

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
 Data File : BF134652.D
 Acq On : 07 Aug 2023 14:03
 Operator : CG\JU
 Sample : 03840-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUILDING-B-5-(5-10)

Quant Time: Aug 08 01:21:19 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

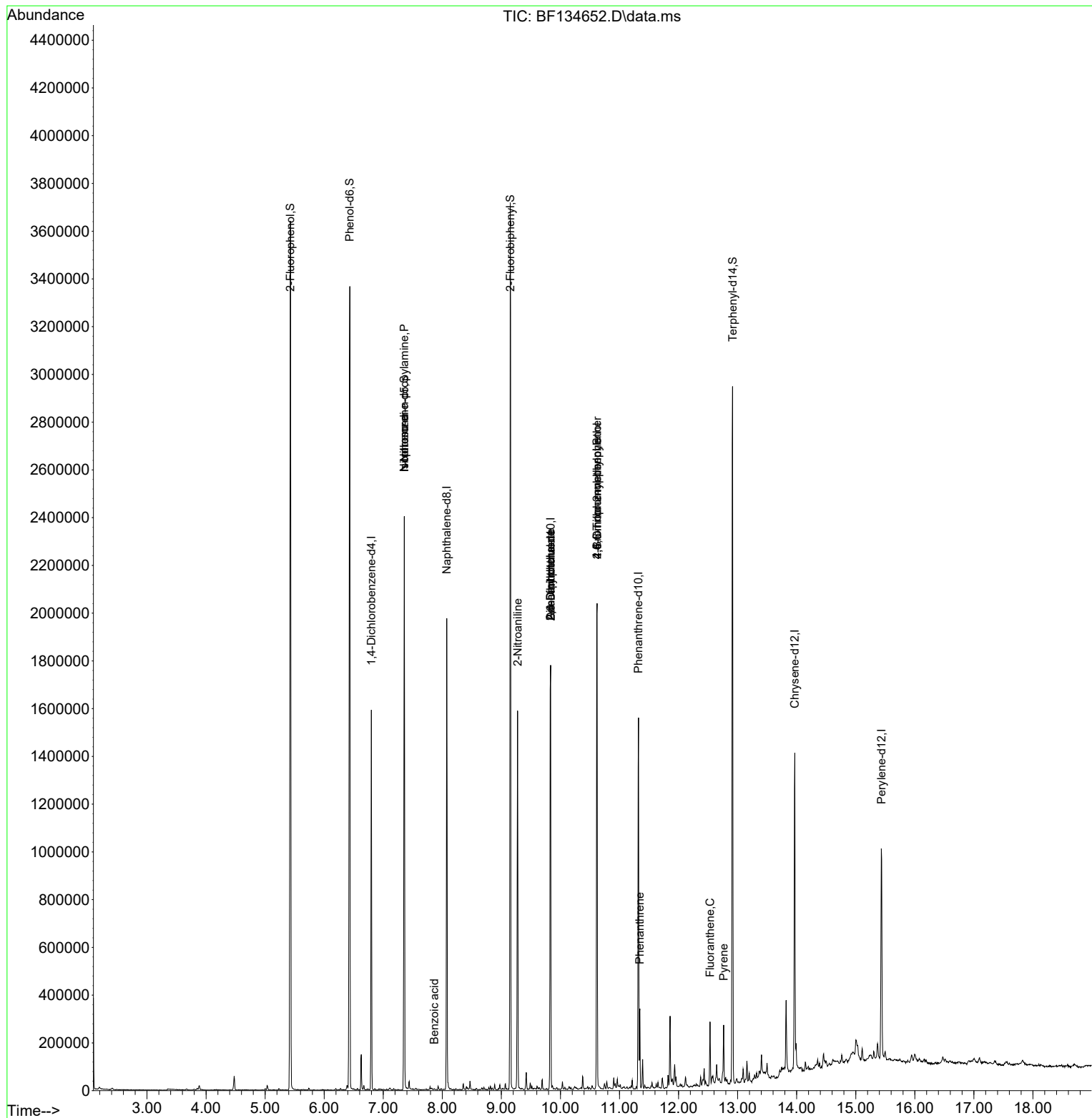
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	202002	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	775311	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	358444	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	563233	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	422374	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	425039	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	973151	73.231	ng	0.00
7) Phenol-d6	6.434	99	1224644	72.093	ng	0.00
23) Nitrobenzene-d5	7.357	82	697503	56.221	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	257805	70.554	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1129325	52.385	ng	-0.01
79) Terphenyl-d14	12.916	244	1011326	42.210	ng	0.00
Target Compounds						
9) Benzaldehyde	6.351	77	143	Below Cal		98
19) n-Nitroso-di-n-propyla...	7.357	70	95276	9.368	ng	# 74
25) Isophorone	7.357	82	693877	25.642	ng	# 65
32) Benzoic acid	7.863	122	249	7.894	ng	# 32
48) 2-Nitroaniline	9.275	65	15040	5.324	ng	# 16
50) Dimethylphthalate	9.833	163	76409	3.128	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	47467	11.485	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	47467	10.236	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	474	8.869	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	16690	2.707	ng	# 1
71) Phenanthrene	11.345	178	122725	4.102	ng	98
75) Fluoranthene	12.533	202	97042	3.071	ng	97
78) Pyrene	12.763	202	90776	2.484	ng	99

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

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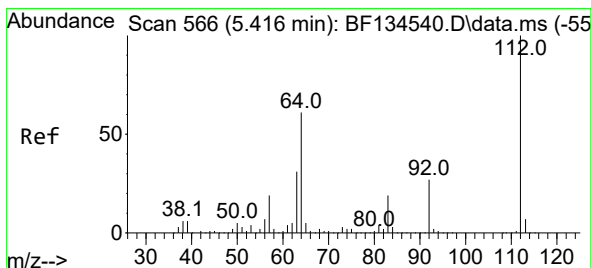
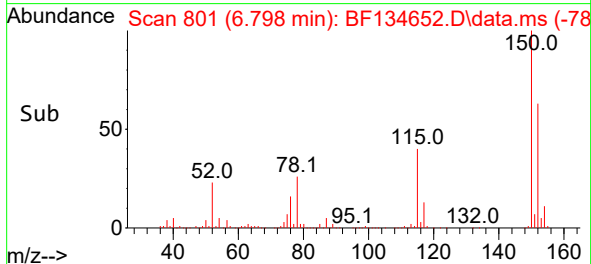
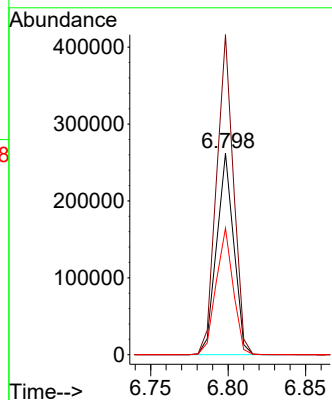
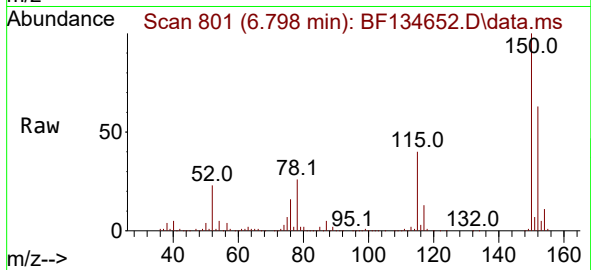




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

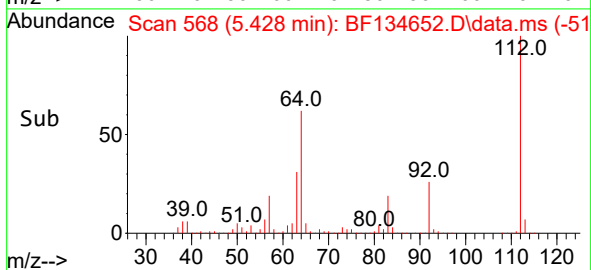
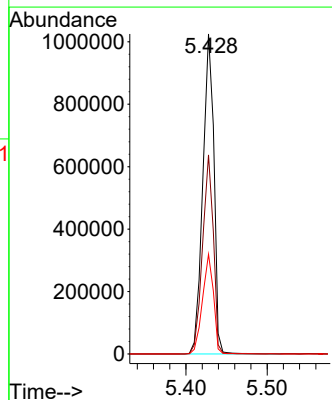
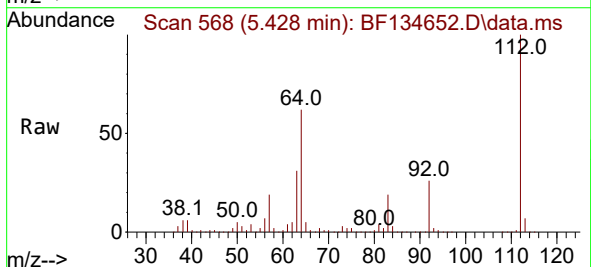
Instrument :
BNA_F
ClientSampleId :
BUILDING-B-5-(5-10)

Tgt Ion:152 Resp: 202002
Ion Ratio Lower Upper
152 100
150 158.7 128.3 192.5
115 62.7 52.4 78.6



#5
2-Fluorophenol
Concen: 73.231 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

Tgt Ion:112 Resp: 973151
Ion Ratio Lower Upper
112 100
64 62.2 44.9 67.3
63 31.1 25.4 38.0

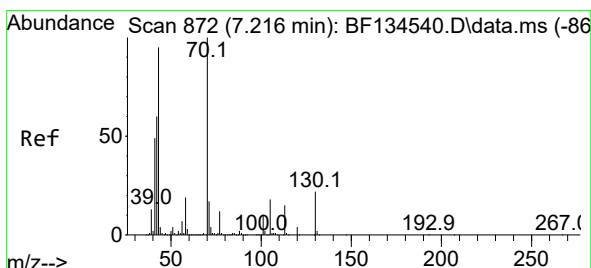
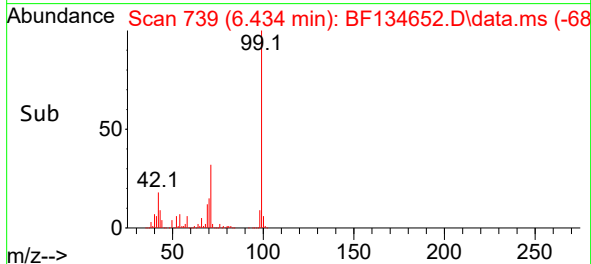
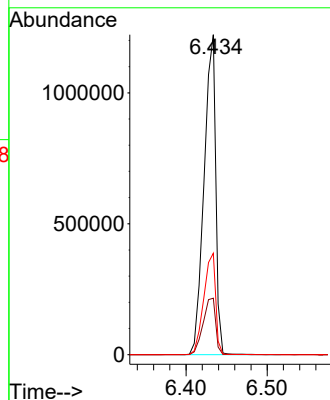
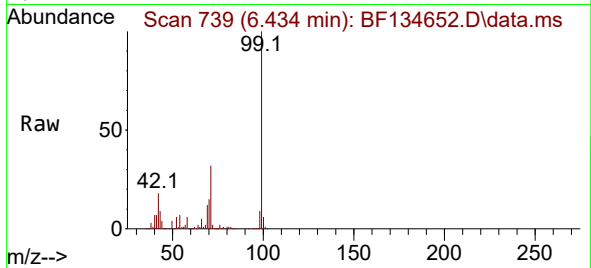




#7
Phenol-d6
Concen: 72.093 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

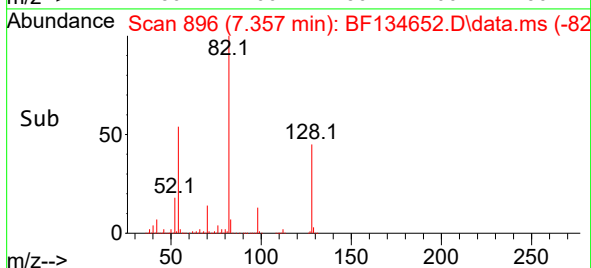
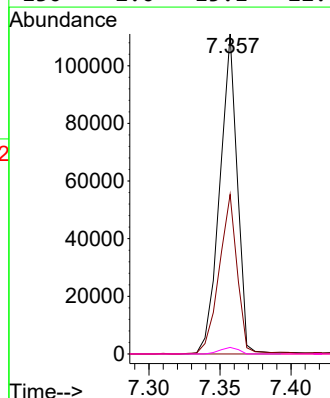
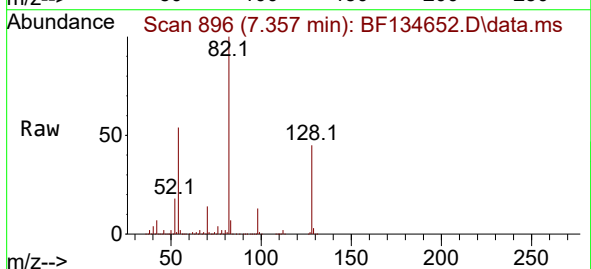
Instrument :
BNA_F
ClientSampleId :
BUILDING-B-5-(5-10)

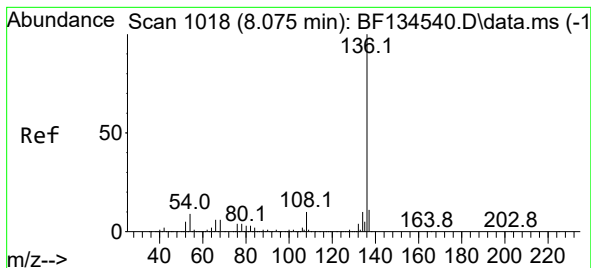
Tgt Ion: 99 Resp: 1224644
Ion Ratio Lower Upper
99 100
42 17.6 18.7 28.1#
71 31.7 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.368 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

Tgt Ion: 70 Resp: 95276
Ion Ratio Lower Upper
70 100
42 49.9 54.7 82.1#
101 0.0 8.2 12.2#
130 2.0 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134652.D

Acq: 07 Aug 2023 14:03

Instrument :

BNA_F

ClientSampleId :

BUILDING-B-5-(5-10)

Tgt Ion:136 Resp: 775311

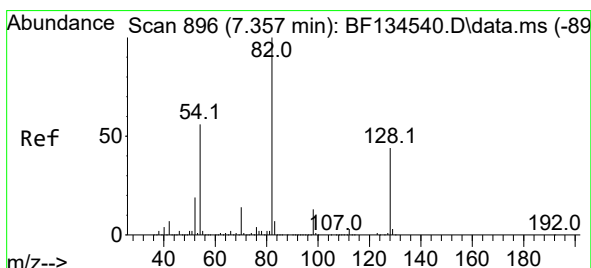
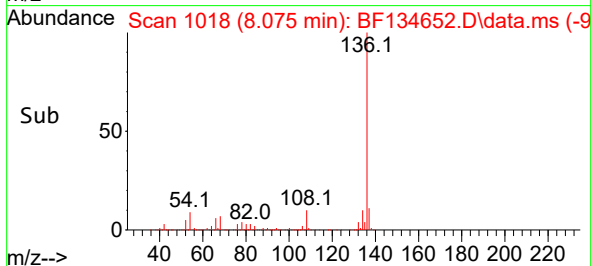
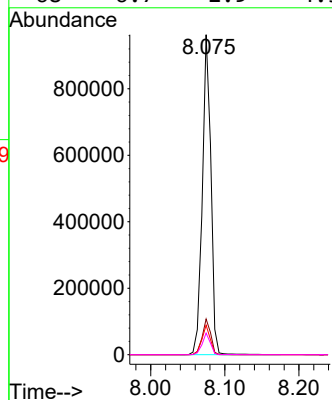
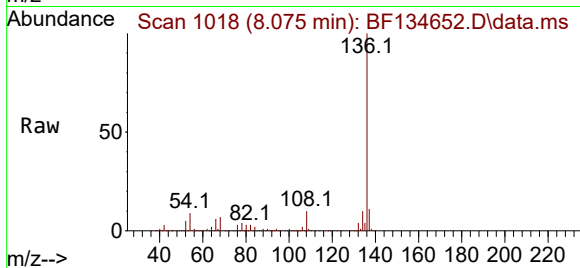
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.2 5.2 7.8#

68 6.7 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 56.221 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134652.D

Acq: 07 Aug 2023 14:03

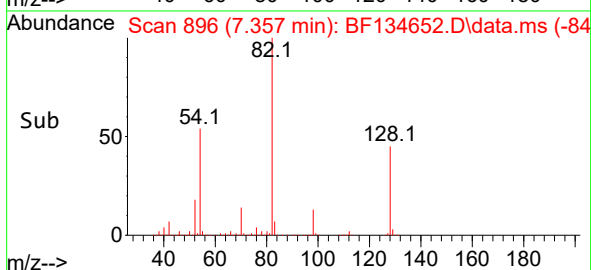
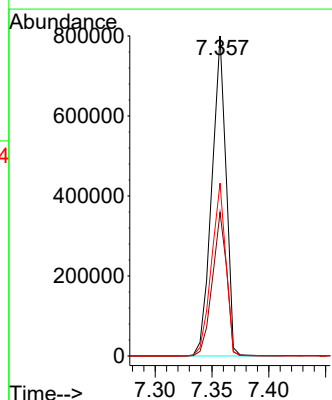
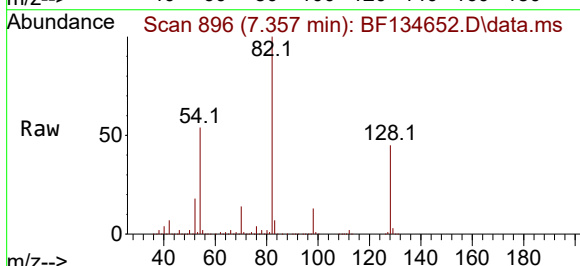
Tgt Ion: 82 Resp: 697503

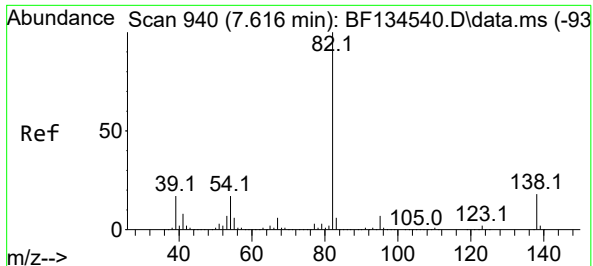
Ion Ratio Lower Upper

82 100

128 44.9 34.3 51.5

54 54.0 43.8 65.6

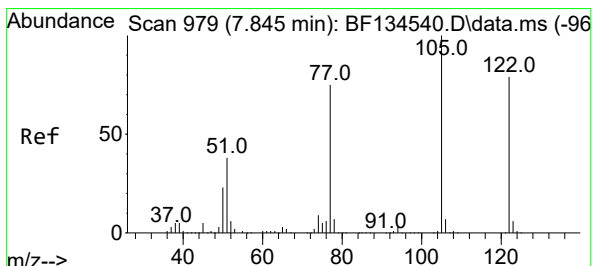
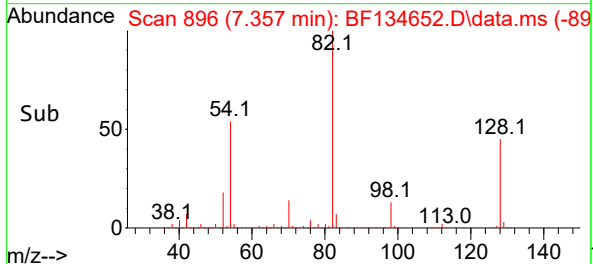
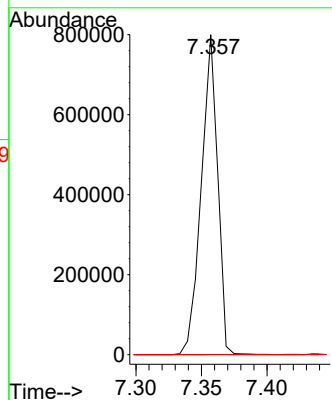
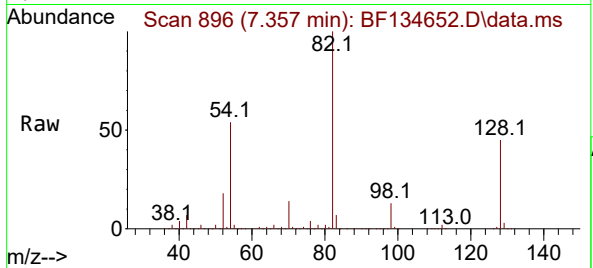




#25
Isophorone
Concen: 25.642 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

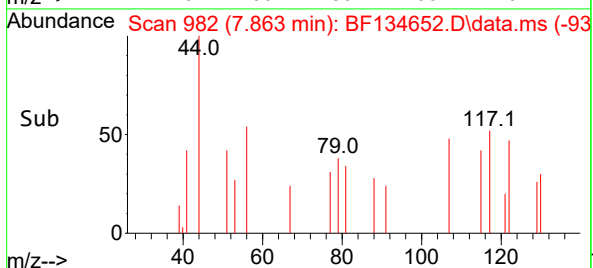
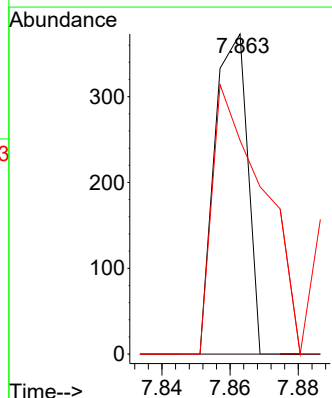
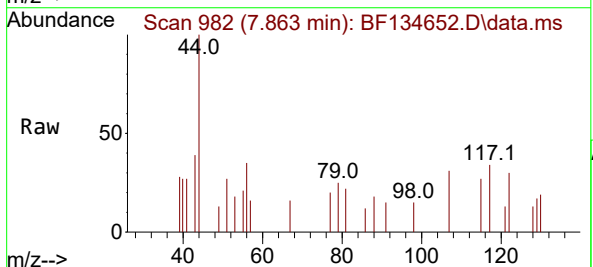
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ClientSampleId :
BUILDING-B-5-(5-10)

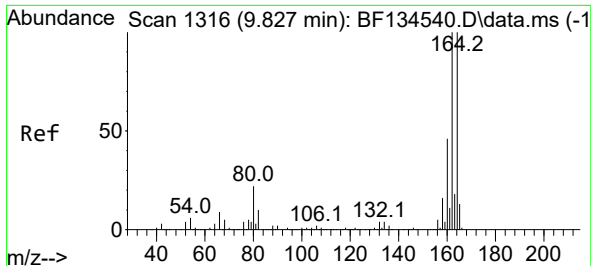
Tgt Ion: 82 Resp: 693877
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.894 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

Tgt Ion:122 Resp: 249
Ion Ratio Lower Upper
122 100
105 0.0 87.5 127.5#
77 66.8 71.4 111.4#

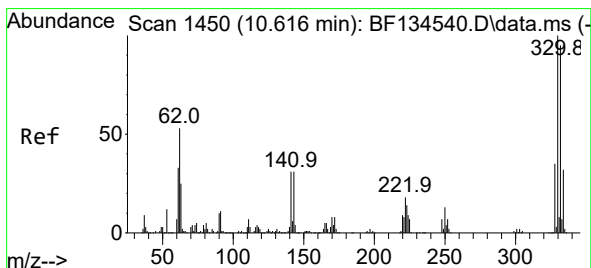
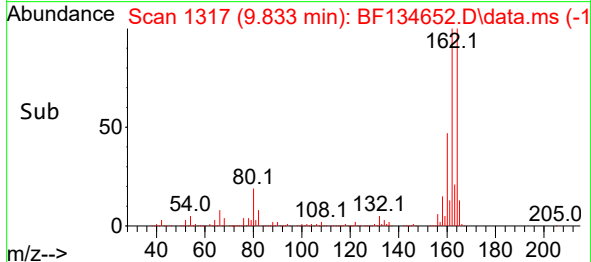
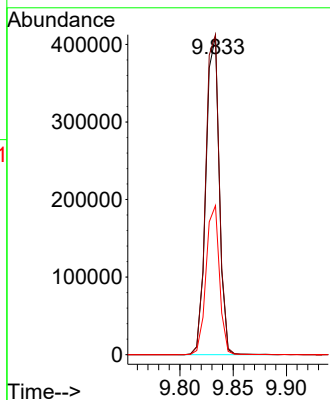
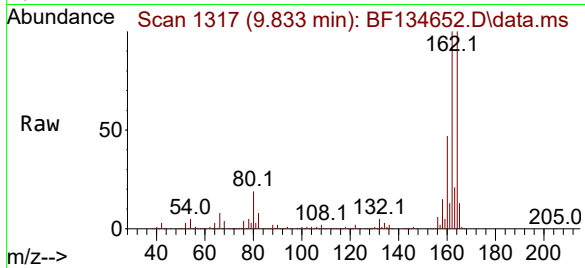




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

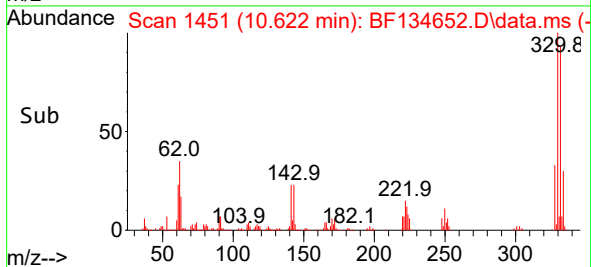
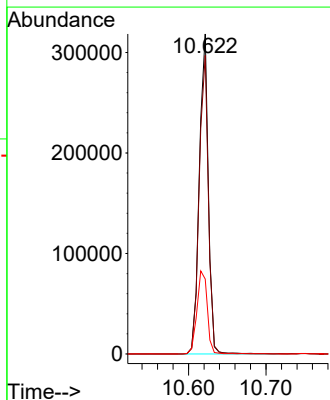
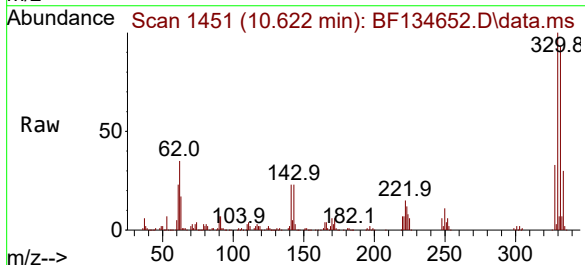
Instrument :
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BUILDING-B-5-(5-10)

Tgt Ion:164 Resp: 358444
Ion Ratio Lower Upper
164 100
162 100.5 82.6 123.8
160 46.8 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 70.554 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

Tgt Ion:330 Resp: 257805
Ion Ratio Lower Upper
330 100
332 95.0 78.8 118.2
141 29.8 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 52.385 ng

RT: 9.151 min Scan# 1129

Delta R.T. -0.012 min

Lab File: BF134652.D

Acq: 07 Aug 2023 14:03

Instrument :

BNA_F

ClientSampleId :

BUILDING-B-5-(5-10)

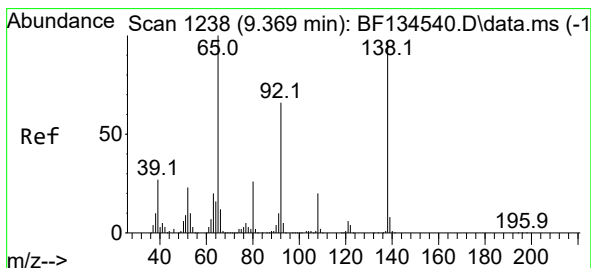
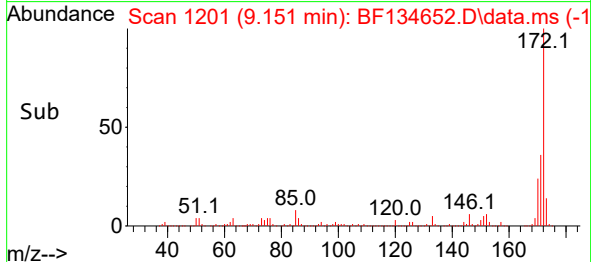
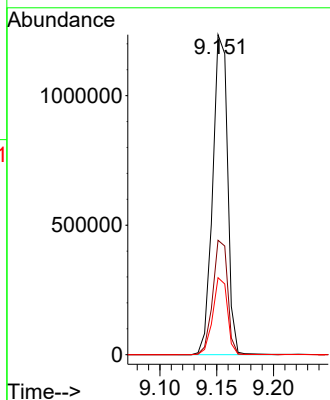
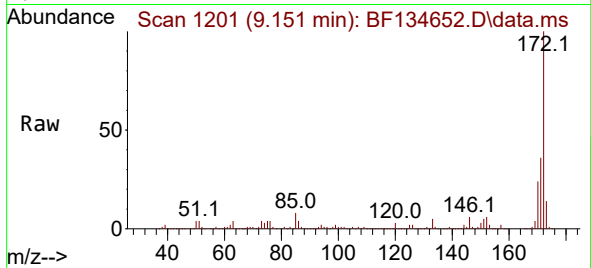
Tgt Ion:172 Resp: 1129325

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.0 18.7 28.1



#48

2-Nitroaniline

Concen: 5.324 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.106 min

Lab File: BF134652.D

Acq: 07 Aug 2023 14:03

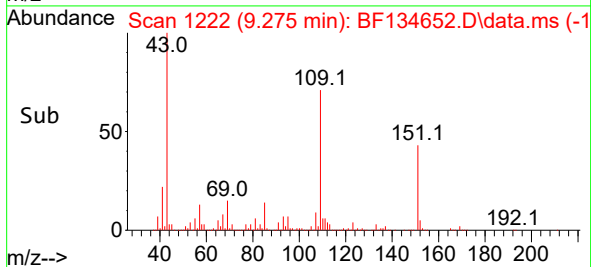
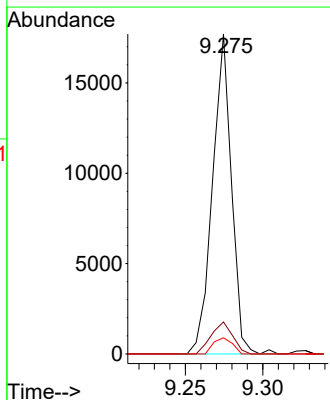
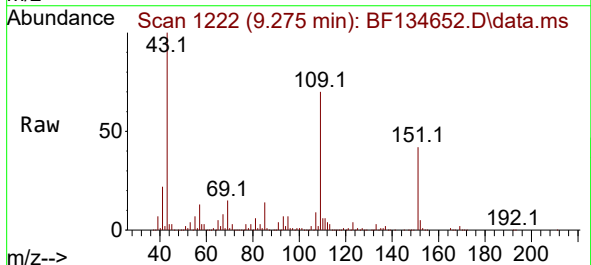
Tgt Ion: 65 Resp: 15040

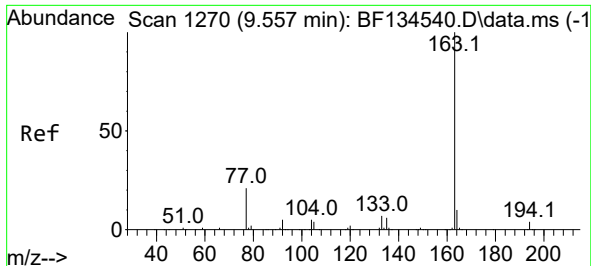
Ion Ratio Lower Upper

65 100

92 10.0 50.7 76.1#

138 5.1 78.2 117.4#

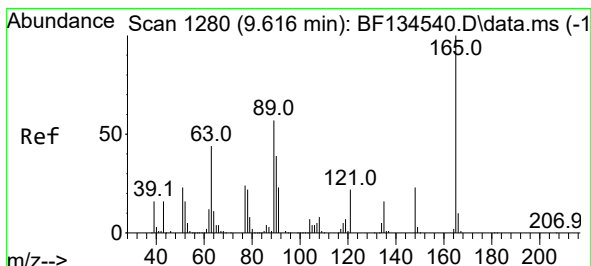
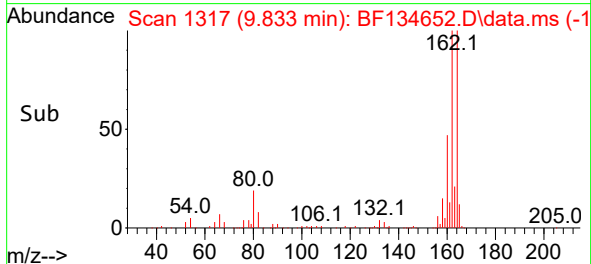
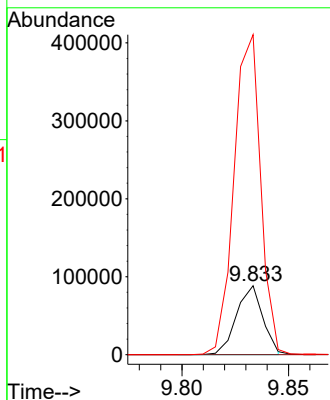
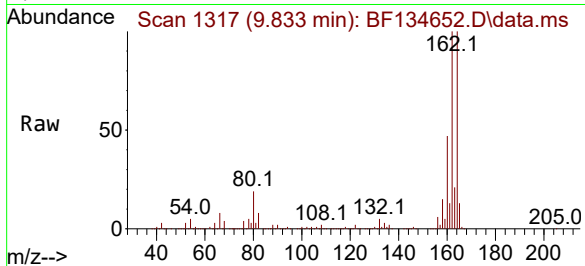




#50
Dimethylphthalate
Concen: 3.128 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

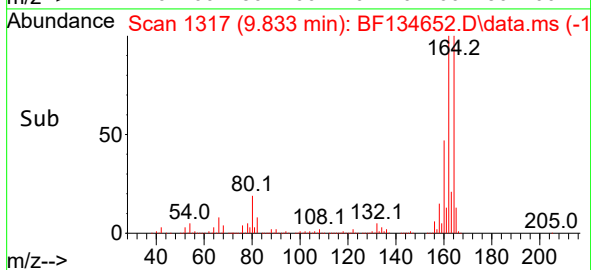
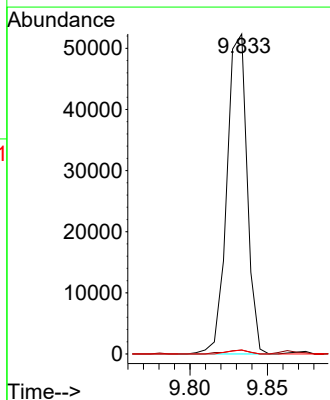
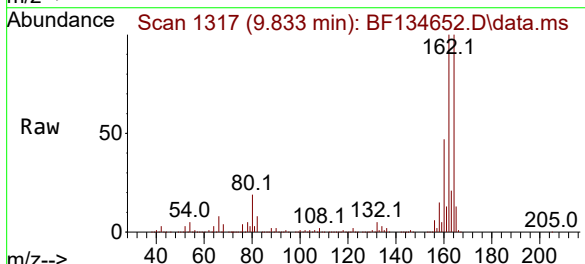
Instrument :
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BUILDING-B-5-(5-10)

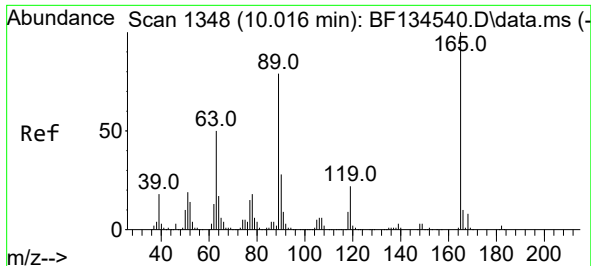
Tgt Ion:163 Resp: 76409
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 463.8 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.485 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

Tgt Ion:165 Resp: 47467
Ion Ratio Lower Upper
165 100
63 1.2 57.8 86.6#
89 1.2 51.8 77.8#

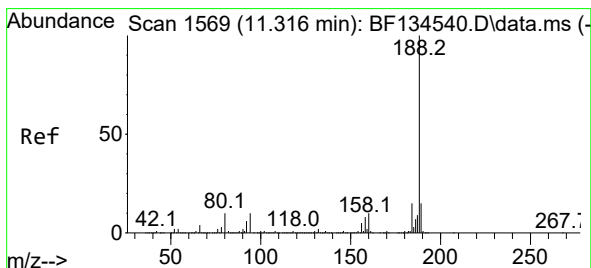
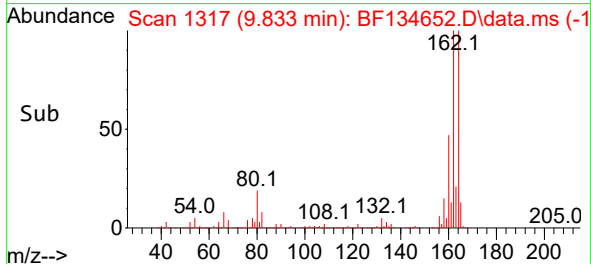
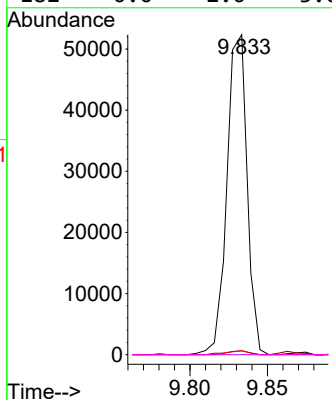
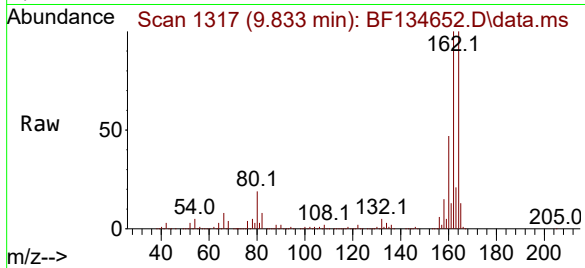




#57
2,4-Dinitrotoluene
Concen: 10.236 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

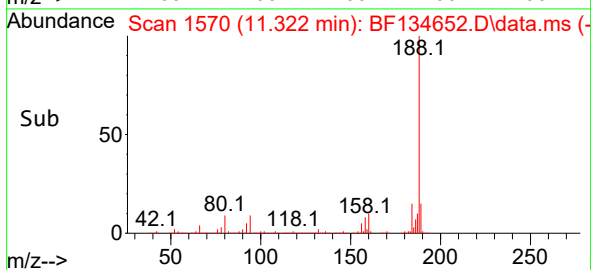
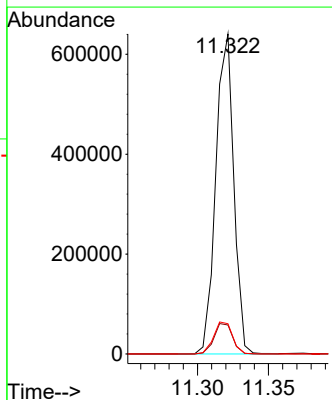
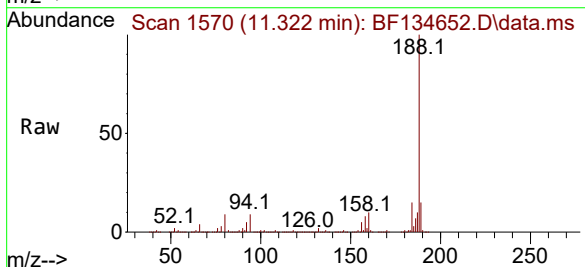
Instrument :
BNA_F
ClientSampleId :
BUILDING-B-5-(5-10)

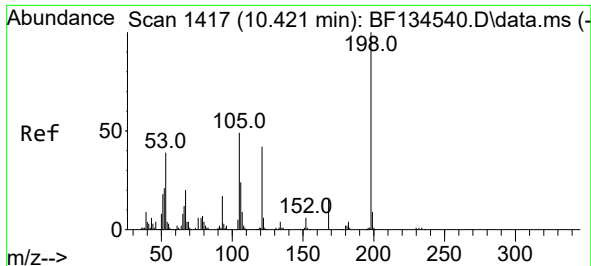
Tgt Ion:165 Resp: 47467
Ion Ratio Lower Upper
165 100
63 1.2 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

Tgt Ion:188 Resp: 563233
Ion Ratio Lower Upper
188 100
94 9.0 5.1 7.7#
80 9.5 6.6 9.8

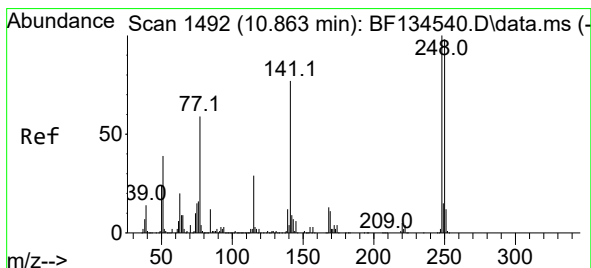
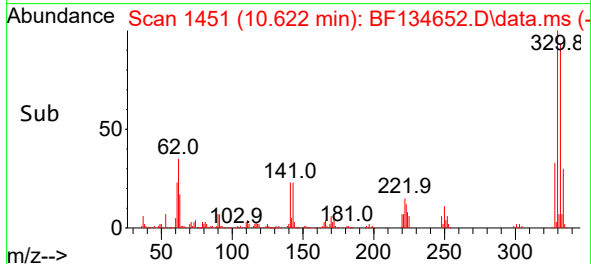
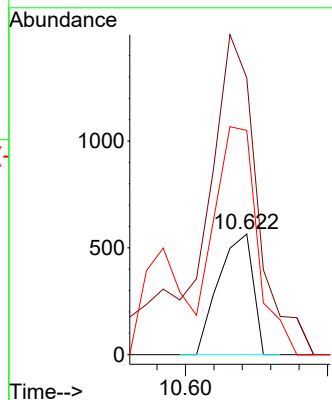
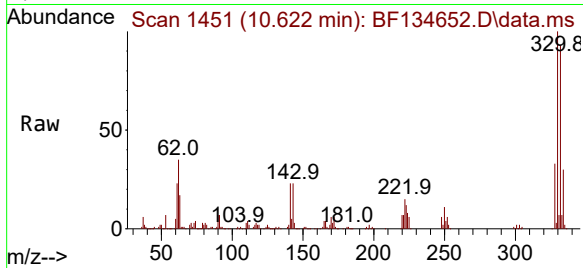




#65
4,6-Dinitro-2-methylphenol
Concen: 8.869 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.182 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

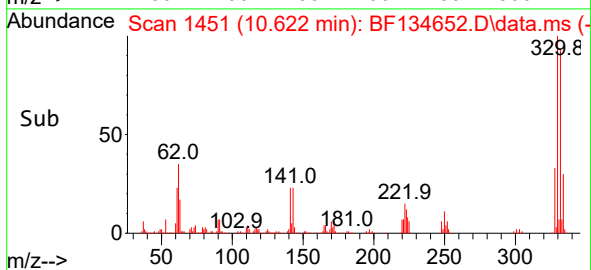
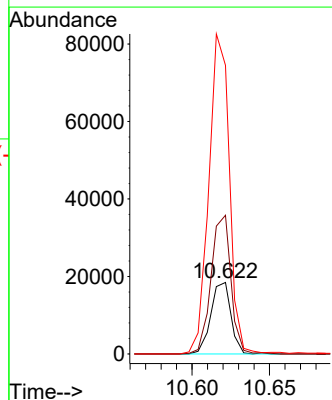
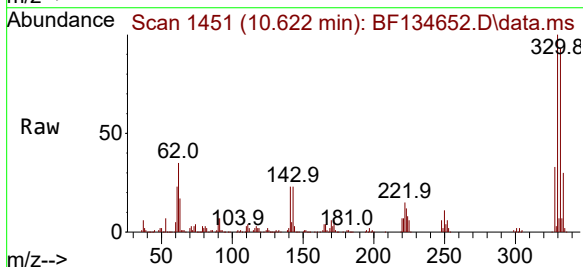
Instrument :
BNA_F
ClientSampleId :
BUILDING-B-5-(5-10)

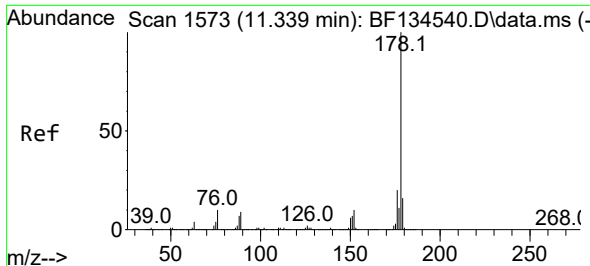
Tgt Ion:198 Resp: 474
Ion Ratio Lower Upper
198 100
51 229.4 38.6 78.6#
105 185.8 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.707 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

Tgt Ion:248 Resp: 16690
Ion Ratio Lower Upper
248 100
250 193.9 79.6 119.4#
141 403.6 59.6 89.4#

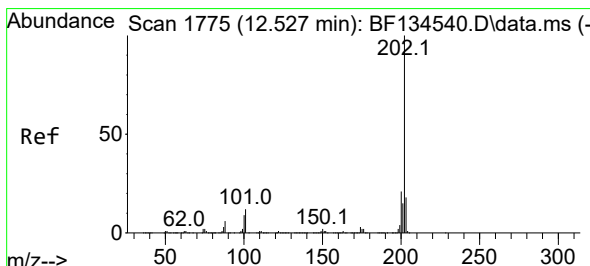
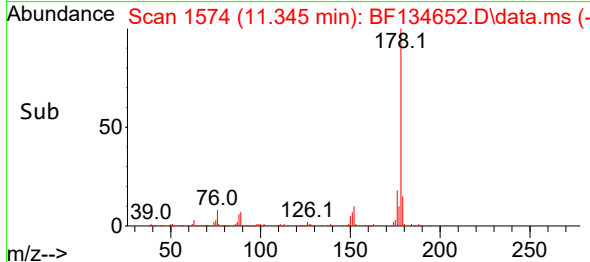
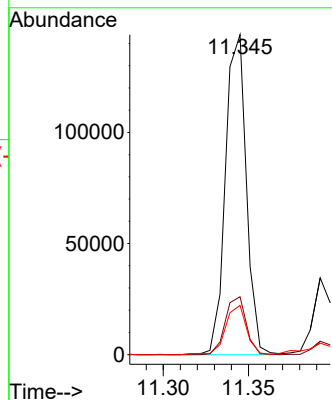
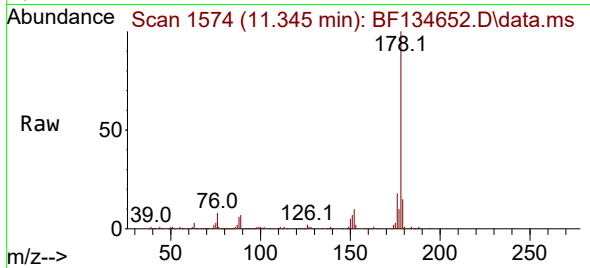




#71
Phenanthrene
Concen: 4.102 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

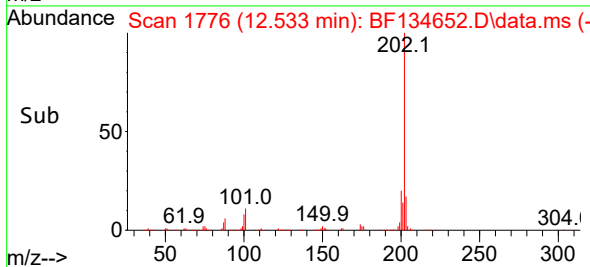
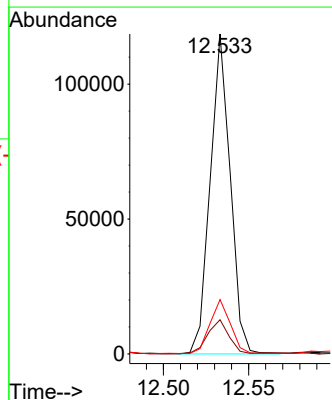
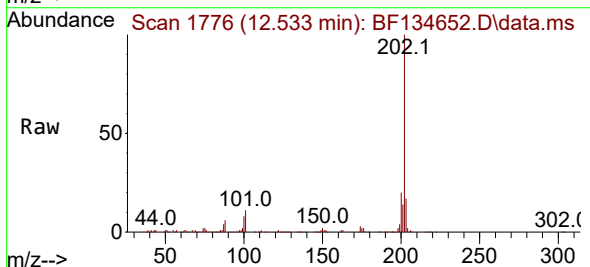
Instrument :
BNA_F
ClientSampleId :
BUILDING-B-5-(5-10)

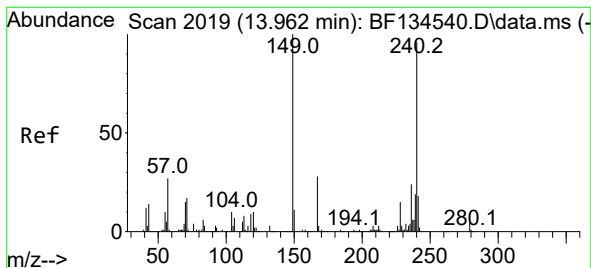
Tgt Ion:178 Resp: 122725
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.6
179 15.4 12.7 19.1



#75
Fluoranthene
Concen: 3.071 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF134652.D
Acq: 07 Aug 2023 14:03

Tgt Ion:202 Resp: 97042
Ion Ratio Lower Upper
202 100
101 10.7 0.0 28.5
203 17.0 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134652.D

Acq: 07 Aug 2023 14:03

Instrument :

BNA_F

ClientSampleId :

BUILDING-B-5-(5-10)

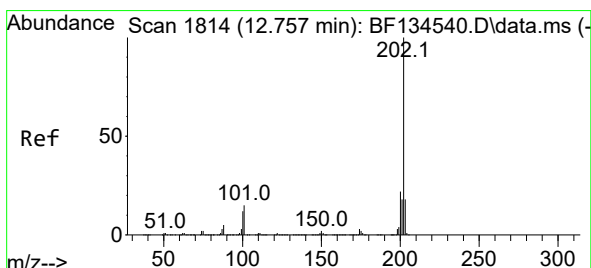
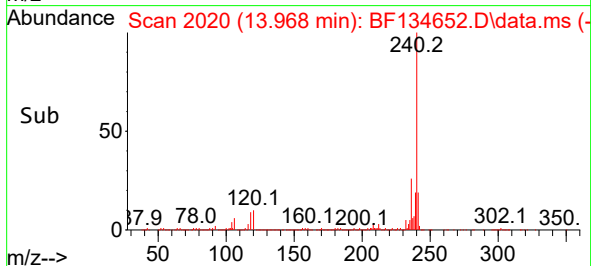
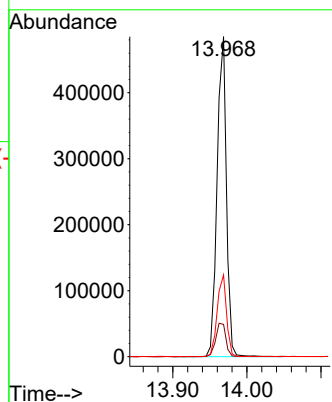
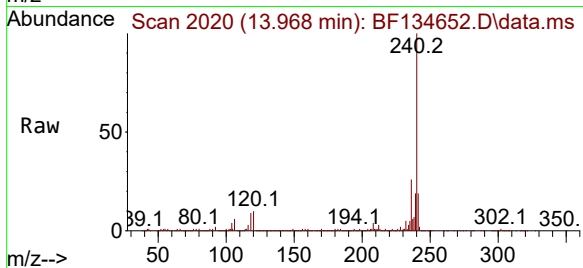
Tgt Ion:240 Resp: 422374

Ion Ratio Lower Upper

240 100

120 10.1 6.6 10.0#

236 25.6 20.2 30.2



#78

Pyrene

Concen: 2.484 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF134652.D

Acq: 07 Aug 2023 14:03

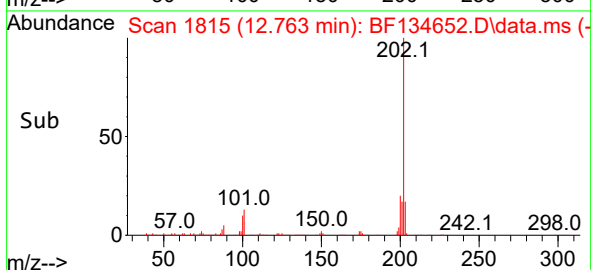
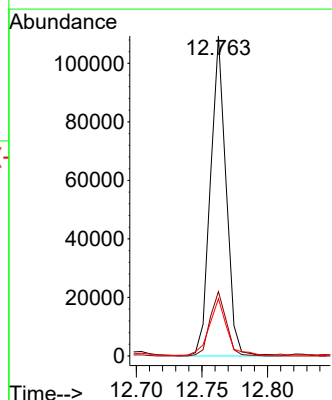
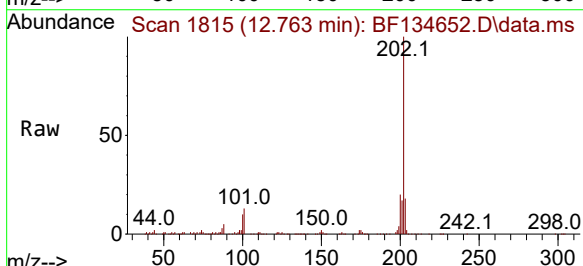
Tgt Ion:202 Resp: 90776

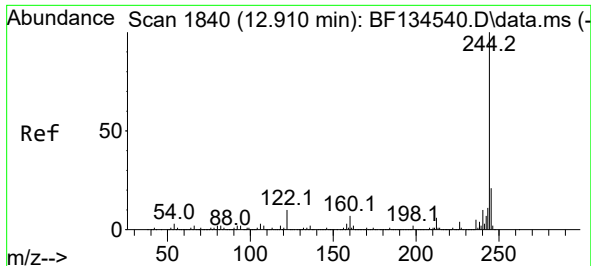
Ion Ratio Lower Upper

202 100

200 20.1 15.8 23.8

203 17.9 13.5 20.3

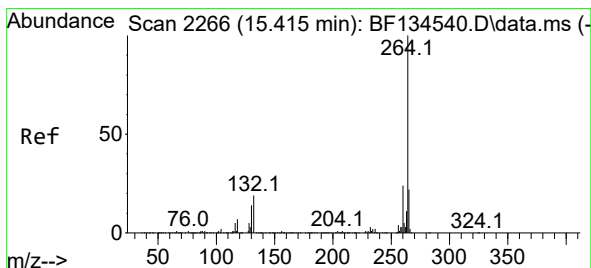
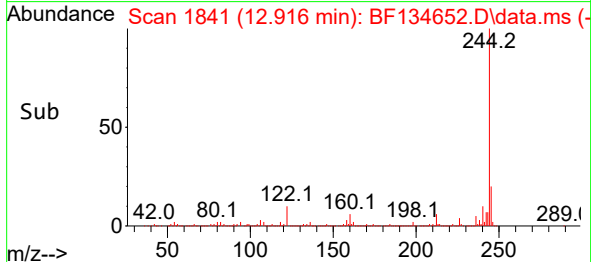
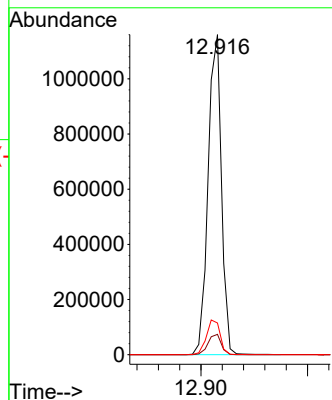
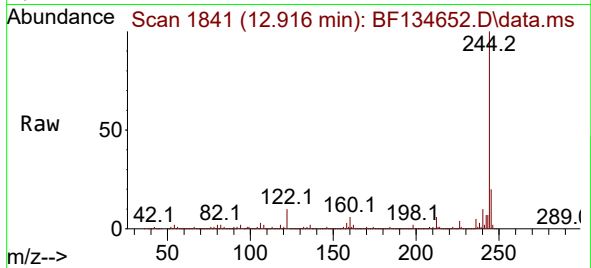




#79
 Terphenyl-d14
 Concen: 42.210 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134652.D
 Acq: 07 Aug 2023 14:03

Instrument :
 BNA_F
 ClientSampleId :
 BUILDING-B-5-(5-10)

Tgt Ion:244 Resp: 1011326
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 9.9 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134652.D
 Acq: 07 Aug 2023 14:03

Tgt Ion:264 Resp: 425039
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 22.0 15.8 23.8

