

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
 Data File : BF134671.D
 Acq On : 08 Aug 2023 14:50
 Operator : CG\JU
 Sample : 03911-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSCR206(164716)

Quant Time: Aug 09 02:17:50 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)

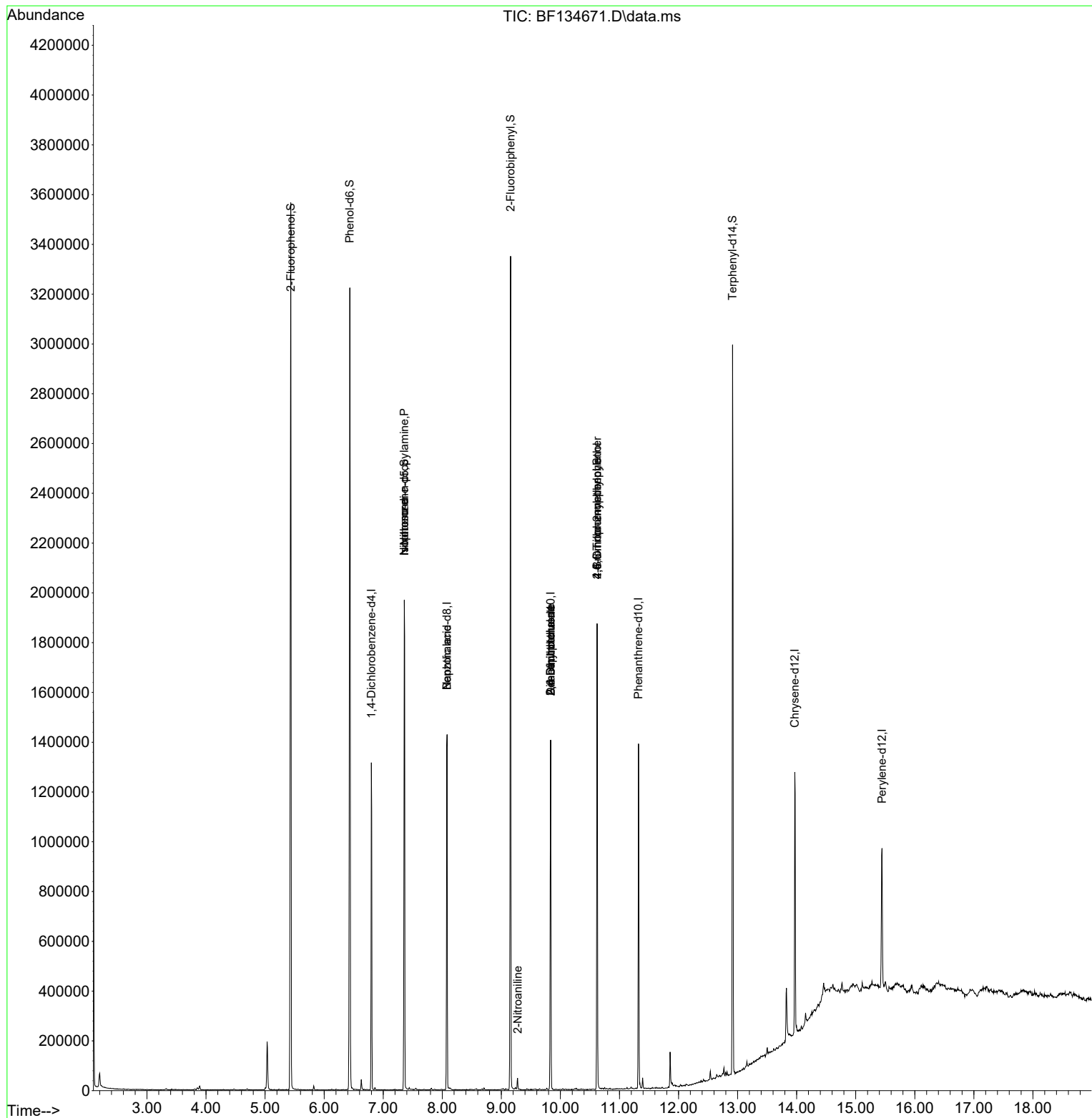
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.799	152	186213	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	642570	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	262292	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	455323	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	357707	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	277468	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	945206	77.159	ng	0.00
7) Phenol-d6	6.434	99	1146852	73.238	ng	0.00
23) Nitrobenzene-d5	7.357	82	636401	61.893	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	208569	78.004	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	969324	61.446	ng	0.00
79) Terphenyl-d14	12.916	244	993318	48.953	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.352	77	143	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	84905	9.056	ng	# 76
25) Isophorone	7.357	82	628659	28.032	ng	# 65
32) Benzoic acid	8.081	122	163	7.888	ng	# 1
48) 2-Nitroaniline	9.275	65	365	3.238	ng	# 8
50) Dimethylphthalate	9.834	163	54344	3.040	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	33191	11.086	ng	# 17
57) 2,4-Dinitrotoluene	9.834	165	33191	9.908	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	551	8.944	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	13297	2.668	ng	# 1

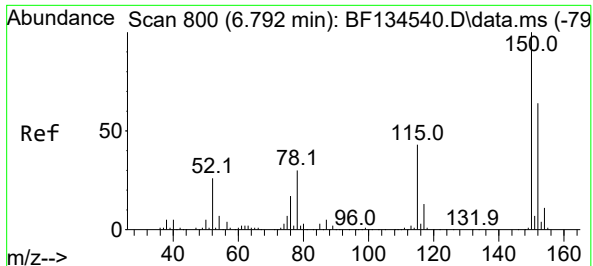
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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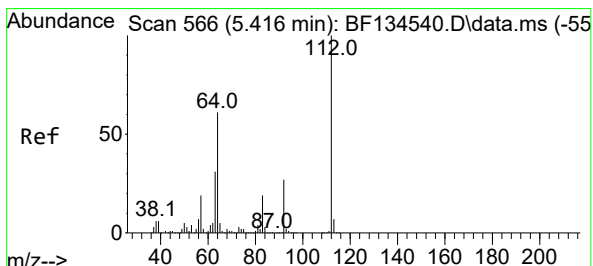
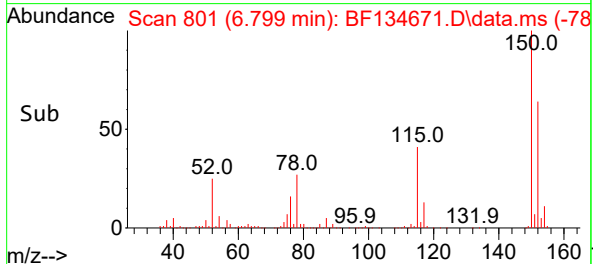
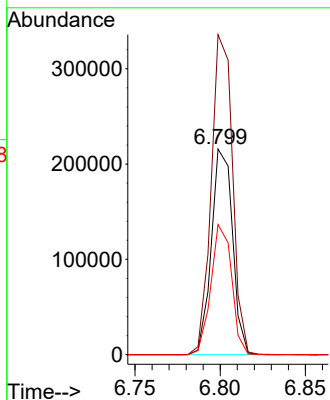
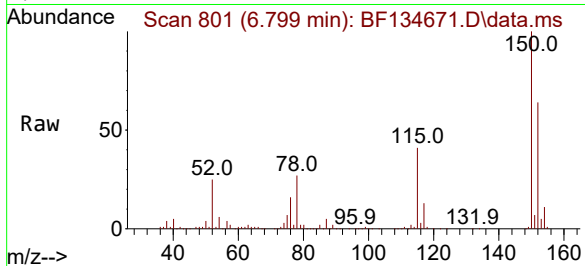




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.799 min Scan# 801
 Delta R.T. 0.001 min
 Lab File: BF134671.D
 Acq: 08 Aug 2023 14:50

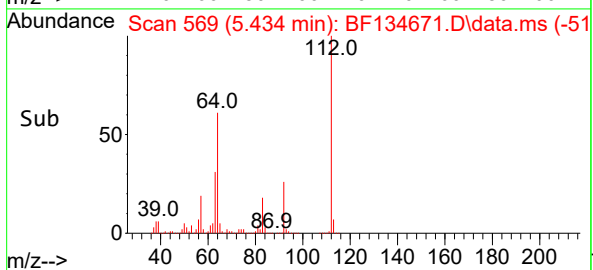
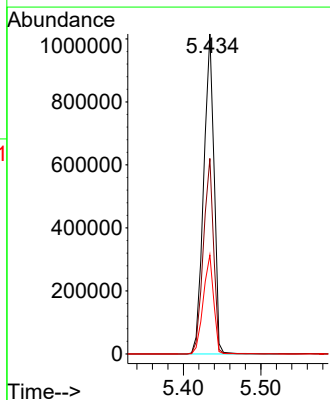
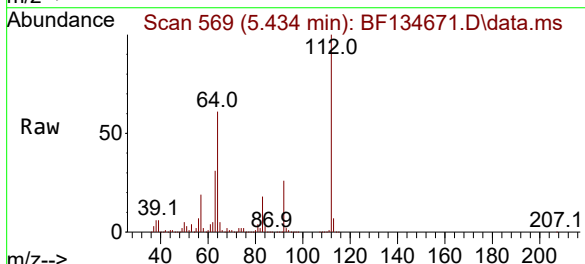
Instrument :
 BNA_F
 ClientSampleId :
 PSCR206(164716)

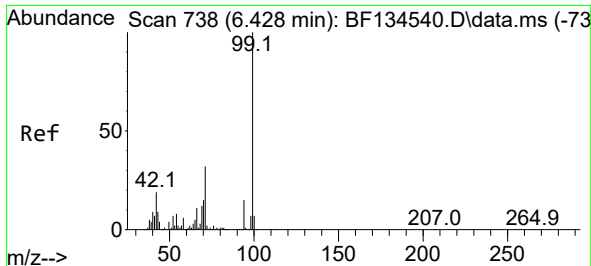
Tgt Ion:152 Resp: 186213
 Ion Ratio Lower Upper
 152 100
 150 155.6 128.3 192.5
 115 63.2 52.4 78.6



#5
 2-Fluorophenol
 Concen: 77.159 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF134671.D
 Acq: 08 Aug 2023 14:50

Tgt Ion:112 Resp: 945206
 Ion Ratio Lower Upper
 112 100
 64 61.1 44.9 67.3
 63 30.9 25.4 38.0

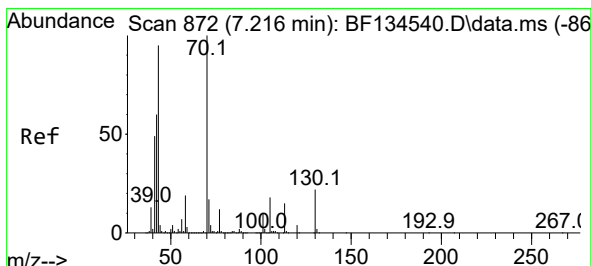
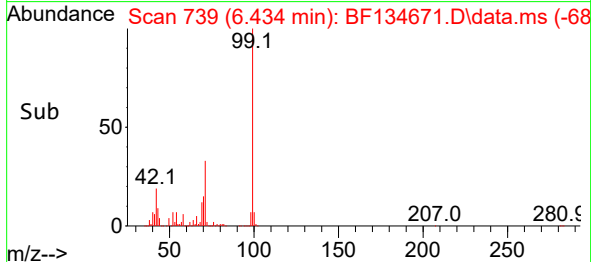
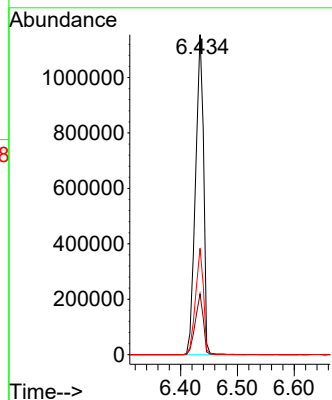
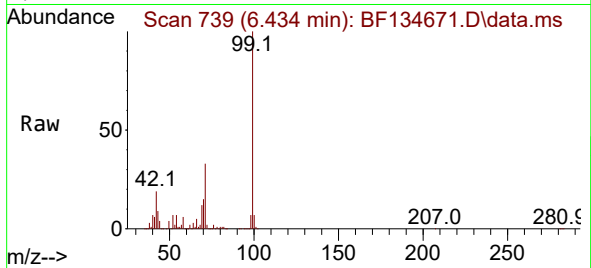




#7
Phenol-d6
Concen: 73.238 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF134671.D
Acq: 08 Aug 2023 14:50

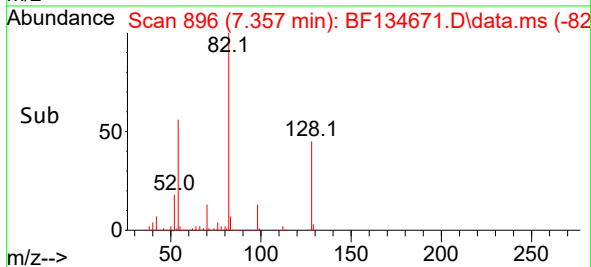
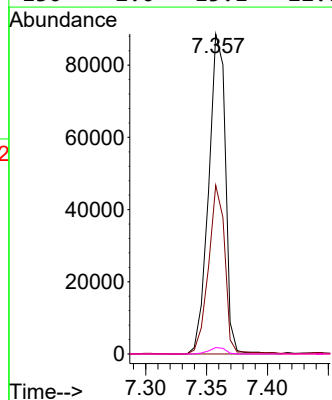
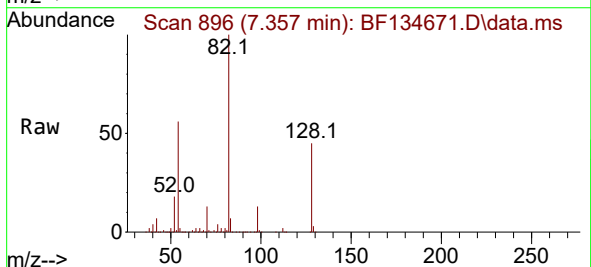
Instrument :
BNA_F
ClientSampleId :
PSCR206(164716)

Tgt Ion: 99 Resp: 1146852
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 33.2 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.056 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.136 min
Lab File: BF134671.D
Acq: 08 Aug 2023 14:50

Tgt Ion: 70 Resp: 84905
Ion Ratio Lower Upper
70 100
42 52.7 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: 8.081 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134671.D

Acq: 08 Aug 2023 14:50

Instrument :

BNA_F

ClientSampleId :

PSCR206(164716)

Tgt Ion:136 Resp: 642570

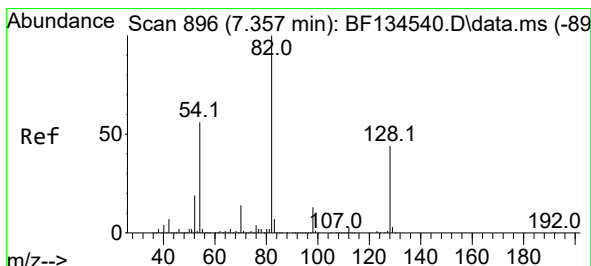
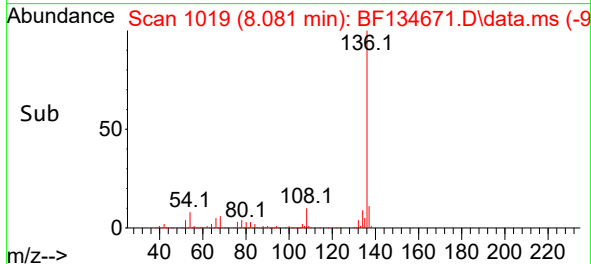
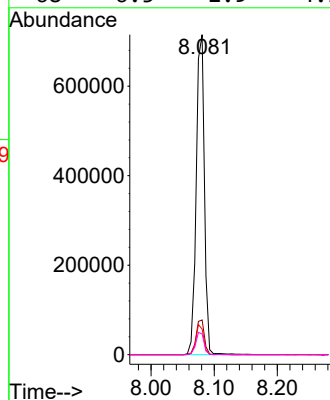
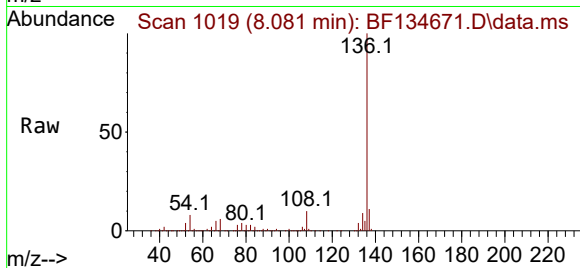
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 8.0 5.2 7.8#

68 6.5 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 61.893 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.011 min

Lab File: BF134671.D

Acq: 08 Aug 2023 14:50

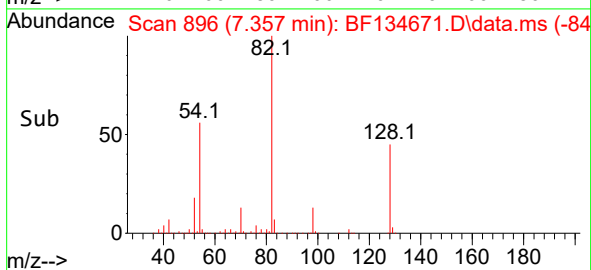
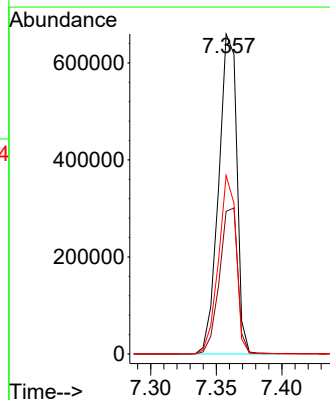
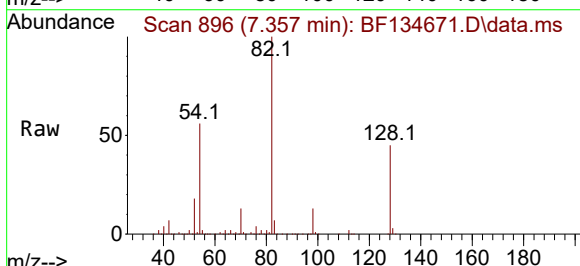
Tgt Ion: 82 Resp: 636401

Ion Ratio Lower Upper

82 100

128 44.5 34.3 51.5

54 55.8 43.8 65.6

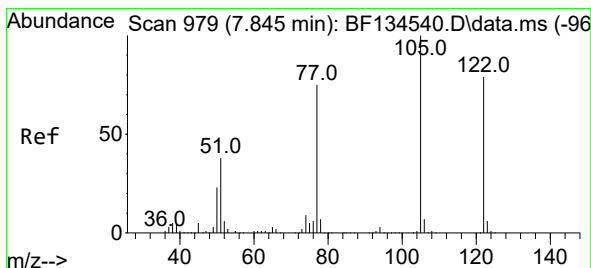
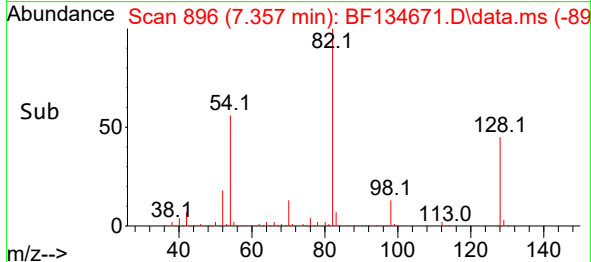
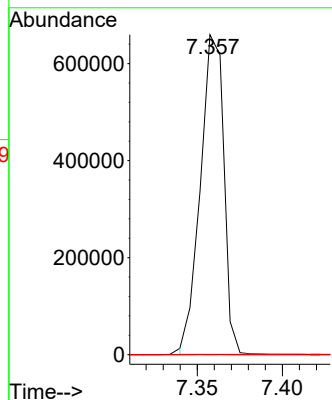
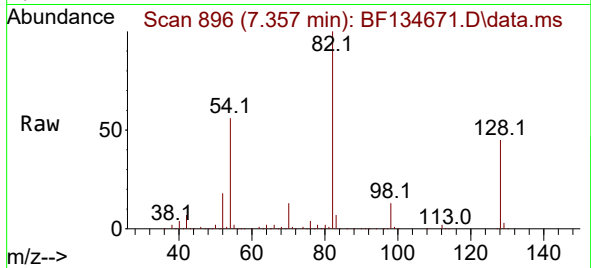




#25
Isophorone
Concen: 28.032 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.270 min
Lab File: BF134671.D
Acq: 08 Aug 2023 14:50

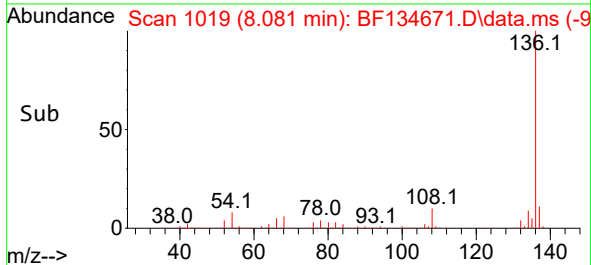
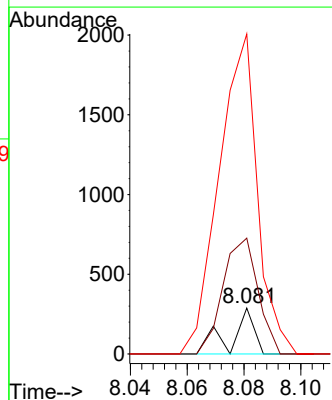
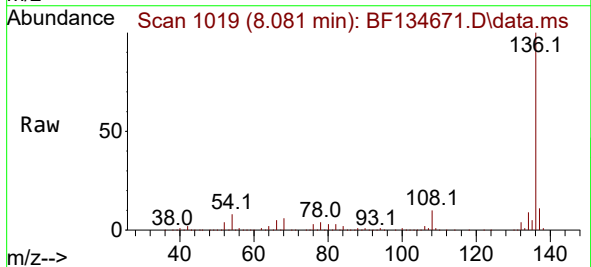
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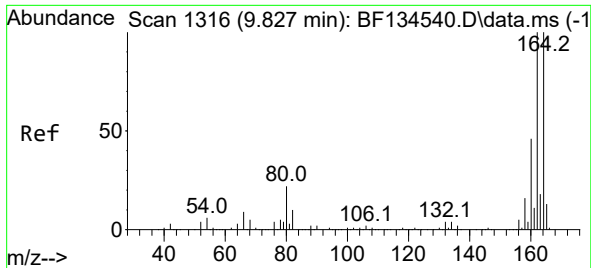
Tgt Ion: 82 Resp: 628659
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.888 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.218 min
Lab File: BF134671.D
Acq: 08 Aug 2023 14:50

Tgt Ion: 122 Resp: 163
Ion Ratio Lower Upper
122 100
105 252.4 87.5 127.5#
77 696.9 71.4 111.4#

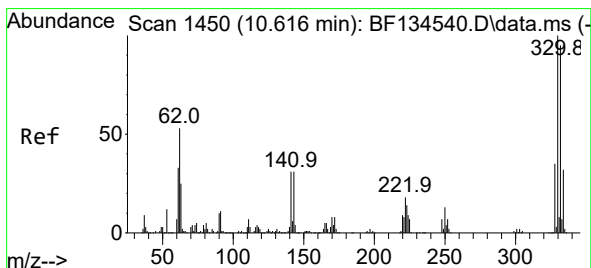
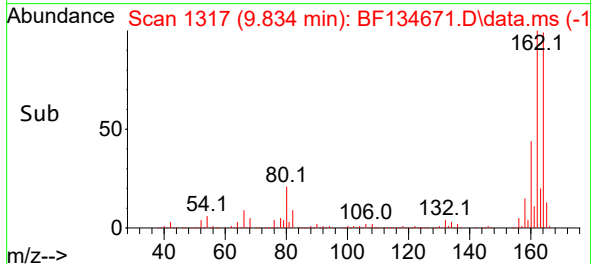
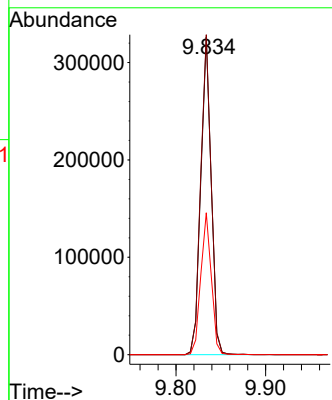
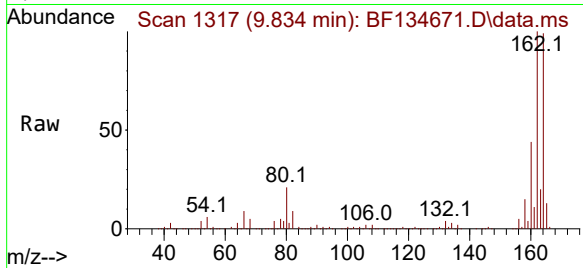




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134671.D
Acq: 08 Aug 2023 14:50

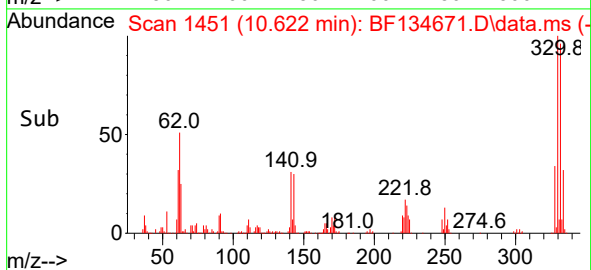
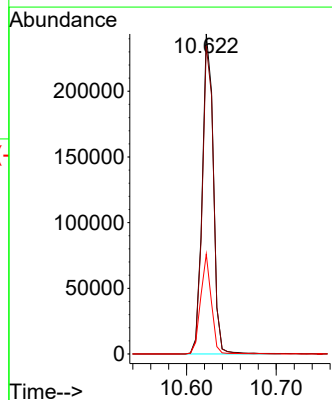
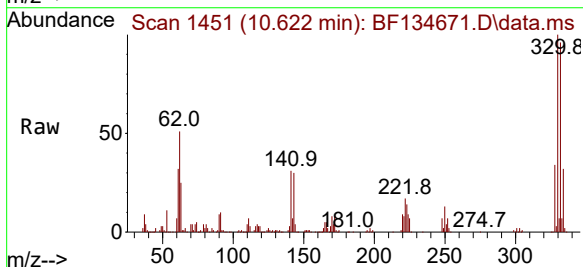
Instrument :
BNA_F
ClientSampleId :
PSCR206(164716)

Tgt Ion:164 Resp: 262292
Ion Ratio Lower Upper
164 100
162 100.7 82.6 123.8
160 44.7 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 78.004 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.005 min
Lab File: BF134671.D
Acq: 08 Aug 2023 14:50

Tgt Ion:330 Resp: 208569
Ion Ratio Lower Upper
330 100
332 97.3 78.8 118.2
141 30.1 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 61.446 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF134671.D

Acq: 08 Aug 2023 14:50

Instrument :

BNA_F

ClientSampleId :

PSCR206(164716)

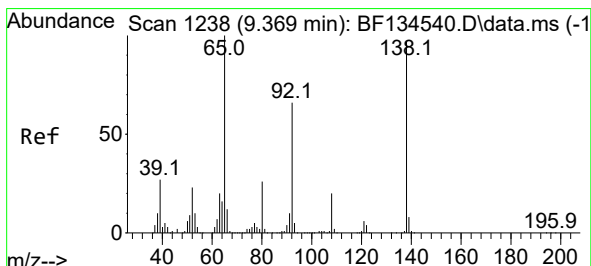
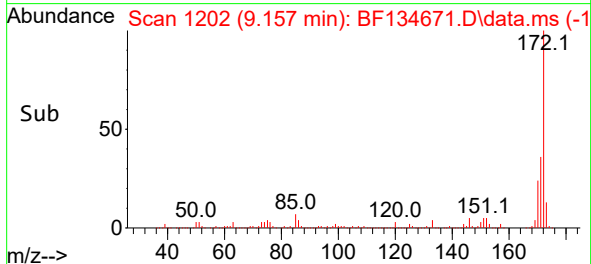
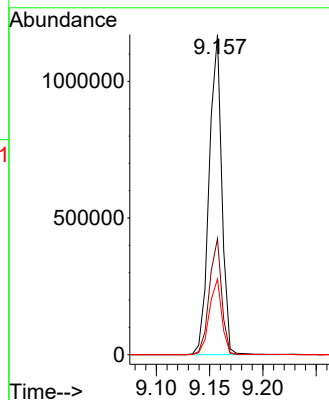
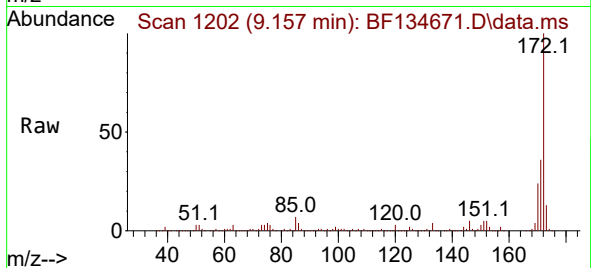
Tgt Ion:172 Resp: 969324

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 23.6 18.7 28.1



#48

2-Nitroaniline

Concen: 3.238 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.105 min

Lab File: BF134671.D

Acq: 08 Aug 2023 14:50

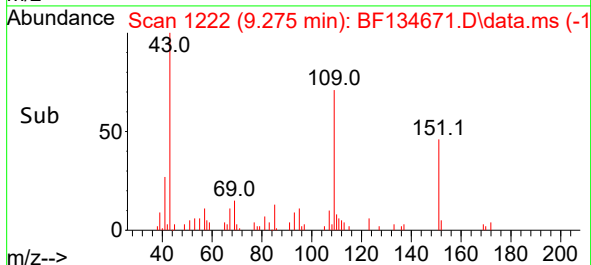
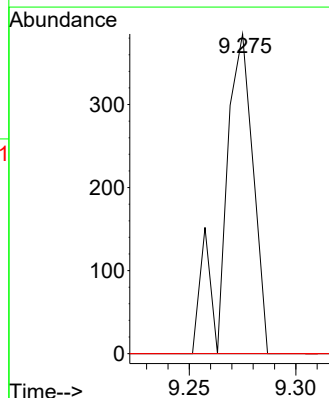
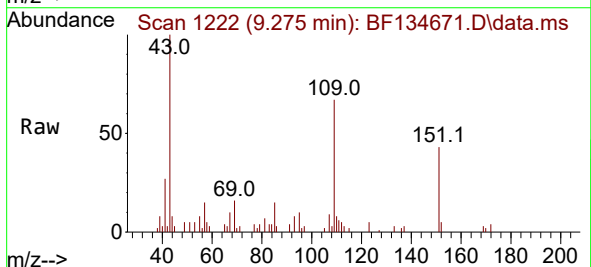
Tgt Ion: 65 Resp: 365

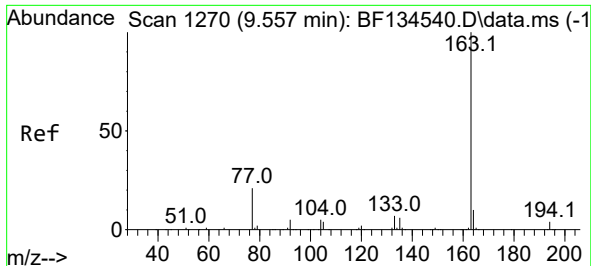
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

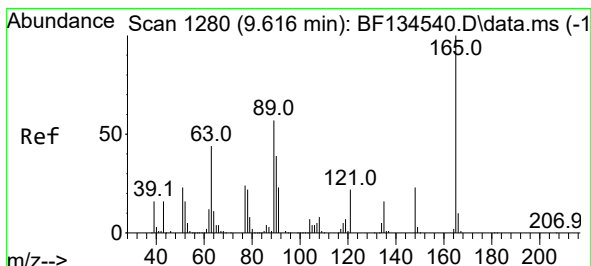
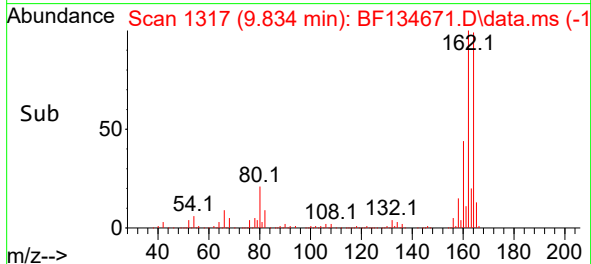
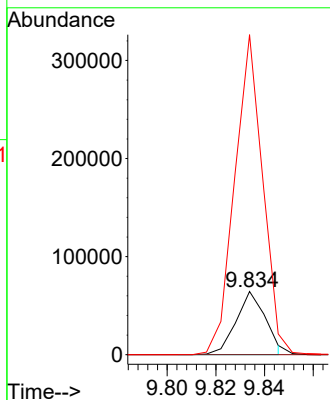
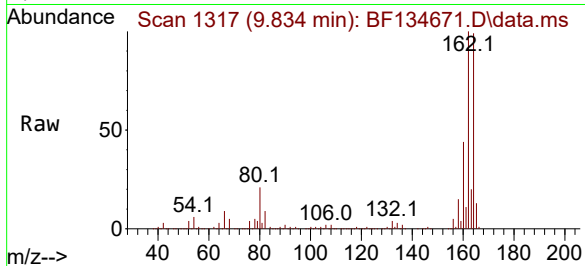




#50
Dimethylphthalate
Concen: 3.040 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134671.D
Acq: 08 Aug 2023 14:50

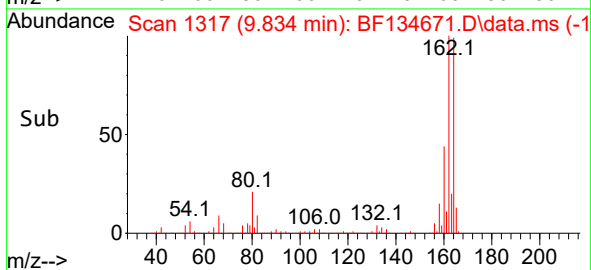
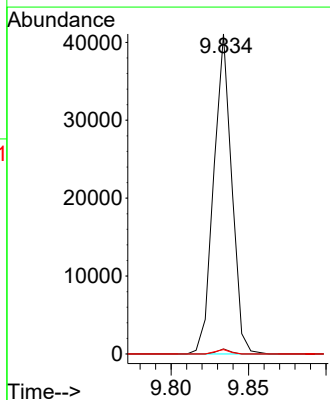
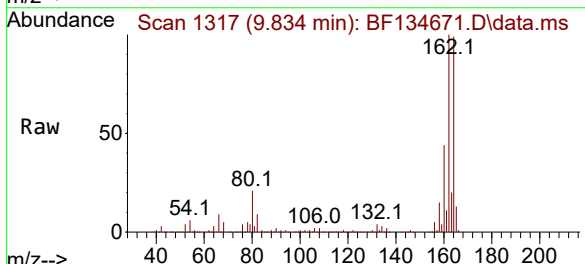
Instrument :
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ClientSampleId :
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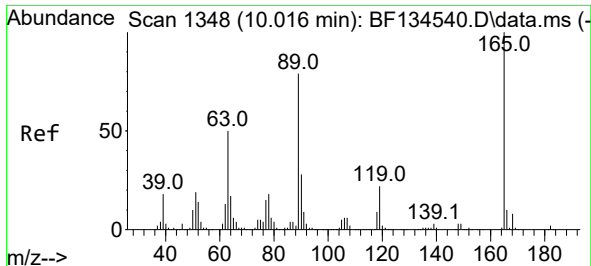
Tgt Ion:163 Resp: 54344
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 505.9 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.086 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134671.D
Acq: 08 Aug 2023 14:50

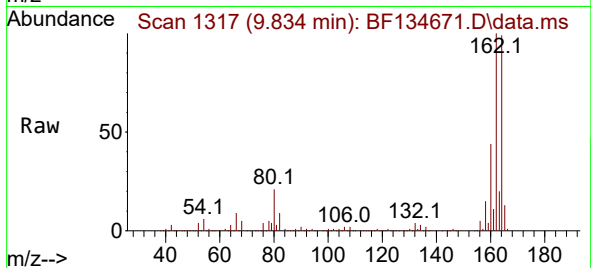
Tgt Ion:165 Resp: 33191
Ion Ratio Lower Upper
165 100
63 1.6 57.8 86.6#
89 1.4 51.8 77.8#



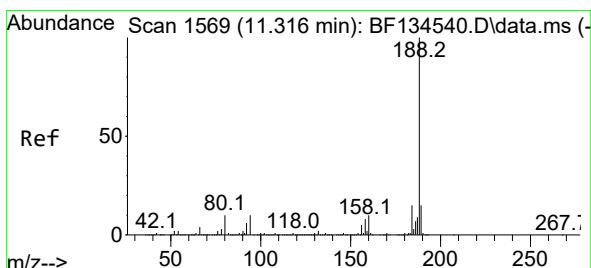
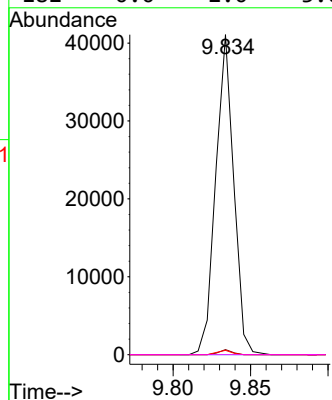
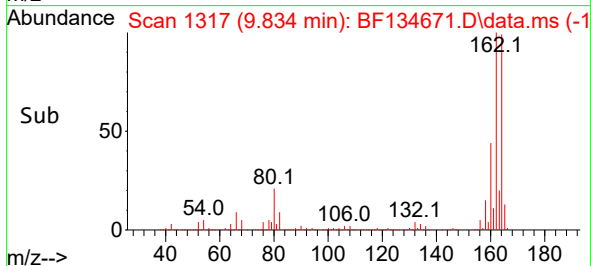


#57
2,4-Dinitrotoluene
Concen: 9.908 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134671.D
Acq: 08 Aug 2023 14:50

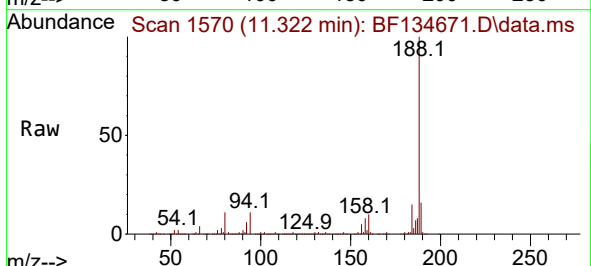
Instrument :
BNA_F
ClientSampleId :
PSCR206(164716)



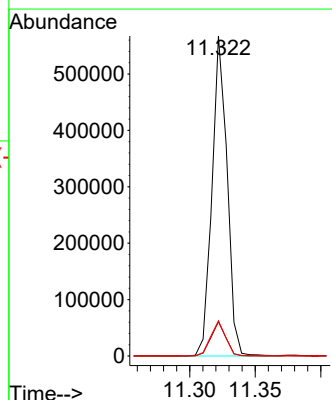
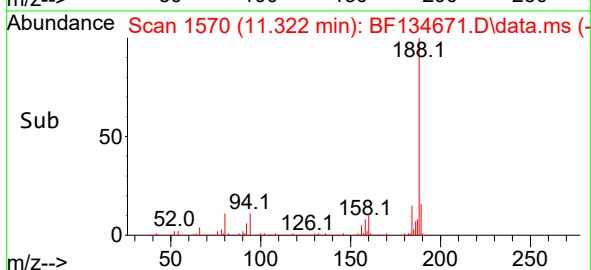
Tgt Ion:165 Resp: 33191
Ion Ratio Lower Upper
165 100
63 1.6 48.9 73.3#
89 1.4 61.7 92.5#
182 0.0 2.0 3.0#

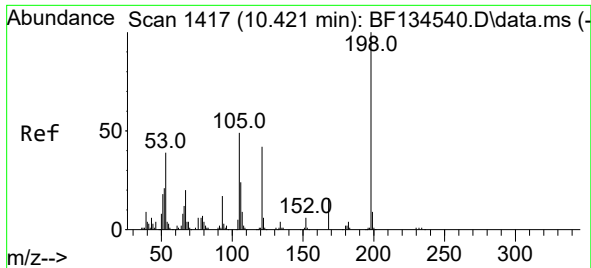


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134671.D
Acq: 08 Aug 2023 14:50



Tgt Ion:188 Resp: 455323
Ion Ratio Lower Upper
188 100
94 10.7 5.1 7.7#
80 11.0 6.6 9.8#

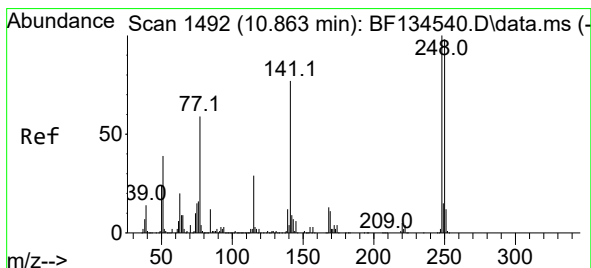
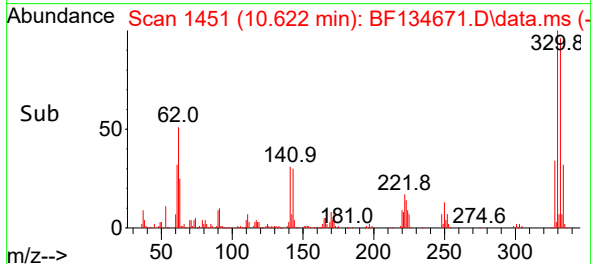
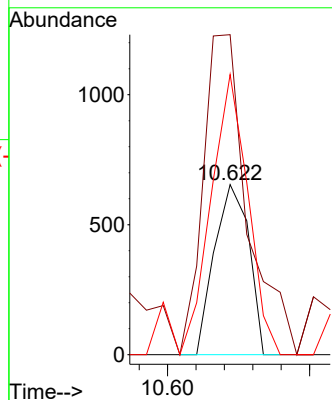
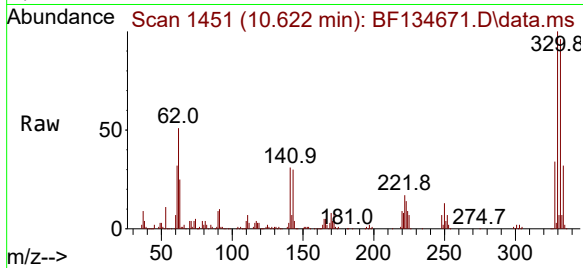




#65
4,6-Dinitro-2-methylphenol
Concen: 8.944 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.183 min
Lab File: BF134671.D
Acq: 08 Aug 2023 14:50

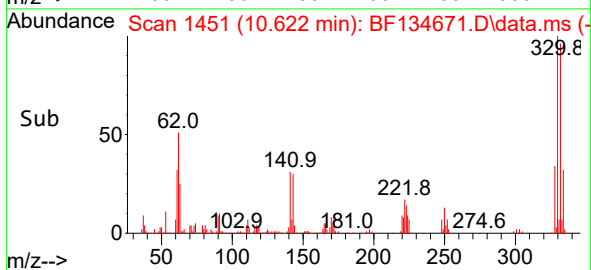
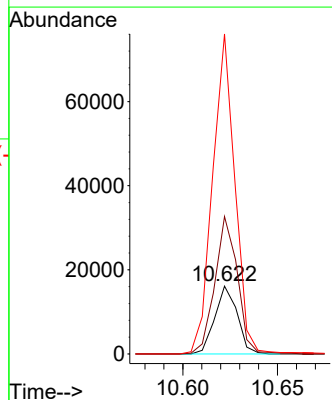
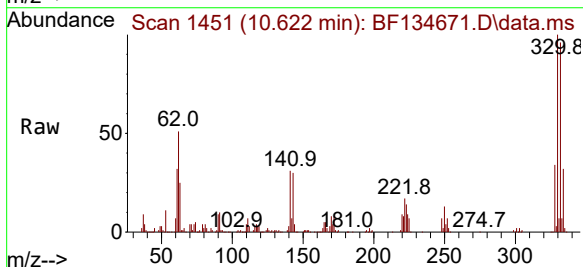
Instrument :
BNA_F
ClientSampleId :
PSCR206(164716)

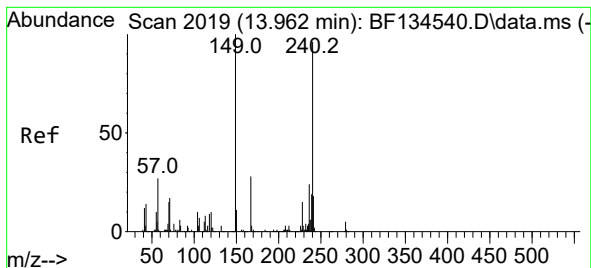
Tgt Ion:198 Resp: 551
Ion Ratio Lower Upper
198 100
51 188.2 38.6 78.6#
105 164.8 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.668 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134671.D
Acq: 08 Aug 2023 14:50

Tgt Ion:248 Resp: 13297
Ion Ratio Lower Upper
248 100
250 202.7 79.6 119.4#
141 471.7 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.005 min

Lab File: BF134671.D

Acq: 08 Aug 2023 14:50

Instrument :

BNA_F

ClientSampleId :

PSCR206(164716)

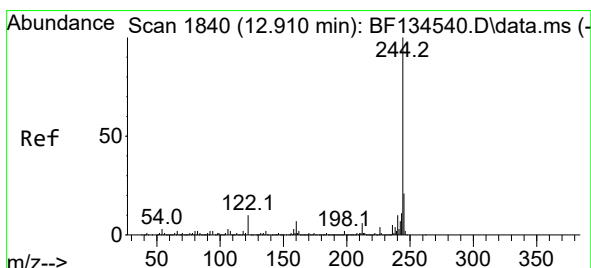
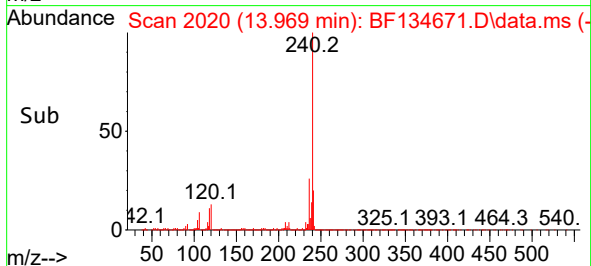
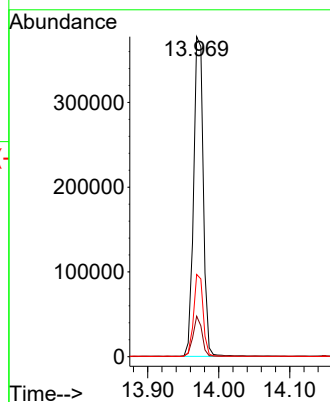
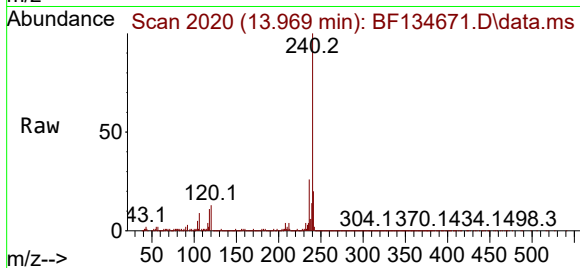
Tgt Ion:240 Resp: 357707

Ion Ratio Lower Upper

240 100

120 12.6 6.6 10.0#

236 25.7 20.2 30.2



#79

Terphenyl-d14

Concen: 48.953 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.005 min

Lab File: BF134671.D

Acq: 08 Aug 2023 14:50

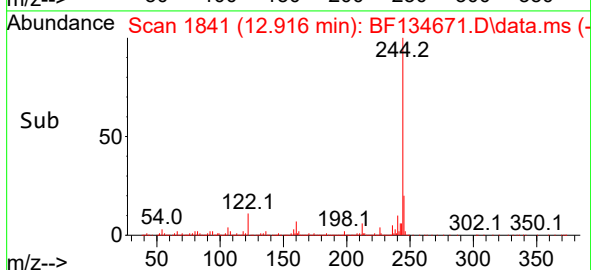
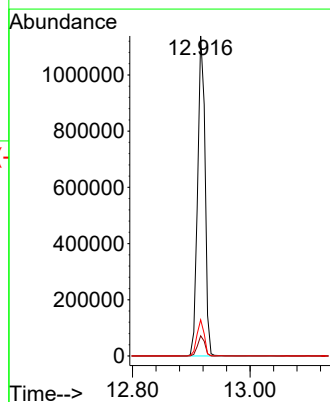
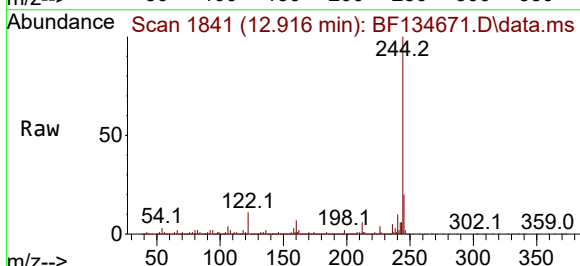
Tgt Ion:244 Resp: 993318

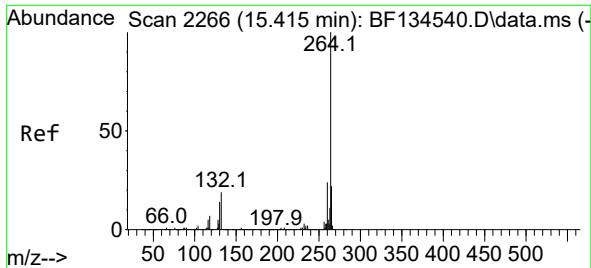
Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 11.3 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134671.D
Acq: 08 Aug 2023 14:50

Instrument :
BNA_F
ClientSampleId :
PSCR206(164716)

Tgt Ion:264 Resp: 277468

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	21.6	15.8	23.8

