

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
 Data File : BM039984.D
 Acq On : 24 May 2023 15:09
 Operator : CG/JU
 Sample : 02899-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP01

Quant Time: May 24 15:49:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 01:06:13 2023
 Response via : Initial Calibration

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

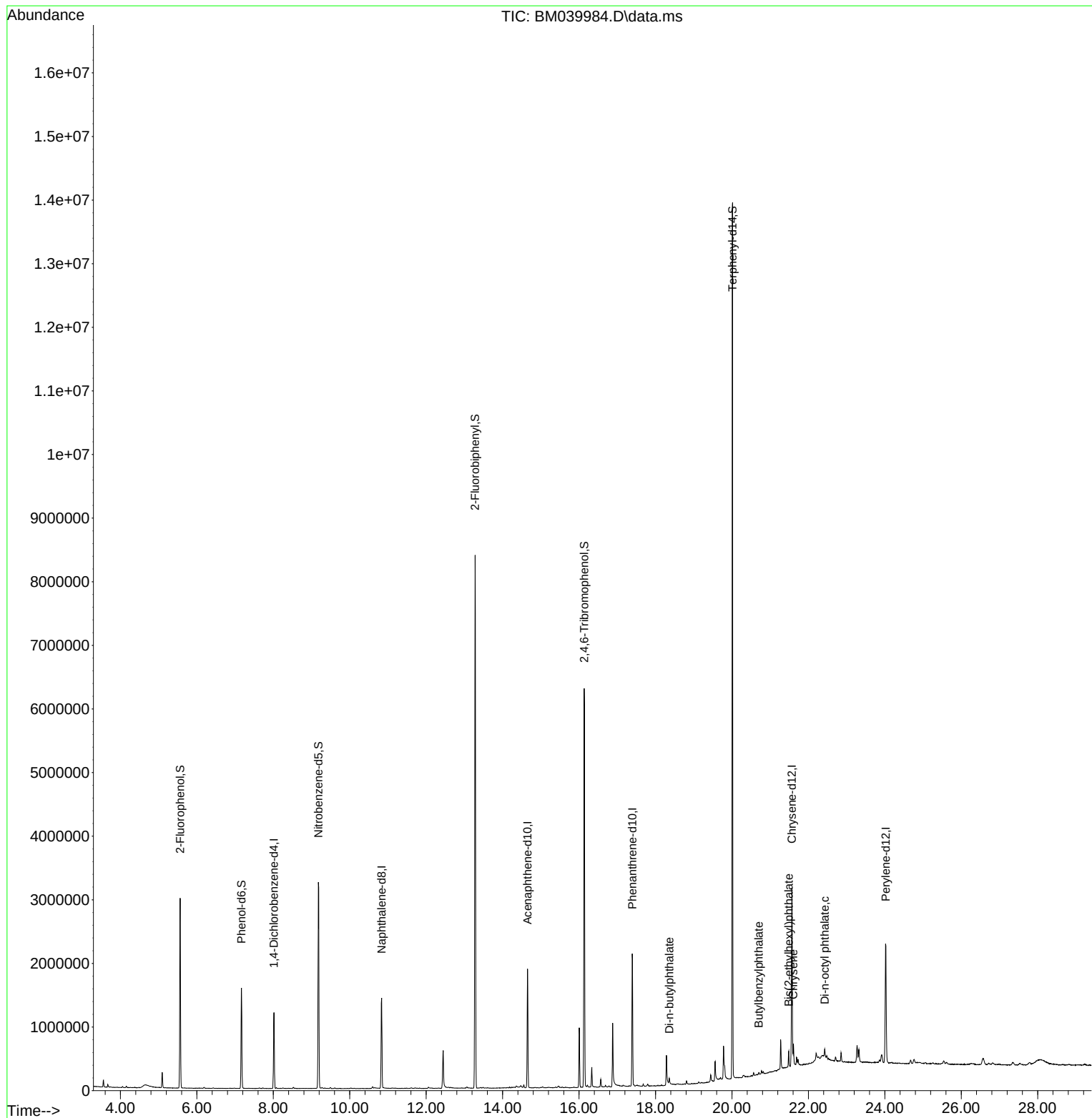
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	317171	20.000	ng	0.00
21) Naphthalene-d8	10.833	136	1212764	20.000	ng	0.00
39) Acenaphthene-d10	14.651	164	608885	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	1204308	20.000	ng	0.00
76) Chrysene-d12	21.568	240	1211541	20.000	ng	0.00
86) Perylene-d12	24.027	264	1315993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1324766	64.070	ng	0.00
7) Phenol-d6	7.169	99	966220	35.822	ng	0.00
23) Nitrobenzene-d5	9.181	82	1842097	81.961	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	1163157	147.182	ng	0.00
45) 2-Fluorobiphenyl	13.280	172	4128245	79.969	ng	0.00
79) Terphenyl-d14	20.015	244	6438878	82.520	ng	0.00
Target Compounds						
						Qvalue
74) Di-n-butylphthalate	18.362	149	67547	4.419	ng	99
80) Butylbenzylphthalate	20.703	149	12721	5.145	ng	91
83) Chrysene	21.609	228	168975	2.053	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	102511	5.230	ng	98
85) Di-n-octyl phthalate	22.427	149	95452	7.533	ng	# 98

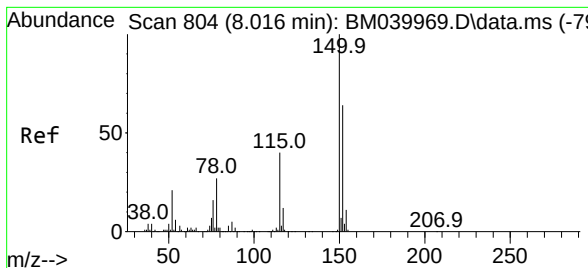
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
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BNA_M
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Quant Time: May 24 15:49:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 01:06:13 2023
Response via : Initial Calibration

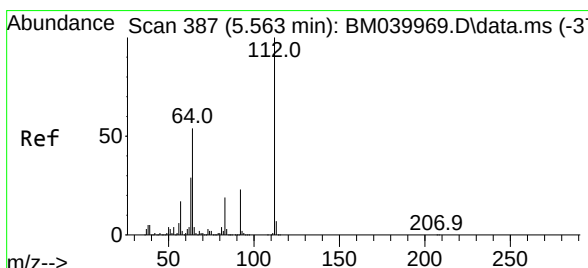
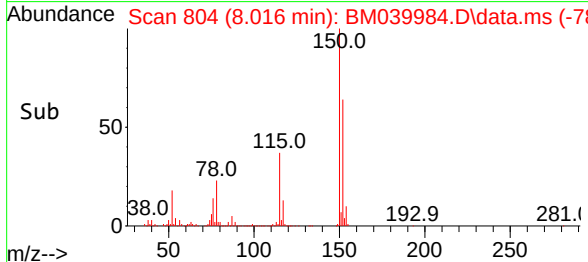
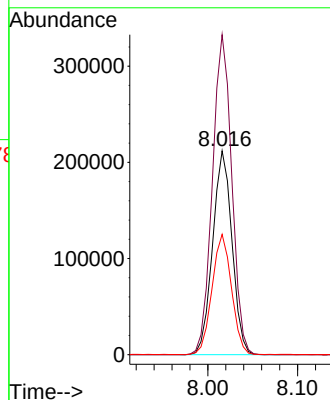
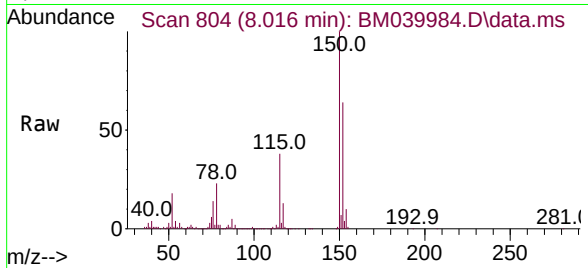




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.016 min Scan# 804
Delta R.T. -0.000 min
Lab File: BM039984.D
Acq: 24 May 2023 15:09

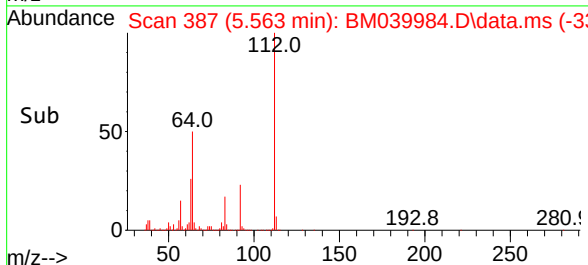
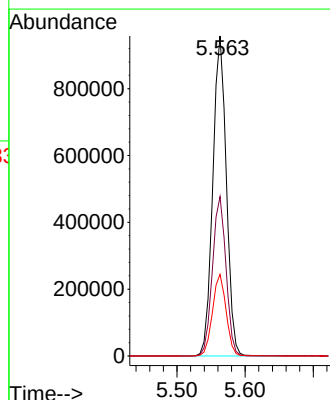
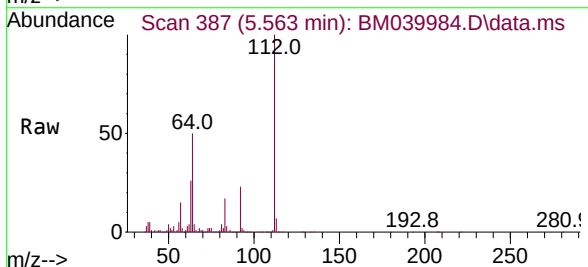
Instrument :
BNA_M
ClientSampleId :
TWP01

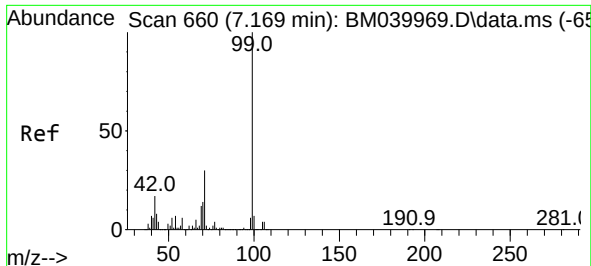
Tgt Ion:152 Resp: 317171
Ion Ratio Lower Upper
152 100
150 156.9 125.5 188.3
115 59.0 50.2 75.2



#5
2-Fluorophenol
Concen: 64.070 ng
RT: 5.563 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM039984.D
Acq: 24 May 2023 15:09

Tgt Ion:112 Resp: 1324766
Ion Ratio Lower Upper
112 100
64 49.8 43.0 64.4
63 25.5 22.9 34.3

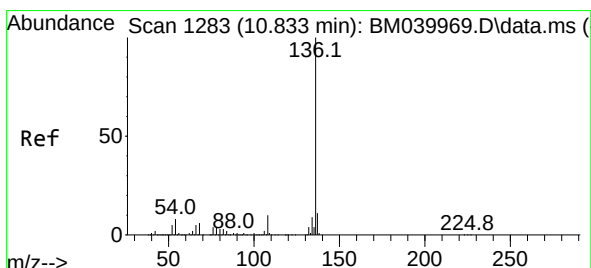
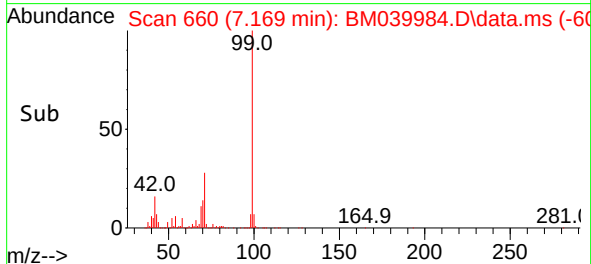
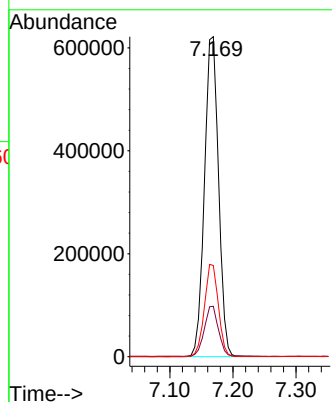
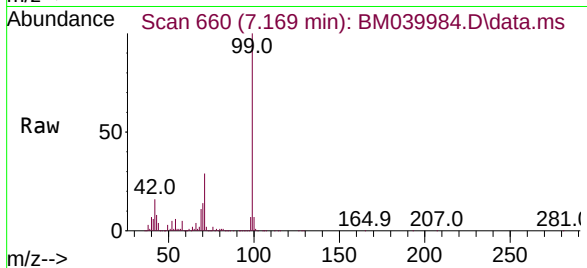




#7
Phenol-d6
Concen: 35.822 ng
RT: 7.169 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM039984.D
Acq: 24 May 2023 15:09

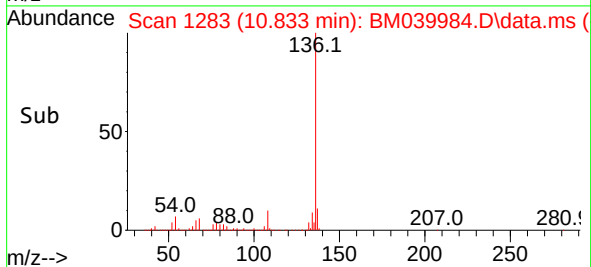
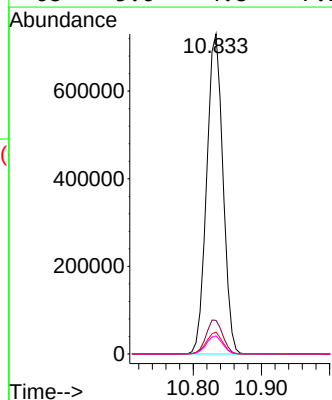
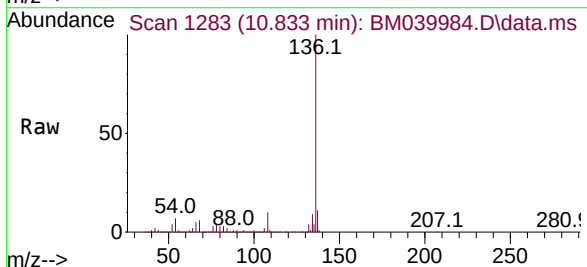
Instrument :
BNA_M
ClientSampleId :
TWP01

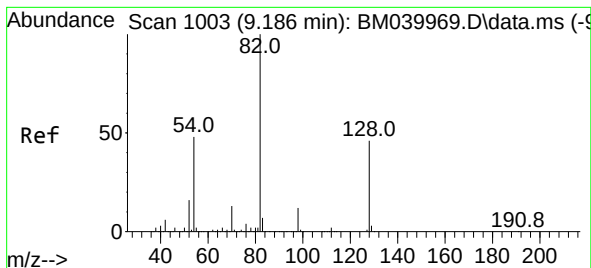
Tgt Ion: 99 Resp: 966220
Ion Ratio Lower Upper
99 100
42 15.7 13.8 20.6
71 28.5 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.833 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM039984.D
Acq: 24 May 2023 15:09

Tgt Ion: 136 Resp: 1212764
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 6.8 6.1 9.1
68 5.6 4.8 7.2

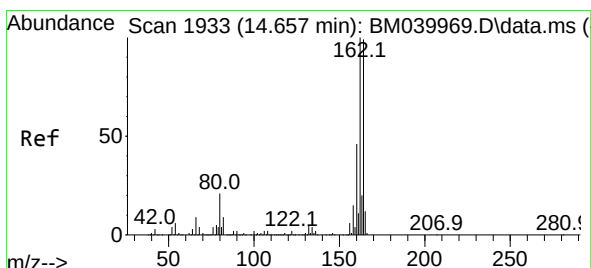
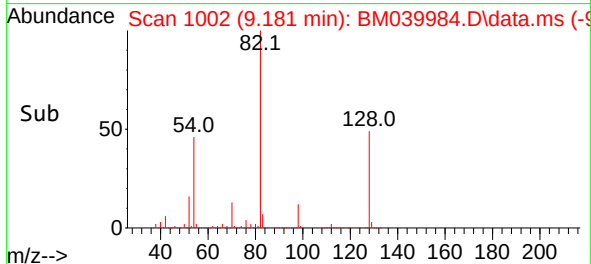
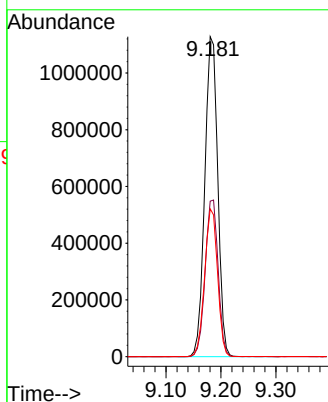
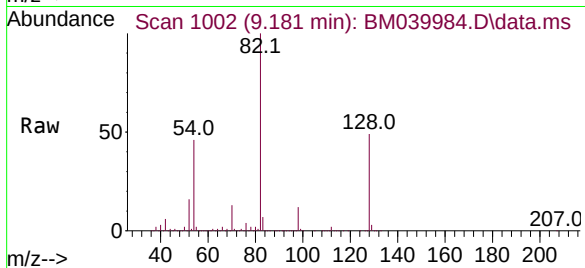




#23
Nitrobenzene-d5
Concen: 81.961 ng
RT: 9.181 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BM039984.D
Acq: 24 May 2023 15:09

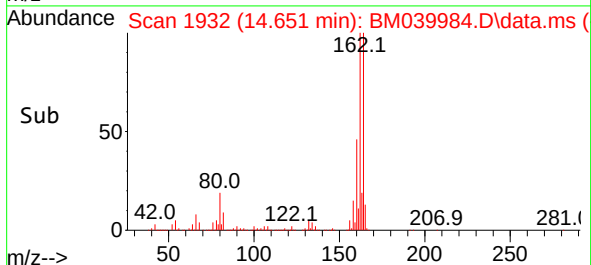
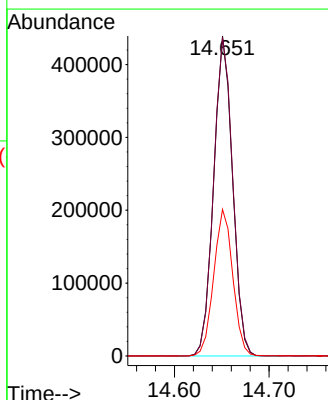
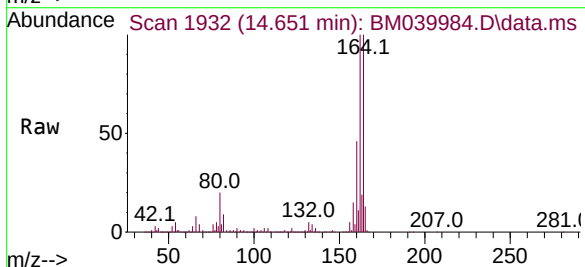
Instrument :
BNA_M
ClientSampleId :
TWP01

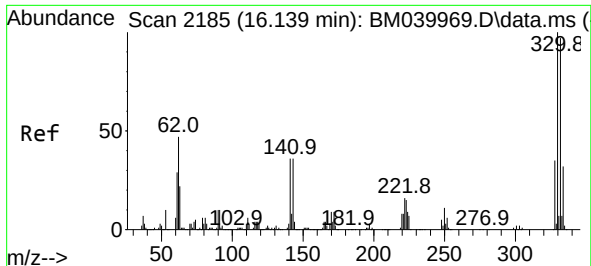
Tgt Ion: 82 Resp: 1842097
Ion Ratio Lower Upper
82 100
128 48.6 36.5 54.7
54 46.2 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.651 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM039984.D
Acq: 24 May 2023 15:09

Tgt Ion:164 Resp: 608885
Ion Ratio Lower Upper
164 100
162 99.6 80.6 120.8
160 45.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 147.182 ng

RT: 16.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039984.D

Acq: 24 May 2023 15:09

Instrument :

BNA_M

ClientSampleId :

TWP01

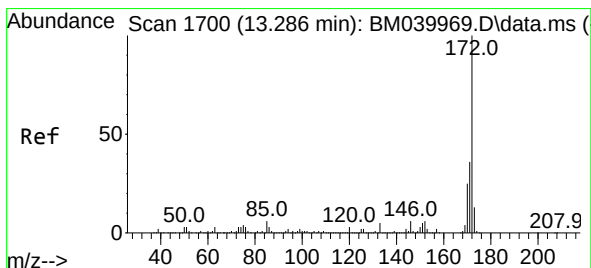
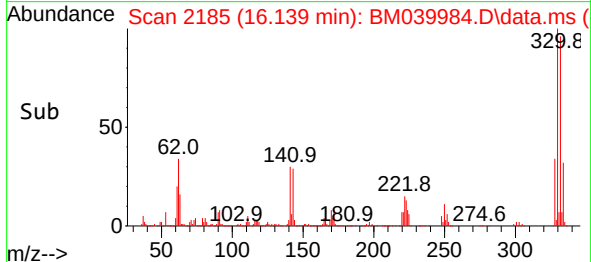
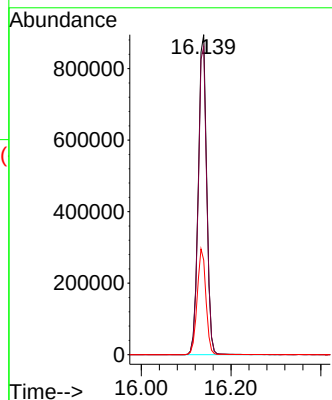
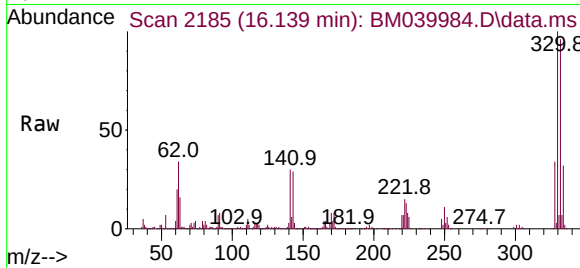
Tgt Ion:330 Resp: 1163157

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

141 34.3 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 79.969 ng

RT: 13.280 min Scan# 1699

Delta R.T. -0.006 min

Lab File: BM039984.D

Acq: 24 May 2023 15:09

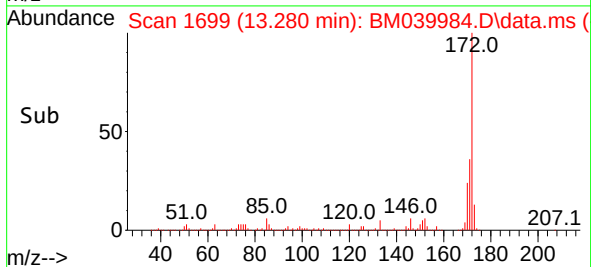
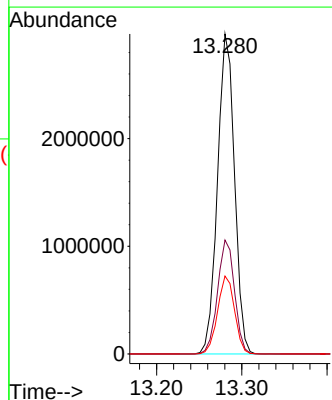
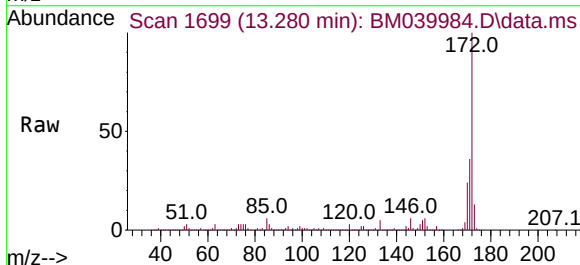
Tgt Ion:172 Resp: 4128245

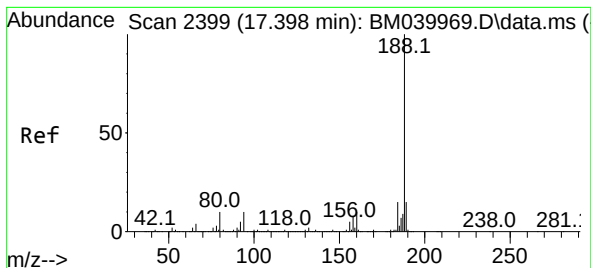
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.3 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039984.D

Acq: 24 May 2023 15:09

Instrument :

BNA_M

ClientSampleId :

TWP01

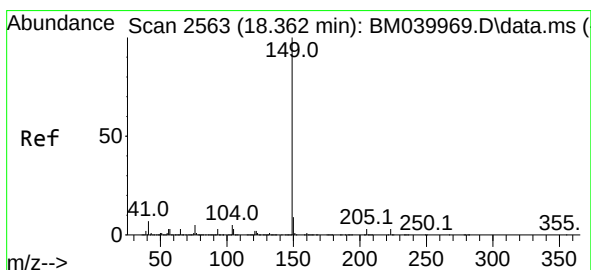
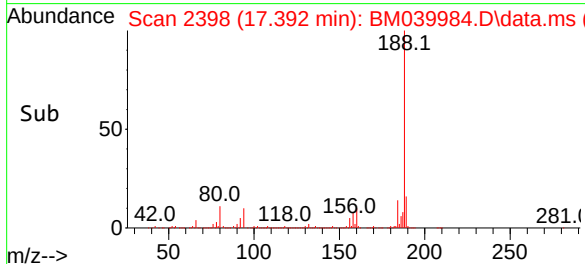
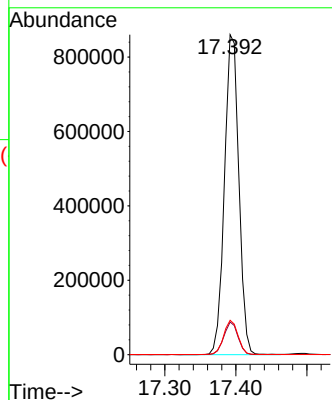
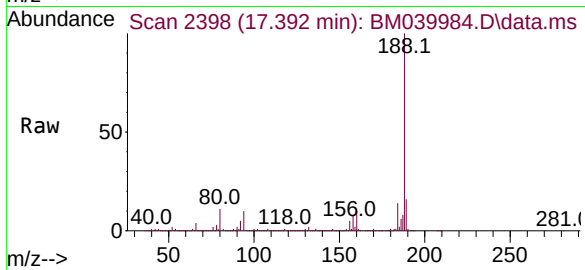
Tgt Ion:188 Resp: 1204308

Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.8

80 10.8 8.2 12.4



#74

Di-n-butylphthalate

Concen: 4.419 ng

RT: 18.362 min Scan# 2563

Delta R.T. 0.000 min

Lab File: BM039984.D

Acq: 24 May 2023 15:09

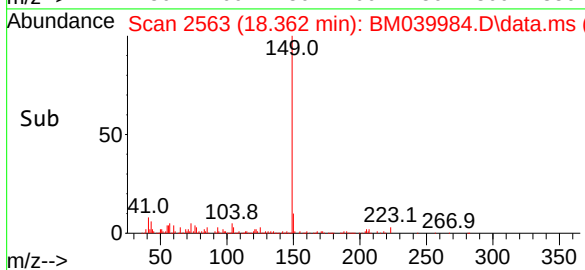
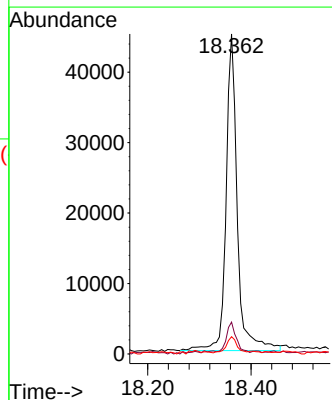
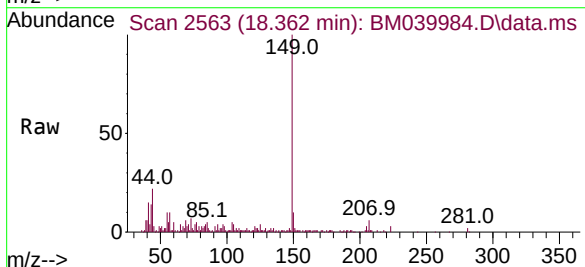
Tgt Ion:149 Resp: 67547

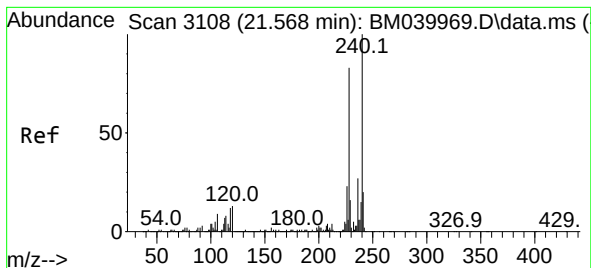
Ion Ratio Lower Upper

149 100

150 10.0 7.4 11.2

104 5.4 4.2 6.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM039984.D

Acq: 24 May 2023 15:09

Instrument :

BNA_M

ClientSampleId :

TWP01

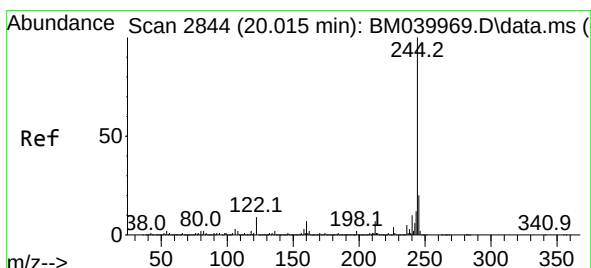
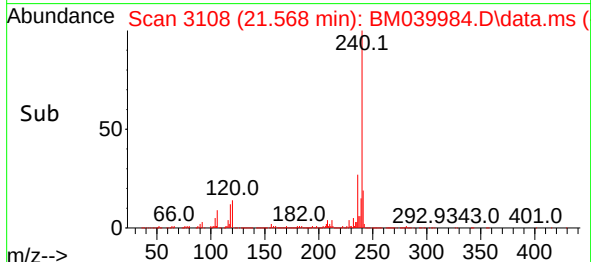
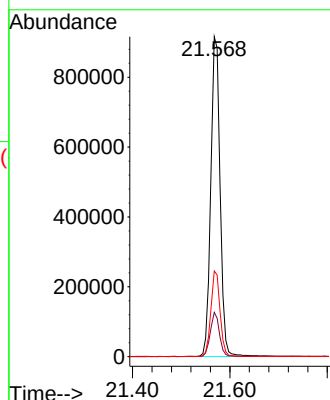
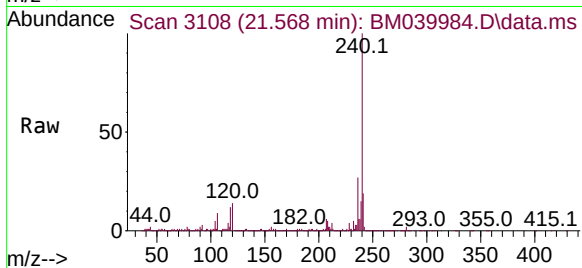
Tgt Ion:240 Resp: 1211541

Ion Ratio Lower Upper

240 100

120 13.9 10.1 15.1

236 26.8 21.3 31.9



#79

Terphenyl-d14

Concen: 82.520 ng

RT: 20.015 min Scan# 2844

Delta R.T. -0.000 min

Lab File: BM039984.D

Acq: 24 May 2023 15:09

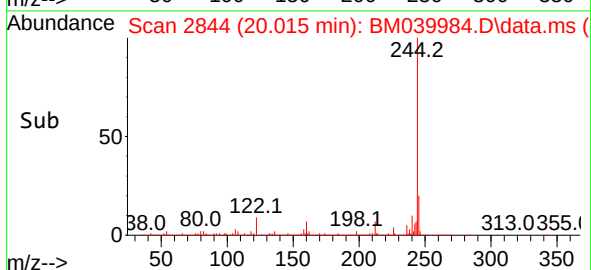
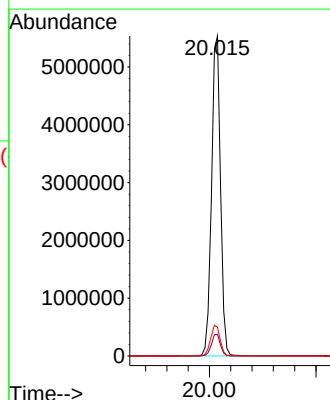
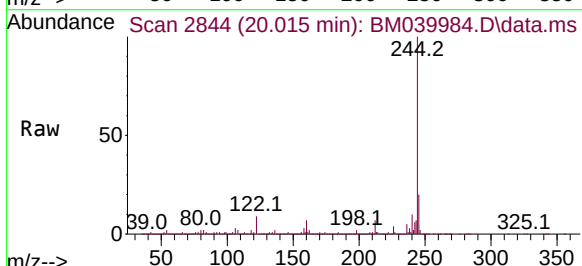
Tgt Ion:244 Resp: 6438878

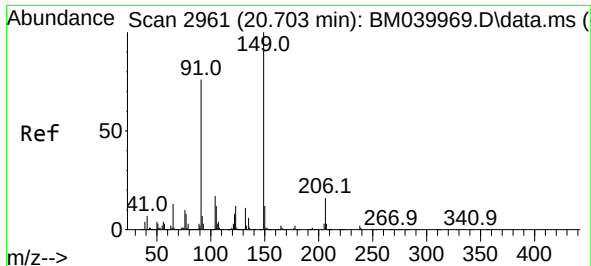
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 8.9 7.1 10.7

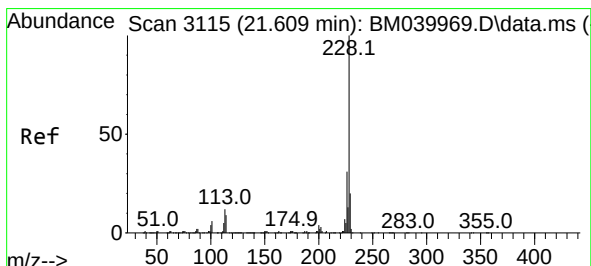
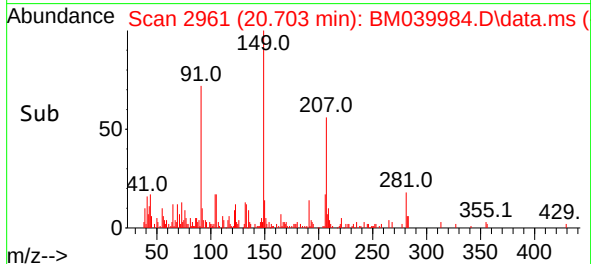
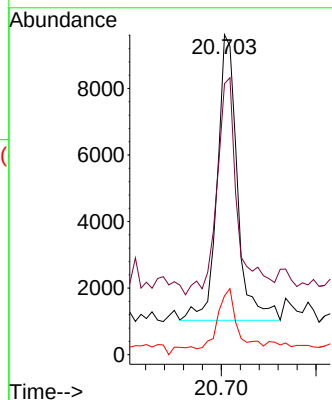
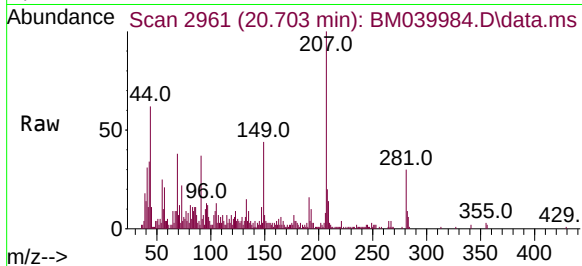




#80
Butylbenzylphthalate
Concen: 5.145 ng
RT: 20.703 min Scan# 2961
Delta R.T. 0.000 min
Lab File: BM039984.D
Acq: 24 May 2023 15:09

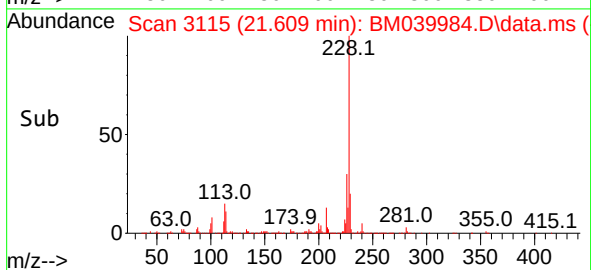
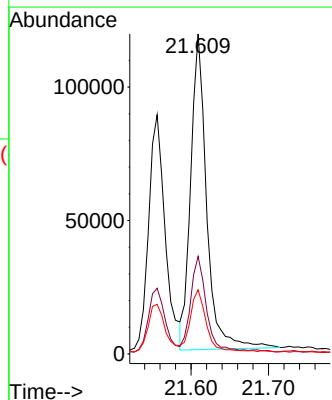
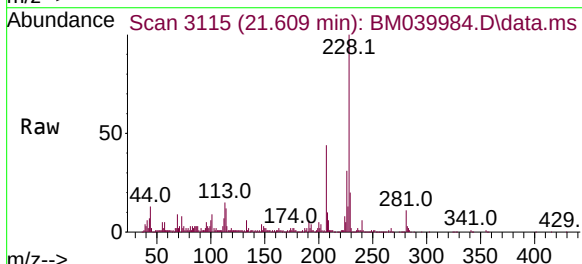
Instrument :
BNA_M
ClientSampleId :
TWP01

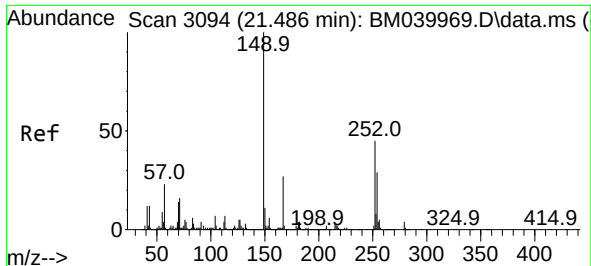
Tgt Ion:149 Resp: 12721
Ion Ratio Lower Upper
149 100
91 84.7 61.0 91.4
206 18.4 12.7 19.1



#83
Chrysene
Concen: 2.053 ng
RT: 21.609 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM039984.D
Acq: 24 May 2023 15:09

Tgt Ion:228 Resp: 168975
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 20.1 15.9 23.9

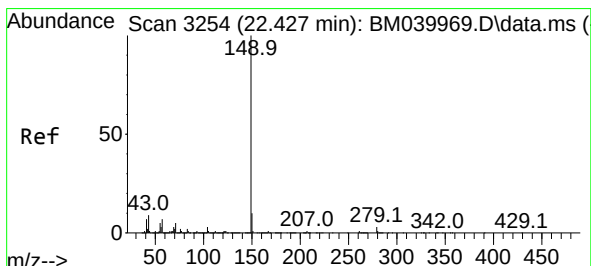
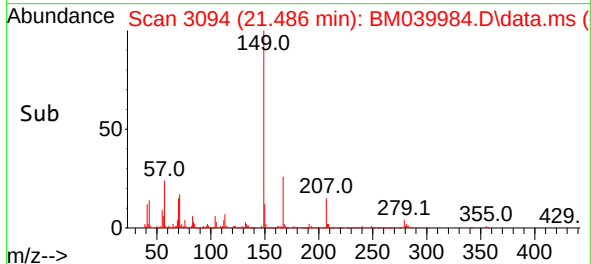
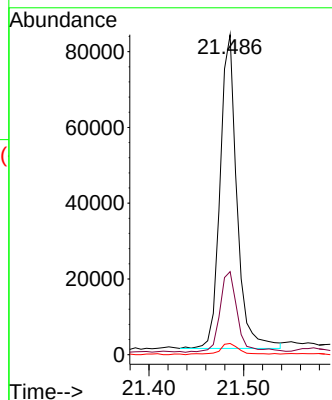
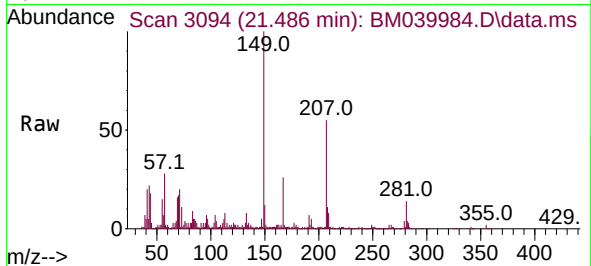




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.230 ng
 RT: 21.486 min Scan# 3094
 Delta R.T. -0.000 min
 Lab File: BM039984.D
 Acq: 24 May 2023 15:09

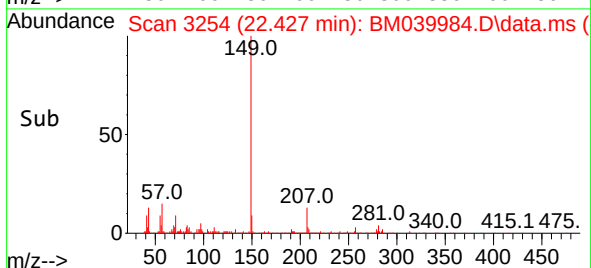
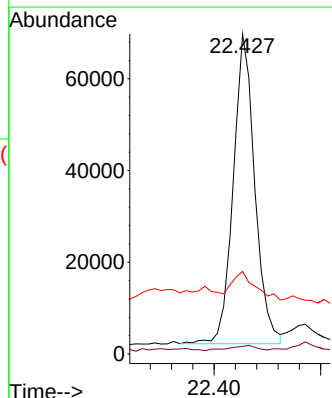
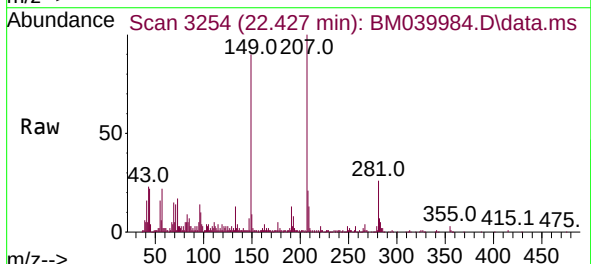
Instrument :
 BNA_M
 ClientSampleId :
 TWP01

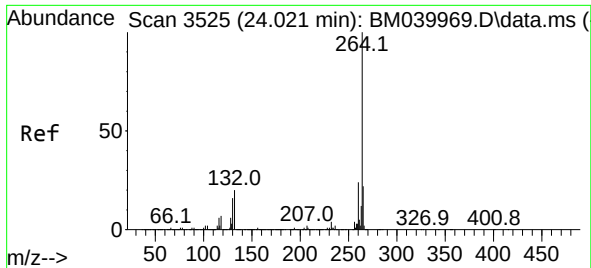
Tgt Ion:149 Resp: 102511
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.4 32.2
 279 3.5 3.3 4.9



#85
 Di-n-octyl phthalate
 Concen: 7.533 ng
 RT: 22.427 min Scan# 3254
 Delta R.T. -0.000 min
 Lab File: BM039984.D
 Acq: 24 May 2023 15:09

Tgt Ion:149 Resp: 95452
 Ion Ratio Lower Upper
 149 100
 167 2.2 1.1 1.7#
 43 8.7 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.027 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039984.D
Acq: 24 May 2023 15:09

Instrument :
BNA_M
ClientSampleId :
TWP01

Tgt Ion:264 Resp: 1315993

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.5	17.7	26.5

