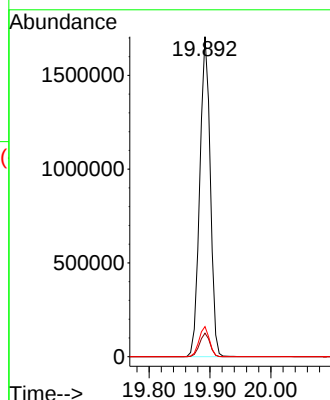
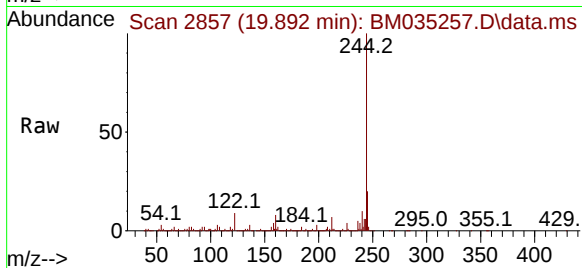
Tgt Ion:244 Resp: 2045543

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: 23.821 min Scan# 3525

Delta R.T. -0.035 min

Lab File: BM035257.D

Acq: 26 May 2022 00:34

Tgt Ion:264 Resp: 668326

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 23.3 17.5 26.3

