

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134601.D
 Acq On : 03 Aug 2023 09:14
 Operator : CG\JU
 Sample : PB154404BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154404BL

Quant Time: Aug 04 01:04:43 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)

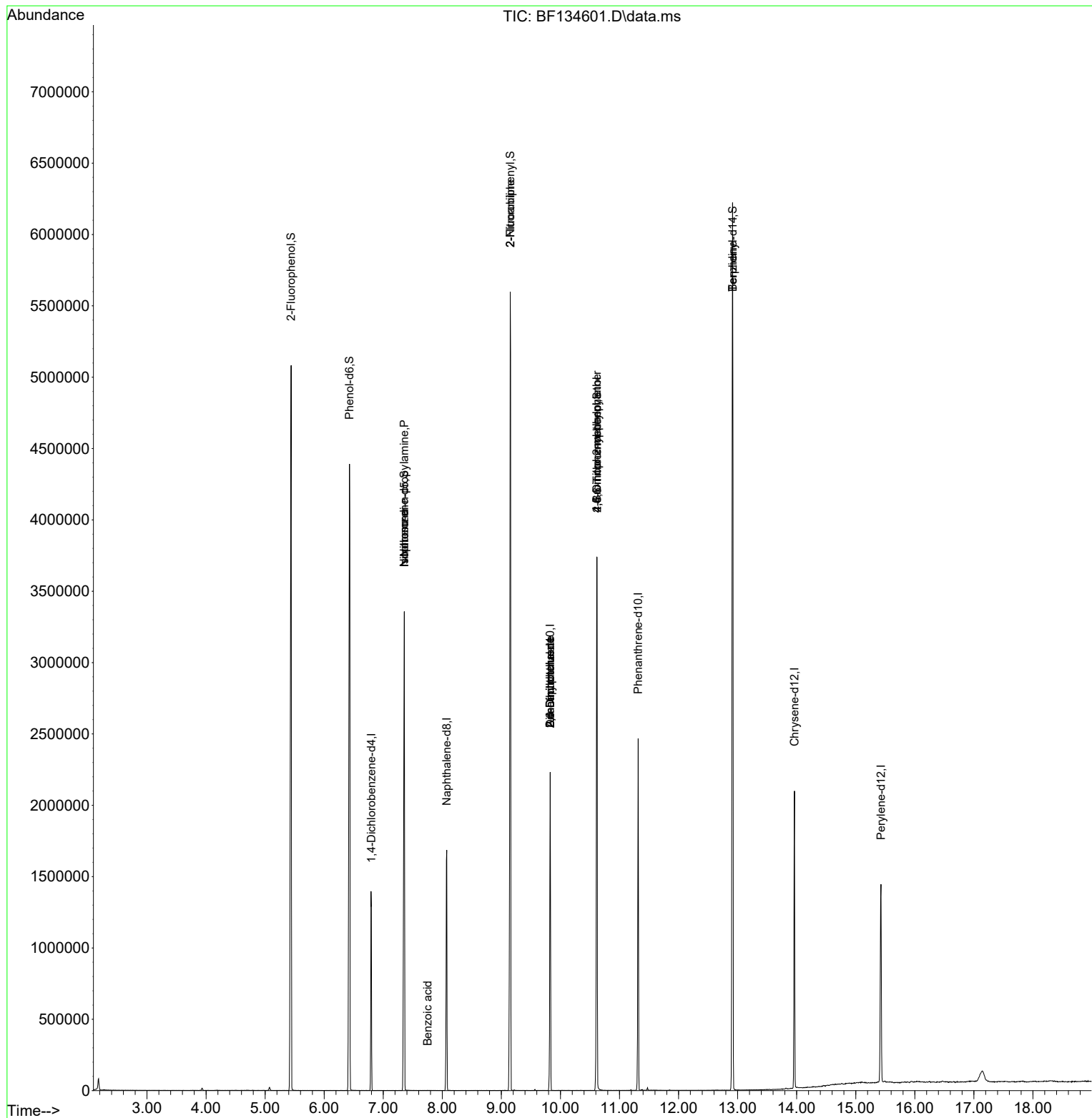
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	204882	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	819810	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	424433	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	815521	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	652501	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	660659	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1577141	117.014	ng	0.02
7) Phenol-d6	6.428	99	2030677	117.862	ng	0.00
23) Nitrobenzene-d5	7.357	82	1239381	94.476	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	582102	134.537	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2129343	83.416	ng	0.00
79) Terphenyl-d14	12.915	244	2642331	71.388	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	2876	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	164024	15.901	ng	# 73
25) Isophorone	7.357	82	1236381	43.211	ng	# 65
32) Benzoic acid	7.751	122	214	7.889	ng	# 49
48) 2-Nitroaniline	9.151	65	3613	3.604	ng	# 1
50) Dimethylphthalate	9.827	163	84965	2.937	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	53969	11.128	ng	# 17
57) 2,4-Dinitrotoluene	9.827	165	53969	9.942	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	1206	8.998	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	35711	4.000	ng	# 1
77) Benzidine	12.915	184	31334	2.212	ng	# 92

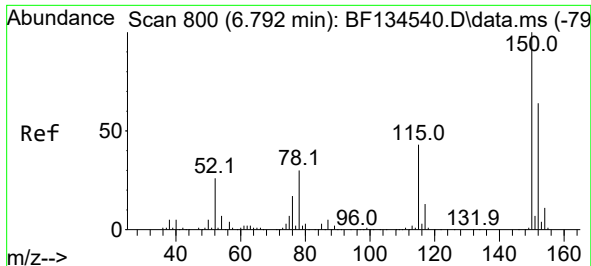
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
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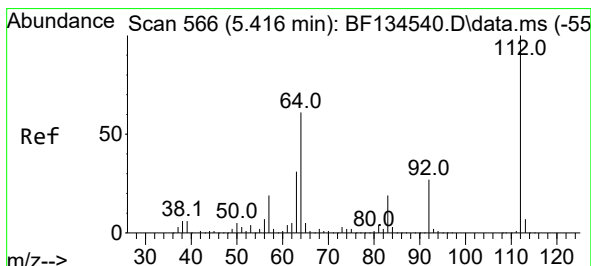
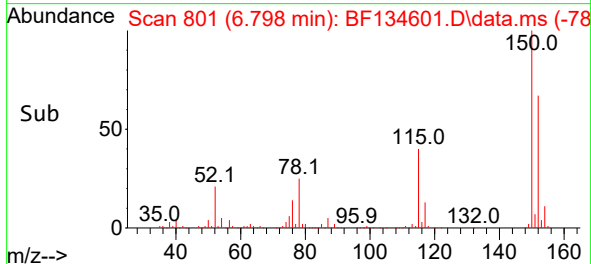
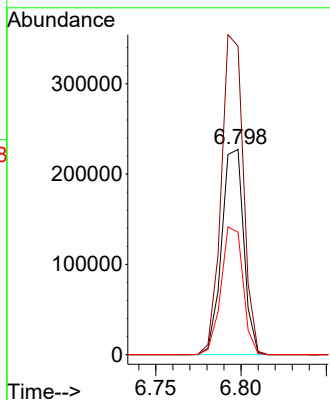
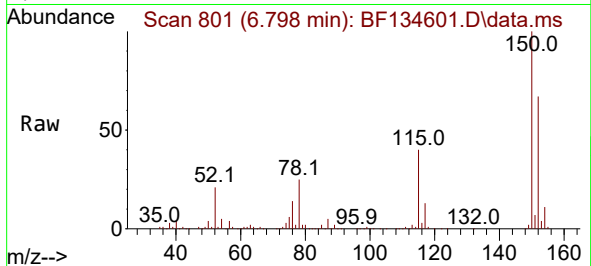




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

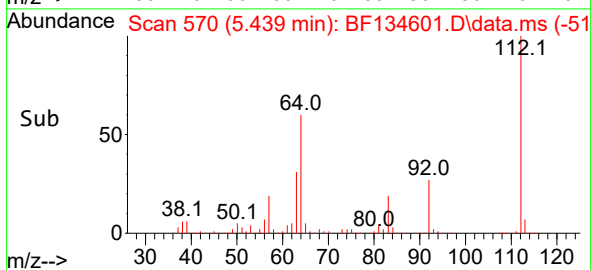
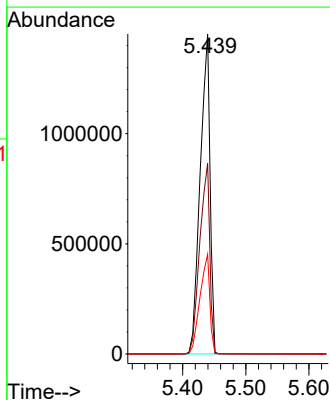
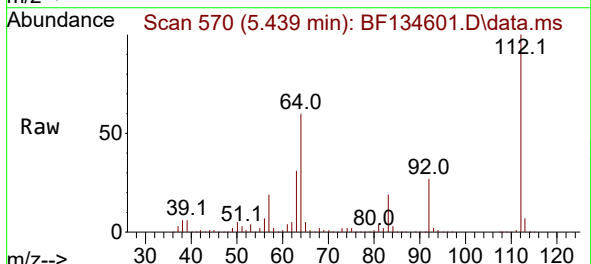
Instrument :
BNA_F
ClientSampleId :
PB154404BL

Tgt Ion:152 Resp: 204882
Ion Ratio Lower Upper
152 100
150 150.2 128.3 192.5
115 59.6 52.4 78.6



#5
2-Fluorophenol
Concen: 117.014 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.024 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

Tgt Ion:112 Resp: 1577141
Ion Ratio Lower Upper
112 100
64 59.6 44.9 67.3
63 31.1 25.4 38.0

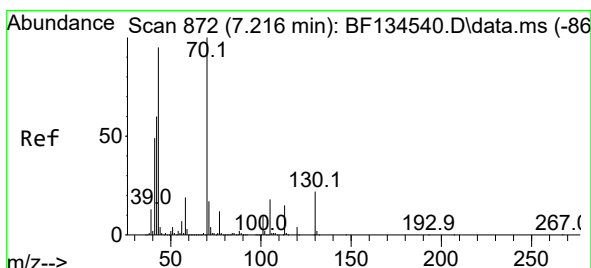
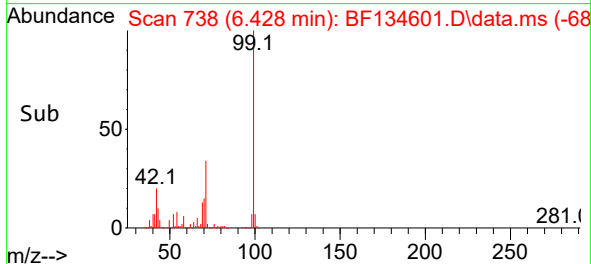
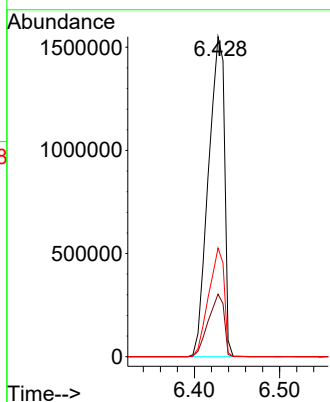
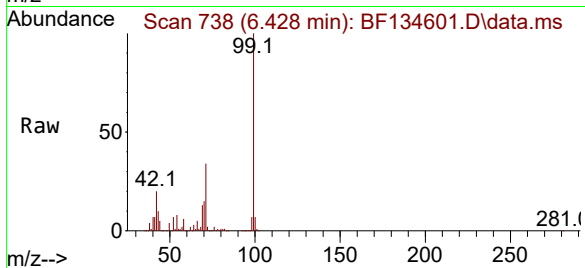




#7
Phenol-d6
Concen: 117.862 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

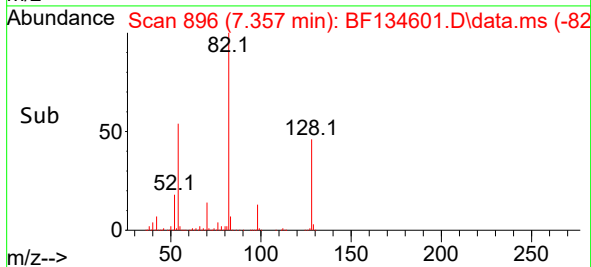
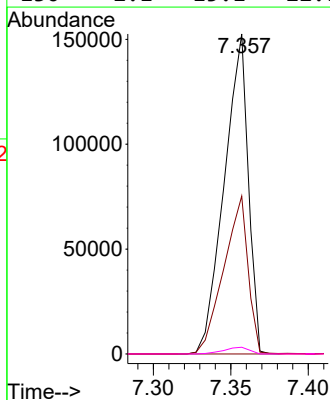
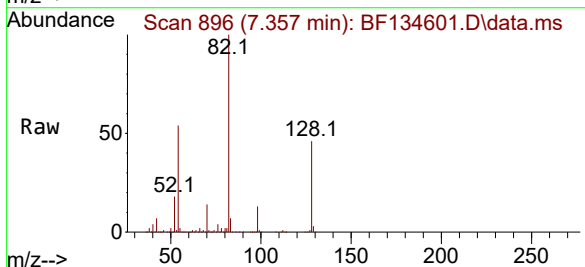
Instrument :
BNA_F
ClientSampleId :
PB154404BL

Tgt Ion: 99 Resp: 2030677
Ion Ratio Lower Upper
99 100
42 19.5 18.7 28.1
71 34.0 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 15.901 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

Tgt Ion: 70 Resp: 164024
Ion Ratio Lower Upper
70 100
42 49.4 54.7 82.1#
101 0.0 8.2 12.2#
130 2.1 15.1 22.7#

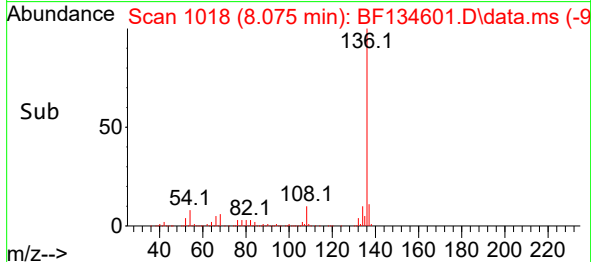
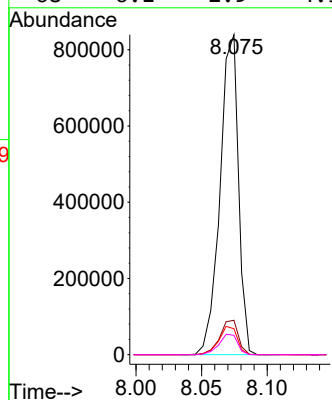
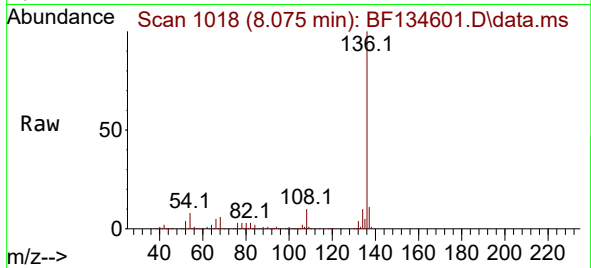




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

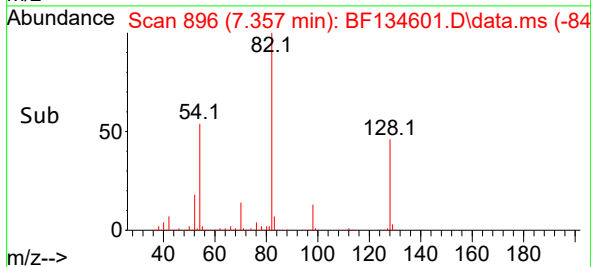
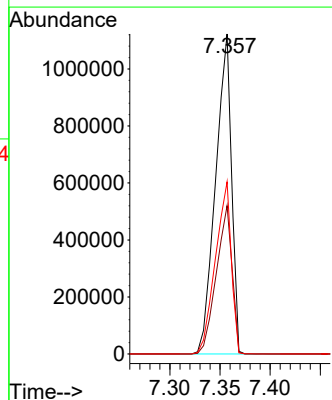
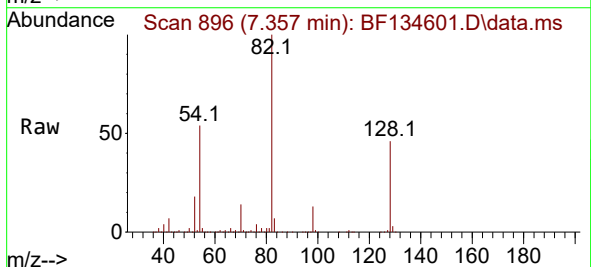
Instrument :
BNA_F
ClientSampleId :
PB154404BL

Tgt Ion:136 Resp: 819810
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.1 5.2 7.8#
68 6.1 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 94.476 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

Tgt Ion: 82 Resp: 1239381
Ion Ratio Lower Upper
82 100
128 46.3 34.3 51.5
54 53.8 43.8 65.6

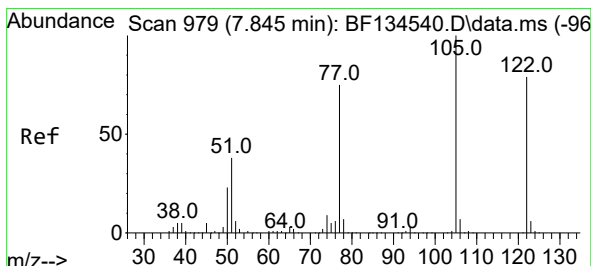
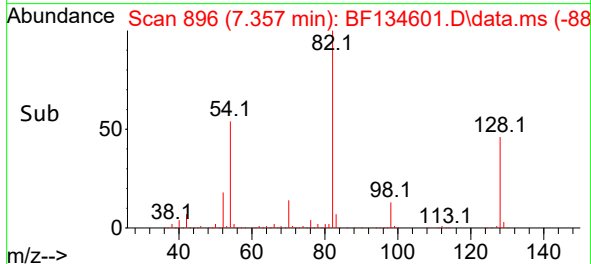
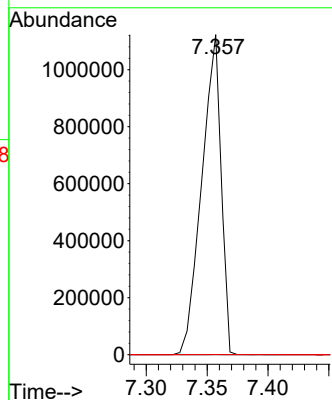
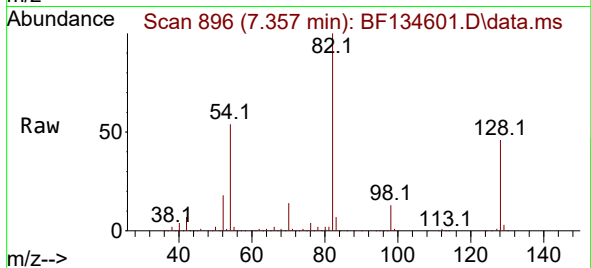




#25
Isophorone
Concen: 43.211 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.259 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

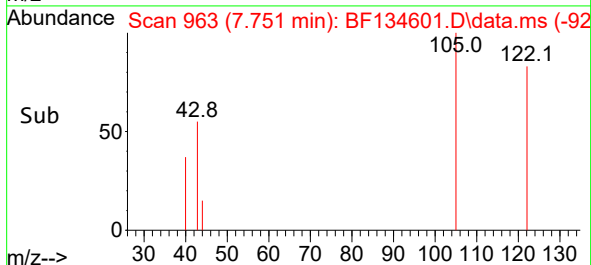
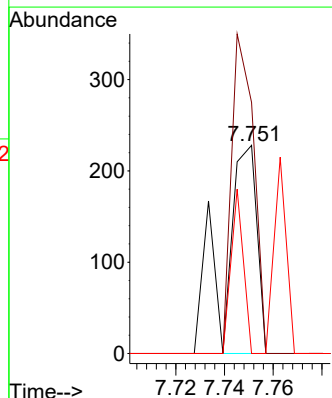
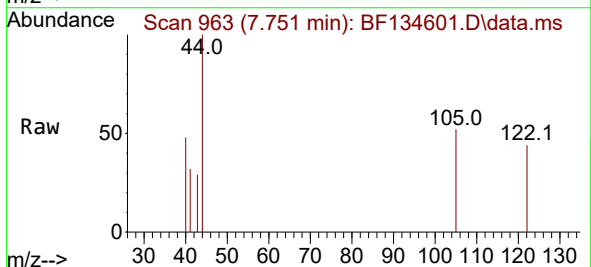
Instrument :
BNA_F
ClientSampleId :
PB154404BL

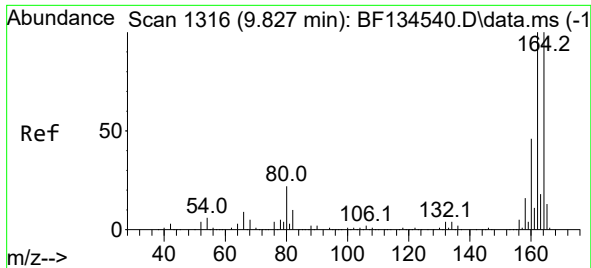
Tgt Ion: 82 Resp: 1236381
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.889 ng
RT: 7.751 min Scan# 963
Delta R.T. -0.094 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

Tgt Ion: 122 Resp: 214
Ion Ratio Lower Upper
122 100
105 120.6 87.5 127.5
77 0.0 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134601.D

Acq: 03 Aug 2023 09:14

Instrument :

BNA_F

ClientSampleId :

PB154404BL

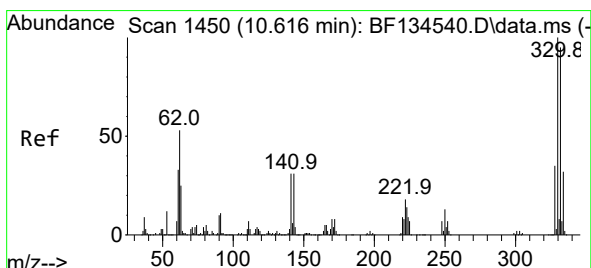
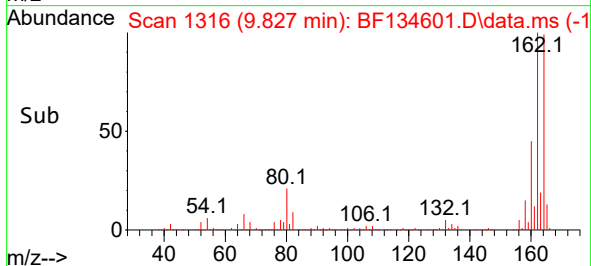
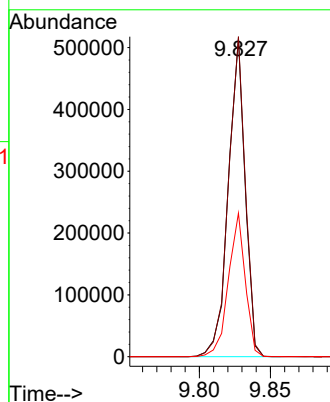
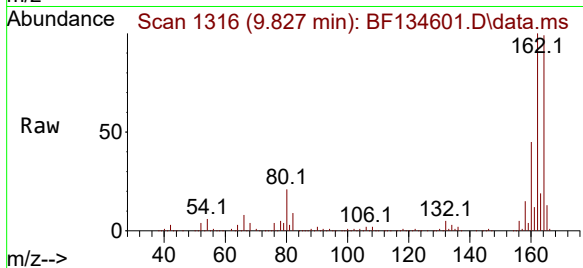
Tgt Ion:164 Resp: 424433

Ion Ratio Lower Upper

164 100

162 100.5 82.6 123.8

160 45.1 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 134.537 ng

RT: 10.621 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF134601.D

Acq: 03 Aug 2023 09:14

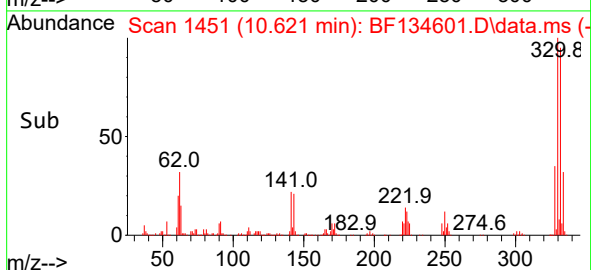
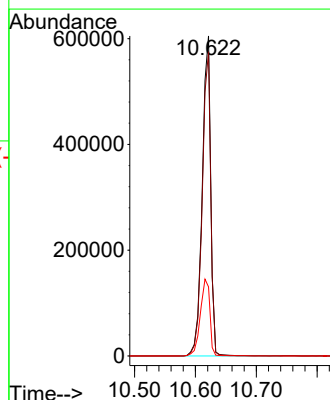
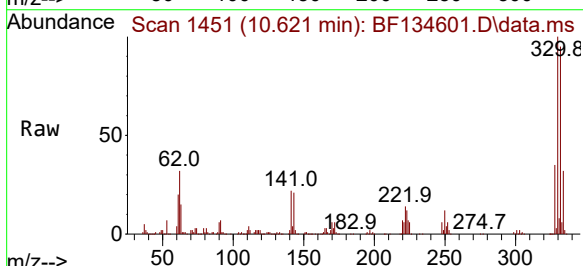
Tgt Ion:330 Resp: 582102

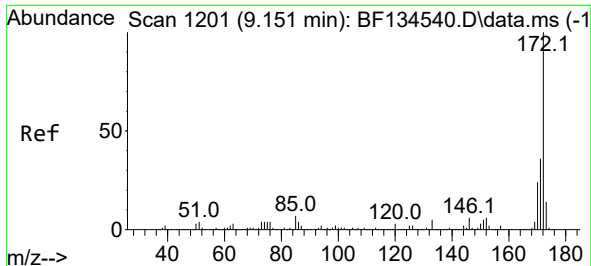
Ion Ratio Lower Upper

330 100

332 95.3 78.8 118.2

141 27.0 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 83.416 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF134601.D

Acq: 03 Aug 2023 09:14

Instrument :

BNA_F

ClientSampleId :

PB154404BL

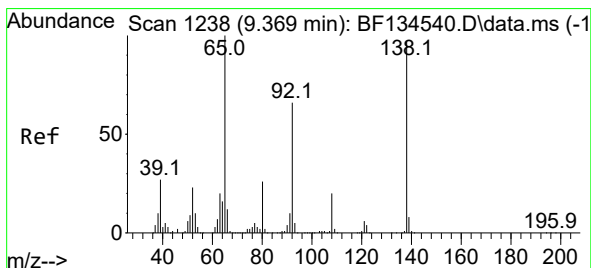
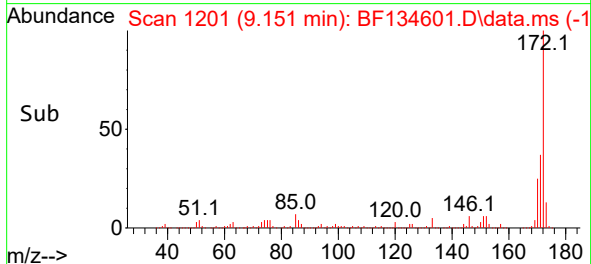
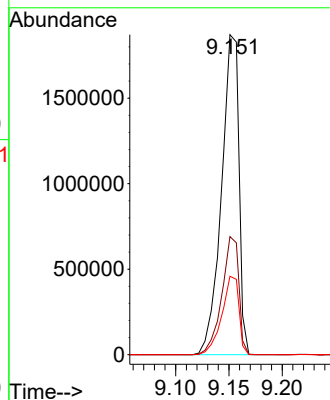
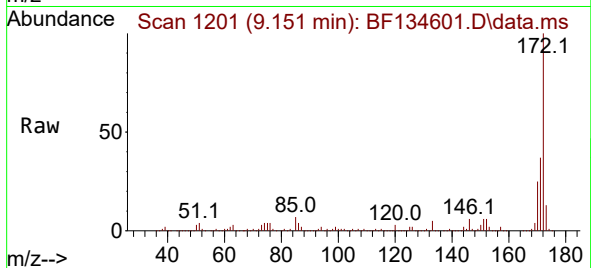
Tgt Ion:172 Resp: 2129343

Ion Ratio Lower Upper

172 100

171 36.9 28.8 43.2

170 24.5 18.7 28.1



#48

2-Nitroaniline

Concen: 3.604 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.218 min

Lab File: BF134601.D

Acq: 03 Aug 2023 09:14

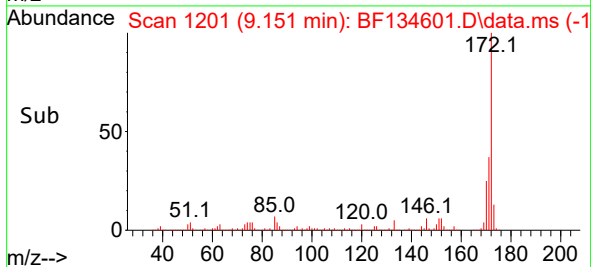
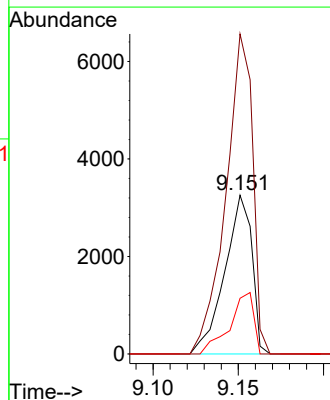
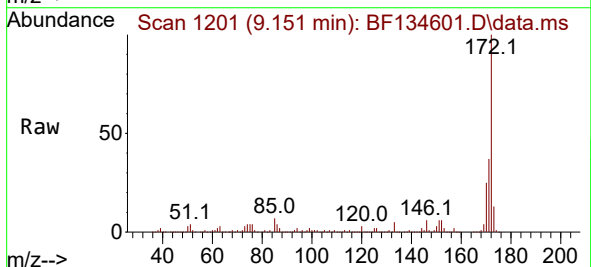
Tgt Ion: 65 Resp: 3613

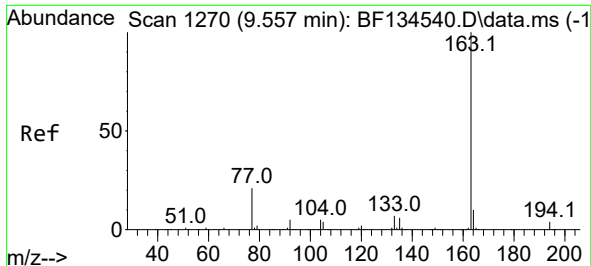
Ion Ratio Lower Upper

65 100

92 201.6 50.7 76.1#

138 35.1 78.2 117.4#

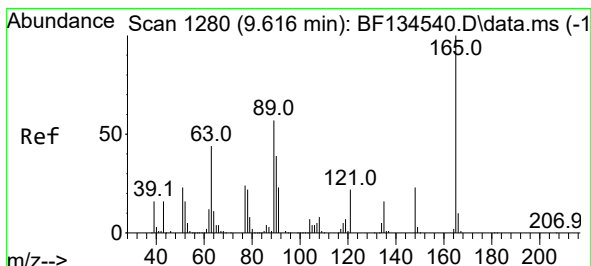
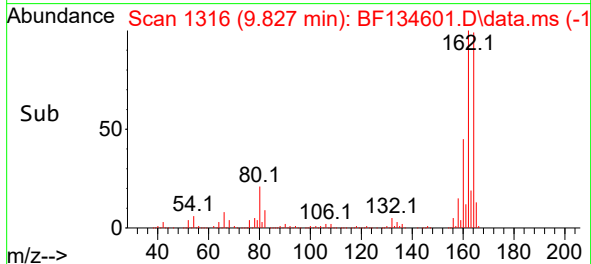
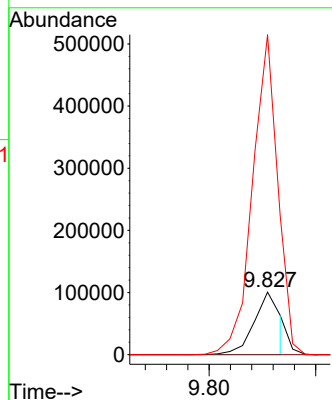
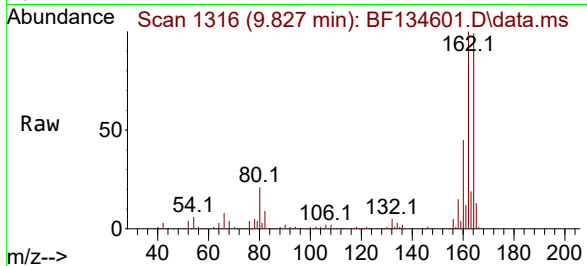




#50
Dimethylphthalate
Concen: 2.937 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.270 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

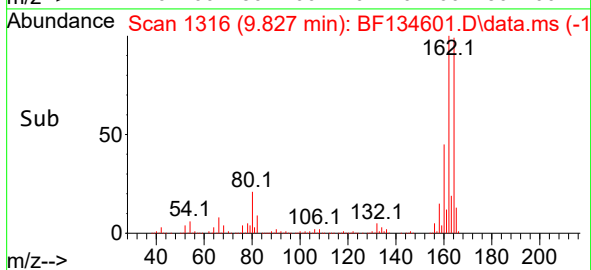
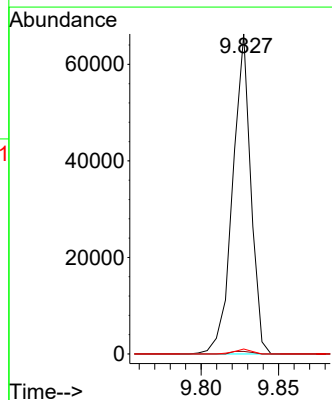
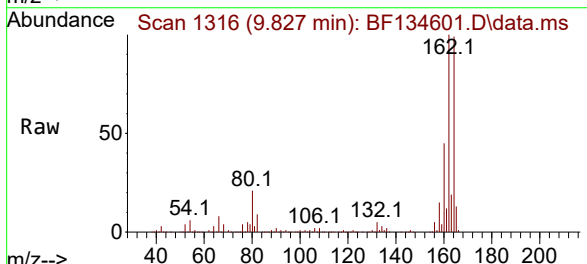
Instrument :
BNA_F
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PB154404BL

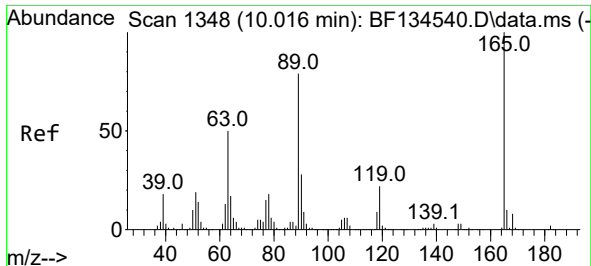
Tgt Ion:163 Resp: 84965
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 512.1 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.128 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.211 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

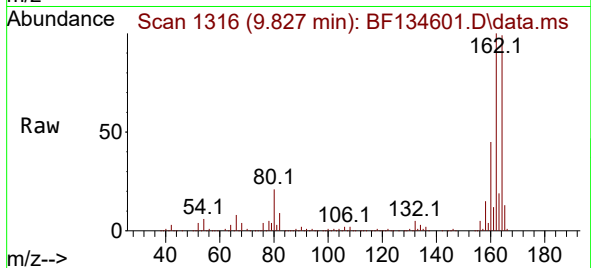
Tgt Ion:165 Resp: 53969
Ion Ratio Lower Upper
165 100
63 0.8 57.8 86.6#
89 1.5 51.8 77.8#



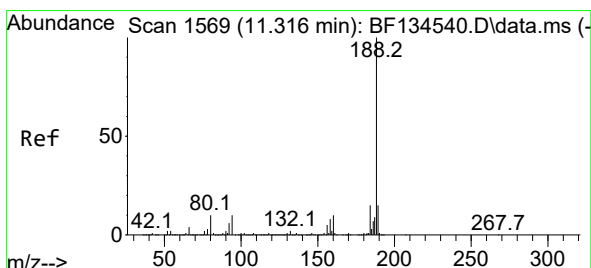
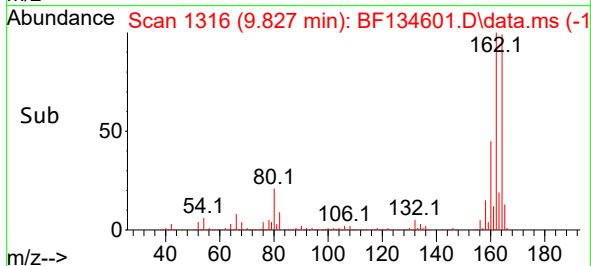
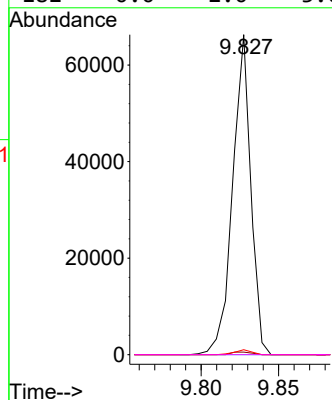


#57
2,4-Dinitrotoluene
Concen: 9.942 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

Instrument :
BNA_F
ClientSampleId :
PB154404BL

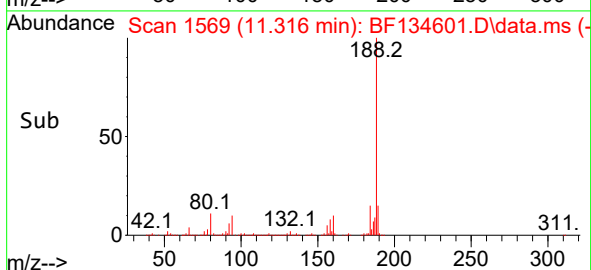
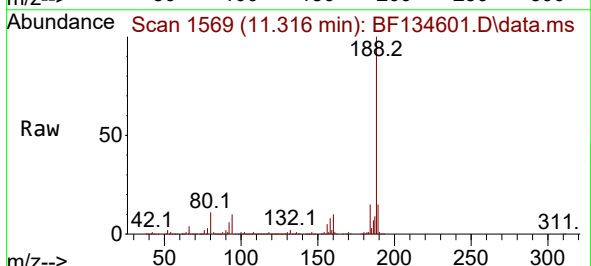
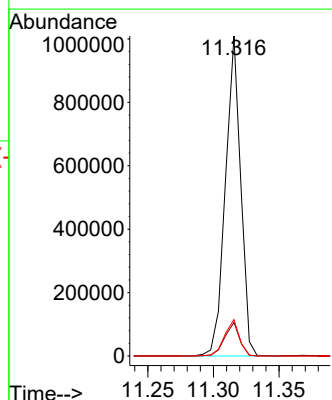


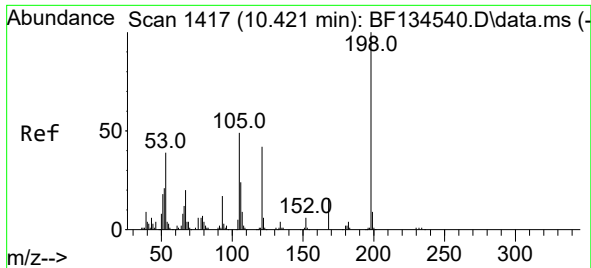
Tgt Ion:165 Resp: 53969
Ion Ratio Lower Upper
165 100
63 0.8 48.9 73.3#
89 1.5 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

Tgt Ion:188 Resp: 815521
Ion Ratio Lower Upper
188 100
94 10.5 5.1 7.7#
80 11.3 6.6 9.8#

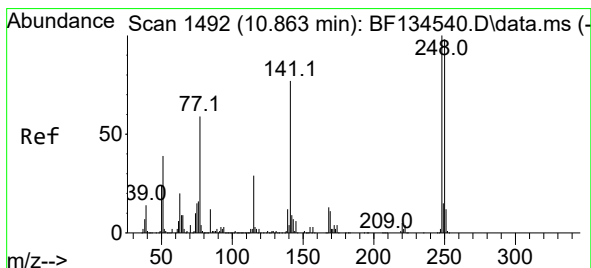
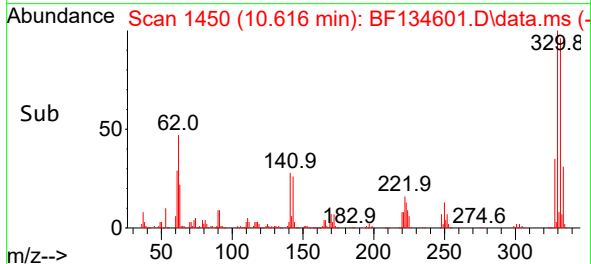
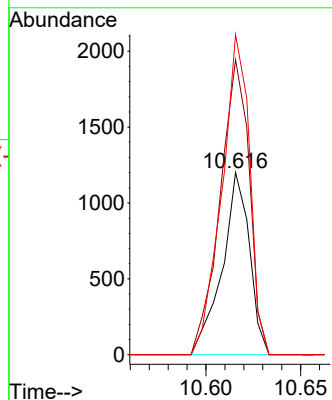
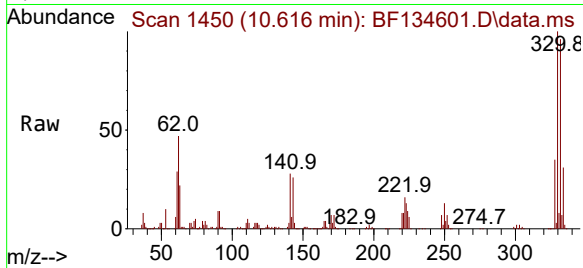




#65
4,6-Dinitro-2-methylphenol
Concen: 8.998 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.195 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

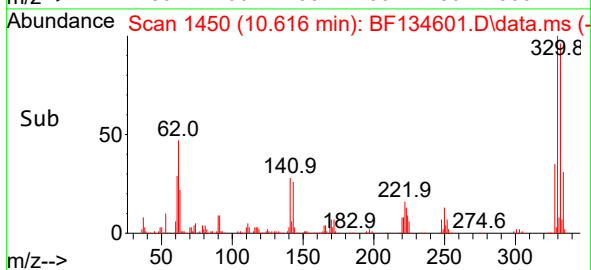
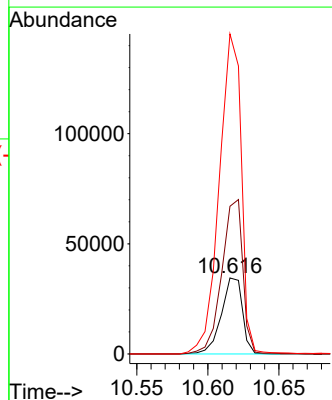
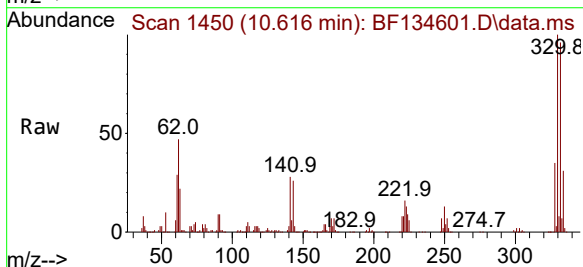
Instrument :
BNA_F
ClientSampleId :
PB154404BL

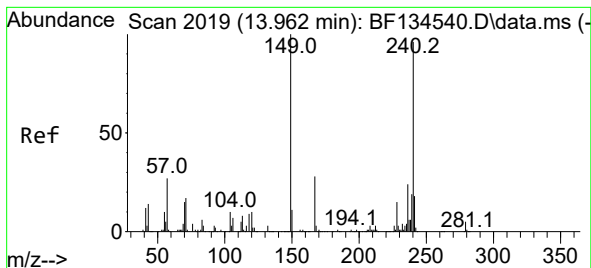
Tgt Ion:198 Resp: 1206
Ion Ratio Lower Upper
198 100
51 161.9 38.6 78.6#
105 175.6 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 4.000 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

Tgt Ion:248 Resp: 35711
Ion Ratio Lower Upper
248 100
250 194.4 79.6 119.4#
141 421.0 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF134601.D

Acq: 03 Aug 2023 09:14

Instrument :

BNA_F

ClientSampleId :

PB154404BL

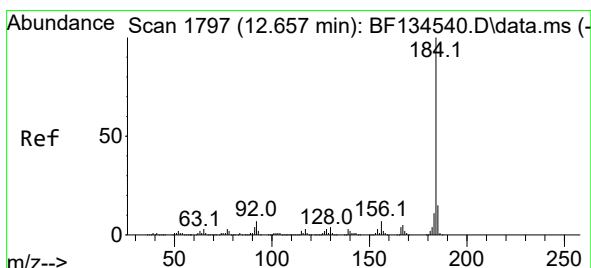
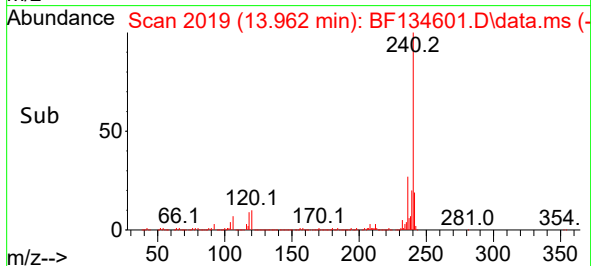
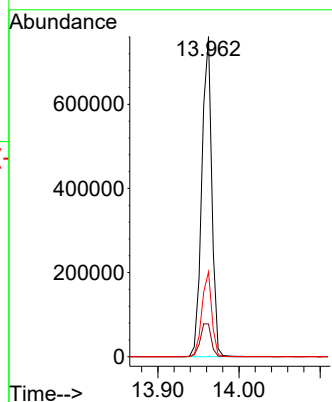
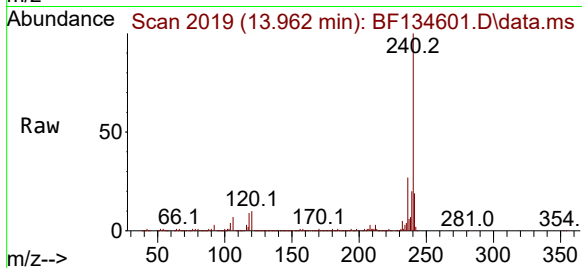
Tgt Ion:240 Resp: 652501

Ion Ratio Lower Upper

240 100

120 10.2 6.6 10.0#

236 26.5 20.2 30.2



#77

Benzidine

Concen: 2.212 ng

RT: 12.915 min Scan# 1841

Delta R.T. 0.259 min

Lab File: BF134601.D

Acq: 03 Aug 2023 09:14

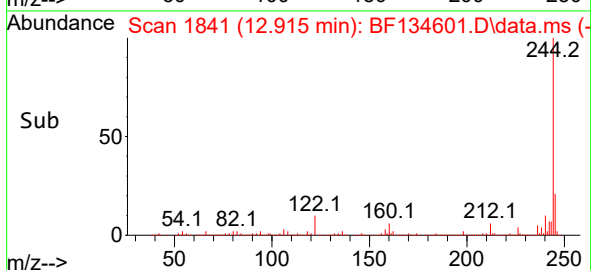
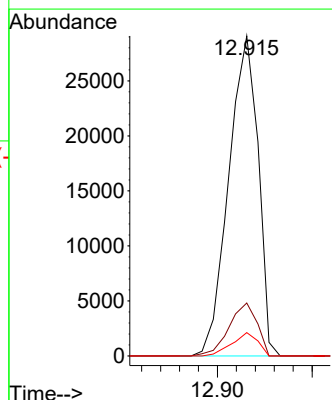
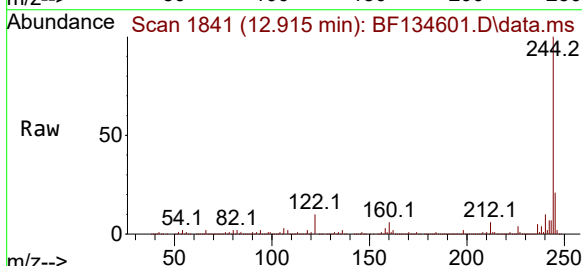
Tgt Ion:184 Resp: 31334

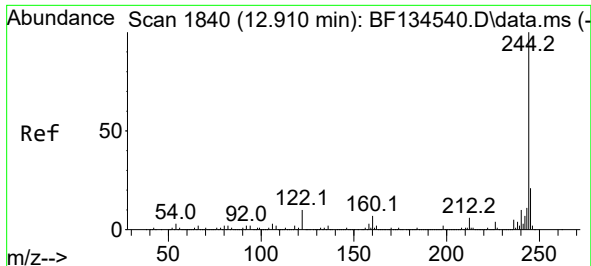
Ion Ratio Lower Upper

184 100

185 16.5 11.2 16.8

183 7.3 8.6 13.0#

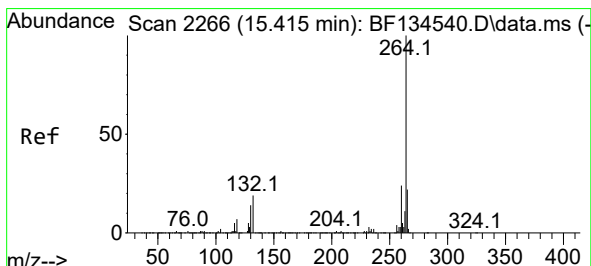
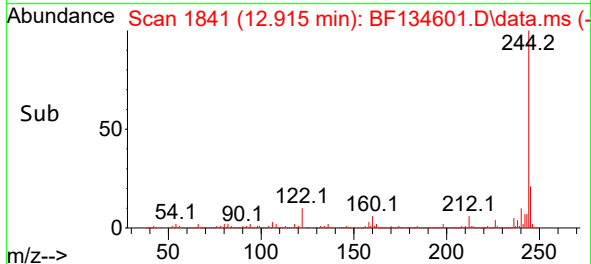
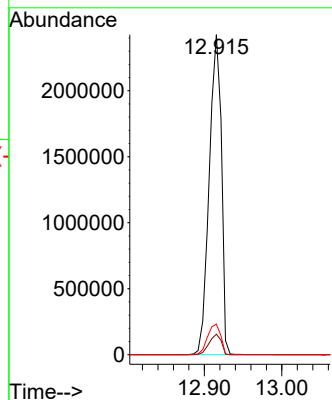
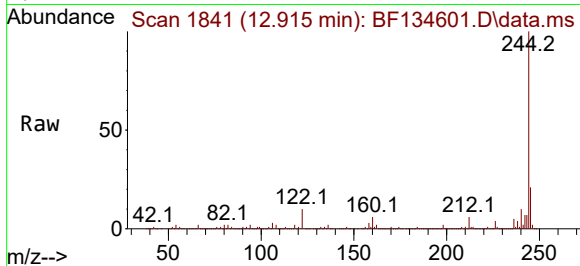




#79
 Terphenyl-d14
 Concen: 71.388 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. 0.006 min
 Lab File: BF134601.D
 Acq: 03 Aug 2023 09:14

Instrument :
 BNA_F
 ClientSampleId :
 PB154404BL

Tgt Ion:244 Resp: 2642331
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 9.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.012 min
 Lab File: BF134601.D
 Acq: 03 Aug 2023 09:14

Tgt Ion:264 Resp: 660659
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 22.3 15.8 23.8

