

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040133.D
 Acq On : 07 Jun 2023 10:05
 Operator : MA/JU
 Sample : 03029-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-10

Quant Time: Jun 07 11:11:15 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)

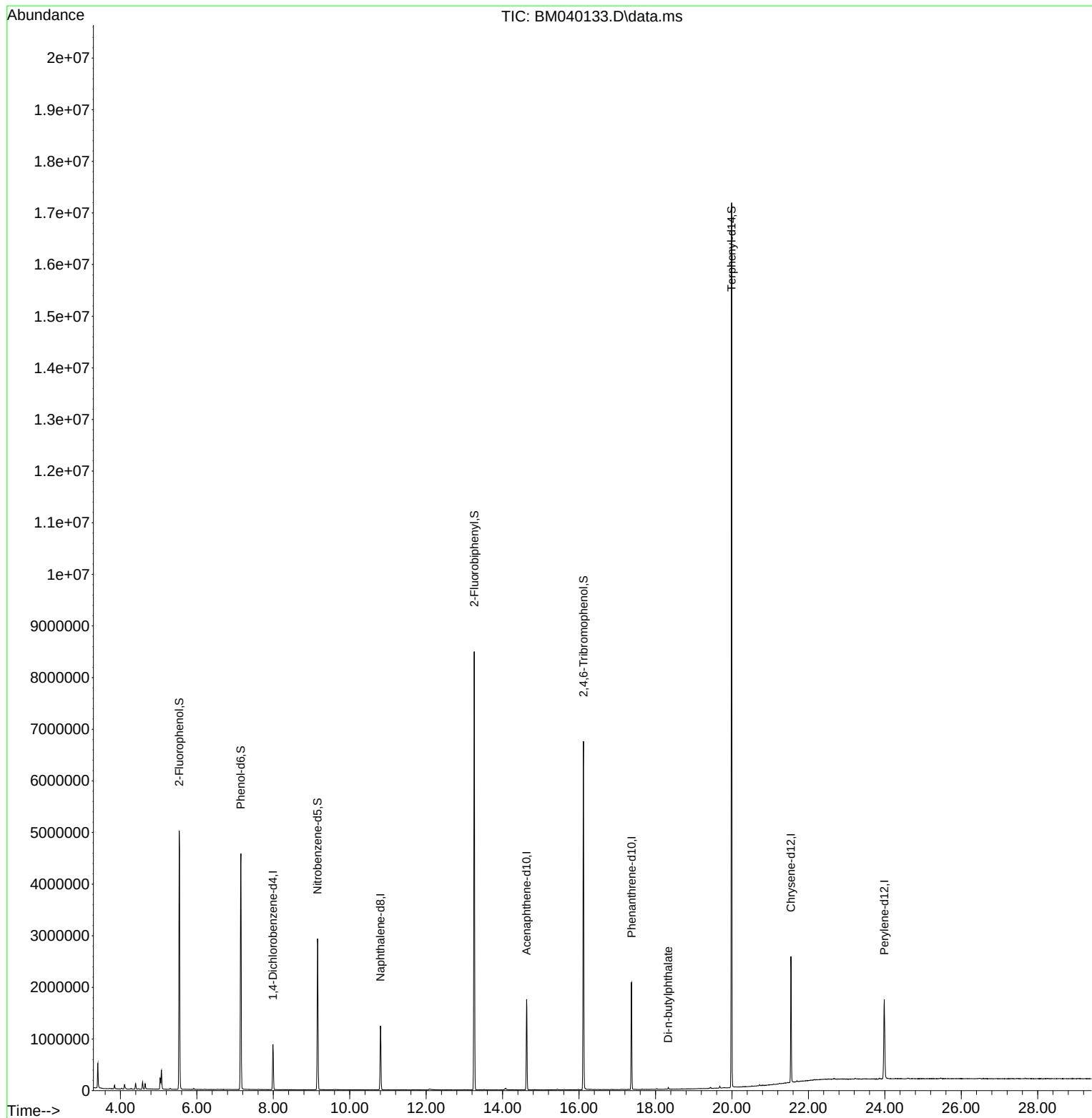
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	227338	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	977279	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	523825	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1103456	20.000	ng	0.00
76) Chrysene-d12	21.544	240	938170	20.000	ng	-0.01
86) Perylene-d12	23.985	264	971548	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2161259	145.828	ng	0.00
7) Phenol-d6	7.151	99	2615437	135.283	ng	0.00
23) Nitrobenzene-d5	9.157	82	1607218	88.742	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1080082	158.863	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	3769639	84.880	ng	0.00
79) Terphenyl-d14	19.992	244	7150913	118.350	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.333	149	23257	3.946	ng	Qvalue # 98

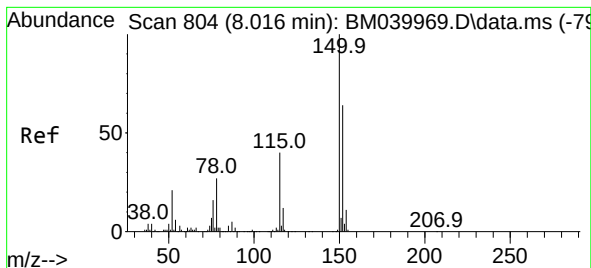
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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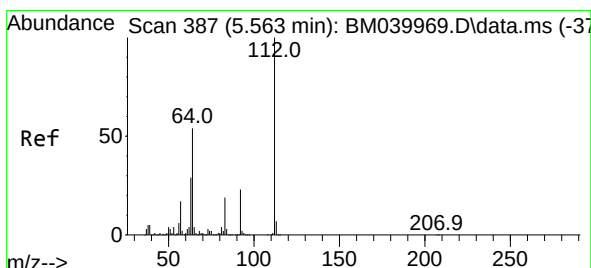
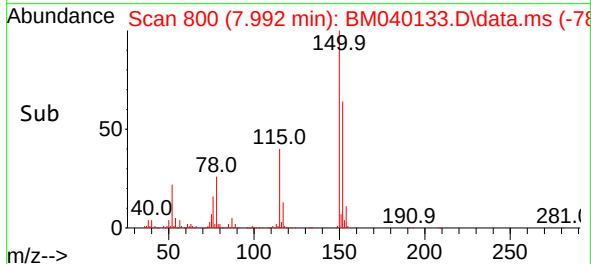
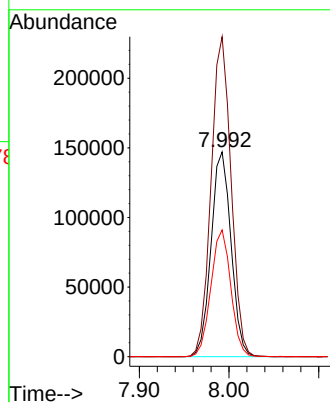
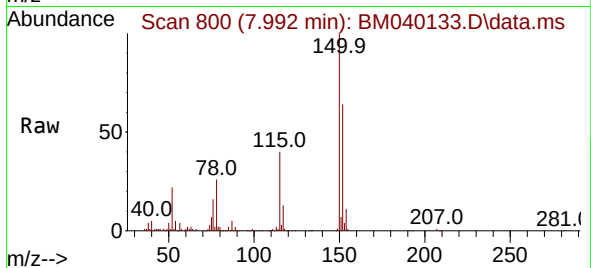




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 804
Delta R.T. -0.007 min
Lab File: BM040133.D
Acq: 07 Jun 2023 10:05

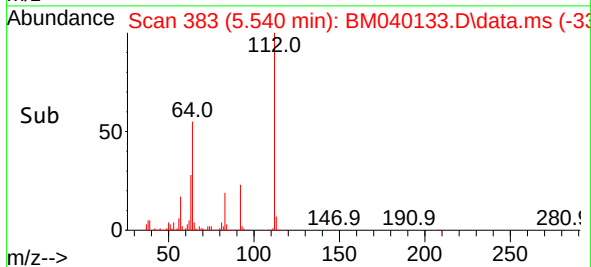
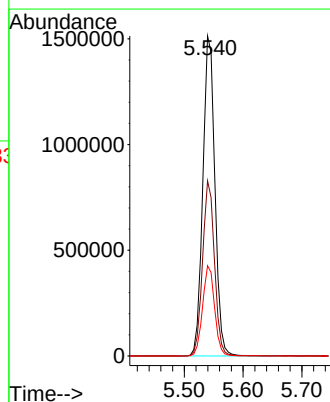
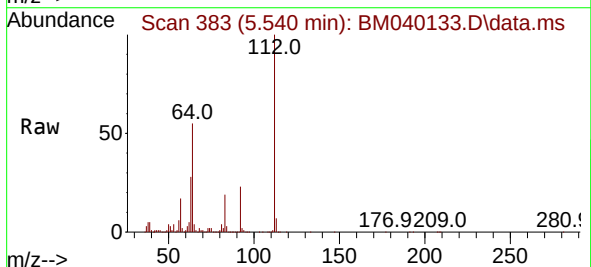
Instrument :
BNA_M
ClientSampleId :
TP-10

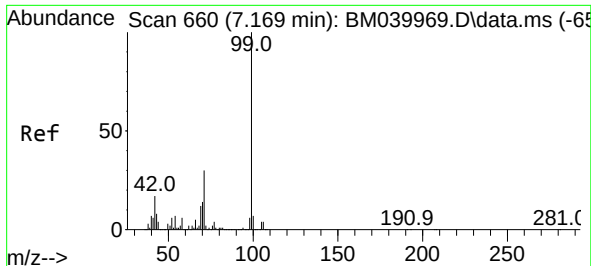
Tgt Ion:152 Resp: 227338
Ion Ratio Lower Upper
152 100
150 156.2 125.5 188.3
115 61.9 50.2 75.2



#5
2-Fluorophenol
Concen: 145.828 ng
RT: 5.540 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM040133.D
Acq: 07 Jun 2023 10:05

Tgt Ion:112 Resp: 2161259
Ion Ratio Lower Upper
112 100
64 54.7 43.0 64.4
63 28.2 22.9 34.3



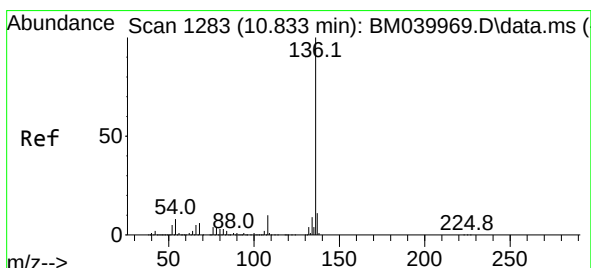
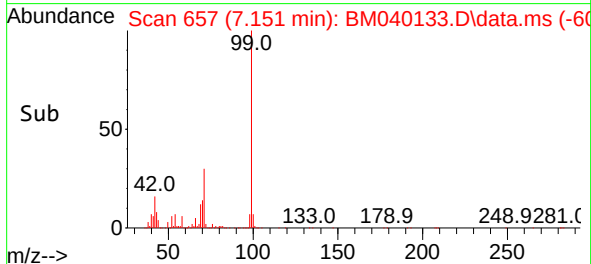
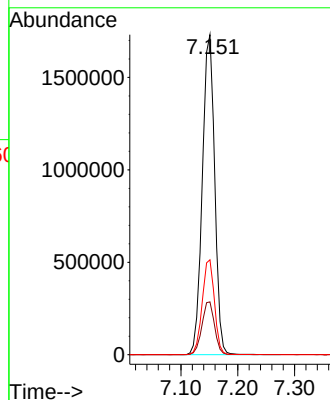
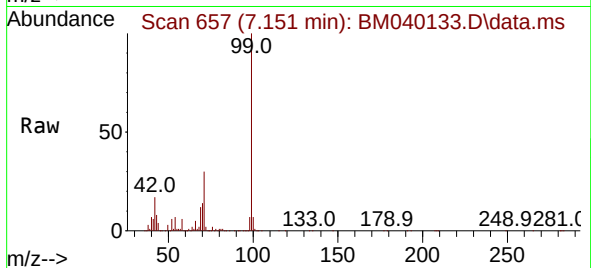


#7
Phenol-d6
Concen: 135.283 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040133.D
Acq: 07 Jun 2023 10:05

Instrument :
BNA_M
ClientSampleId :
TP-10

Tgt Ion: 99 Resp: 2615437

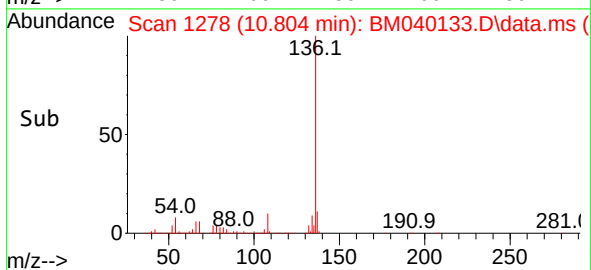
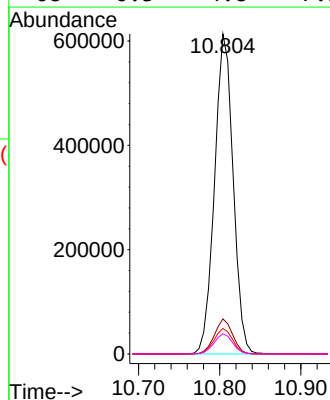
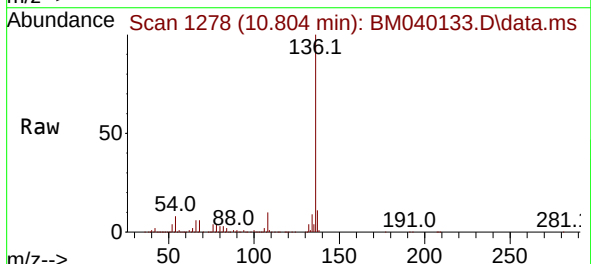
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.6
71	29.7	24.4	36.6

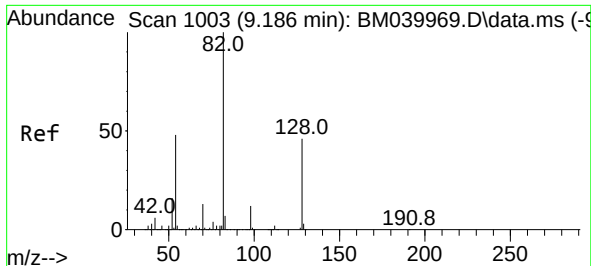


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM040133.D
Acq: 07 Jun 2023 10:05

Tgt Ion: 136 Resp: 977279

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.0	6.1	9.1
68	6.3	4.8	7.2

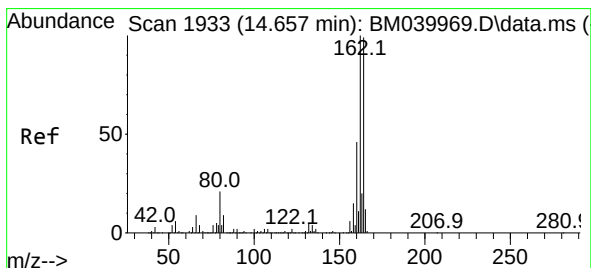
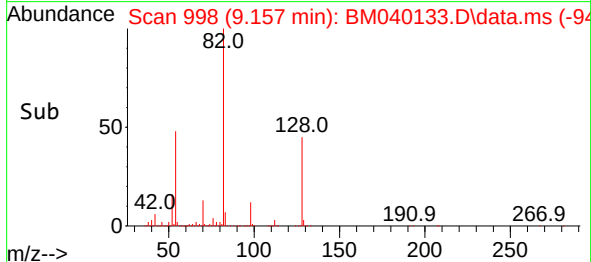
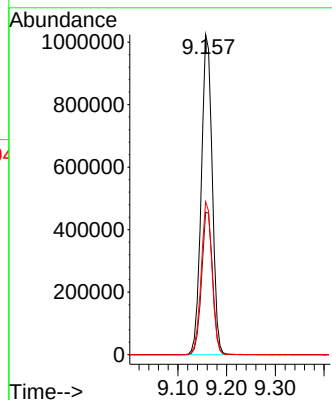
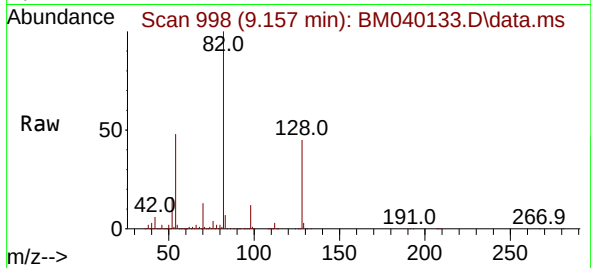




#23
Nitrobenzene-d5
Concen: 88.742 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM040133.D
Acq: 07 Jun 2023 10:05

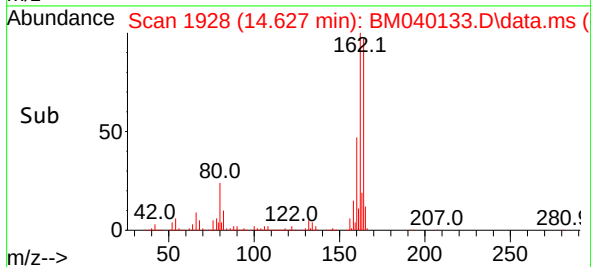
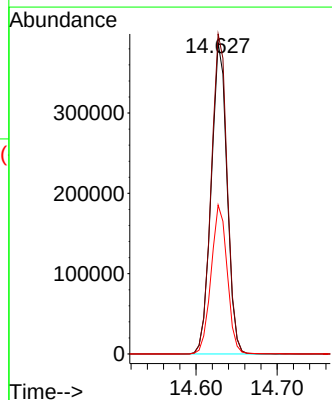
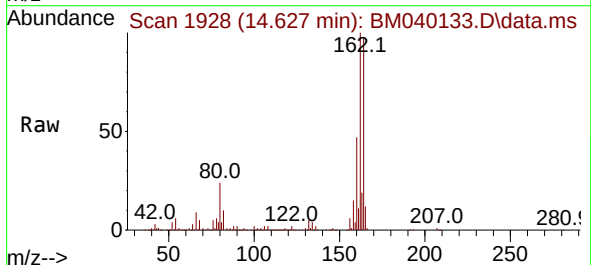
Instrument :
BNA_M
ClientSampleId :
TP-10

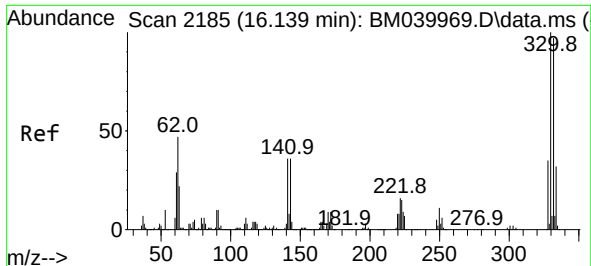
Tgt Ion: 82 Resp: 1607218
Ion Ratio Lower Upper
82 100
128 44.5 36.5 54.7
54 47.8 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM040133.D
Acq: 07 Jun 2023 10:05

Tgt Ion:164 Resp: 523825
Ion Ratio Lower Upper
164 100
162 102.8 80.6 120.8
160 47.9 36.7 55.1

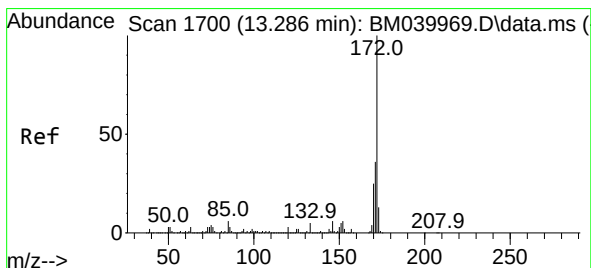
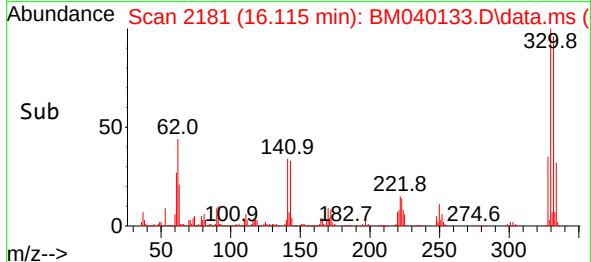
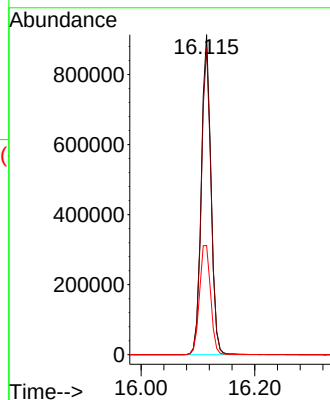
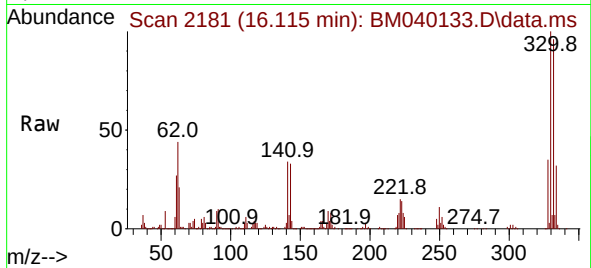




#42
2,4,6-Tribromophenol
Concen: 158.863 ng
RT: 16.115 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM040133.D
Acq: 07 Jun 2023 10:05

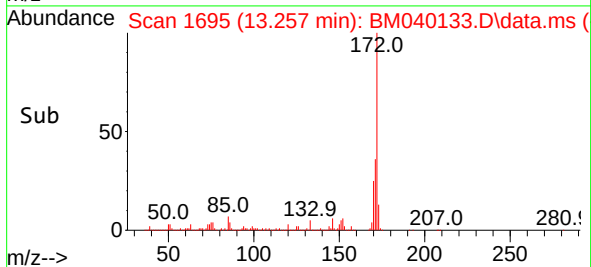
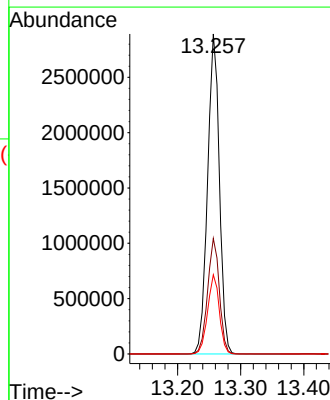
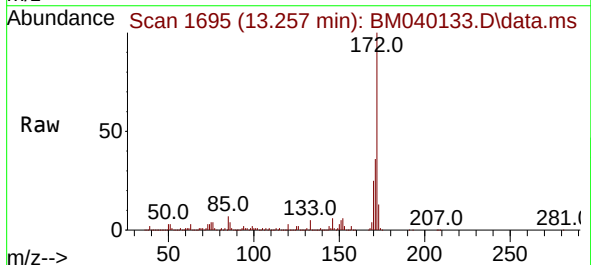
Instrument :
BNA_M
ClientSampleId :
TP-10

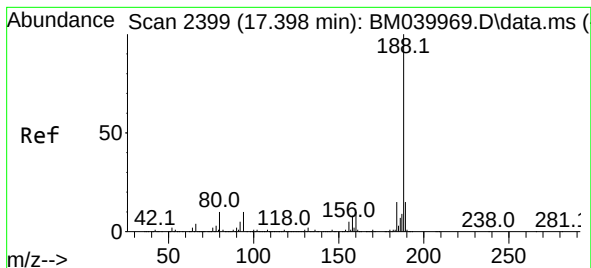
Tgt Ion:330 Resp: 1080082
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 39.4 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 84.880 ng
RT: 13.257 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM040133.D
Acq: 07 Jun 2023 10:05

Tgt Ion:172 Resp: 3769639
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.8 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.374 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040133.D

Acq: 07 Jun 2023 10:05

Instrument :

BNA_M

ClientSampleId :

TP-10

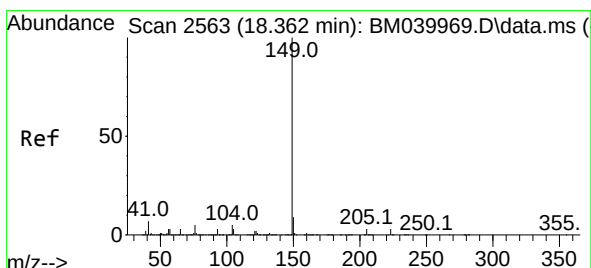
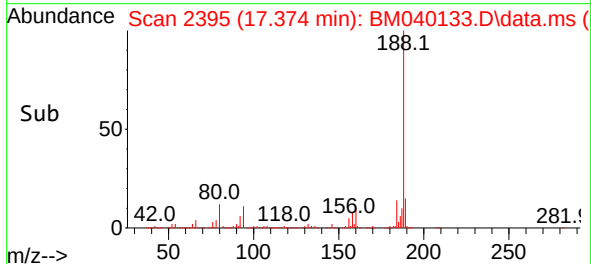
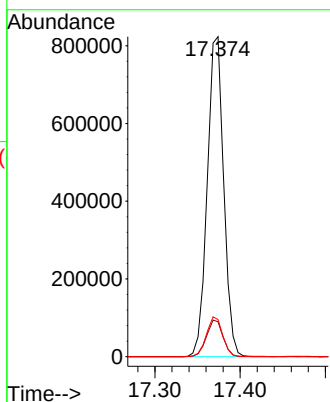
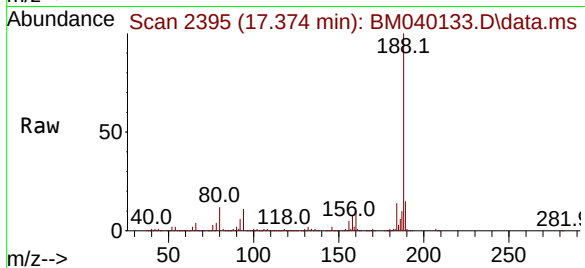
Tgt Ion:188 Resp: 1103456

Ion Ratio Lower Upper

188 100

94 10.9 7.8 11.8

80 11.6 8.2 12.4



#74

Di-n-butylphthalate

Concen: 3.946 ng

RT: 18.333 min Scan# 2558

Delta R.T. -0.012 min

Lab File: BM040133.D

Acq: 07 Jun 2023 10:05

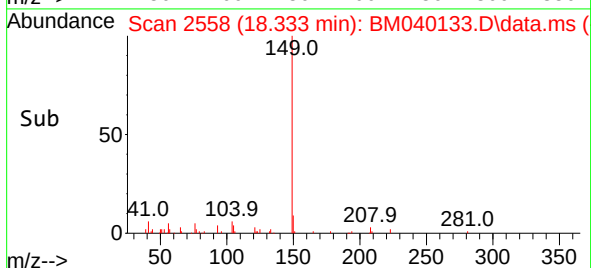
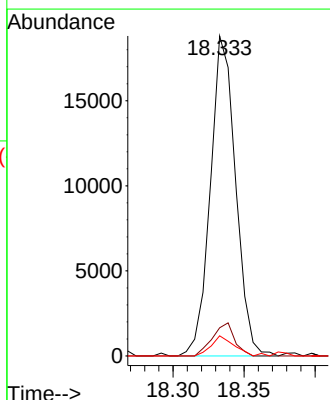
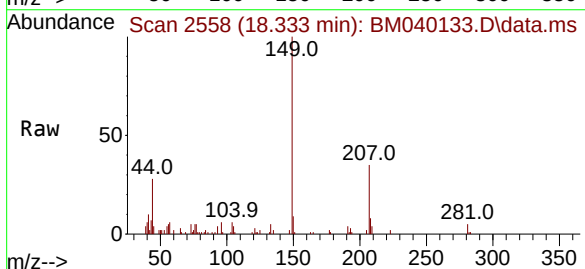
Tgt Ion:149 Resp: 23257

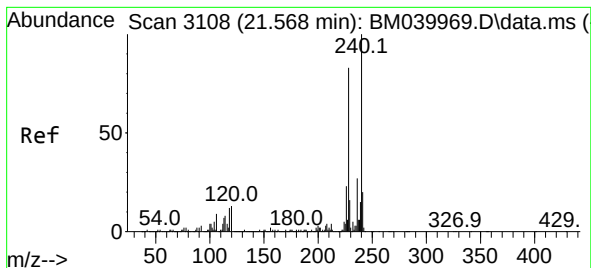
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

104 6.3 4.2 6.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.544 min Scan# 3108

Delta R.T. -0.012 min

Lab File: BM040133.D

Acq: 07 Jun 2023 10:05

Instrument :

BNA_M

ClientSampleId :

TP-10

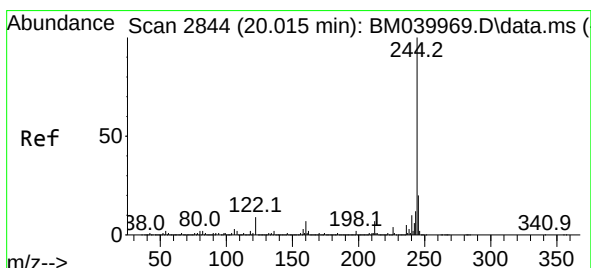
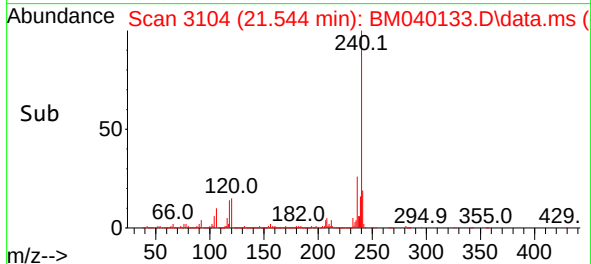
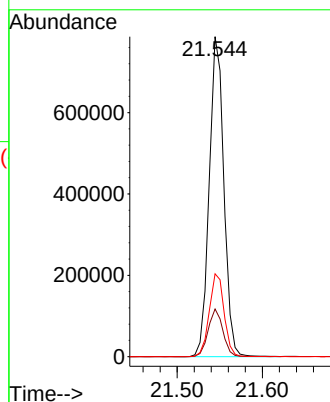
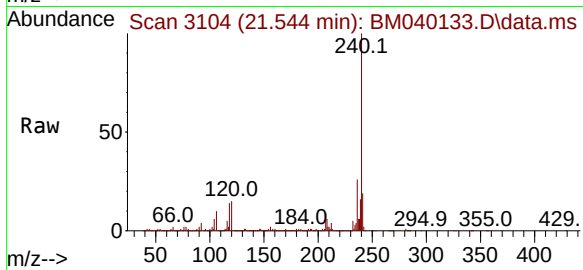
Tgt Ion:240 Resp: 938170

Ion Ratio Lower Upper

240 100

120 14.9 10.1 15.1

236 25.9 21.3 31.9



#79

Terphenyl-d14

Concen: 118.350 ng

RT: 19.992 min Scan# 2840

Delta R.T. -0.000 min

Lab File: BM040133.D

Acq: 07 Jun 2023 10:05

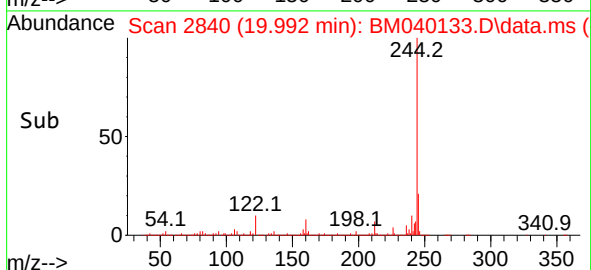
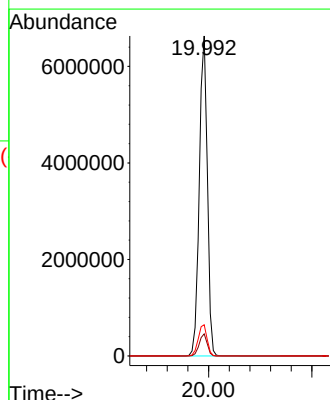
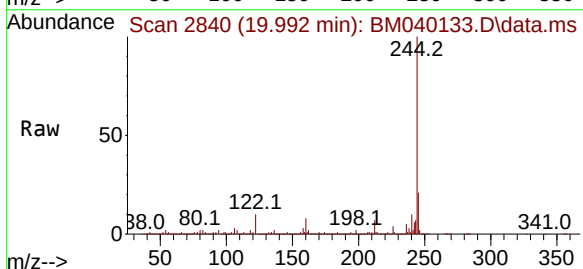
Tgt Ion:244 Resp: 7150913

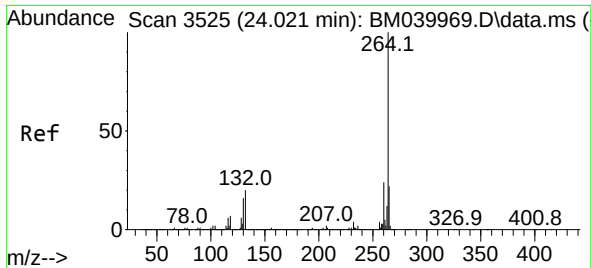
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 9.7 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: BM040133.D
Acq: 07 Jun 2023 10:05

Instrument :
BNA_M
ClientSampleId :
TP-10

Tgt Ion:264 Resp: 971548

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.7	17.7	26.5

