

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039183.D
 Acq On : 28 Mar 2023 17:19
 Operator : CG/JU
 Sample : 02111-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 APCS-BOTH

Quant Time: Mar 29 01:30:28 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 29 01:28:31 2023
 Response via : Initial Calibration

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

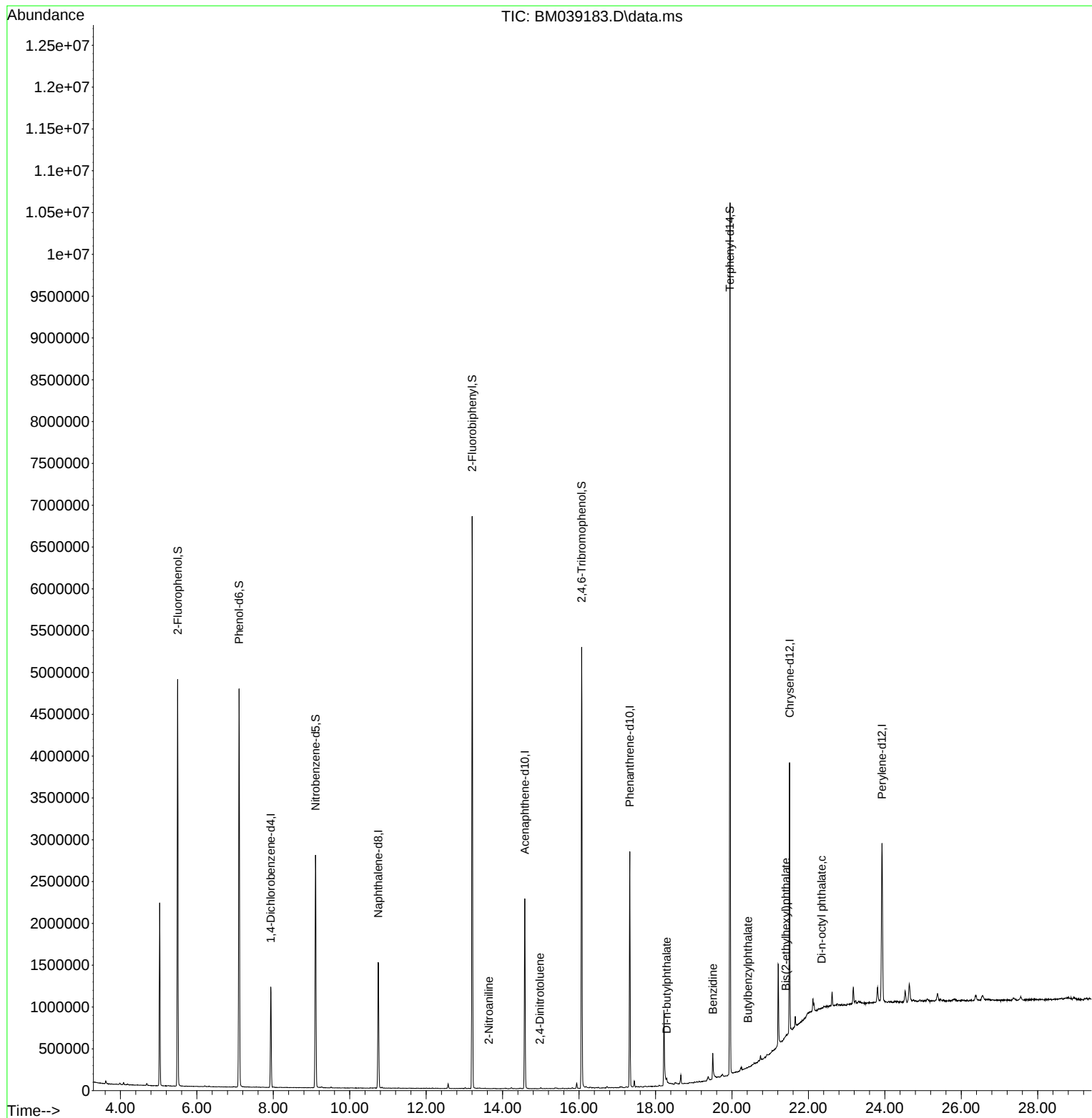
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	315390	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	1247373	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	753412	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1579970	20.000	ng	0.00
76) Chrysene-d12	21.509	240	1399406	20.000	ng	0.00
86) Perylene-d12	23.927	264	1384581	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	2096837	101.008	ng	0.00
7) Phenol-d6	7.104	99	2716334	100.740	ng	0.00
23) Nitrobenzene-d5	9.104	82	1606753	63.273	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	911715	104.605	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	3360566	58.066	ng	0.00
79) Terphenyl-d14	19.950	244	4832257	63.134	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.639	65	149	2.225	ng	# 6
57) 2,4-Dinitrotoluene	14.974	165	178	2.081	ng	# 20
74) Di-n-butylphthalate	18.292	149	27299	2.054	ng	99
77) Benzidine	19.503	184	60	4.878	ng	# 1
80) Butylbenzylphthalate	20.421	149	331	3.323	ng	94
84) Bis(2-ethylhexyl)phtha...	21.415	149	6149	2.575	ng	# 98
85) Di-n-octyl phthalate	22.350	149	594	3.802	ng	# 1

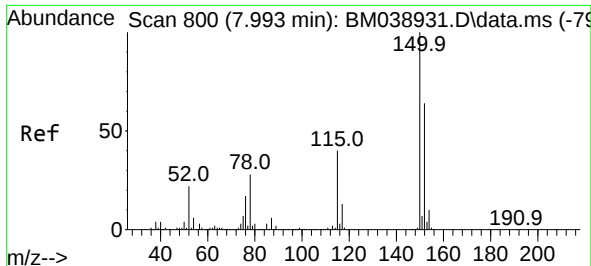
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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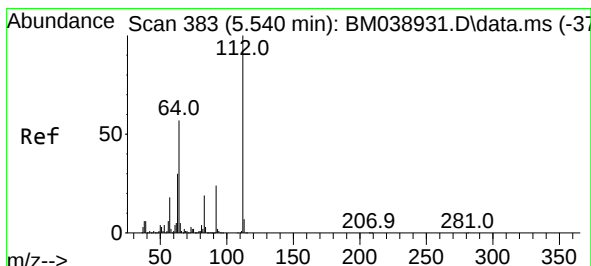
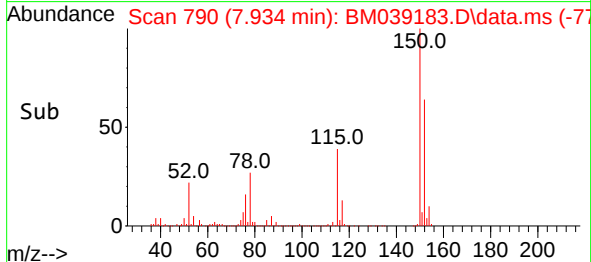
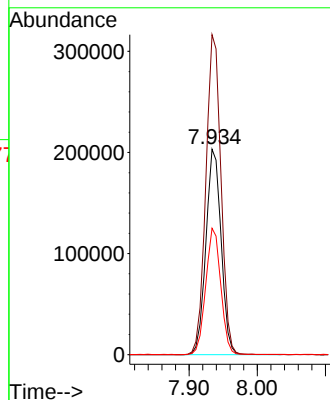
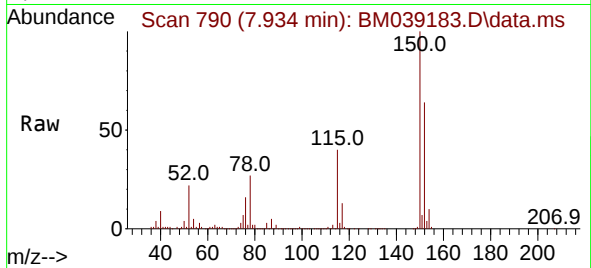




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 71
Delta R.T. -0.005 min
Lab File: BM039183.D
Acq: 28 Mar 2023 17:19

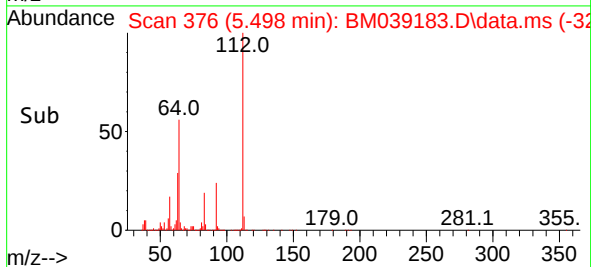
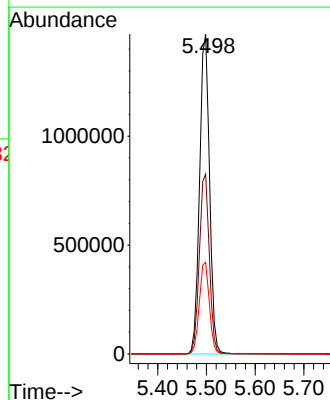
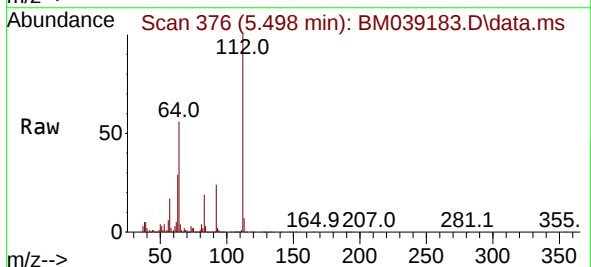
Instrument :
BNA_M
ClientSampleId :
APCS-BOTH

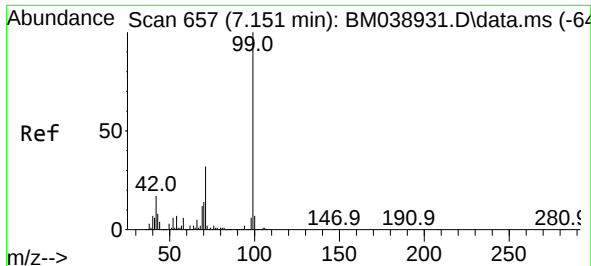
Tgt Ion:152 Resp: 315390
Ion Ratio Lower Upper
152 100
150 155.8 125.1 187.7
115 61.6 49.6 74.4



#5
2-Fluorophenol
Concen: 101.008 ng
RT: 5.498 min Scan# 376
Delta R.T. -0.000 min
Lab File: BM039183.D
Acq: 28 Mar 2023 17:19

Tgt Ion:112 Resp: 2096837
Ion Ratio Lower Upper
112 100
64 56.3 45.9 68.9
63 28.6 23.8 35.8



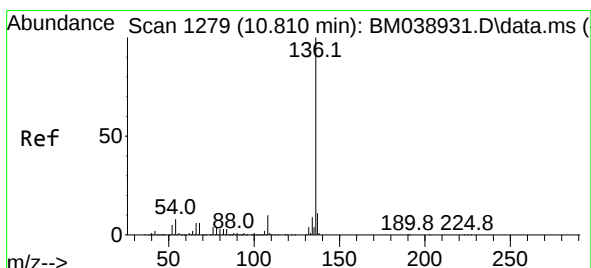
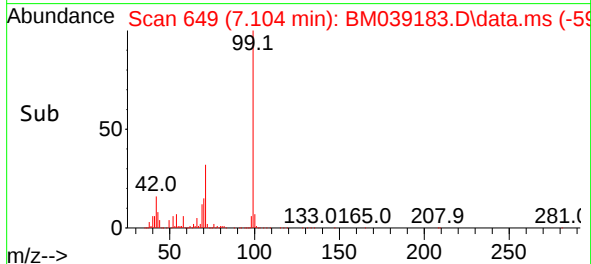
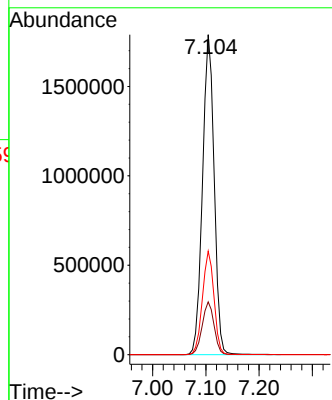
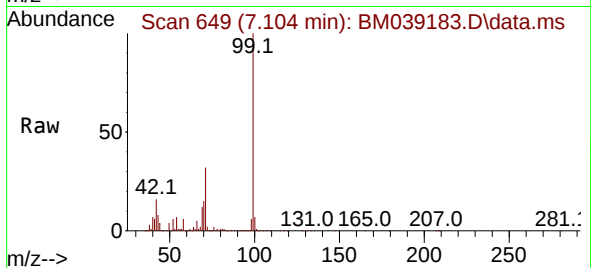


#7
Phenol-d6
Concen: 100.740 ng
RT: 7.104 min Scan# 649
Delta R.T. -0.006 min
Lab File: BM039183.D
Acq: 28 Mar 2023 17:19

Instrument :
BNA_M
ClientSampleId :
APCS-BOTH

Tgt Ion: 99 Resp: 2716334

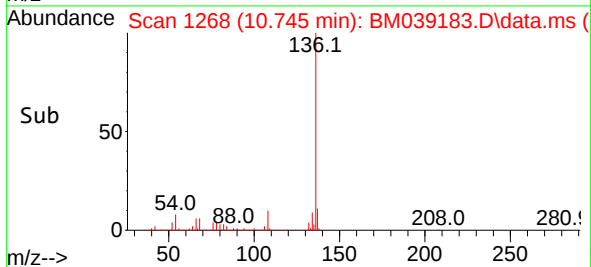
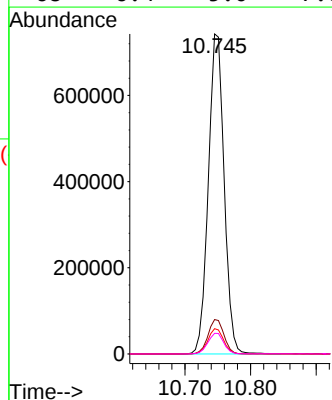
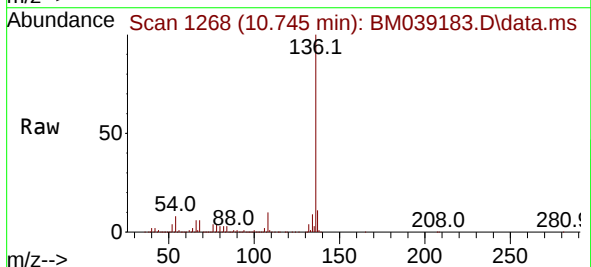
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	32.3	25.6	38.4

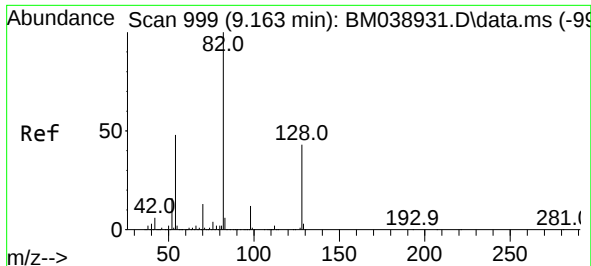


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BM039183.D
Acq: 28 Mar 2023 17:19

Tgt Ion: 136 Resp: 1247373

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.9	6.3	9.5
68	6.4	5.0	7.6

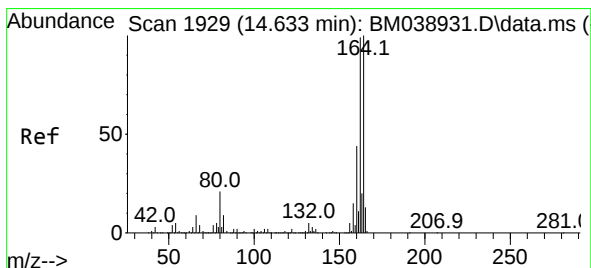
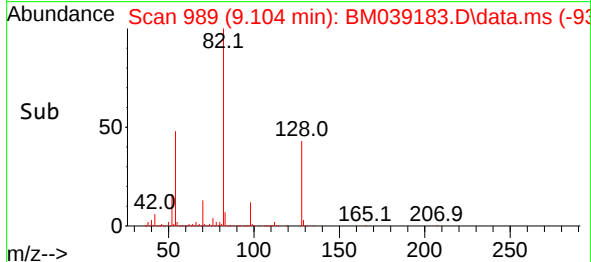
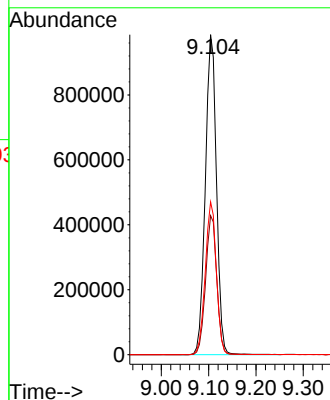
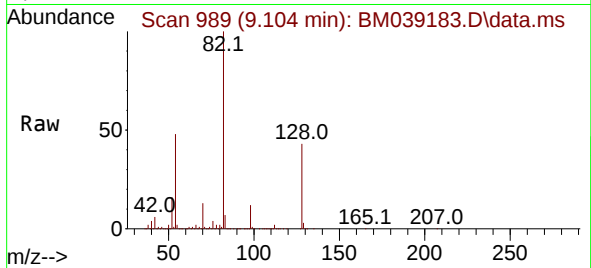




#23
 Nitrobenzene-d5
 Concen: 63.273 ng
 RT: 9.104 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BM039183.D
 Acq: 28 Mar 2023 17:19

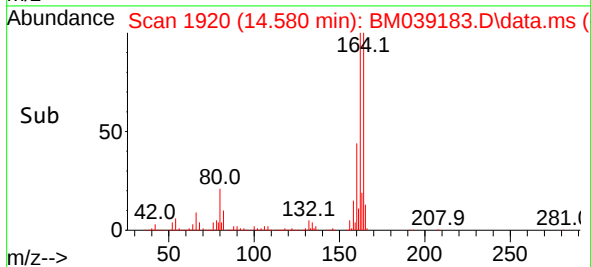
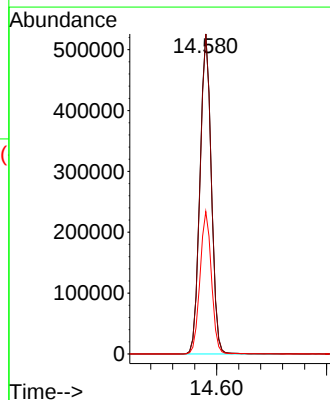
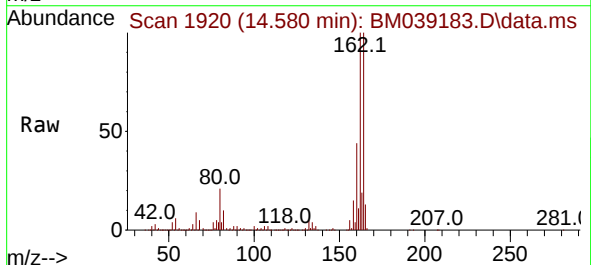
Instrument :
 BNA_M
 ClientSampleId :
 APCS-BOTH

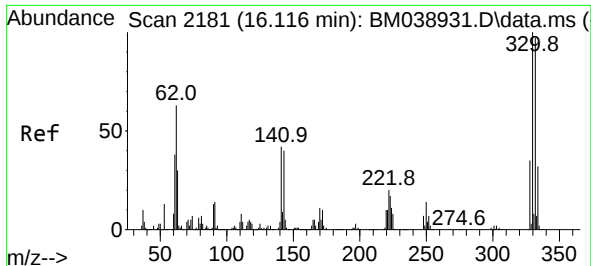
Tgt Ion: 82 Resp: 1606753
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.4 51.6
 54 47.8 38.8 58.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.580 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BM039183.D
 Acq: 28 Mar 2023 17:19

Tgt Ion: 164 Resp: 753412
 Ion Ratio Lower Upper
 164 100
 162 100.0 79.2 118.8
 160 44.5 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 104.605 ng

RT: 16.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039183.D

Acq: 28 Mar 2023 17:19

Instrument :

BNA_M

ClientSampleId :

APCS-BOTH

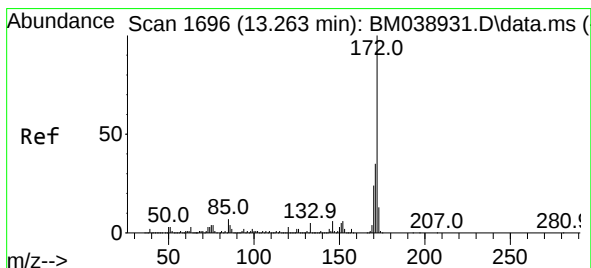
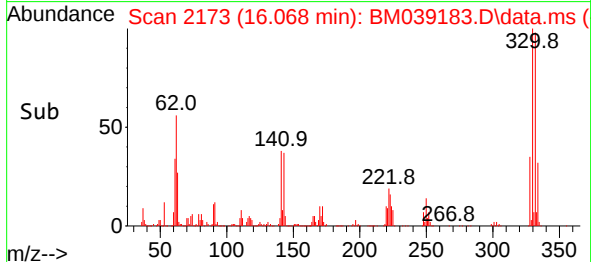
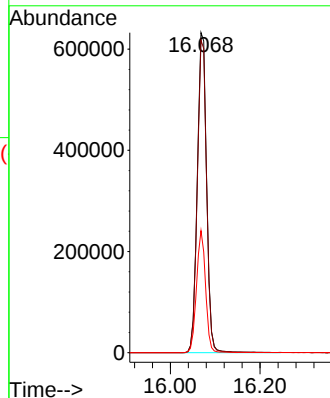
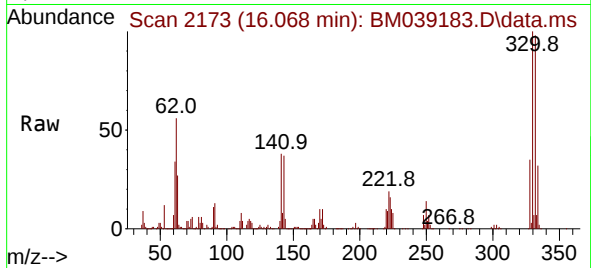
Tgt Ion:330 Resp: 911715

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.0

141 37.0 32.2 48.4



#45

2-Fluorobiphenyl

Concen: 58.066 ng

RT: 13.204 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BM039183.D

Acq: 28 Mar 2023 17:19

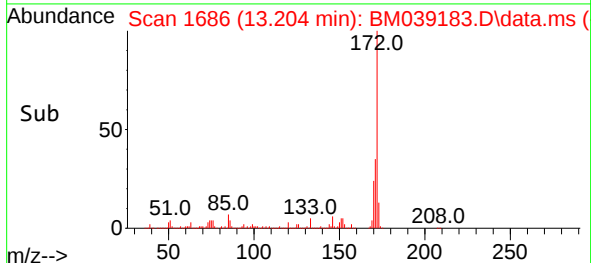
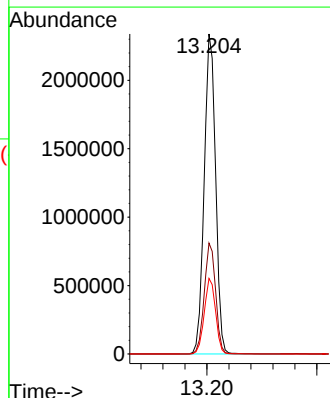
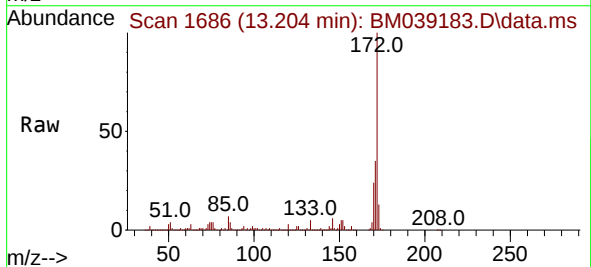
Tgt Ion:172 Resp: 3360566

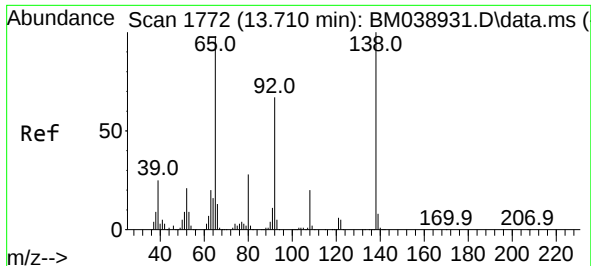
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 23.6 19.1 28.7

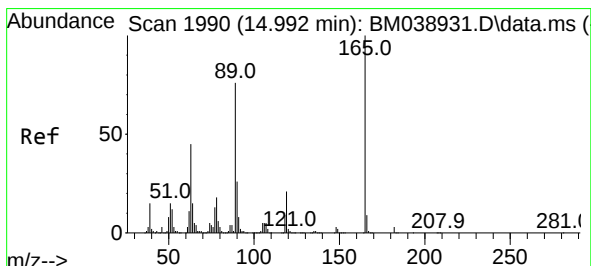
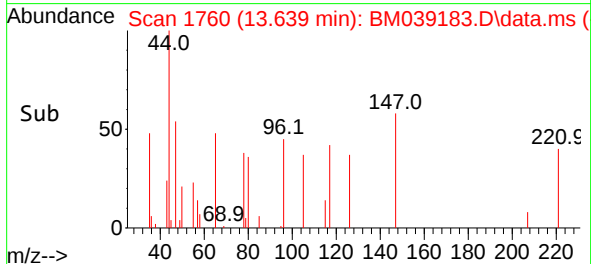
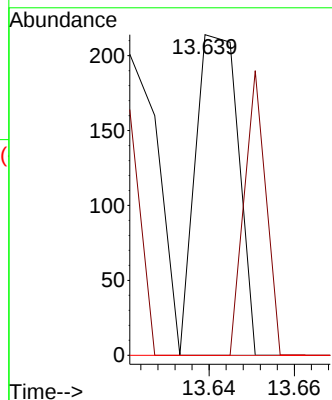
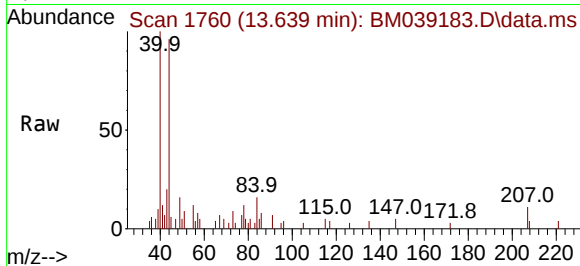




#48
2-Nitroaniline
Concen: 2.225 ng
RT: 13.639 min Scan# 1
Delta R.T. -0.029 min
Lab File: BM039183.D
Acq: 28 Mar 2023 17:19

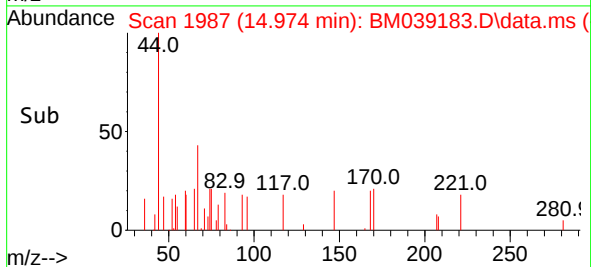
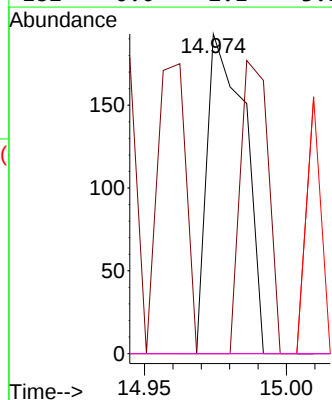
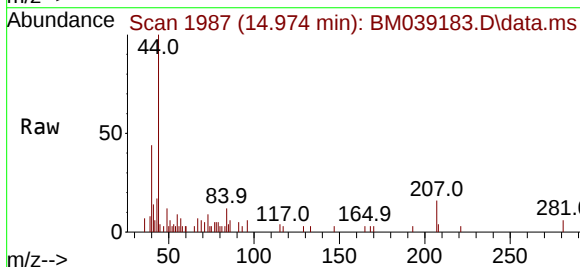
Instrument :
BNA_M
ClientSampleId :
APCS-BOTH

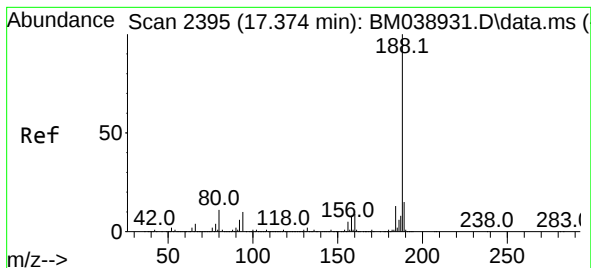
Tgt Ion: 65 Resp: 149
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 81.6 122.4#



#57
2,4-Dinitrotoluene
Concen: 2.081 ng
RT: 14.974 min Scan# 1987
Delta R.T. 0.023 min
Lab File: BM039183.D
Acq: 28 Mar 2023 17:19

Tgt Ion: 165 Resp: 178
Ion Ratio Lower Upper
165 100
63 0.0 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: 17.327 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039183.D

Acq: 28 Mar 2023 17:19

Instrument :

BNA_M

ClientSampleId :

APCS-BOTH

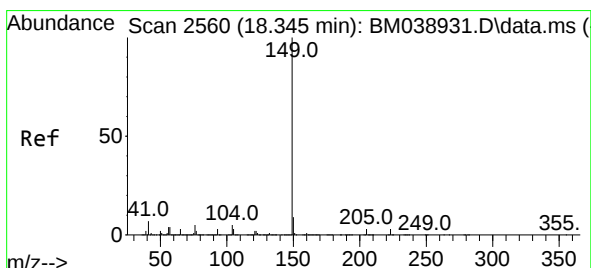
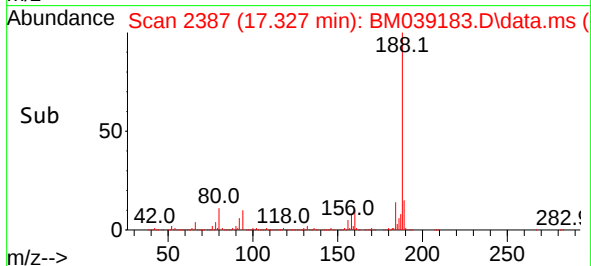
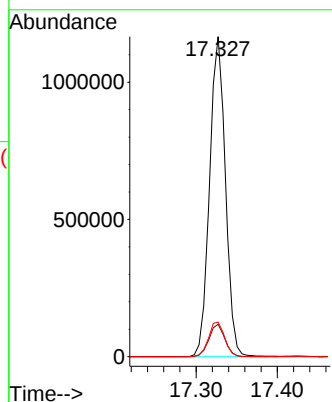
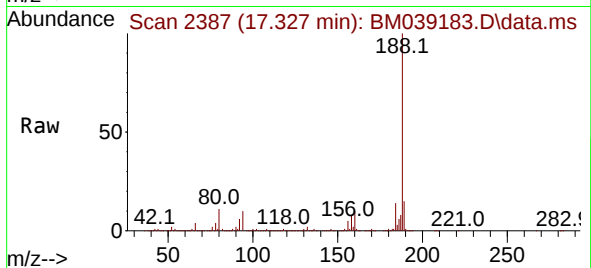
Tgt Ion:188 Resp: 1579970

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 10.8 8.5 12.7



#74

Di-n-butylphthalate

Concen: 2.054 ng

RT: 18.292 min Scan# 2551

Delta R.T. -0.006 min

Lab File: BM039183.D

Acq: 28 Mar 2023 17:19

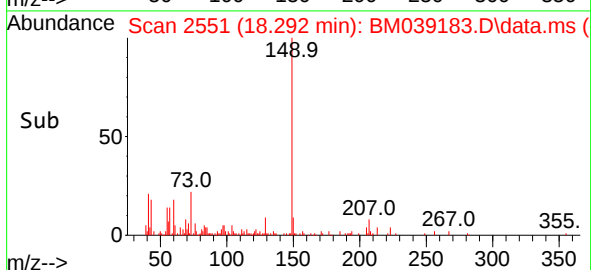
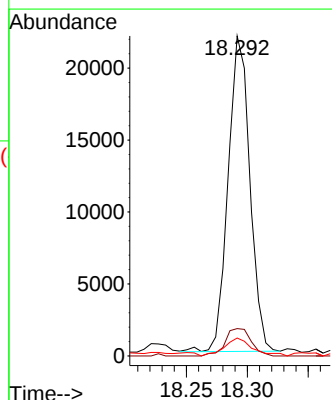
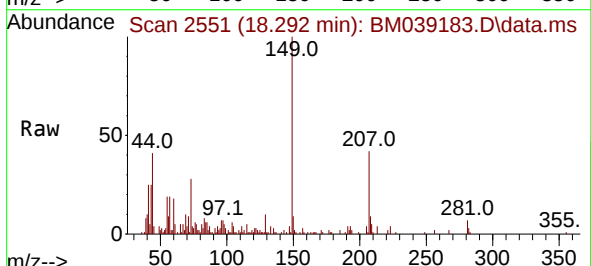
Tgt Ion:149 Resp: 27299

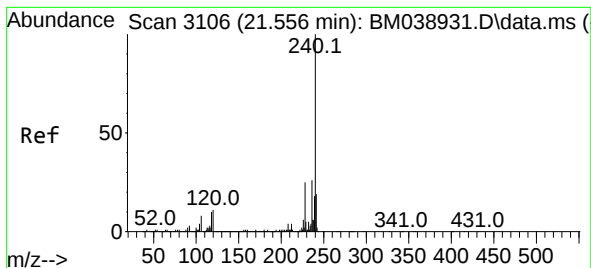
Ion Ratio Lower Upper

149 100

150 8.6 7.4 11.2

104 5.6 4.3 6.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 30

Delta R.T. -0.000 min

Lab File: BM039183.D

Acq: 28 Mar 2023 17:19

Instrument :

BNA_M

ClientSampleId :

APCS-BOTH

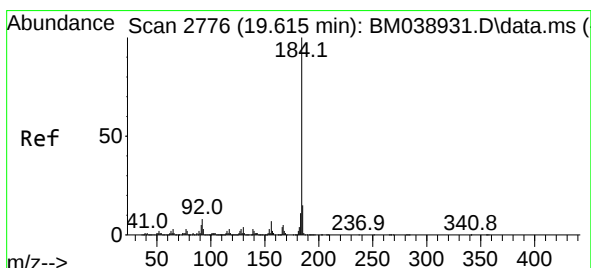
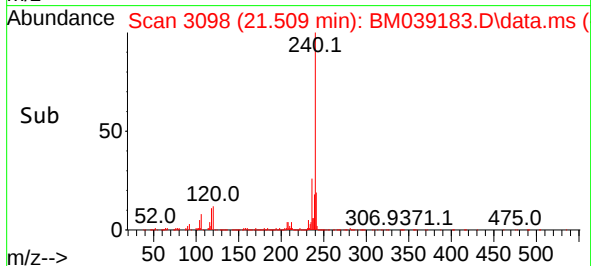
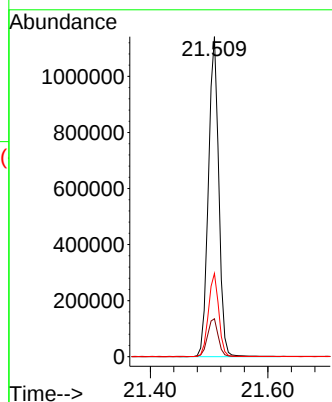
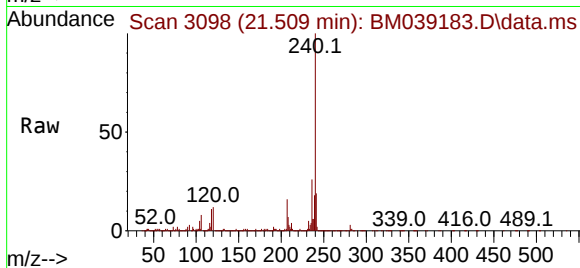
Tgt Ion:240 Resp: 1399406

Ion Ratio Lower Upper

240 100

120 11.8 9.2 13.8

236 26.0 20.8 31.2



#77

Benzidine

Concen: 4.878 ng

RT: 19.503 min Scan# 2757

Delta R.T. -0.071 min

Lab File: BM039183.D

Acq: 28 Mar 2023 17:19

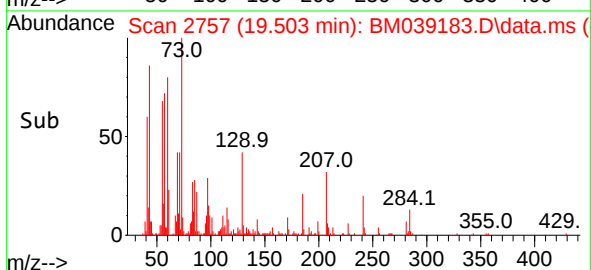
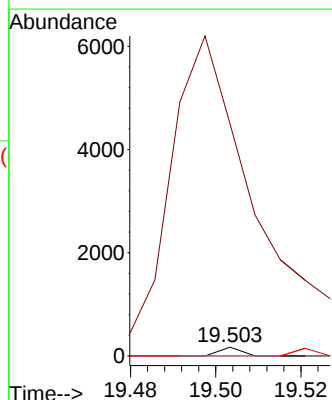
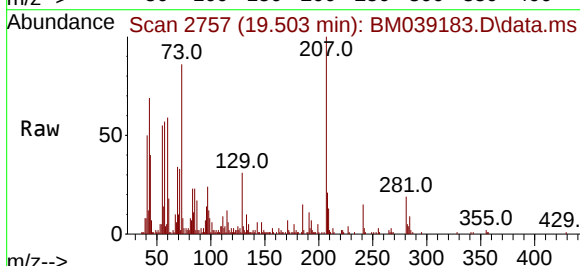
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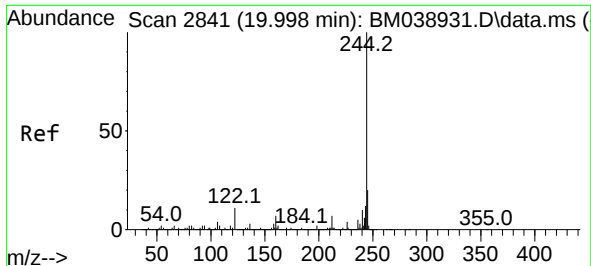
Ion Ratio Lower Upper

184 100

185 2628.1 12.2 18.4#

183 0.0 8.8 13.2#

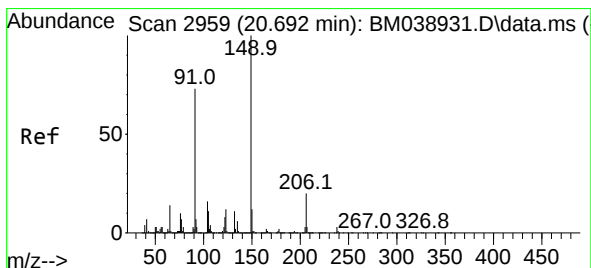
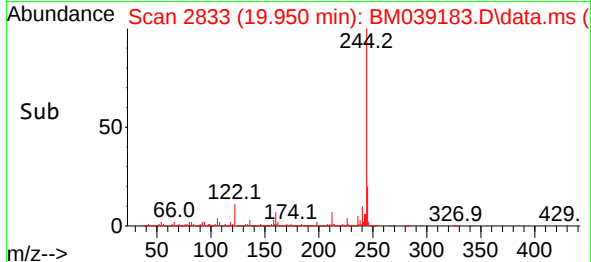
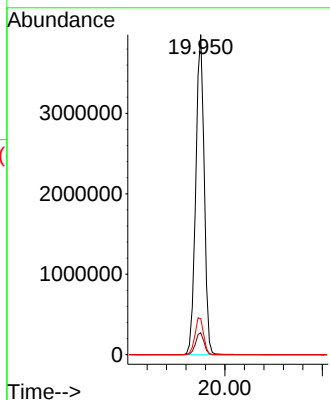
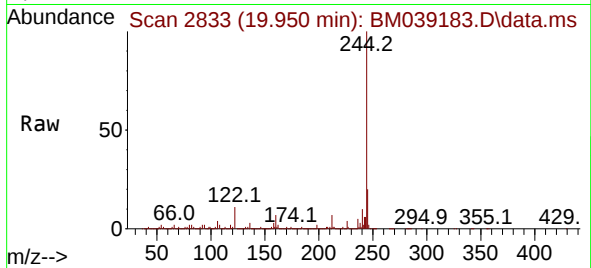




#79
 Terphenyl-d14
 Concen: 63.134 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039183.D
 Acq: 28 Mar 2023 17:19

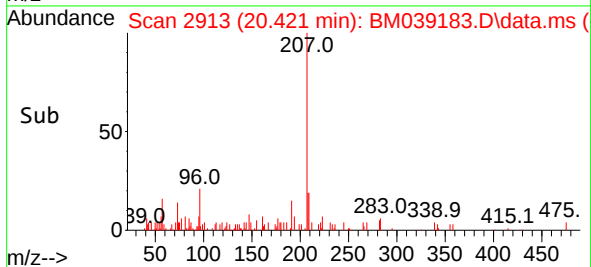
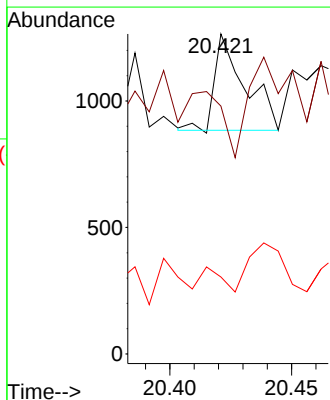
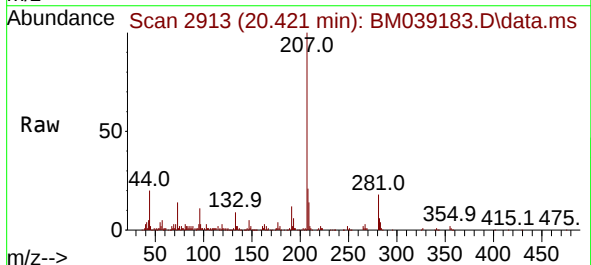
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 ClientSampleId :
 APCS-BOTH

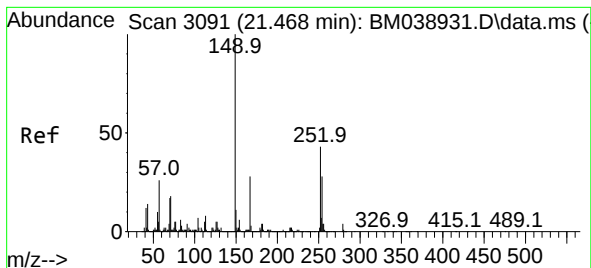
Tgt Ion:244 Resp: 4832257
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.2 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.323 ng
 RT: 20.421 min Scan# 2913
 Delta R.T. -0.224 min
 Lab File: BM039183.D
 Acq: 28 Mar 2023 17:19

Tgt Ion:149 Resp: 331
 Ion Ratio Lower Upper
 149 100
 91 77.5 58.4 87.6
 206 24.0 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.575 ng

RT: 21.415 min Scan# 3091

Delta R.T. -0.000 min

Lab File: BM039183.D

Acq: 28 Mar 2023 17:19

Instrument :

BNA_M

ClientSampleId :

APCS-BOTH

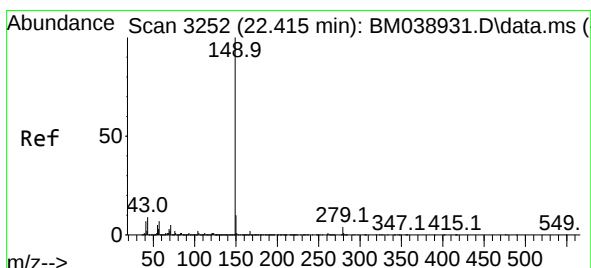
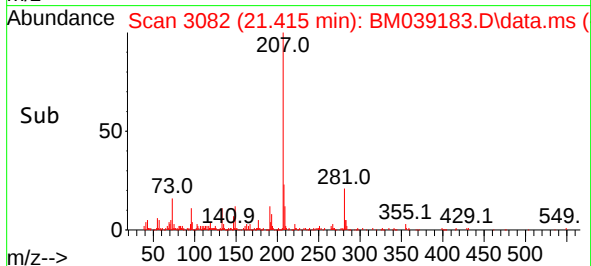
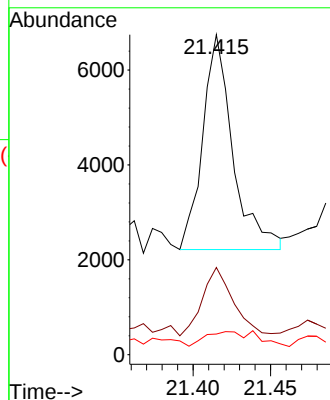
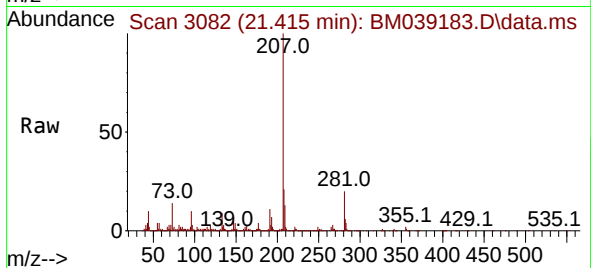
Tgt Ion:149 Resp: 6149

Ion Ratio Lower Upper

149 100

167 27.3 22.3 33.5

279 6.4 3.2 4.8#



#85

Di-n-octyl phthalate

Concen: 3.802 ng

RT: 22.350 min Scan# 3241

Delta R.T. 0.006 min

Lab File: BM039183.D

Acq: 28 Mar 2023 17:19

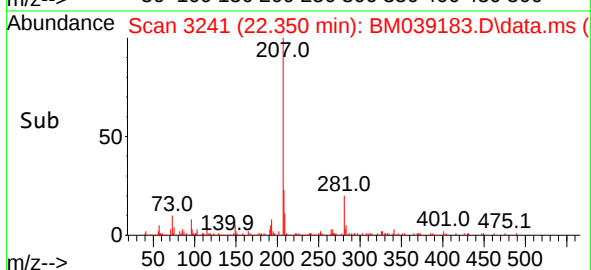
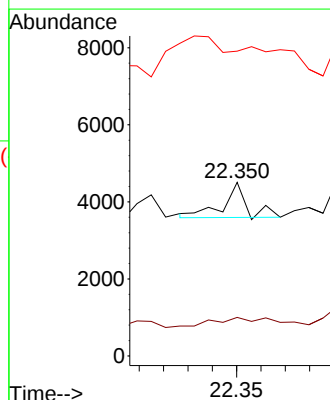
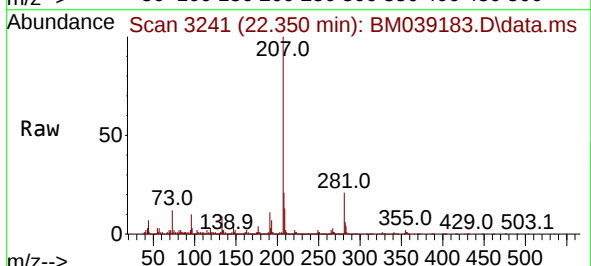
Tgt Ion:149 Resp: 594

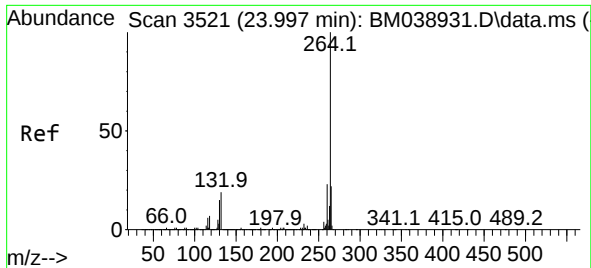
Ion Ratio Lower Upper

149 100

167 62.1 1.2 1.8#

43 293.8 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039183.D
Acq: 28 Mar 2023 17:19

Instrument :
BNA_M
ClientSampleId :
APCS-BOTH

Tgt Ion:264 Resp: 1384581

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.6	17.9	26.9

