

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
 Data File : BM039071.D
 Acq On : 21 Mar 2023 16:24
 Operator : CG/JU
 Sample : 02020-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-3

Quant Time: Mar 22 03:41:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

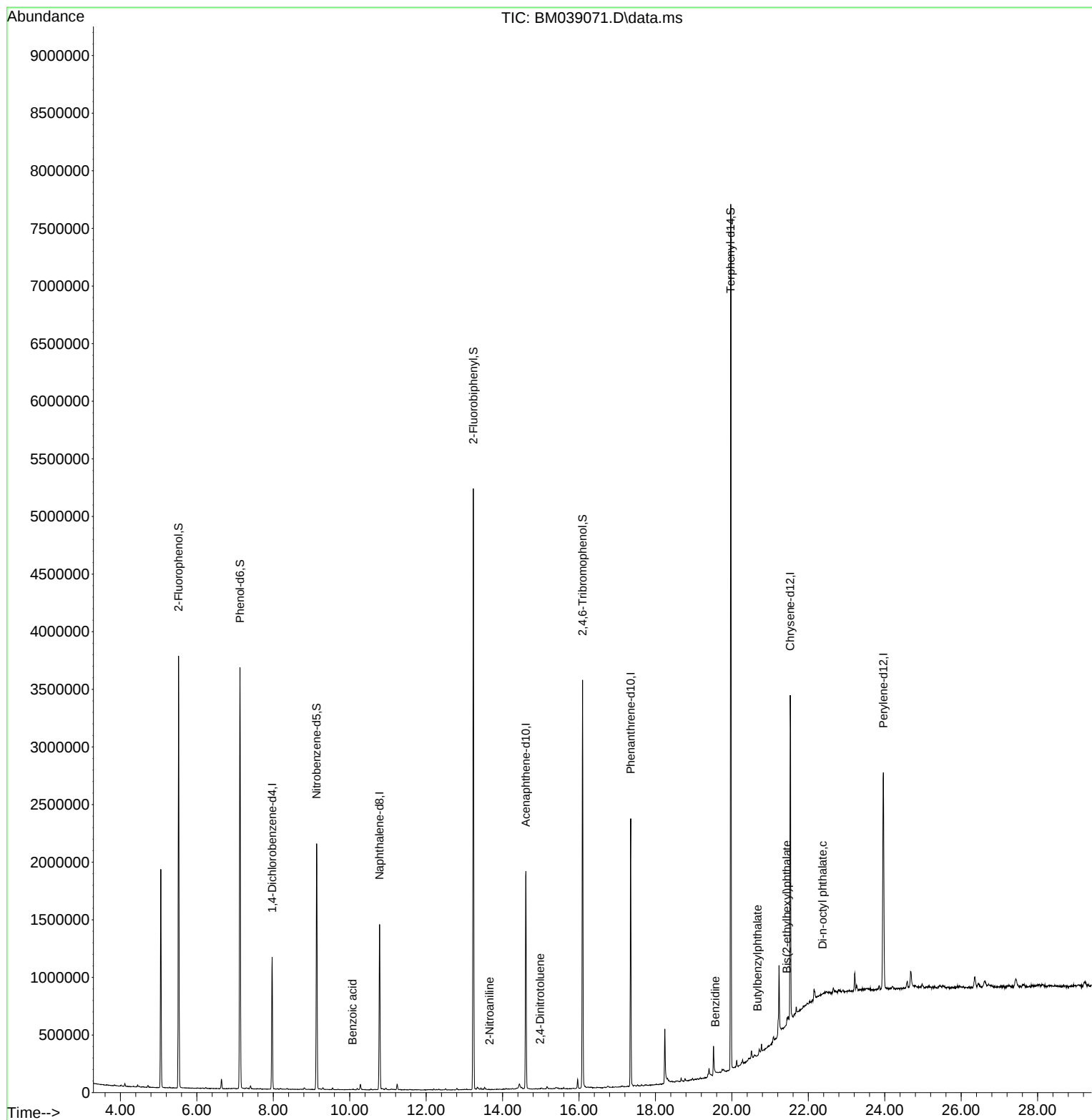
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	298508	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1145731	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	634053	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1309443	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1255206	20.000	ng	0.00
86) Perylene-d12	23.962	264	1389948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1586059	80.724	ng	0.00
7) Phenol-d6	7.128	99	2069720	81.100	ng	0.00
23) Nitrobenzene-d5	9.134	82	1206242	51.715	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	571116	77.862	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	2487980	51.082	ng	0.00
79) Terphenyl-d14	19.968	244	3493229	50.882	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.075	122	130	5.741	ng	# 23
48) 2-Nitroaniline	13.663	65	571	2.257	ng	# 6
57) 2,4-Dinitrotoluene	14.980	165	240	2.087	ng	# 24
77) Benzidine	19.562	184	163	4.881	ng	# 1
80) Butylbenzylphthalate	20.668	149	590	3.330	ng	# 80
84) Bis(2-ethylhexyl)phtha...	21.439	149	15898	2.745	ng	97
85) Di-n-octyl phthalate	22.374	149	1978	3.815	ng	# 74

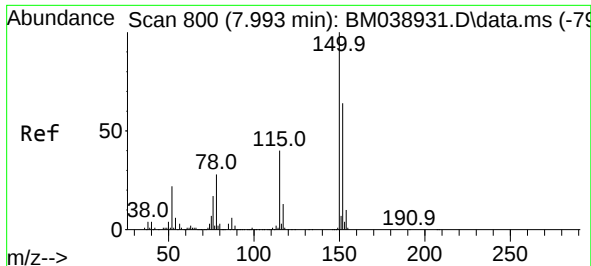
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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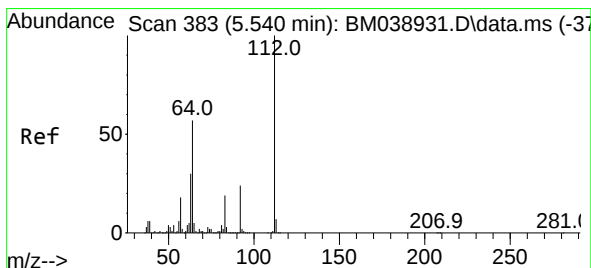
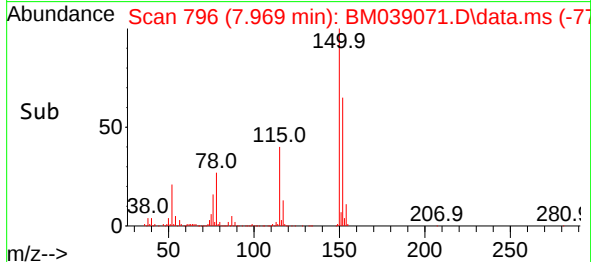
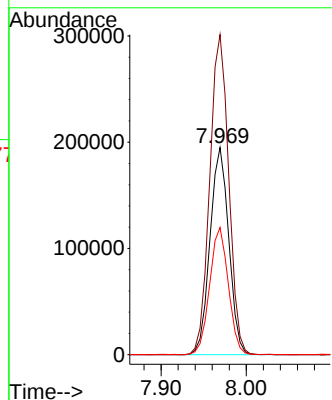
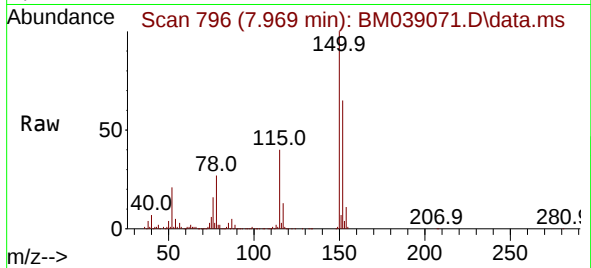




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

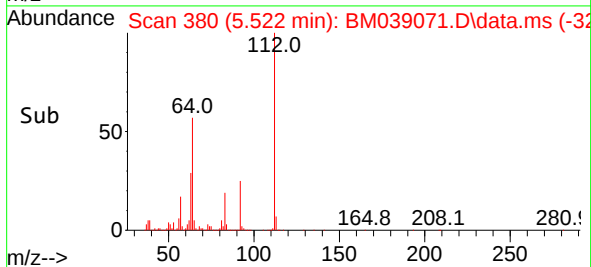
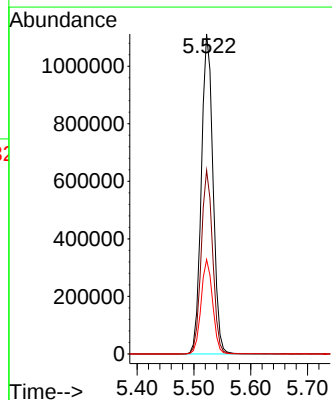
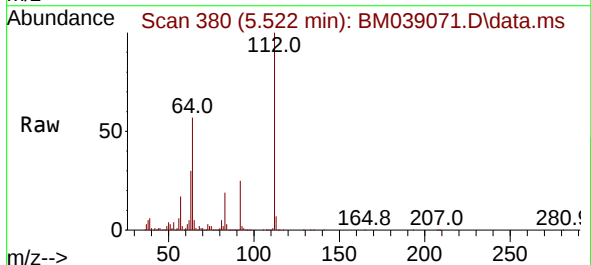
Instrument :
BNA_M
ClientSampleId :
SP-3

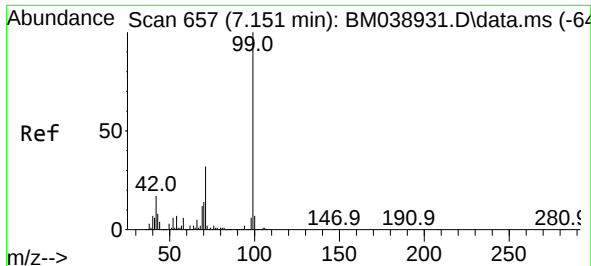
Tgt Ion:152 Resp: 298508
Ion Ratio Lower Upper
152 100
150 154.4 125.1 187.7
115 61.4 49.6 74.4



#5
2-Fluorophenol
Concen: 80.724 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

Tgt Ion:112 Resp: 1586059
Ion Ratio Lower Upper
112 100
64 57.4 45.9 68.9
63 29.5 23.8 35.8



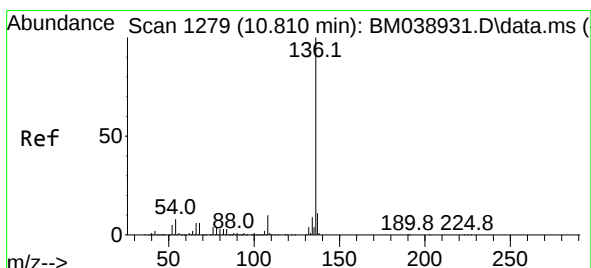
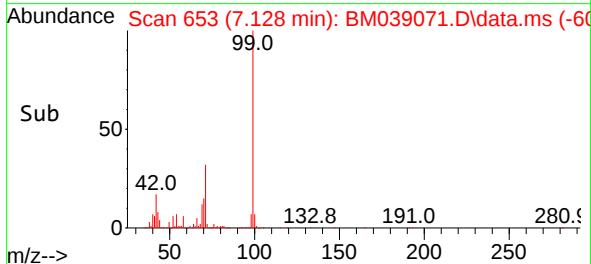
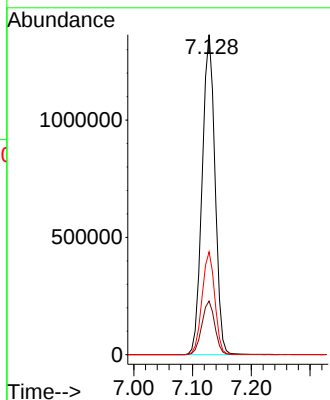
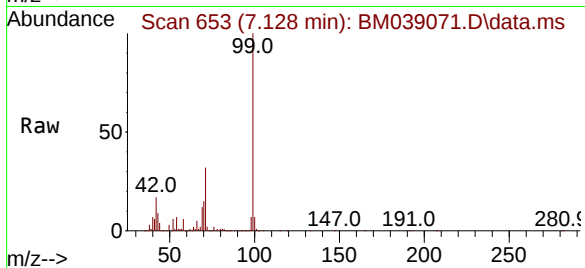


#7
Phenol-d6
Concen: 81.100 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

Instrument :
BNA_M
ClientSampleId :
SP-3

Tgt Ion: 99 Resp: 2069720

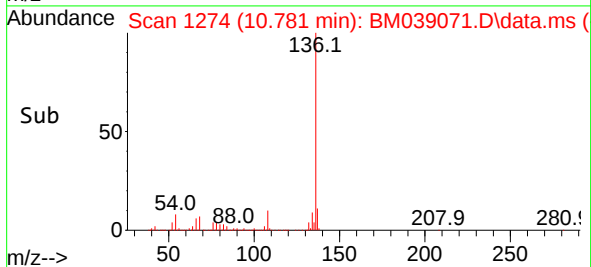
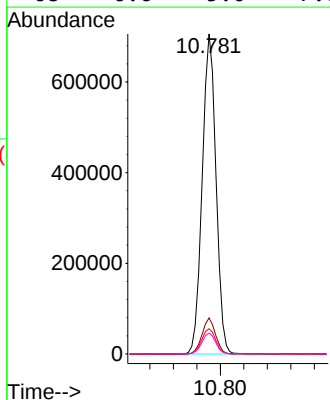
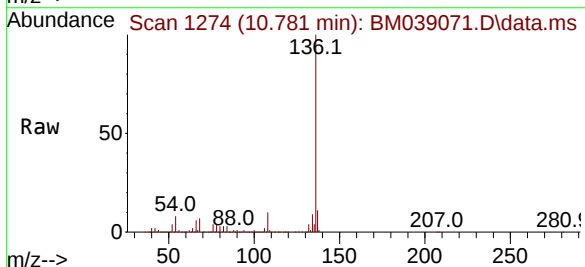
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	32.2	25.6	38.4

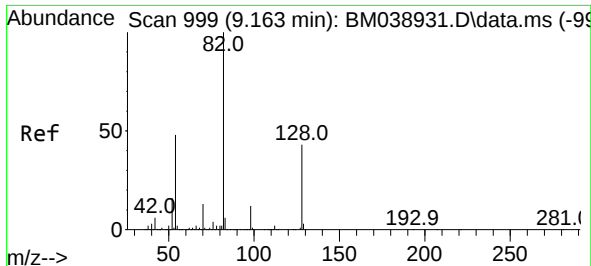


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

Tgt Ion: 136 Resp: 1145731

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.9	6.3	9.5
68	6.6	5.0	7.6

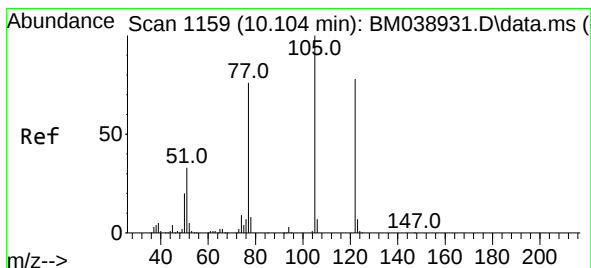
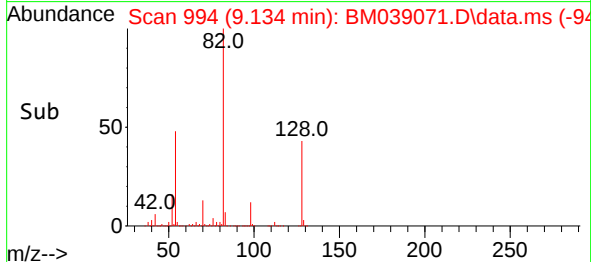
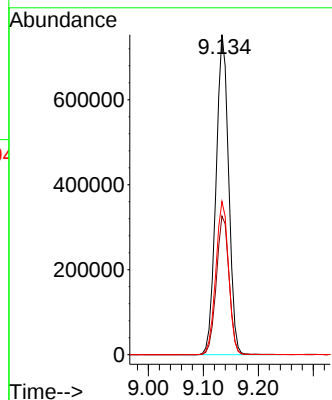
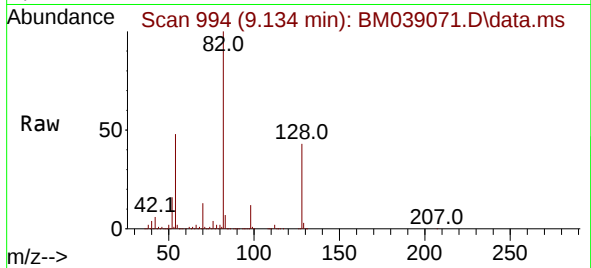




#23
Nitrobenzene-d5
Concen: 51.715 ng
RT: 9.134 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

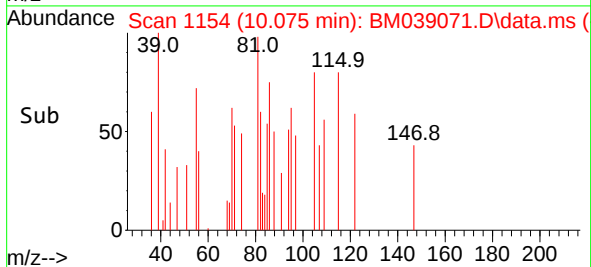
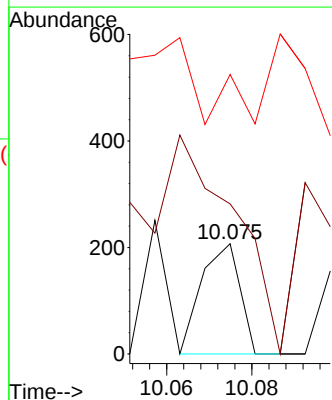
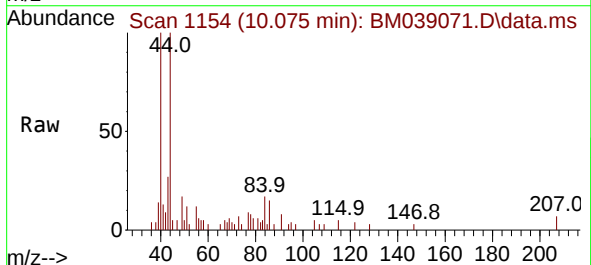
Instrument :
BNA_M
ClientSampleId :
SP-3

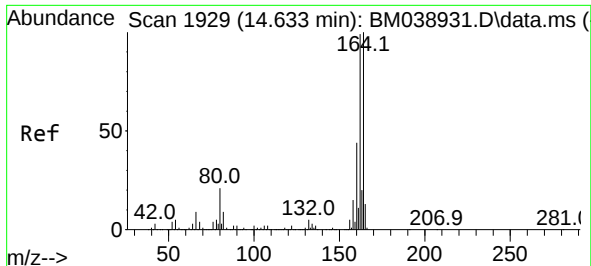
Tgt Ion: 82 Resp: 1206242
Ion Ratio Lower Upper
82 100
128 43.3 34.4 51.6
54 47.9 38.8 58.2



#32
Benzoic acid
Concen: 5.741 ng
RT: 10.075 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

Tgt Ion:122 Resp: 130
Ion Ratio Lower Upper
122 100
105 136.2 104.2 144.2
77 253.6 75.1 115.1#

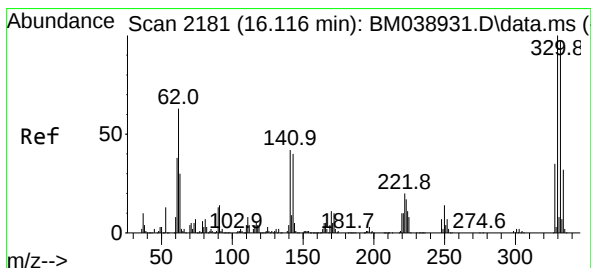
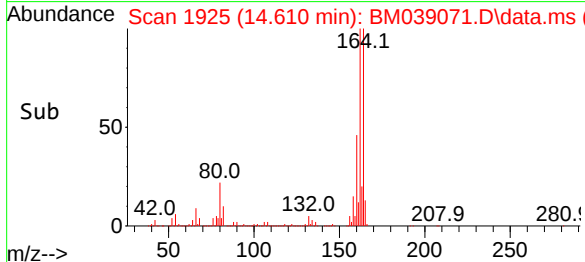
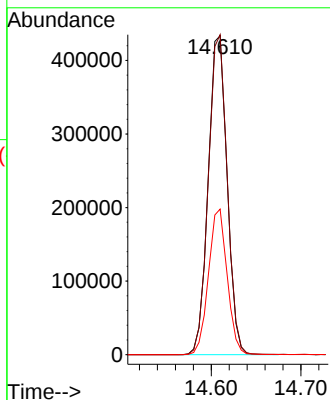
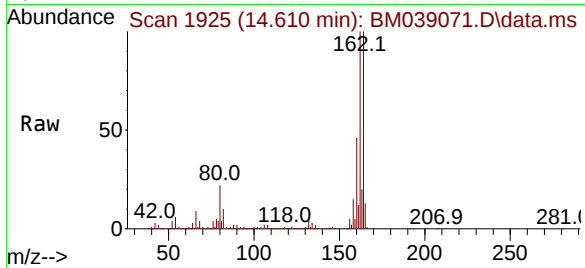




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

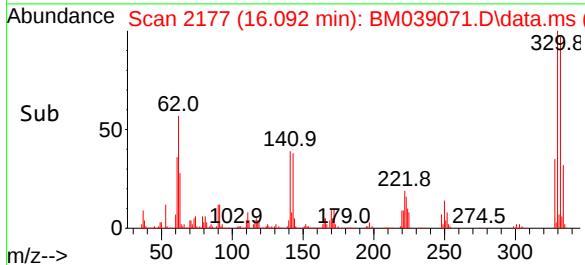
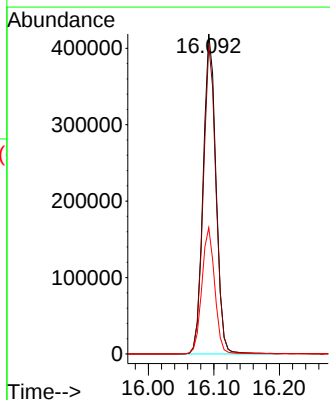
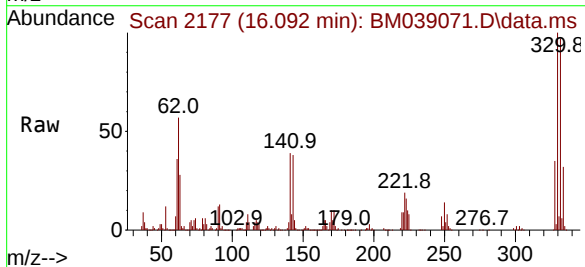
Instrument :
BNA_M
ClientSampleId :
SP-3

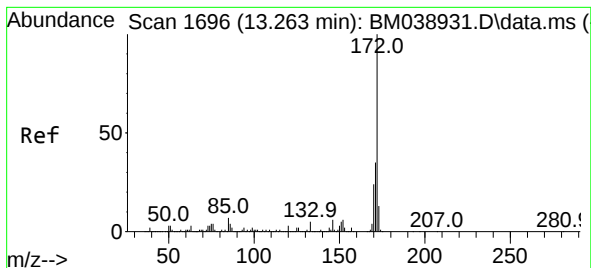
Tgt Ion:164 Resp: 634053
Ion Ratio Lower Upper
164 100
162 100.4 79.2 118.8
160 45.7 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 77.862 ng
RT: 16.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

Tgt Ion:330 Resp: 571116
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 39.8 32.2 48.4

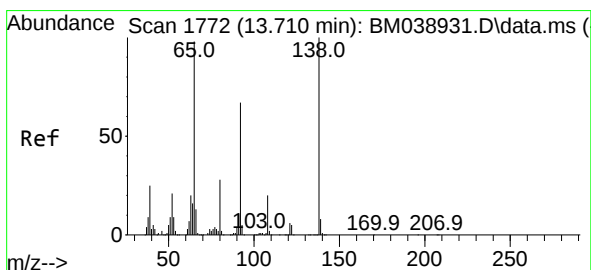
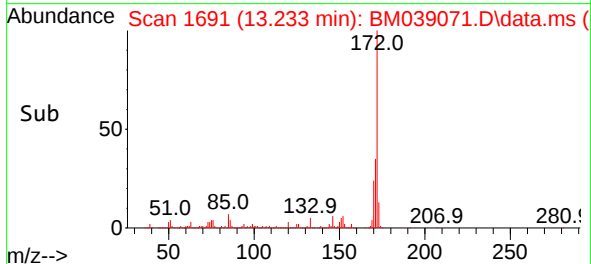
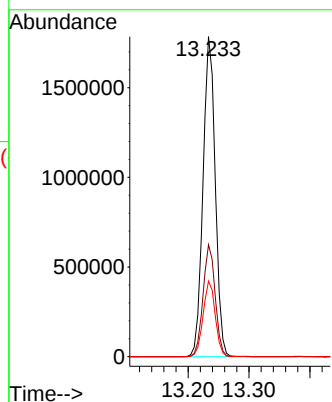
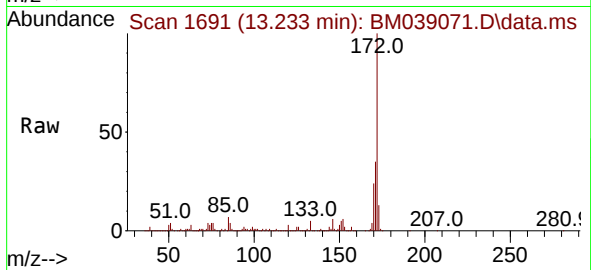




#45
2-Fluorobiphenyl
Concen: 51.082 ng
RT: 13.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

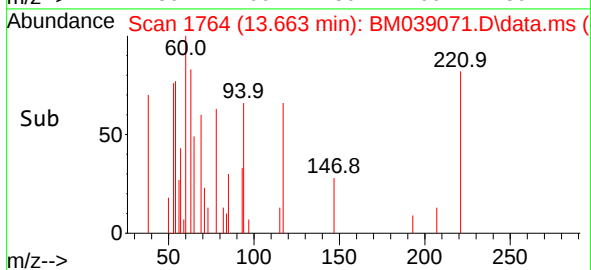
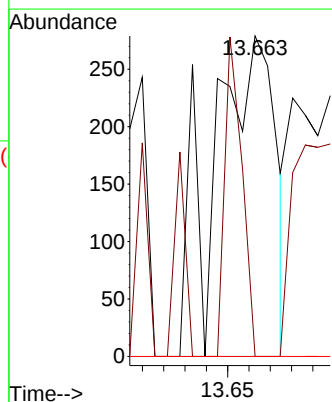
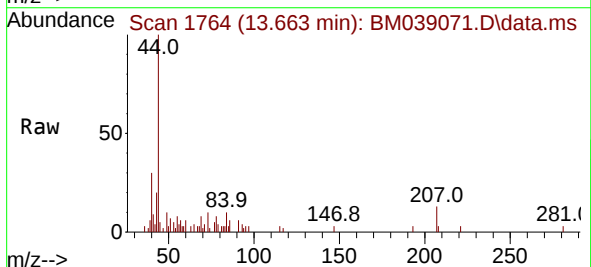
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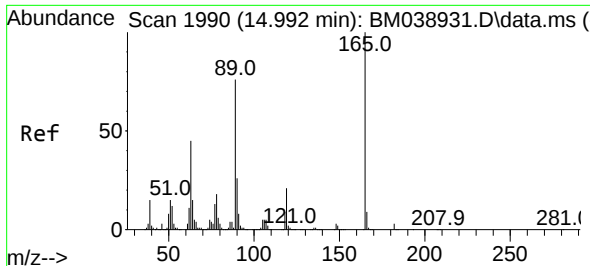
Tgt Ion:172 Resp: 2487980
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.6 19.1 28.7



#48
2-Nitroaniline
Concen: 2.257 ng
RT: 13.663 min Scan# 1764
Delta R.T. -0.029 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

Tgt Ion: 65 Resp: 571
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 81.6 122.4#

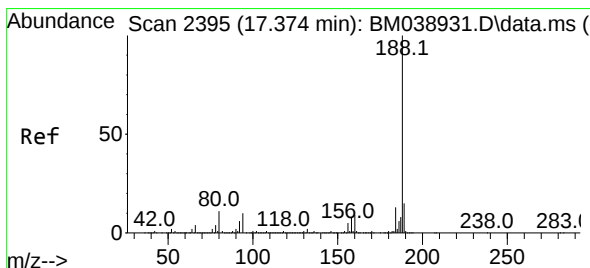
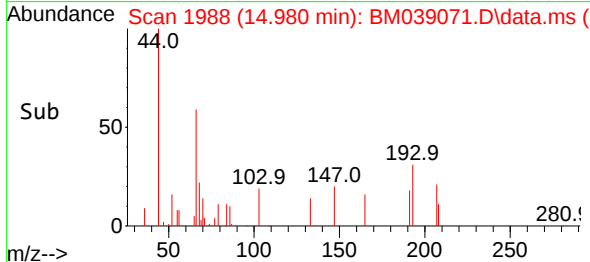
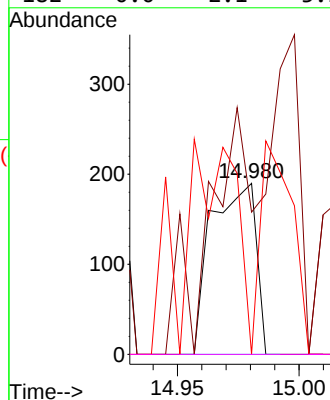
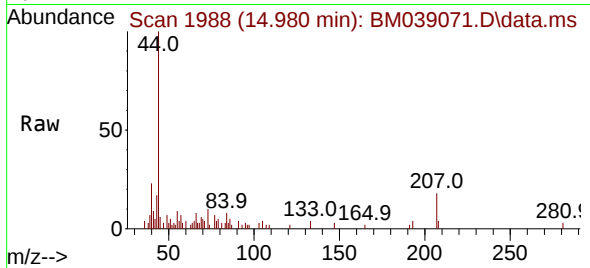




#57
2,4-Dinitrotoluene
Concen: 2.087 ng
RT: 14.980 min Scan# 1990
Delta R.T. 0.012 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

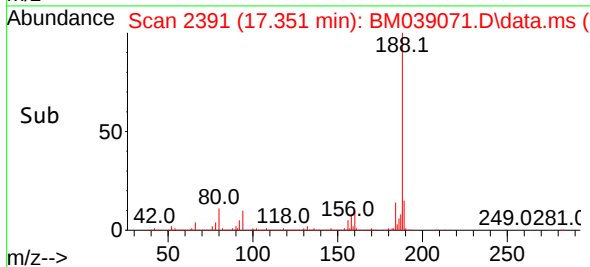
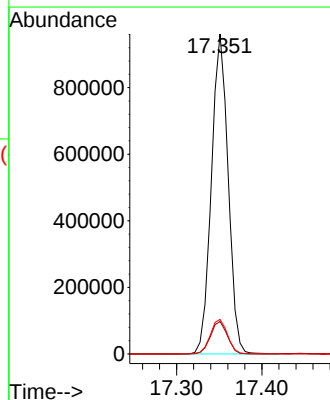
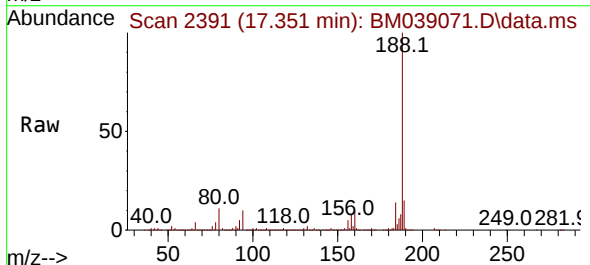
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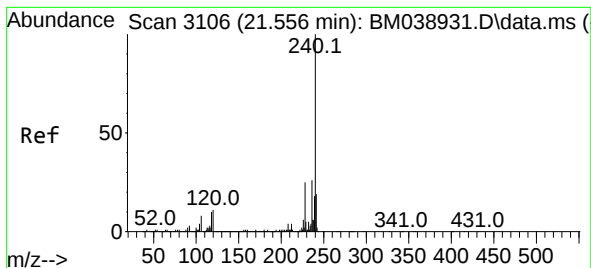
Tgt Ion:165 Resp: 240
Ion Ratio Lower Upper
165 100
63 83.2 35.9 53.9#
89 0.0 61.0 91.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

Tgt Ion:188 Resp: 1309443
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 10.8 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039071.D

Acq: 21 Mar 2023 16:24

Instrument :

BNA_M

ClientSampleId :

SP-3

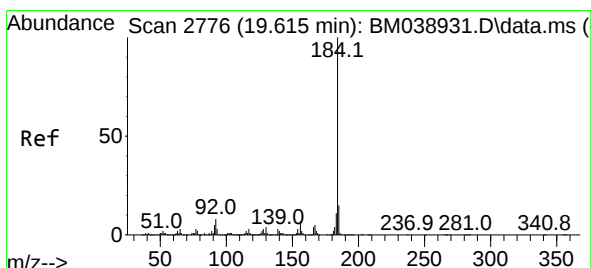
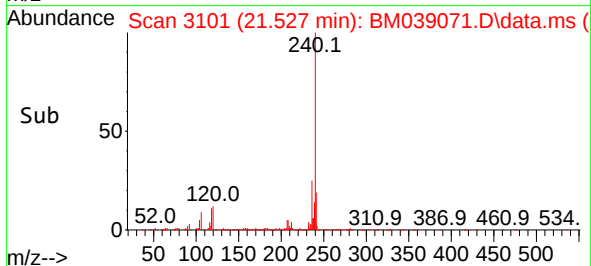
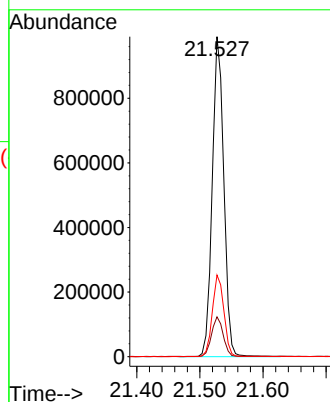
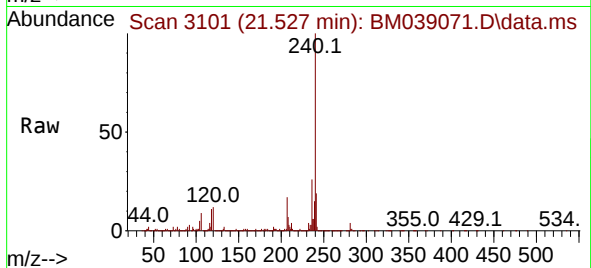
Tgt Ion:240 Resp: 1255206

Ion Ratio Lower Upper

240 100

120 12.5 9.2 13.8

236 25.5 20.8 31.2



#77

Benzidine

Concen: 4.881 ng

RT: 19.562 min Scan# 2767

Delta R.T. -0.029 min

Lab File: BM039071.D

Acq: 21 Mar 2023 16:24

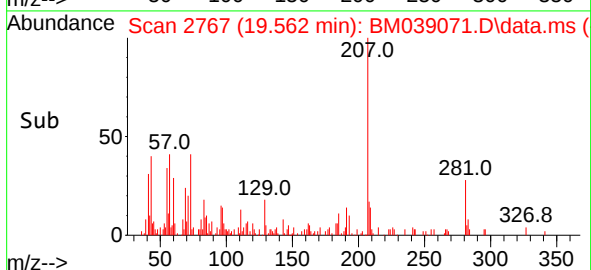
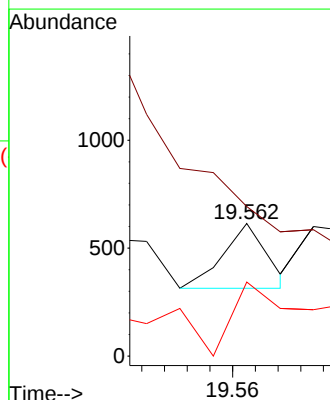
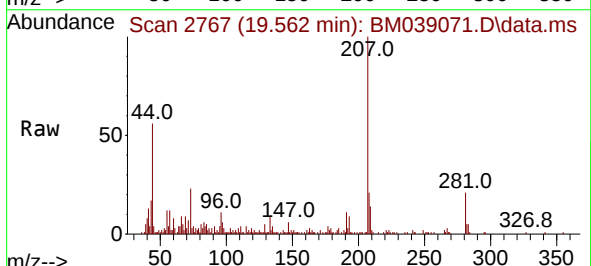
Tgt Ion:184 Resp: 163

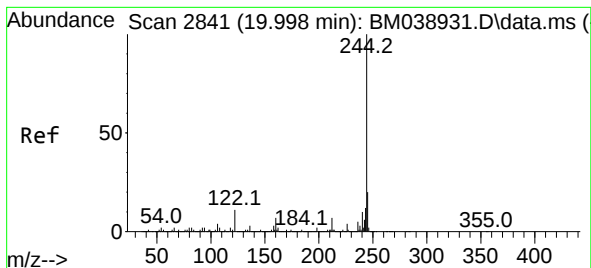
Ion Ratio Lower Upper

184 100

185 112.9 12.2 18.4#

183 55.9 8.8 13.2#





#79

Terphenyl-d14

Concen: 50.882 ng

RT: 19.968 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM039071.D

Acq: 21 Mar 2023 16:24

Instrument :

BNA_M

ClientSampleId :

SP-3

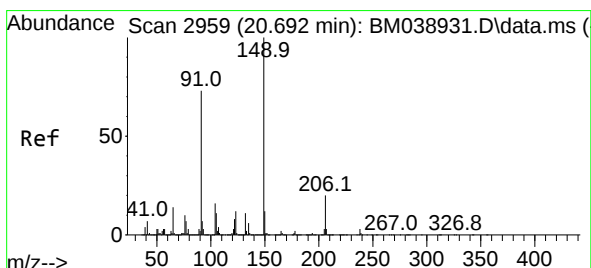
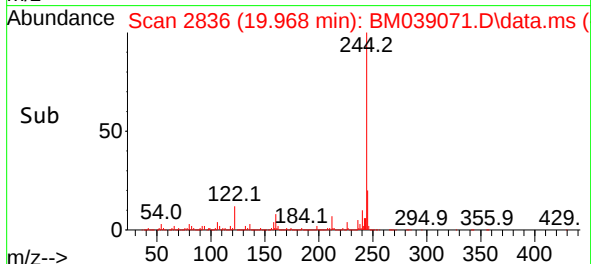
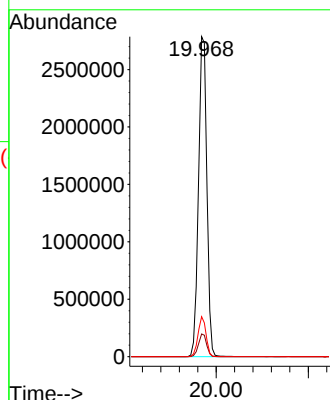
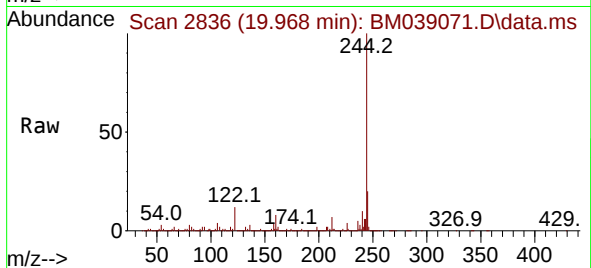
Tgt Ion:244 Resp: 3493229

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 12.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 3.330 ng

RT: 20.668 min Scan# 2955

Delta R.T. 0.006 min

Lab File: BM039071.D

Acq: 21 Mar 2023 16:24

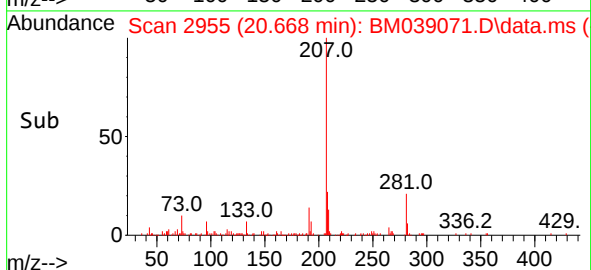
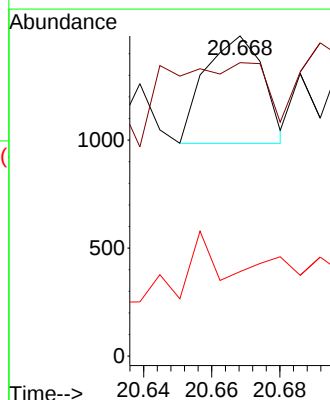
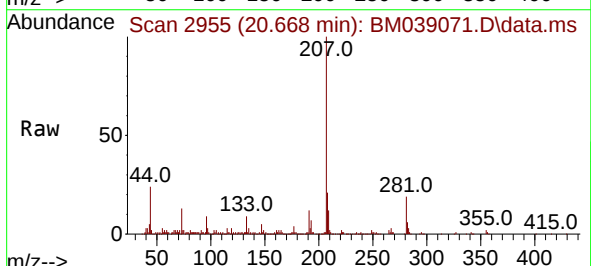
Tgt Ion:149 Resp: 590

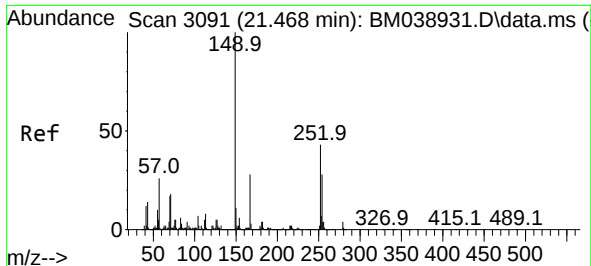
Ion Ratio Lower Upper

149 100

91 91.6 58.4 87.6#

206 26.4 16.1 24.1#

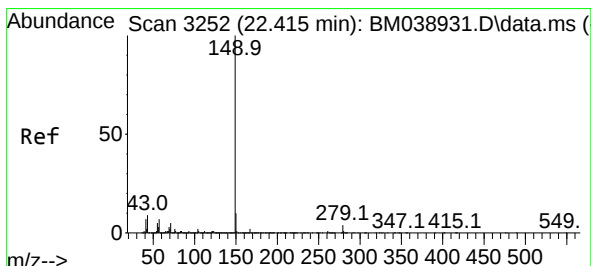
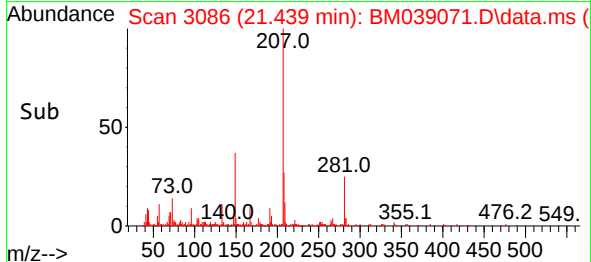
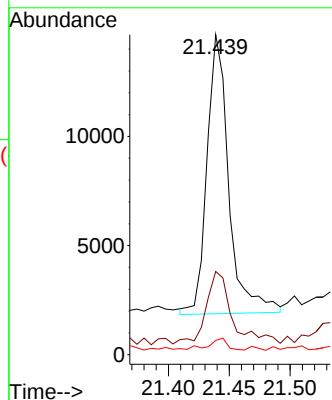
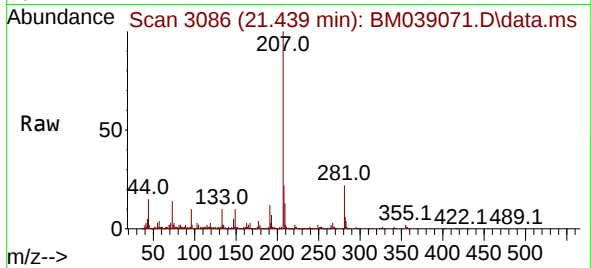




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.745 ng
 RT: 21.439 min Scan# 3091
 Delta R.T. 0.000 min
 Lab File: BM039071.D
 Acq: 21 Mar 2023 16:24

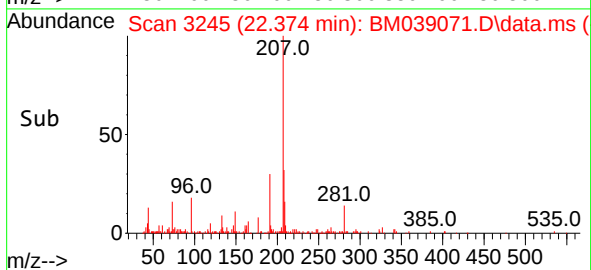
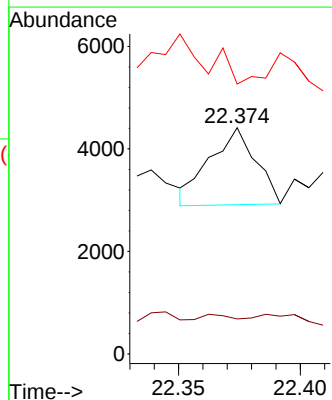
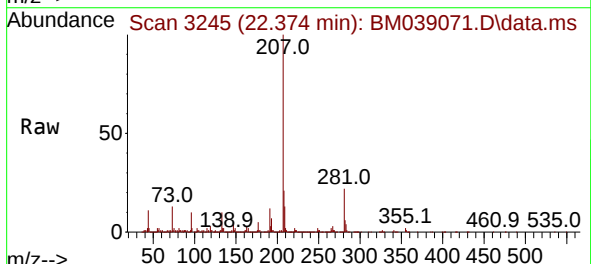
Instrument :
 BNA_M
 ClientSampleId :
 SP-3

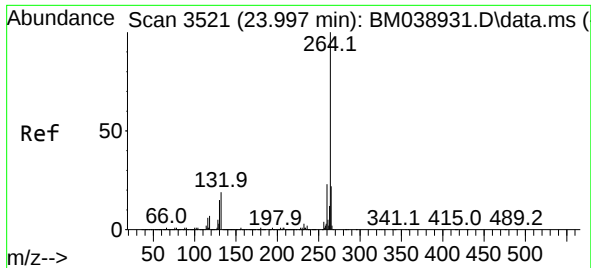
Tgt Ion:149 Resp: 15898
 Ion Ratio Lower Upper
 149 100
 167 26.0 22.3 33.5
 279 4.5 3.2 4.8



#85
 Di-n-octyl phthalate
 Concen: 3.815 ng
 RT: 22.374 min Scan# 3245
 Delta R.T. 0.000 min
 Lab File: BM039071.D
 Acq: 21 Mar 2023 16:24

Tgt Ion:149 Resp: 1978
 Ion Ratio Lower Upper
 149 100
 167 13.0 1.2 1.8#
 43 0.0 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

Instrument :
BNA_M
ClientSampleId :
SP-3

Tgt Ion:264 Resp: 1389948

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.5	17.9	26.9

