

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134572.D
 Acq On : 02 Aug 2023 10:51
 Operator : CG\JU
 Sample : 03686-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-0-2-20230719

Quant Time: Aug 02 12:01:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

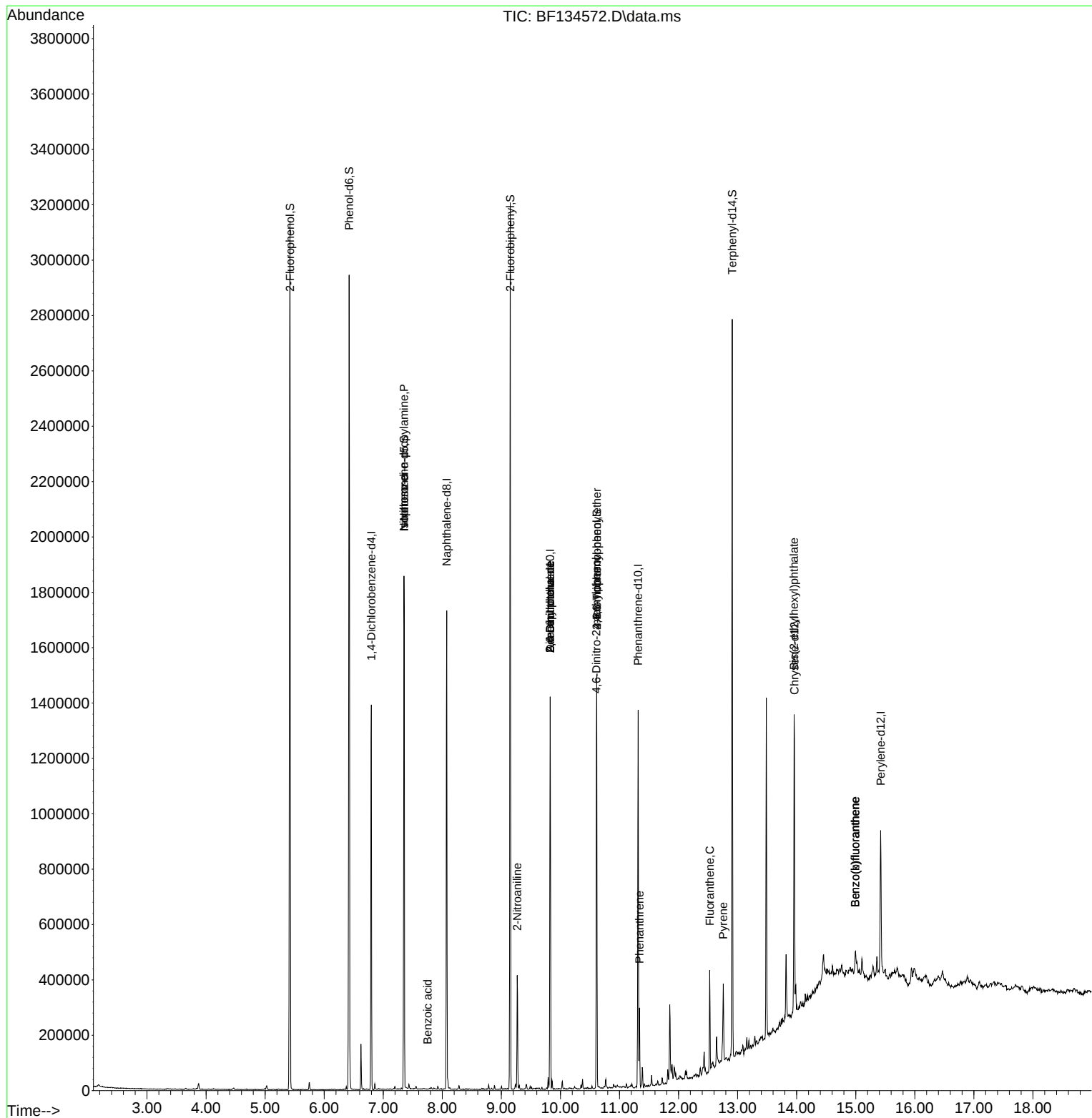
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	195630	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	674528	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	257241	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	447520	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	292161	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	239551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	832487	64.687	ng	0.00
7) Phenol-d6	6.422	99	1013502	61.606	ng	0.00
23) Nitrobenzene-d5	7.351	82	561948	52.063	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	165776	63.217	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	856182	55.340	ng	0.00
79) Terphenyl-d14	12.910	244	844249	50.941	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.345	77	577	Below Cal		90
19) n-Nitroso-di-n-propyla...	7.351	70	74325	7.546 ng	#	76
25) Isophorone	7.351	82	561851	23.866 ng	#	65
32) Benzoic acid	7.751	122	229	7.895 ng		91
48) 2-Nitroaniline	9.269	65	4030	3.972 ng	#	17
50) Dimethylphthalate	9.827	163	51374	2.930 ng	#	1
51) 2,6-Dinitrotoluene	9.827	165	33540	11.347 ng	#	17
57) 2,4-Dinitrotoluene	9.827	165	33540	10.122 ng	#	18
65) 4,6-Dinitro-2-methylph...	10.610	198	280	8.826 ng	#	1
67) 4-Bromophenyl-phenylether	10.616	248	10779	2.200 ng	#	1
71) Phenanthrene	11.339	178	97741	4.112 ng		98
75) Fluoranthene	12.527	202	127141	5.064 ng		95
78) Pyrene	12.757	202	107410	4.249 ng		98
84) Bis(2-ethylhexyl)phtha...	13.957	149	50983	5.068 ng		100
88) Benzo(b)fluoranthene	14.992	252	48050	3.289 ng	#	84
89) Benzo(k)fluoranthene	14.992	252	48050	3.302 ng	#	86

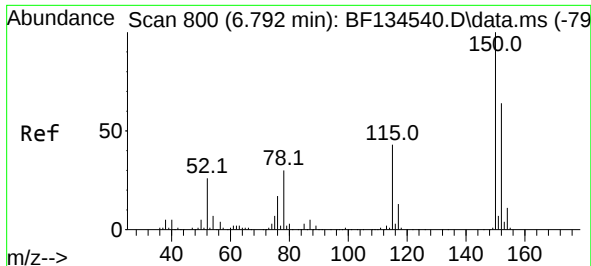
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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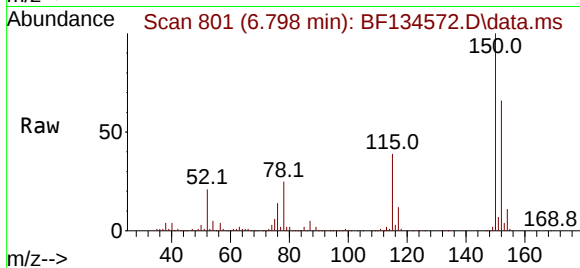
Quant Time: Aug 02 12:01:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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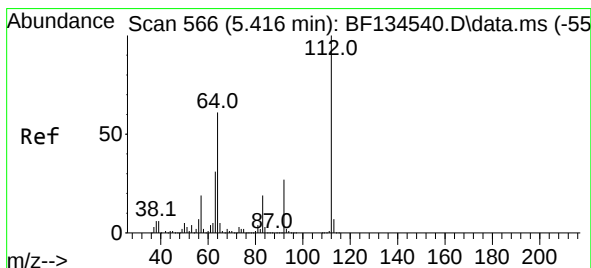
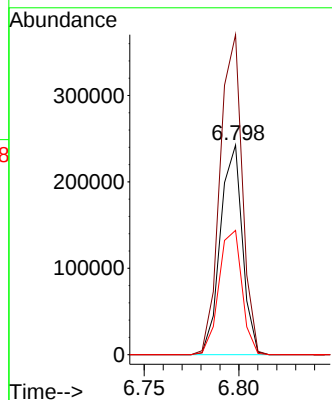
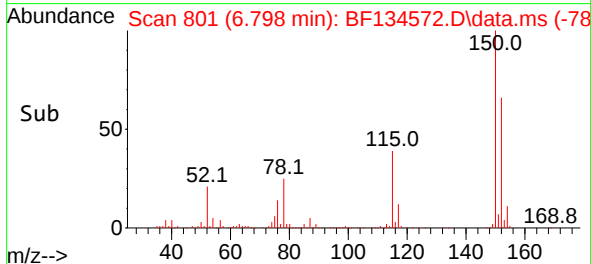


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

Instrument :
BNA_F
ClientSampleId :
SB-26-0-2-20230719

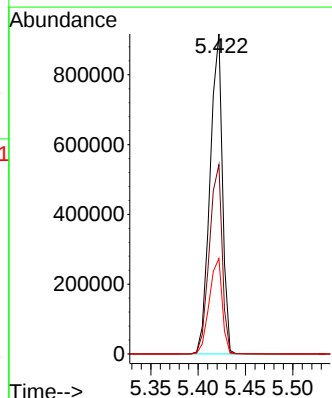
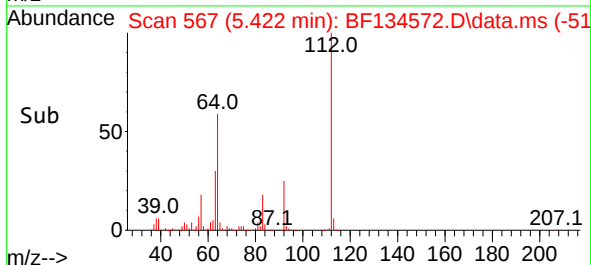
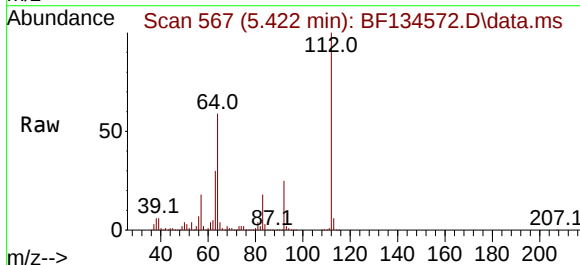


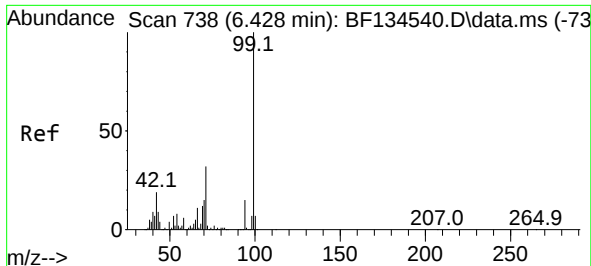
Tgt Ion:152 Resp: 195630
Ion Ratio Lower Upper
152 100
150 152.6 128.3 192.5
115 59.3 52.4 78.6



#5
2-Fluorophenol
Concen: 64.687 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

Tgt Ion:112 Resp: 832487
Ion Ratio Lower Upper
112 100
64 59.1 44.9 67.3
63 29.9 25.4 38.0

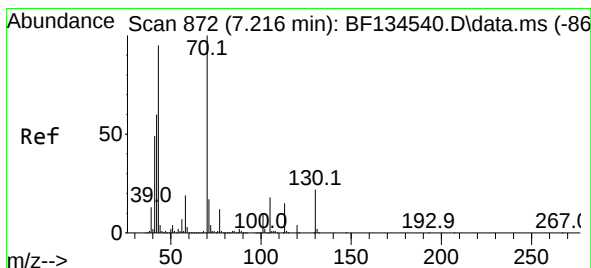
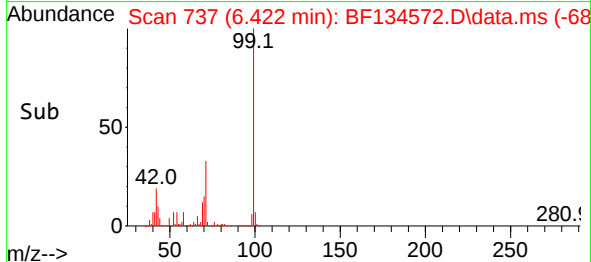
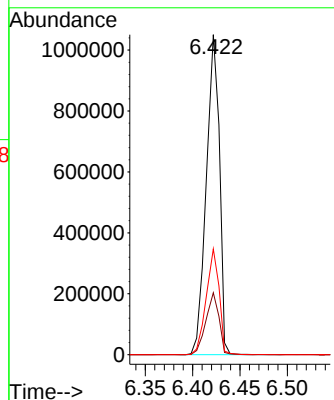
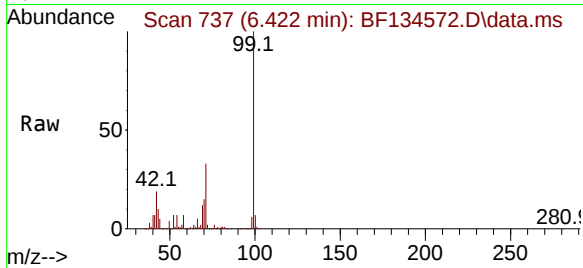




#7
Phenol-d6
Concen: 61.606 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

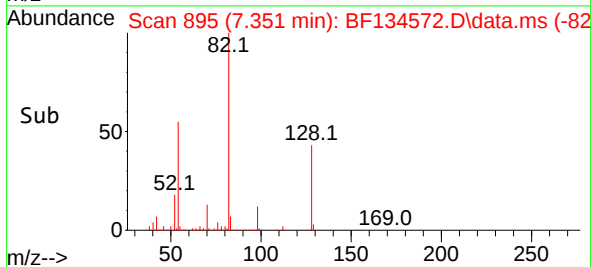
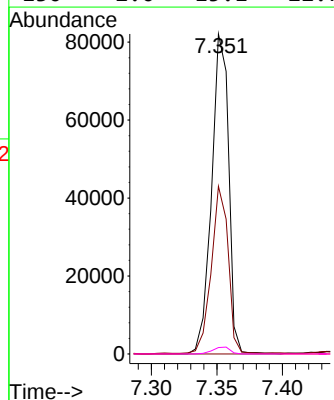
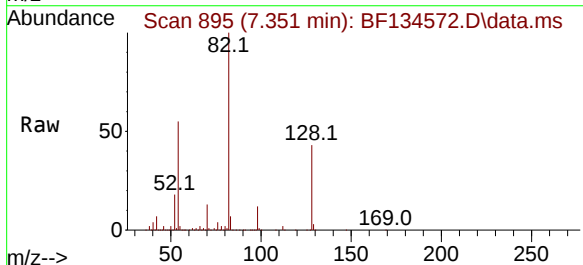
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ClientSampleId :
SB-26-0-2-20230719

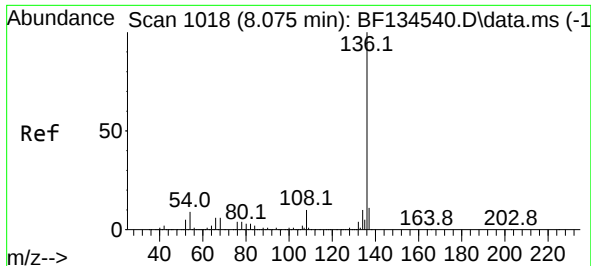
Tgt Ion: 99 Resp: 1013502
Ion Ratio Lower Upper
99 100
42 19.4 18.7 28.1
71 33.0 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 7.546 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

Tgt Ion: 70 Resp: 74325
Ion Ratio Lower Upper
70 100
42 52.4 54.7 82.1#
101 0.0 8.2 12.2#
130 2.0 15.1 22.7#

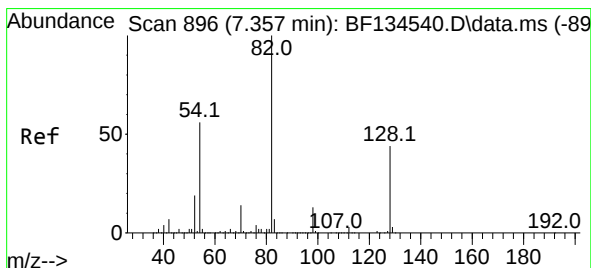
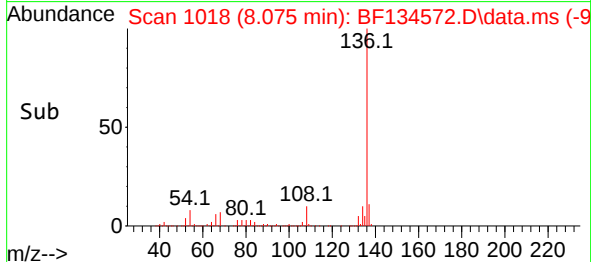
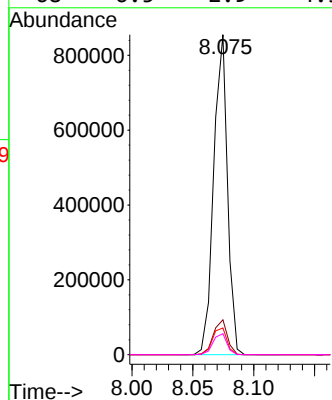
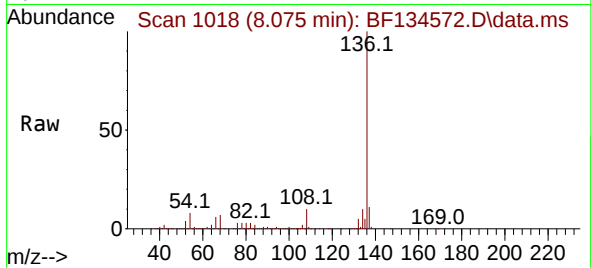




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

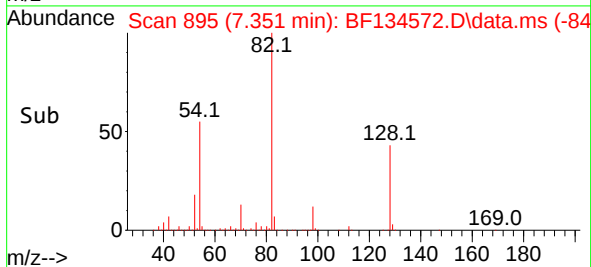
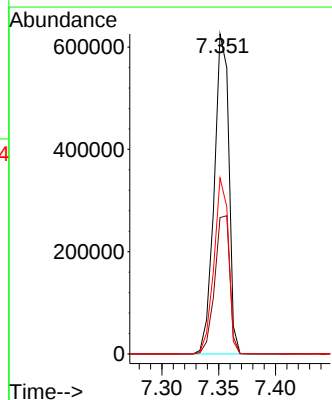
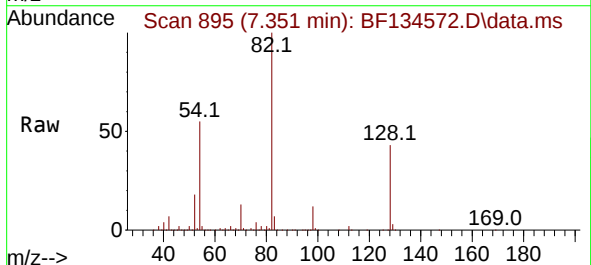
Instrument :
BNA_F
ClientSampleId :
SB-26-0-2-20230719

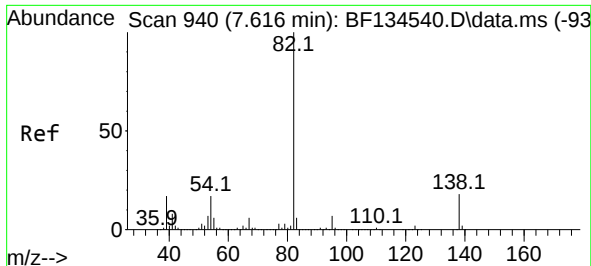
Tgt Ion:136	Resp: 674528
Ion Ratio	Lower Upper
136 100	
137 10.9	8.4 12.6
54 8.4	5.2 7.8#
68 6.5	2.9 4.3#



#23
Nitrobenzene-d5
Concen: 52.063 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

Tgt Ion: 82	Resp: 561948
Ion Ratio	Lower Upper
82 100	
128 42.6	34.3 51.5
54 55.0	43.8 65.6

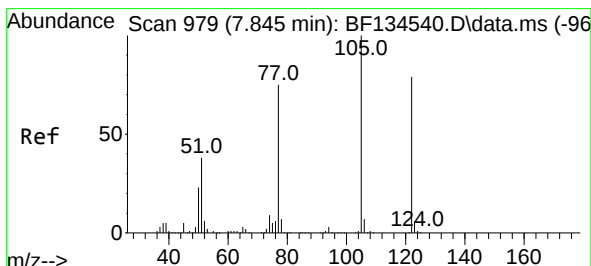
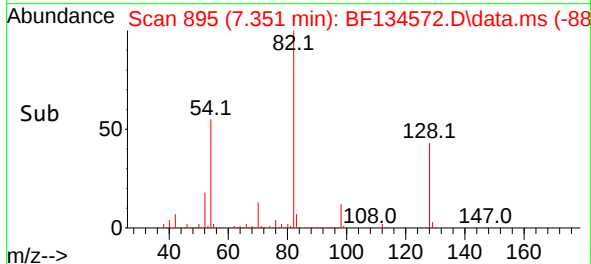
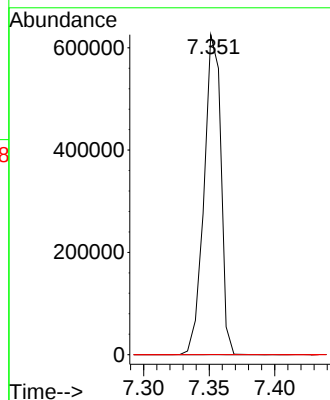
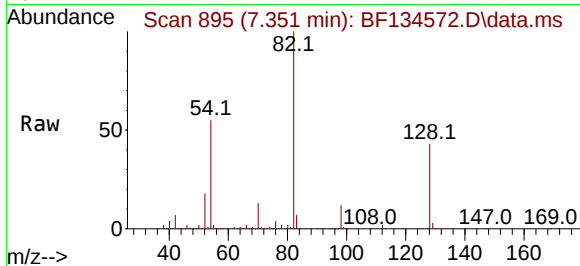




#25
Isophorone
Concen: 23.866 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

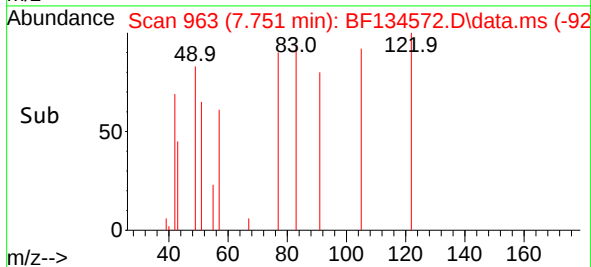
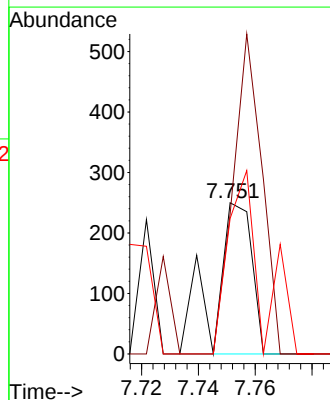
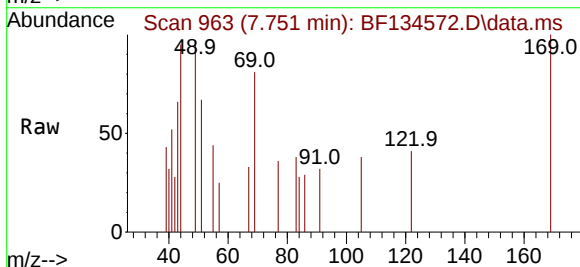
Instrument :
BNA_F
ClientSampleId :
SB-26-0-2-20230719

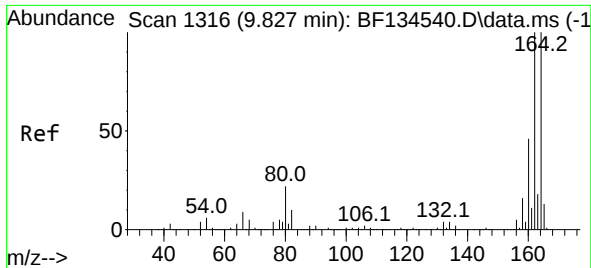
Tgt Ion: 82 Resp: 561851
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.895 ng
RT: 7.751 min Scan# 963
Delta R.T. -0.094 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

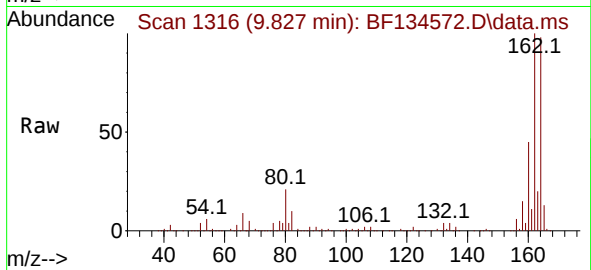
Tgt Ion: 122 Resp: 229
Ion Ratio Lower Upper
122 100
105 92.4 87.5 127.5
77 89.6 71.4 111.4



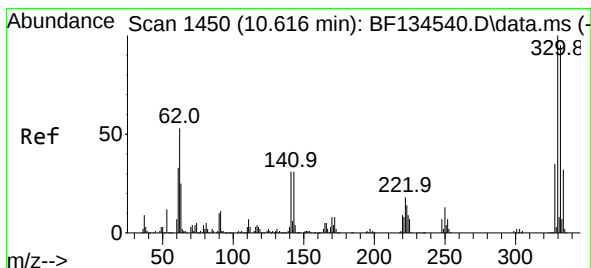
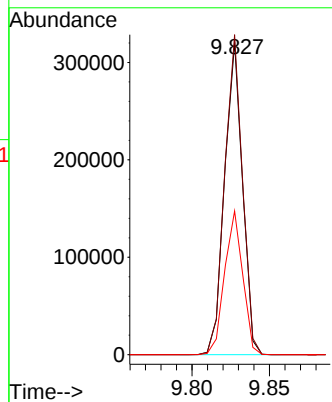
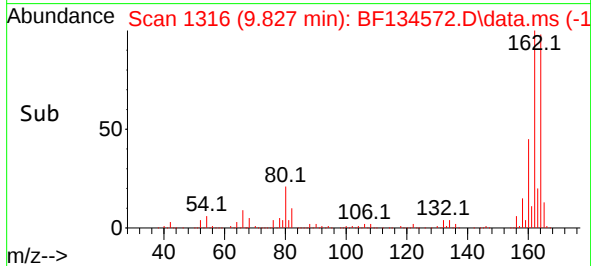


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

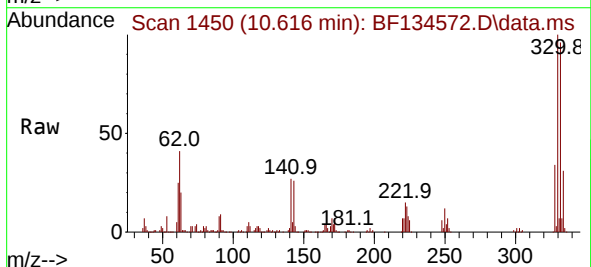
Instrument :
BNA_F
ClientSampleId :
SB-26-0-2-20230719



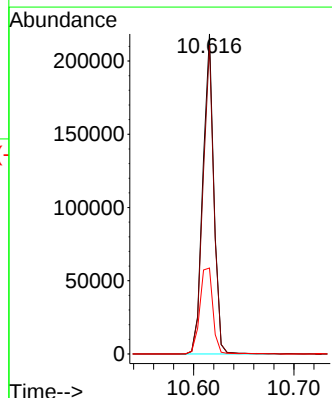
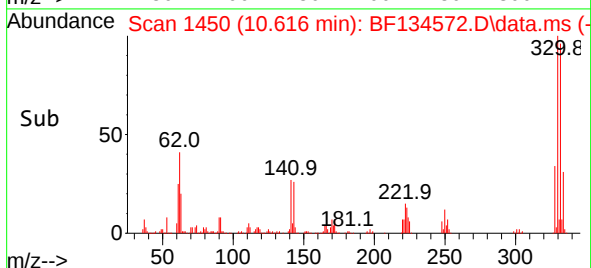
Tgt Ion:164 Resp: 257241
Ion Ratio Lower Upper
164 100
162 102.5 82.6 123.8
160 46.0 37.2 55.8

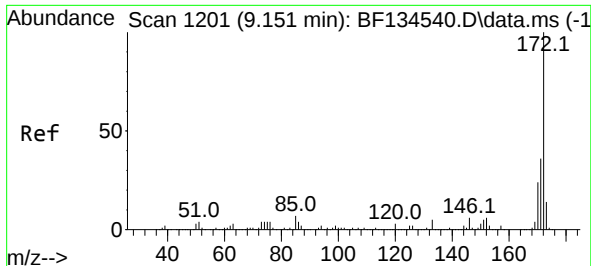


#42
2,4,6-Tribromophenol
Concen: 63.217 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51



Tgt Ion:330 Resp: 165776
Ion Ratio Lower Upper
330 100
332 95.9 78.8 118.2
141 32.3 25.4 38.2

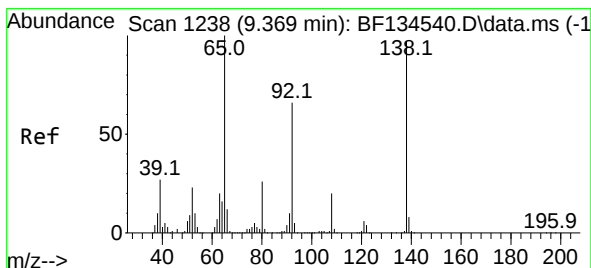
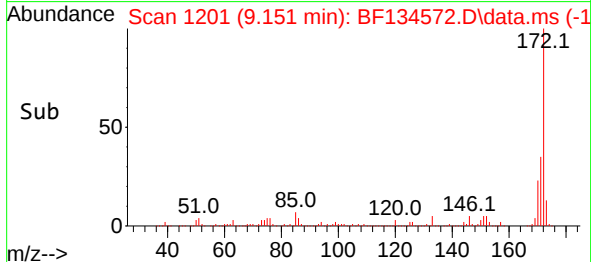
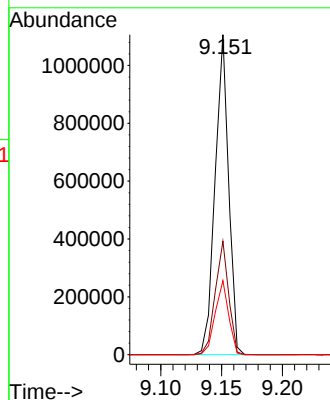
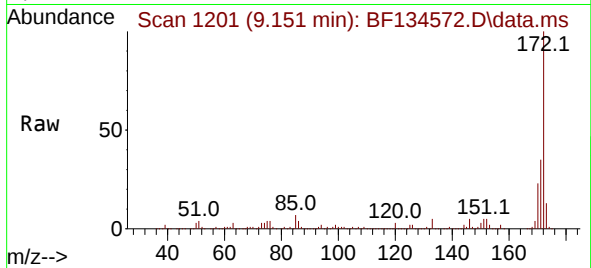




#45
2-Fluorobiphenyl
Concen: 55.340 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

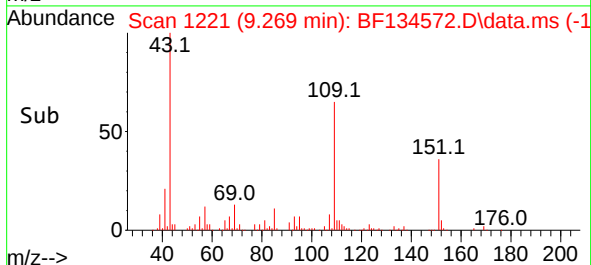
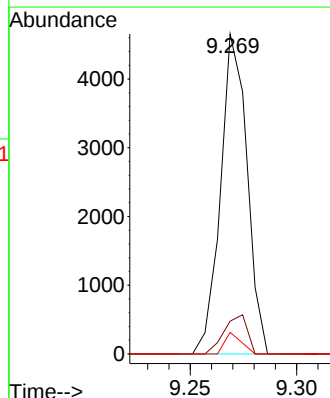
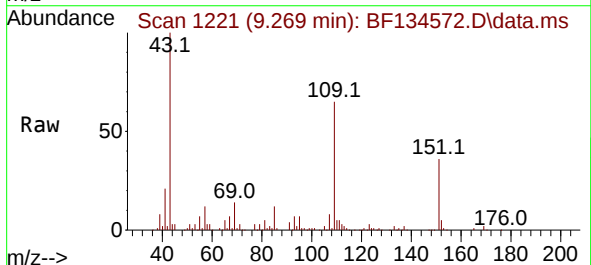
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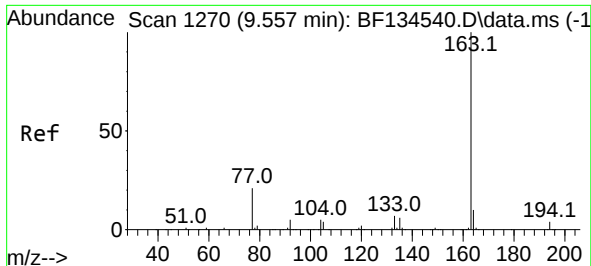
Tgt Ion:172 Resp: 856182
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.2 18.7 28.1



#48
2-Nitroaniline
Concen: 3.972 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.100 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

Tgt Ion: 65 Resp: 4030
Ion Ratio Lower Upper
65 100
92 10.3 50.7 76.1#
138 6.7 78.2 117.4#

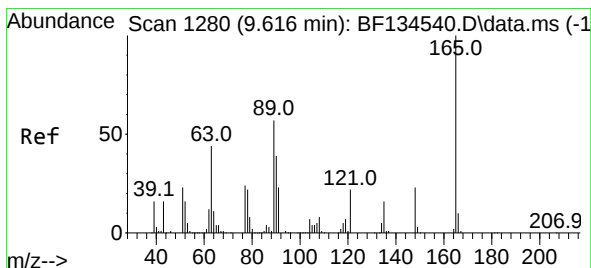
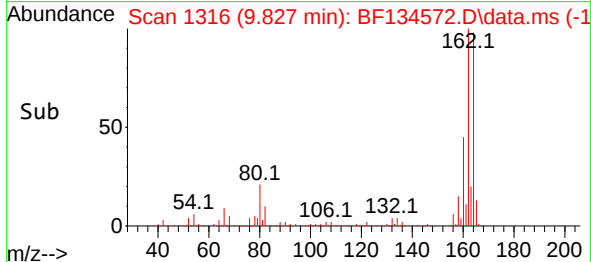
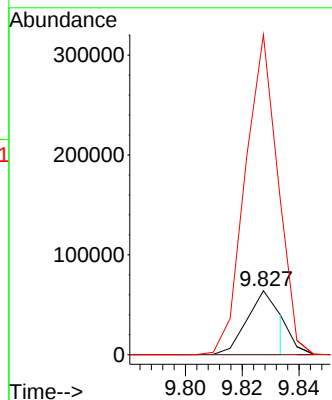
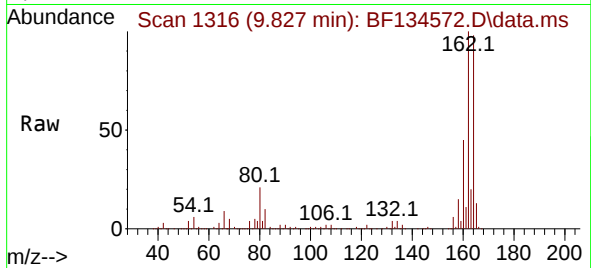




#50
Dimethylphthalate
Concen: 2.930 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.270 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

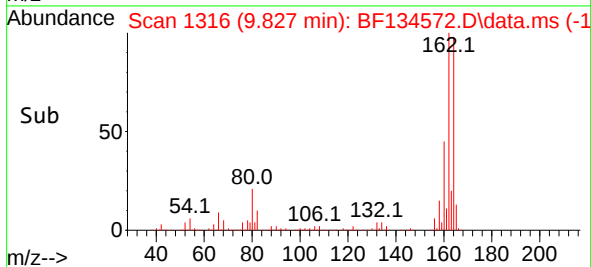
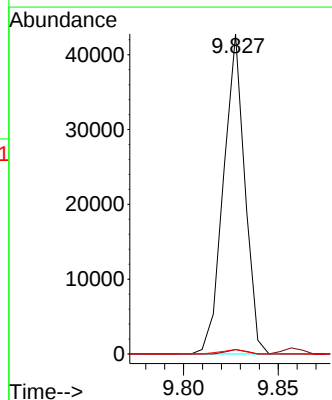
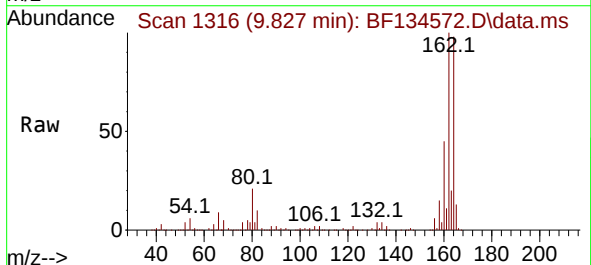
Instrument :
BNA_F
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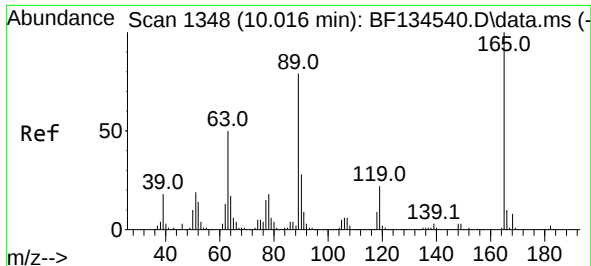
Tgt Ion:163 Resp: 51374
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 500.2 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.347 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.211 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

Tgt Ion:165 Resp: 33540
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.4 51.8 77.8#

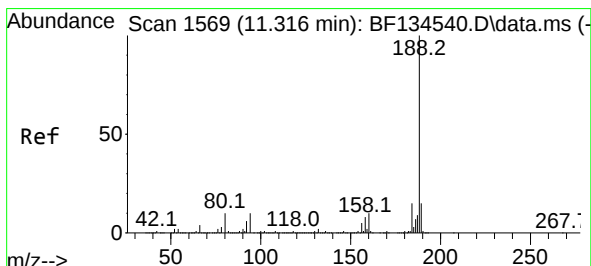
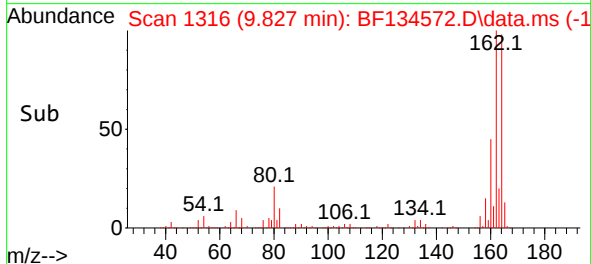
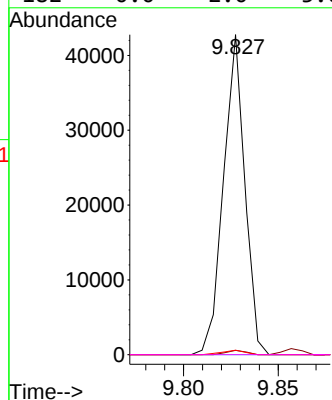
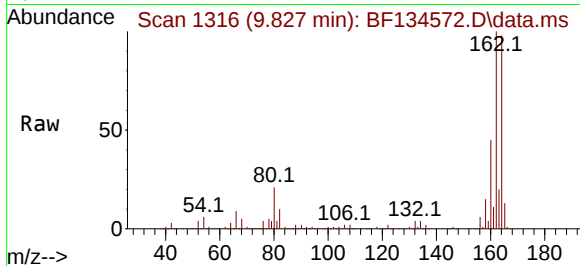




#57
2,4-Dinitrotoluene
Concen: 10.122 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

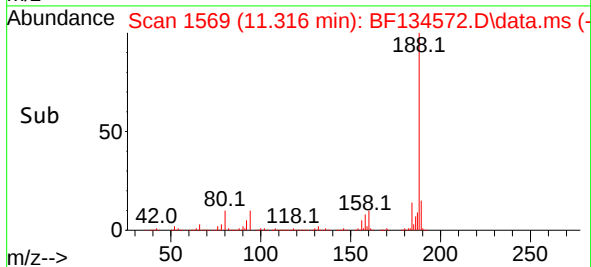
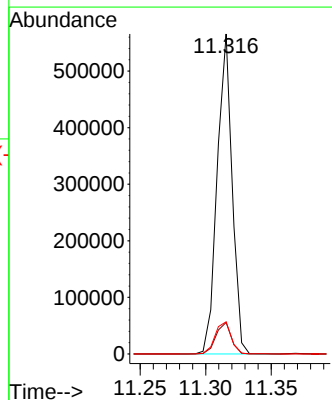
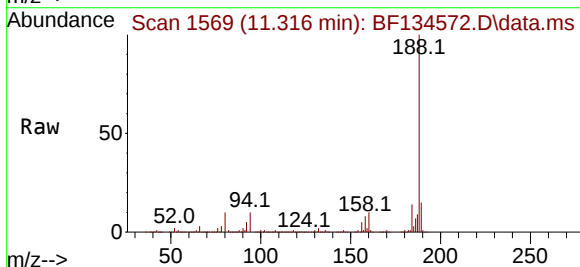
Instrument :
BNA_F
ClientSampleId :
SB-26-0-2-20230719

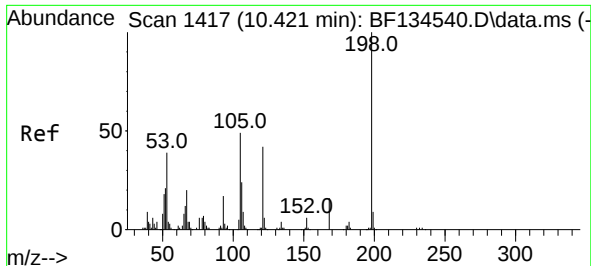
Tgt Ion:165 Resp: 33540
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.4 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

Tgt Ion:188 Resp: 447520
Ion Ratio Lower Upper
188 100
94 9.8 5.1 7.7#
80 10.1 6.6 9.8#





#65

4,6-Dinitro-2-methylphenol

Concen: 8.826 ng

RT: 10.610 min Scan# 1417

Delta R.T. 0.189 min

Lab File: BF134572.D

Acq: 02 Aug 2023 10:51

Instrument :

BNA_F

ClientSampleId :

SB-26-0-2-20230719

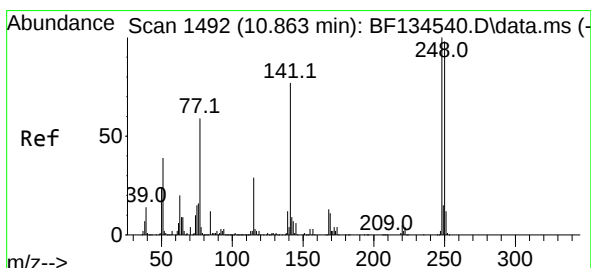
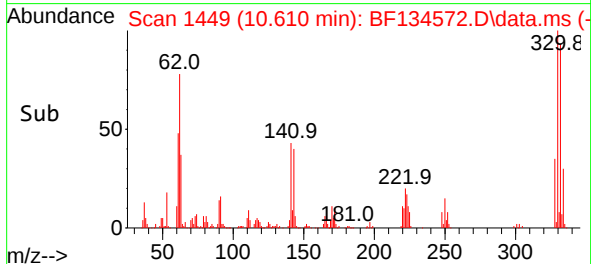
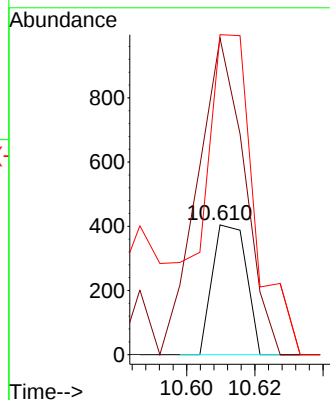
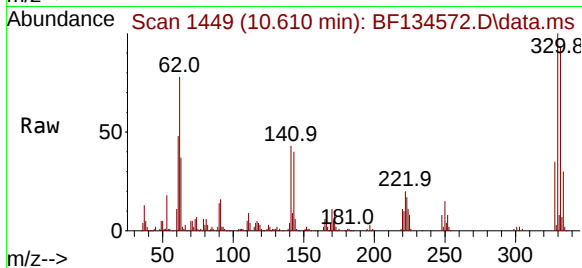
Tgt Ion:198 Resp: 280

Ion Ratio Lower Upper

198 100

51 244.1 38.6 78.6#

105 246.8 27.9 67.9#



#67

4-Bromophenyl-phenylether

Concen: 2.200 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.247 min

Lab File: BF134572.D

Acq: 02 Aug 2023 10:51

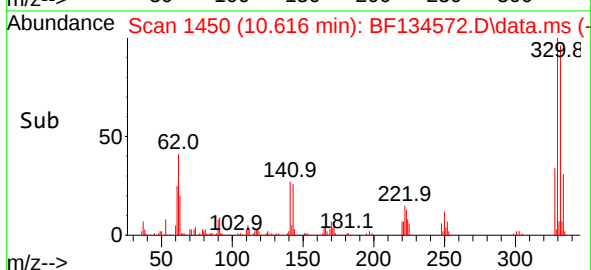
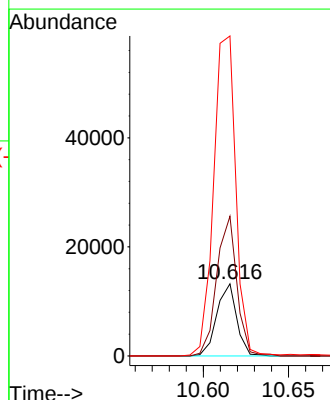
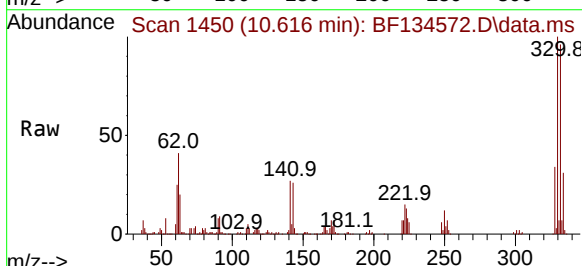
Tgt Ion:248 Resp: 10779

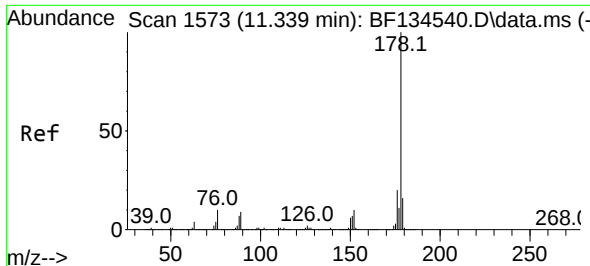
Ion Ratio Lower Upper

248 100

250 193.6 79.6 119.4#

141 443.3 59.6 89.4#

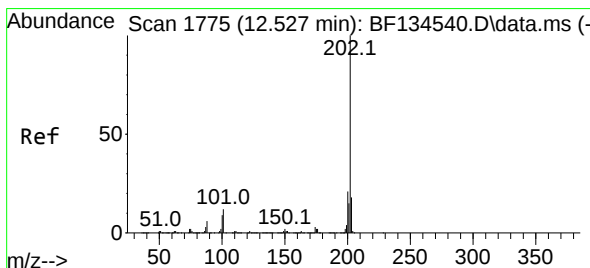
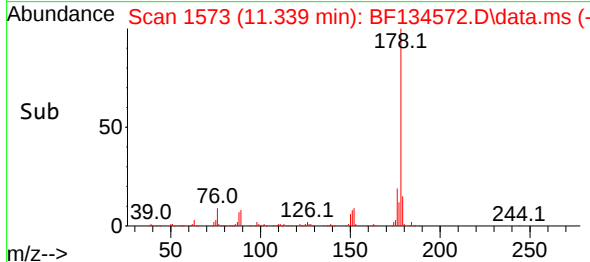
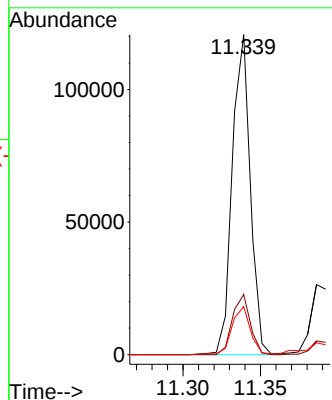
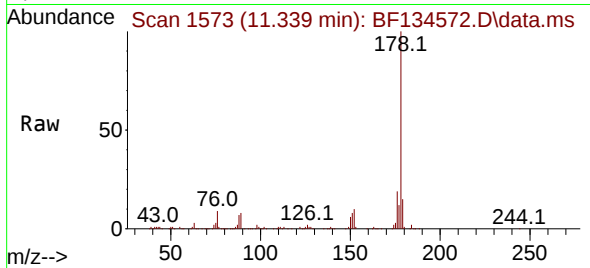




#71
Phenanthrene
Concen: 4.112 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

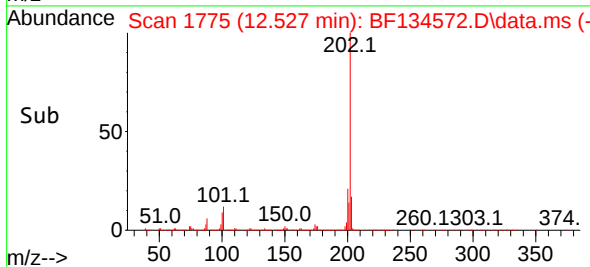
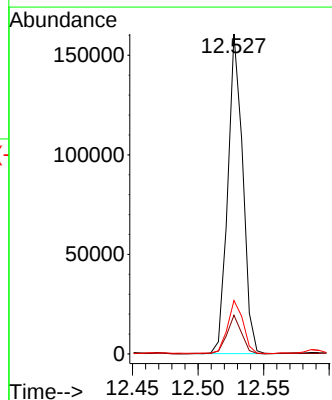
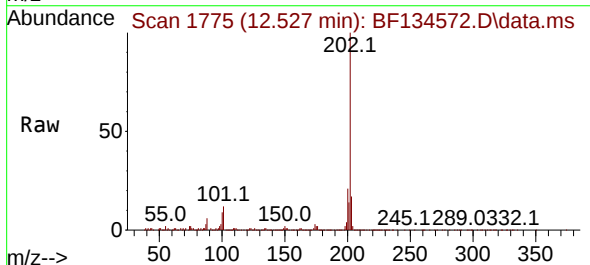
Instrument :
BNA_F
ClientSampleId :
SB-26-0-2-20230719

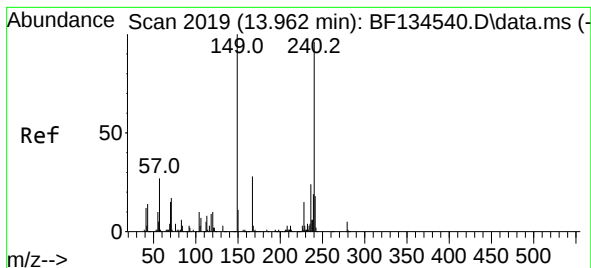
Tgt Ion:178 Resp: 97741
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.6
179 15.1 12.7 19.1



#75
Fluoranthene
Concen: 5.064 ng
RT: 12.527 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

Tgt Ion:202 Resp: 127141
Ion Ratio Lower Upper
202 100
101 12.1 0.0 28.5
203 16.7 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF134572.D

Acq: 02 Aug 2023 10:51

Instrument :

BNA_F

ClientSampleId :

SB-26-0-2-20230719

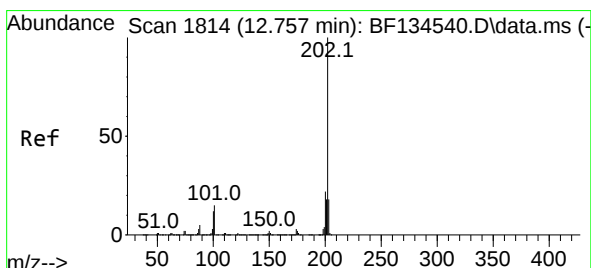
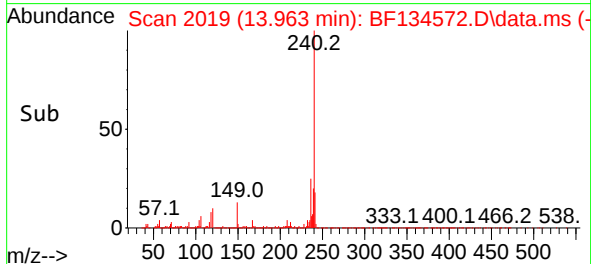
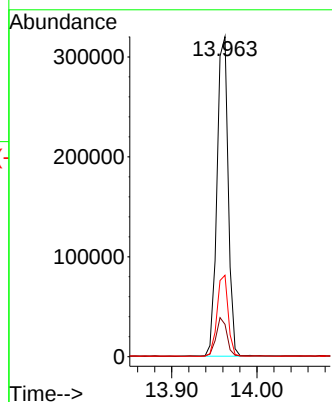
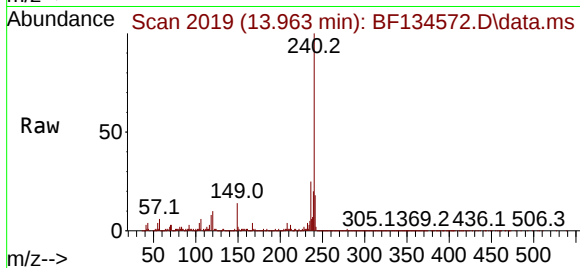
Tgt Ion:240 Resp: 292161

Ion Ratio Lower Upper

240 100

120 10.1 6.6 10.0#

236 25.4 20.2 30.2



#78

Pyrene

Concen: 4.249 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF134572.D

Acq: 02 Aug 2023 10:51

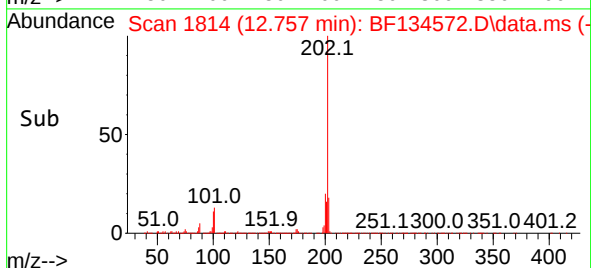
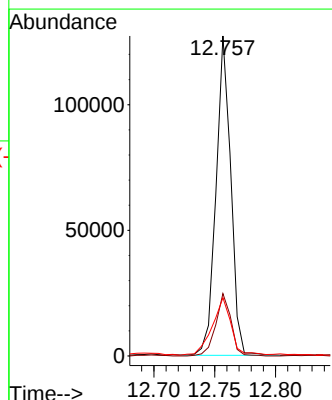
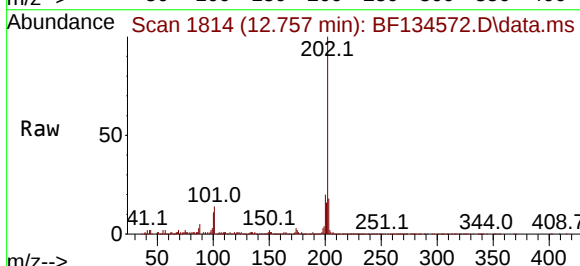
Tgt Ion:202 Resp: 107410

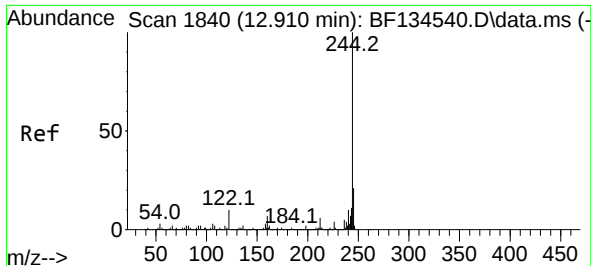
Ion Ratio Lower Upper

202 100

200 19.5 15.8 23.8

203 18.2 13.5 20.3

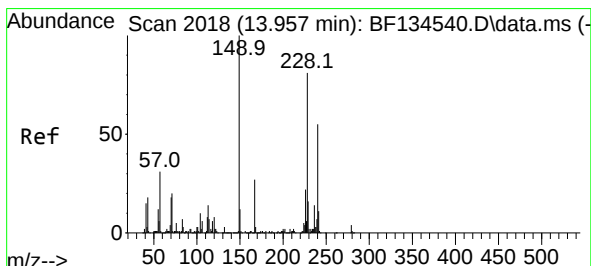
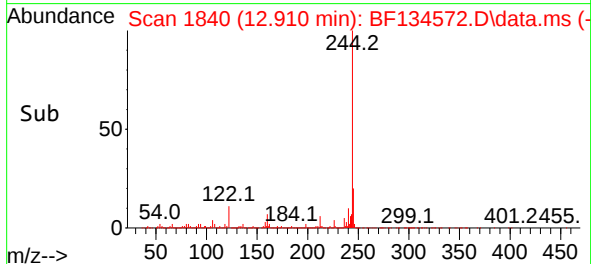
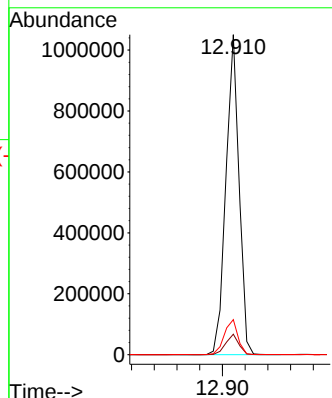
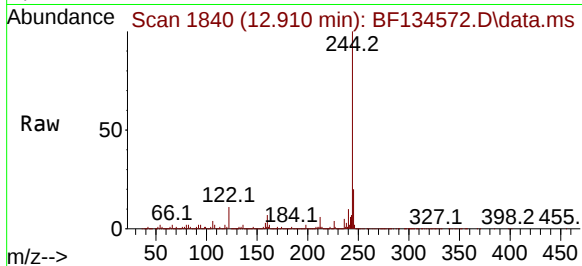




#79
 Terphenyl-d14
 Concen: 50.941 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF134572.D
 Acq: 02 Aug 2023 10:51

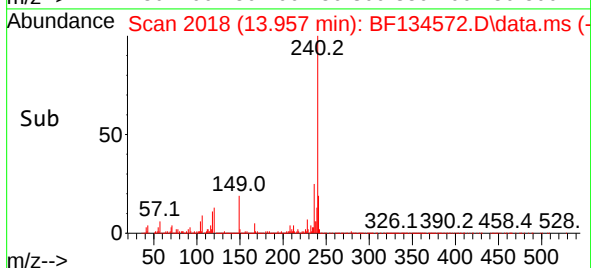
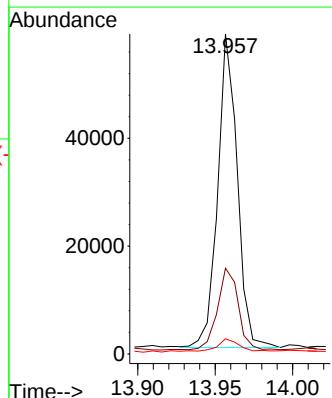
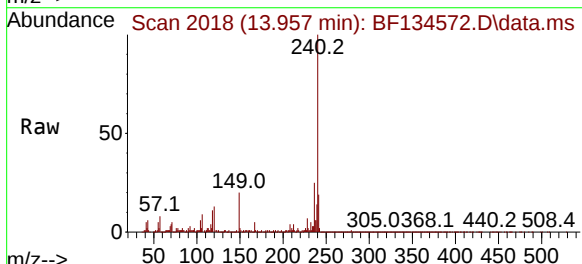
Instrument :
 BNA_F
 ClientSampleId :
 SB-26-0-2-20230719

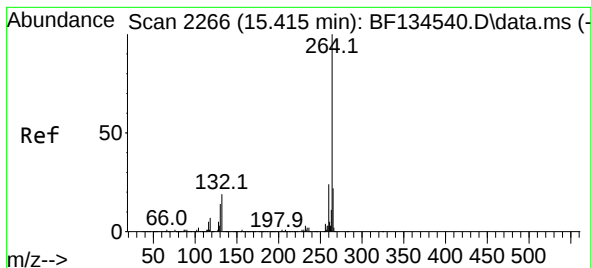
Tgt Ion:244 Resp: 844249
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.9 8.0 12.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.068 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: BF134572.D
 Acq: 02 Aug 2023 10:51

Tgt Ion:149 Resp: 50983
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.6 32.4
 279 4.8 3.5 5.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF134572.D

Acq: 02 Aug 2023 10:51

Instrument :

BNA_F

ClientSampleId :

SB-26-0-2-20230719

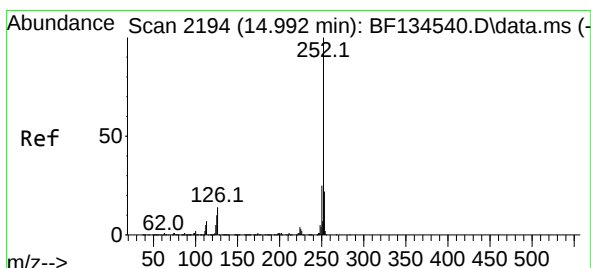
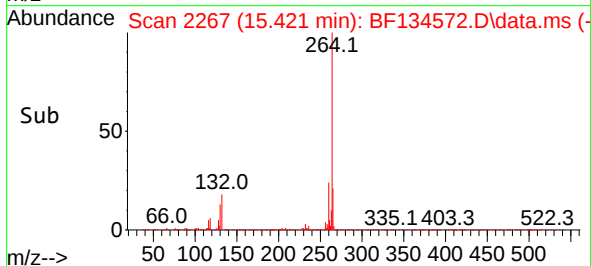
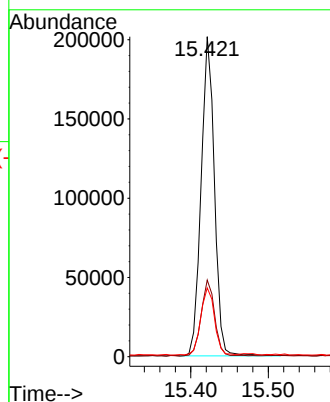
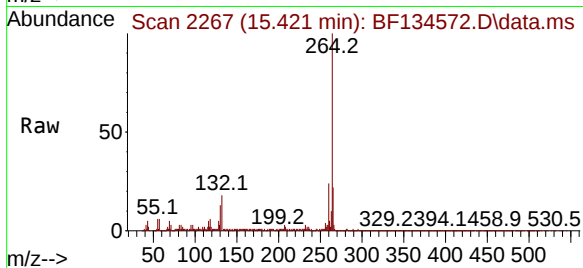
Tgt Ion:264 Resp: 239551

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.5 15.8 23.8



#88

Benzo(b)fluoranthene

Concen: 3.289 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BF134572.D

Acq: 02 Aug 2023 10:51

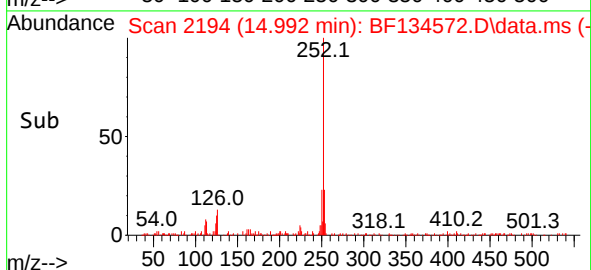
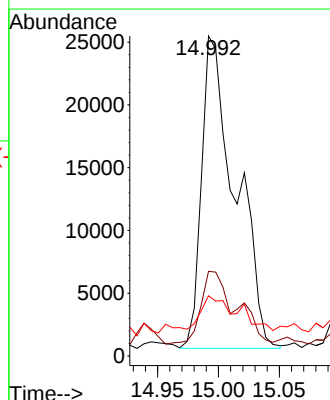
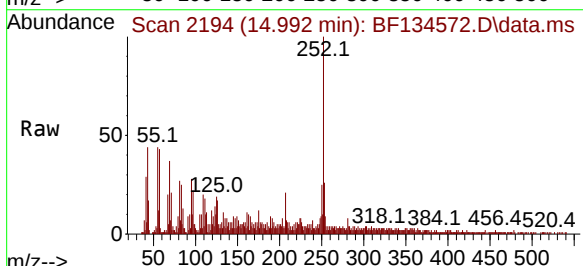
Tgt Ion:252 Resp: 48050

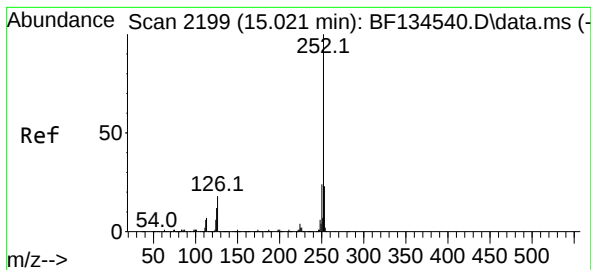
Ion Ratio Lower Upper

252 100

253 26.5 17.3 25.9#

125 18.8 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 3.302 ng

RT: 14.992 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF134572.D

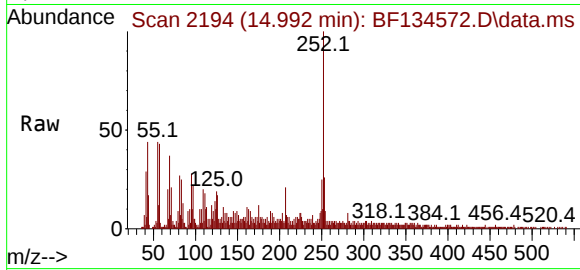
Acq: 02 Aug 2023 10:51

Instrument :

BNA_F

ClientSampleId :

SB-26-0-2-20230719



Tgt Ion:252 Resp: 48050

Ion Ratio Lower Upper

252 100

253 26.5 17.9 26.9

125 18.8 6.3 9.5#

