

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040112.D
 Acq On : 06 Jun 2023 20:11
 Operator : MA/JU
 Sample : 03001-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP16-0A

Quant Time: Jun 07 02:13:38 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)

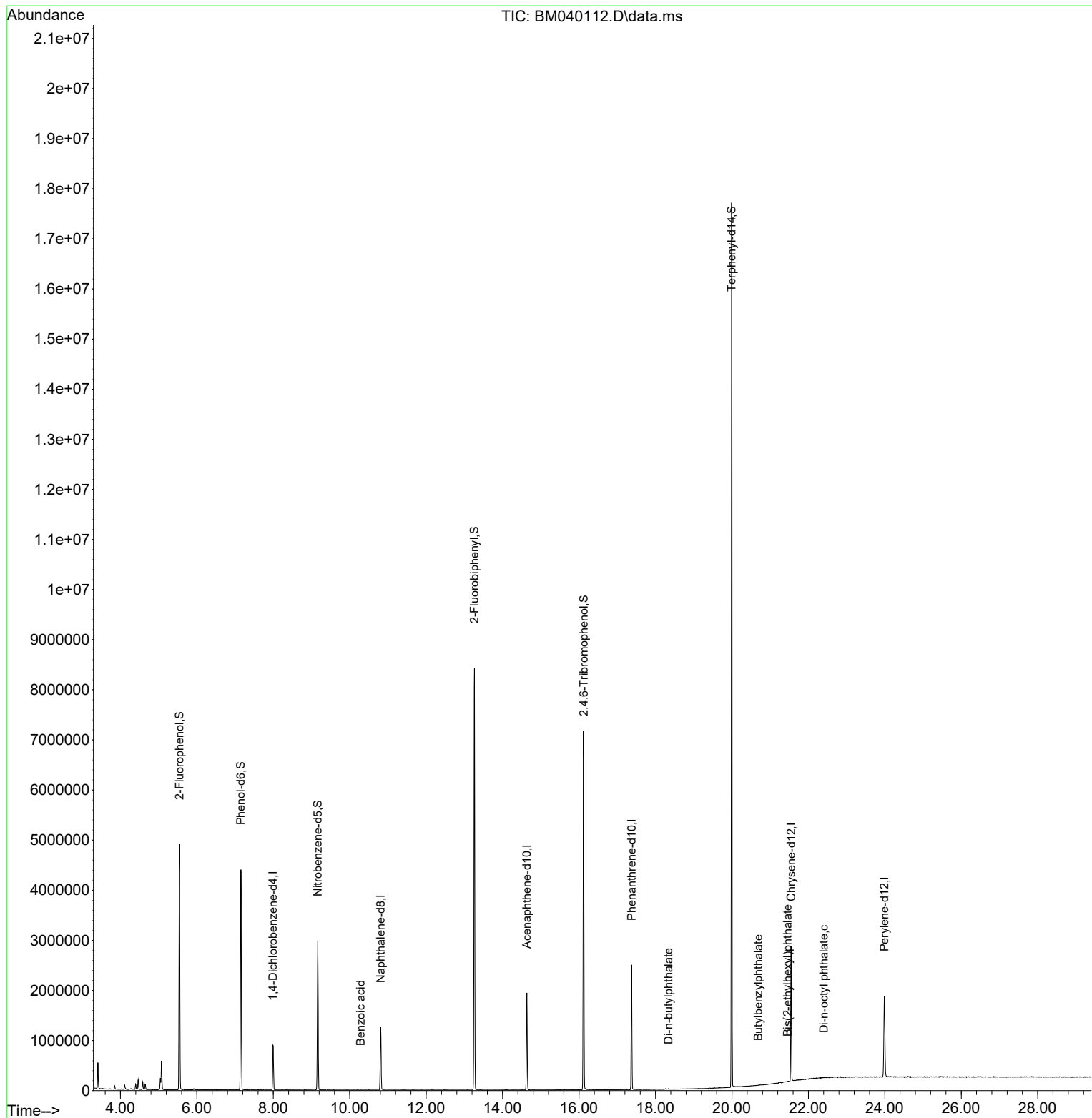
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	241761	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1037473	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	602771	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1298994	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1069347	20.000	ng	0.00
86) Perylene-d12	23.985	264	1048544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	2162527	137.209	ng	0.00
7) Phenol-d6	7.151	99	2567421	124.877	ng	0.00
23) Nitrobenzene-d5	9.163	82	1625676	84.553	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1235539	157.927	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	4069219	79.625	ng	0.00
79) Terphenyl-d14	19.992	244	7861086	114.143	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	10.286	122	275	7.824	ng	# 19
74) Di-n-butylphthalate	18.339	149	7039	3.735	ng	# 95
80) Butylbenzylphthalate	20.686	149	600	4.849	ng	# 66
84) Bis(2-ethylhexyl)phtha...	21.456	149	2115	3.640	ng	# 98
85) Di-n-octyl phthalate	22.403	149	208	6.615	ng	# 1

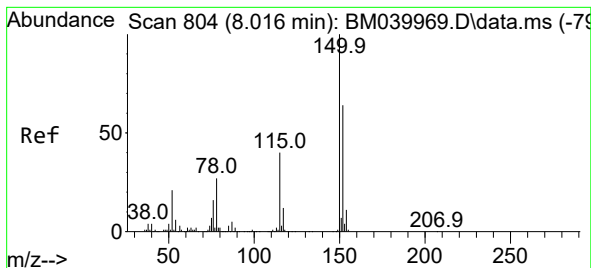
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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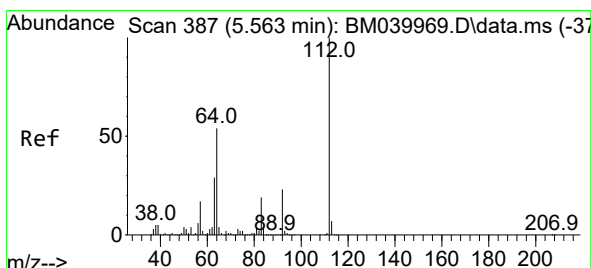
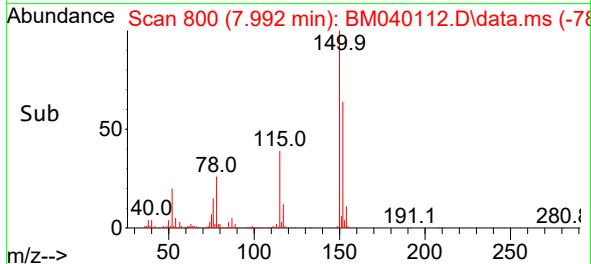
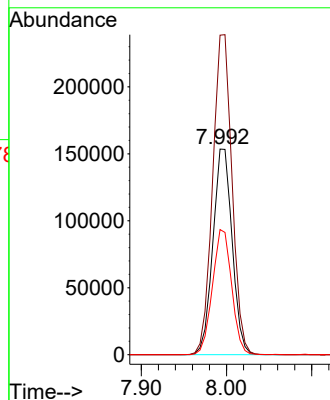
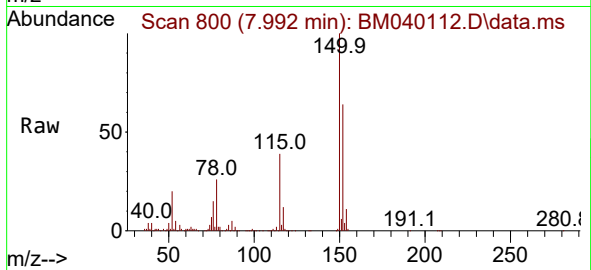




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 804
Delta R.T. -0.007 min
Lab File: BM040112.D
Acq: 06 Jun 2023 20:11

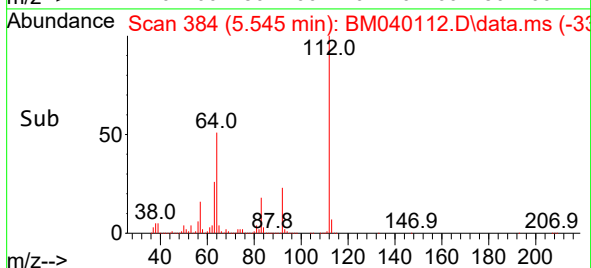
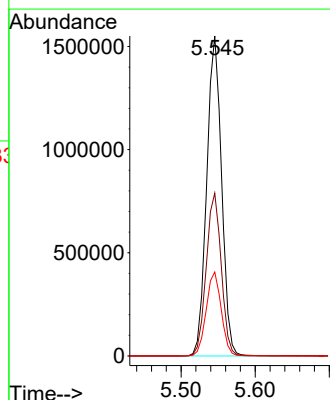
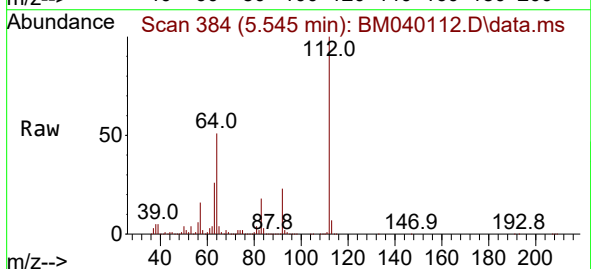
Instrument :
BNA_M
ClientSampleId :
TP16-0A

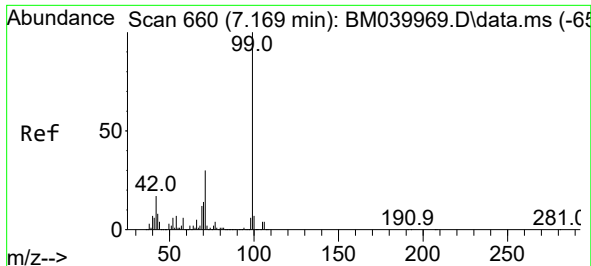
Tgt Ion:152 Resp: 241761
Ion Ratio Lower Upper
152 100
150 155.4 125.5 188.3
115 60.9 50.2 75.2



#5
2-Fluorophenol
Concen: 137.209 ng
RT: 5.545 min Scan# 384
Delta R.T. 0.005 min
Lab File: BM040112.D
Acq: 06 Jun 2023 20:11

Tgt Ion:112 Resp: 2162527
Ion Ratio Lower Upper
112 100
64 50.9 43.0 64.4
63 26.3 22.9 34.3



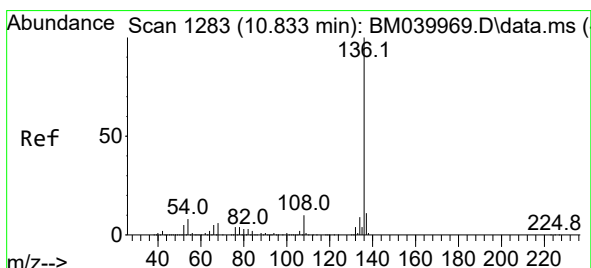
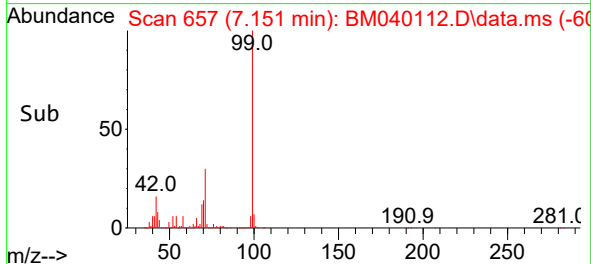
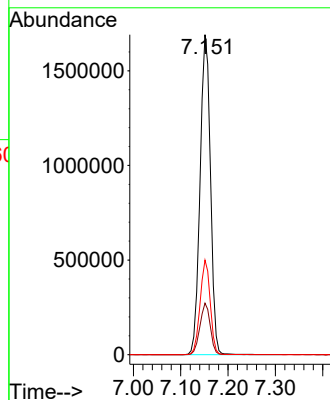
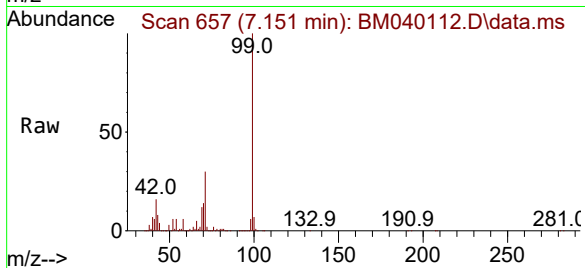


#7
Phenol-d6
Concen: 124.877 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040112.D
Acq: 06 Jun 2023 20:11

Instrument :
BNA_M
ClientSampleId :
TP16-0A

Tgt Ion: 99 Resp: 2567421

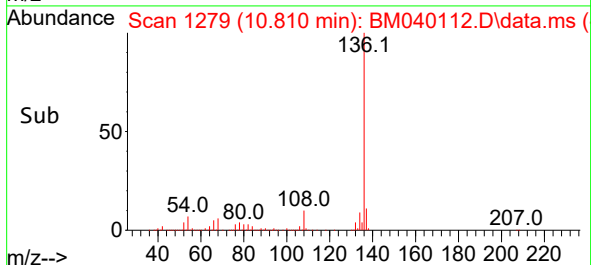
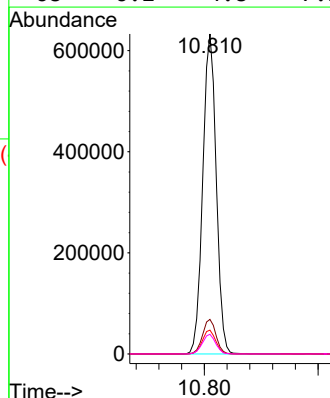
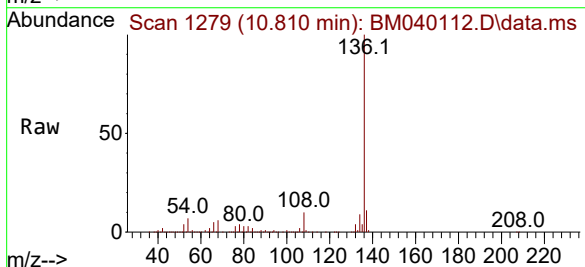
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.8	20.6
71	29.6	24.4	36.6

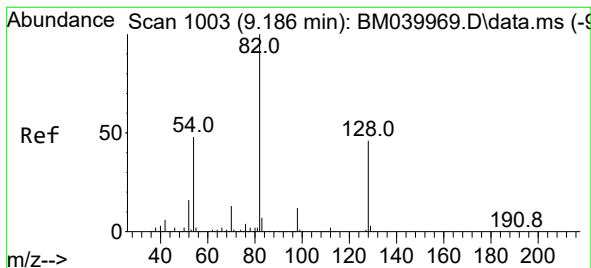


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BM040112.D
Acq: 06 Jun 2023 20:11

Tgt Ion: 136 Resp: 1037473

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.5	6.1	9.1
68	6.2	4.8	7.2





#23

Nitrobenzene-d5

Concen: 84.553 ng

RT: 9.163 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM040112.D

Acq: 06 Jun 2023 20:11

Instrument :

BNA_M

ClientSampleId :

TP16-0A

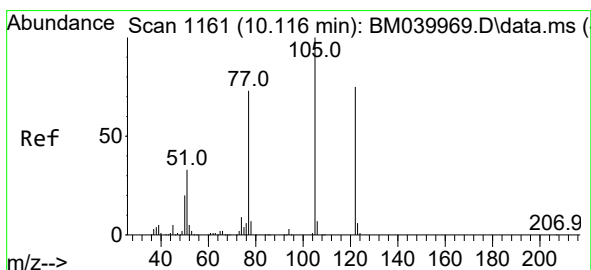
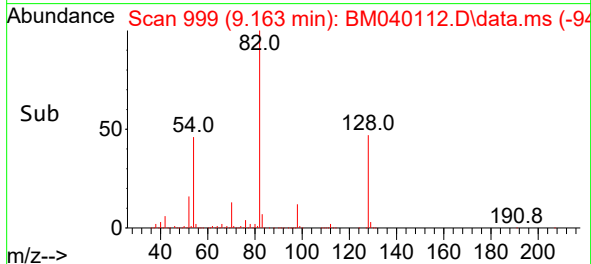
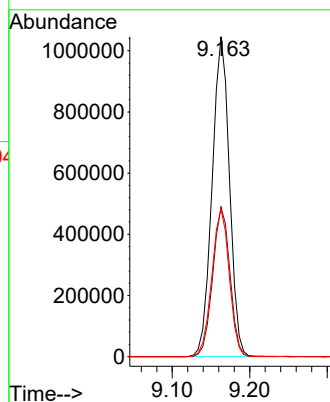
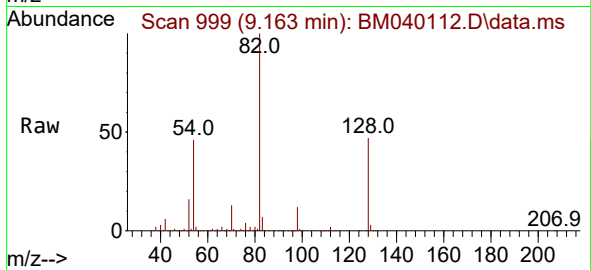
Tgt Ion: 82 Resp: 1625676

Ion Ratio Lower Upper

82 100

128 46.7 36.5 54.7

54 46.2 38.3 57.5



#32

Benzoic acid

Concen: 7.824 ng

RT: 10.286 min Scan# 1190

Delta R.T. 0.170 min

Lab File: BM040112.D

Acq: 06 Jun 2023 20:11

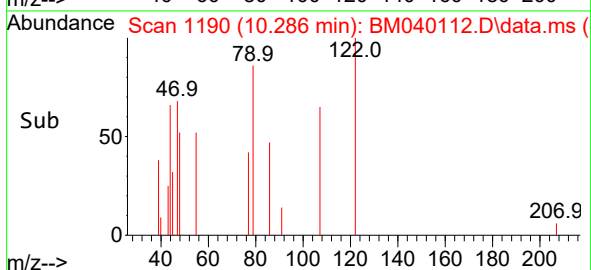
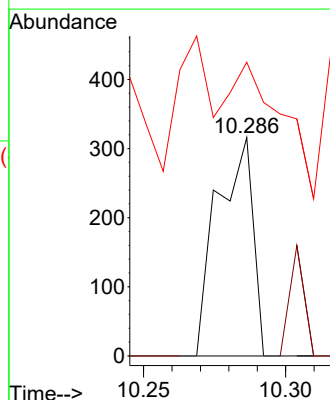
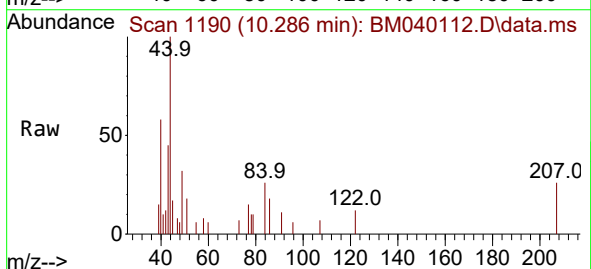
Tgt Ion:122 Resp: 275

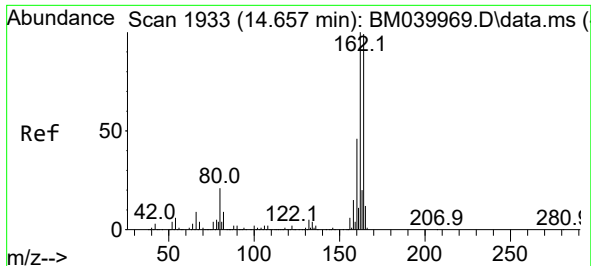
Ion Ratio Lower Upper

122 100

105 0.0 106.0 146.0#

77 134.5 74.7 114.7#

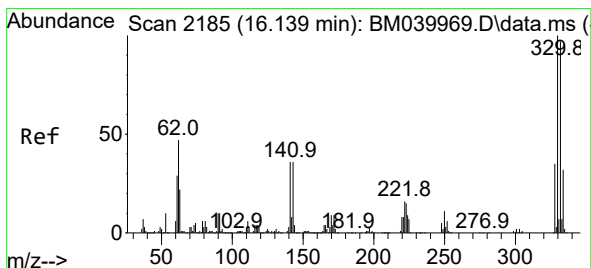
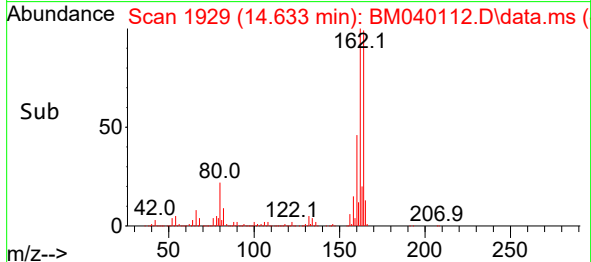
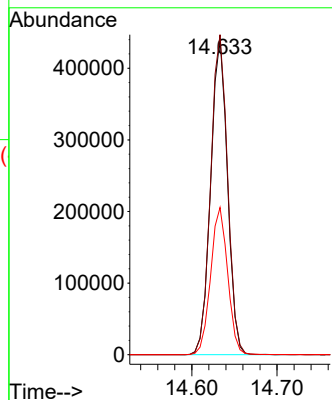
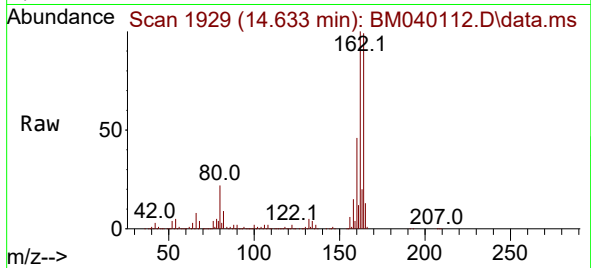




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BM040112.D
Acq: 06 Jun 2023 20:11

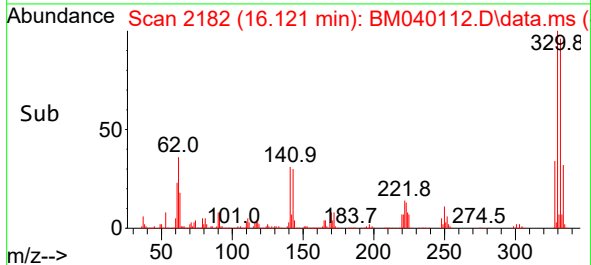
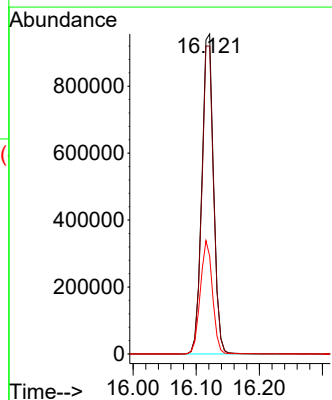
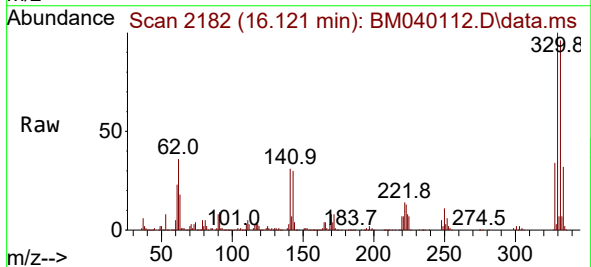
Instrument :
BNA_M
ClientSampleId :
TP16-0A

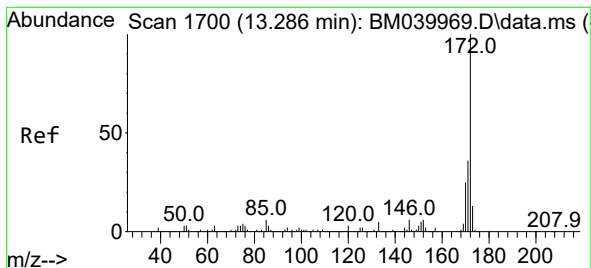
Tgt Ion:164 Resp: 602771
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 46.5 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 157.927 ng
RT: 16.121 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BM040112.D
Acq: 06 Jun 2023 20:11

Tgt Ion:330 Resp: 1235539
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 36.8 31.6 47.4

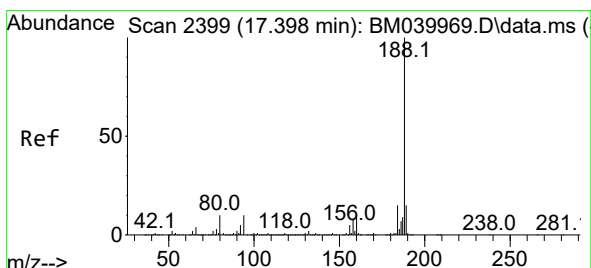
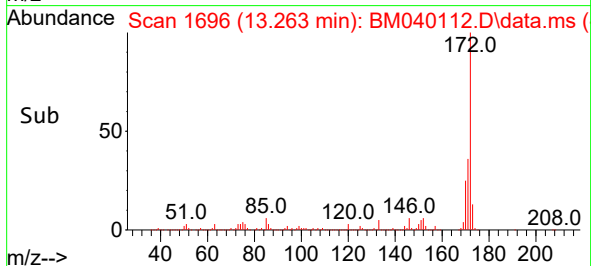
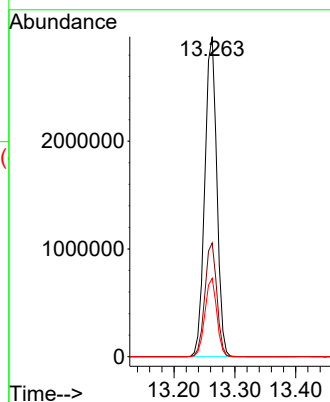
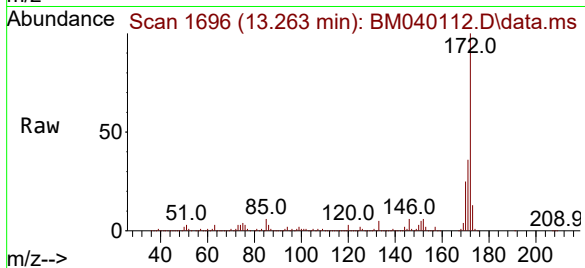




#45
2-Fluorobiphenyl
Concen: 79.625 ng
RT: 13.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040112.D
Acq: 06 Jun 2023 20:11

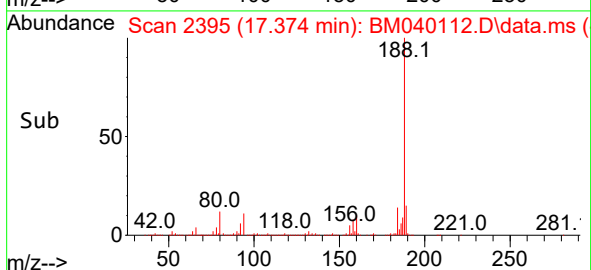
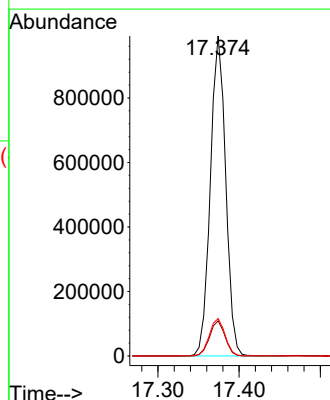
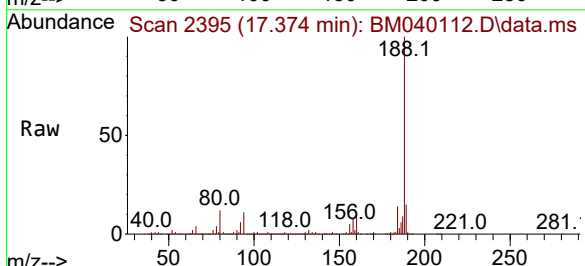
Instrument :
BNA_M
ClientSampleId :
TP16-0A

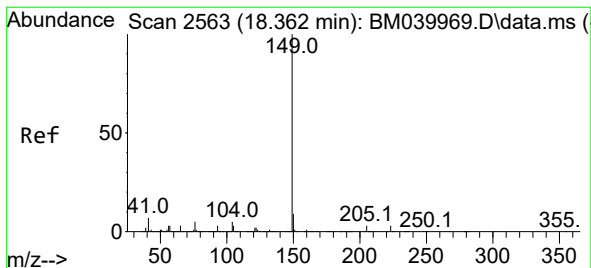
Tgt Ion:172 Resp: 4069219
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 24.5 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM040112.D
Acq: 06 Jun 2023 20:11

Tgt Ion:188 Resp: 1298994
Ion Ratio Lower Upper
188 100
94 11.0 7.8 11.8
80 11.7 8.2 12.4





#74

Di-n-butylphthalate

Concen: 3.735 ng

RT: 18.339 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040112.D

Acq: 06 Jun 2023 20:11

Instrument :

BNA_M

ClientSampleId :

TP16-0A

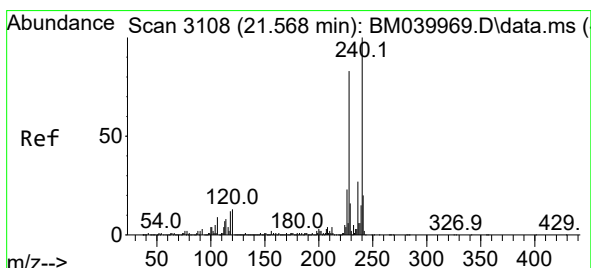
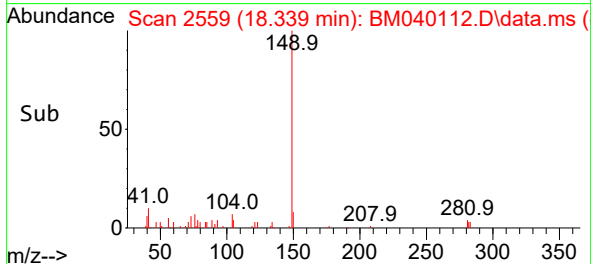
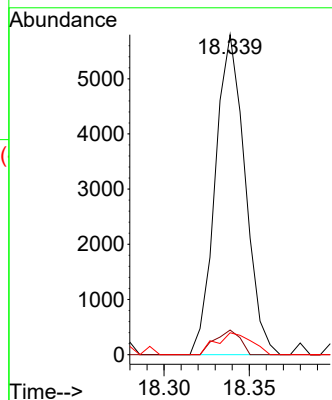
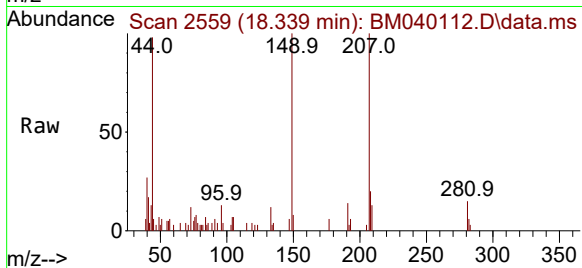
Tgt Ion:149 Resp: 7039

Ion Ratio Lower Upper

149 100

150 7.7 7.4 11.2

104 6.8 4.2 6.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.550 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BM040112.D

Acq: 06 Jun 2023 20:11

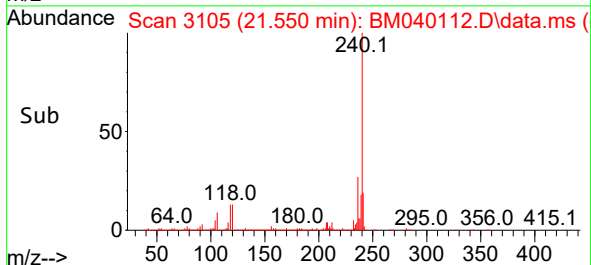
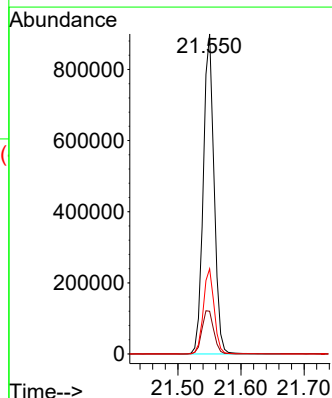
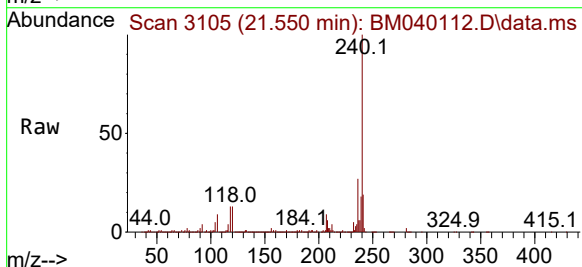
Tgt Ion:240 Resp: 1069347

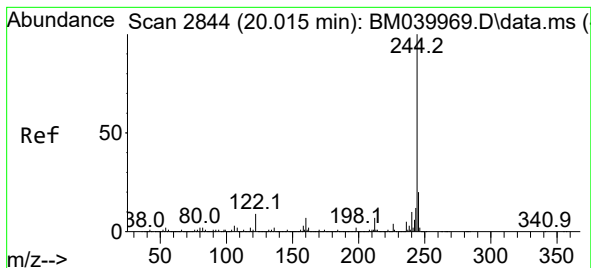
Ion Ratio Lower Upper

240 100

120 13.4 10.1 15.1

236 26.6 21.3 31.9





#79

Terphenyl-d14

Concen: 114.143 ng

RT: 19.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040112.D

Acq: 06 Jun 2023 20:11

Instrument :

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ClientSampleId :

TP16-0A

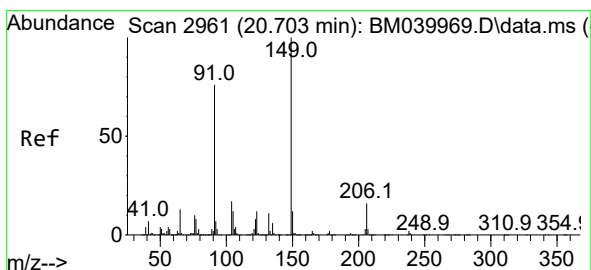
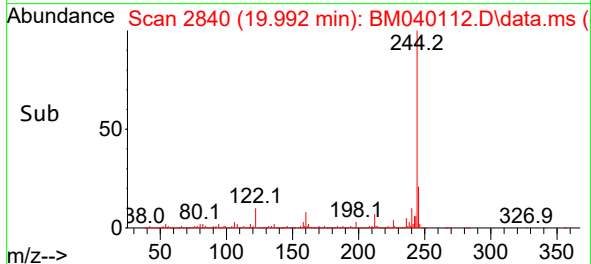
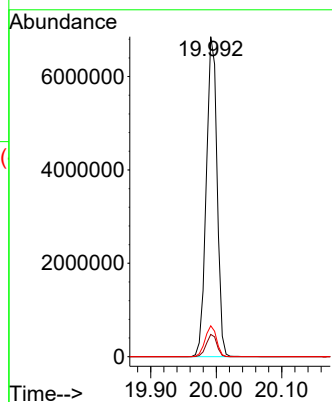
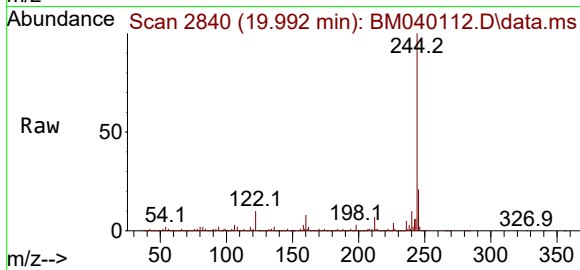
Tgt Ion:244 Resp: 7861086

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 9.7 7.1 10.7



#80

Butylbenzylphthalate

Concen: 4.849 ng

RT: 20.686 min Scan# 2958

Delta R.T. -0.000 min

Lab File: BM040112.D

Acq: 06 Jun 2023 20:11

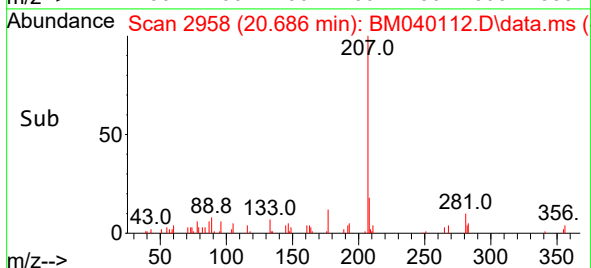
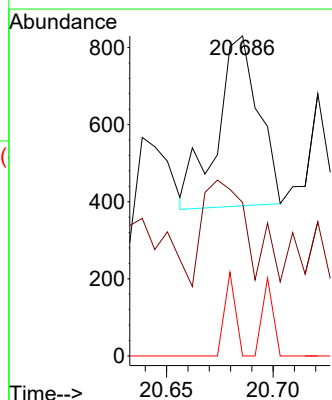
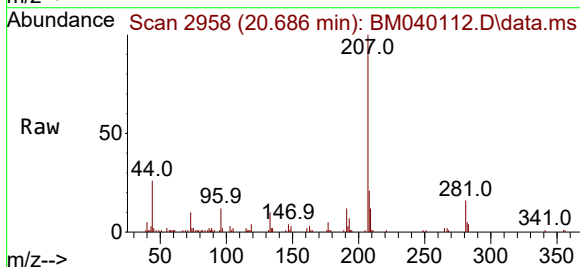
Tgt Ion:149 Resp: 600

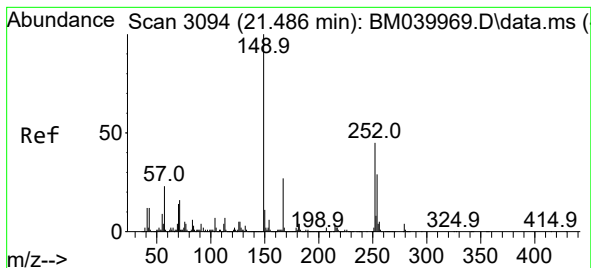
Ion Ratio Lower Upper

149 100

91 48.0 61.0 91.4#

206 0.0 12.7 19.1#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.640 ng

RT: 21.456 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BM040112.D

Acq: 06 Jun 2023 20:11

Instrument :

BNA_M

ClientSampleId :

TP16-0A

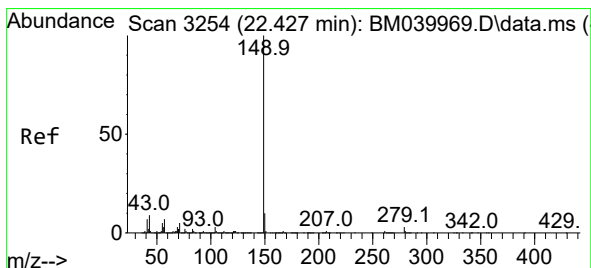
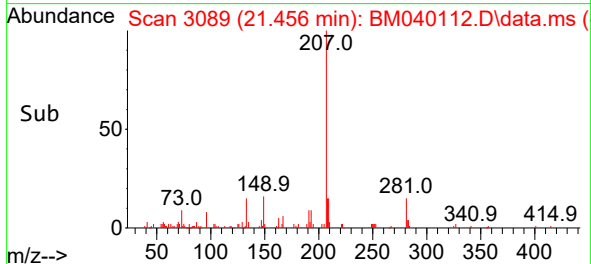
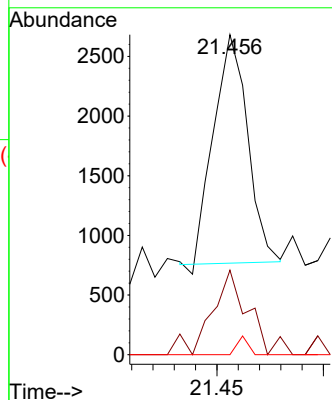
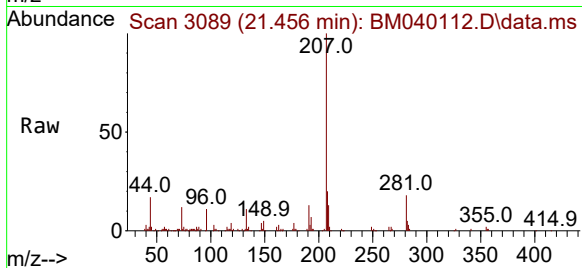
Tgt Ion:149 Resp: 2115

Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.2

279 0.0 3.3 4.9#



#85

Di-n-octyl phthalate

Concen: 6.615 ng

RT: 22.403 min Scan# 3250

Delta R.T. -0.000 min

Lab File: BM040112.D

Acq: 06 Jun 2023 20:11

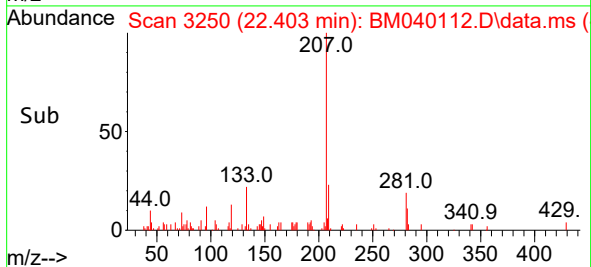
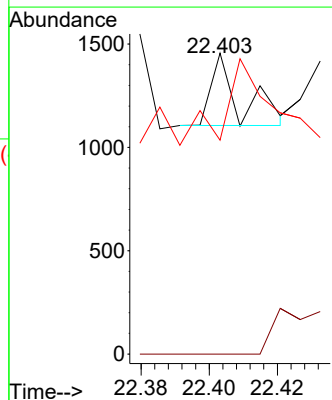
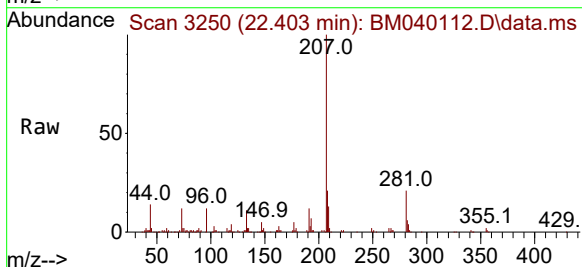
Tgt Ion:149 Resp: 208

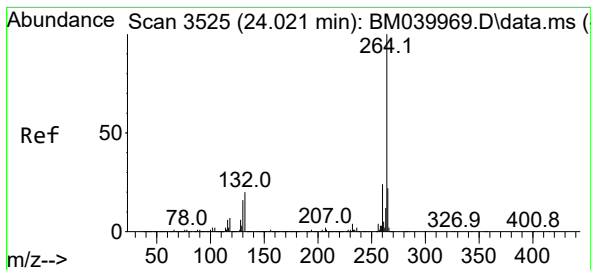
Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 403.8 7.4 11.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.985 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM040112.D
 Acq: 06 Jun 2023 20:11

Instrument :
 BNA_M
 ClientSampleId :
 TP16-0A

Tgt Ion:264 Resp: 1048544
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.4 17.7 26.5

