

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134631.D
 Acq On : 04 Aug 2023 14:20
 Operator : CG\JU
 Sample : 03886-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 500-1A-1B

Quant Time: Aug 05 00:06:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

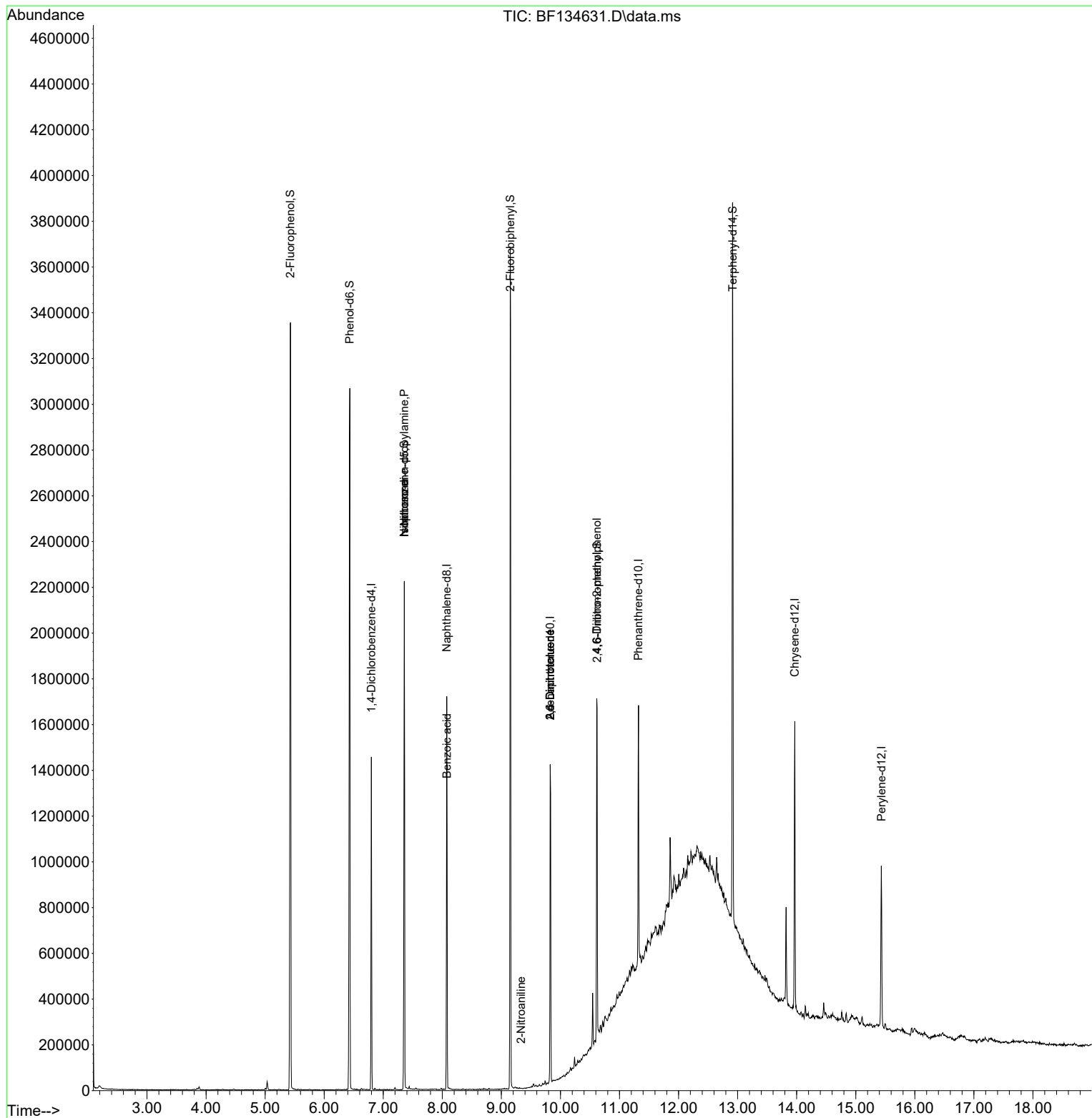
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	184258	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	674508	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	273311	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	399441	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	412498	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	315865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	905604	74.711	ng	0.00
7) Phenol-d6	6.434	99	1130056	72.931	ng	0.00
23) Nitrobenzene-d5	7.357	82	650744	60.291	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	194296	69.736	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1133964	68.985	ng	-0.01
79) Terphenyl-d14	12.916	244	1079082	46.116	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	387	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	7.357	70	87651	9.448	ng	# 73
25) Isophorone	7.357	82	647109	27.488	ng	# 65
32) Benzoic acid	8.081	122	122	7.882	ng	# 1
48) 2-Nitroaniline	9.333	65	116	3.188	ng	# 8
51) 2,6-Dinitrotoluene	9.827	165	36146	11.474	ng	# 17
57) 2,4-Dinitrotoluene	9.827	165	36146	10.226	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	507	8.956	ng	# 1

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

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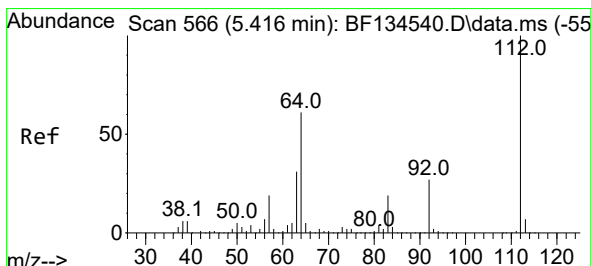
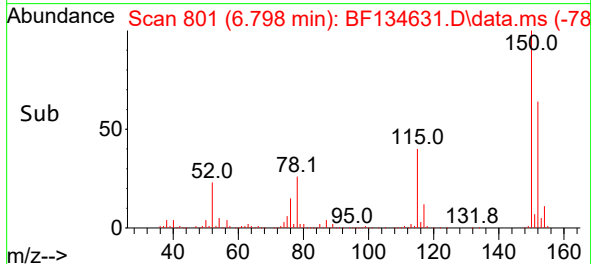
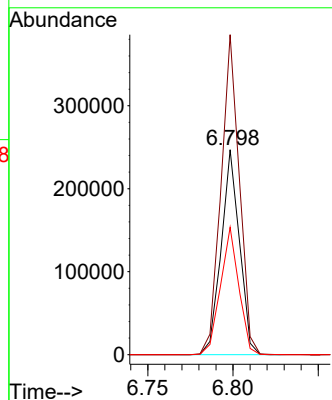
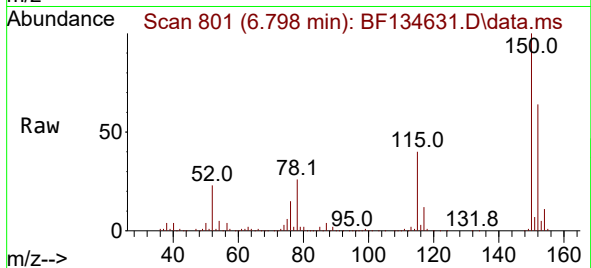




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

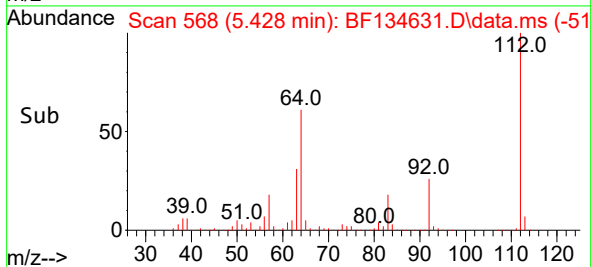
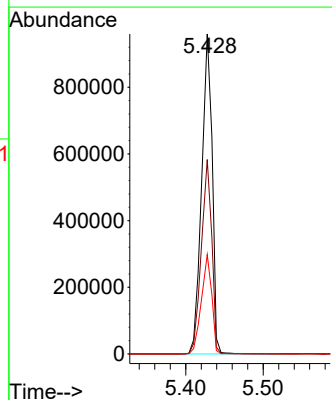
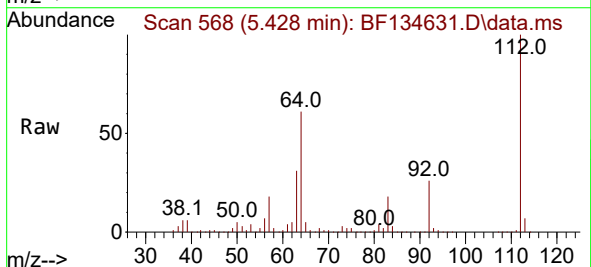
Instrument :
BNA_F
ClientSampleId :
500-1A-1B

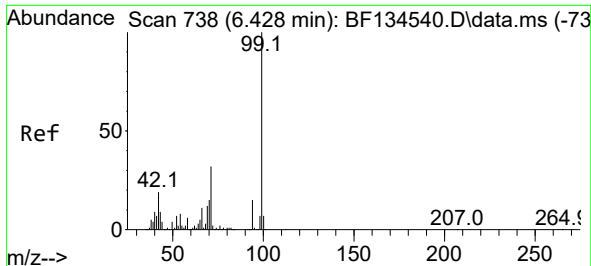
Tgt Ion:152 Resp: 184258
Ion Ratio Lower Upper
152 100
150 156.1 128.3 192.5
115 62.1 52.4 78.6



#5
2-Fluorophenol
Concen: 74.711 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

Tgt Ion:112 Resp: 905604
Ion Ratio Lower Upper
112 100
64 60.8 44.9 67.3
63 31.1 25.4 38.0

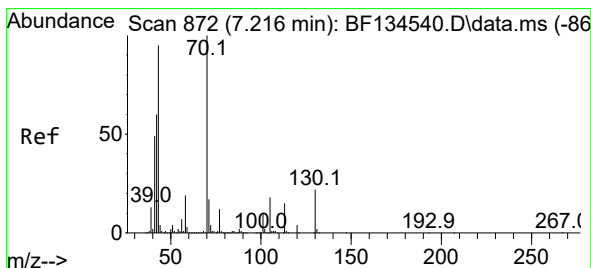
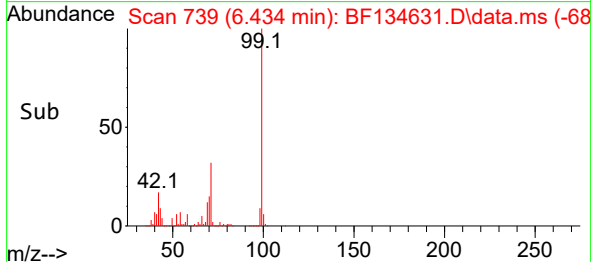
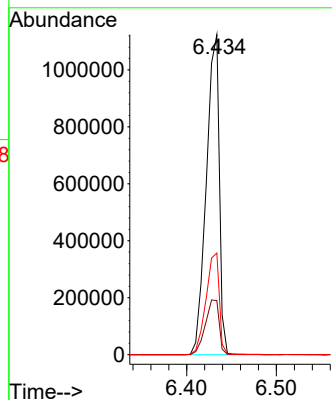
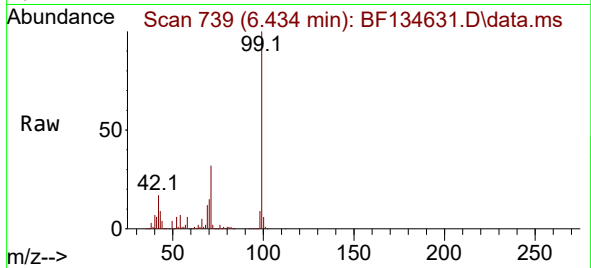




#7
Phenol-d6
Concen: 72.931 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

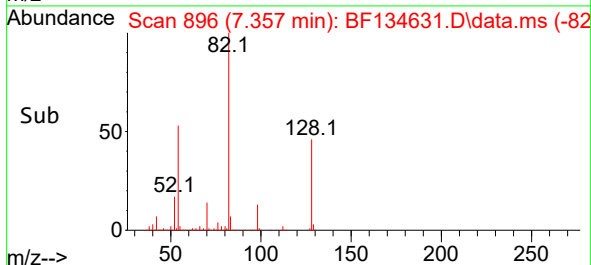
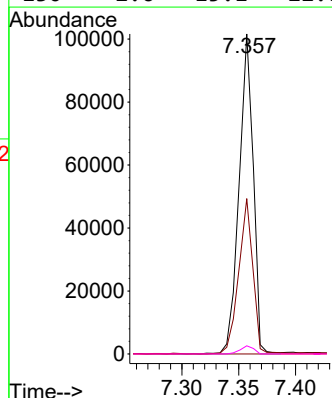
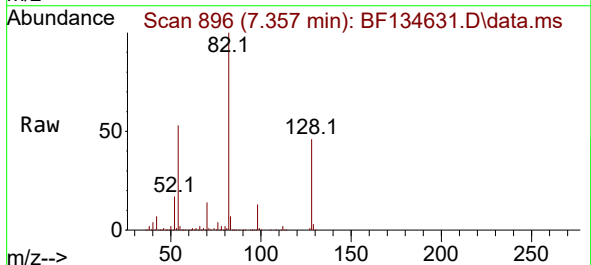
Instrument :
BNA_F
ClientSampleId :
500-1A-1B

Tgt Ion: 99 Resp: 1130056
Ion Ratio Lower Upper
99 100
42 16.9 18.7 28.1#
71 31.7 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.448 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

Tgt Ion: 70 Resp: 87651
Ion Ratio Lower Upper
70 100
42 48.5 54.7 82.1#
101 0.0 8.2 12.2#
130 2.6 15.1 22.7#

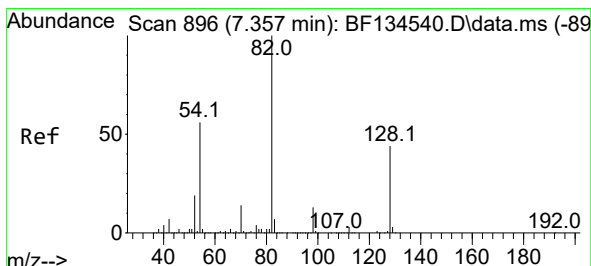
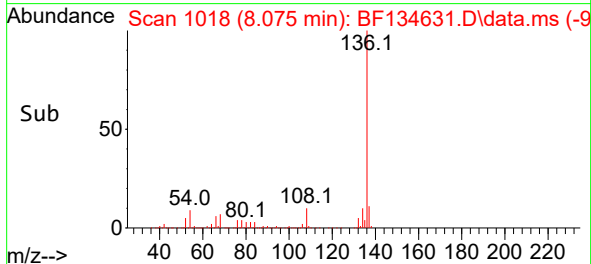
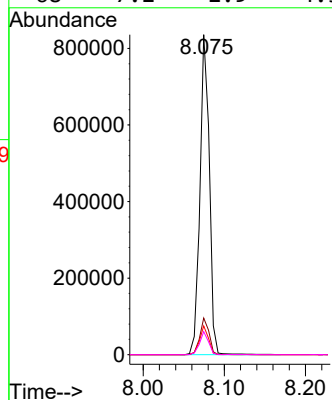
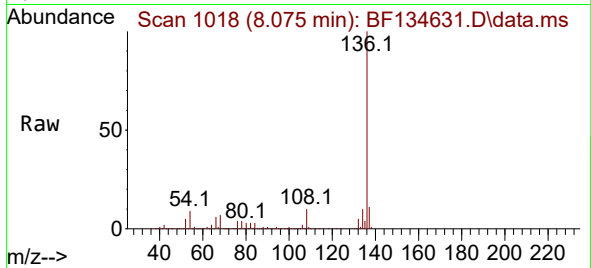




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

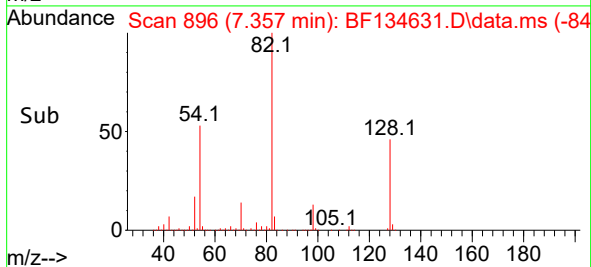
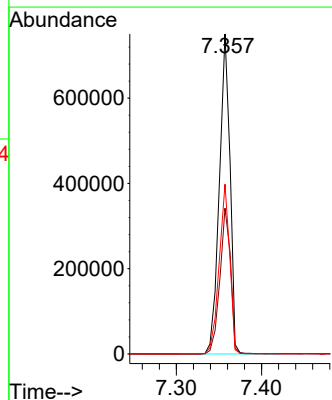
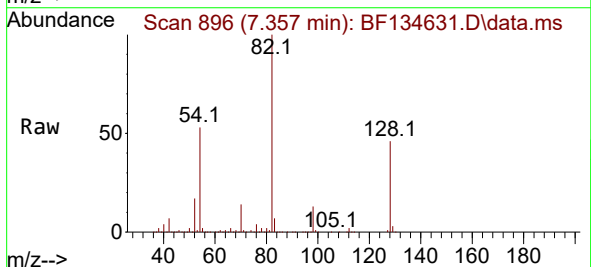
Instrument :
BNA_F
ClientSampleId :
500-1A-1B

Tgt Ion:136 Resp: 674508
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.0 5.2 7.8#
68 7.2 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 60.291 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

Tgt Ion: 82 Resp: 650744
Ion Ratio Lower Upper
82 100
128 45.5 34.3 51.5
54 53.1 43.8 65.6

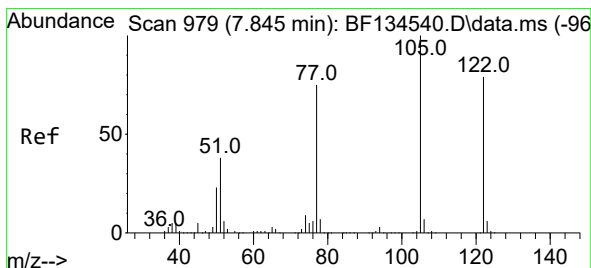
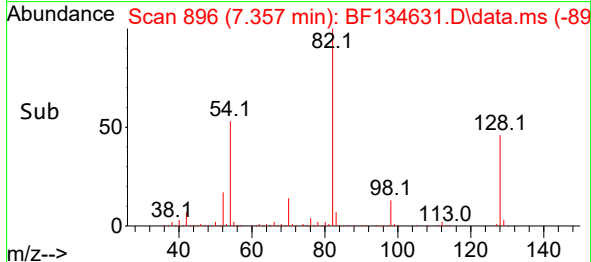
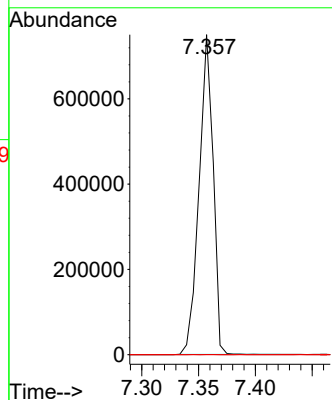
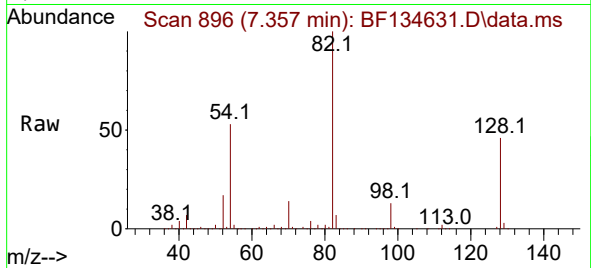




#25
Isophorone
Concen: 27.488 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

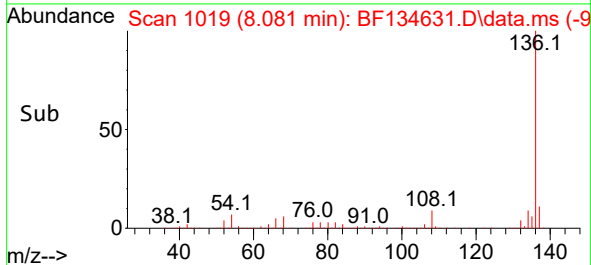
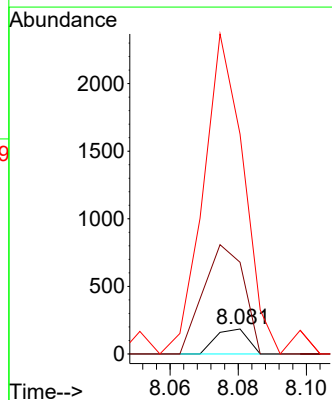
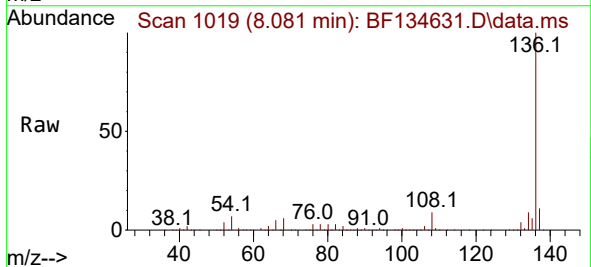
Instrument :
BNA_F
ClientSampleId :
500-1A-1B

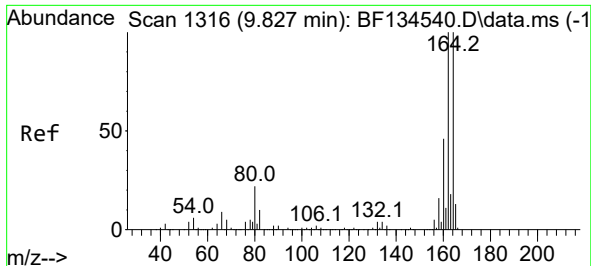
Tgt Ion: 82 Resp: 647109
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.882 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.218 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

Tgt Ion: 122 Resp: 122
Ion Ratio Lower Upper
122 100
105 366.5 87.5 127.5#
77 878.9 71.4 111.4#

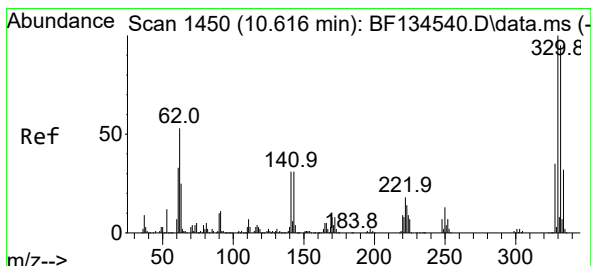
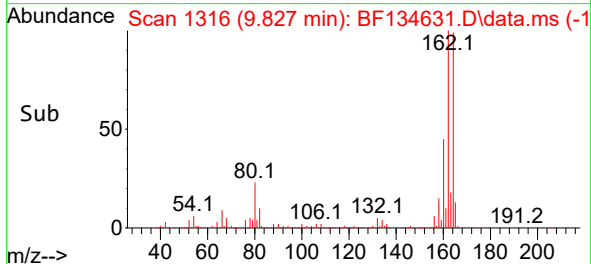
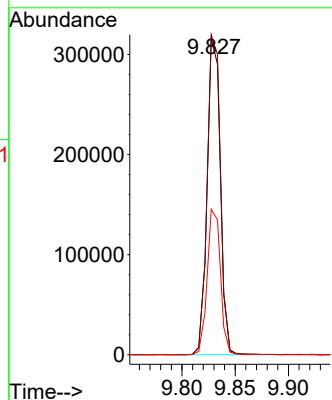
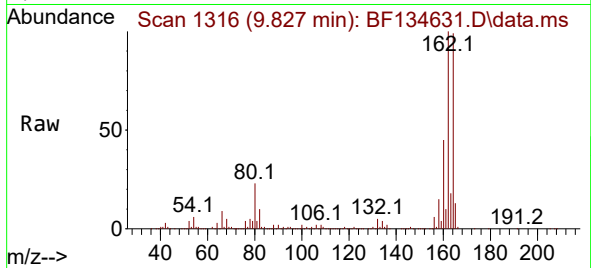




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

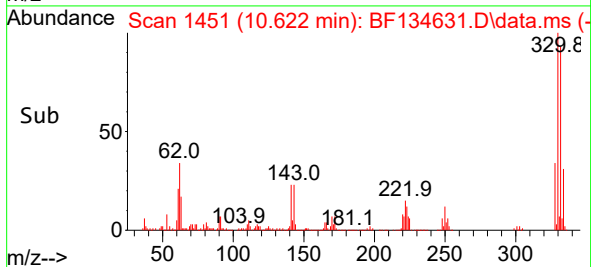
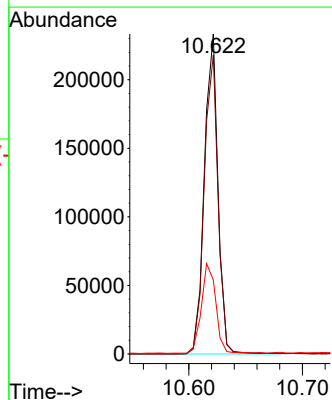
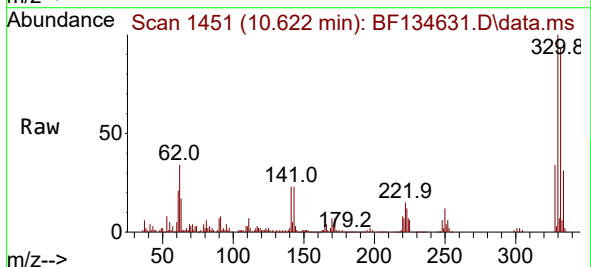
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BNA_F
ClientSampleId :
500-1A-1B

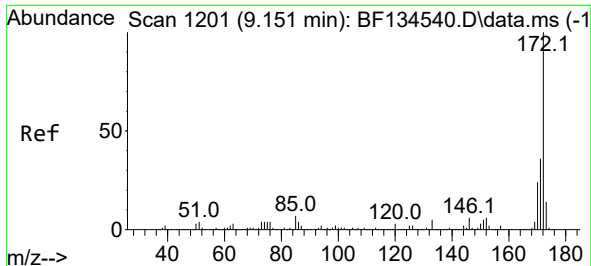
Tgt Ion:164 Resp: 273311
Ion Ratio Lower Upper
164 100
162 101.2 82.6 123.8
160 46.0 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 69.736 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

Tgt Ion:330 Resp: 194296
Ion Ratio Lower Upper
330 100
332 94.7 78.8 118.2
141 29.6 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 68.985 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134631.D

Acq: 04 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

500-1A-1B

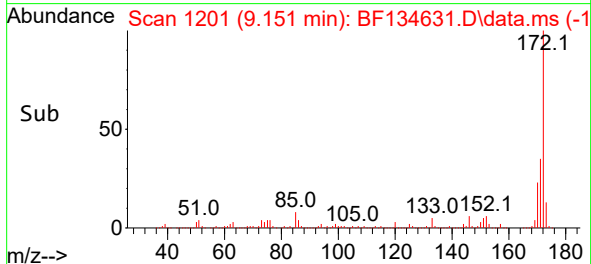
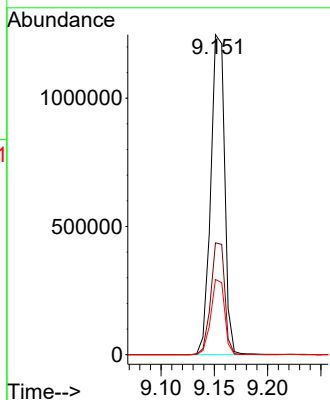
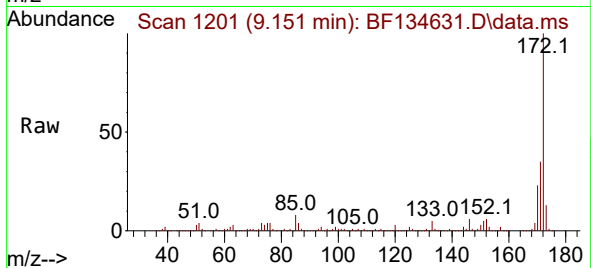
Tgt Ion:172 Resp: 1133964

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.5 18.7 28.1



#48

2-Nitroaniline

Concen: 3.188 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.047 min

Lab File: BF134631.D

Acq: 04 Aug 2023 14:20

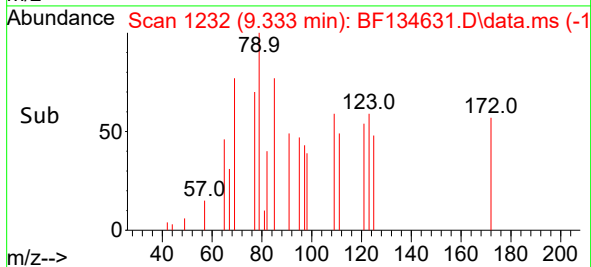
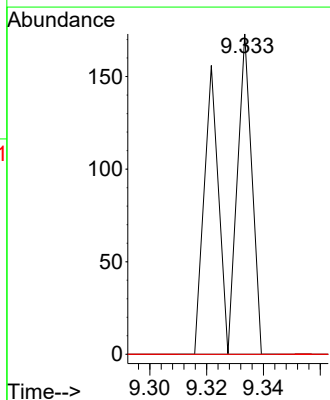
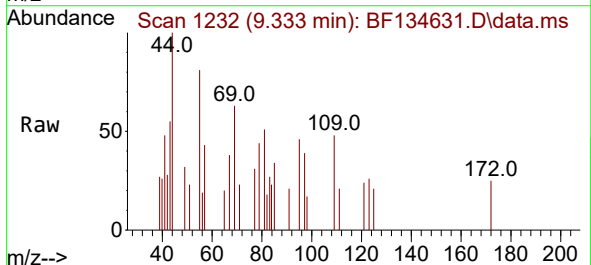
Tgt Ion: 65 Resp: 116

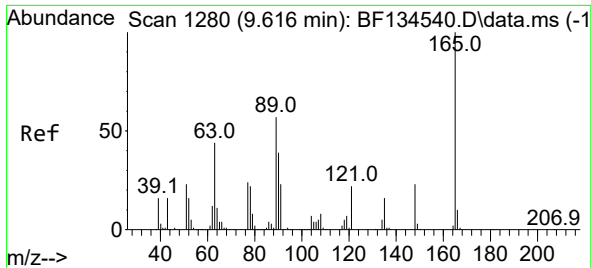
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

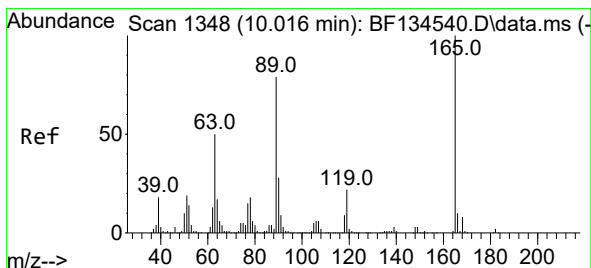
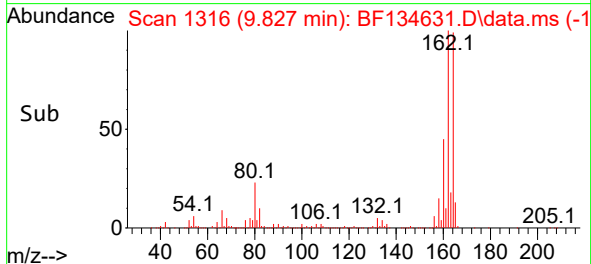
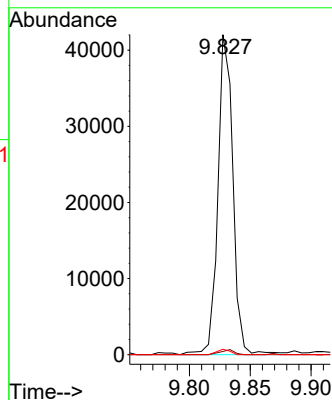
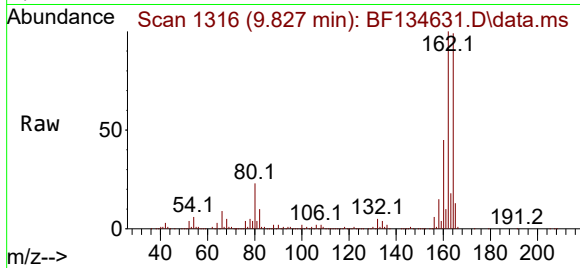




#51
2,6-Dinitrotoluene
Concen: 11.474 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

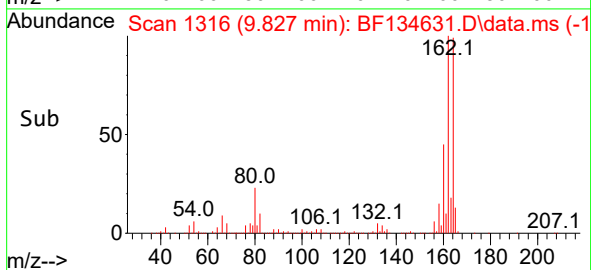
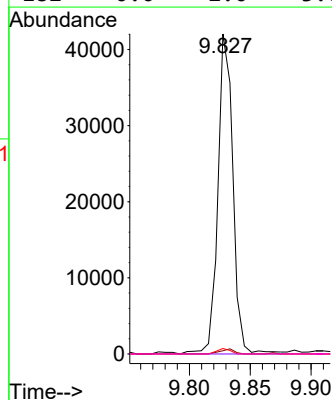
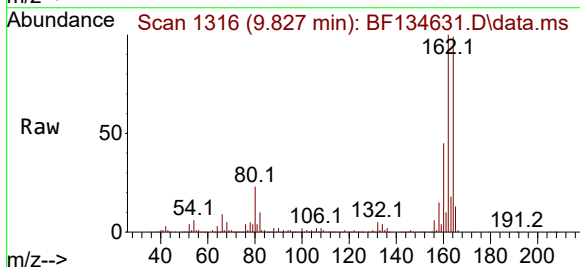
Instrument :
BNA_F
ClientSampleId :
500-1A-1B

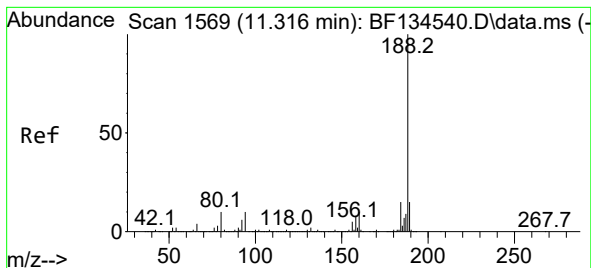
Tgt Ion:165 Resp: 36146
Ion Ratio Lower Upper
165 100
63 1.0 57.8 86.6#
89 1.7 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.226 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

Tgt Ion:165 Resp: 36146
Ion Ratio Lower Upper
165 100
63 1.0 48.9 73.3#
89 1.7 61.7 92.5#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134631.D

Acq: 04 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

500-1A-1B

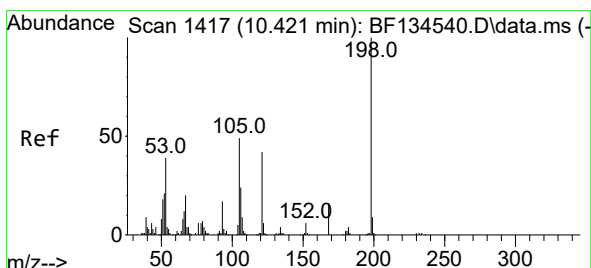
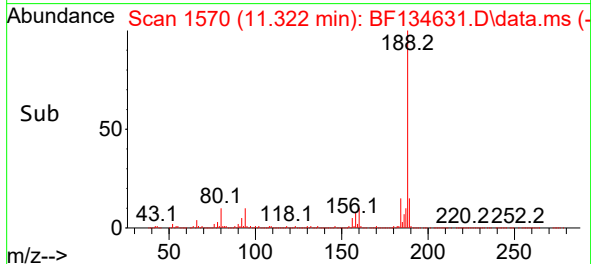
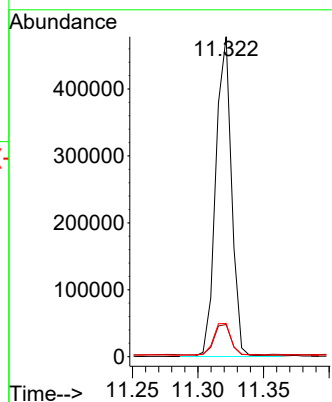
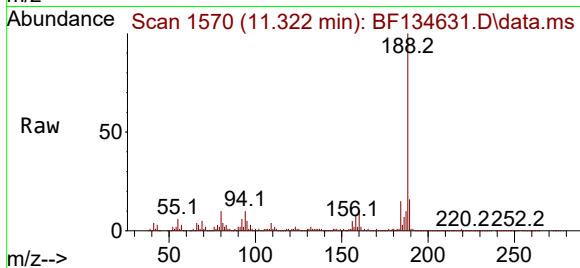
Tgt Ion:188 Resp: 399441

Ion Ratio Lower Upper

188 100

94 10.1 5.1 7.7#

80 10.4 6.6 9.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 8.956 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.176 min

Lab File: BF134631.D

Acq: 04 Aug 2023 14:20

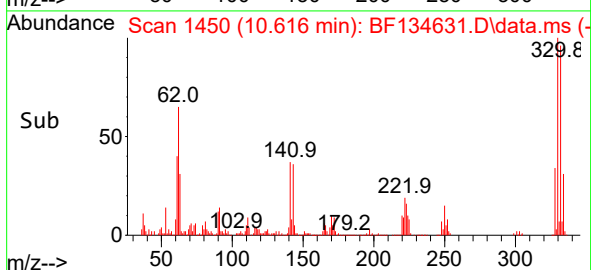
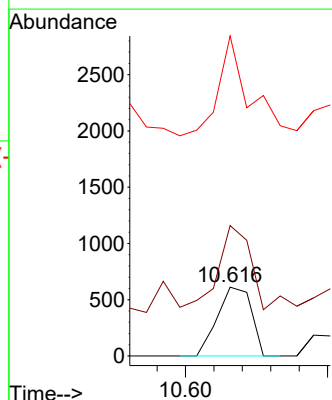
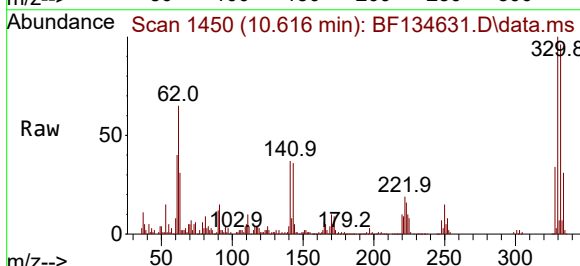
Tgt Ion:198 Resp: 507

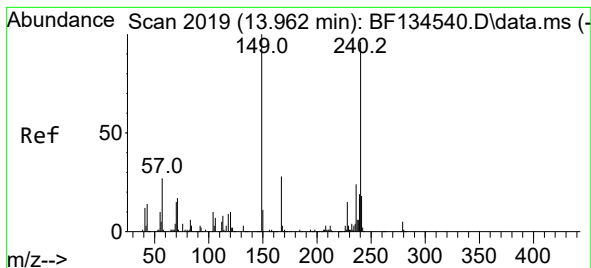
Ion Ratio Lower Upper

198 100

51 189.4 38.6 78.6#

105 464.7 27.9 67.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134631.D

Acq: 04 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

500-1A-1B

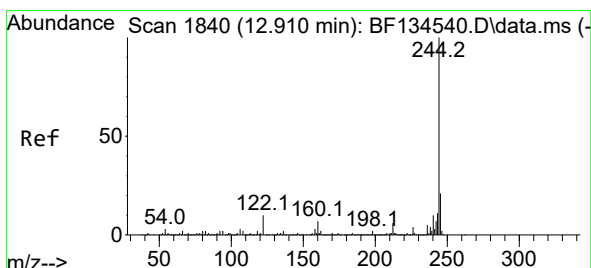
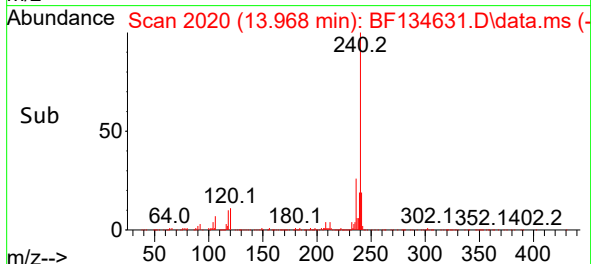
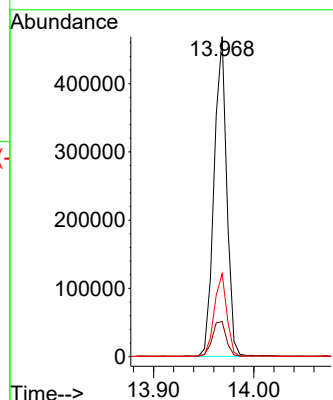
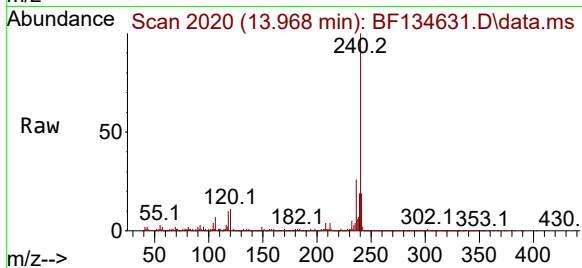
Tgt Ion:240 Resp: 412498

Ion Ratio Lower Upper

240 100

120 11.0 6.6 10.0#

236 25.9 20.2 30.2



#79

Terphenyl-d14

Concen: 46.116 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134631.D

Acq: 04 Aug 2023 14:20

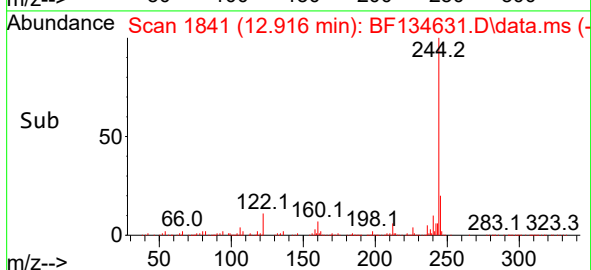
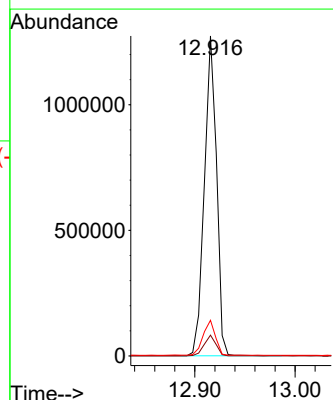
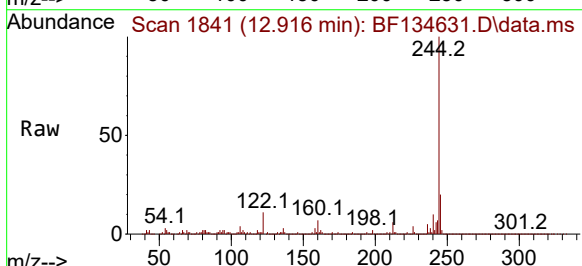
Tgt Ion:244 Resp: 1079082

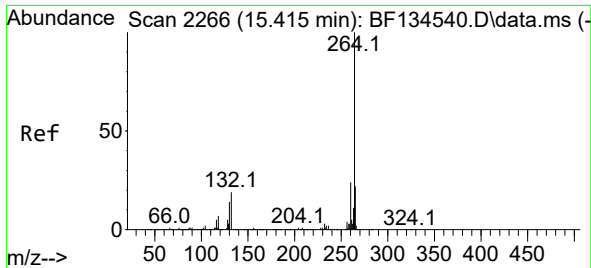
Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 11.2 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134631.D
Acq: 04 Aug 2023 14:20

Instrument :
BNA_F
ClientSampleId :
500-1A-1B

Tgt Ion:264 Resp: 315865
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.7 15.8 23.8

