

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
 Data File : BM039985.D
 Acq On : 24 May 2023 15:46
 Operator : CG/JU
 Sample : 02812-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WG-0516-B3-GW

Quant Time: May 24 16:25:26 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)

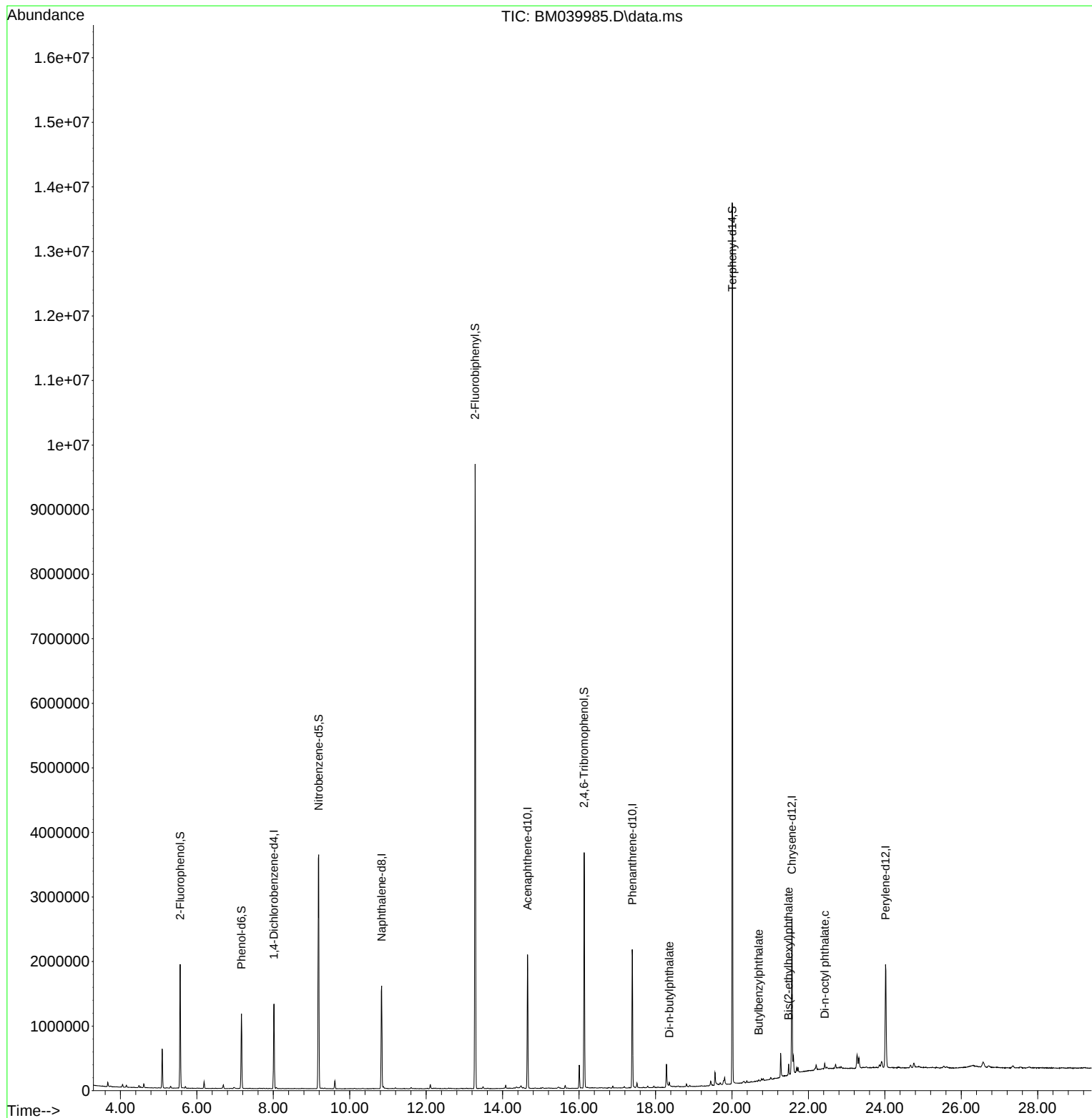
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	351392	20.000	ng	0.00
21) Naphthalene-d8	10.833	136	1357160	20.000	ng	0.00
39) Acenaphthene-d10	14.651	164	672663	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	1219184	20.000	ng	0.00
76) Chrysene-d12	21.568	240	1054003	20.000	ng	0.00
86) Perylene-d12	24.021	264	1125240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	844495	36.865	ng	0.00
7) Phenol-d6	7.169	99	687113	22.994	ng	0.00
23) Nitrobenzene-d5	9.186	82	2087694	83.006	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	615385	70.486	ng	0.00
45) 2-Fluorobiphenyl	13.280	172	4700983	82.430	ng	0.00
79) Terphenyl-d14	20.009	244	6207532	91.446	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.362	149	38747	4.091	ng	99
80) Butylbenzylphthalate	20.703	149	6599	5.018	ng	95
84) Bis(2-ethylhexyl)phtha...	21.480	149	69628	4.873	ng	# 95
85) Di-n-octyl phthalate	22.427	149	61134	7.290	ng	# 95

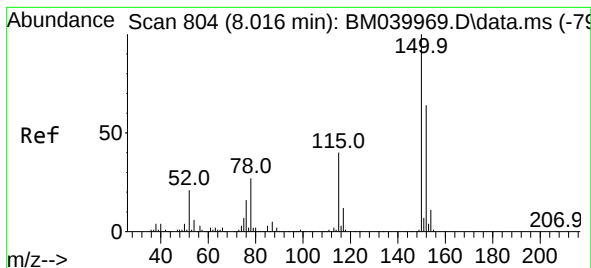
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.016 min Scan# 804

Delta R.T. -0.000 min

Lab File: BM039985.D

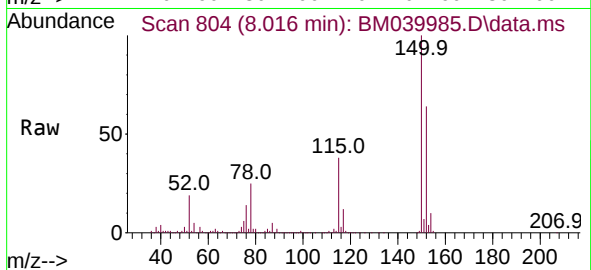
Acq: 24 May 2023 15:46

Instrument :

BNA_M

ClientSampleId :

WG-0516-B3-GW



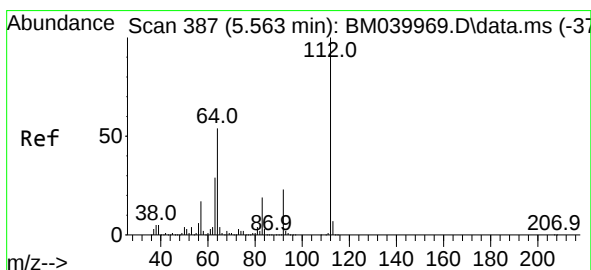
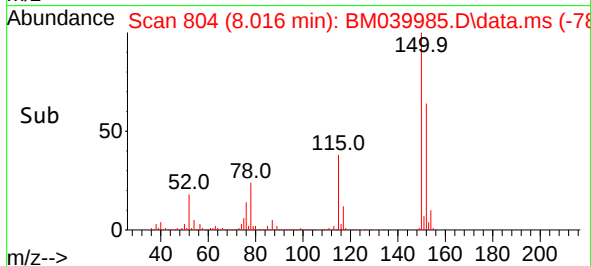
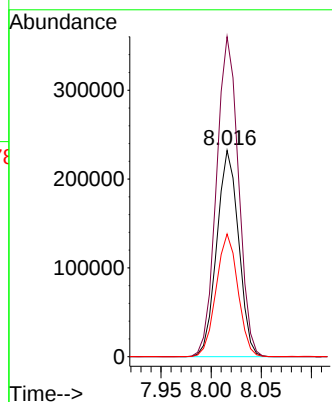
Tgt Ion:152 Resp: 351392

Ion Ratio Lower Upper

152 100

150 155.1 125.5 188.3

115 59.5 50.2 75.2



#5

2-Fluorophenol

Concen: 36.865 ng

RT: 5.563 min Scan# 387

Delta R.T. -0.000 min

Lab File: BM039985.D

Acq: 24 May 2023 15:46

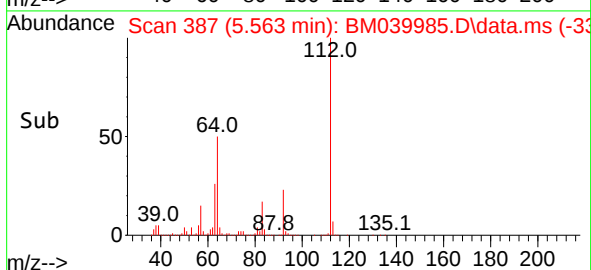
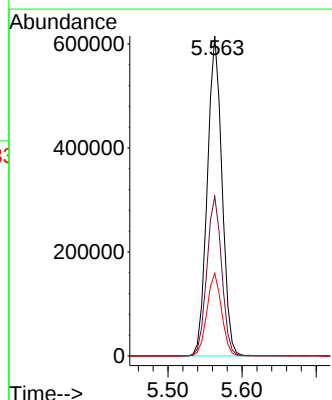
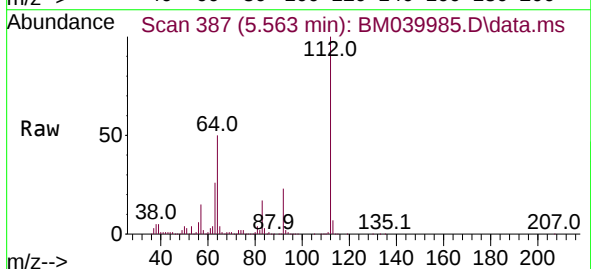
Tgt Ion:112 Resp: 844495

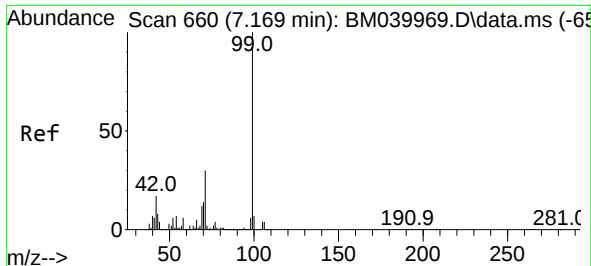
Ion Ratio Lower Upper

112 100

64 49.8 43.0 64.4

63 25.9 22.9 34.3

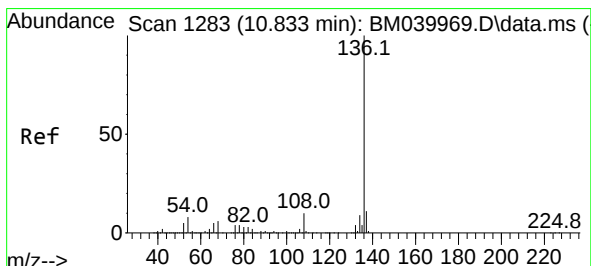
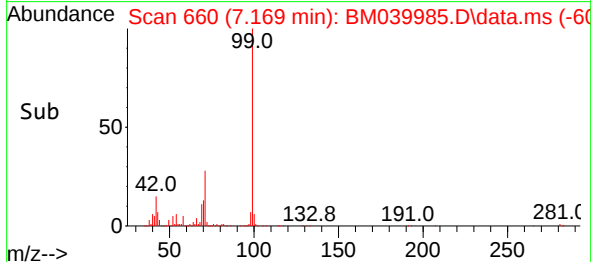
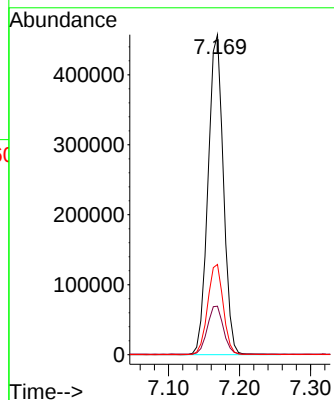
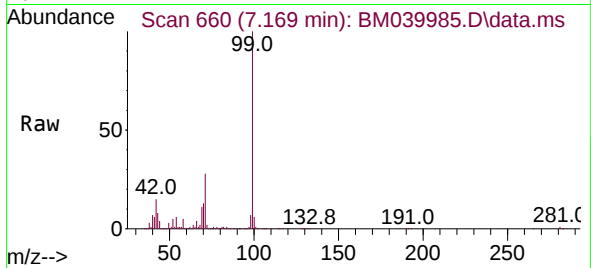




#7
Phenol-d6
Concen: 22.994 ng
RT: 7.169 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM039985.D
Acq: 24 May 2023 15:46

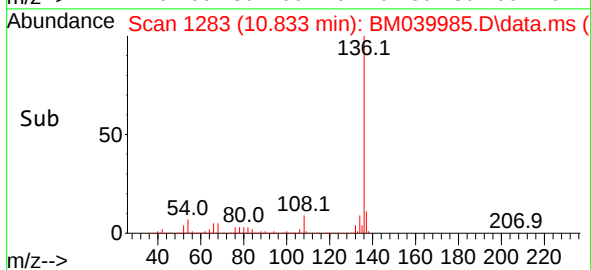
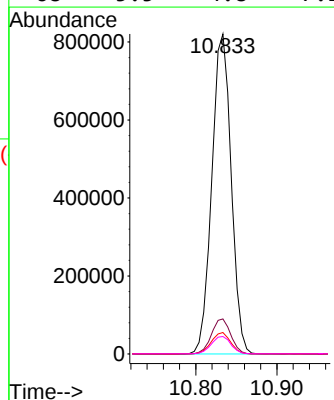
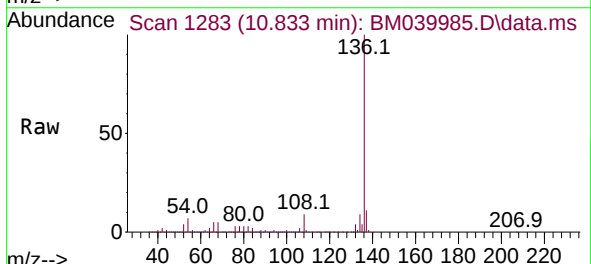
Instrument :
BNA_M
ClientSampleId :
WG-0516-B3-GW

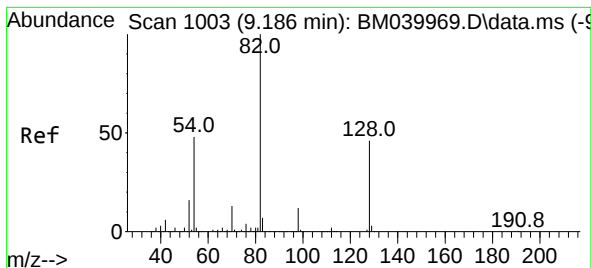
Tgt Ion: 99 Resp: 687113
Ion Ratio Lower Upper
99 100
42 15.2 13.8 20.6
71 28.2 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.833 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM039985.D
Acq: 24 May 2023 15:46

Tgt Ion: 136 Resp: 1357160
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.7 6.1 9.1
68 5.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 83.006 ng

RT: 9.186 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BM039985.D

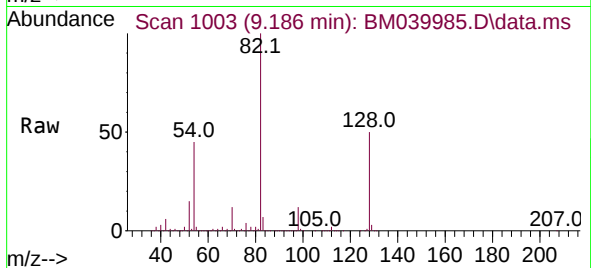
Acq: 24 May 2023 15:46

Instrument :

BNA_M

ClientSampleId :

WG-0516-B3-GW



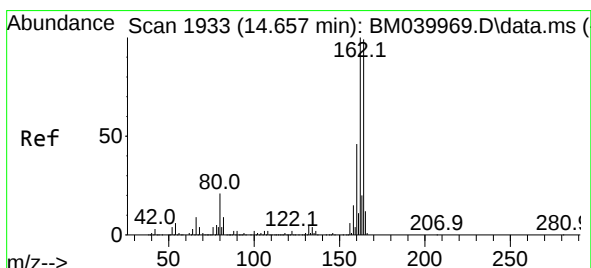
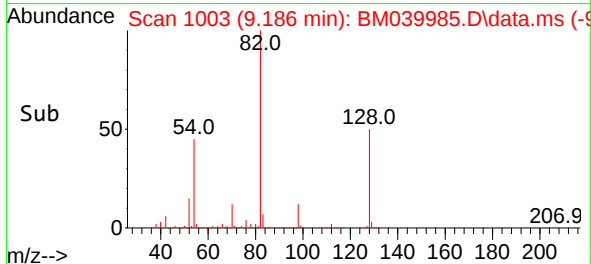
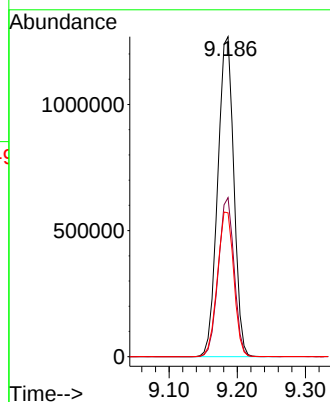
Tgt Ion: 82 Resp: 2087694

Ion Ratio Lower Upper

82 100

128 49.7 36.5 54.7

54 45.0 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: BM039985.D

Acq: 24 May 2023 15:46

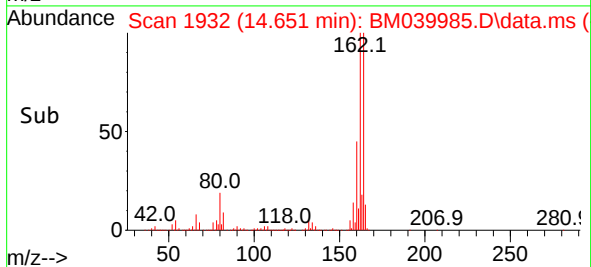
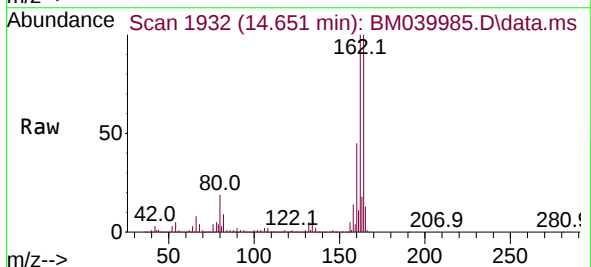
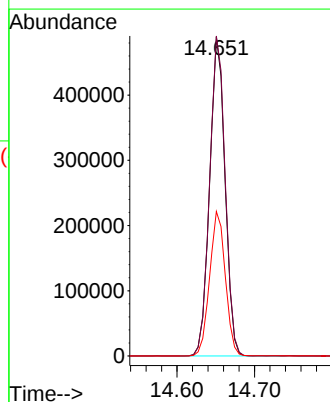
Tgt Ion:164 Resp: 672663

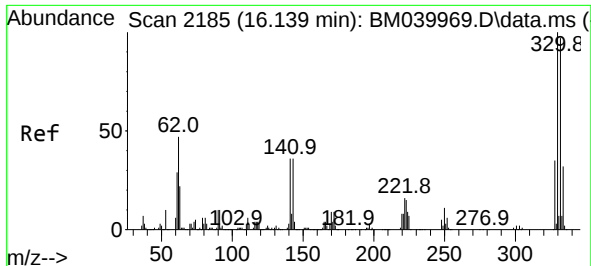
Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

160 45.3 36.7 55.1

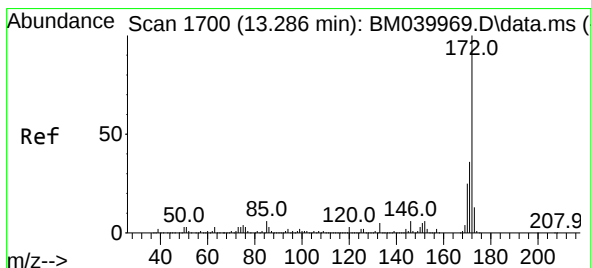
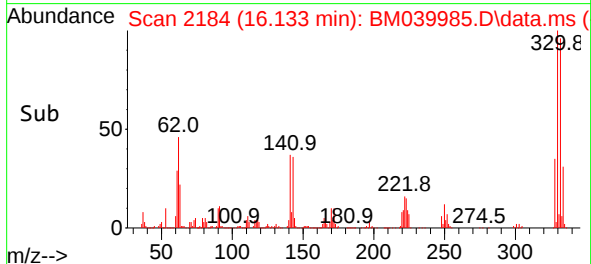
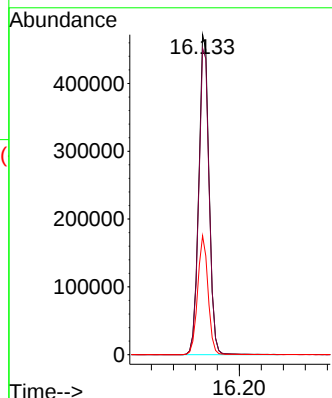
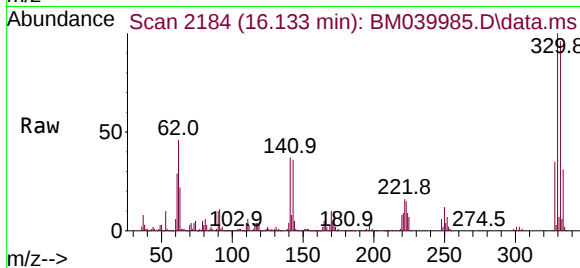




#42
2,4,6-Tribromophenol
Concen: 70.486 ng
RT: 16.133 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM039985.D
Acq: 24 May 2023 15:46

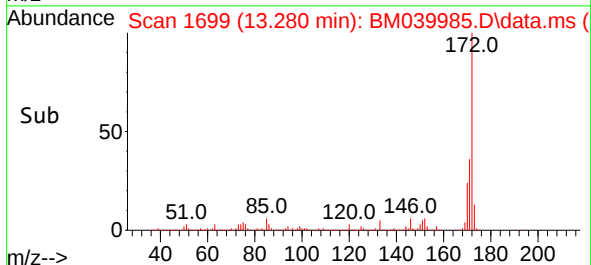
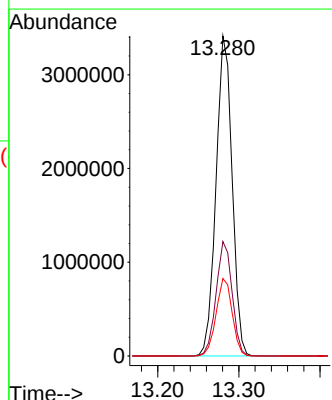
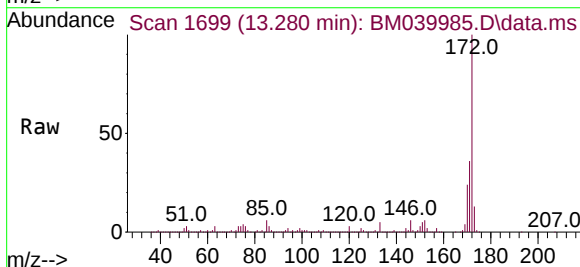
Instrument :
BNA_M
ClientSampleId :
WG-0516-B3-GW

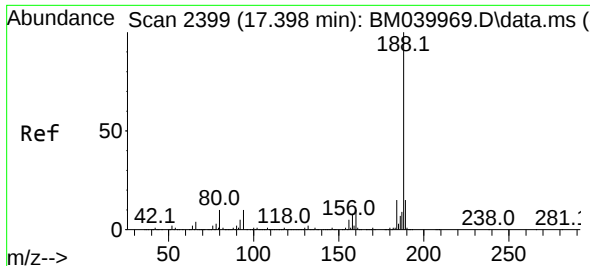
Tgt Ion:330 Resp: 615385
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 37.2 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 82.430 ng
RT: 13.280 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM039985.D
Acq: 24 May 2023 15:46

Tgt Ion:172 Resp: 4700983
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.2 19.6 29.4

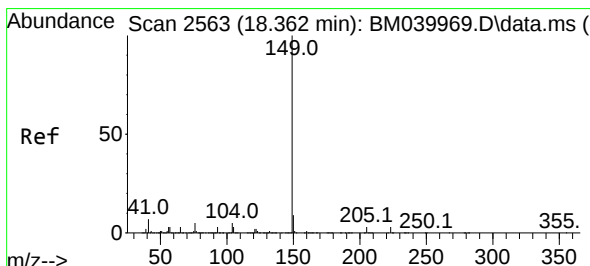
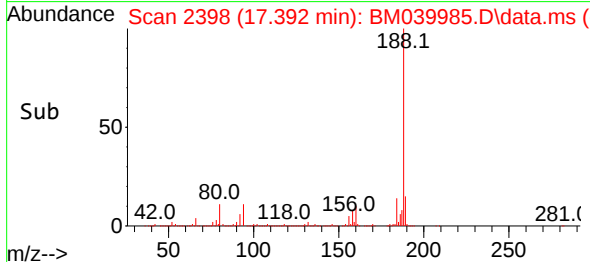
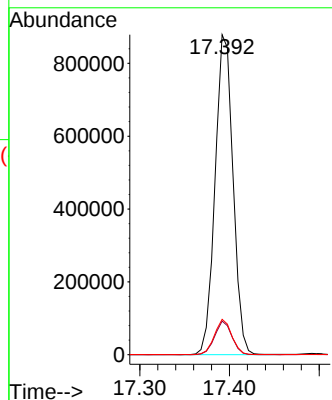
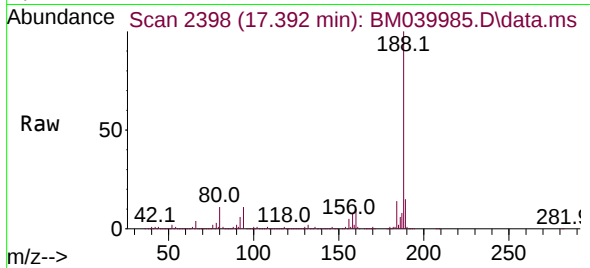




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039985.D
Acq: 24 May 2023 15:46

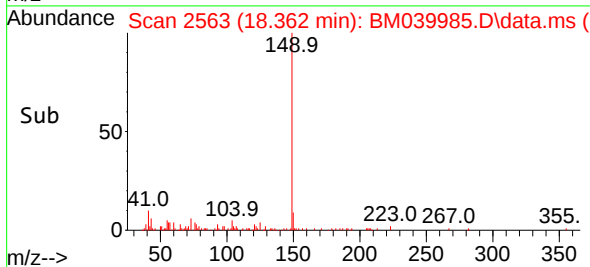
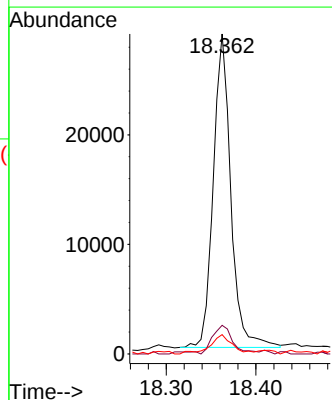
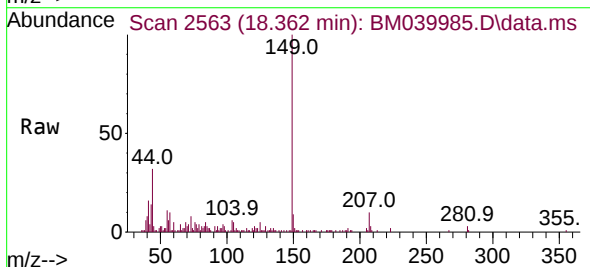
Instrument :
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ClientSampleId :
WG-0516-B3-GW

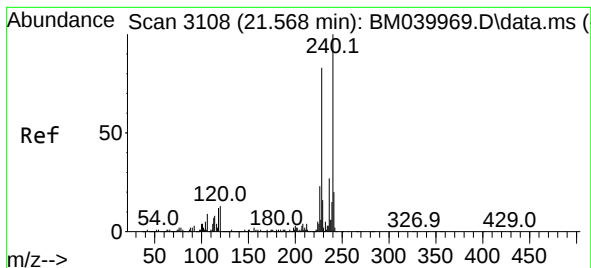
Tgt Ion:188 Resp: 1219184
Ion Ratio Lower Upper
188 100
94 10.5 7.8 11.8
80 11.0 8.2 12.4



#74
Di-n-butylphthalate
Concen: 4.091 ng
RT: 18.362 min Scan# 2563
Delta R.T. 0.000 min
Lab File: BM039985.D
Acq: 24 May 2023 15:46

Tgt Ion:149 Resp: 38747
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 6.1 4.2 6.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039985.D

Acq: 24 May 2023 15:46

Instrument :

BNA_M

ClientSampleId :

WG-0516-B3-GW

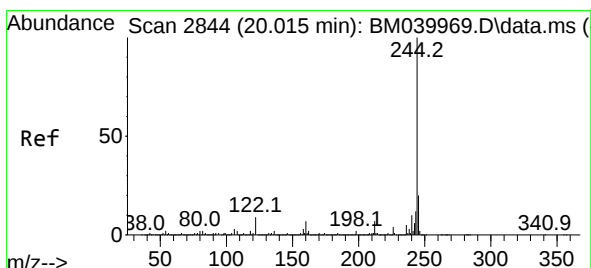
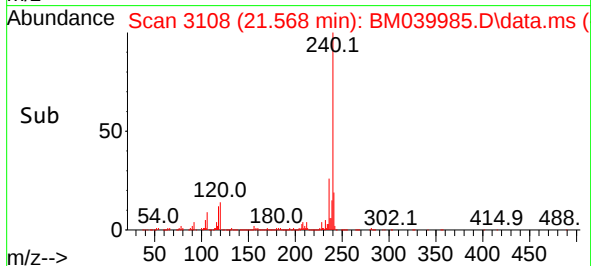
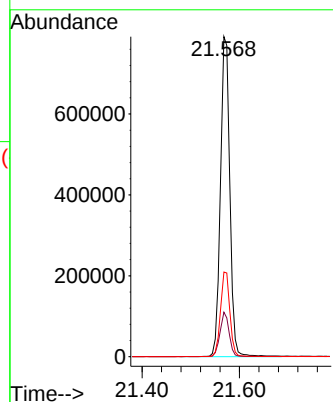
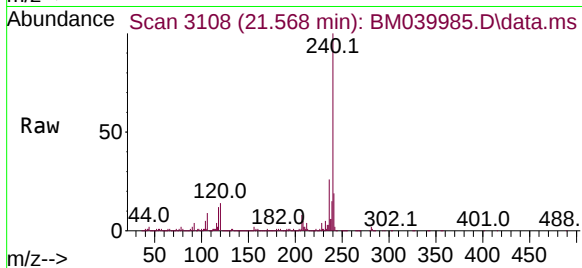
Tgt Ion:240 Resp: 1054003

Ion Ratio Lower Upper

240 100

120 13.9 10.1 15.1

236 26.5 21.3 31.9



#79

Terphenyl-d14

Concen: 91.446 ng

RT: 20.009 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BM039985.D

Acq: 24 May 2023 15:46

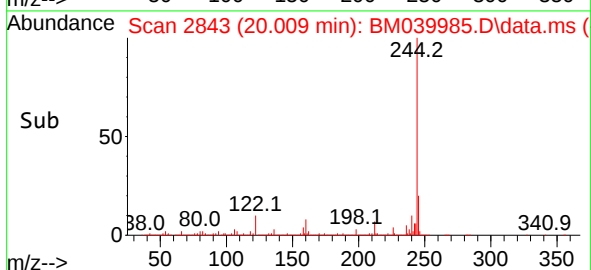
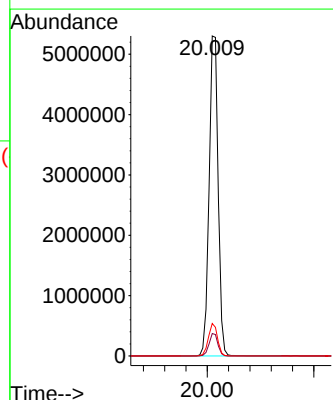
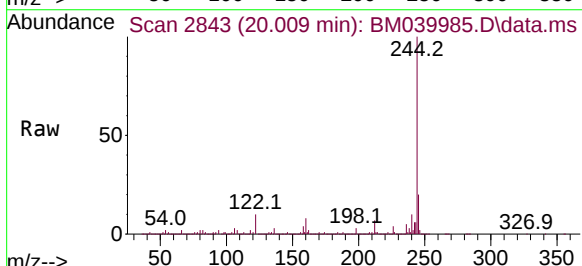
Tgt Ion:244 Resp: 6207532

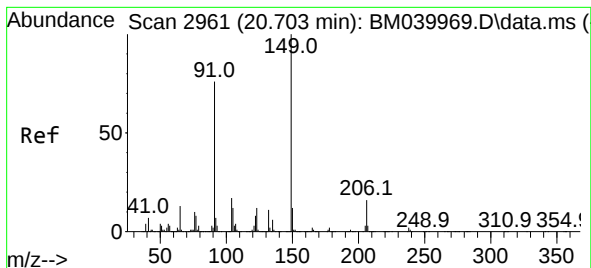
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 10.1 7.1 10.7





#80

Butylbenzylphthalate

Concen: 5.018 ng

RT: 20.703 min Scan# 2961

Delta R.T. 0.000 min

Lab File: BM039985.D

Acq: 24 May 2023 15:46

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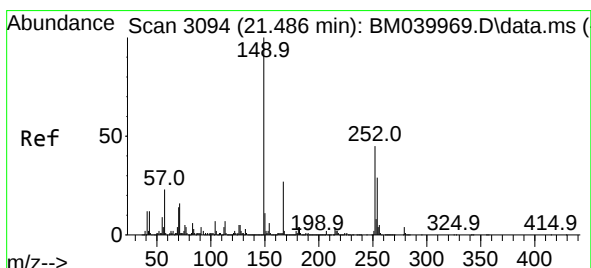
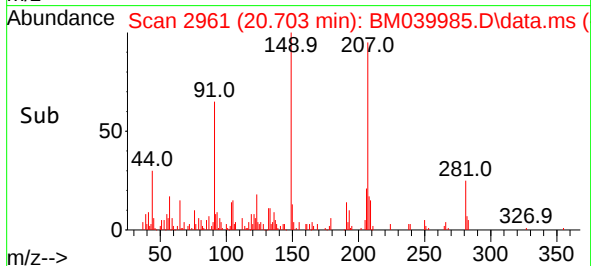
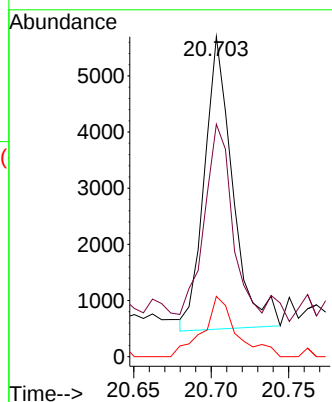
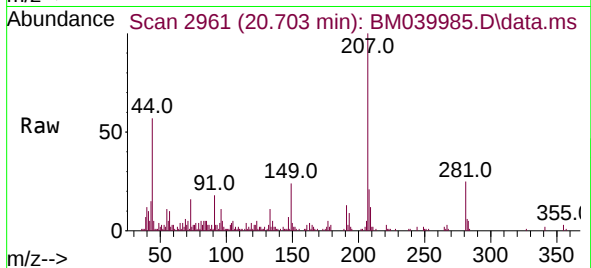
Tgt Ion:149 Resp: 6599

Ion Ratio Lower Upper

149 100

91 72.6 61.0 91.4

206 18.8 12.7 19.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.873 ng

RT: 21.480 min Scan# 3093

Delta R.T. -0.006 min

Lab File: BM039985.D

Acq: 24 May 2023 15:46

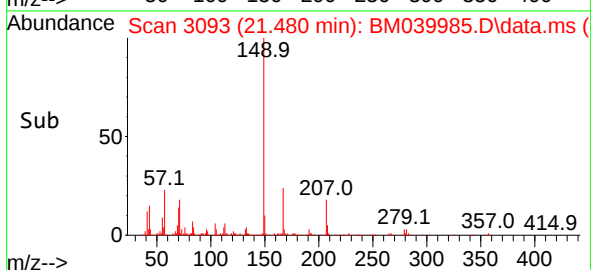
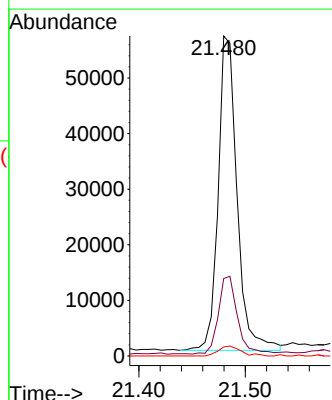
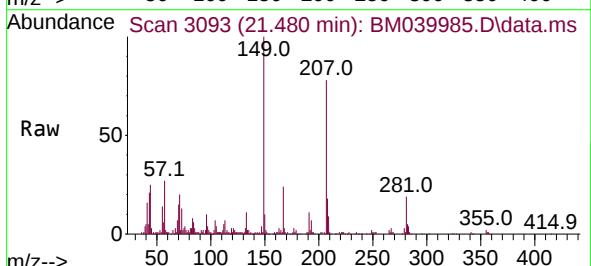
Tgt Ion:149 Resp: 69628

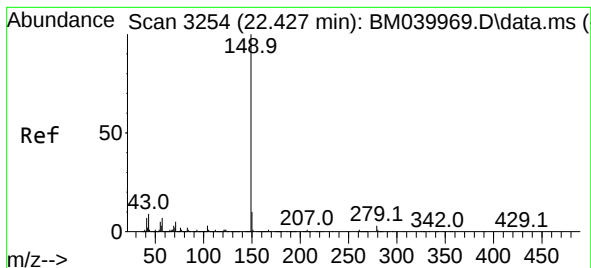
Ion Ratio Lower Upper

149 100

167 24.2 21.4 32.2

279 2.8 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 7.290 ng

RT: 22.427 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039985.D

Acq: 24 May 2023 15:46

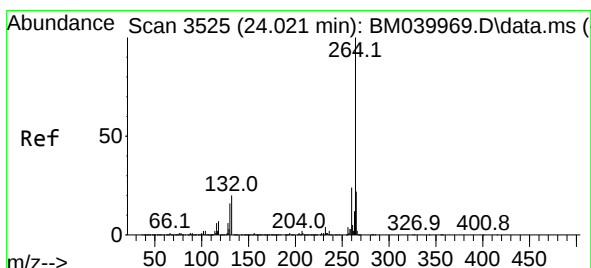
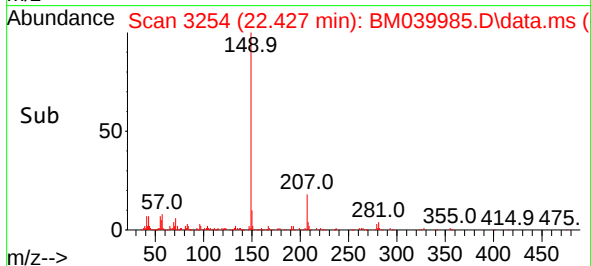
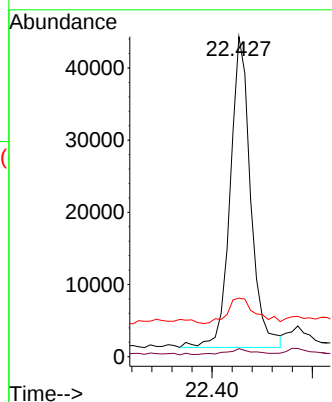
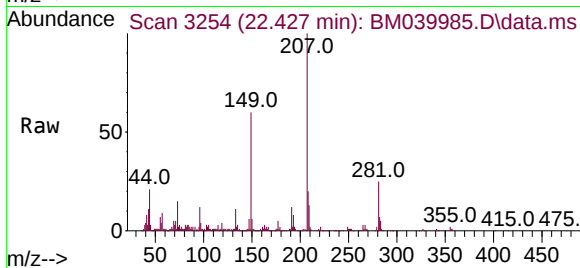
Instrument :

BNA_M

ClientSampleId :

WG-0516-B3-GW

Tgt Ion:	149	Resp:	61134
Ion Ratio	Lower	Upper	
149	100		
167	2.3	1.1	1.7#
43	11.0	7.4	11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.021 min Scan# 3525

Delta R.T. -0.000 min

Lab File: BM039985.D

Acq: 24 May 2023 15:46

Tgt Ion:	264	Resp:	1125240
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	21.3	17.7	26.5

