

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
 Data File : BF134676.D
 Acq On : 08 Aug 2023 17:33
 Operator : CG\JU
 Sample : 03919-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-38

Quant Time: Aug 09 02:19:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

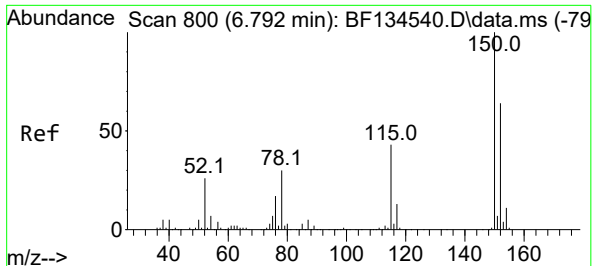
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	193442	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	686983	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	290824	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	502863	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	373170	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	290620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1084844	85.249	ng	0.00
7) Phenol-d6	6.439	99	1310902	80.585	ng	0.00
23) Nitrobenzene-d5	7.363	82	751875	68.396	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	268176	90.457	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1267789	72.482	ng	0.00
79) Terphenyl-d14	12.921	244	1382986	65.333	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.357	77	115	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	7.363	70	100991	10.369	ng	# 71
25) Isophorone	7.363	82	747599	31.180	ng	# 65
26) 2-Nitrophenol	7.933	139	54	4.802	ng	# 1
32) Benzoic acid	7.863	122	146	7.885	ng	# 45
48) 2-Nitroaniline	9.375	65	296	3.218	ng	# 34
50) Dimethylphthalate	9.833	163	62535	3.155	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	38573	11.499	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	38573	10.247	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	548	8.920	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	16803	3.052	ng	# 1

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

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QLast Update : Fri Aug 04 09:29:15 2023
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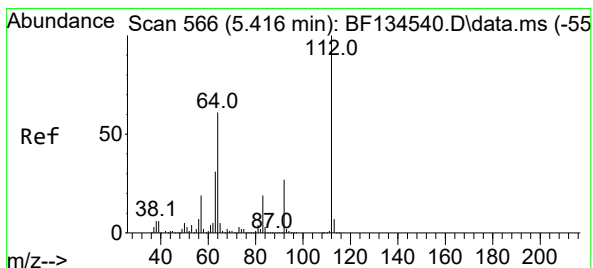
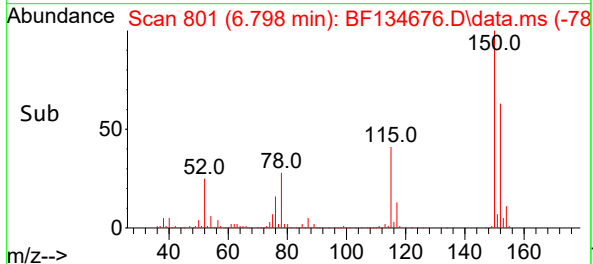
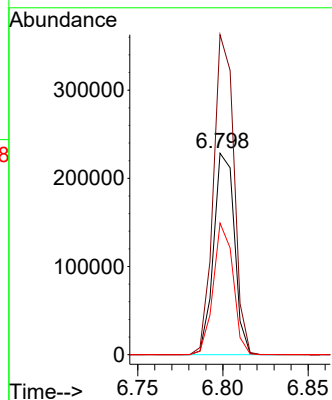
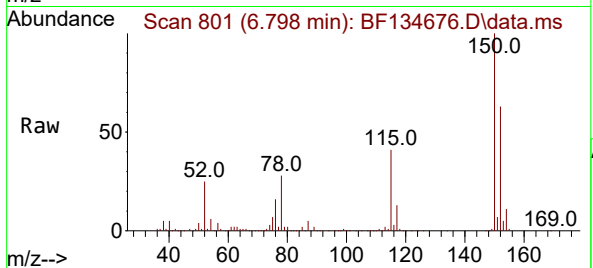




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134676.D
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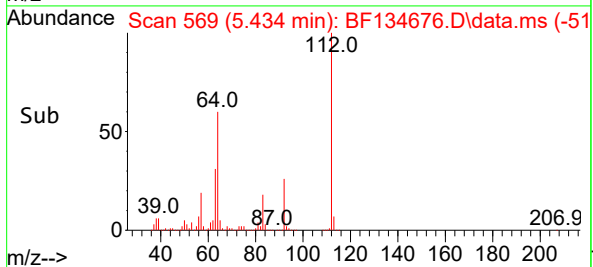
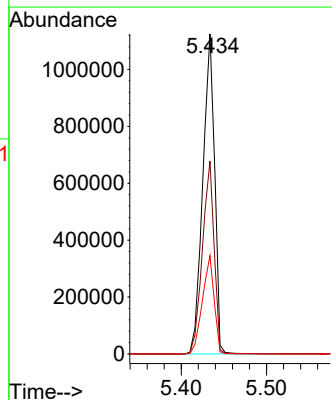
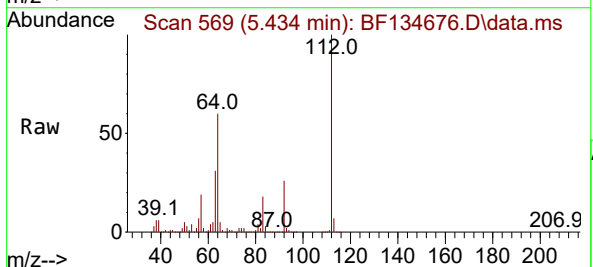
Instrument :
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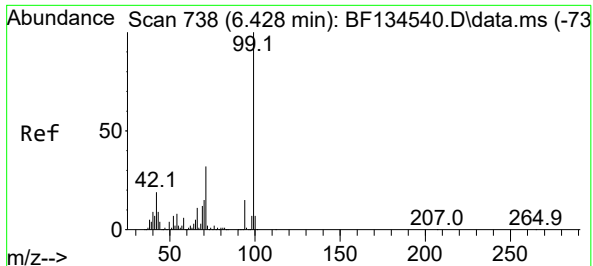
Tgt Ion:152 Resp: 193442
Ion Ratio Lower Upper
152 100
150 158.9 128.3 192.5
115 65.3 52.4 78.6



#5
2-Fluorophenol
Concen: 85.249 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

Tgt Ion:112 Resp: 1084844
Ion Ratio Lower Upper
112 100
64 60.2 44.9 67.3
63 30.7 25.4 38.0

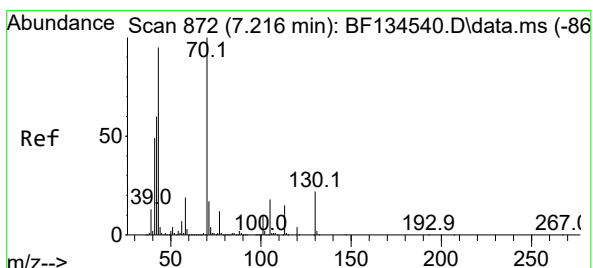
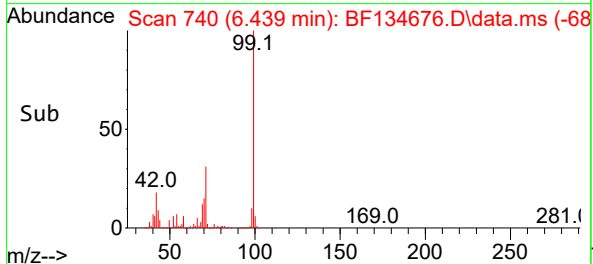
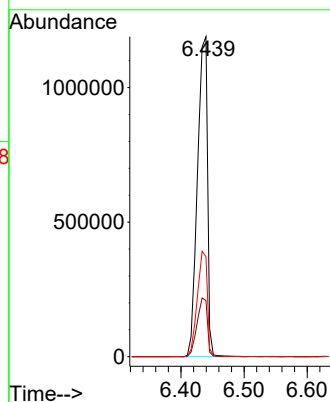
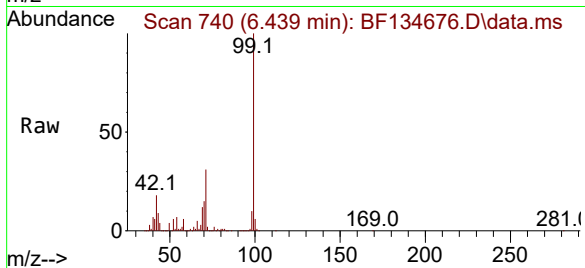




#7
Phenol-d6
Concen: 80.585 ng
RT: 6.439 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

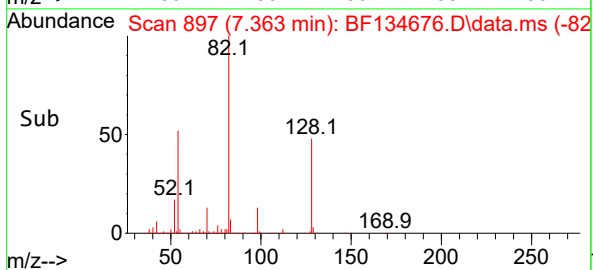
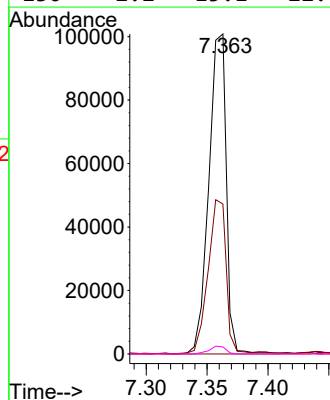
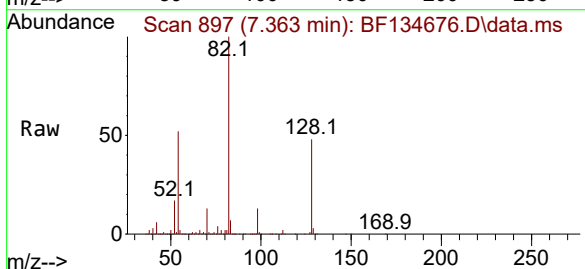
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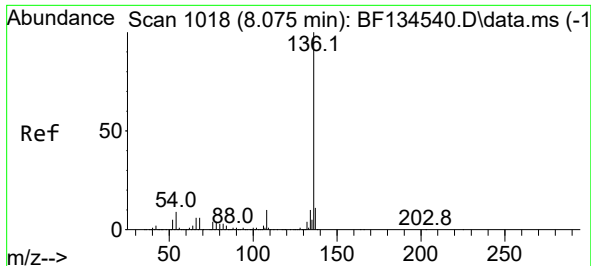
Tgt Ion: 99 Resp: 1310902
Ion Ratio Lower Upper
99 100
42 17.6 18.7 28.1#
71 31.3 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.369 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134676.D
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Tgt Ion: 70 Resp: 100991
Ion Ratio Lower Upper
70 100
42 46.9 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#

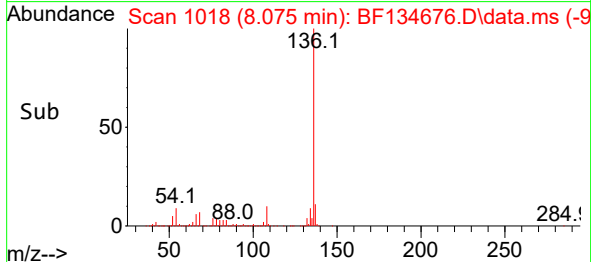
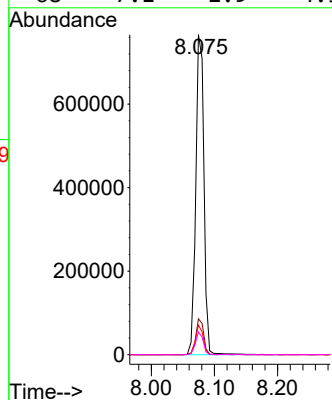
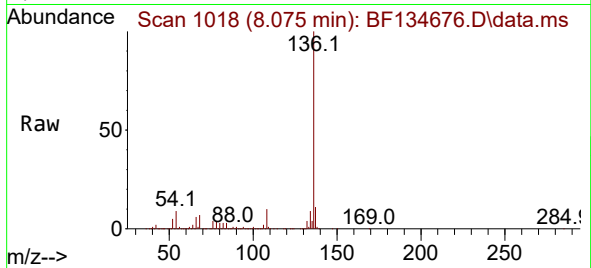




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

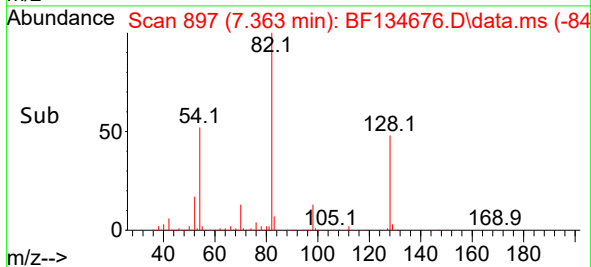
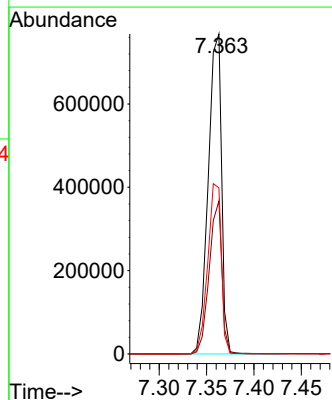
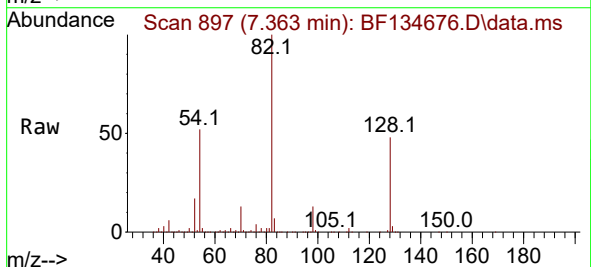
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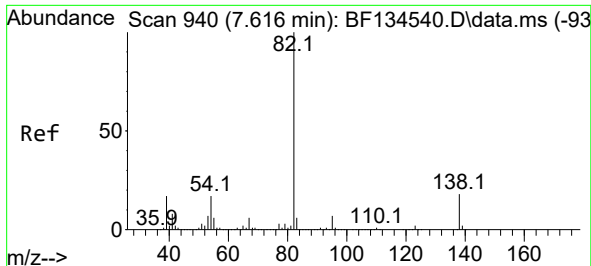
Tgt Ion:136 Resp: 686983
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.2 5.2 7.8#
68 7.1 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 68.396 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

Tgt Ion: 82 Resp: 751875
Ion Ratio Lower Upper
82 100
128 47.8 34.3 51.5
54 51.9 43.8 65.6

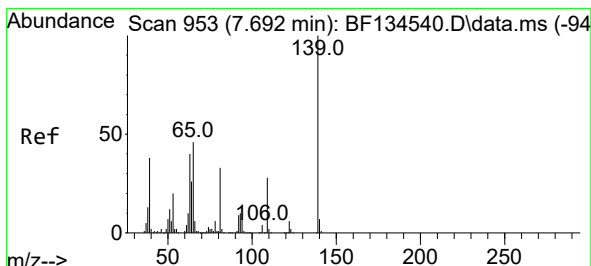
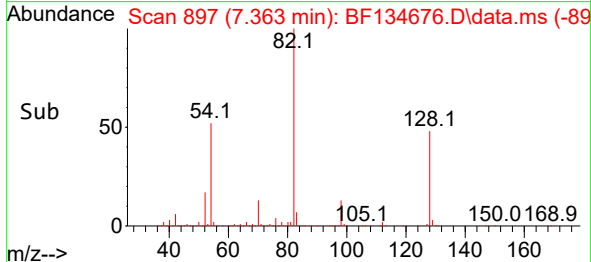
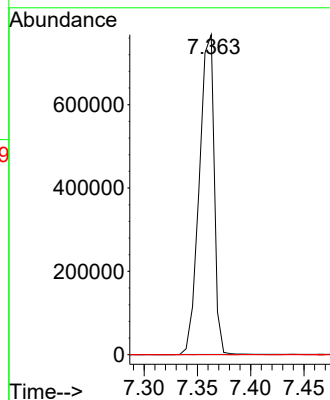
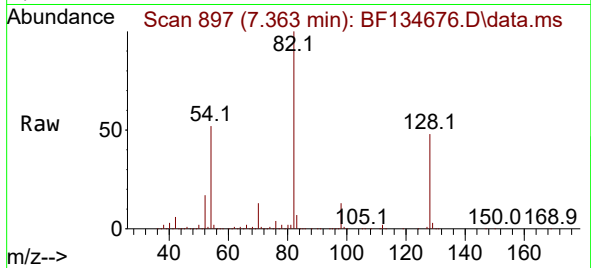




#25
Isophorone
Concen: 31.180 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

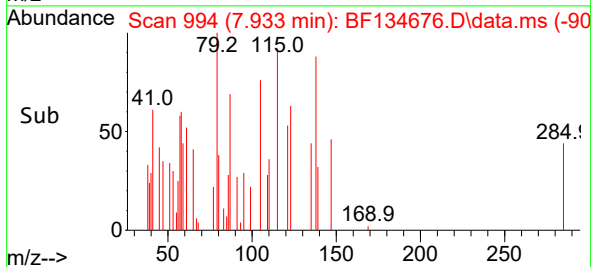
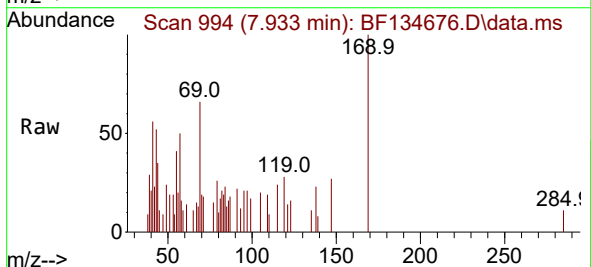
Instrument :
BNA_F
ClientSampleId :
TP-38

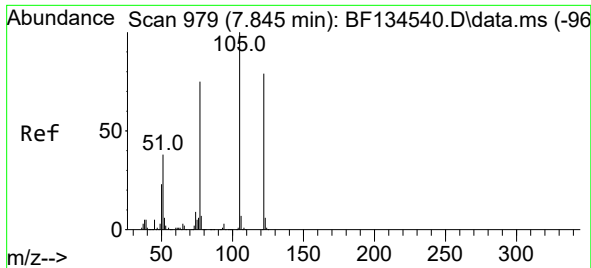
Tgt Ion: 82 Resp: 747599
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.6 22.0#



#26
2-Nitrophenol
Concen: 4.802 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.235 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 222.4 29.8 44.6#
65 127.0 45.4 68.2#

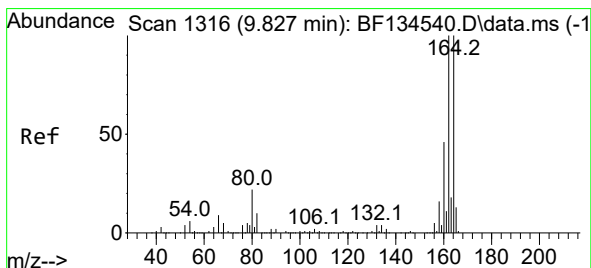
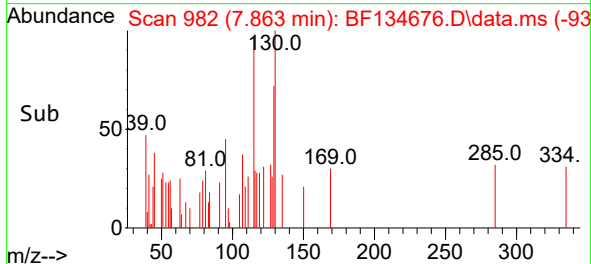
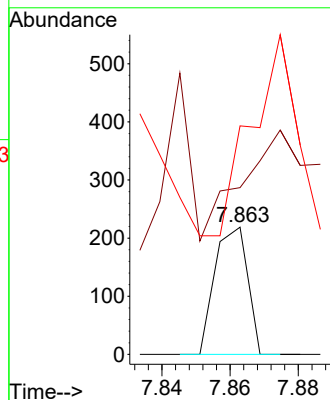
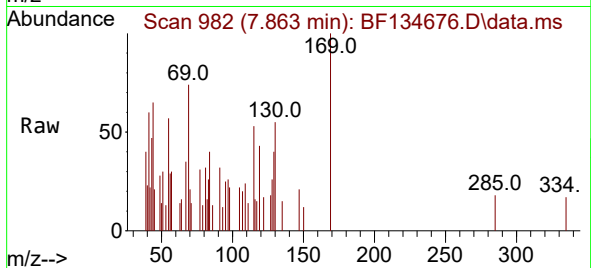




#32
Benzoic acid
Concen: 7.885 ng
RT: 7.863 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

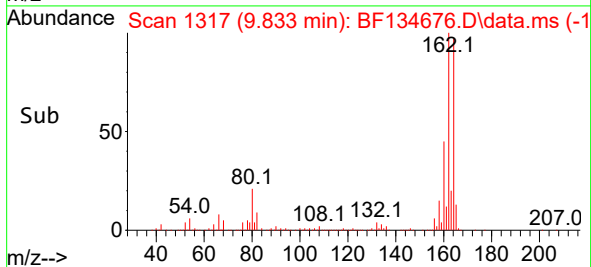
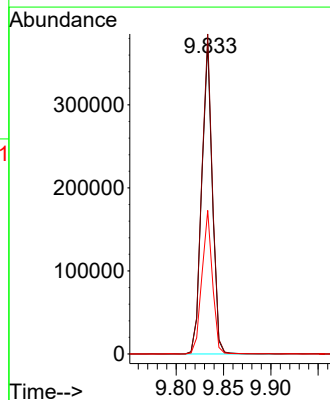
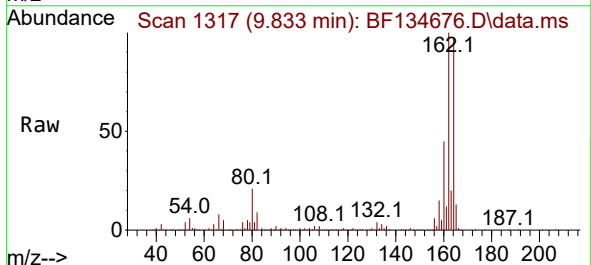
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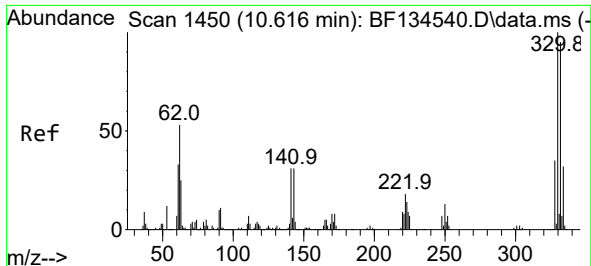
Tgt Ion:122 Resp: 146
Ion Ratio Lower Upper
122 100
105 131.1 87.5 127.5#
77 179.5 71.4 111.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

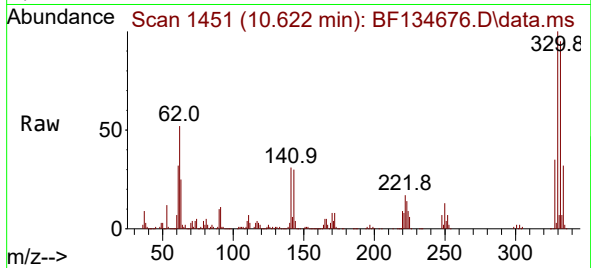
Tgt Ion:164 Resp: 290824
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 46.1 37.2 55.8



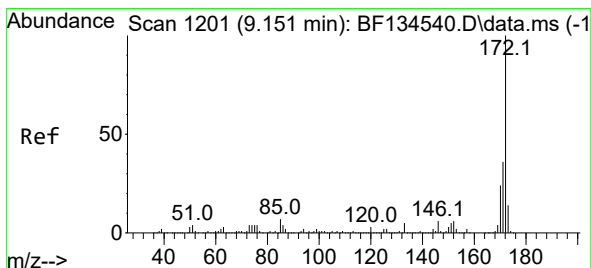
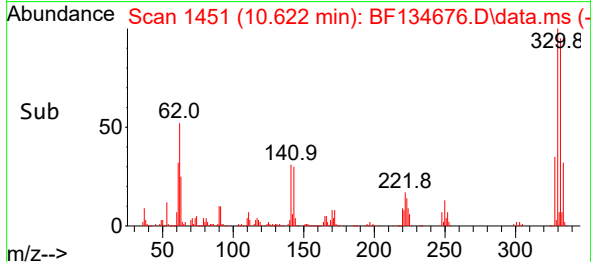
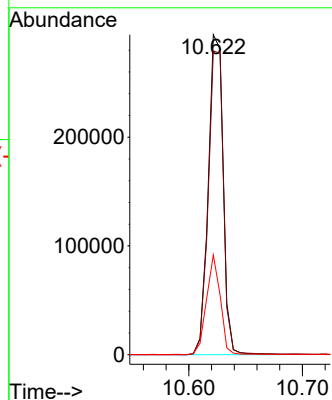


#42
2,4,6-Tribromophenol
Concen: 90.457 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134676.D
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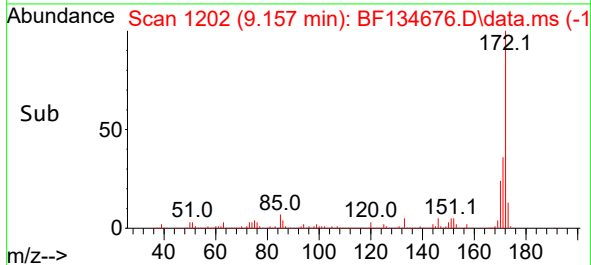
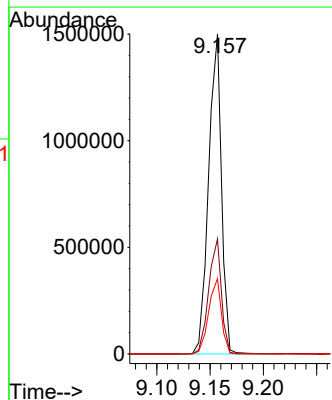
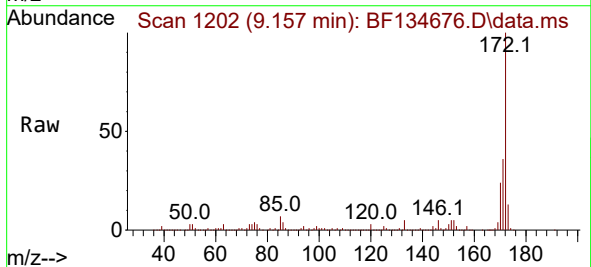


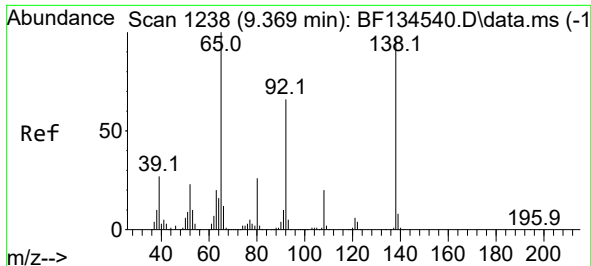
Tgt Ion: 330 Resp: 268176
Ion Ratio Lower Upper
330 100
332 96.4 78.8 118.2
141 28.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 72.482 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

Tgt Ion: 172 Resp: 1267789
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.6 18.7 28.1

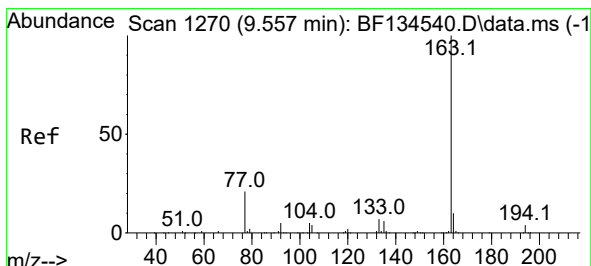
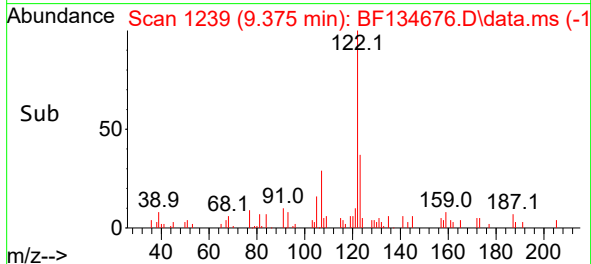
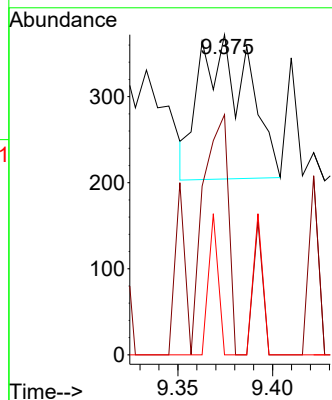
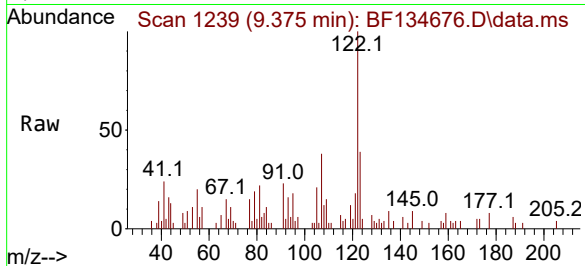




#48
2-Nitroaniline
Concen: 3.218 ng
RT: 9.375 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

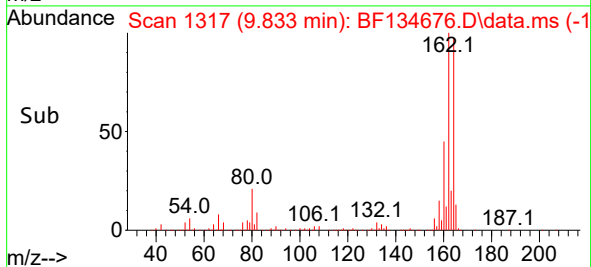
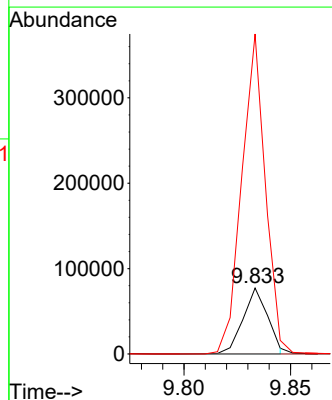
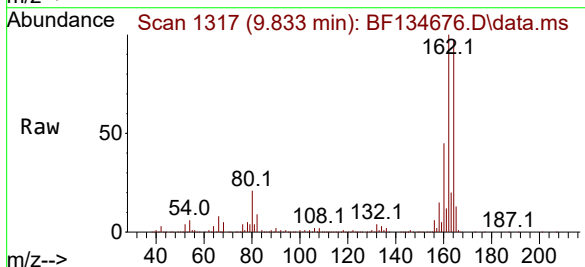
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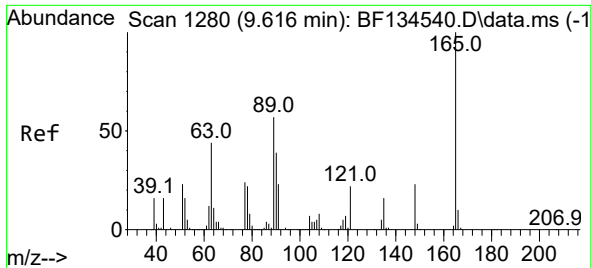
Tgt Ion: 65 Resp: 296
Ion Ratio Lower Upper
65 100
92 75.0 50.7 76.1
138 0.0 78.2 117.4#



#50
Dimethylphthalate
Concen: 3.155 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

Tgt Ion: 163 Resp: 62535
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 485.9 7.5 11.3#

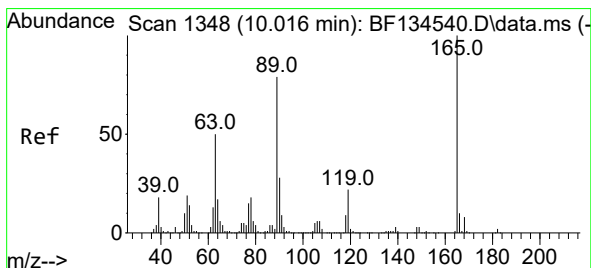
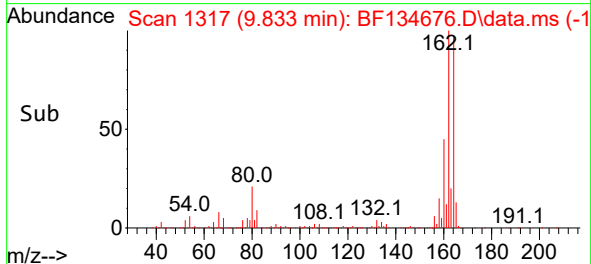
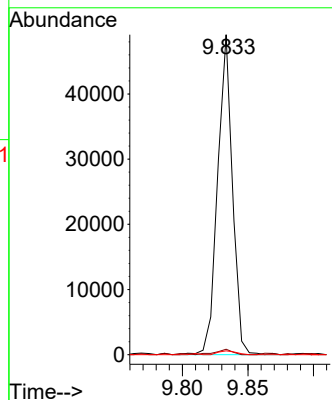
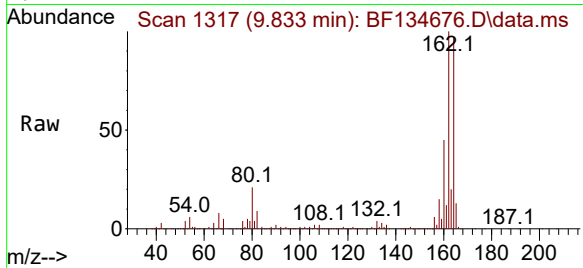




#51
2,6-Dinitrotoluene
Concen: 11.499 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

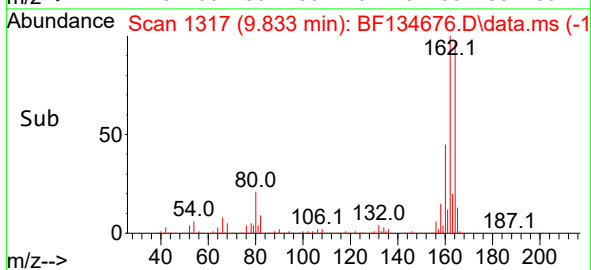
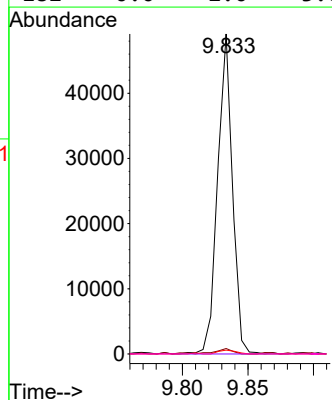
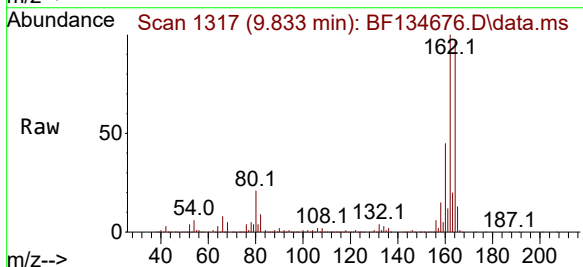
Instrument :
BNA_F
ClientSampleId :
TP-38

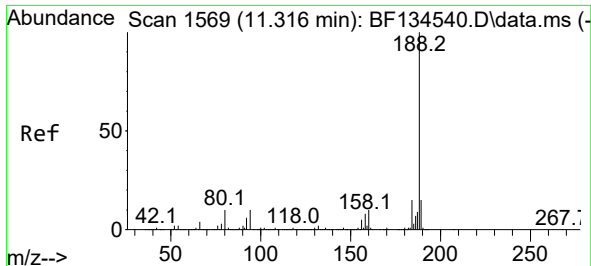
Tgt Ion:165 Resp: 38573
Ion Ratio Lower Upper
165 100
63 1.7 57.8 86.6#
89 1.2 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.247 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.194 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

Tgt Ion:165 Resp: 38573
Ion Ratio Lower Upper
165 100
63 1.7 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#

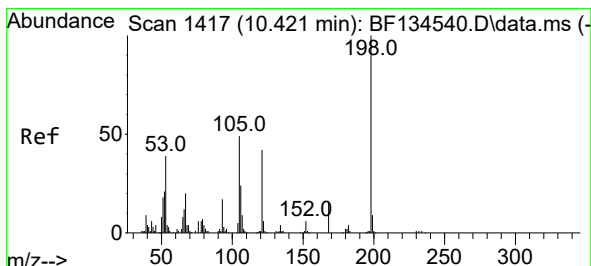
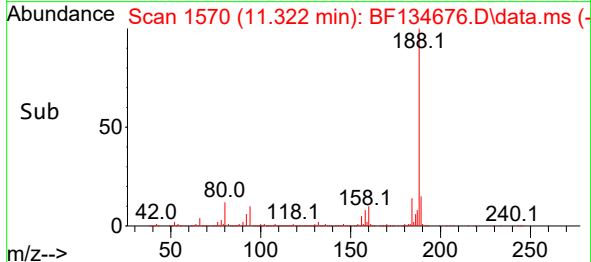
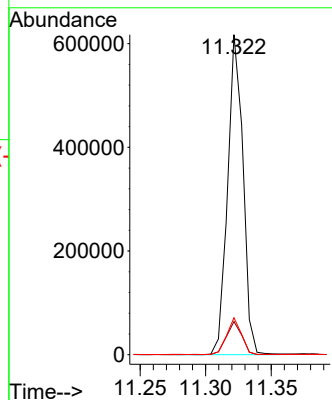
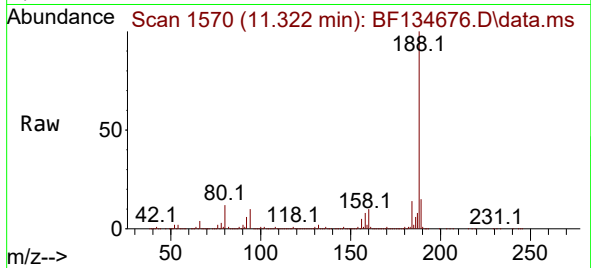




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

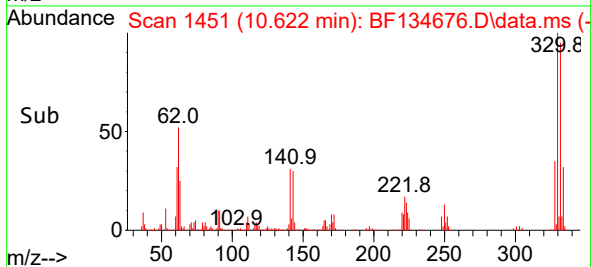
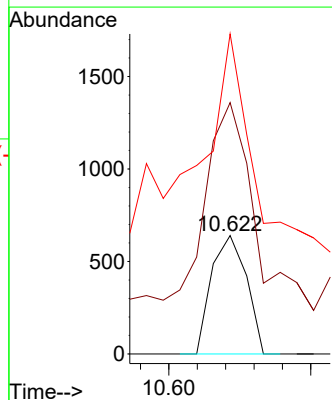
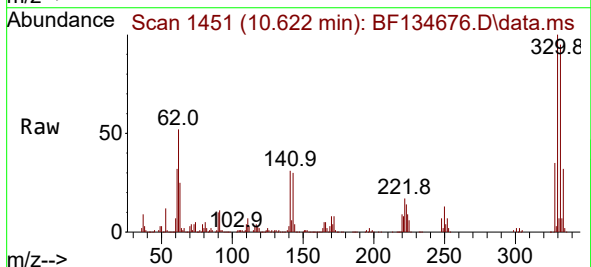
Instrument :
BNA_F
ClientSampleId :
TP-38

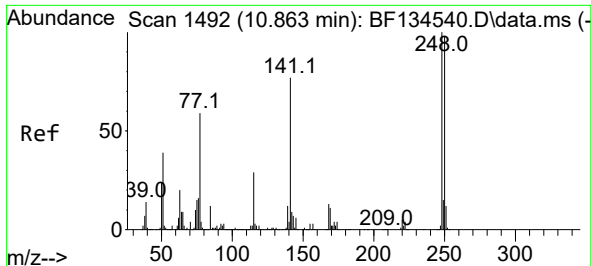
Tgt Ion:188 Resp: 502863
Ion Ratio Lower Upper
188 100
94 10.4 5.1 7.7#
80 11.6 6.6 9.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.920 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.182 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

Tgt Ion:198 Resp: 548
Ion Ratio Lower Upper
198 100
51 212.3 38.6 78.6#
105 270.3 27.9 67.9#

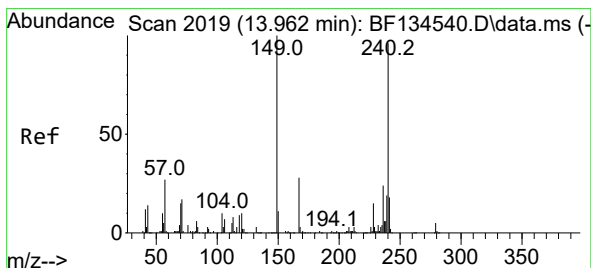
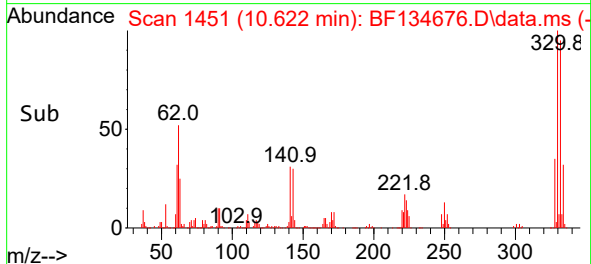
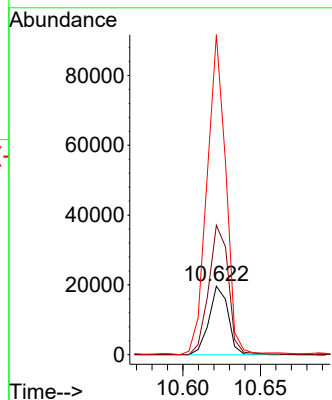
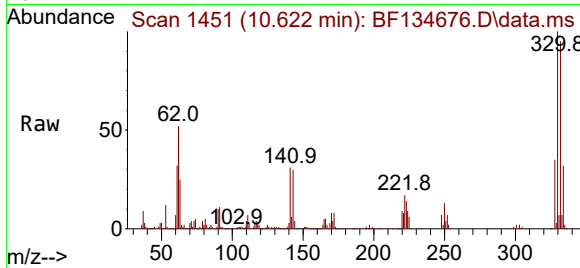




#67
4-Bromophenyl-phenylether
Concen: 3.052 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

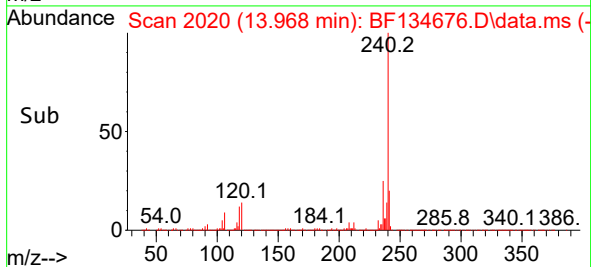
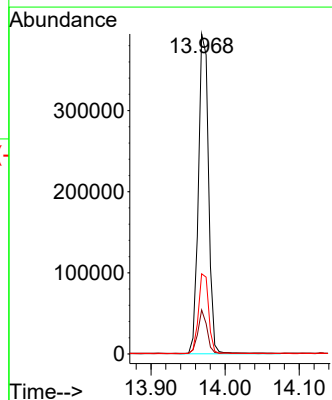
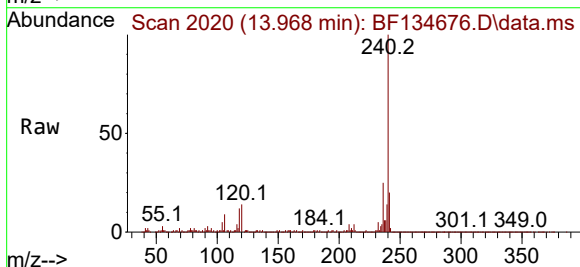
Instrument :
BNA_F
ClientSampleId :
TP-38

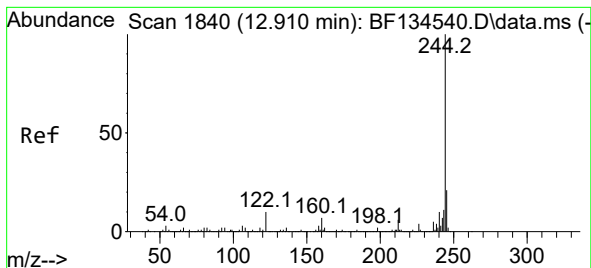
Tgt Ion:248 Resp: 16803
Ion Ratio Lower Upper
248 100
250 189.2 79.6 119.4#
141 467.5 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134676.D
Acq: 08 Aug 2023 17:33

Tgt Ion:240 Resp: 373170
Ion Ratio Lower Upper
240 100
120 13.7 6.6 10.0#
236 25.1 20.2 30.2





#79

Terphenyl-d14

Concen: 65.333 ng

RT: 12.921 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134676.D

Acq: 08 Aug 2023 17:33

Instrument :

BNA_F

ClientSampleId :

TP-38

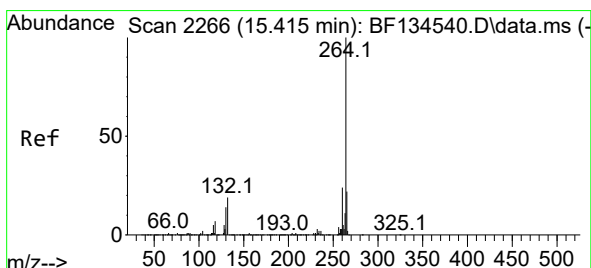
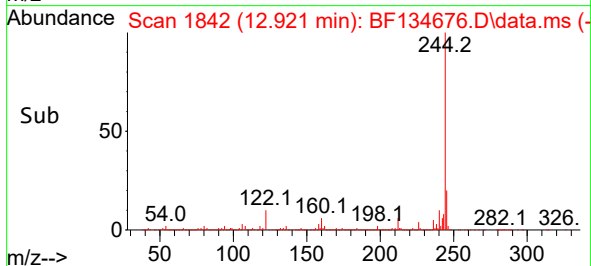
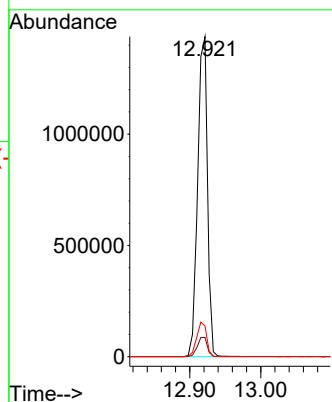
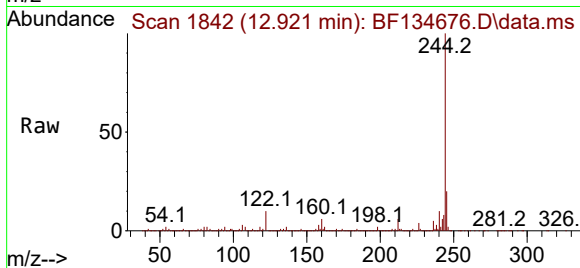
Tgt Ion:244 Resp: 1382986

Ion Ratio Lower Upper

244 100

212 6.0 5.6 8.4

122 9.6 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF134676.D

Acq: 08 Aug 2023 17:33

Tgt Ion:264 Resp: 290620

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 20.4 15.8 23.8

