

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
 Data File : BM039991.D
 Acq On : 24 May 2023 19:26
 Operator : CG/JU
 Sample : 02888-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FS-SB-20(ELEV-28-26)

Quant Time: May 25 04:30:02 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)

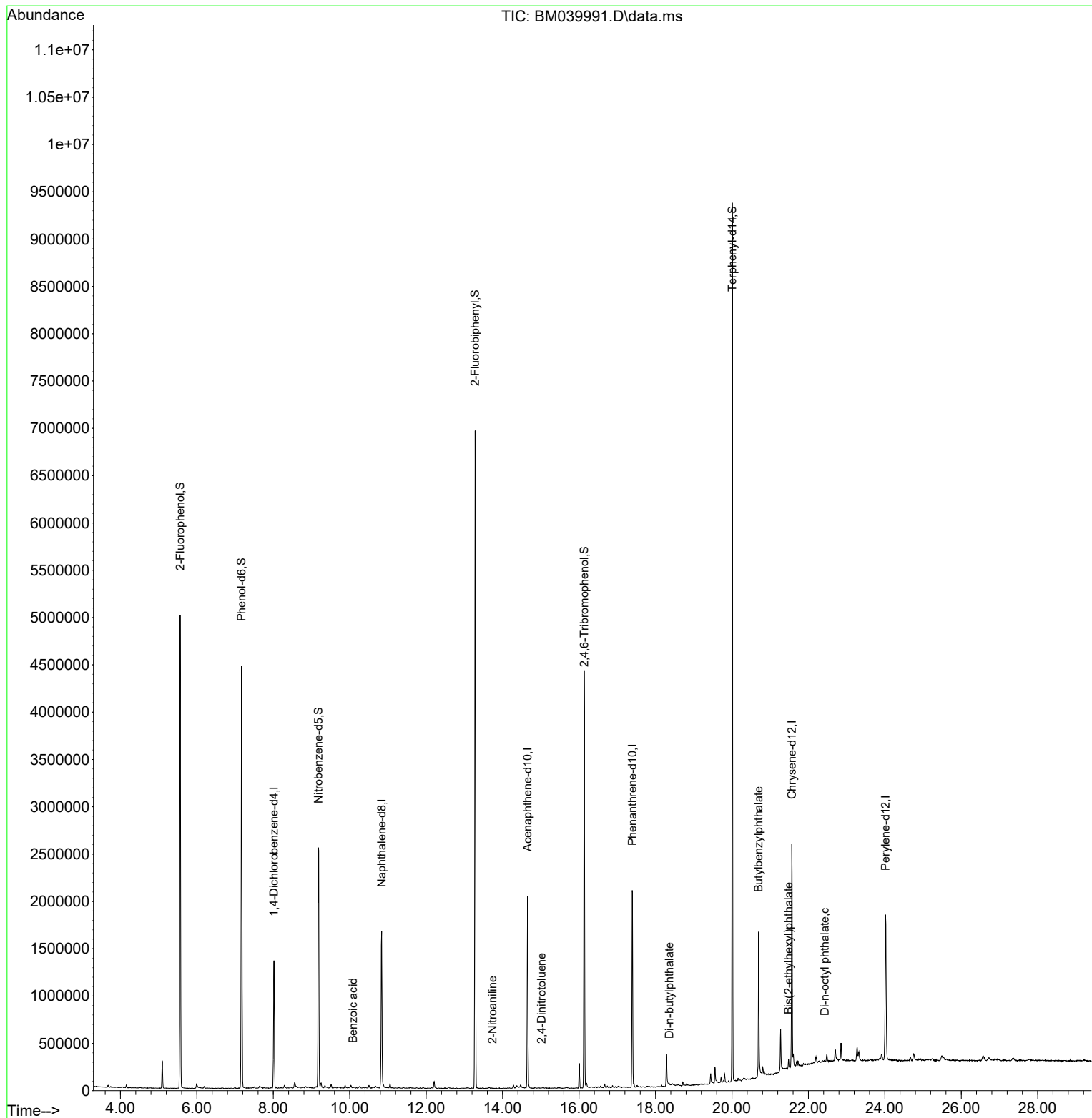
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	357011	20.000	ng	0.00
21) Naphthalene-d8	10.833	136	1360028	20.000	ng	0.00
39) Acenaphthene-d10	14.651	164	658717	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	1173018	20.000	ng	0.00
76) Chrysene-d12	21.568	240	946641	20.000	ng	0.00
86) Perylene-d12	24.021	264	1062275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	2188562	94.034	ng	0.00
7) Phenol-d6	7.169	99	2599642	85.626	ng	0.00
23) Nitrobenzene-d5	9.181	82	1427818	56.650	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	745366	87.181	ng	0.00
45) 2-Fluorobiphenyl	13.280	172	3233682	57.902	ng	0.00
79) Terphenyl-d14	20.009	244	3997457	65.567	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.086	122	98	7.809	ng	# 65
48) 2-Nitroaniline	13.733	65	944	2.639	ng	# 32
57) 2,4-Dinitrotoluene	15.021	165	472	3.780	ng	# 30
74) Di-n-butylphthalate	18.362	149	8587	3.761	ng	# 91
80) Butylbenzylphthalate	20.698	149	3522	4.943	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.480	149	33348	4.280	ng	# 96
85) Di-n-octyl phthalate	22.427	149	12522	6.768	ng	# 88

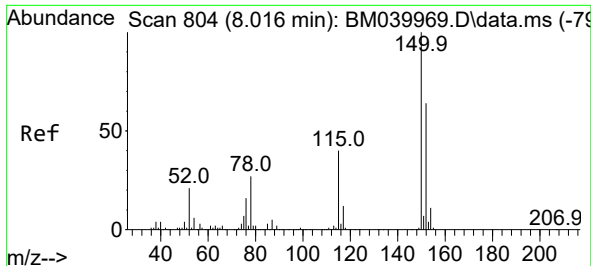
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
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Quant Time: May 25 04:30:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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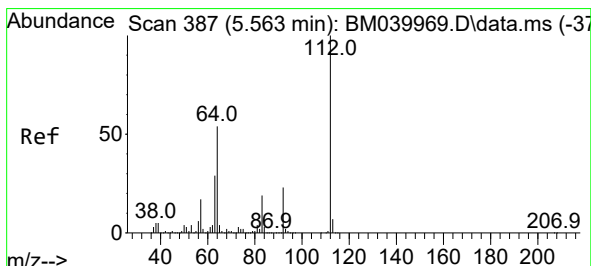
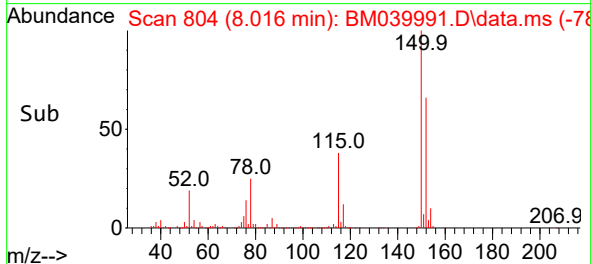
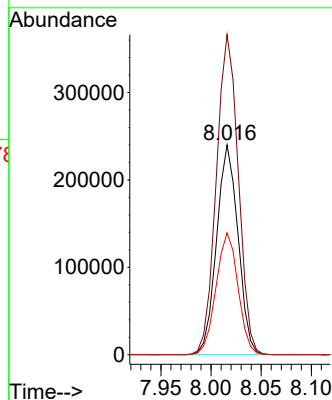
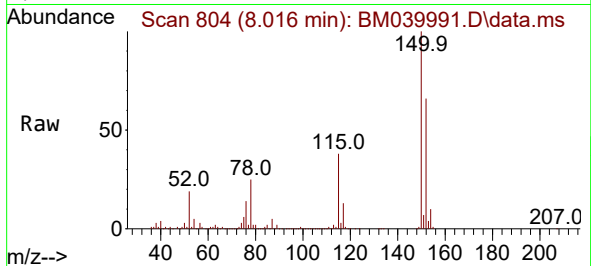




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.016 min Scan# 804
Delta R.T. -0.000 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

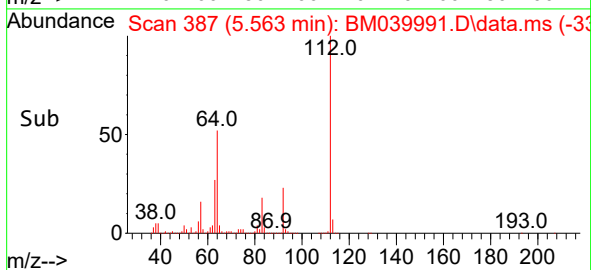
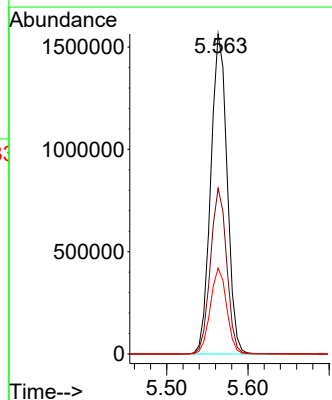
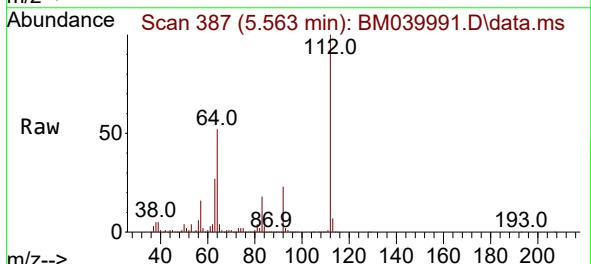
Instrument :
BNA_M
ClientSampleId :
FS-SB-20(ELEV-28-26)

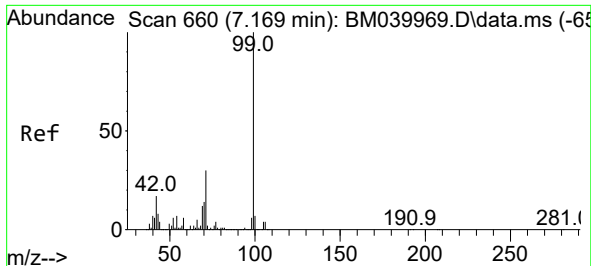
Tgt Ion:152 Resp: 357011
Ion Ratio Lower Upper
152 100
150 152.5 125.5 188.3
115 58.1 50.2 75.2



#5
2-Fluorophenol
Concen: 94.034 ng
RT: 5.563 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

Tgt Ion:112 Resp: 2188562
Ion Ratio Lower Upper
112 100
64 51.8 43.0 64.4
63 26.8 22.9 34.3



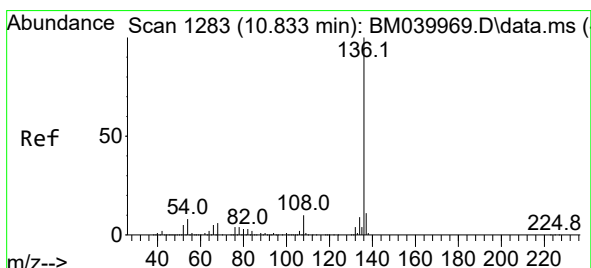
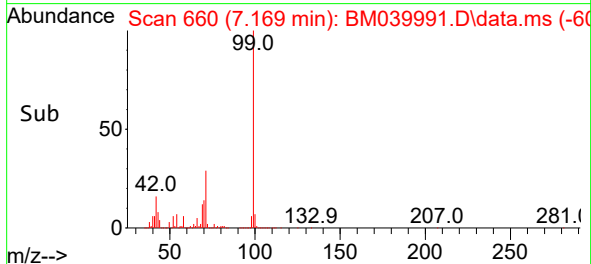
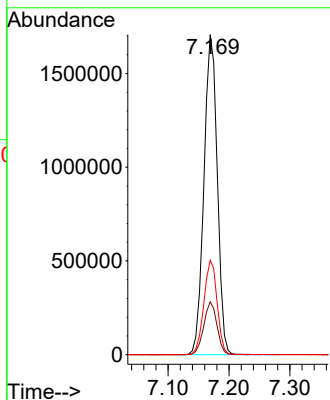
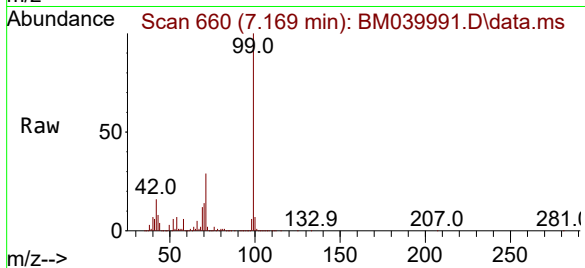


#7
Phenol-d6
Concen: 85.626 ng
RT: 7.169 min Scan# 660
Delta R.T. 0.000 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

Instrument :
BNA_M
ClientSampleId :
FS-SB-20(ELEV-28-26)

Tgt Ion: 99 Resp: 2599642

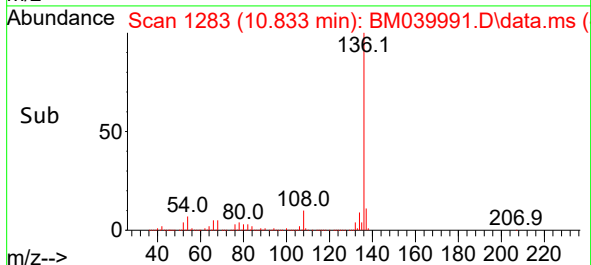
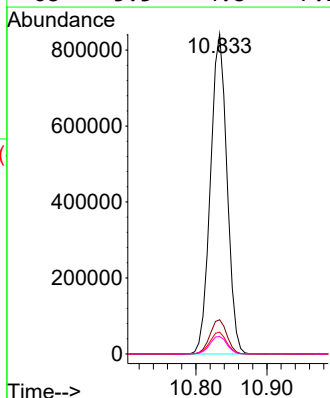
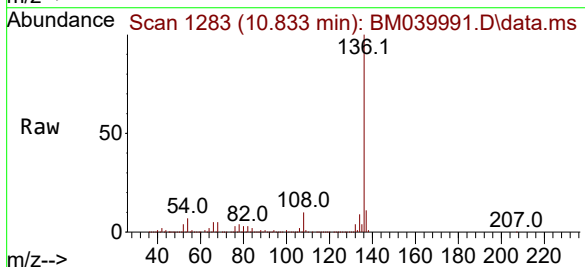
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.6
71	29.5	24.4	36.6

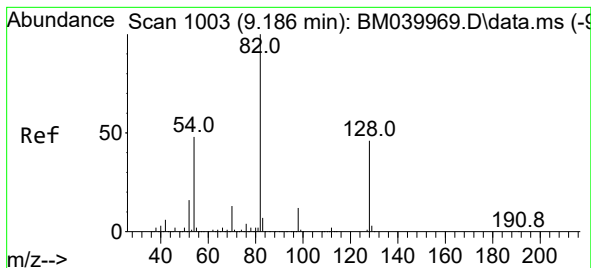


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.833 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

Tgt Ion: 136 Resp: 1360028

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.8	6.1	9.1
68	5.5	4.8	7.2





#23

Nitrobenzene-d5

Concen: 56.650 ng

RT: 9.181 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM039991.D

Acq: 24 May 2023 19:26

Instrument :

BNA_M

ClientSampleId :

FS-SB-20(ELEV-28-26)

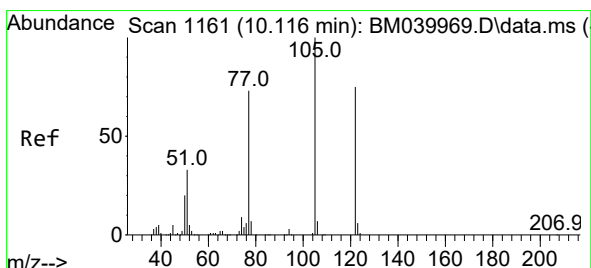
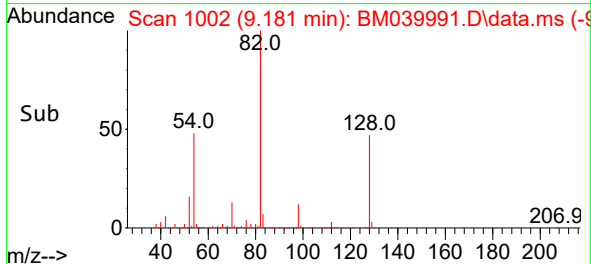
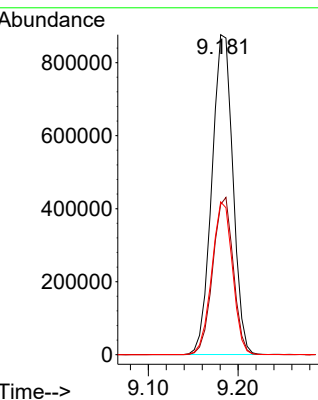
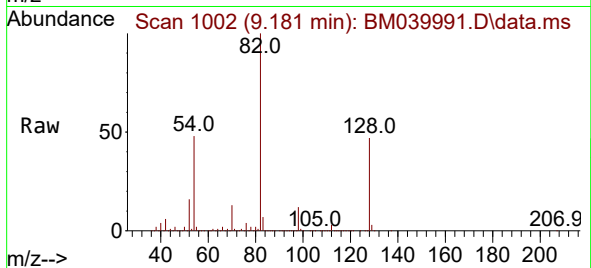
Tgt Ion: 82 Resp: 1427818

Ion Ratio Lower Upper

82 100

128 47.0 36.5 54.7

54 47.8 38.3 57.5



#32

Benzoic acid

Concen: 7.809 ng

RT: 10.086 min Scan# 1156

Delta R.T. -0.030 min

Lab File: BM039991.D

Acq: 24 May 2023 19:26

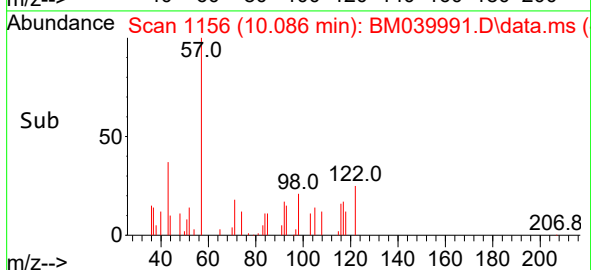
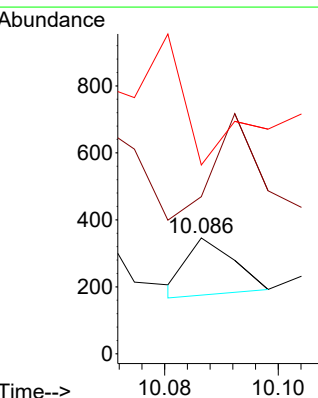
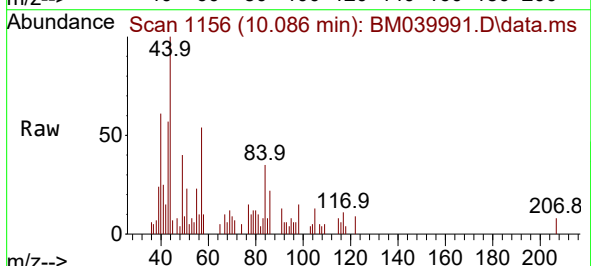
Tgt Ion:122 Resp: 98

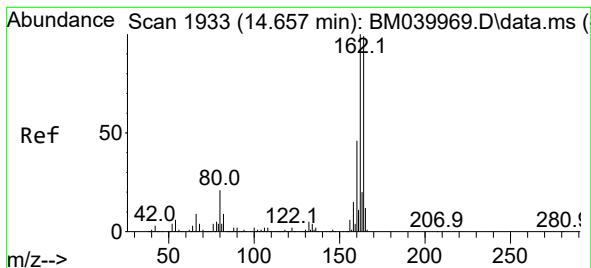
Ion Ratio Lower Upper

122 100

105 135.5 106.0 146.0

77 163.0 74.7 114.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.651 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BM039991.D

Acq: 24 May 2023 19:26

Instrument :

BNA_M

ClientSampleId :

FS-SB-20(ELEV-28-26)

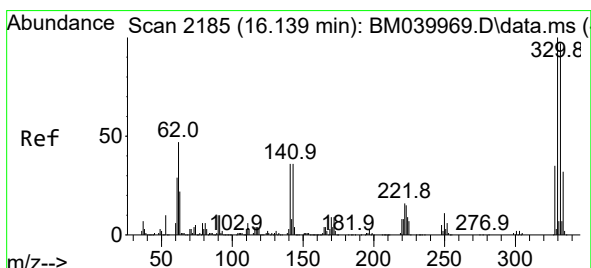
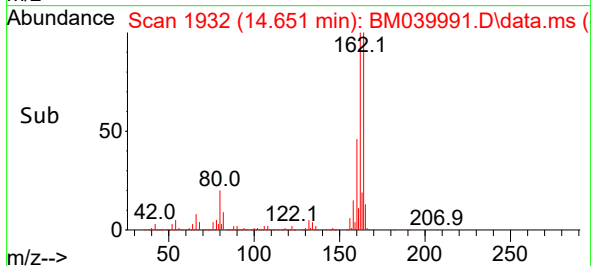
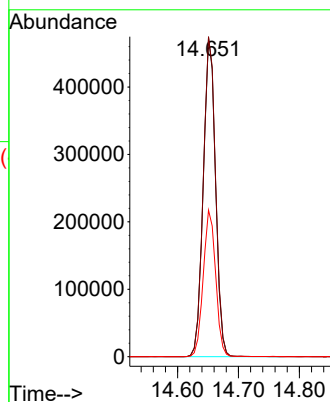
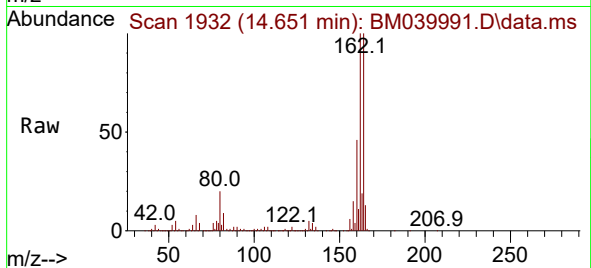
Tgt Ion:164 Resp: 658717

Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

160 45.9 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 87.181 ng

RT: 16.139 min Scan# 2185

Delta R.T. -0.000 min

Lab File: BM039991.D

Acq: 24 May 2023 19:26

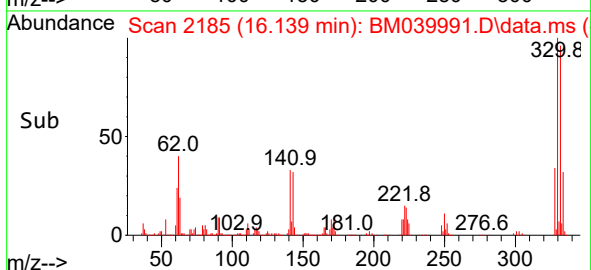
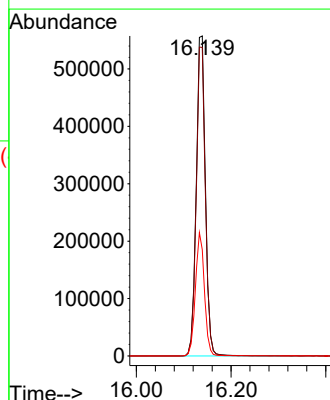
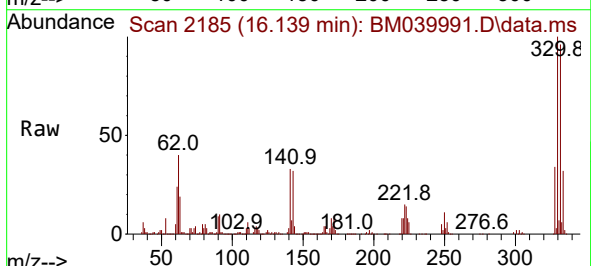
Tgt Ion:330 Resp: 745366

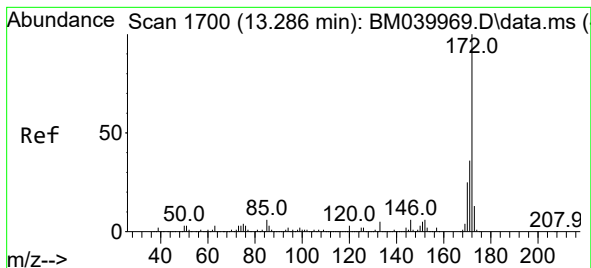
Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

141 38.1 31.6 47.4





#45

2-Fluorobiphenyl

Concen: 57.902 ng

RT: 13.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039991.D

Acq: 24 May 2023 19:26

Instrument :

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ClientSampleId :

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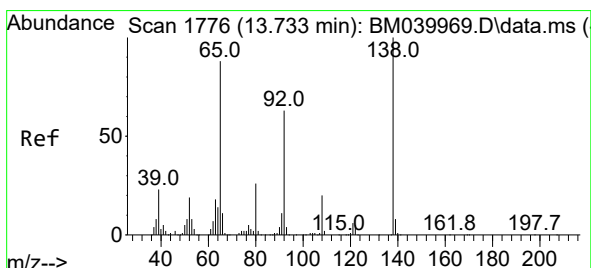
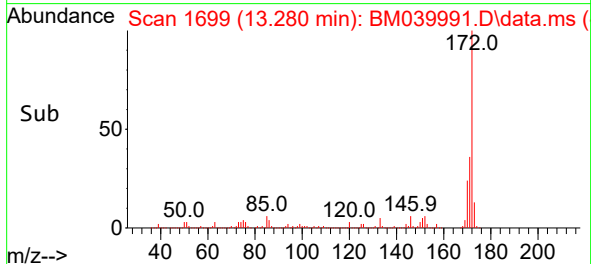
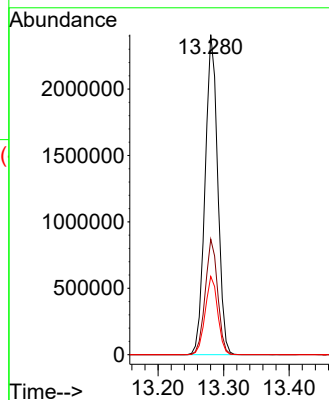
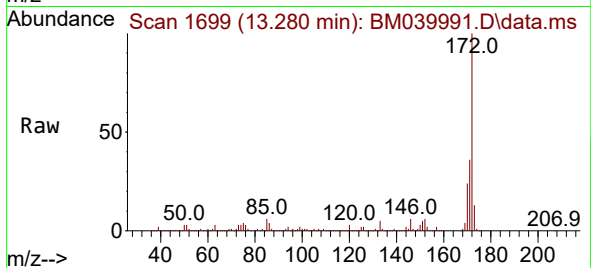
Tgt Ion:172 Resp: 3233682

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.4 19.6 29.4



#48

2-Nitroaniline

Concen: 2.639 ng

RT: 13.733 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BM039991.D

Acq: 24 May 2023 19:26

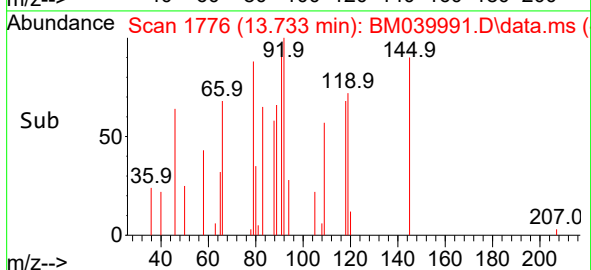
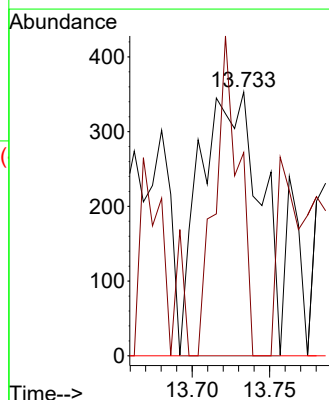
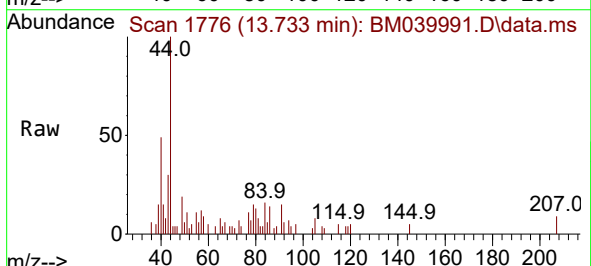
Tgt Ion: 65 Resp: 944

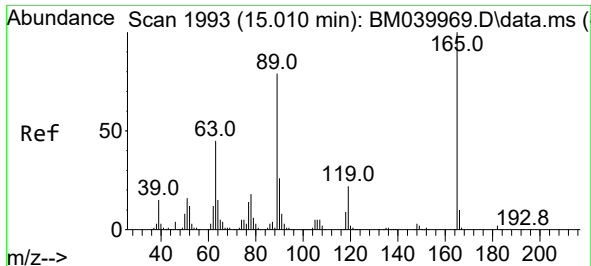
Ion Ratio Lower Upper

65 100

92 77.1 57.0 85.6

138 0.0 91.1 136.7#





#57

2,4-Dinitrotoluene

Concen: 3.780 ng

RT: 15.021 min Scan# 1995

Delta R.T. 0.011 min

Lab File: BM039991.D

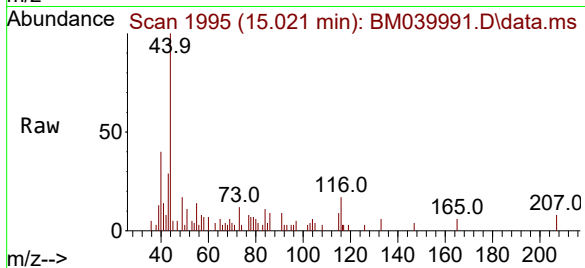
Acq: 24 May 2023 19:26

Instrument :

BNA_M

ClientSampleId :

FS-SB-20(ELEV-28-26)



Tgt Ion:165 Resp: 472

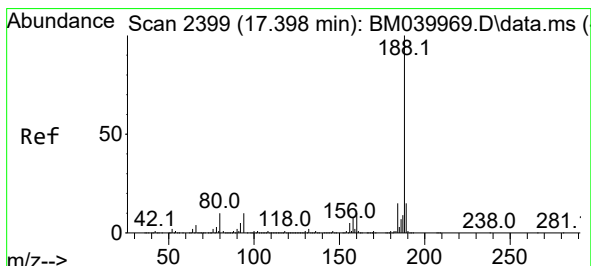
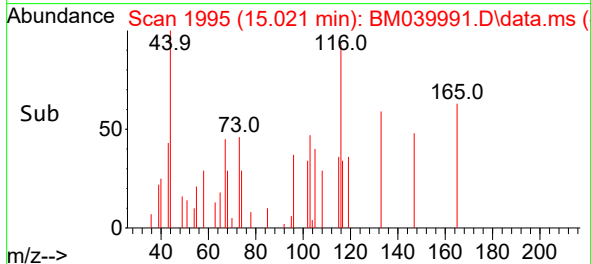
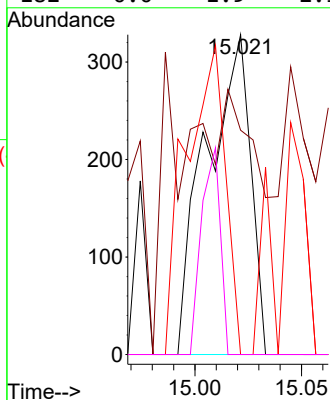
Ion Ratio Lower Upper

165 100

63 70.1 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: 17.392 min Scan# 2398

Delta R.T. -0.006 min

Lab File: BM039991.D

Acq: 24 May 2023 19:26

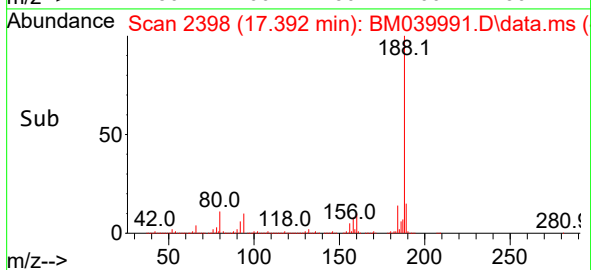
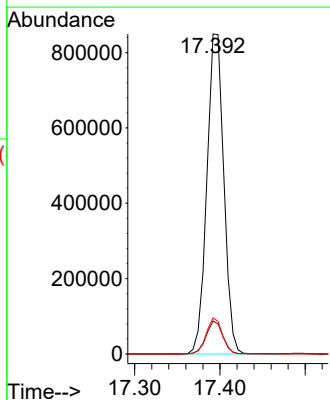
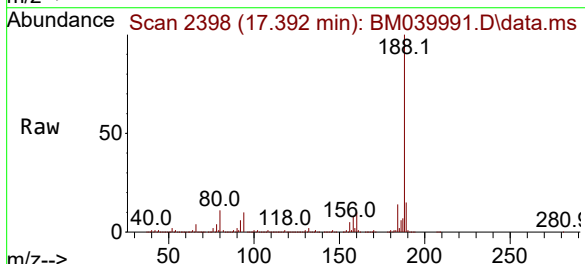
Tgt Ion:188 Resp: 1173018

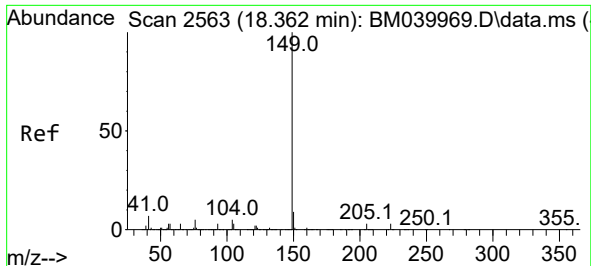
Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.8

80 11.2 8.2 12.4

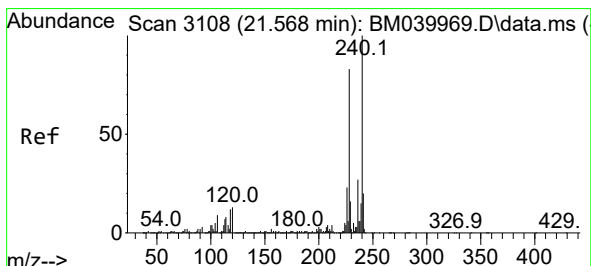
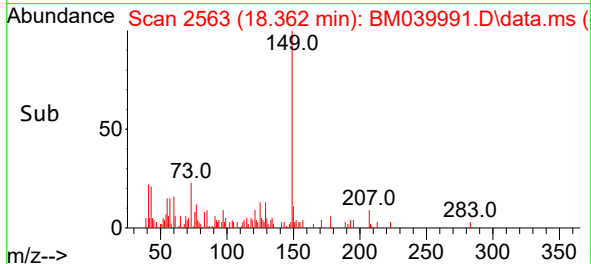
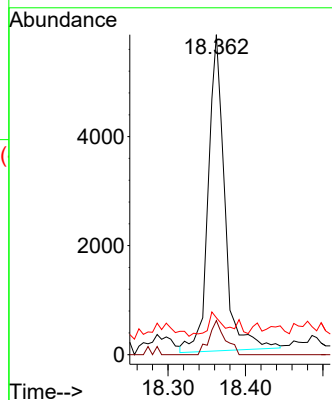
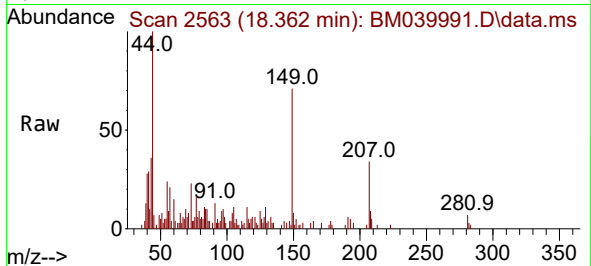




#74
Di-n-butylphthalate
Concen: 3.761 ng
RT: 18.362 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

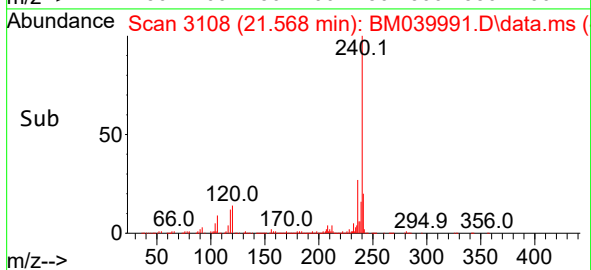
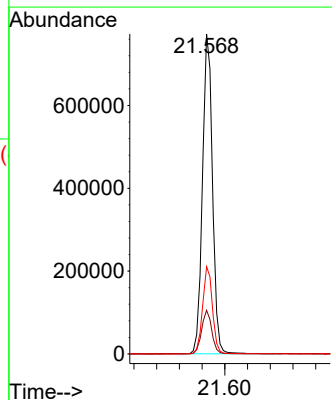
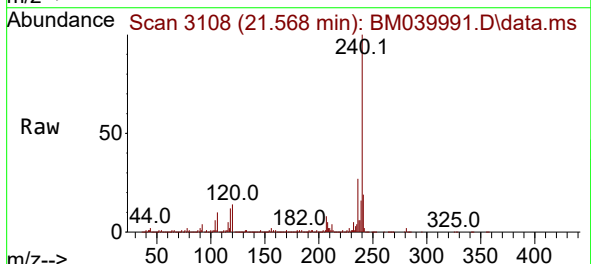
Instrument :
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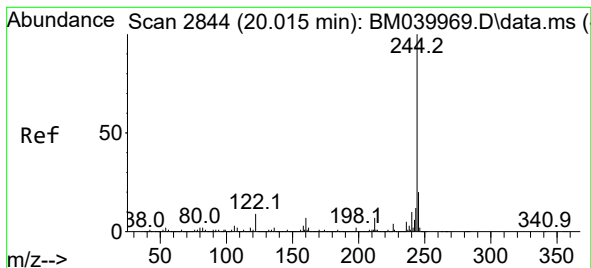
Tgt Ion:149 Resp: 8587
Ion Ratio Lower Upper
149 100
150 10.7 7.4 11.2
104 11.6 4.2 6.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

Tgt Ion:240 Resp: 946641
Ion Ratio Lower Upper
240 100
120 13.7 10.1 15.1
236 27.3 21.3 31.9





#79

Terphenyl-d14

Concen: 65.567 ng

RT: 20.009 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039991.D

Acq: 24 May 2023 19:26

Instrument :

BNA_M

ClientSampleId :

FS-SB-20(ELEV-28-26)

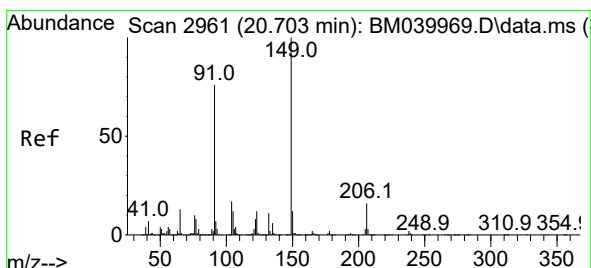
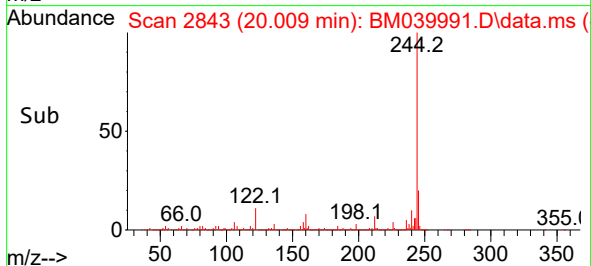
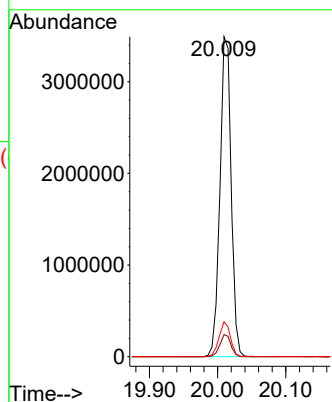
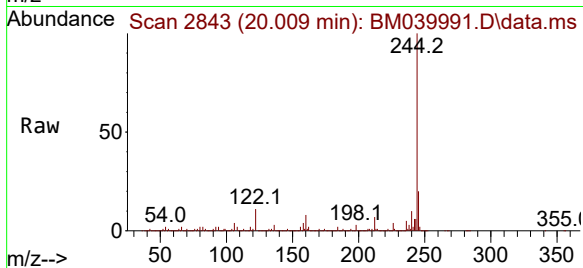
Tgt Ion:244 Resp: 3997457

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 10.9 7.1 10.7#



#80

Butylbenzylphthalate

Concen: 4.943 ng

RT: 20.698 min Scan# 2960

Delta R.T. -0.005 min

Lab File: BM039991.D

Acq: 24 May 2023 19:26

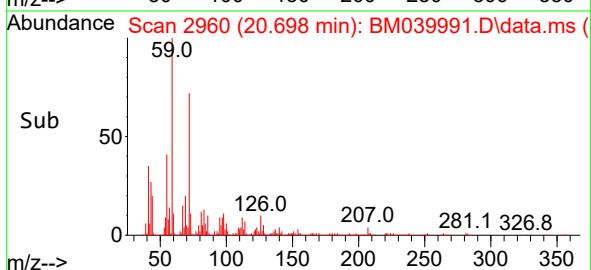
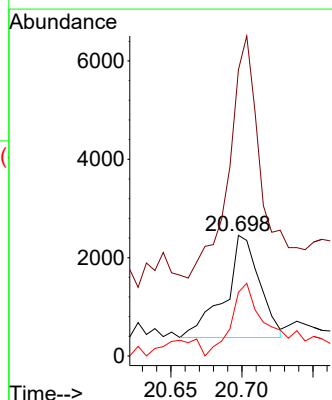
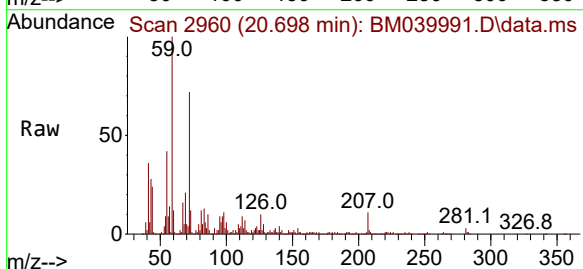
Tgt Ion:149 Resp: 3522

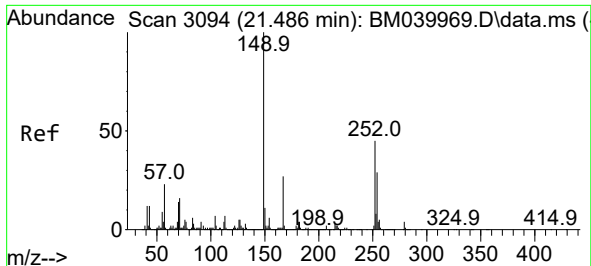
Ion Ratio Lower Upper

149 100

91 237.4 61.0 91.4#

206 52.8 12.7 19.1#

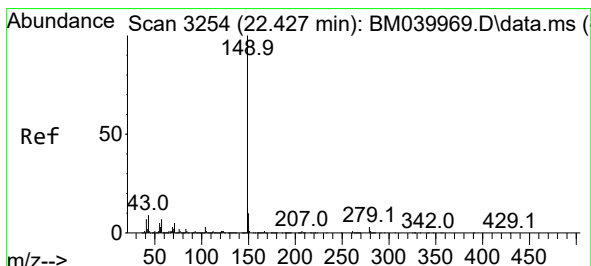
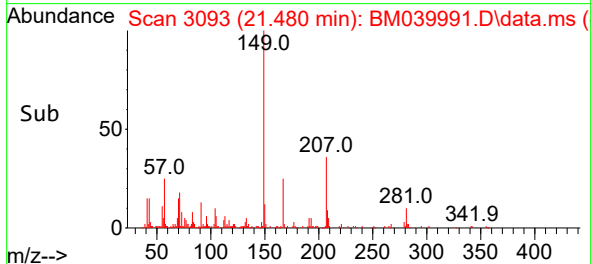
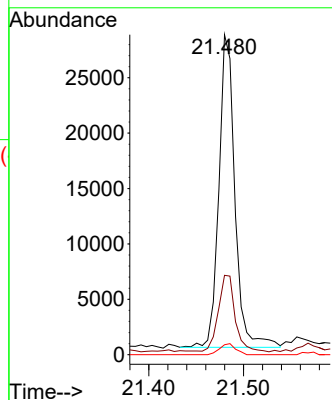
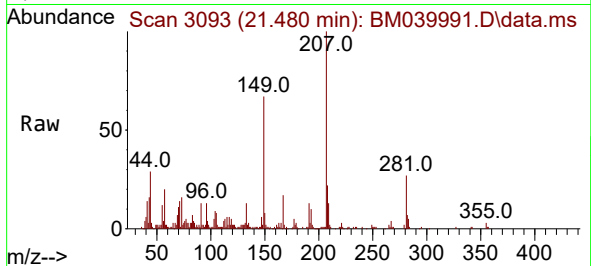




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.280 ng
RT: 21.480 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

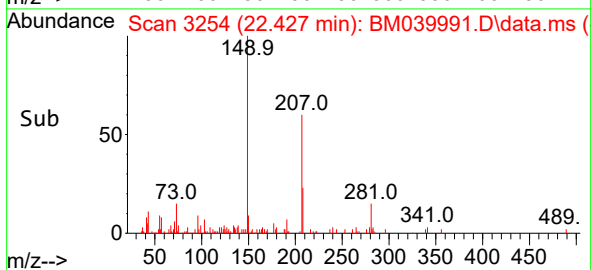
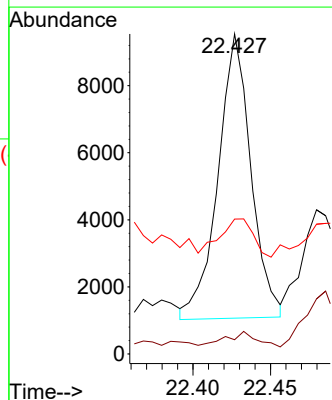
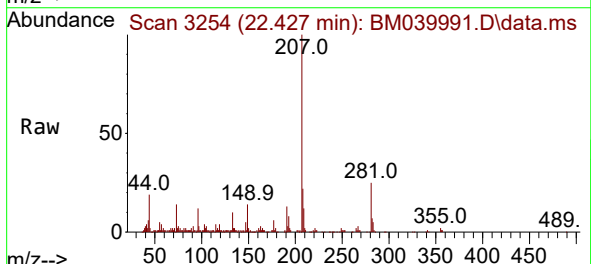
Instrument :
BNA_M
ClientSampleId :
FS-SB-20(ELEV-28-26)

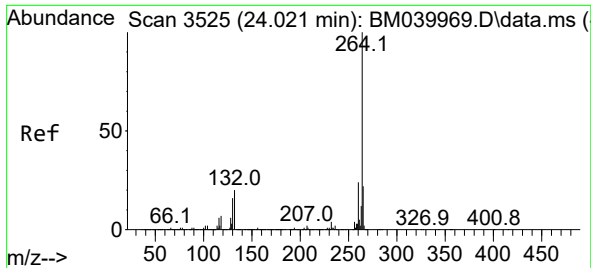
Tgt Ion:149 Resp: 33348
Ion Ratio Lower Upper
149 100
167 24.8 21.4 32.2
279 3.1 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 6.768 ng
RT: 22.427 min Scan# 3254
Delta R.T. -0.000 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

Tgt Ion:149 Resp: 12522
Ion Ratio Lower Upper
149 100
167 5.0 1.1 1.7#
43 13.6 7.4 11.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.021 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

Instrument :
BNA_M
ClientSampleId :
FS-SB-20(ELEV-28-26)

Tgt Ion:264 Resp: 1062275

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.0	17.7	26.5

