

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040134.D
 Acq On : 07 Jun 2023 10:41
 Operator : MA/JU
 Sample : 03032-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-20-0A

Quant Time: Jun 07 11:13:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

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

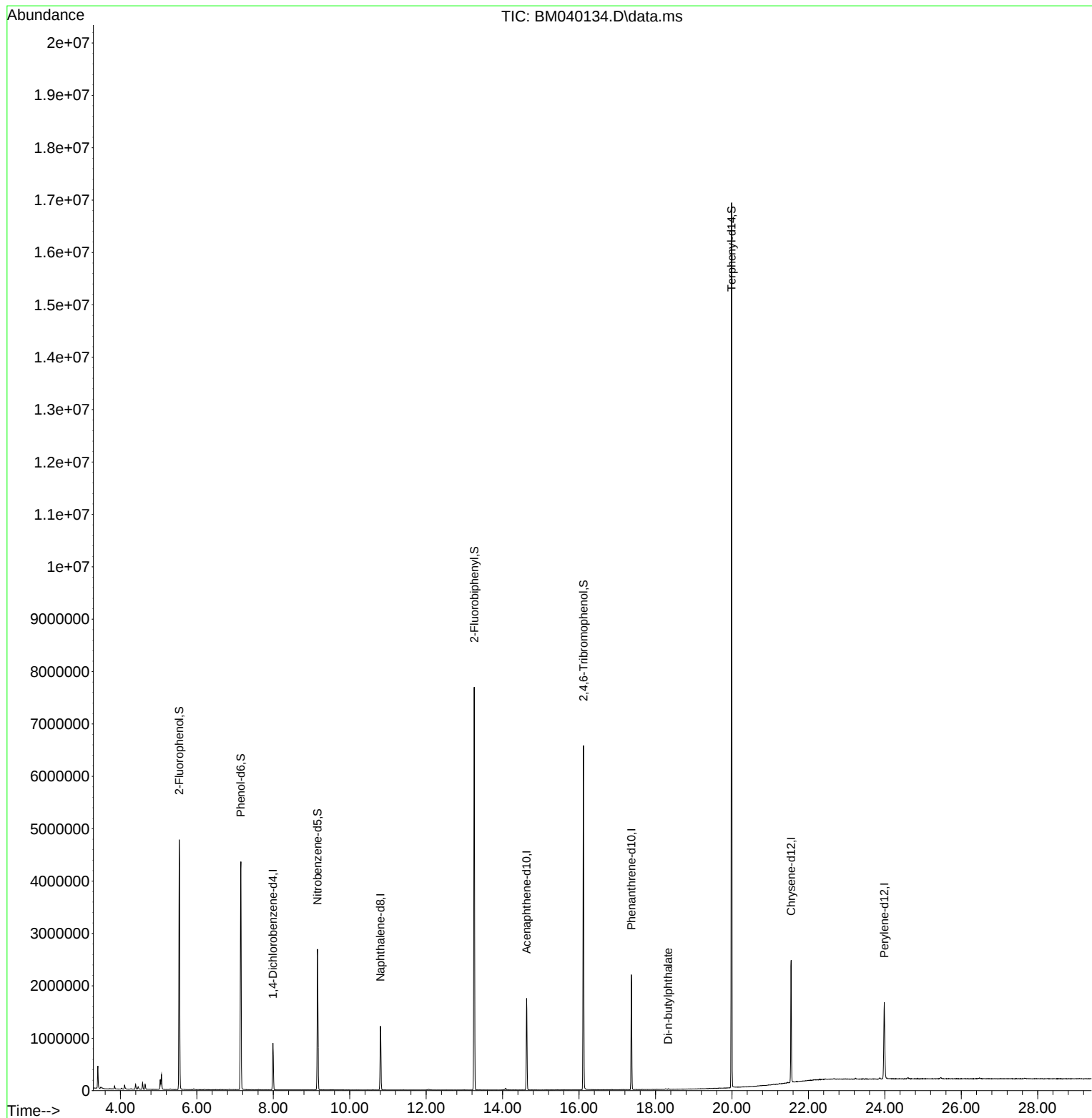
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	225735	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	965368	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	522001	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1115282	20.000	ng	# 0.00
76) Chrysene-d12	21.550	240	909873	20.000	ng	0.00
86) Perylene-d12	23.985	264	893313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2028493	137.842	ng	0.00
7) Phenol-d6	7.151	99	2485288	129.464	ng	0.00
23) Nitrobenzene-d5	9.157	82	1472637	82.314	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1015505	149.886	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	3440907	77.749	ng	0.00
79) Terphenyl-d14	19.992	244	7002807	119.503	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.333	149	7264	3.750	ng	# 94

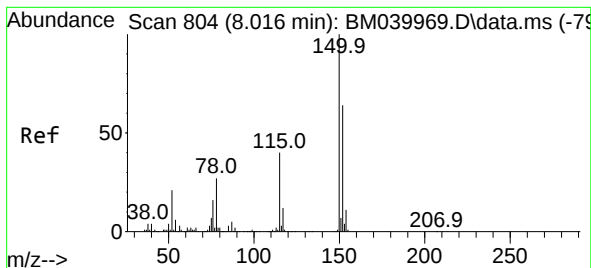
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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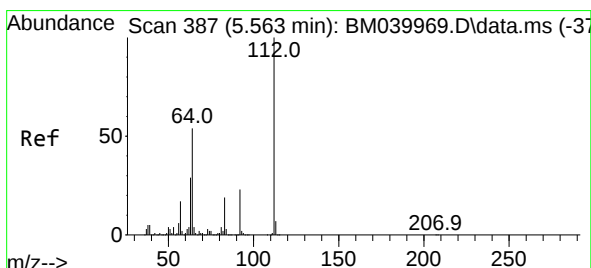
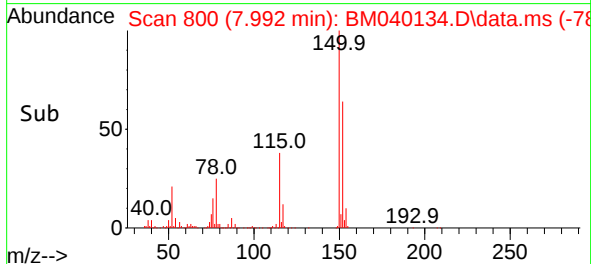
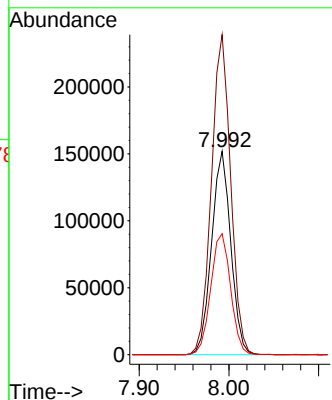
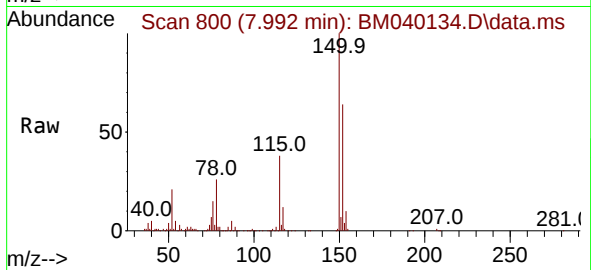




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 804
Delta R.T. -0.007 min
Lab File: BM040134.D
Acq: 07 Jun 2023 10:41

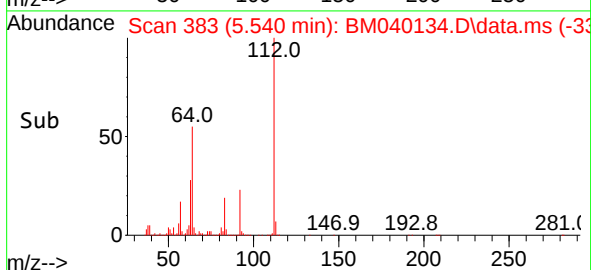
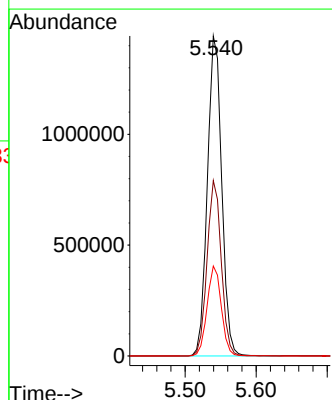
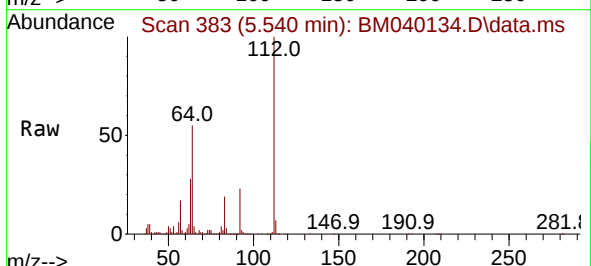
Instrument :
BNA_M
ClientSampleId :
TP-20-0A

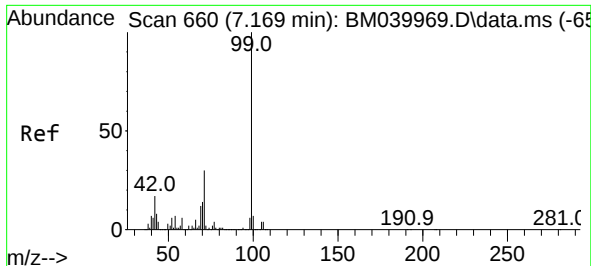
Tgt Ion:152 Resp: 225735
Ion Ratio Lower Upper
152 100
150 157.4 125.5 188.3
115 59.5 50.2 75.2



#5
2-Fluorophenol
Concen: 137.842 ng
RT: 5.540 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM040134.D
Acq: 07 Jun 2023 10:41

Tgt Ion:112 Resp: 2028493
Ion Ratio Lower Upper
112 100
64 54.8 43.0 64.4
63 28.1 22.9 34.3

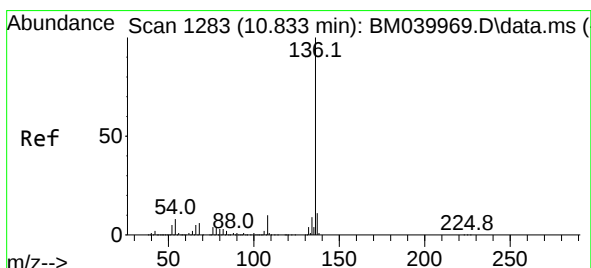
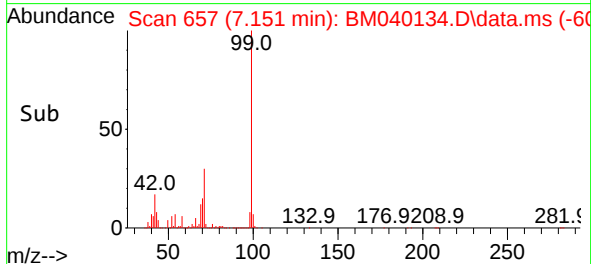
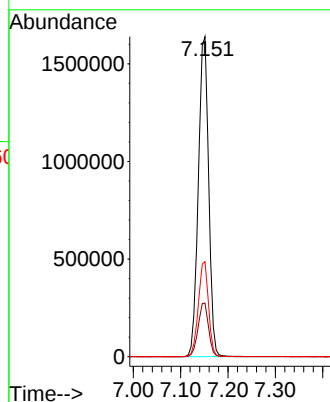
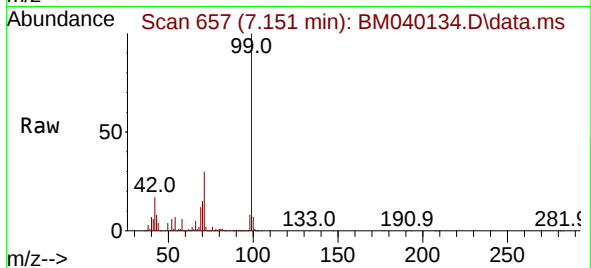




#7
Phenol-d6
Concen: 129.464 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040134.D
Acq: 07 Jun 2023 10:41

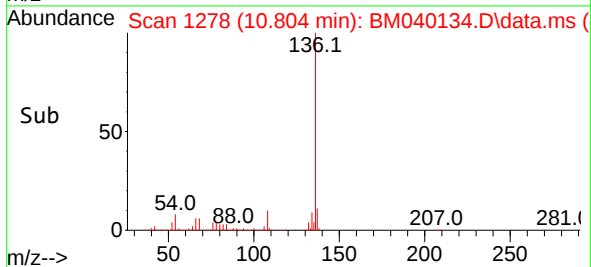
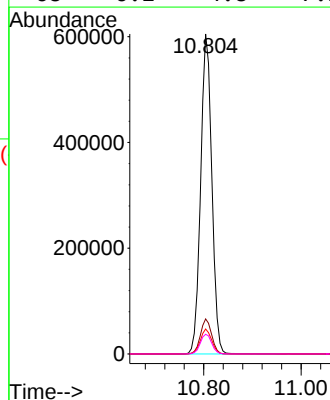
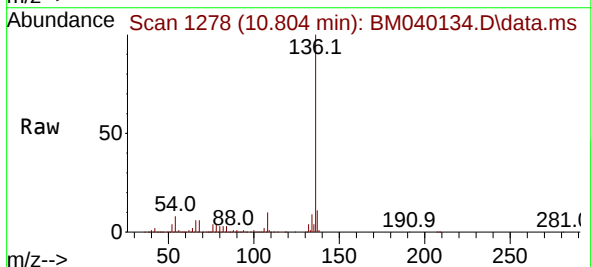
Instrument :
BNA_M
ClientSampleId :
TP-20-0A

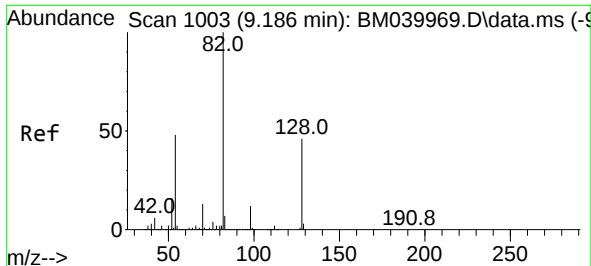
Tgt Ion: 99 Resp: 2485288
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.6
71 29.7 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM040134.D
Acq: 07 Jun 2023 10:41

Tgt Ion: 136 Resp: 965368
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.8 6.1 9.1
68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 82.314 ng

RT: 9.157 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM040134.D

Acq: 07 Jun 2023 10:41

Instrument :

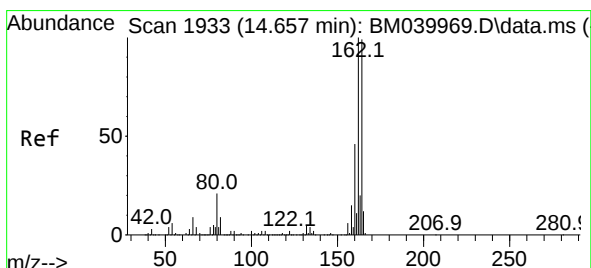
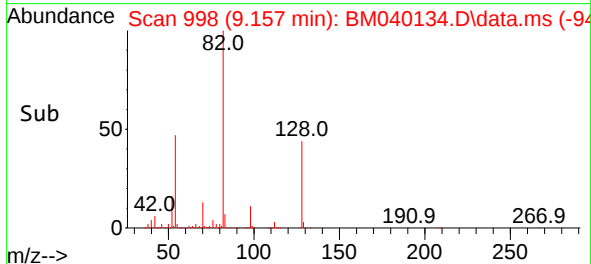
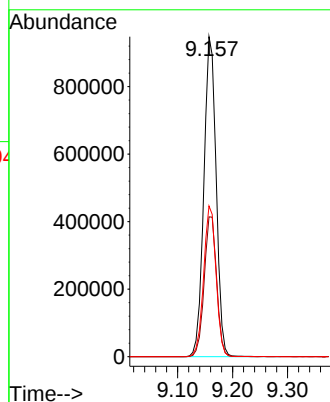
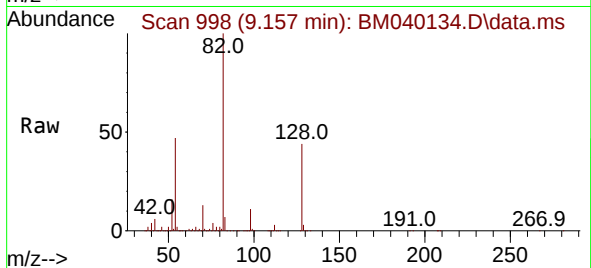
BNA_M

ClientSampleId :

TP-20-0A

Tgt Ion: 82 Resp: 1472637

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.5	54.7
54	47.1	38.3	57.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.627 min Scan# 1928

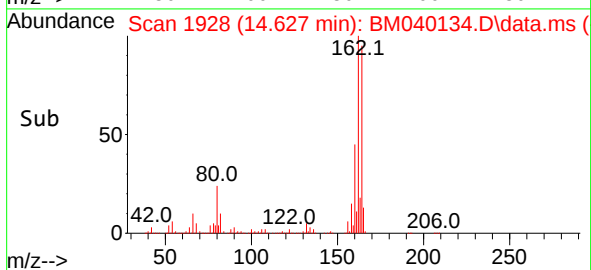
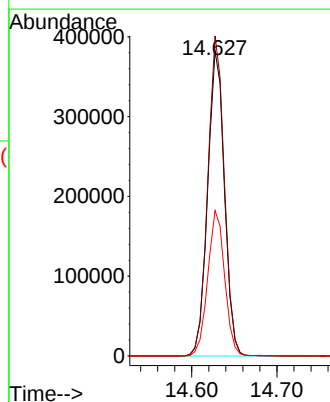
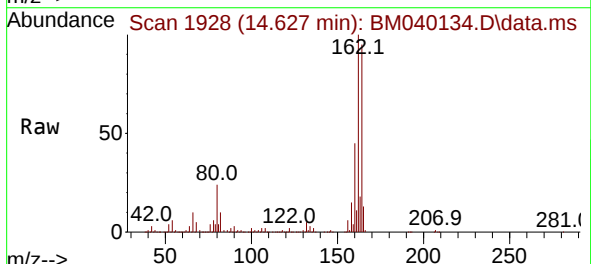
Delta R.T. -0.006 min

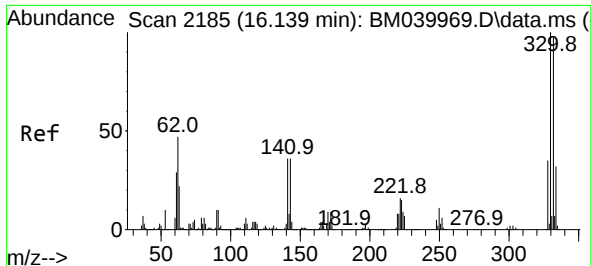
Lab File: BM040134.D

Acq: 07 Jun 2023 10:41

Tgt Ion: 164 Resp: 522001

Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.6	120.8
160	47.7	36.7	55.1

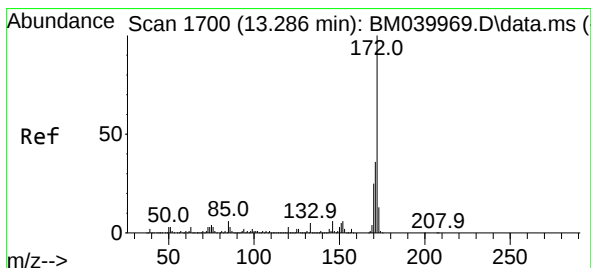
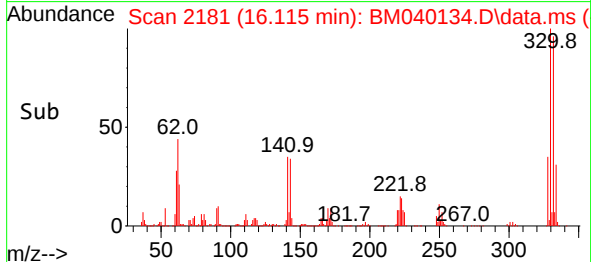
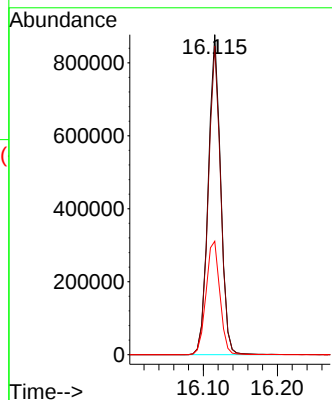
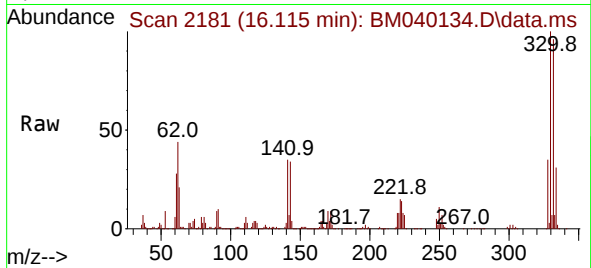




#42
2,4,6-Tribromophenol
Concen: 149.886 ng
RT: 16.115 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM040134.D
Acq: 07 Jun 2023 10:41

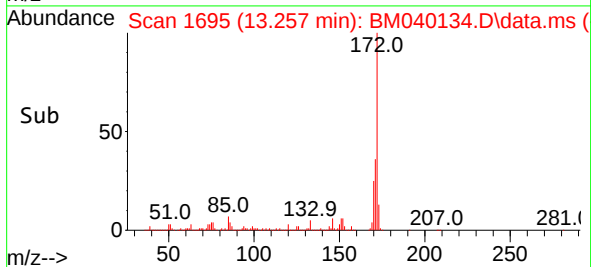
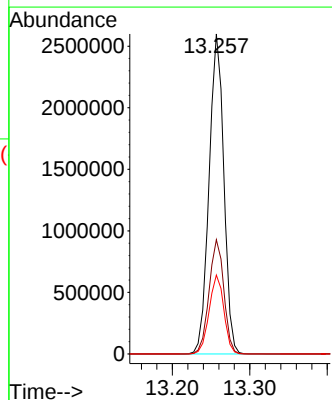
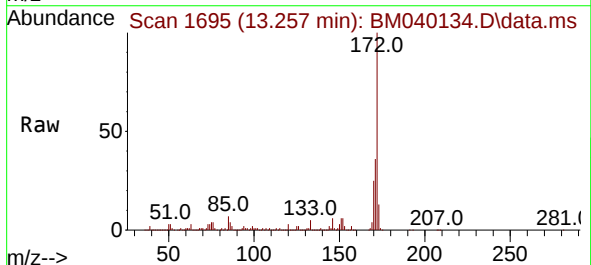
Instrument :
BNA_M
ClientSampleId :
TP-20-0A

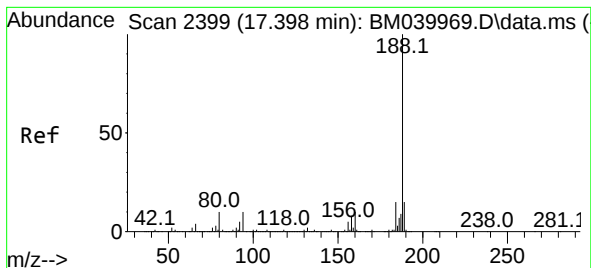
Tgt Ion:330 Resp: 1015505
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 39.7 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 77.749 ng
RT: 13.257 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM040134.D
Acq: 07 Jun 2023 10:41

Tgt Ion:172 Resp: 3440907
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.6 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040134.D

Acq: 07 Jun 2023 10:41

Instrument :

BNA_M

ClientSampleId :

TP-20-0A

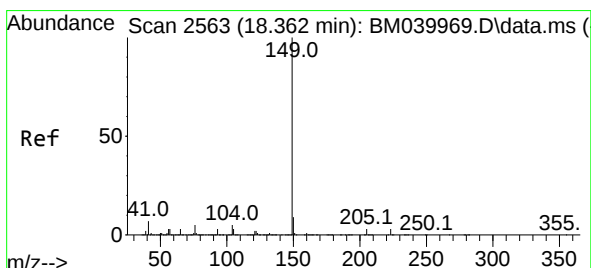
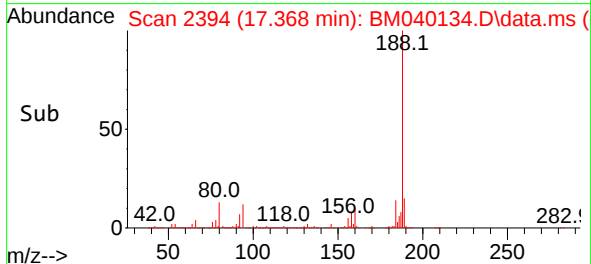
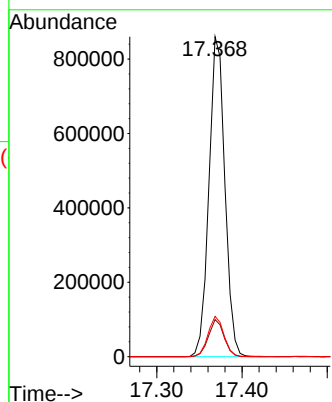
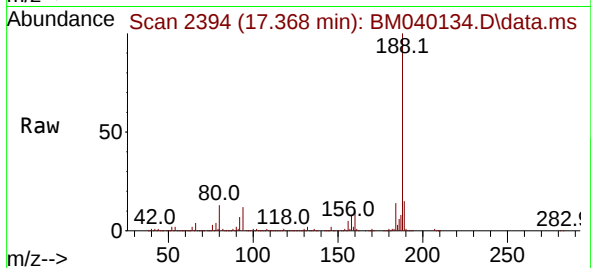
Tgt Ion:188 Resp: 1115282

Ion Ratio Lower Upper

188 100

94 11.6 7.8 11.8

80 12.6 8.2 12.4#



#74

Di-n-butylphthalate

Concen: 3.750 ng

RT: 18.333 min Scan# 2558

Delta R.T. -0.012 min

Lab File: BM040134.D

Acq: 07 Jun 2023 10:41

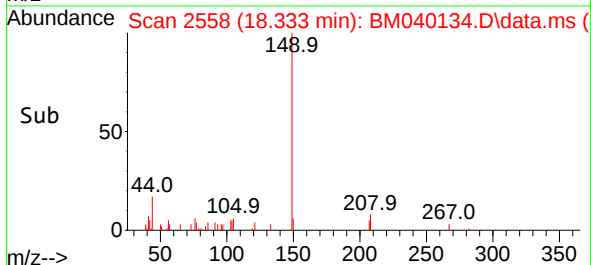
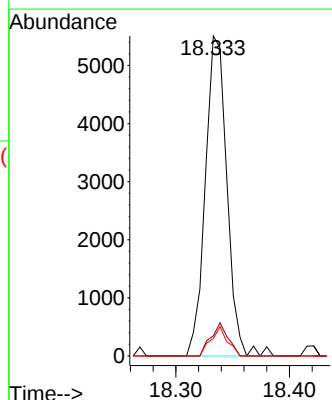
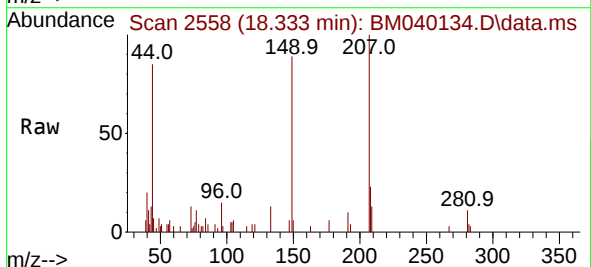
Tgt Ion:149 Resp: 7264

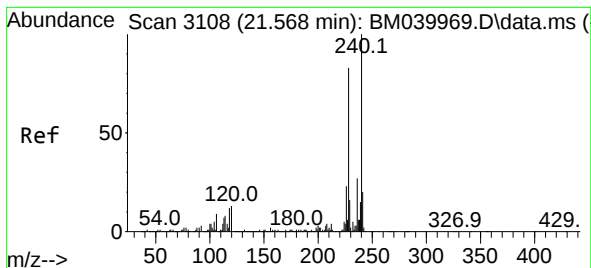
Ion Ratio Lower Upper

149 100

150 6.3 7.4 11.2#

104 5.4 4.2 6.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.550 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BM040134.D

Acq: 07 Jun 2023 10:41

Instrument :

BNA_M

ClientSampleId :

TP-20-0A

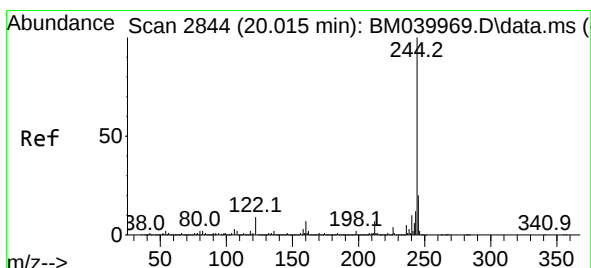
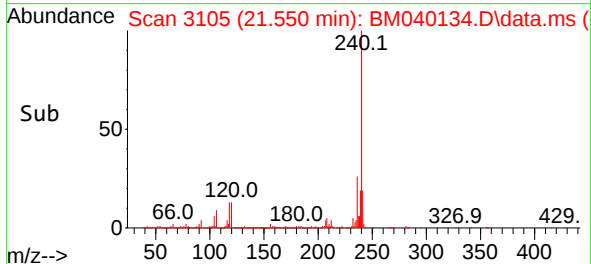
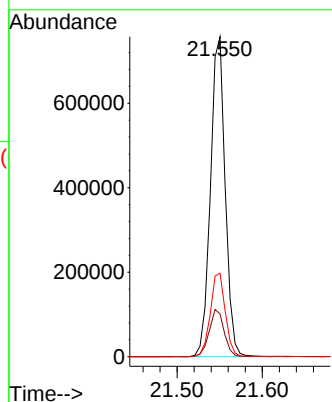
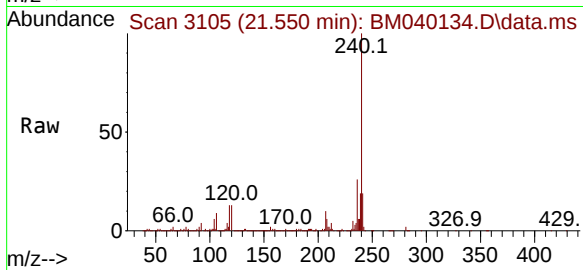
Tgt Ion:240 Resp: 909873

Ion Ratio Lower Upper

240 100

120 13.4 10.1 15.1

236 26.1 21.3 31.9



#79

Terphenyl-d14

Concen: 119.503 ng

RT: 19.992 min Scan# 2840

Delta R.T. -0.000 min

Lab File: BM040134.D

Acq: 07 Jun 2023 10:41

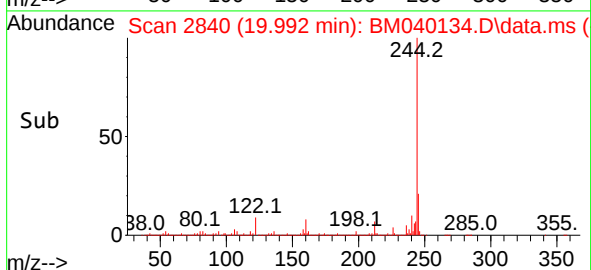
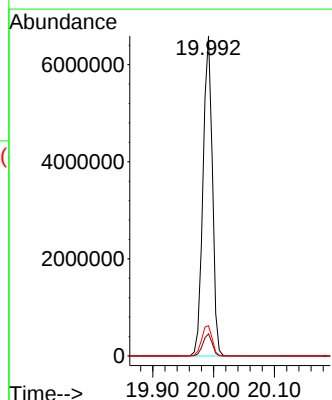
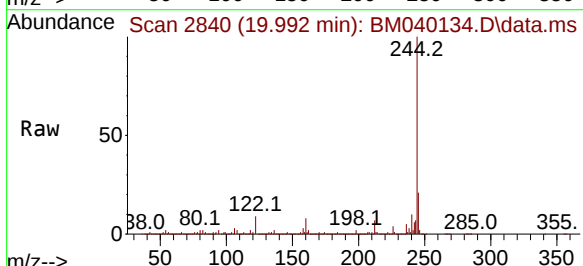
Tgt Ion:244 Resp: 7002807

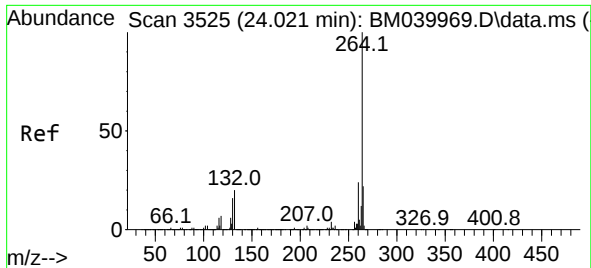
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 9.5 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.985 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM040134.D
 Acq: 07 Jun 2023 10:41

Instrument :
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Tgt Ion:264 Resp: 893313
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.1 17.7 26.5

