

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040128.D
 Acq On : 07 Jun 2023 07:05
 Operator : MA/JU
 Sample : 03008-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-19-0A

Quant Time: Jun 07 08:00:23 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)

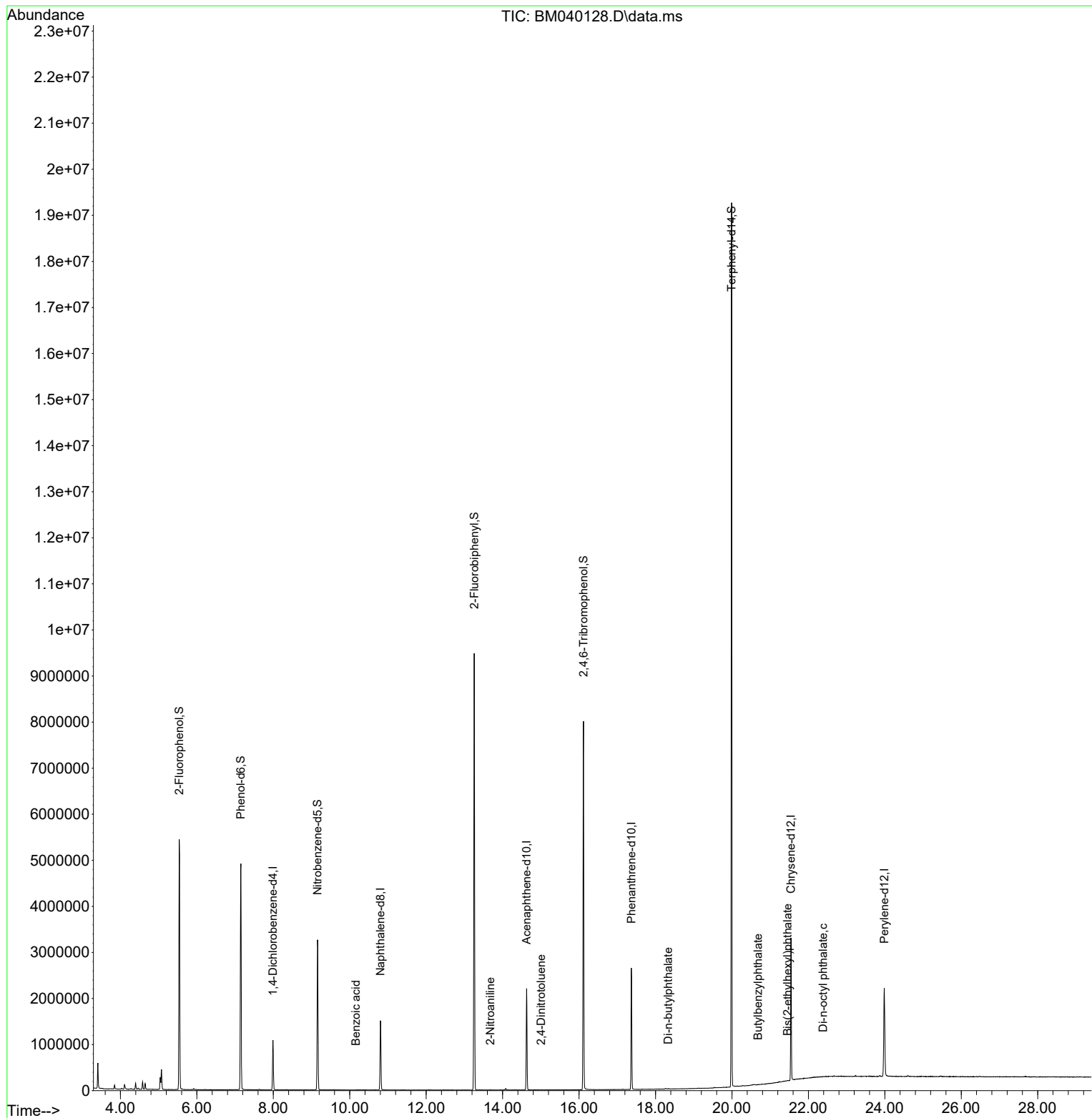
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	285423	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1231273	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	676803	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1435765	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1241336	20.000	ng	-0.01
86) Perylene-d12	23.986	264	1281939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2463205	132.379	ng	0.00
7) Phenol-d6	7.151	99	2921490	120.361	ng	0.00
23) Nitrobenzene-d5	9.157	82	1824235	79.946	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	1392745	158.548	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4478788	78.053	ng	0.00
79) Terphenyl-d14	19.992	244	8393588	104.989	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.163	122	114	7.810	ng	# 43
48) 2-Nitroaniline	13.680	65	79	2.566	ng	# 2
57) 2,4-Dinitrotoluene	15.010	165	55	3.752	ng	# 19
74) Di-n-butylphthalate	18.333	149	7249	3.730	ng	# 96
80) Butylbenzylphthalate	20.680	149	584	4.846	ng	# 64
84) Bis(2-ethylhexyl)phtha...	21.456	149	1542	3.626	ng	# 98
85) Di-n-octyl phthalate	22.386	149	406	6.617	ng	# 24

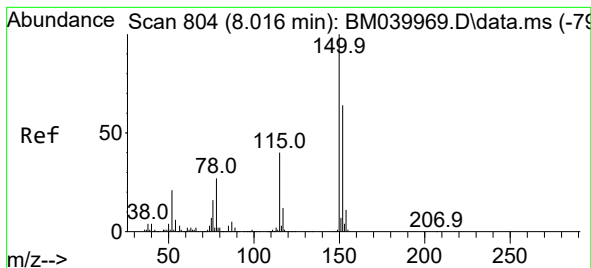
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
Data File : BM040128.D
Acq On : 07 Jun 2023 07:05
Operator : MA/JU
Sample : 03008-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-19-0A

Quant Time: Jun 07 08:00:23 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

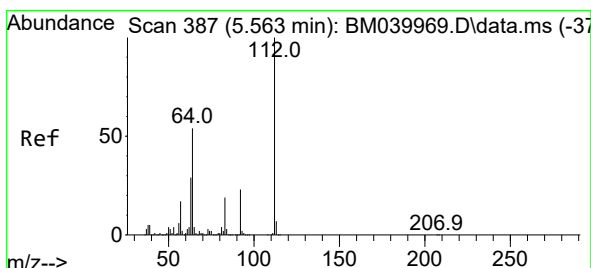
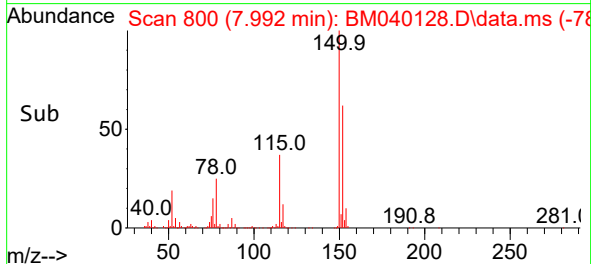
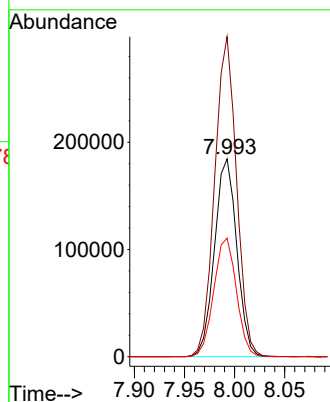
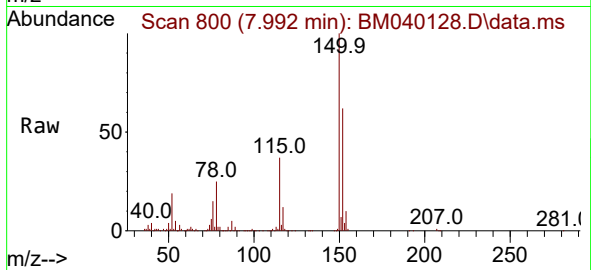




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM040128.D
Acq: 07 Jun 2023 07:05

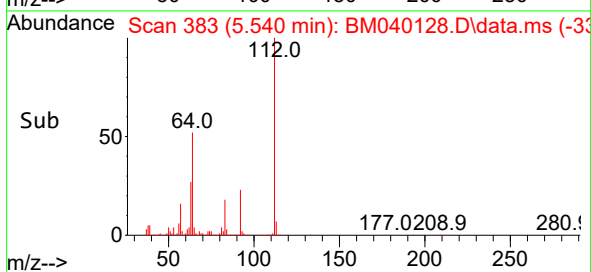
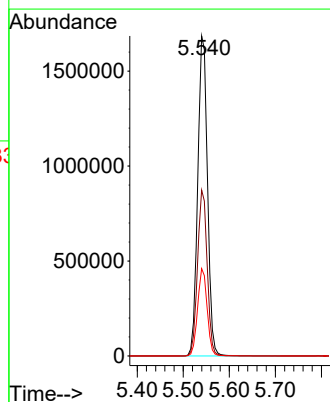
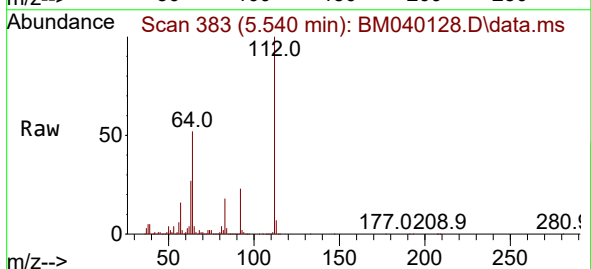
Instrument :
BNA_M
ClientSampleId :
TP-19-0A

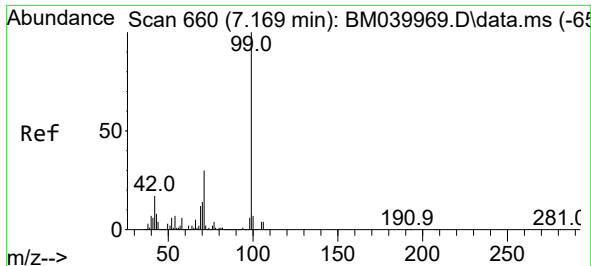
Tgt Ion:152 Resp: 285423
Ion Ratio Lower Upper
152 100
150 161.9 125.5 188.3
115 59.9 50.2 75.2



#5
2-Fluorophenol
Concen: 132.379 ng
RT: 5.540 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM040128.D
Acq: 07 Jun 2023 07:05

Tgt Ion:112 Resp: 2463205
Ion Ratio Lower Upper
112 100
64 51.8 43.0 64.4
63 27.3 22.9 34.3

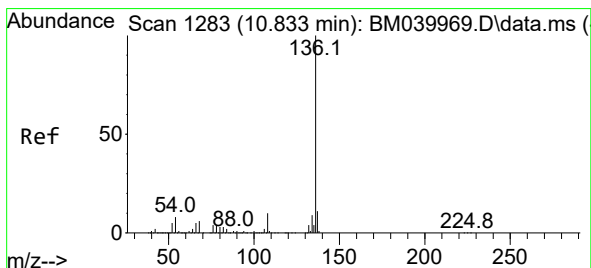
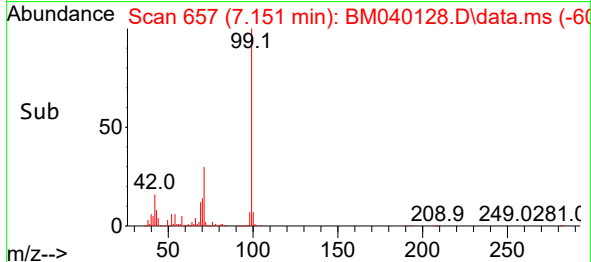
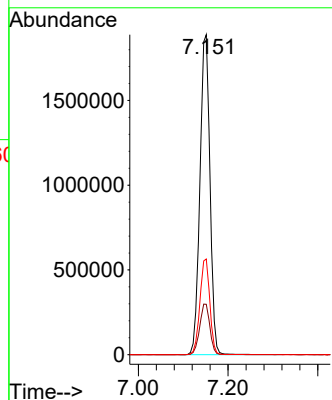
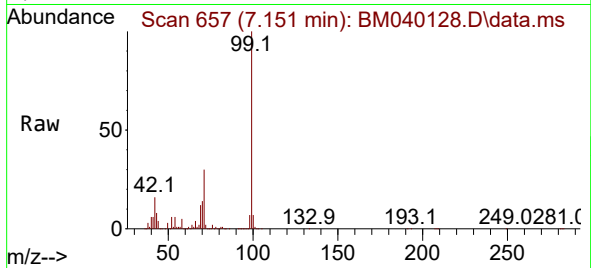




#7
Phenol-d6
Concen: 120.361 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040128.D
Acq: 07 Jun 2023 07:05

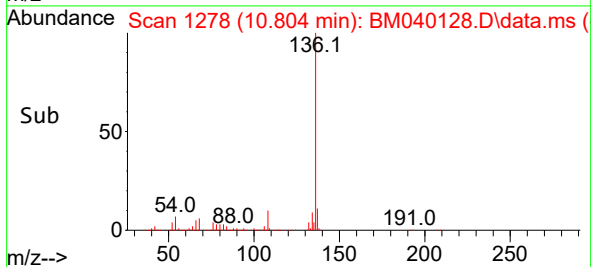
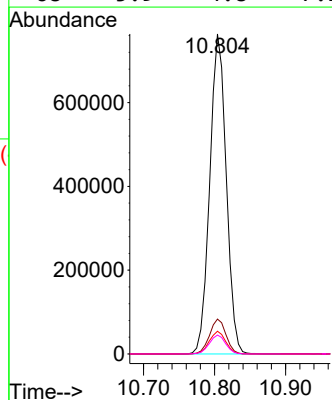
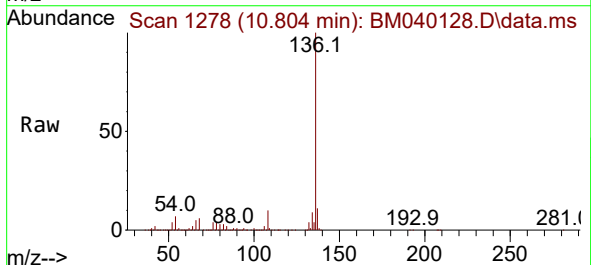
Instrument :
BNA_M
ClientSampleId :
TP-19-0A

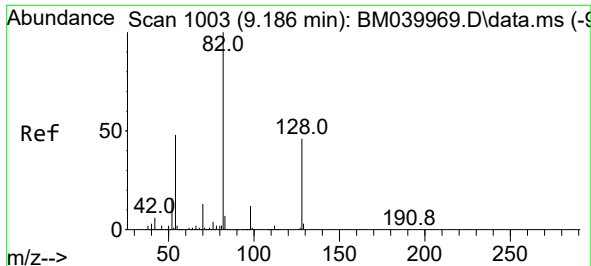
Tgt Ion: 99 Resp: 2921490
Ion Ratio Lower Upper
99 100
42 15.7 13.8 20.6
71 29.9 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM040128.D
Acq: 07 Jun 2023 07:05

Tgt Ion: 136 Resp: 1231273
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.1 6.1 9.1
68 5.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 79.946 ng

RT: 9.157 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM040128.D

Acq: 07 Jun 2023 07:05

Instrument :

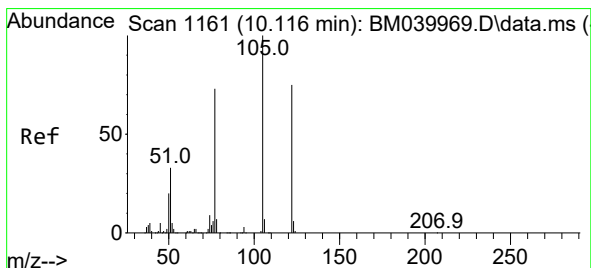
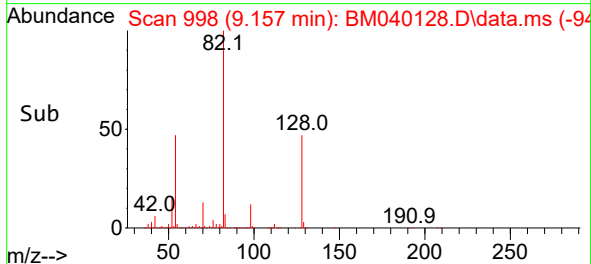
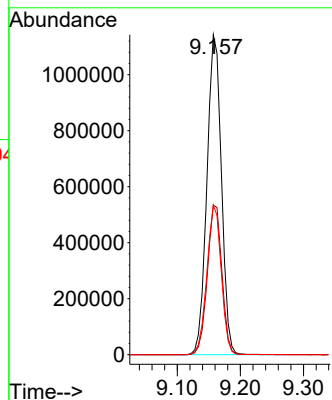
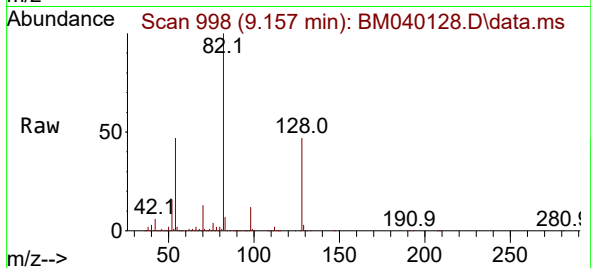
BNA_M

ClientSampleId :

TP-19-0A

Tgt Ion: 82 Resp: 1824235

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.5	54.7
54	46.7	38.3	57.5



#32

Benzoic acid

Concen: 7.810 ng

RT: 10.163 min Scan# 1169

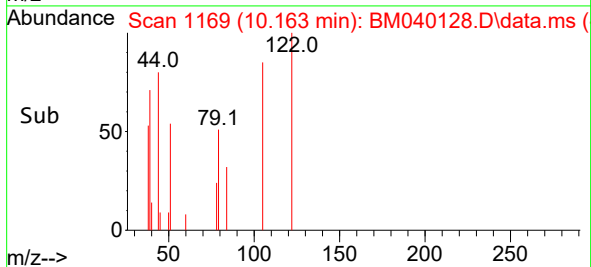
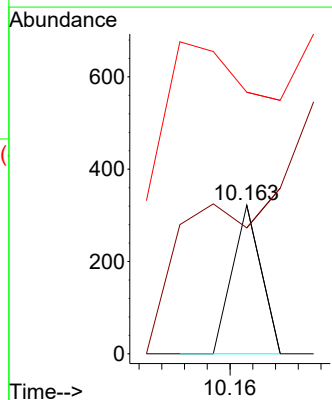
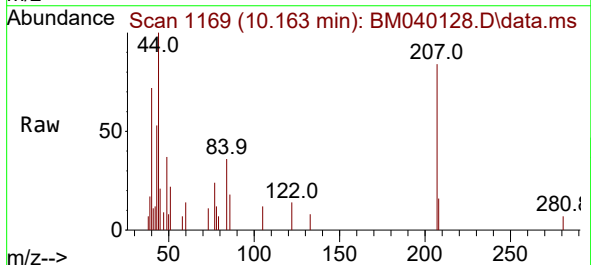
Delta R.T. 0.047 min

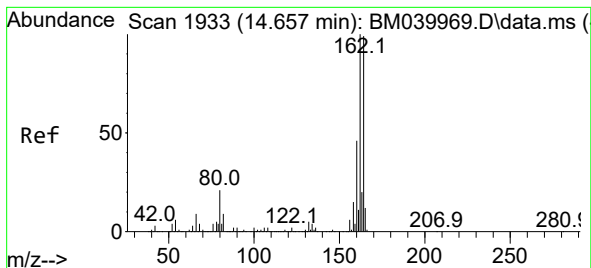
Lab File: BM040128.D

Acq: 07 Jun 2023 07:05

Tgt Ion:122 Resp: 114

Ion	Ratio	Lower	Upper
122	100		
105	84.8	106.0	146.0#
77	176.1	74.7	114.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.627 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BM040128.D

Acq: 07 Jun 2023 07:05

Instrument :

BNA_M

ClientSampleId :

TP-19-0A

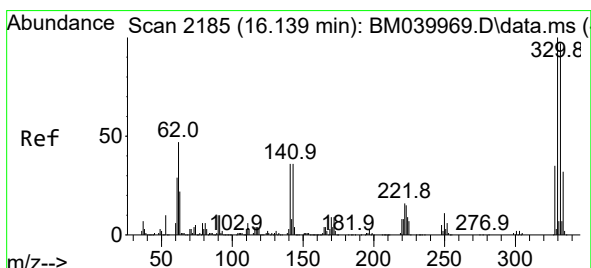
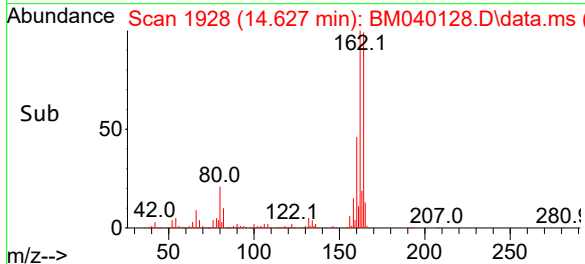
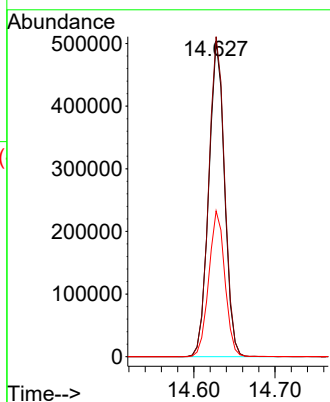
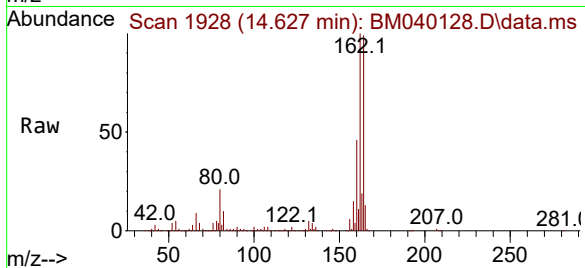
Tgt Ion:164 Resp: 676803

Ion Ratio Lower Upper

164 100

162 101.3 80.6 120.8

160 46.2 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 158.548 ng

RT: 16.116 min Scan# 2181

Delta R.T. -0.006 min

Lab File: BM040128.D

Acq: 07 Jun 2023 07:05

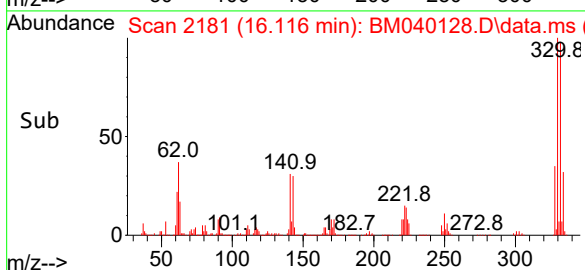
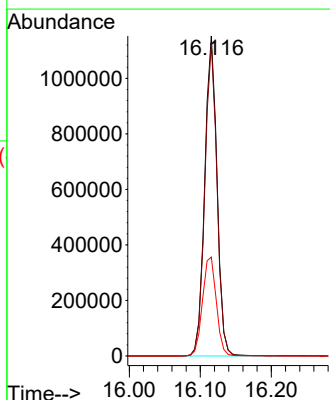
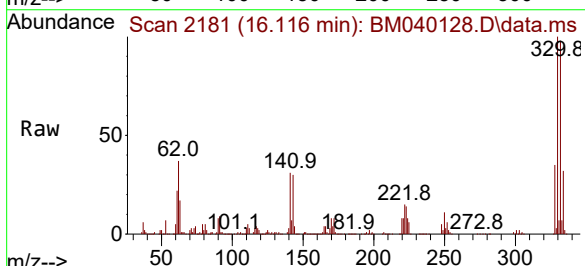
Tgt Ion:330 Resp: 1392745

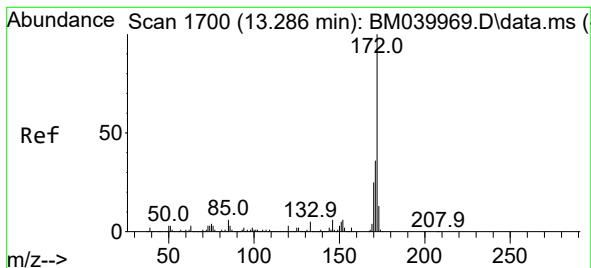
Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

141 34.7 31.6 47.4





#45

2-Fluorobiphenyl

Concen: 78.053 ng

RT: 13.257 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM040128.D

Acq: 07 Jun 2023 07:05

Instrument :

BNA_M

ClientSampleId :

TP-19-0A

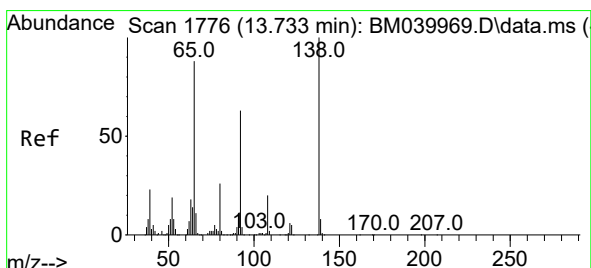
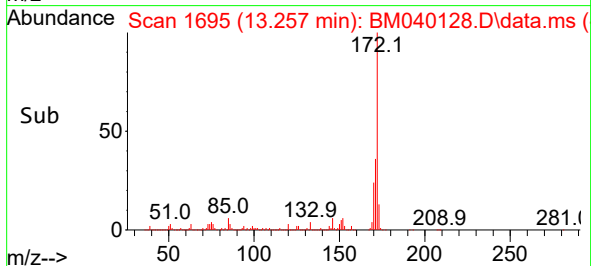
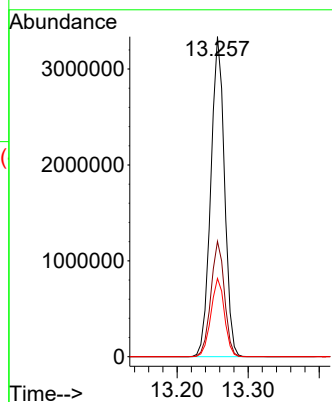
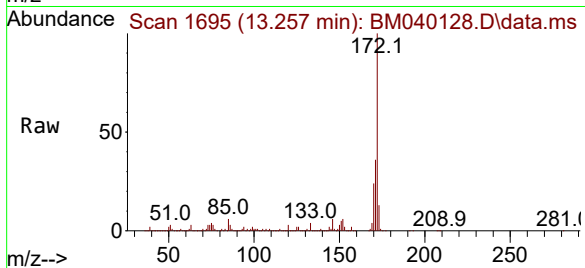
Tgt Ion:172 Resp: 4478788

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.4 19.6 29.4



#48

2-Nitroaniline

Concen: 2.566 ng

RT: 13.680 min Scan# 1767

Delta R.T. -0.036 min

Lab File: BM040128.D

Acq: 07 Jun 2023 07:05

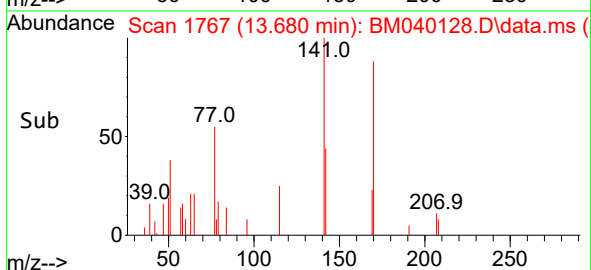
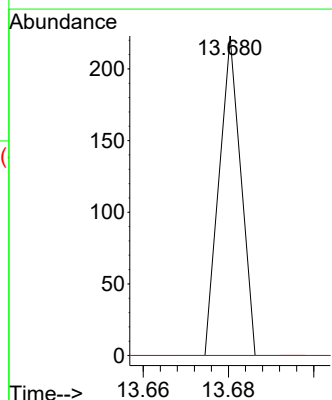
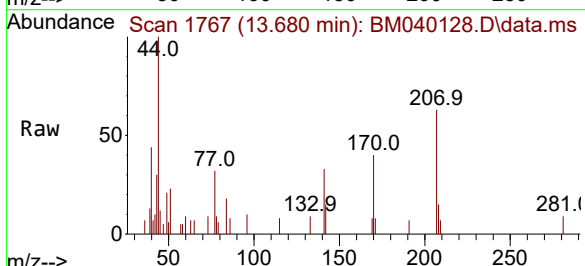
Tgt Ion: 65 Resp: 79

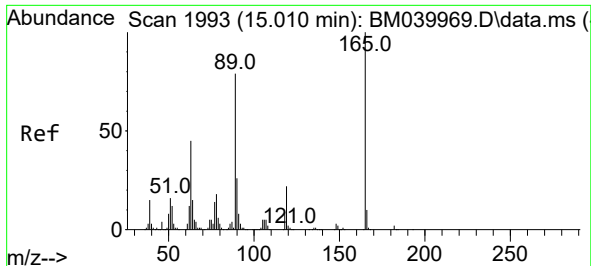
Ion Ratio Lower Upper

65 100

92 0.0 57.0 85.6#

138 0.0 91.1 136.7#





#57

2,4-Dinitrotoluene

Concen: 3.752 ng

RT: 15.010 min Scan# 1993

Delta R.T. 0.017 min

Lab File: BM040128.D

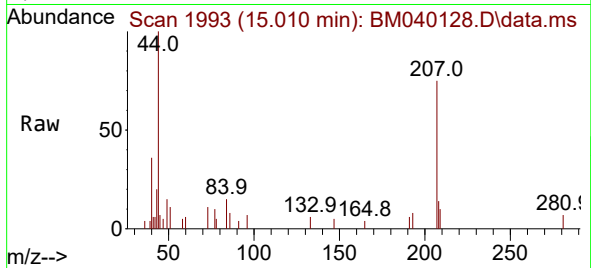
Acq: 07 Jun 2023 07:05

Instrument :

BNA_M

ClientSampleId :

TP-19-0A



Tgt Ion:165 Resp: 55

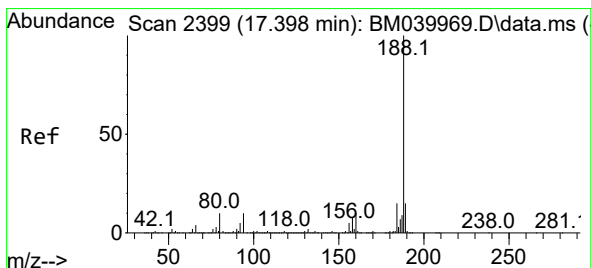
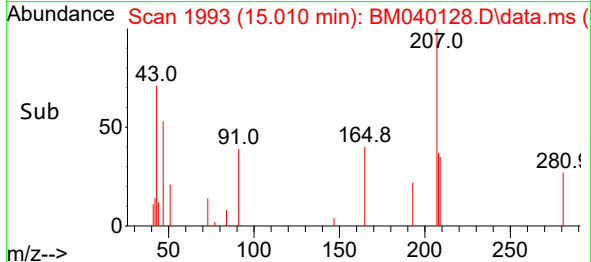
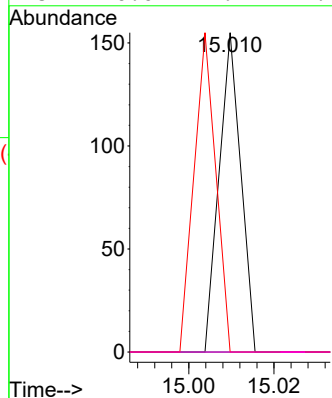
Ion Ratio Lower Upper

165 100

63 0.0 36.2 54.2#

89 0.0 63.4 95.0#

182 0.0 1.9 2.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 2394

Delta R.T. -0.006 min

Lab File: BM040128.D

Acq: 07 Jun 2023 07:05

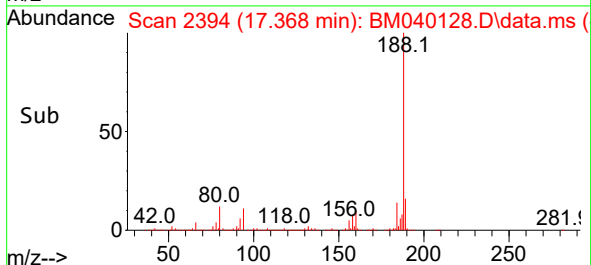
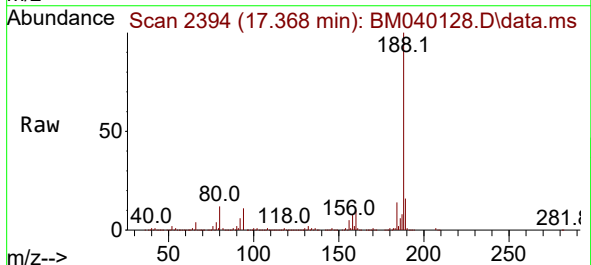
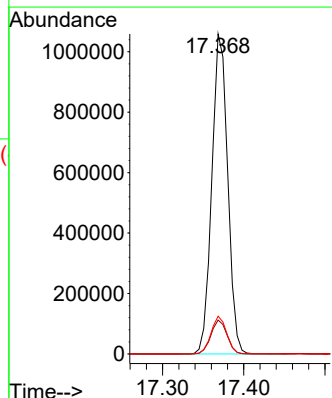
Tgt Ion:188 Resp: 1435765

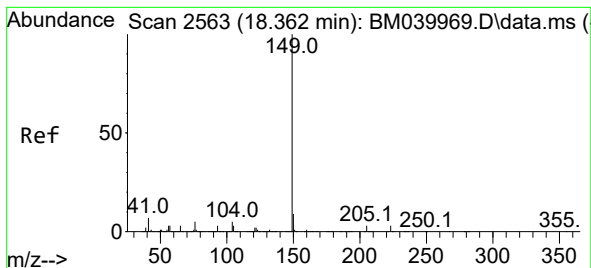
Ion Ratio Lower Upper

188 100

94 10.6 7.8 11.8

80 11.8 8.2 12.4





#74

Di-n-butylphthalate

Concen: 3.730 ng

RT: 18.333 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM040128.D

Acq: 07 Jun 2023 07:05

Instrument :

BNA_M

ClientSampleId :

TP-19-0A

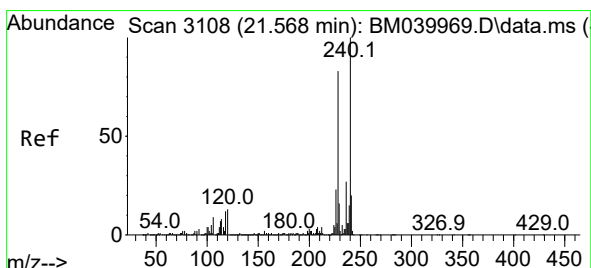
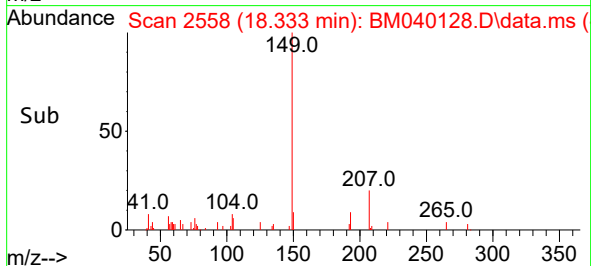
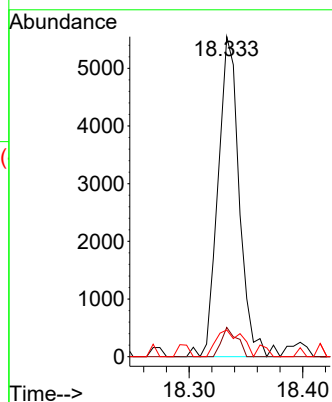
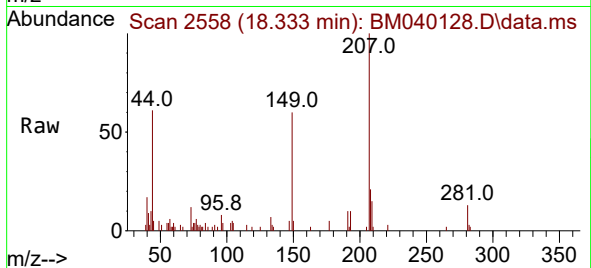
Tgt Ion:149 Resp: 7249

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 8.4 4.2 6.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3104

Delta R.T. -0.012 min

Lab File: BM040128.D

Acq: 07 Jun 2023 07:05

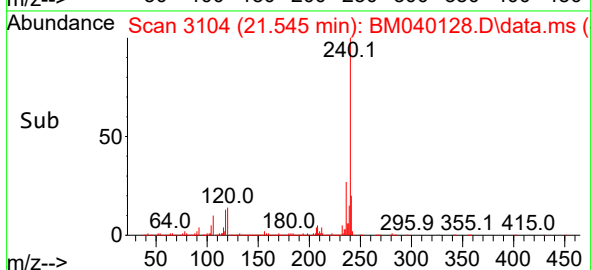
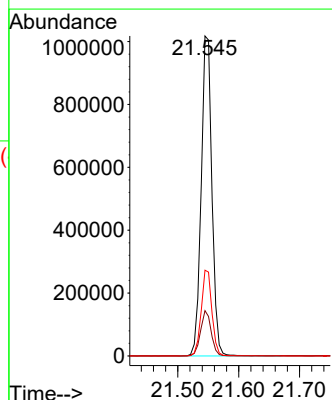
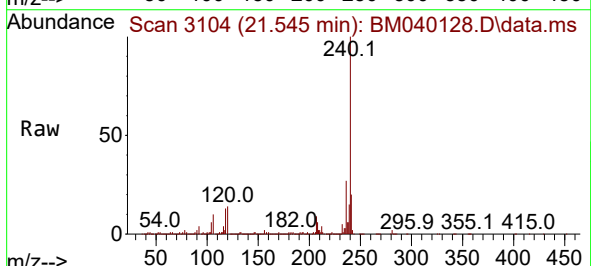
Tgt Ion:240 Resp: 1241336

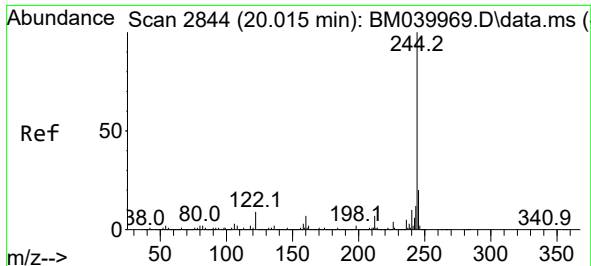
Ion Ratio Lower Upper

240 100

120 14.1 10.1 15.1

236 26.8 21.3 31.9

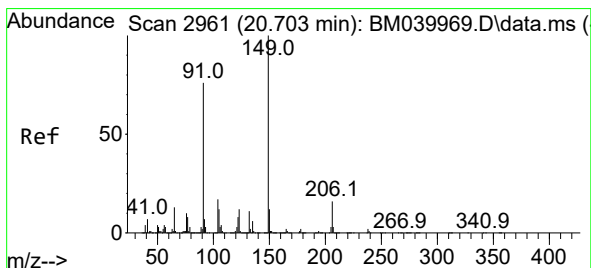
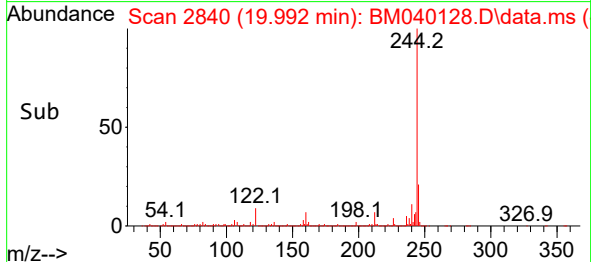
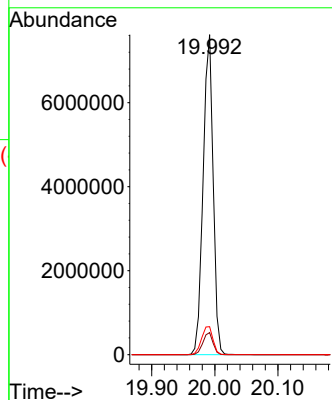
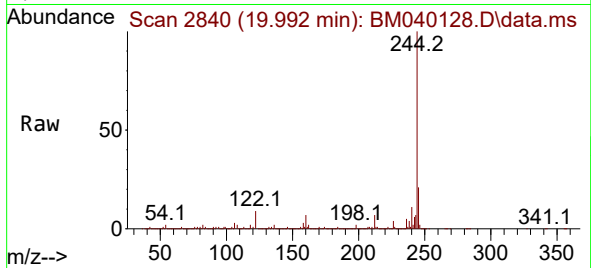




#79
 Terphenyl-d14
 Concen: 104.989 ng
 RT: 19.992 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040128.D
 Acq: 07 Jun 2023 07:05

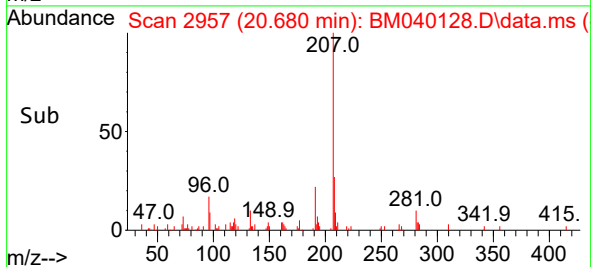
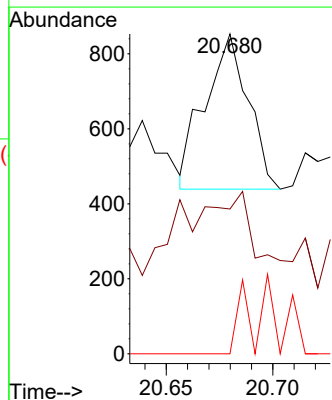
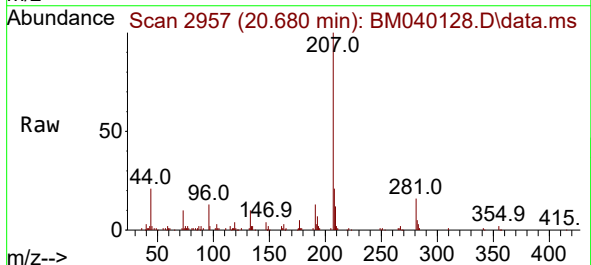
Instrument :
 BNA_M
 ClientSampleId :
 TP-19-0A

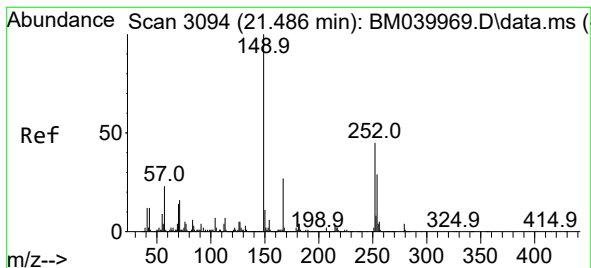
Tgt Ion:244 Resp: 8393588
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 8.7 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 4.846 ng
 RT: 20.680 min Scan# 2957
 Delta R.T. -0.006 min
 Lab File: BM040128.D
 Acq: 07 Jun 2023 07:05

Tgt Ion:149 Resp: 584
 Ion Ratio Lower Upper
 149 100
 91 45.3 61.0 91.4#
 206 0.0 12.7 19.1#

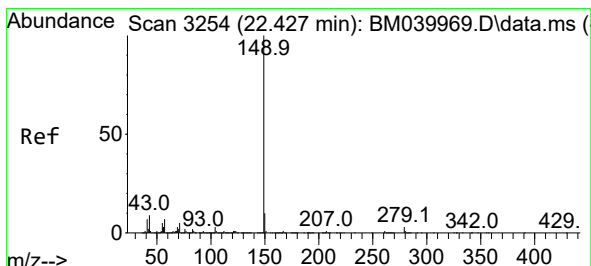
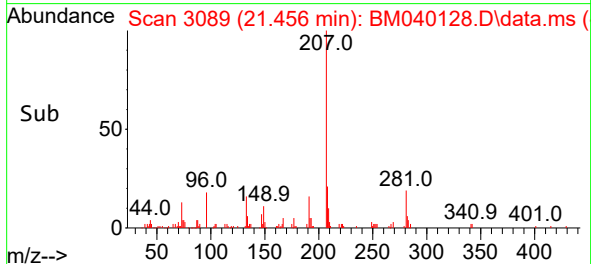
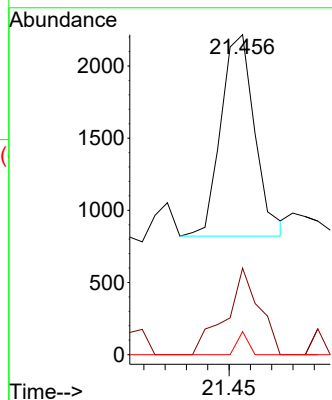
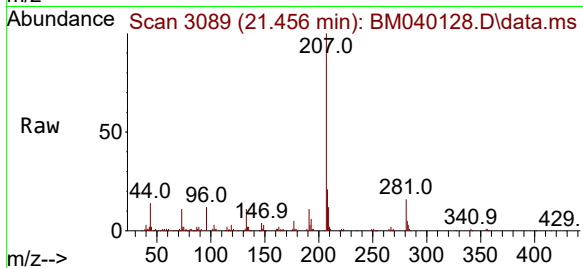




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.626 ng
 RT: 21.456 min Scan# 3094
 Delta R.T. -0.006 min
 Lab File: BM040128.D
 Acq: 07 Jun 2023 07:05

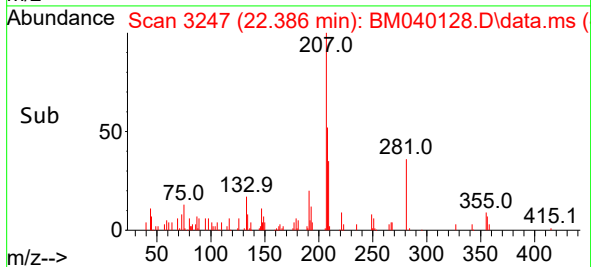
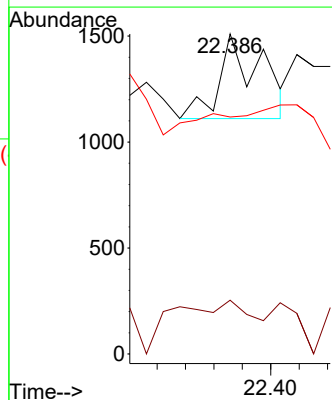
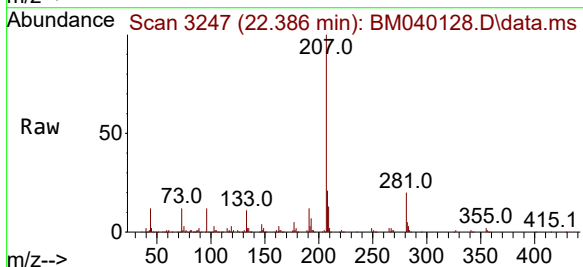
Instrument :
 BNA_M
 ClientSampleId :
 TP-19-0A

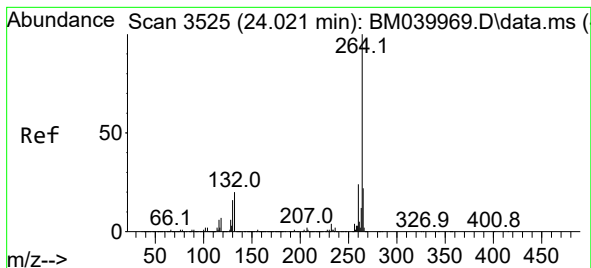
Tgt Ion:149 Resp: 1542
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.4 32.2
 279 7.2 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 6.617 ng
 RT: 22.386 min Scan# 3247
 Delta R.T. -0.018 min
 Lab File: BM040128.D
 Acq: 07 Jun 2023 07:05

Tgt Ion:149 Resp: 406
 Ion Ratio Lower Upper
 149 100
 167 161.8 1.1 1.7#
 43 0.0 7.4 11.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.986 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM040128.D

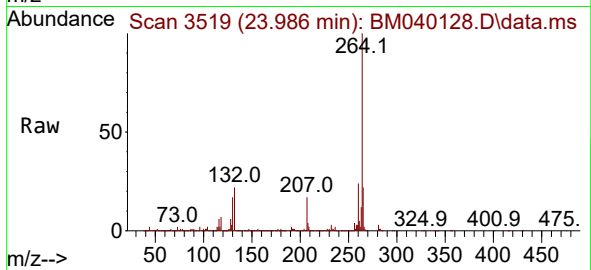
Acq: 07 Jun 2023 07:05

Instrument :

BNA_M

ClientSampleId :

TP-19-0A



Tgt Ion:264 Resp: 1281939

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 22.0 17.7 26.5

