

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041190.D
 Acq On : 31 Jul 2023 15:34
 Operator : MA/JU
 Sample : 03742-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P33A

Quant Time: Jul 31 17:36:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

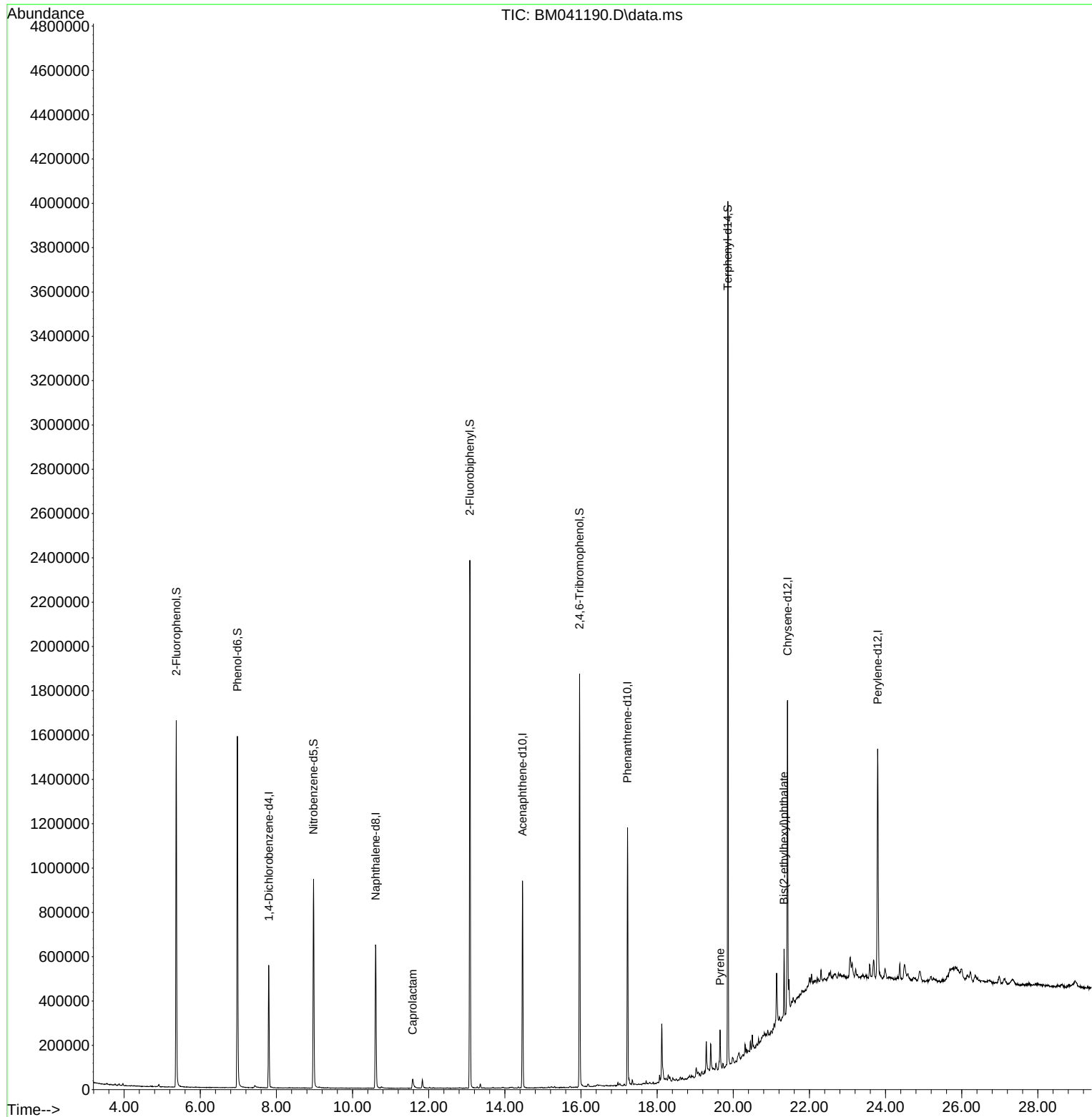
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	139716	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	540326	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	308319	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	648103	20.000	ng	0.00
76) Chrysene-d12	21.427	240	628638	20.000	ng	0.00
86) Perylene-d12	23.791	264	723005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	662480	70.868	ng	0.00
7) Phenol-d6	6.975	99	878040	72.461	ng	0.00
23) Nitrobenzene-d5	8.975	82	536501	46.175	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	316467	72.567	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1173726	48.090	ng	0.00
79) Terphenyl-d14	19.856	244	1823976	52.460	ng	0.00
Target Compounds						
						Qvalue
35) Caprolactam	11.580	113	11343	4.811	ng	95
78) Pyrene	19.650	202	102742	2.337	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	89556	5.866	ng	97

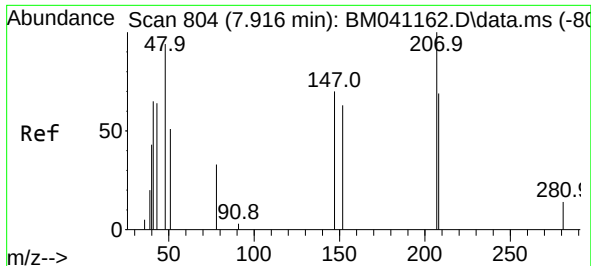
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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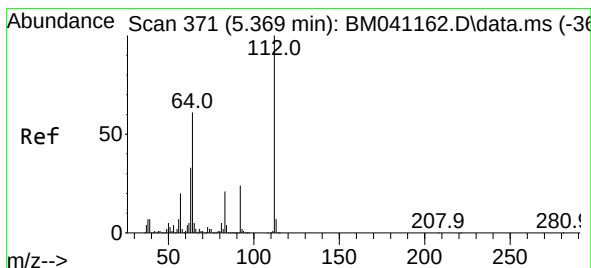
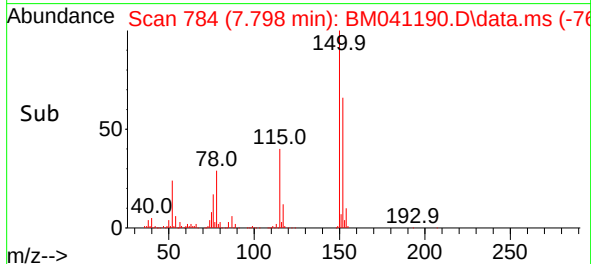
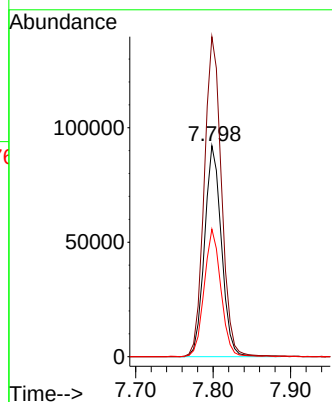
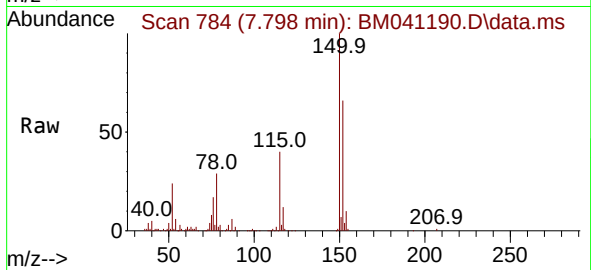




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041190.D
Acq: 31 Jul 2023 15:34

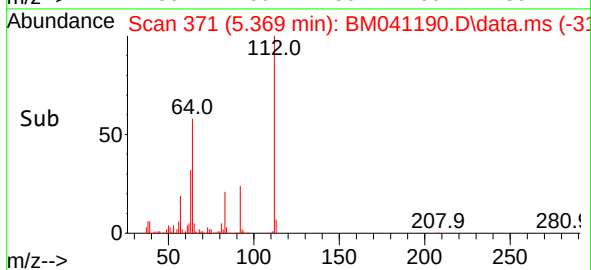
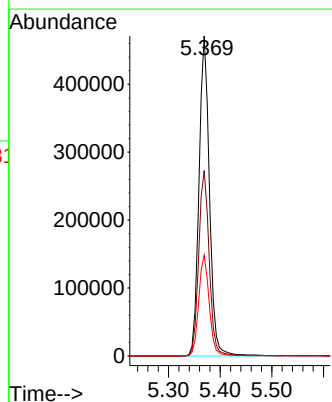
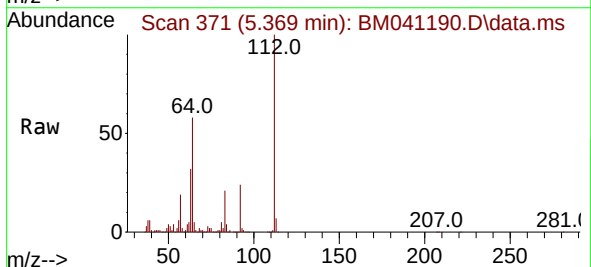
Instrument :
BNA_M
ClientSampleId :
B-P33A

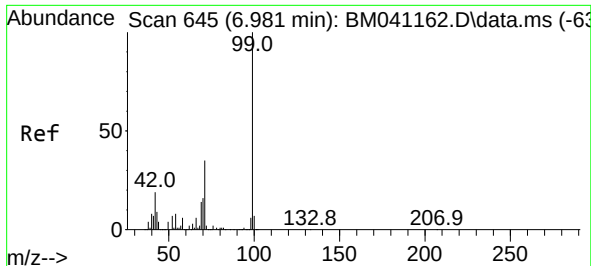
Tgt Ion:152 Resp: 139716
Ion Ratio Lower Upper
152 100
150 151.7 125.5 188.3
115 60.4 48.0 72.0



#5
2-Fluorophenol
Concen: 70.868 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041190.D
Acq: 31 Jul 2023 15:34

Tgt Ion:112 Resp: 662480
Ion Ratio Lower Upper
112 100
64 57.9 48.5 72.7
63 31.5 26.5 39.7

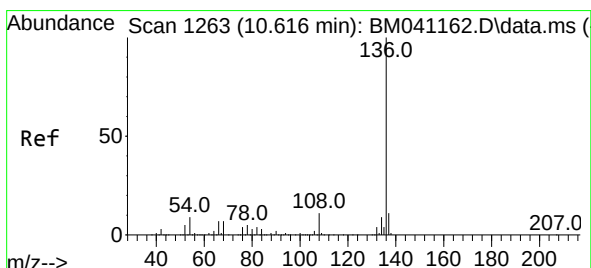
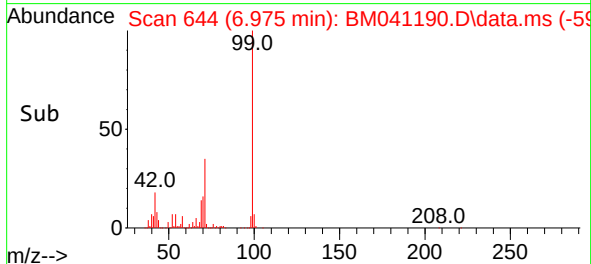
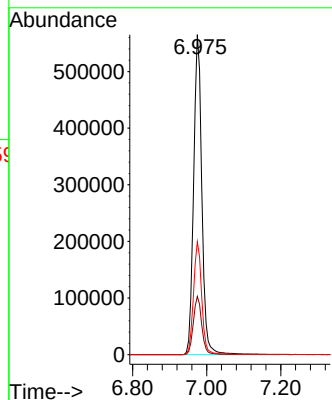
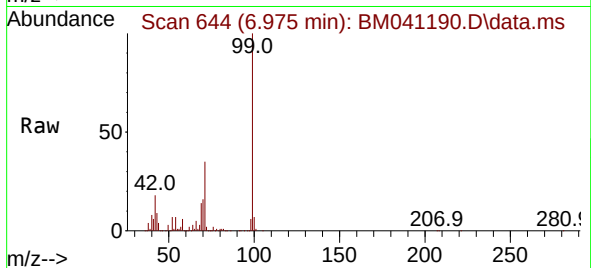




#7
Phenol-d6
Concen: 72.461 ng
RT: 6.975 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041190.D
Acq: 31 Jul 2023 15:34

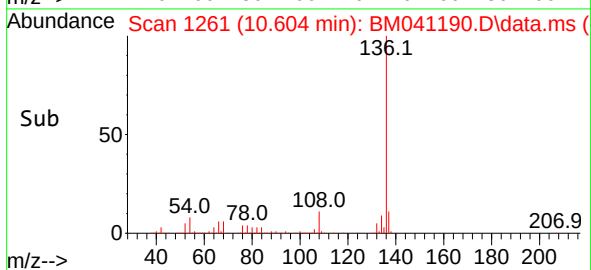
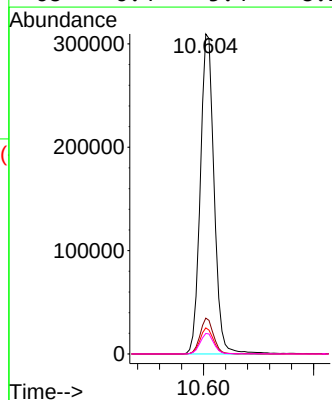
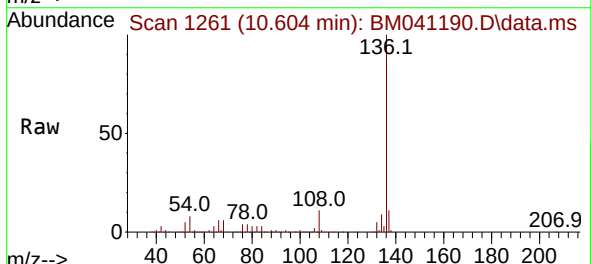
Instrument :
BNA_M
ClientSampleId :
B-P33A

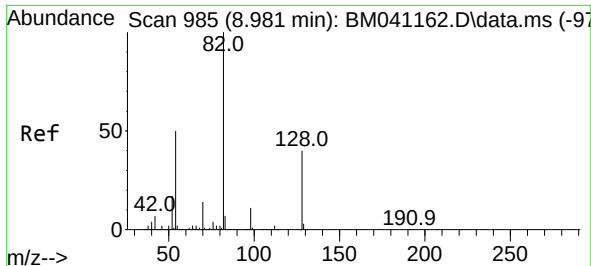
Tgt Ion: 99 Resp: 878040
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 35.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041190.D
Acq: 31 Jul 2023 15:34

Tgt Ion: 136 Resp: 540326
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.1 6.9 10.3
68 6.4 5.4 8.2

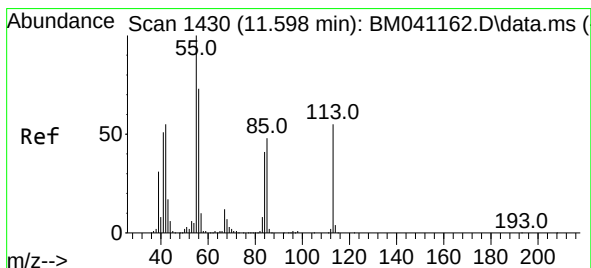
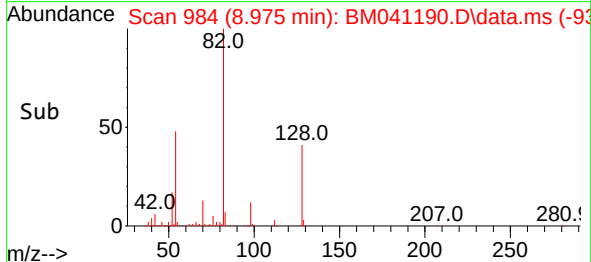
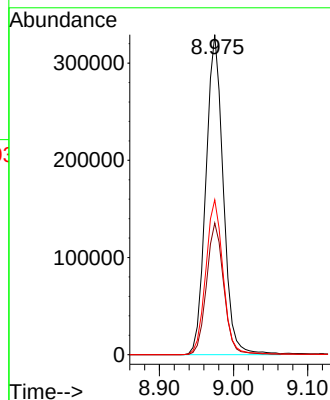
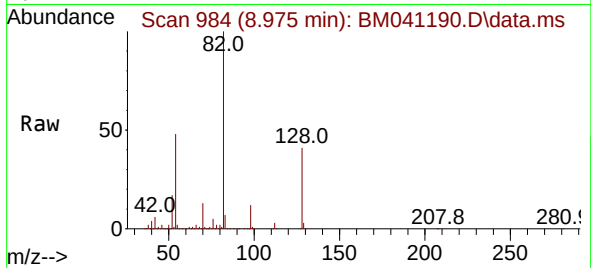




#23
Nitrobenzene-d5
Concen: 46.175 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041190.D
Acq: 31 Jul 2023 15:34

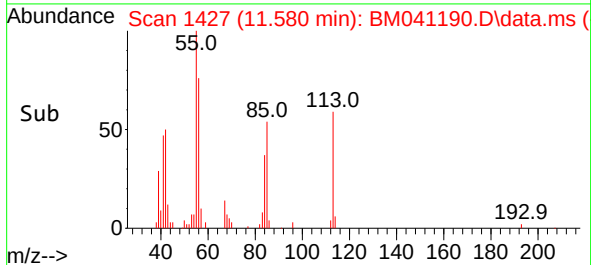
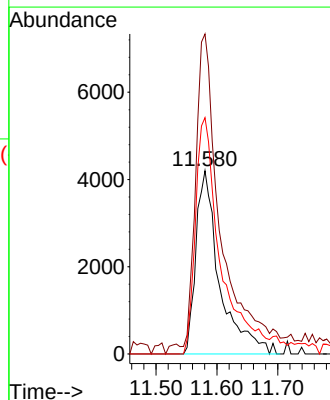
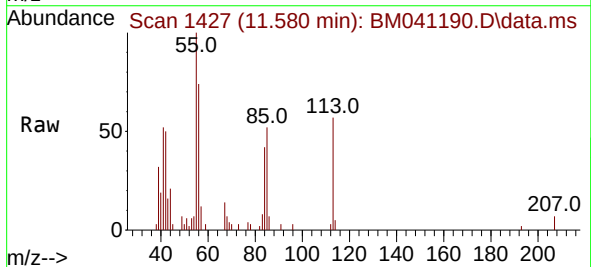
Instrument :
BNA_M
ClientSampleId :
B-P33A

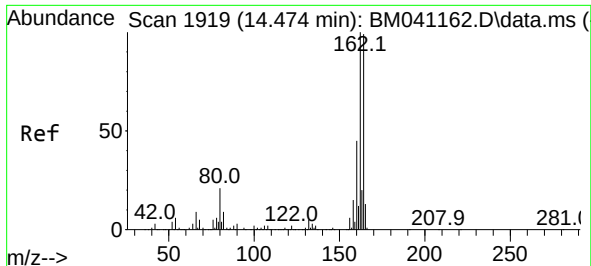
Tgt Ion: 82 Resp: 536501
Ion Ratio Lower Upper
82 100
128 41.2 31.8 47.6
54 48.4 40.1 60.1



#35
Caprolactam
Concen: 4.811 ng
RT: 11.580 min Scan# 1427
Delta R.T. -0.018 min
Lab File: BM041190.D
Acq: 31 Jul 2023 15:34

Tgt Ion: 113 Resp: 11343
Ion Ratio Lower Upper
113 100
55 174.6 162.5 202.5
56 128.9 114.1 154.1

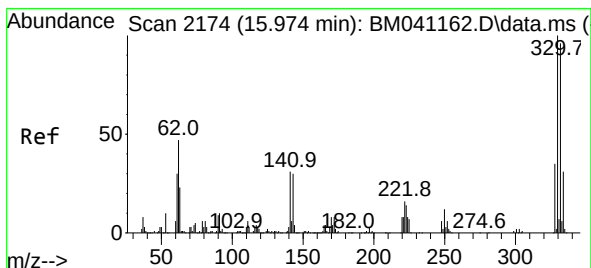
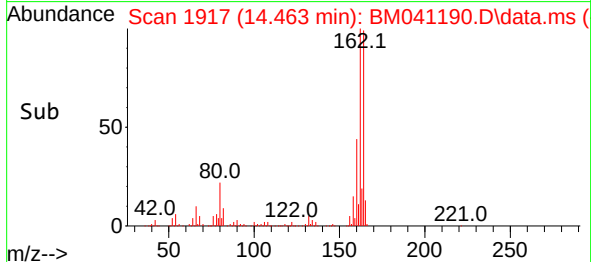
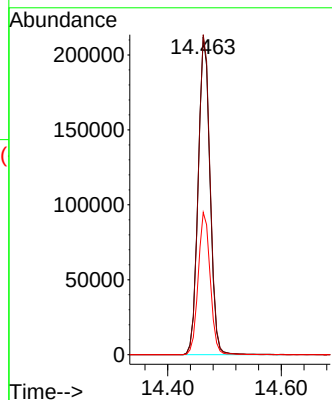
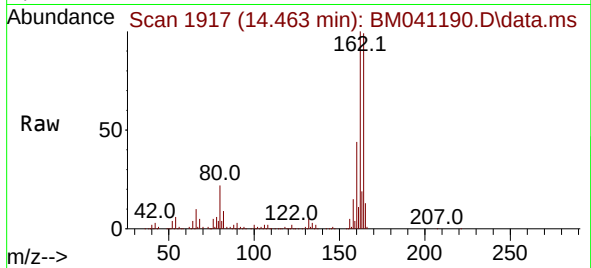




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041190.D
Acq: 31 Jul 2023 15:34

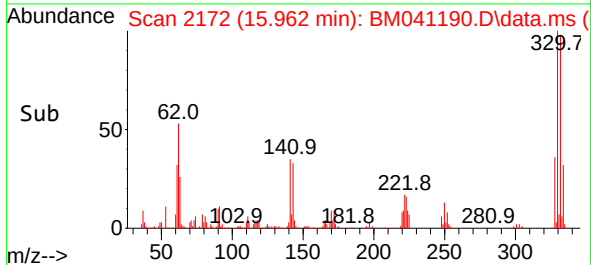
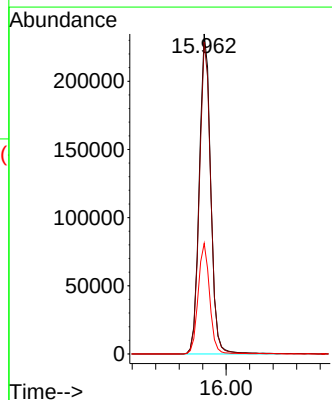
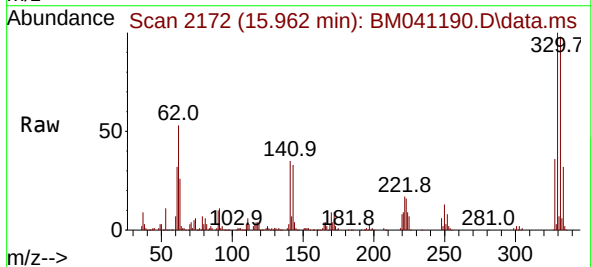
Instrument :
BNA_M
ClientSampleId :
B-P33A

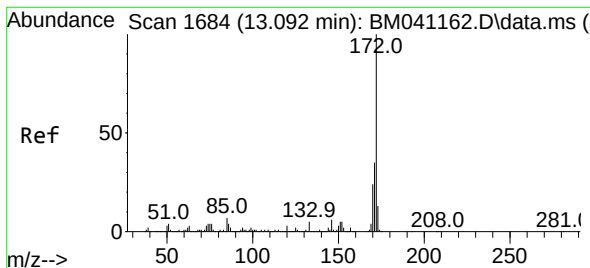
Tgt Ion:164 Resp: 308319
Ion Ratio Lower Upper
164 100
162 100.7 80.4 120.6
160 44.8 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 72.567 ng
RT: 15.962 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM041190.D
Acq: 31 Jul 2023 15:34

Tgt Ion:330 Resp: 316467
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 34.6 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 48.090 ng

RT: 13.080 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041190.D

Acq: 31 Jul 2023 15:34

Instrument :

BNA_M

ClientSampleId :

B-P33A

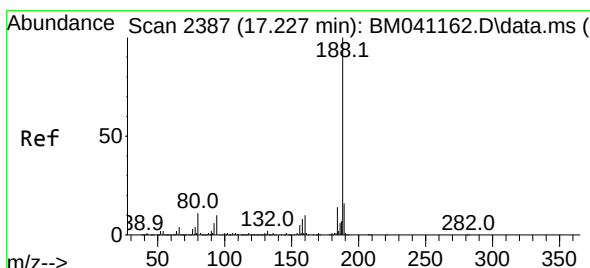
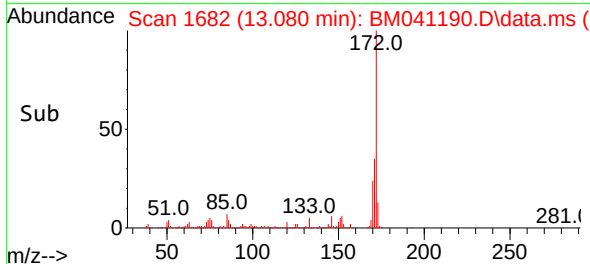
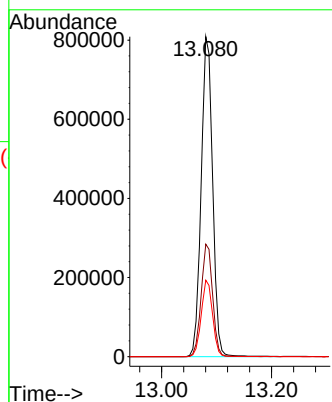
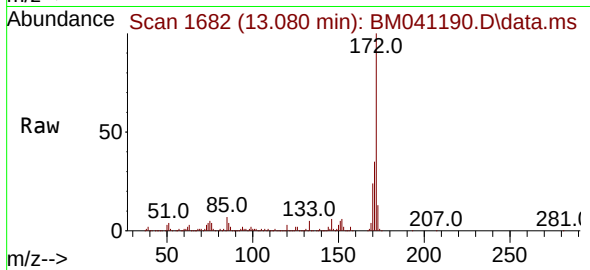
Tgt Ion:172 Resp: 1173726

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.9 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2386

Delta R.T. -0.000 min

Lab File: BM041190.D

Acq: 31 Jul 2023 15:34

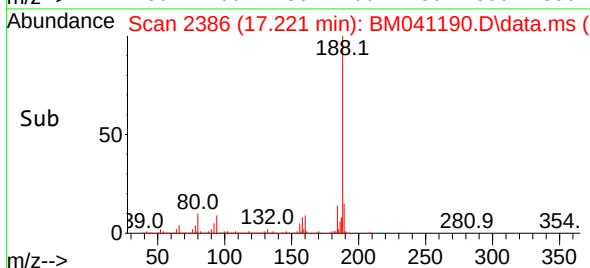
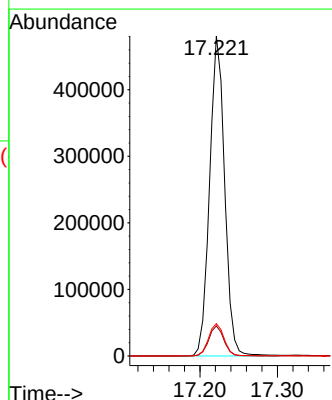
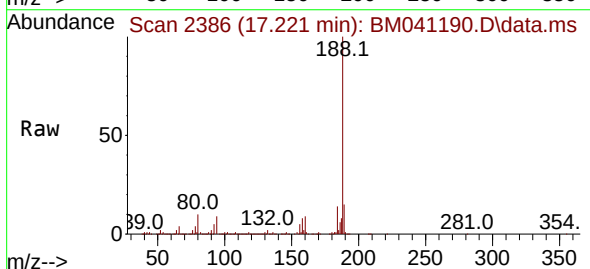
Tgt Ion:188 Resp: 648103

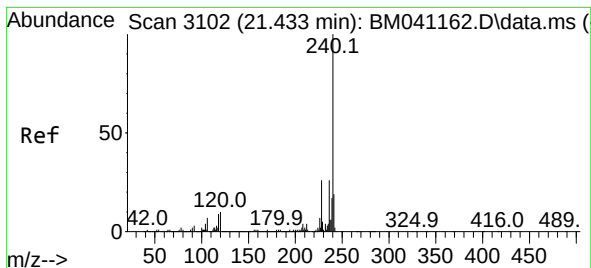
Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.2

80 10.1 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041190.D

Acq: 31 Jul 2023 15:34

Instrument :

BNA_M

ClientSampleId :

B-P33A

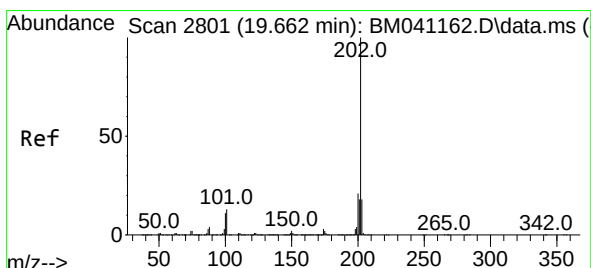
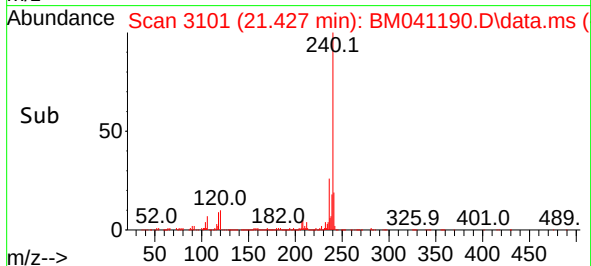
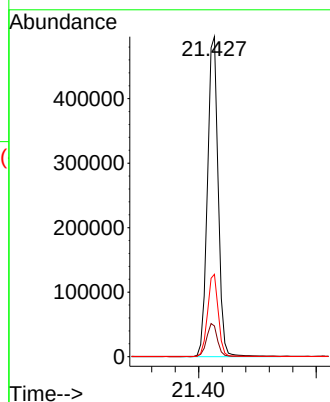
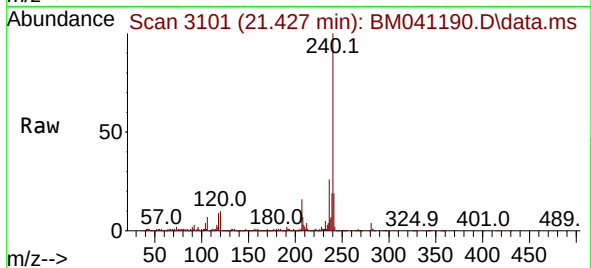
Tgt Ion:240 Resp: 628638

Ion Ratio Lower Upper

240 100

120 9.6 8.3 12.5

236 25.8 20.6 30.8



#78

Pyrene

Concen: 2.337 ng

RT: 19.650 min Scan# 2799

Delta R.T. -0.006 min

Lab File: BM041190.D

Acq: 31 Jul 2023 15:34

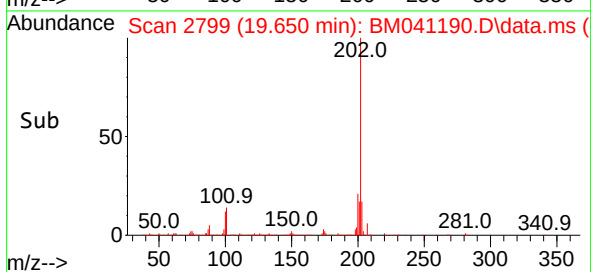
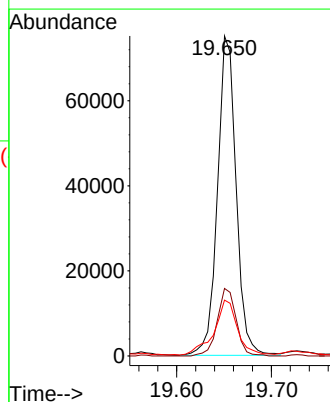
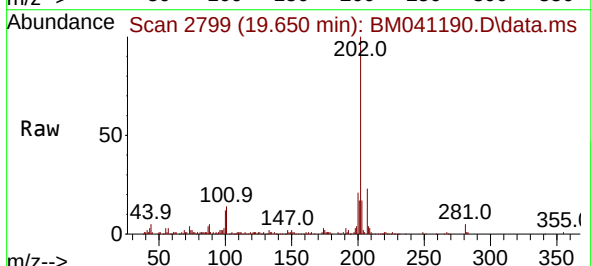
Tgt Ion:202 Resp: 102742

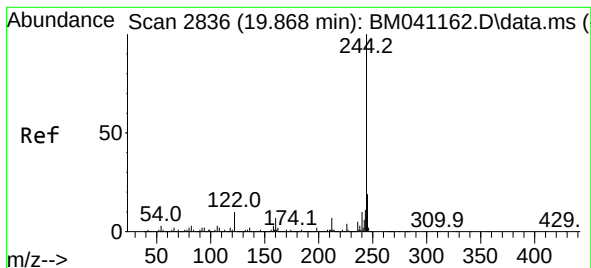
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 52.460 ng

RT: 19.856 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041190.D

Acq: 31 Jul 2023 15:34

Instrument :

BNA_M

ClientSampleId :

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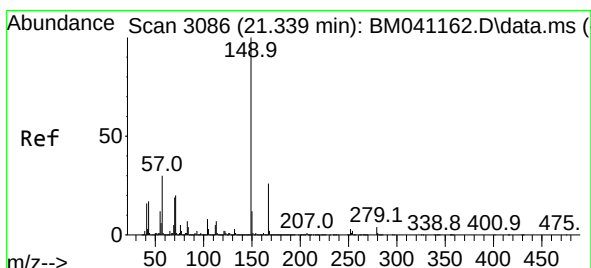
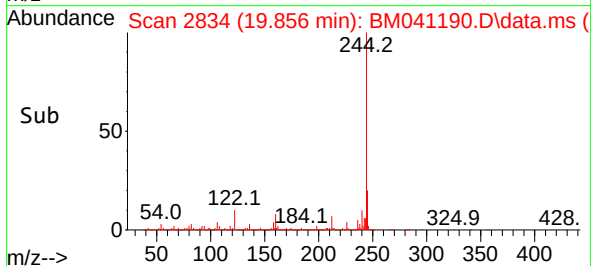
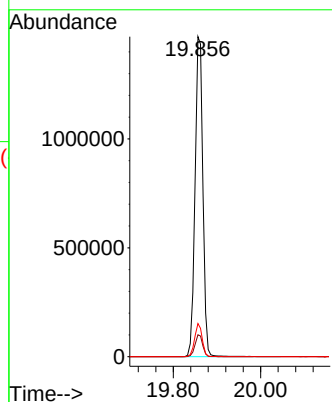
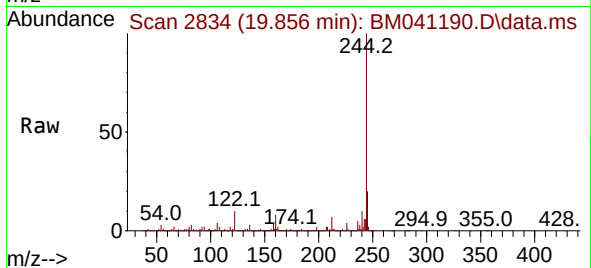
Tgt Ion:244 Resp: 1823976

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.4 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.866 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BM041190.D

Acq: 31 Jul 2023 15:34

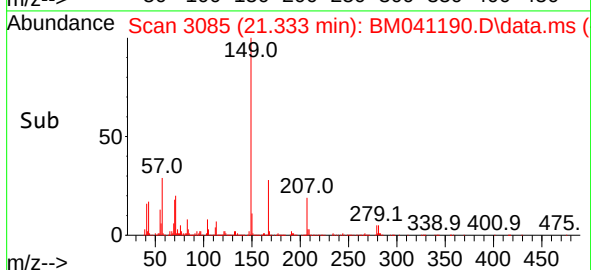
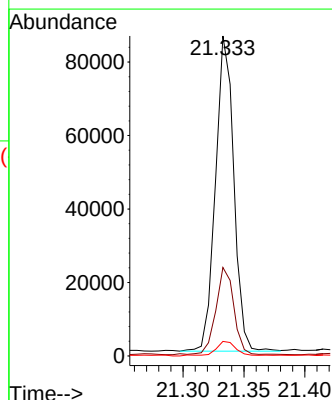
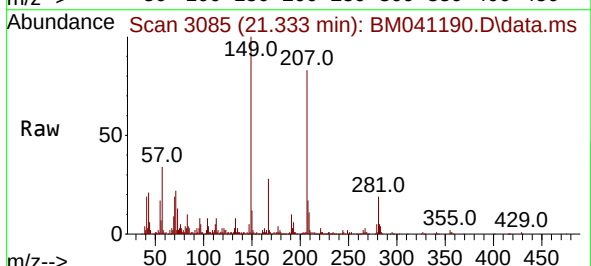
Tgt Ion:149 Resp: 89556

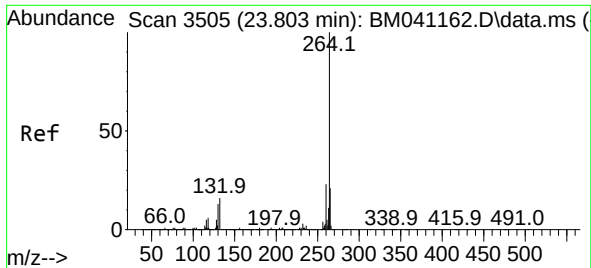
Ion Ratio Lower Upper

149 100

167 27.7 21.0 31.6

279 4.5 3.1 4.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.791 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041190.D
Acq: 31 Jul 2023 15:34

Instrument :
BNA_M
ClientSampleId :
B-P33A

Tgt Ion:264	Resp:	723005
Ion	Ratio	Lower Upper
264	100	
260	23.5	18.5 27.7
265	22.4	17.4 26.0

