

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134571.D
 Acq On : 02 Aug 2023 10:20
 Operator : CG\JU
 Sample : 03835-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-072823

Quant Time: Aug 02 10:41:17 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)

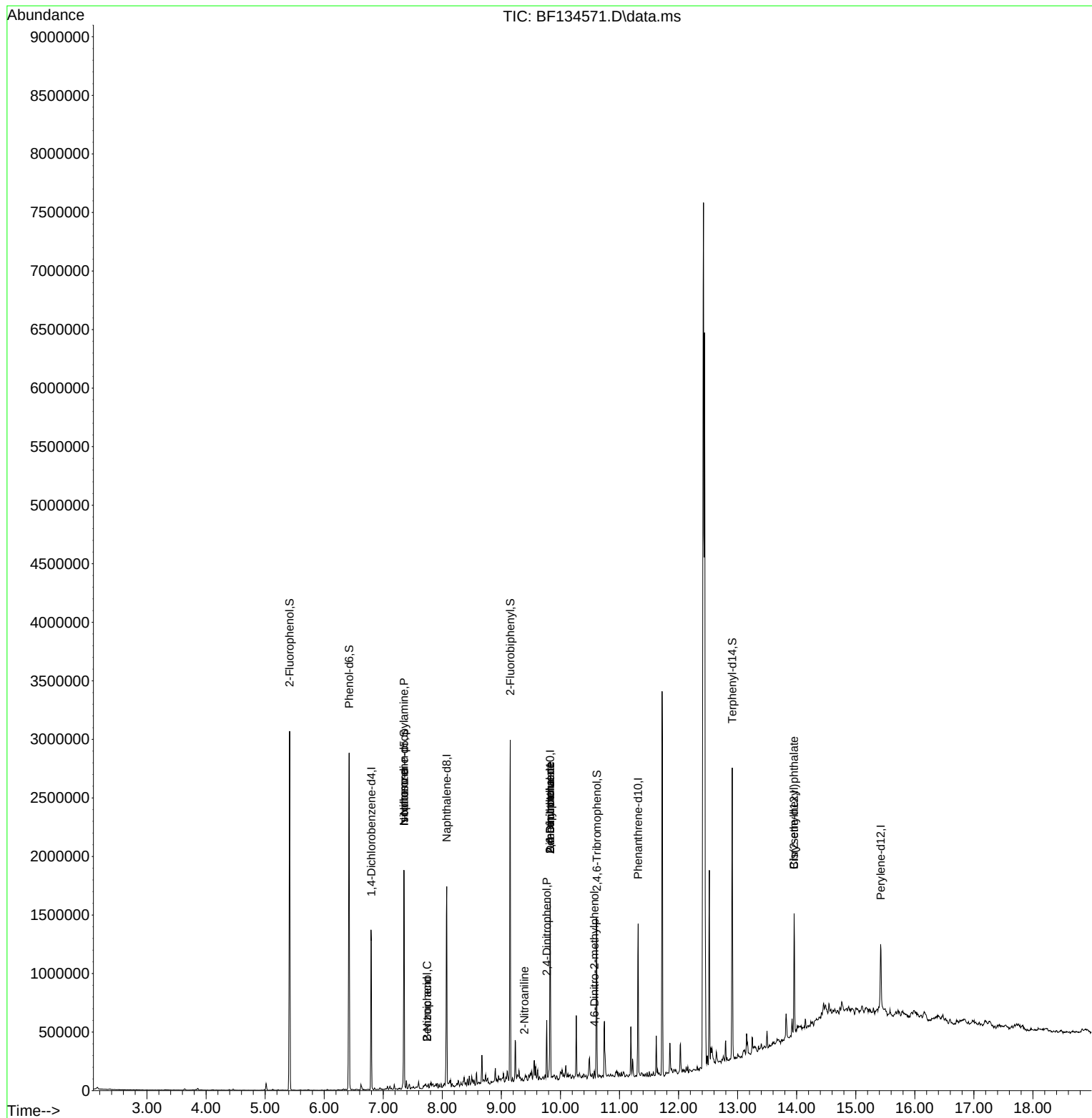
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	193730	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	680740	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	262015	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	454321	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	299204	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	246342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	768529	60.303	ng	0.00
7) Phenol-d6	6.422	99	942190	57.833	ng	0.00
23) Nitrobenzene-d5	7.351	82	520972	47.826	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	149318	55.904	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	819472	52.002	ng	0.00
79) Terphenyl-d14	12.910	244	789691	46.527	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.357	77	264	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.351	70	68667	7.040 ng	#	76
25) Isophorone	7.351	82	519930	21.884 ng	#	65
26) 2-Nitrophenol	7.745	139	70	4.805 ng	#	1
32) Benzoic acid	7.745	122	171	7.888 ng	#	1
48) 2-Nitroaniline	9.392	65	303	3.226 ng	#	12
50) Dimethylphthalate	9.827	163	54109	3.030 ng	#	1
51) 2,6-Dinitrotoluene	9.827	165	35206	11.617 ng	#	18
54) 2,4-Dinitrophenol	9.769	184	57	6.833 ng	#	1
57) 2,4-Dinitrotoluene	9.827	165	35206	10.344 ng	#	18
65) 4,6-Dinitro-2-methylph...	10.574	198	157	8.769 ng	#	1
84) Bis(2-ethylhexyl)phtha...	13.957	149	21731	2.109 ng	#	88

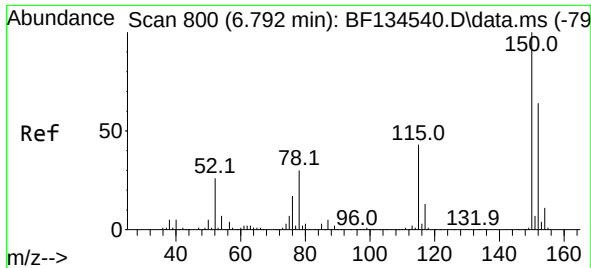
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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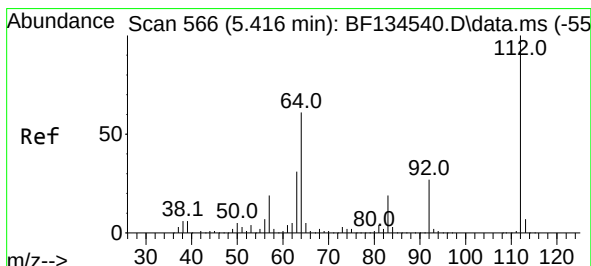
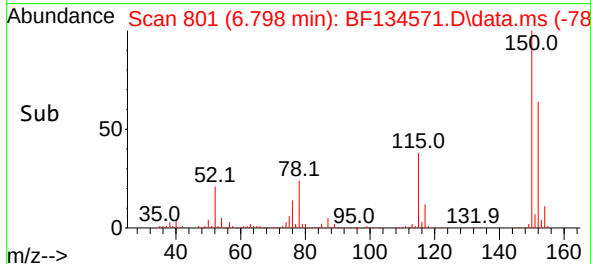
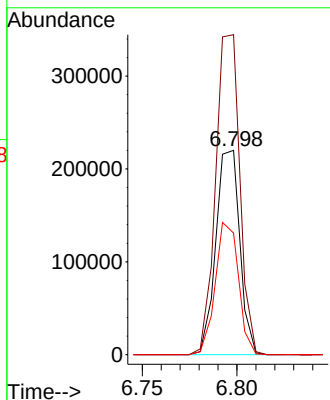
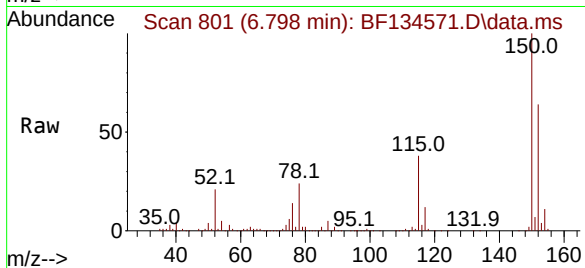




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: BF134571.D
 Acq: 02 Aug 2023 10:20

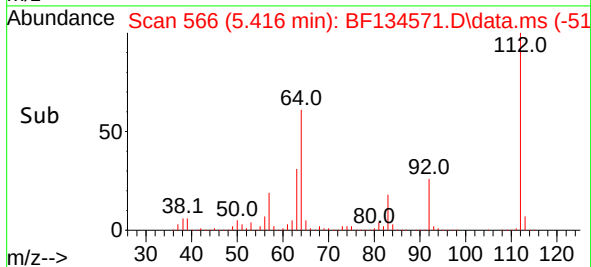
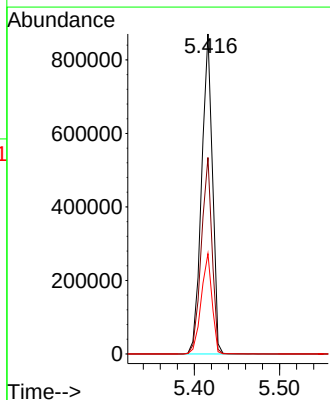
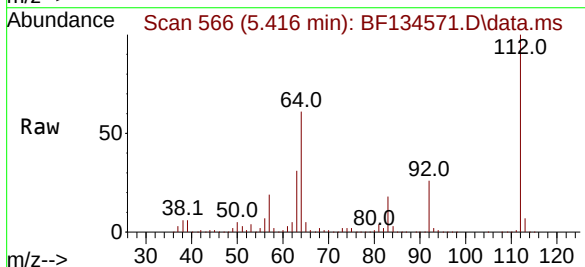
Instrument :
 BNA_F
 ClientSampleId :
 HR-01-072823

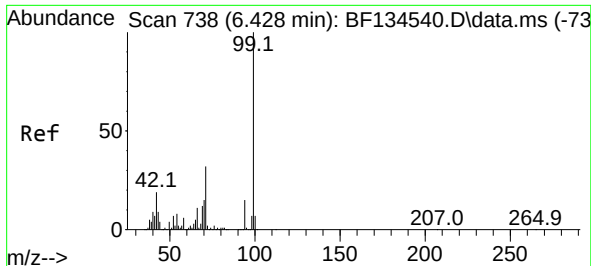
Tgt Ion:152 Resp: 193730
 Ion Ratio Lower Upper
 152 100
 150 156.6 128.3 192.5
 115 59.6 52.4 78.6



#5
 2-Fluorophenol
 Concen: 60.303 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: BF134571.D
 Acq: 02 Aug 2023 10:20

Tgt Ion:112 Resp: 768529
 Ion Ratio Lower Upper
 112 100
 64 61.4 44.9 67.3
 63 31.4 25.4 38.0

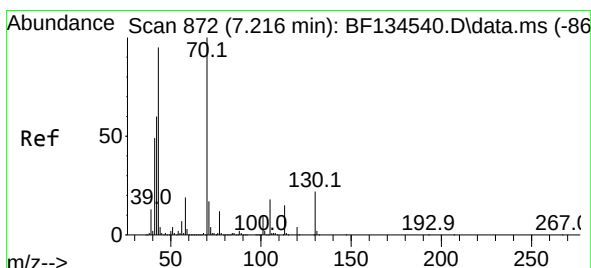
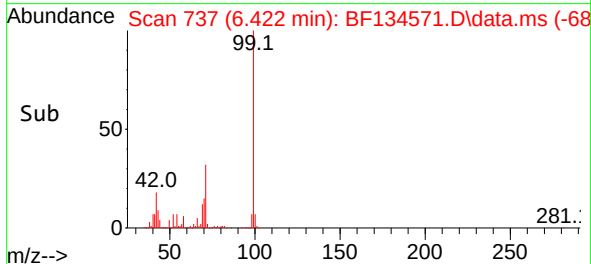
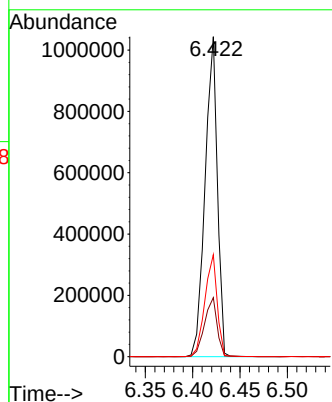
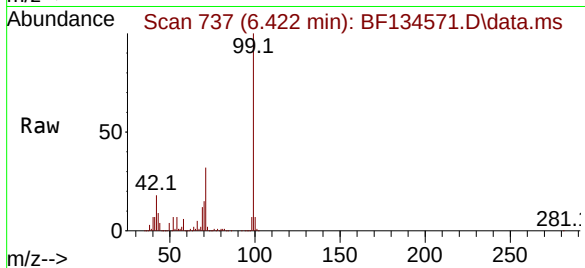




#7
Phenol-d6
Concen: 57.833 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

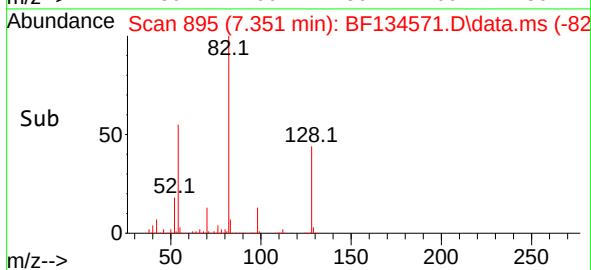
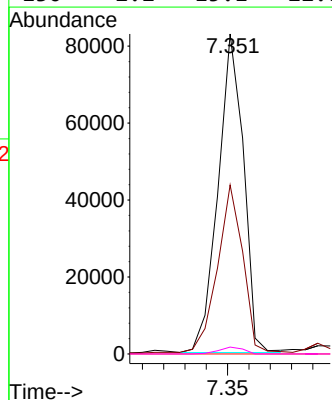
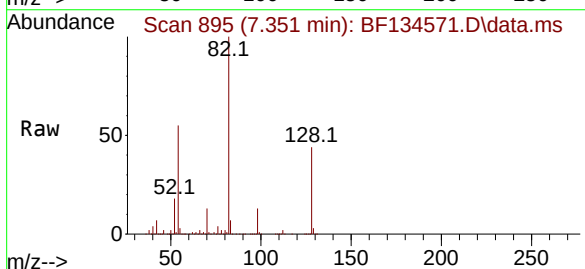
Instrument :
BNA_F
ClientSampleId :
HR-01-072823

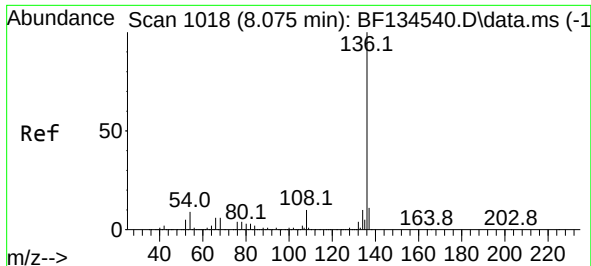
Tgt Ion: 99 Resp: 942190
Ion Ratio Lower Upper
99 100
42 18.4 18.7 28.1#
71 31.9 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 7.040 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

Tgt Ion: 70 Resp: 68667
Ion Ratio Lower Upper
70 100
42 52.8 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#

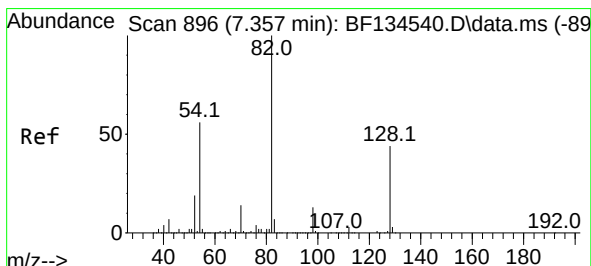
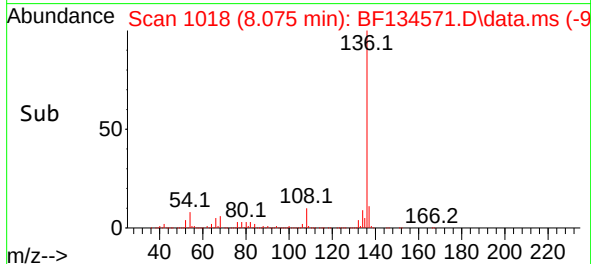
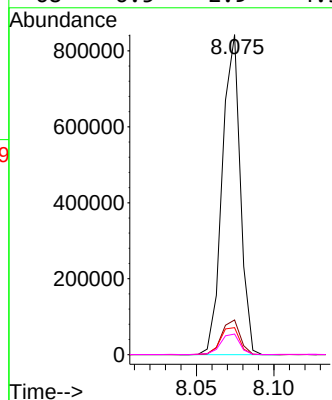
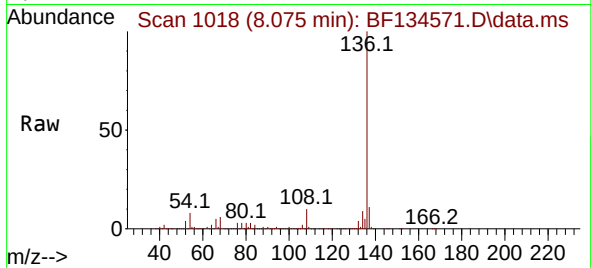




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

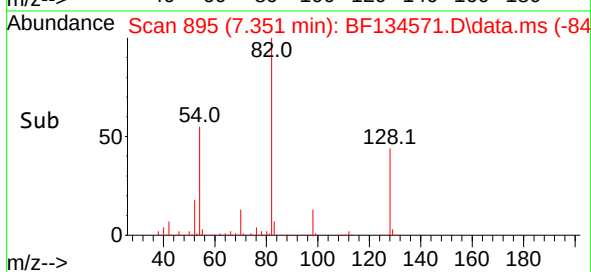
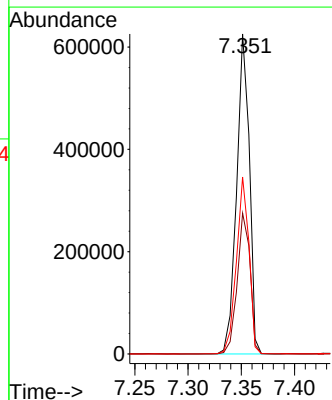
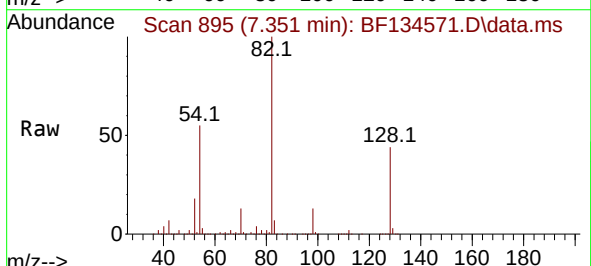
Instrument :
BNA_F
ClientSampleId :
HR-01-072823

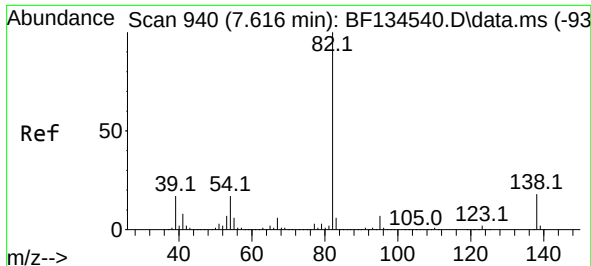
Tgt Ion:136 Resp: 680740
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.4 5.2 7.8#
68 6.5 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 47.826 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

Tgt Ion: 82 Resp: 520972
Ion Ratio Lower Upper
82 100
128 44.0 34.3 51.5
54 55.3 43.8 65.6

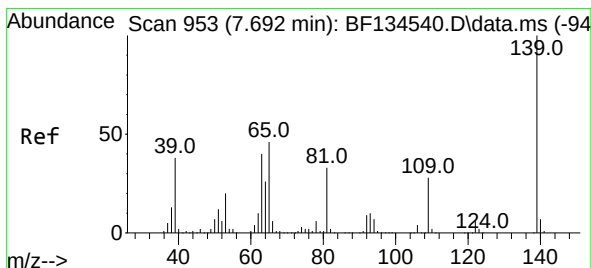
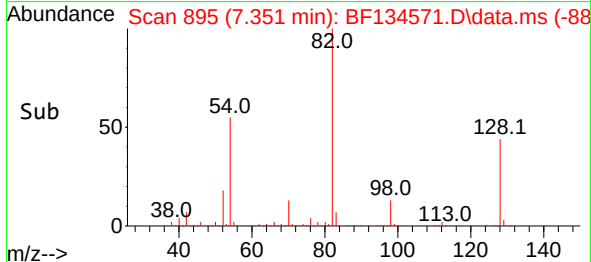
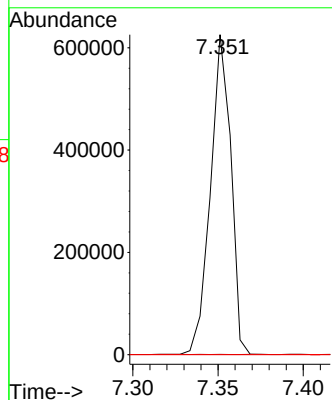
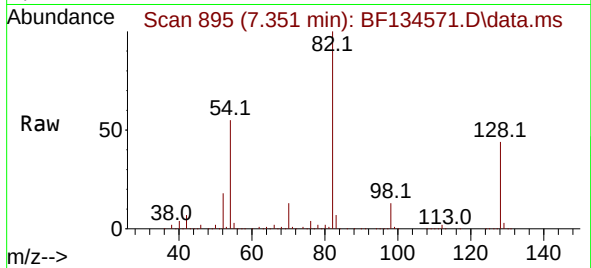




#25
Isophorone
Concen: 21.884 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

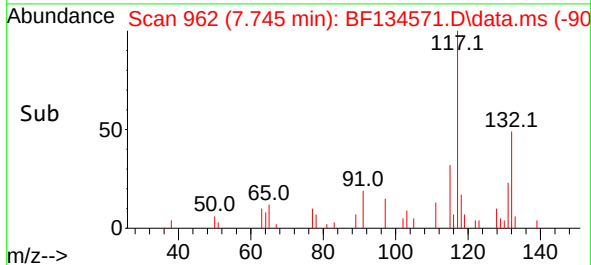
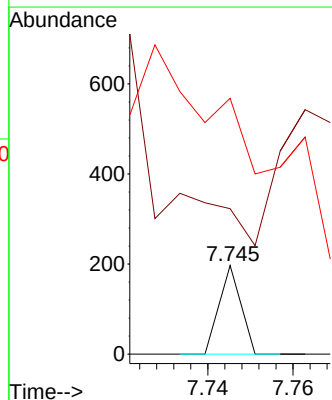
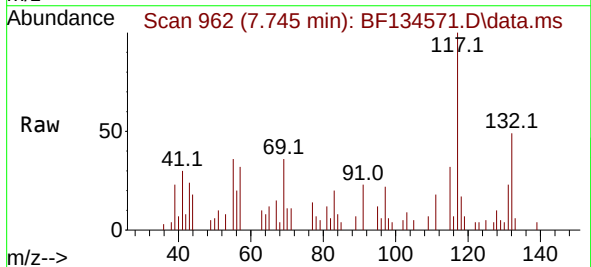
Instrument :
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ClientSampleId :
HR-01-072823

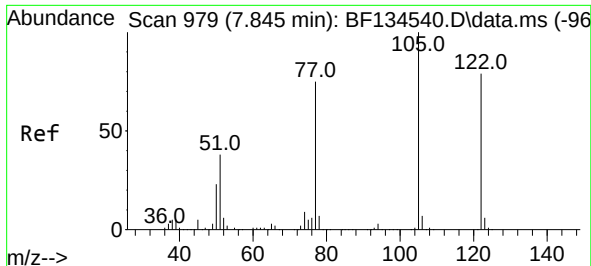
Tgt Ion: 82 Resp: 519930
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.6 22.0#



#26
2-Nitrophenol
Concen: 4.805 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.053 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

Tgt Ion:139 Resp: 70
Ion Ratio Lower Upper
139 100
109 164.0 29.8 44.6#
65 288.3 45.4 68.2#

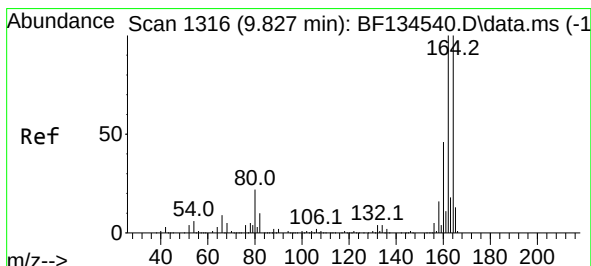
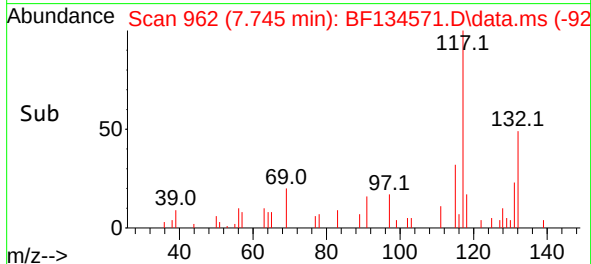
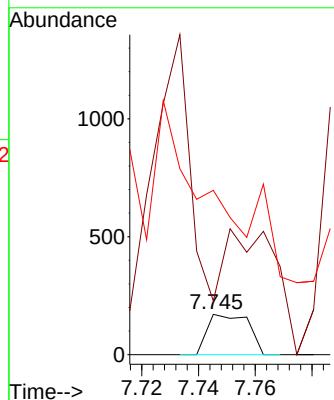
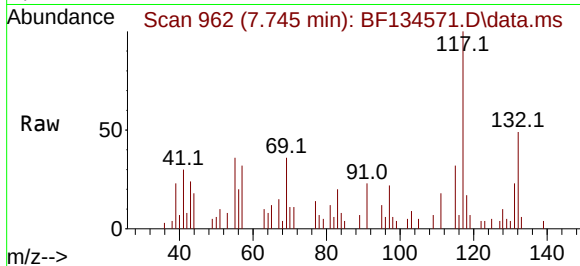




#32
Benzoic acid
Concen: 7.888 ng
RT: 7.745 min Scan# 90
Delta R.T. -0.100 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

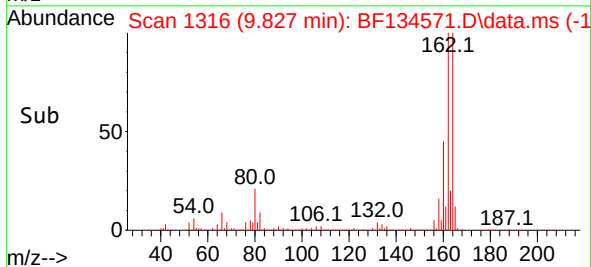
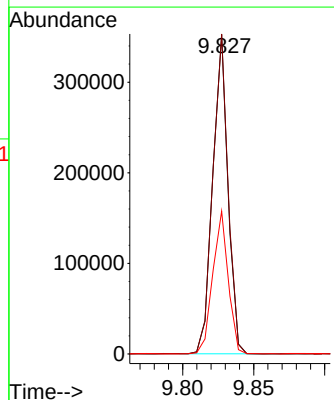
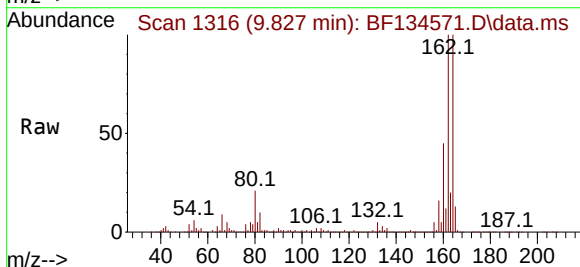
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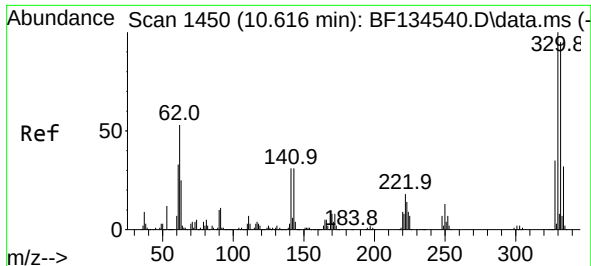
Tgt Ion:122 Resp: 171
Ion Ratio Lower Upper
122 100
105 133.3 87.5 127.5#
77 407.6 71.4 111.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

Tgt Ion:164 Resp: 262015
Ion Ratio Lower Upper
164 100
162 100.2 82.6 123.8
160 44.8 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 55.904 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF134571.D

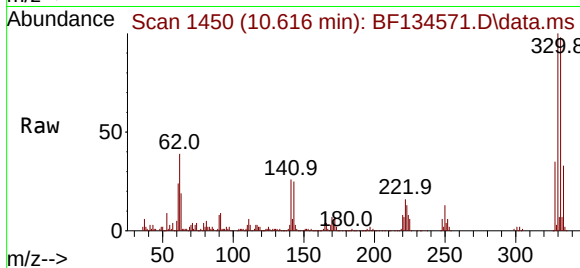
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Instrument :

BNA_F

ClientSampleId :

HR-01-072823



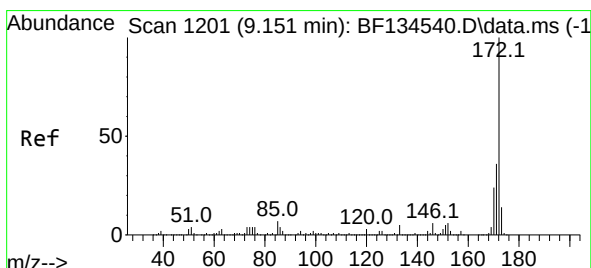
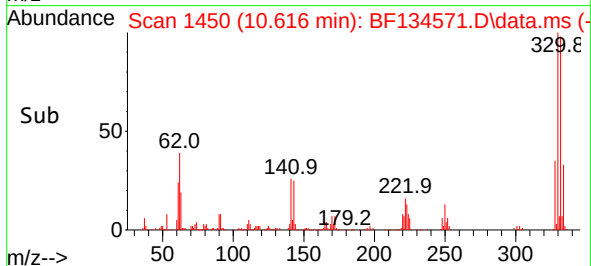
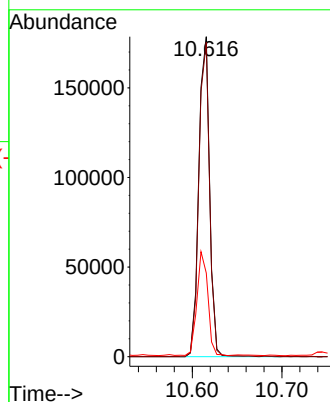
Tgt Ion:330 Resp: 149318

Ion Ratio Lower Upper

330 100

332 97.6 78.8 118.2

141 32.5 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 52.002 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF134571.D

Acq: 02 Aug 2023 10:20

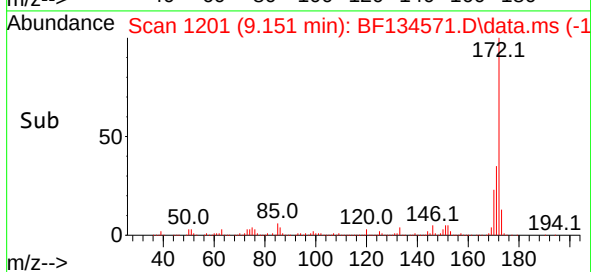
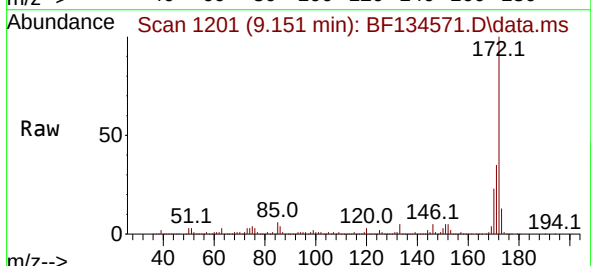
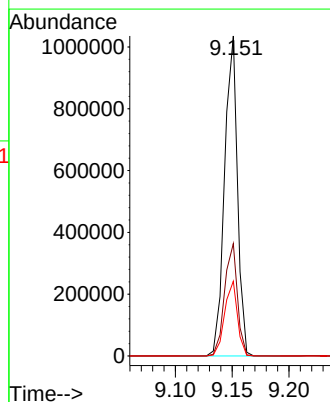
Tgt Ion:172 Resp: 819472

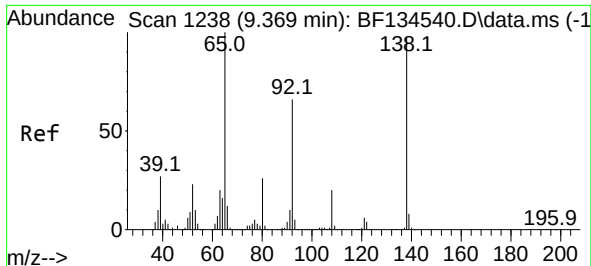
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.3 18.7 28.1

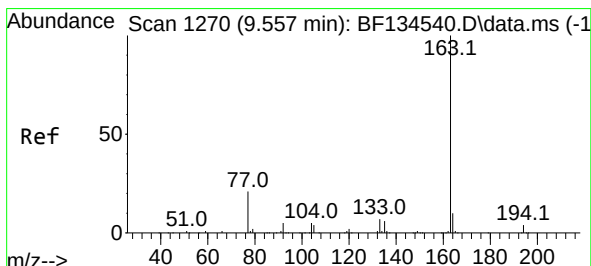
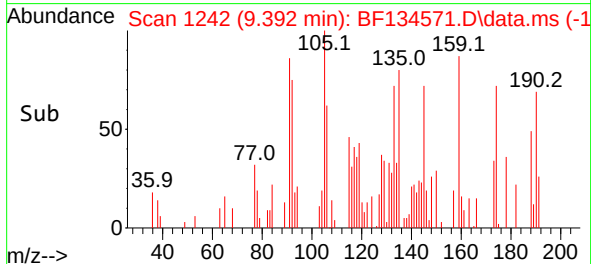
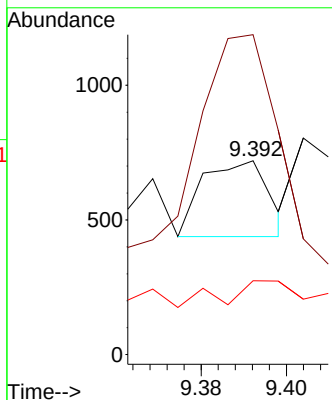
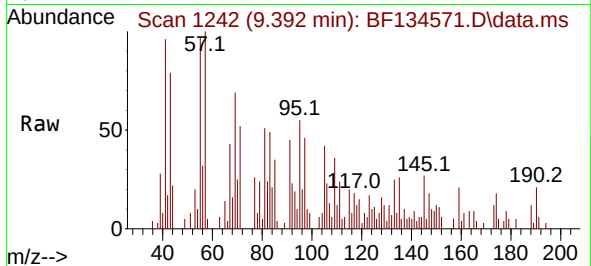




#48
2-Nitroaniline
Concen: 3.226 ng
RT: 9.392 min Scan# 1316
Delta R.T. 0.023 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

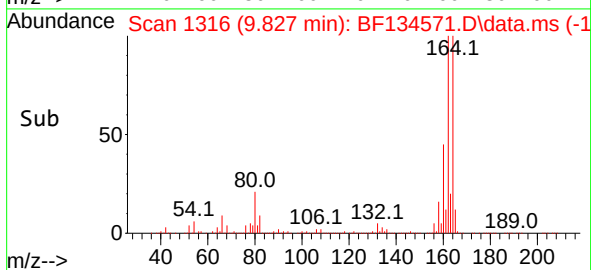
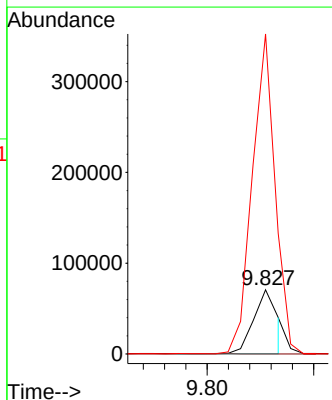
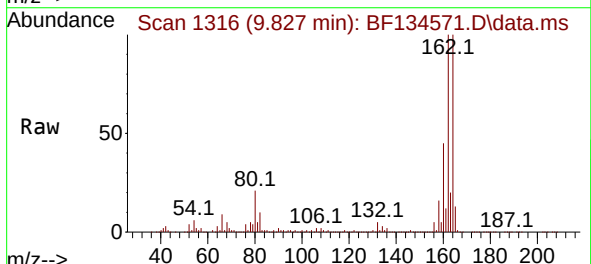
Instrument :
BNA_F
ClientSampleId :
HR-01-072823

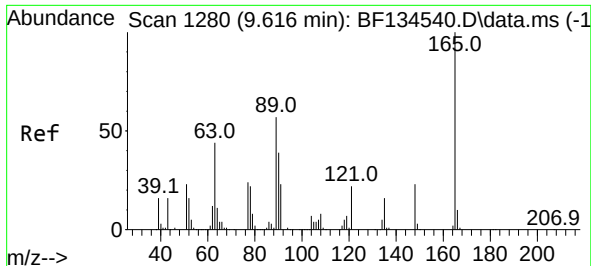
Tgt Ion: 65 Resp: 303
Ion Ratio Lower Upper
65 100
92 165.0 50.7 76.1#
138 38.1 78.2 117.4#



#50
Dimethylphthalate
Concen: 3.030 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.270 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

Tgt Ion:163 Resp: 54109
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 499.0 7.5 11.3#

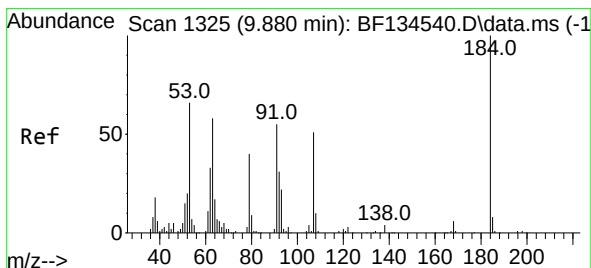
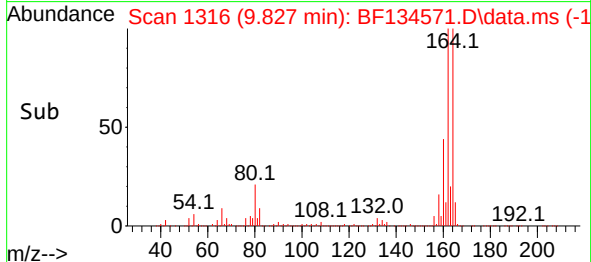
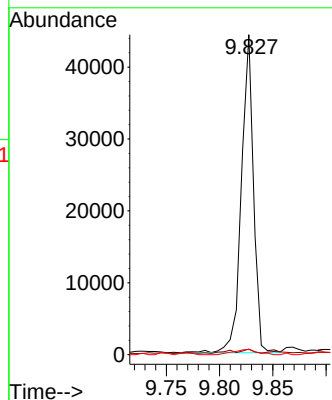
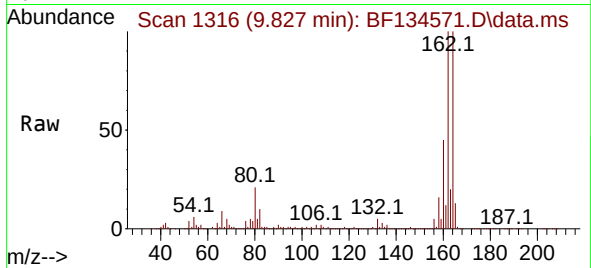




#51
2,6-Dinitrotoluene
Concen: 11.617 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

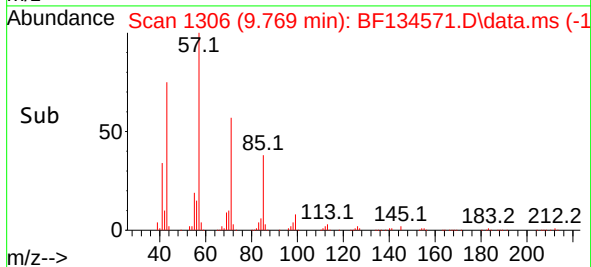
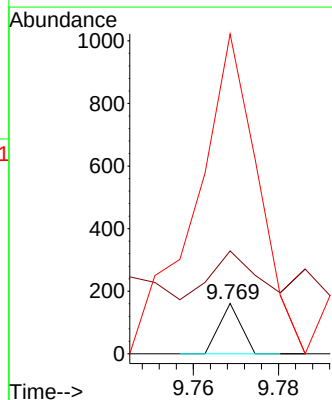
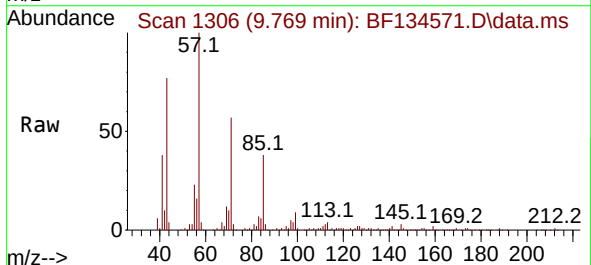
Instrument :
BNA_F
ClientSampleId :
HR-01-072823

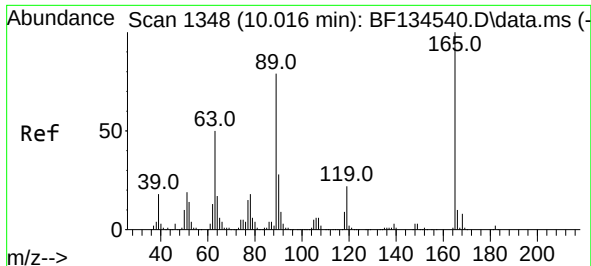
Tgt Ion:165 Resp: 35206
Ion Ratio Lower Upper
165 100
63 1.8 57.8 86.6#
89 1.7 51.8 77.8#



#54
2,4-Dinitrophenol
Concen: 6.833 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.111 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

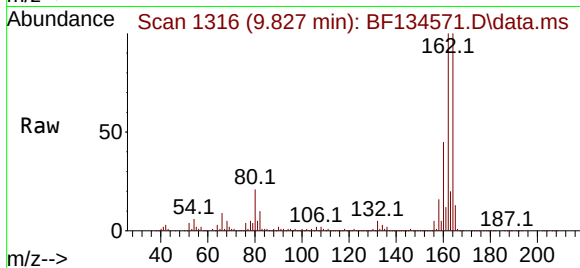
Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 204.3 57.1 85.7#
154 634.8 59.1 88.7#



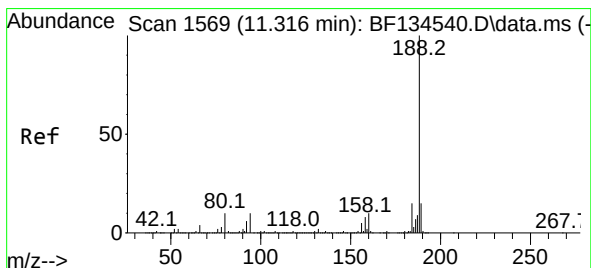
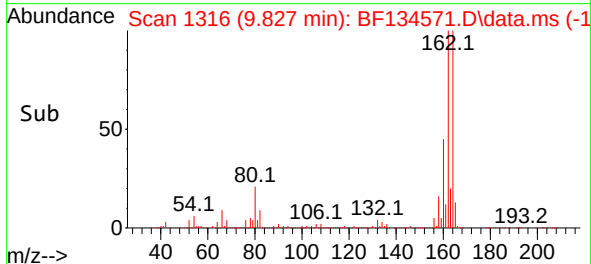
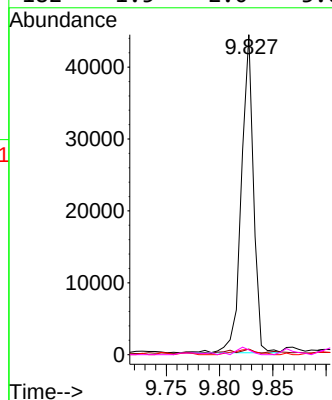


#57
2,4-Dinitrotoluene
Concen: 10.344 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

Instrument :
BNA_F
ClientSampleId :
HR-01-072823

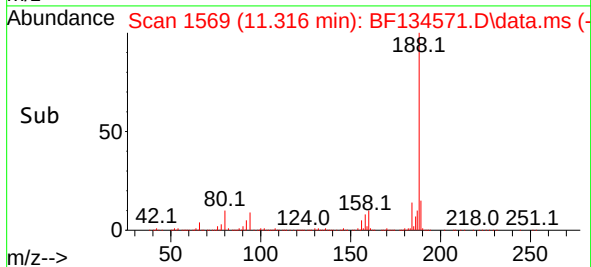
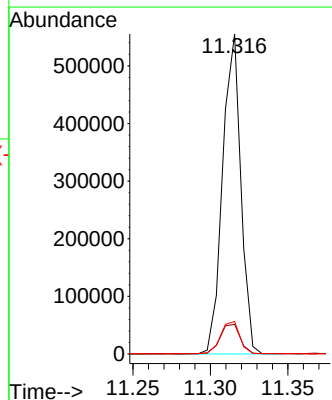
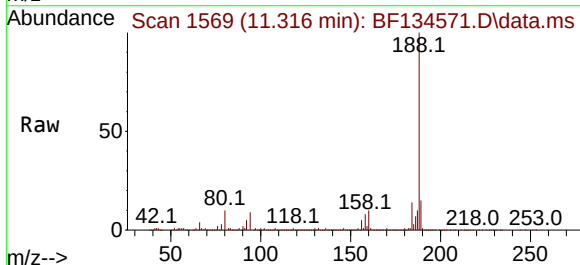


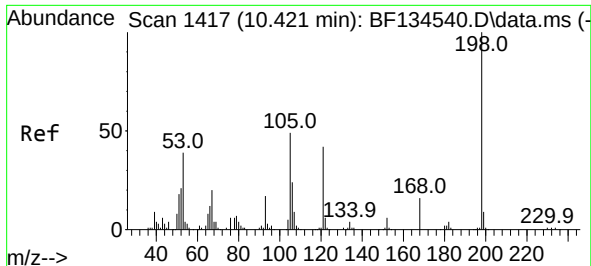
Tgt Ion:165 Resp: 35206
Ion Ratio Lower Upper
165 100
63 1.8 48.9 73.3#
89 1.7 61.7 92.5#
182 1.5 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

Tgt Ion:188 Resp: 454321
Ion Ratio Lower Upper
188 100
94 9.3 5.1 7.7#
80 10.2 6.6 9.8#

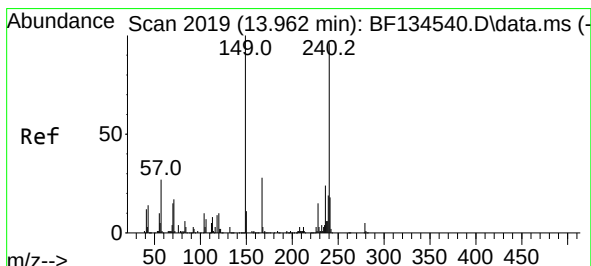
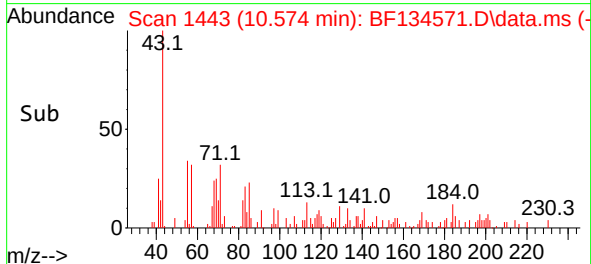
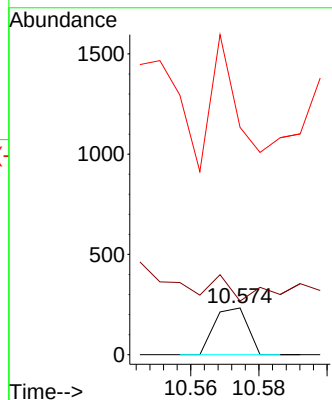
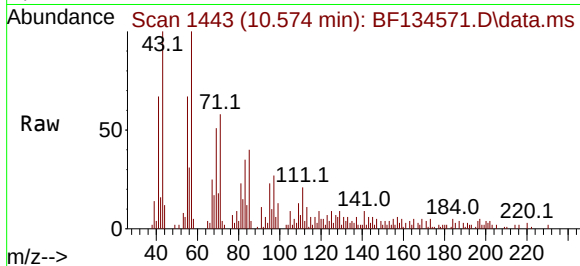




#65
4,6-Dinitro-2-methylphenol
Concen: 8.769 ng
RT: 10.574 min Scan# 1417
Delta R.T. 0.153 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

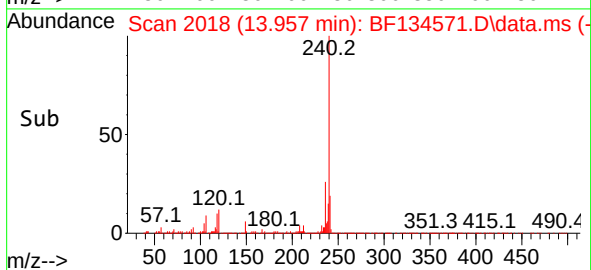
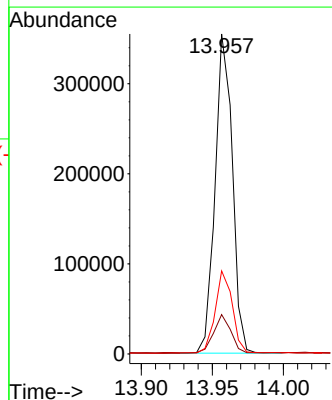
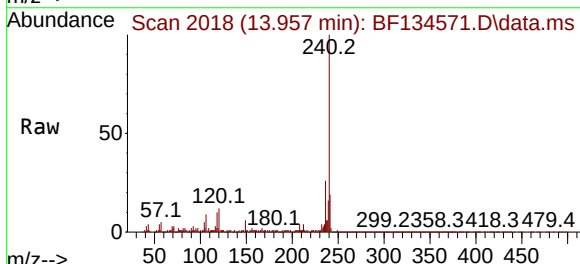
Instrument :
BNA_F
ClientSampleId :
HR-01-072823

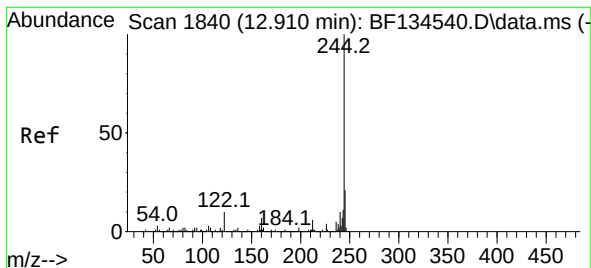
Tgt Ion:198 Resp: 157
Ion Ratio Lower Upper
198 100
51 114.6 38.6 78.6#
105 486.7 27.9 67.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

Tgt Ion:240 Resp: 299204
Ion Ratio Lower Upper
240 100
120 12.3 6.6 10.0#
236 26.0 20.2 30.2





#79

Terphenyl-d14

Concen: 46.527 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF134571.D

Acq: 02 Aug 2023 10:20

Instrument :

BNA_F

ClientSampleId :

HR-01-072823

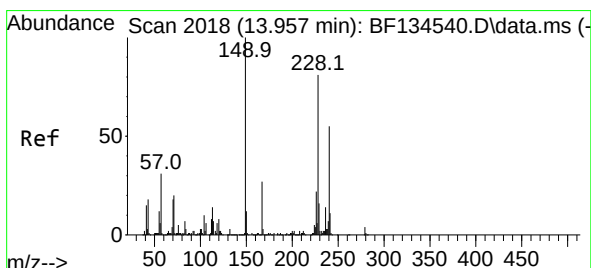
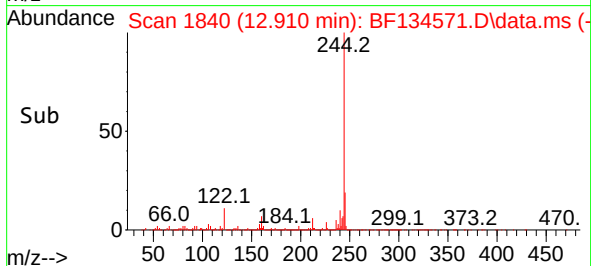
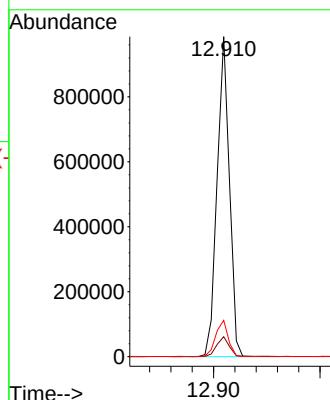
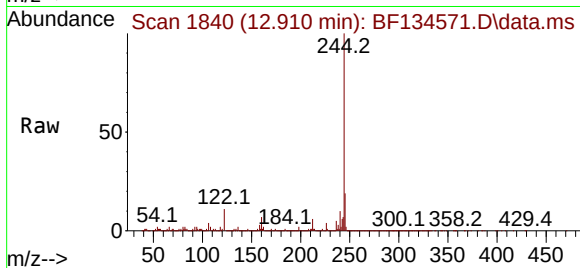
Tgt Ion:244 Resp: 789691

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 11.3 8.0 12.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.109 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF134571.D

Acq: 02 Aug 2023 10:20

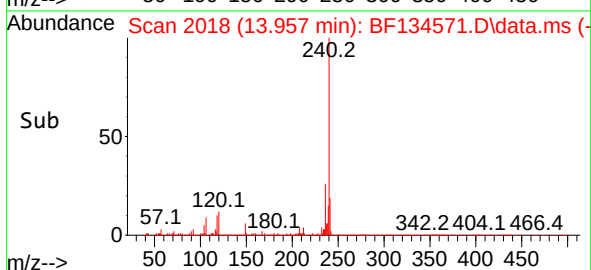
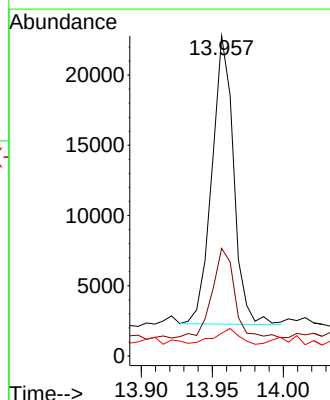
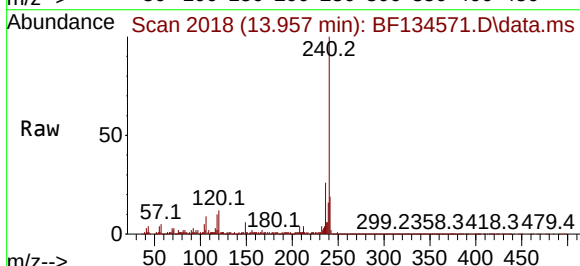
Tgt Ion:149 Resp: 21731

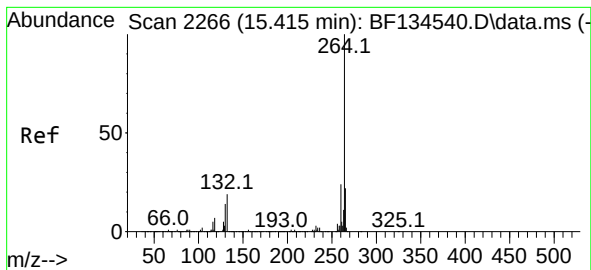
Ion Ratio Lower Upper

149 100

167 33.6 21.6 32.4#

279 7.1 3.5 5.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134571.D

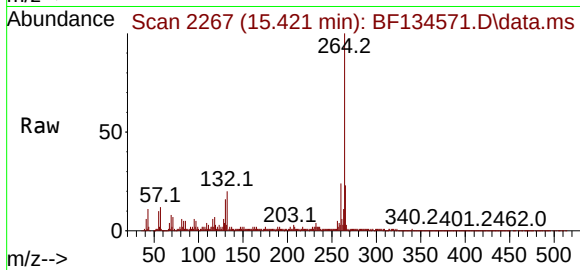
Acq: 02 Aug 2023 10:20

Instrument :

BNA_F

ClientSampleId :

HR-01-072823



Tgt Ion:264 Resp: 246342

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 22.6 15.8 23.8

