

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060723\
 Data File : BM040143.D
 Acq On : 07 Jun 2023 16:09
 Operator : MA/JU
 Sample : 03036-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-STONE-0602

Quant Time: Jun 07 16:38:05 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)

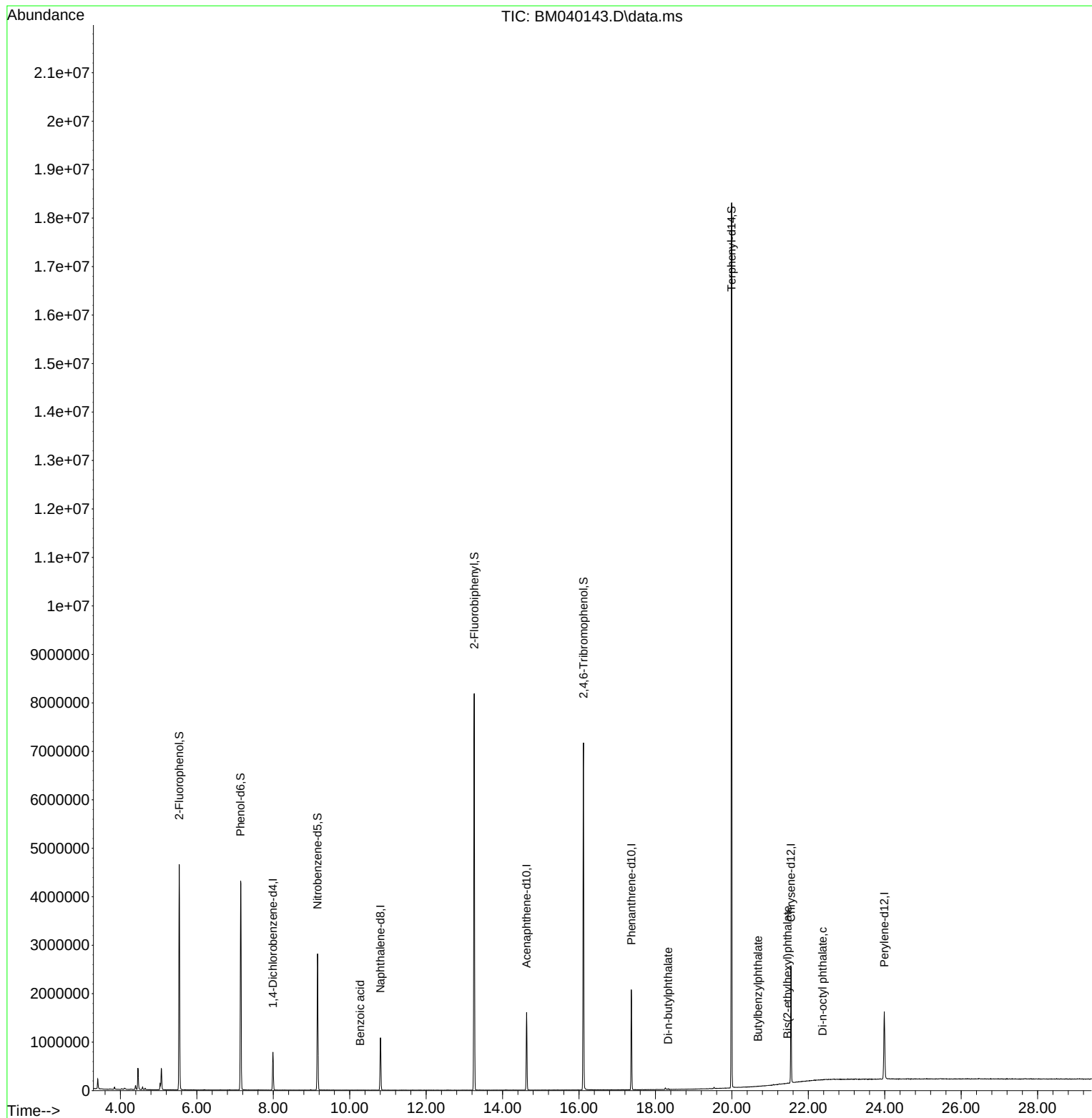
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	202255	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	856575	20.000	ng	0.00
39) Acenaphthene-d10	14.628	164	480948	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	1063592	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	916938	20.000	ng	-0.01
86) Perylene-d12	23.986	264	862799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1999281	151.629	ng	0.00
7) Phenol-d6	7.146	99	2478966	144.126	ng	0.00
23) Nitrobenzene-d5	9.157	82	1516838	95.553	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	1177316	188.602	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	3741986	91.769	ng	0.00
79) Terphenyl-d14	19.992	244	7800506	132.090	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.275	122	53	7.808	ng	# 1
74) Di-n-butylphthalate	18.333	149	9982	3.788	ng	# 96
80) Butylbenzylphthalate	20.680	149	667	4.854	ng	# 80
84) Bis(2-ethylhexyl)phtha...	21.457	149	3435	3.674	ng	# 96
85) Di-n-octyl phthalate	22.374	149	177	6.615	ng	# 1

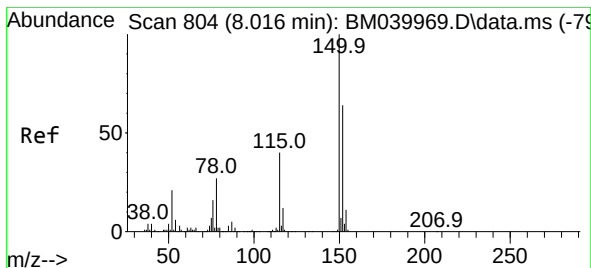
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

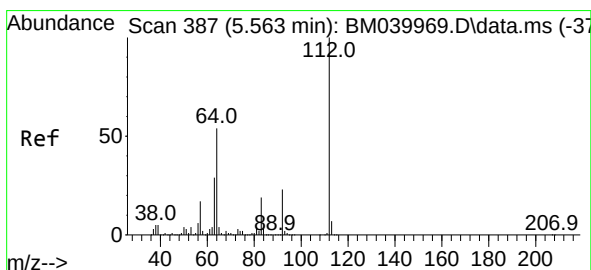
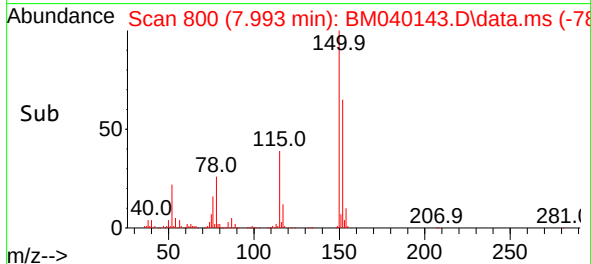
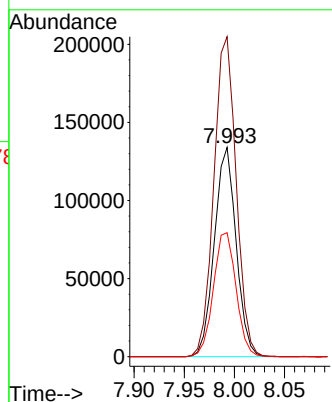
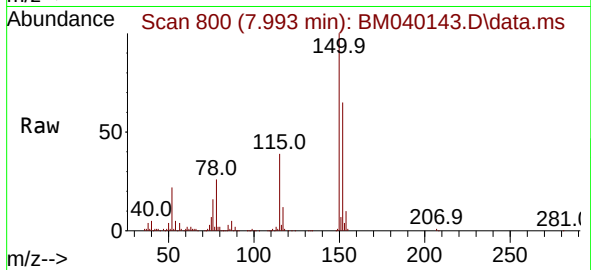




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM040143.D
Acq: 07 Jun 2023 16:09

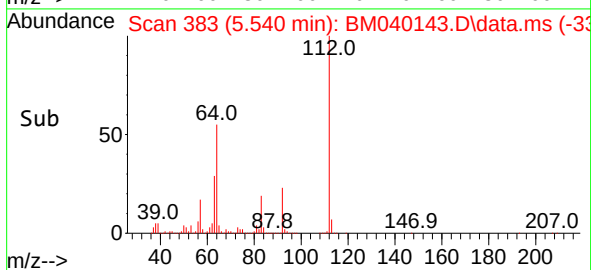
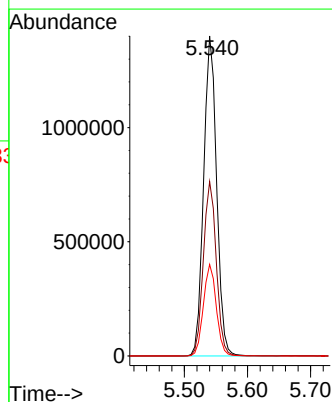
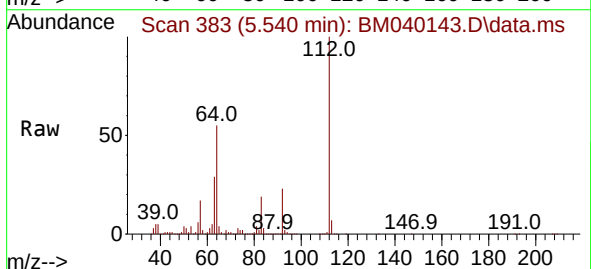
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602

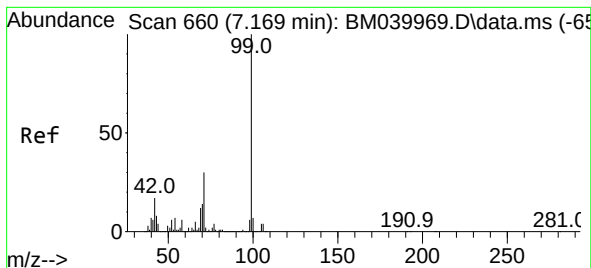
Tgt Ion:152 Resp: 202255
Ion Ratio Lower Upper
152 100
150 152.9 125.5 188.3
115 59.3 50.2 75.2



#5
2-Fluorophenol
Concen: 151.629 ng
RT: 5.540 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM040143.D
Acq: 07 Jun 2023 16:09

Tgt Ion:112 Resp: 1999281
Ion Ratio Lower Upper
112 100
64 54.5 43.0 64.4
63 28.6 22.9 34.3





#7

Phenol-d6

Concen: 144.126 ng

RT: 7.146 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM040143.D

Acq: 07 Jun 2023 16:09

Instrument :

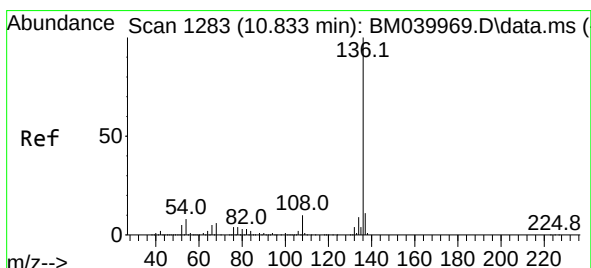
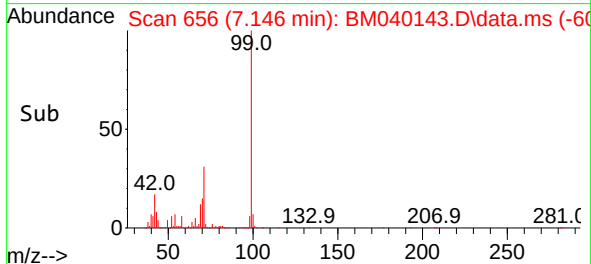
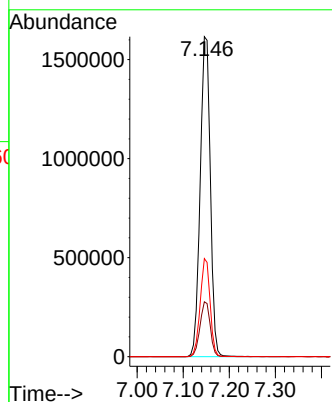
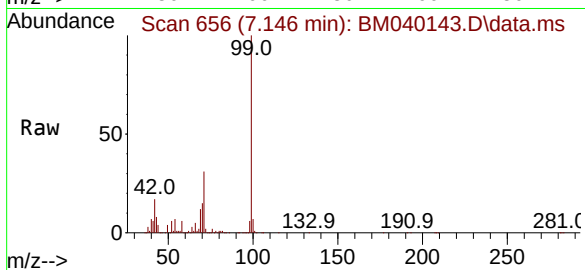
BNA_M

ClientSampleId :

PL-STONE-0602

Tgt Ion: 99 Resp: 2478966

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.6
71	30.6	24.4	36.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.804 min Scan# 1278

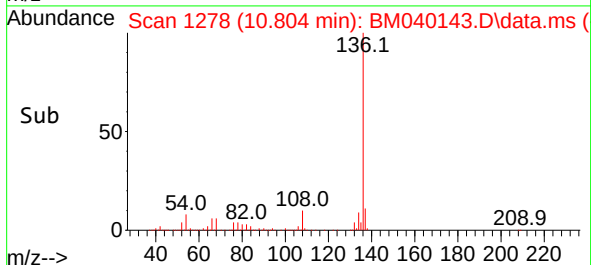
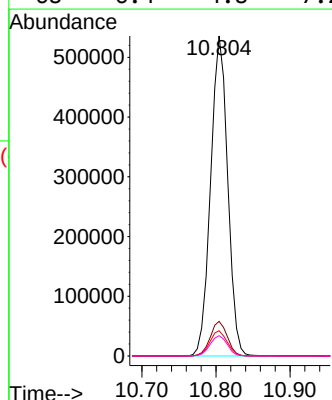
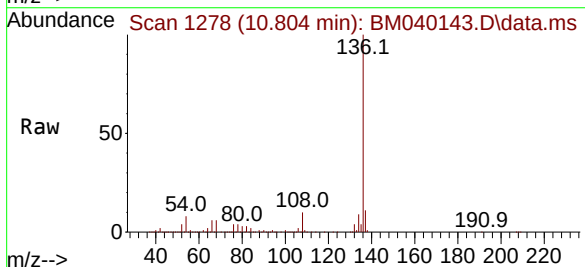
Delta R.T. -0.006 min

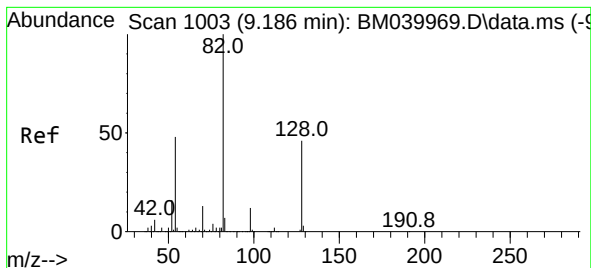
Lab File: BM040143.D

Acq: 07 Jun 2023 16:09

Tgt Ion: 136 Resp: 856575

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.9	6.1	9.1
68	6.4	4.8	7.2





#23

Nitrobenzene-d5

Concen: 95.553 ng

RT: 9.157 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM040143.D

Acq: 07 Jun 2023 16:09

Instrument :

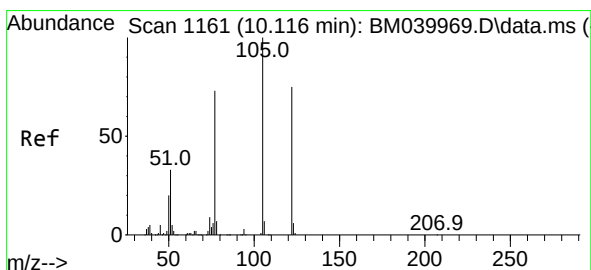
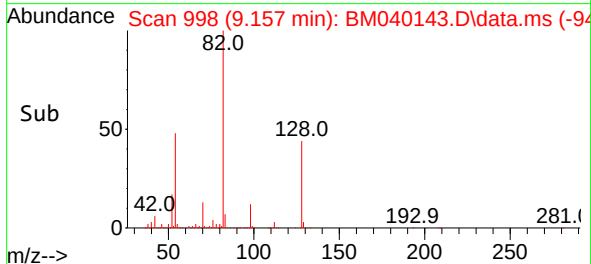
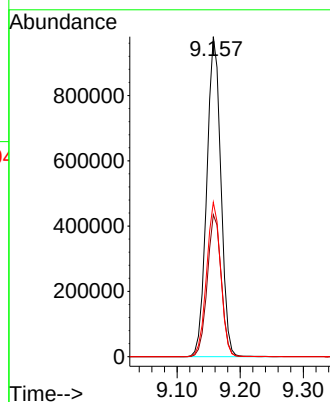
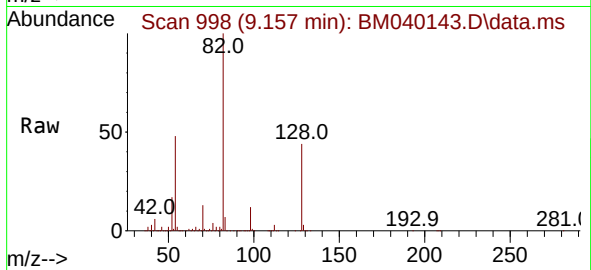
BNA_M

ClientSampleId :

PL-STONE-0602

Tgt Ion: 82 Resp: 1516838

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.5	54.7
54	48.3	38.3	57.5



#32

Benzoic acid

Concen: 7.808 ng

RT: 10.275 min Scan# 1188

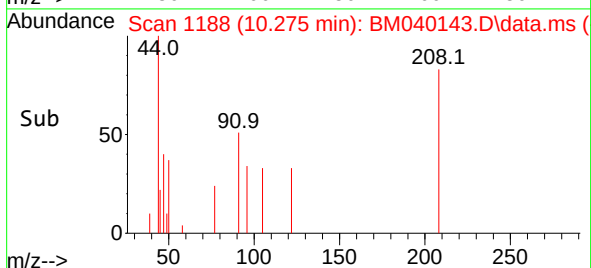
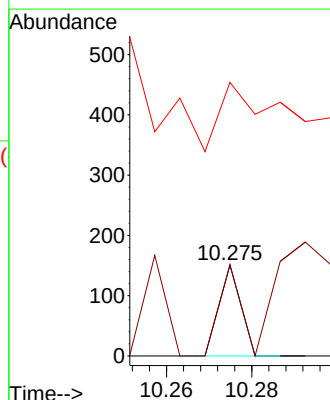
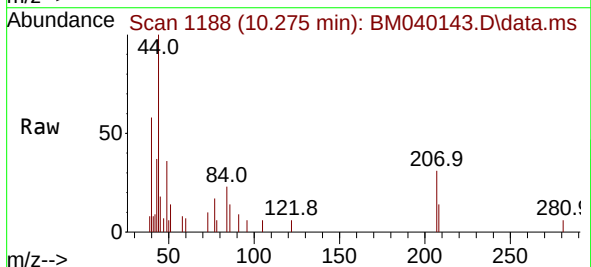
Delta R.T. 0.159 min

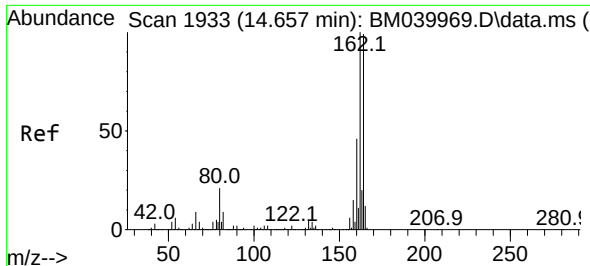
Lab File: BM040143.D

Acq: 07 Jun 2023 16:09

Tgt Ion: 122 Resp: 53

Ion	Ratio	Lower	Upper
122	100		
105	100.0	106.0	146.0#
77	300.7	74.7	114.7#

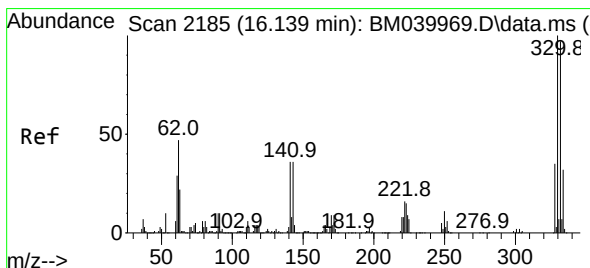
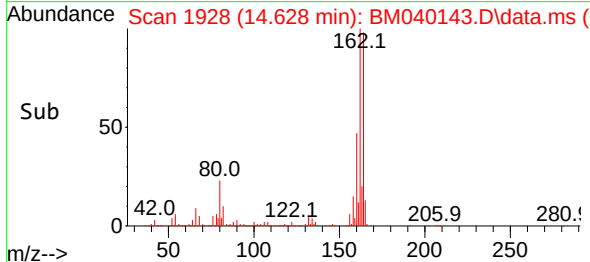
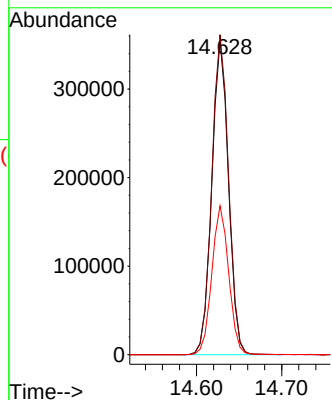
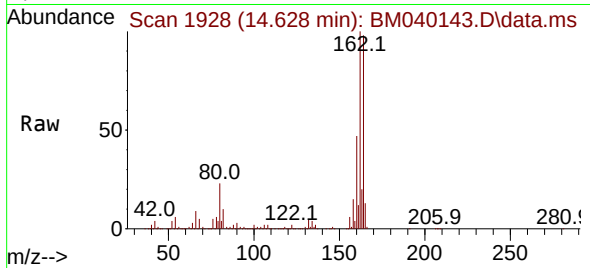




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.628 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM040143.D
Acq: 07 Jun 2023 16:09

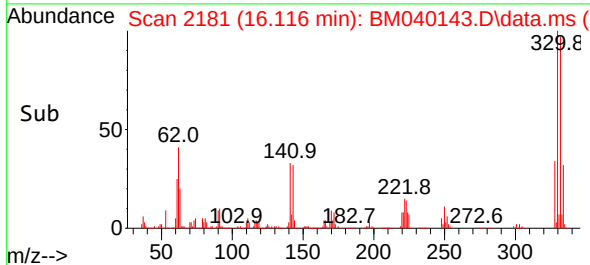
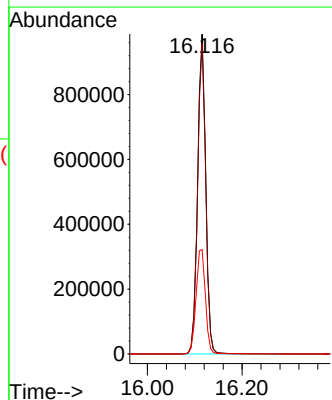
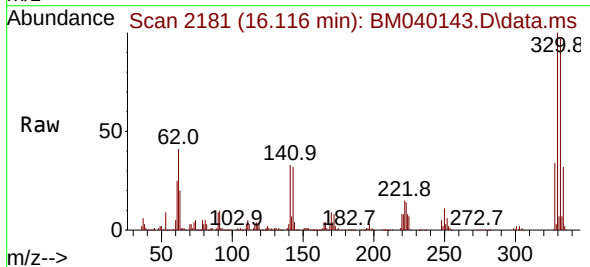
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602

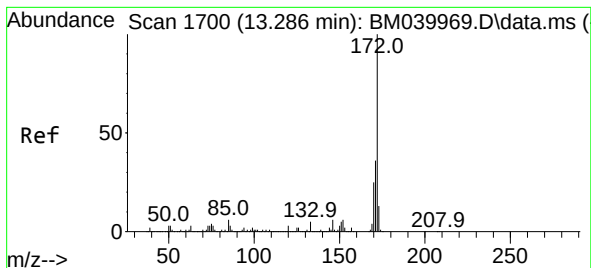
Tgt Ion:164 Resp: 480948
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 47.4 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 188.602 ng
RT: 16.116 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM040143.D
Acq: 07 Jun 2023 16:09

Tgt Ion:330 Resp: 1177316
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 37.6 31.6 47.4





#45

2-Fluorobiphenyl

Concen: 91.769 ng

RT: 13.257 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM040143.D

Acq: 07 Jun 2023 16:09

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602

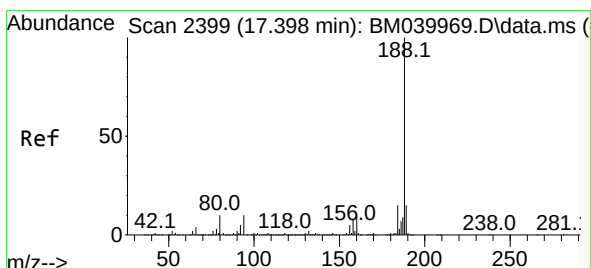
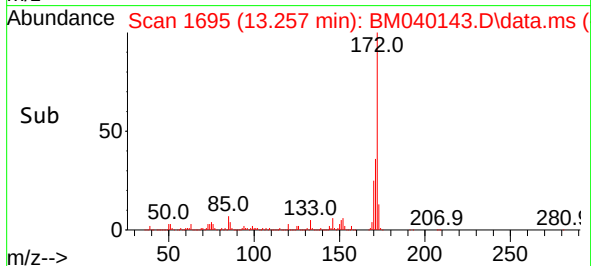
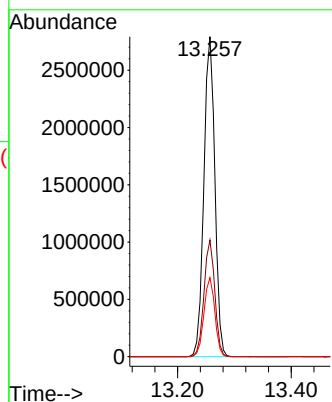
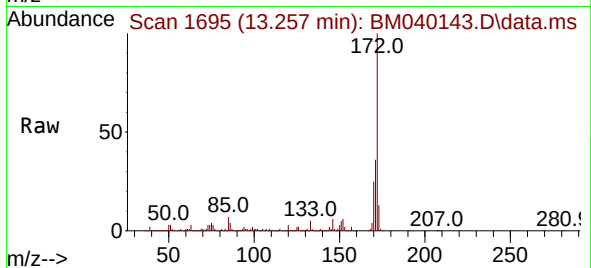
Tgt Ion:172 Resp: 3741986

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.7 19.6 29.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.369 min Scan# 2394

Delta R.T. -0.006 min

Lab File: BM040143.D

Acq: 07 Jun 2023 16:09

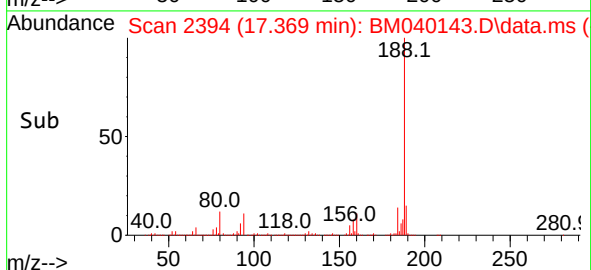
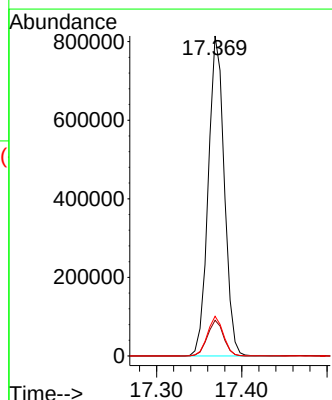
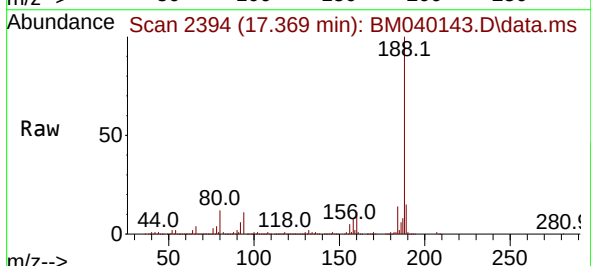
Tgt Ion:188 Resp: 1063592

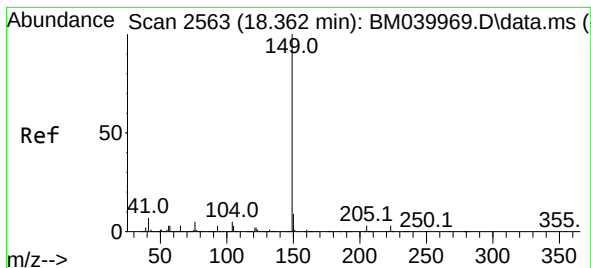
Ion Ratio Lower Upper

188 100

94 11.2 7.8 11.8

80 12.4 8.2 12.4#





#74

Di-n-butylphthalate

Concen: 3.788 ng

RT: 18.333 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM040143.D

Acq: 07 Jun 2023 16:09

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602

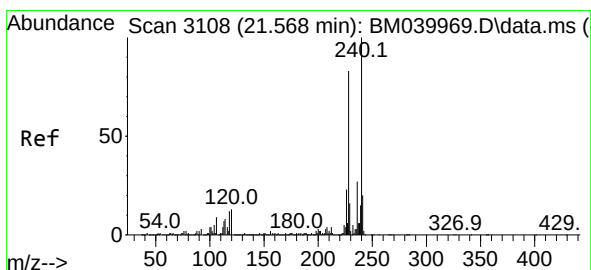
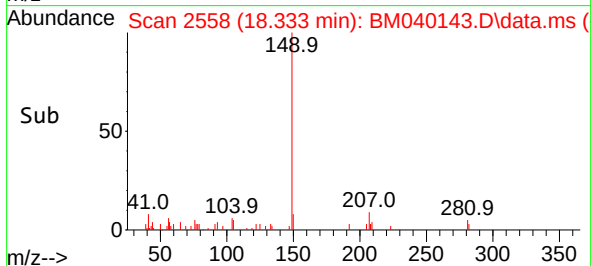
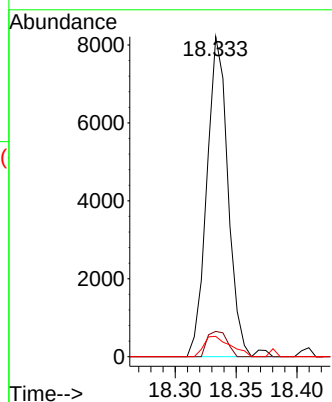
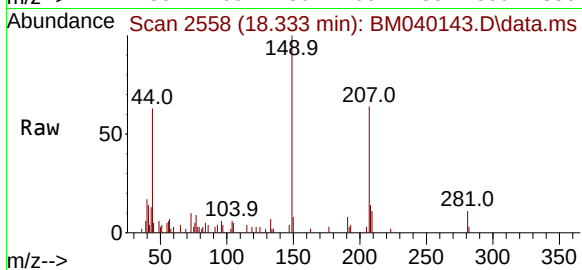
Tgt Ion:149 Resp: 9982

Ion Ratio Lower Upper

149 100

150 7.9 7.4 11.2

104 6.4 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: BM040143.D

Acq: 07 Jun 2023 16:09

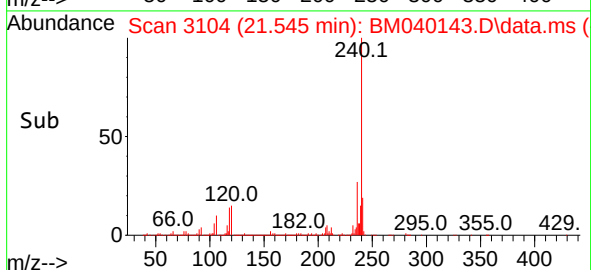
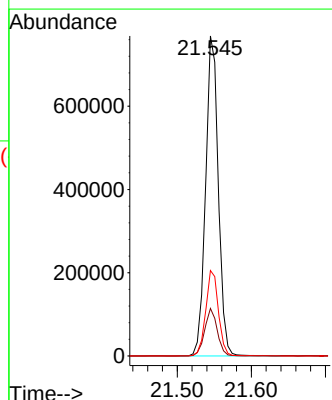
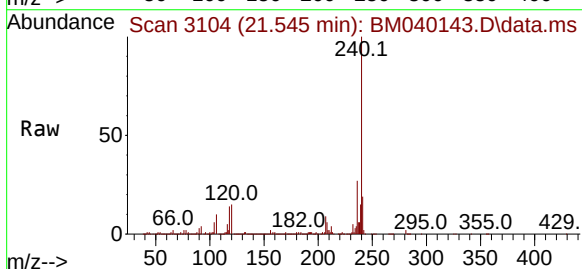
Tgt Ion:240 Resp: 916938

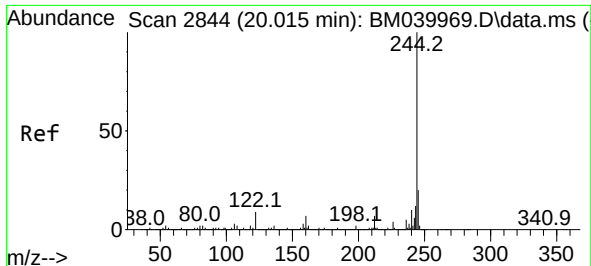
Ion Ratio Lower Upper

240 100

120 14.8 10.1 15.1

236 26.7 21.3 31.9

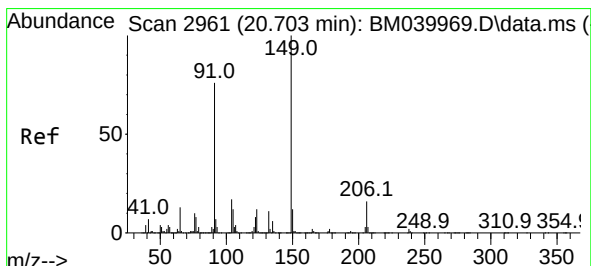
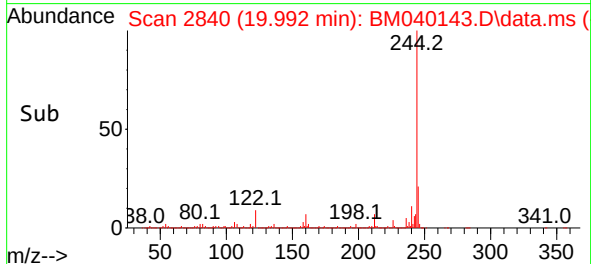
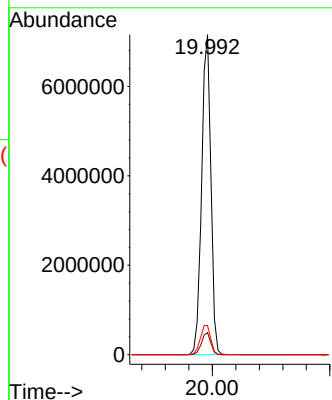
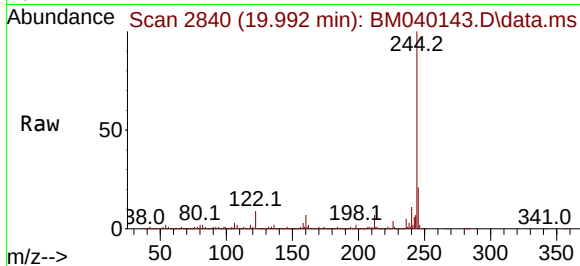




#79
 Terphenyl-d14
 Concen: 132.090 ng
 RT: 19.992 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040143.D
 Acq: 07 Jun 2023 16:09

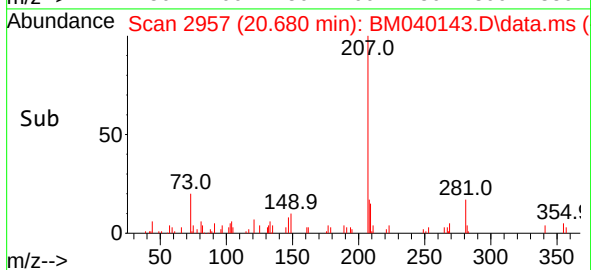
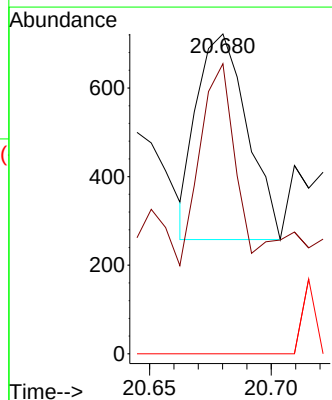
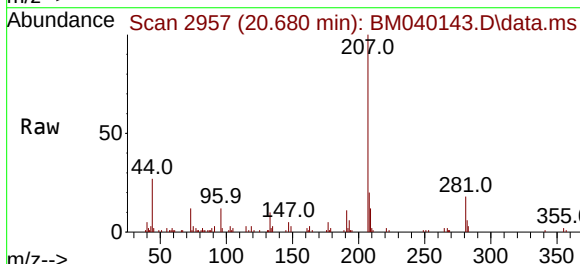
Instrument :
 BNA_M
 ClientSampleId :
 PL-STONE-0602

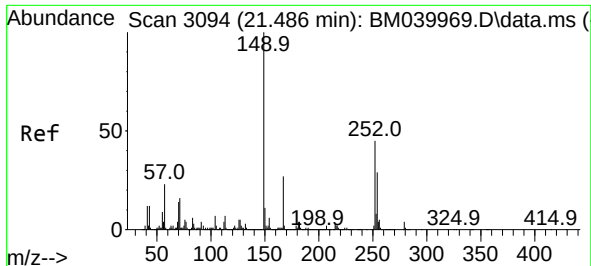
Tgt Ion:244 Resp: 7800506
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 9.1 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 4.854 ng
 RT: 20.680 min Scan# 2957
 Delta R.T. -0.006 min
 Lab File: BM040143.D
 Acq: 07 Jun 2023 16:09

Tgt Ion:149 Resp: 667
 Ion Ratio Lower Upper
 149 100
 91 90.7 61.0 91.4
 206 0.0 12.7 19.1#

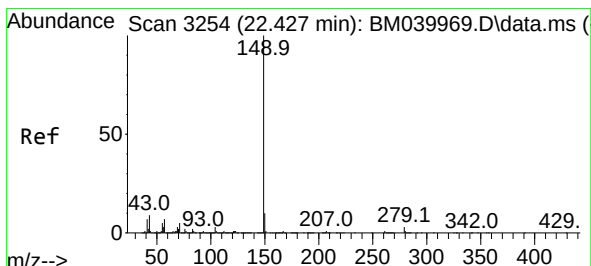
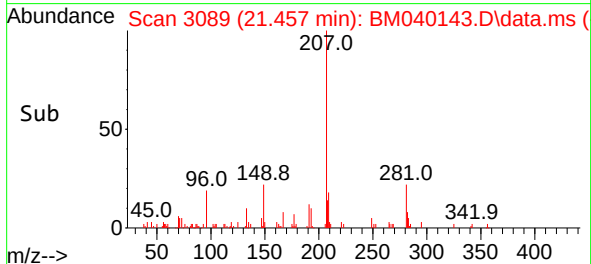
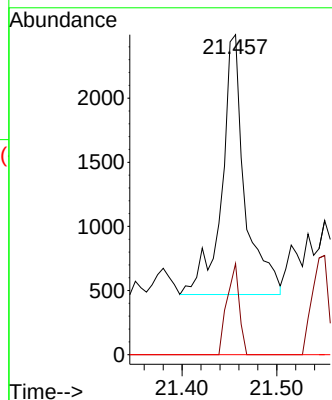
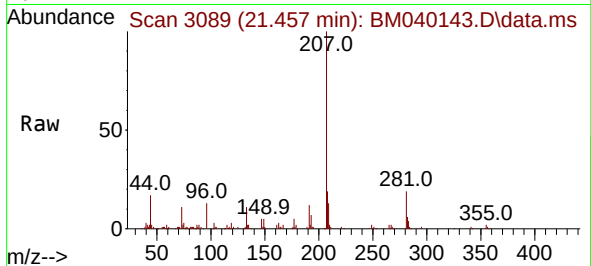




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.674 ng
 RT: 21.457 min Scan# 3094
 Delta R.T. -0.006 min
 Lab File: BM040143.D
 Acq: 07 Jun 2023 16:09

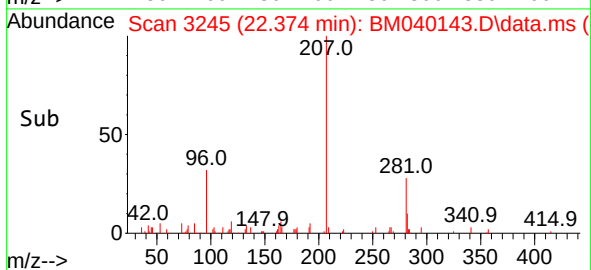
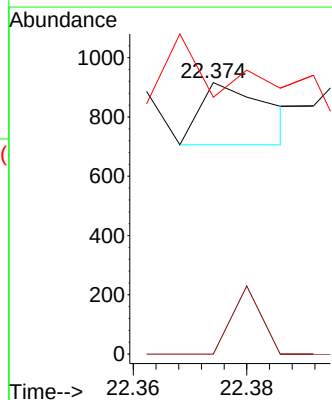
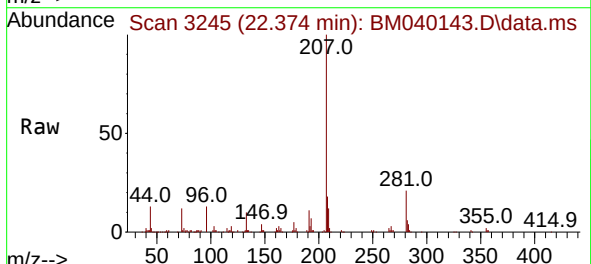
Instrument :
 BNA_M
 ClientSampleId :
 PL-STONE-0602

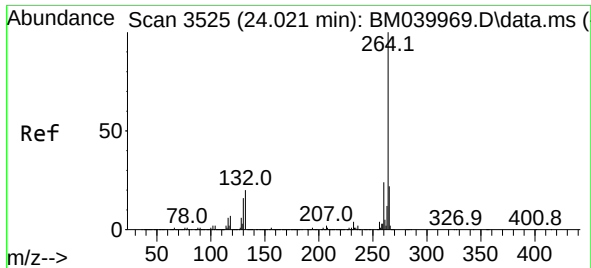
Tgt Ion:149 Resp: 3435
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.4 32.2
 279 0.0 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 6.615 ng
 RT: 22.374 min Scan# 3245
 Delta R.T. -0.029 min
 Lab File: BM040143.D
 Acq: 07 Jun 2023 16:09

Tgt Ion:149 Resp: 177
 Ion Ratio Lower Upper
 149 100
 167 45.8 1.1 1.7#
 43 247.5 7.4 11.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.986 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM040143.D
Acq: 07 Jun 2023 16:09

Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602

Tgt Ion:264 Resp: 862799
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 21.9 17.7 26.5

