

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
 Data File : BF134784.D
 Acq On : 15 Aug 2023 14:50
 Operator : CG\JU
 Sample : PB154832BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154832BL

Quant Time: Aug 16 03:11:02 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)

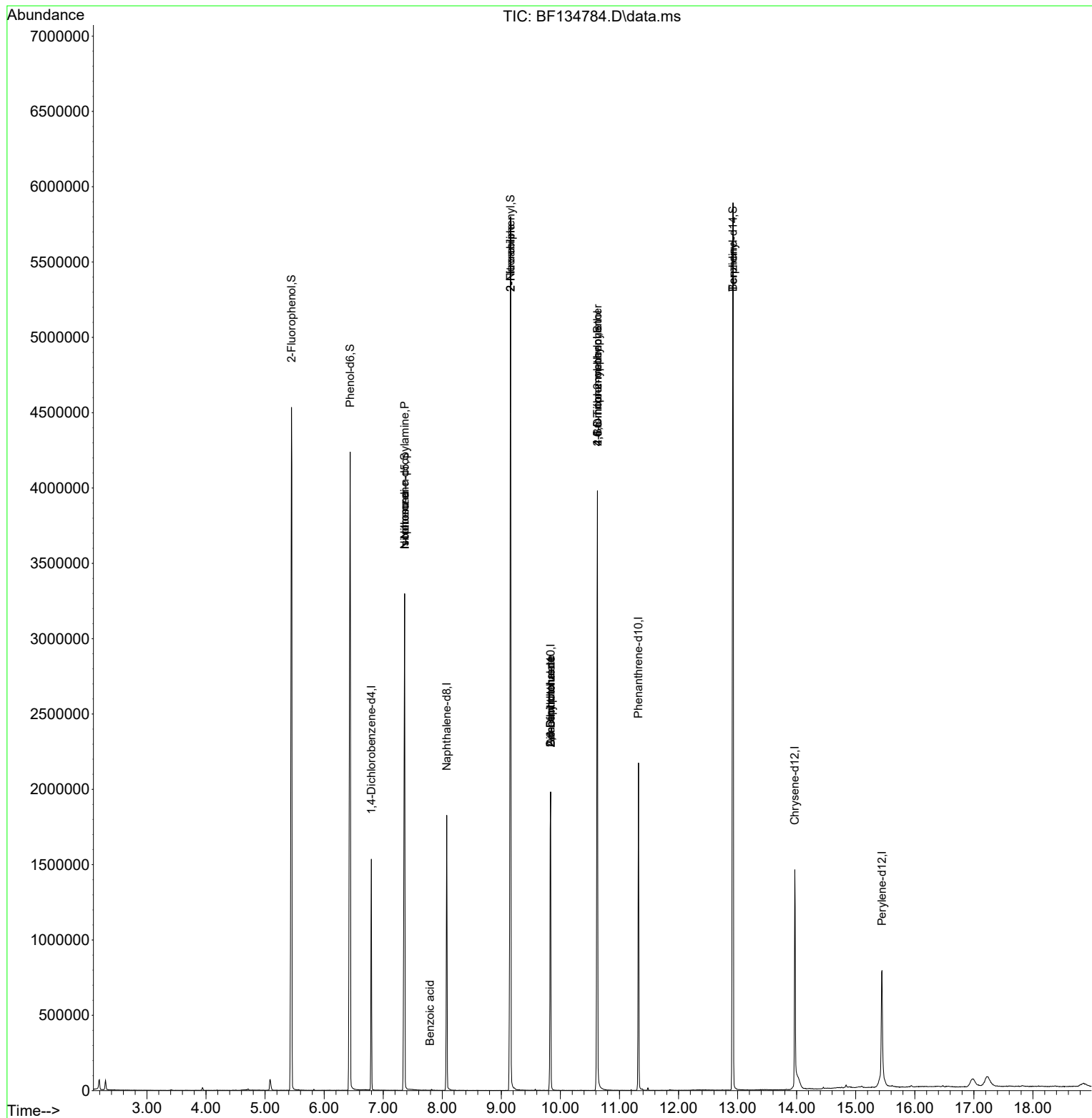
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	209948	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	830940	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	426932	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	782440	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	526132	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	458976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1602454	116.024	ng	0.02
7) Phenol-d6	6.440	99	2032023	115.094	ng	0.00
23) Nitrobenzene-d5	7.363	82	1289527	96.982	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	618004	141.999	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2211700	86.135	ng	0.00
79) Terphenyl-d14	12.922	244	2512413	84.181	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.440	77	3281	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.363	70	173428	16.407	ng	# 72
25) Isophorone	7.363	82	1268343	43.734	ng	# 65
32) Benzoic acid	7.792	122	129	7.880	ng	# 45
48) 2-Nitroaniline	9.157	65	3599	3.600	ng	# 1
50) Dimethylphthalate	9.834	163	91536	3.146	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	54142	11.105	ng	# 17
57) 2,4-Dinitrotoluene	9.834	165	54142	9.923	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.628	198	1269	9.027	ng	# 1
67) 4-Bromophenyl-phenylether	10.628	248	37284	4.353	ng	# 1
77) Benzidine	12.922	184	29354	2.570	ng	# 93

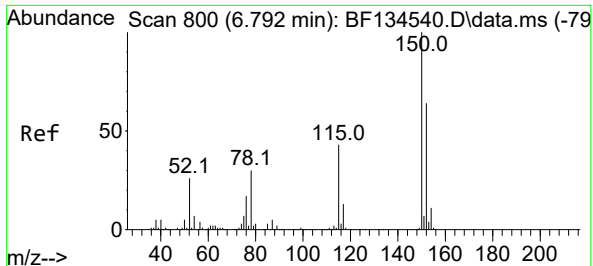
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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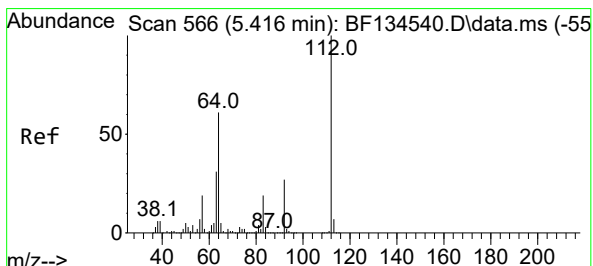
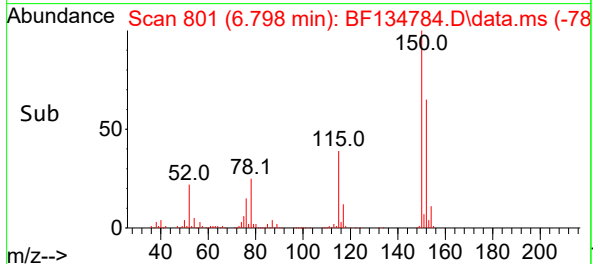
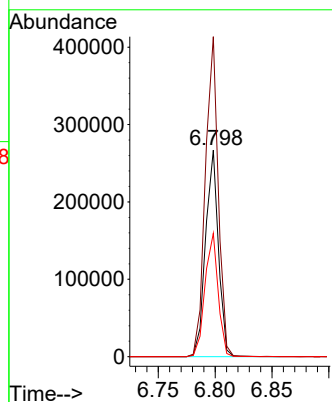
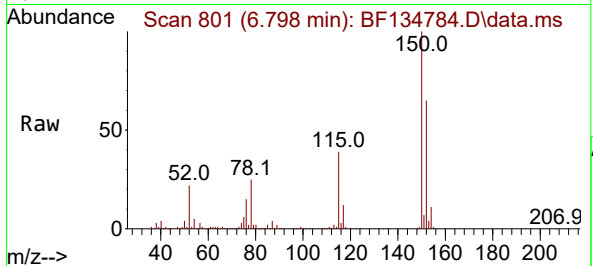




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

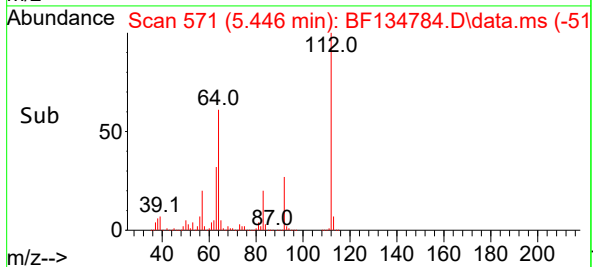
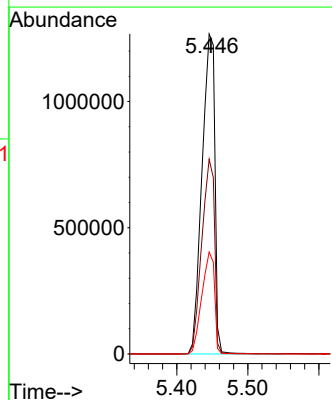
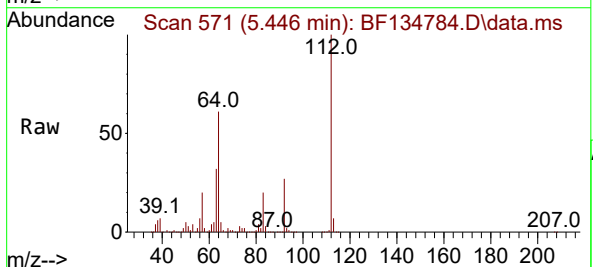
Instrument :
BNA_F
ClientSampleId :
PB154832BL

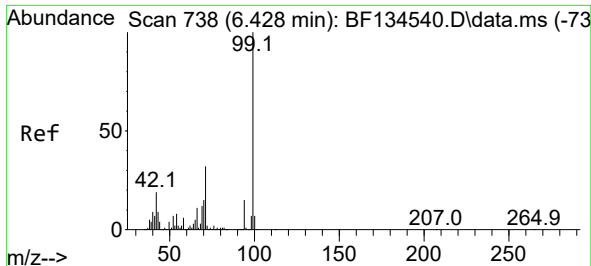
Tgt Ion:152 Resp: 209948
Ion Ratio Lower Upper
152 100
150 154.9 128.3 192.5
115 59.7 52.4 78.6



#5
2-Fluorophenol
Concen: 116.024 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

Tgt Ion:112 Resp: 1602454
Ion Ratio Lower Upper
112 100
64 60.8 44.9 67.3
63 31.8 25.4 38.0

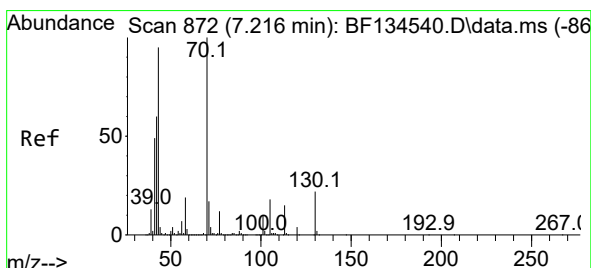
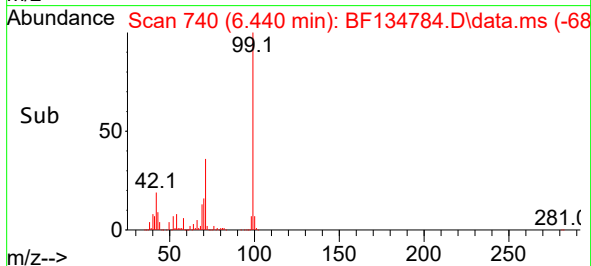
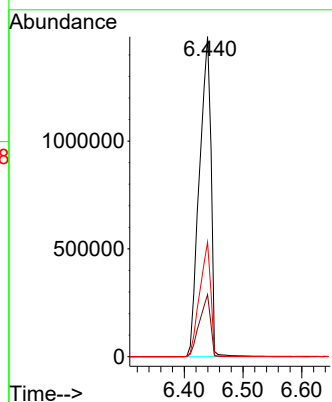
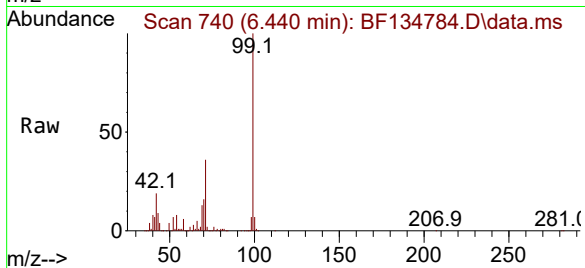




#7
Phenol-d6
Concen: 115.094 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

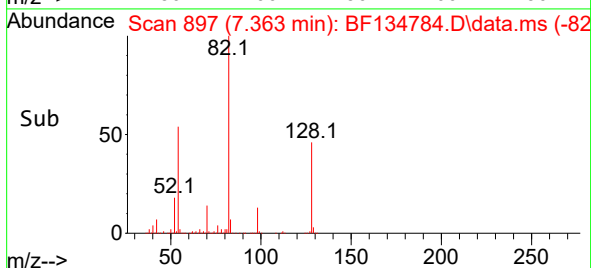
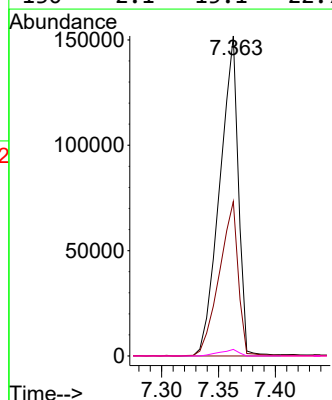
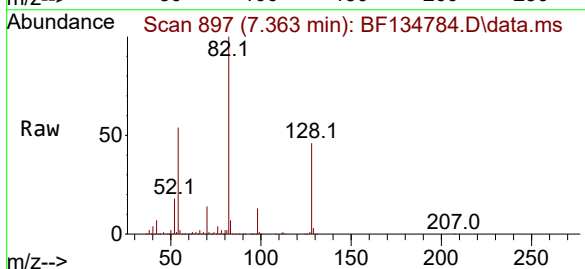
Instrument :
BNA_F
ClientSampleId :
PB154832BL

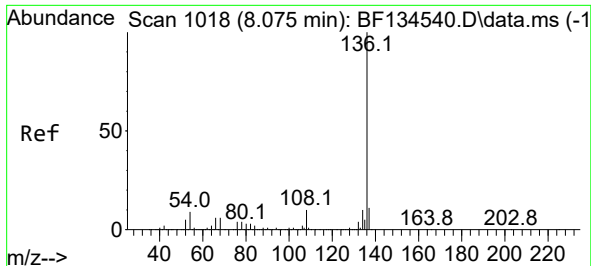
Tgt Ion: 99 Resp: 2032023
Ion Ratio Lower Upper
99 100
42 19.4 18.7 28.1
71 35.8 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 16.407 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

Tgt Ion: 70 Resp: 173428
Ion Ratio Lower Upper
70 100
42 48.2 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. -0.006 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

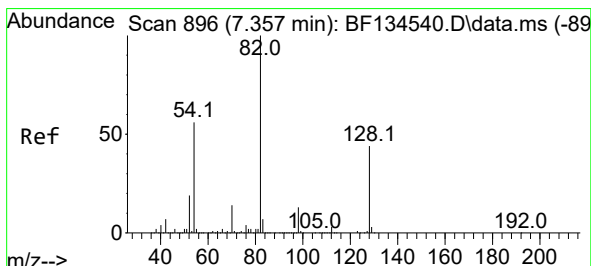
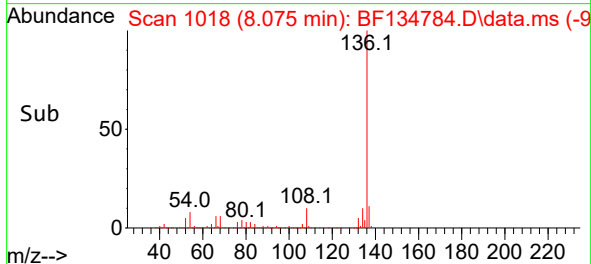
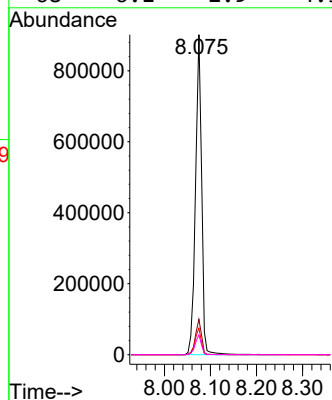
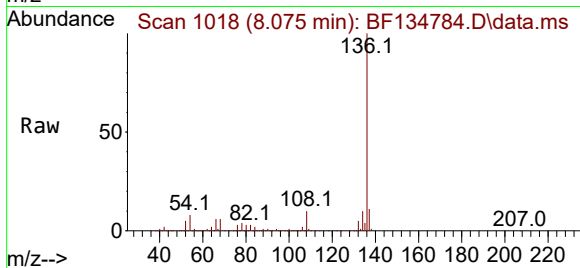
Instrument :

BNA_F

ClientSampleId :

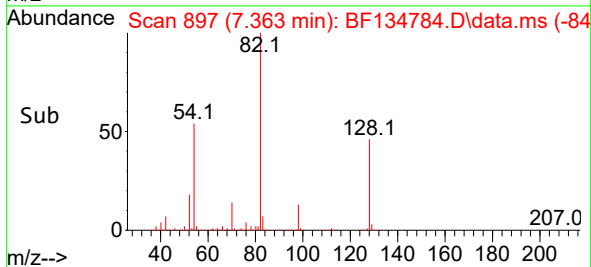
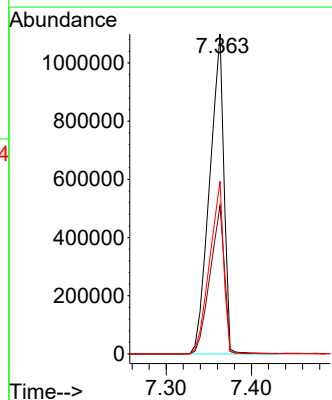
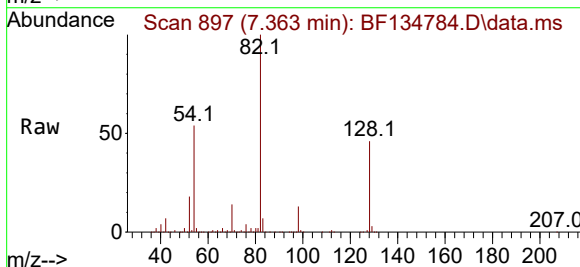
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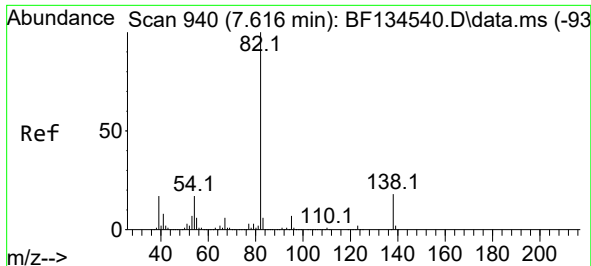
Tgt Ion:136 Resp: 830940
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.3 5.2 7.8#
68 6.1 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 96.982 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

Tgt Ion: 82 Resp: 1289527
Ion Ratio Lower Upper
82 100
128 46.4 34.3 51.5
54 54.0 43.8 65.6

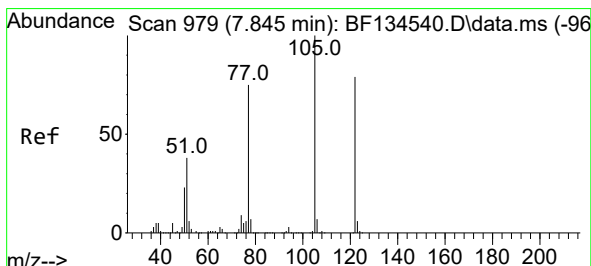
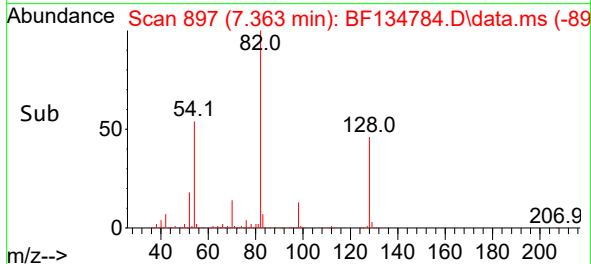
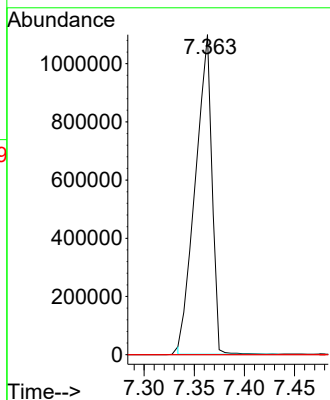
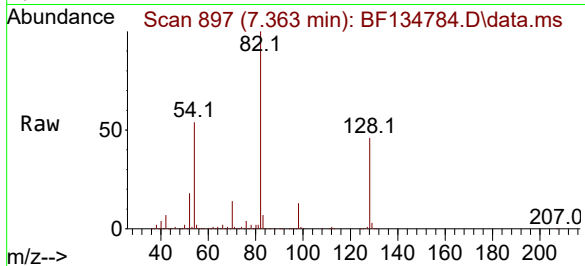




#25
Isophorone
Concen: 43.734 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

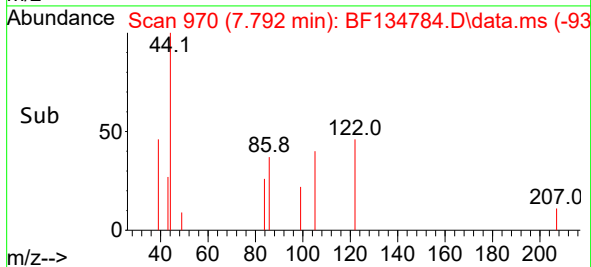
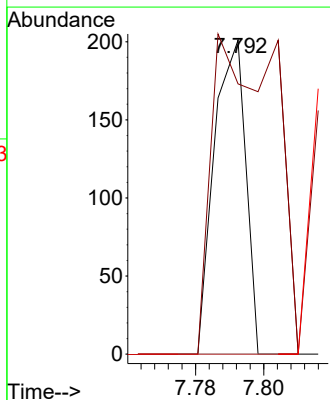
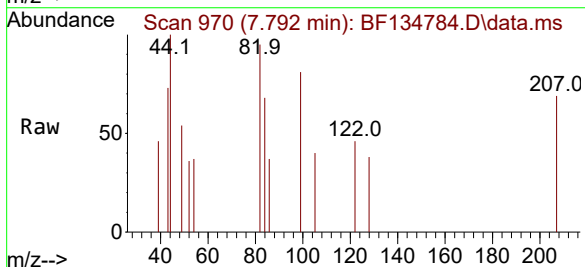
Instrument :
BNA_F
ClientSampleId :
PB154832BL

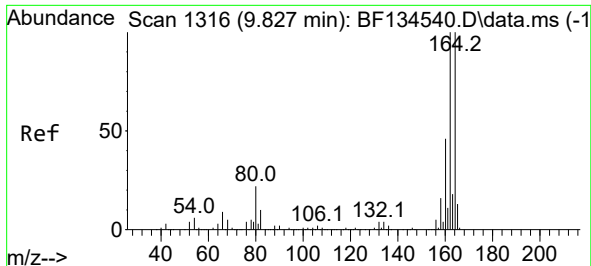
Tgt Ion: 82 Resp: 1268343
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.880 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.070 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

Tgt Ion:122 Resp: 129
Ion Ratio Lower Upper
122 100
105 86.1 87.5 127.5#
77 0.0 71.4 111.4#

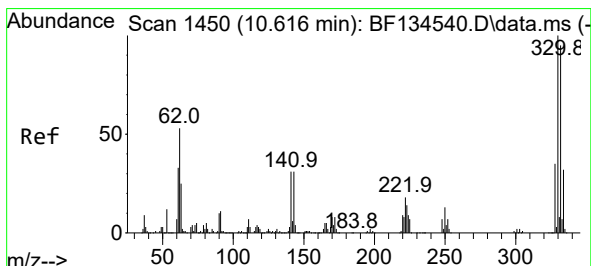
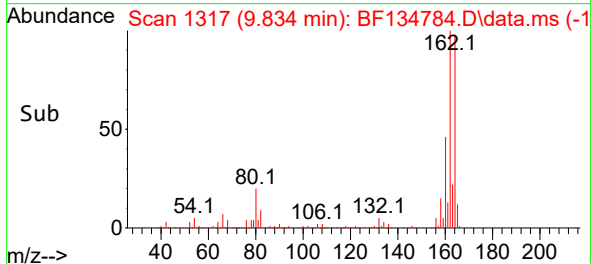
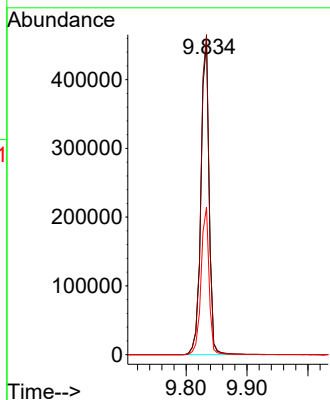
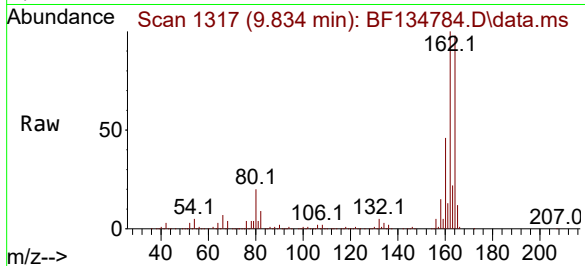




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

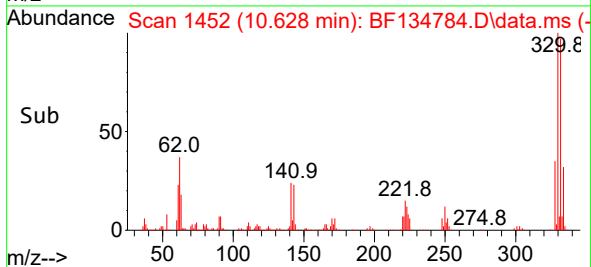
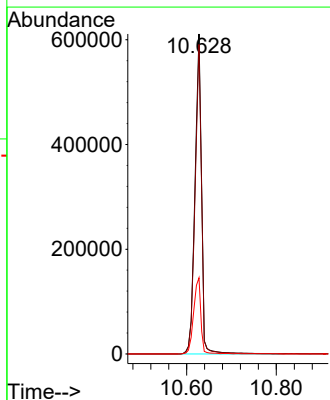
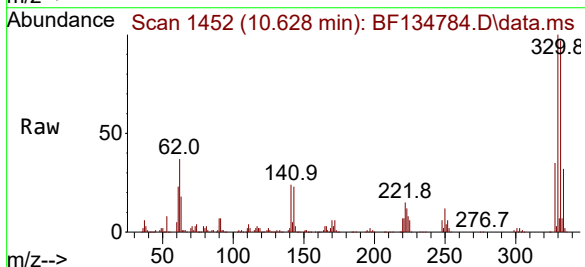
Instrument :
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ClientSampleId :
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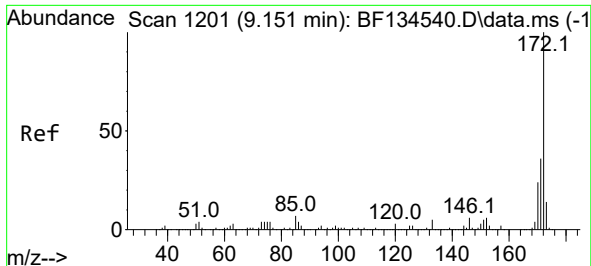
Tgt Ion:164 Resp: 426932
Ion Ratio Lower Upper
164 100
162 102.3 82.6 123.8
160 47.2 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 141.999 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

Tgt Ion:330 Resp: 618004
Ion Ratio Lower Upper
330 100
332 95.8 78.8 118.2
141 26.5 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 86.135 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134784.D

Acq: 15 Aug 2023 14:50

Instrument :

BNA_F

ClientSampleId :

PB154832BL

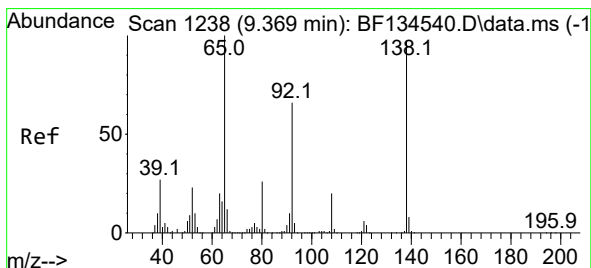
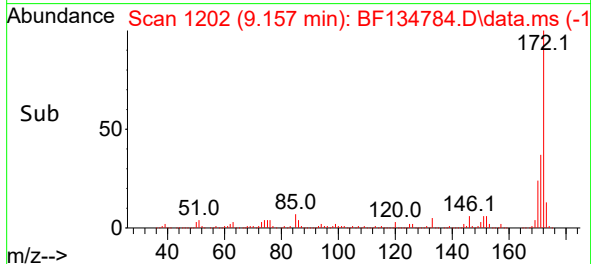
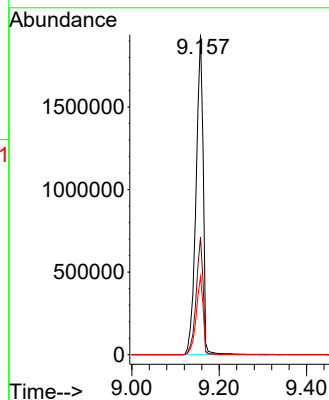
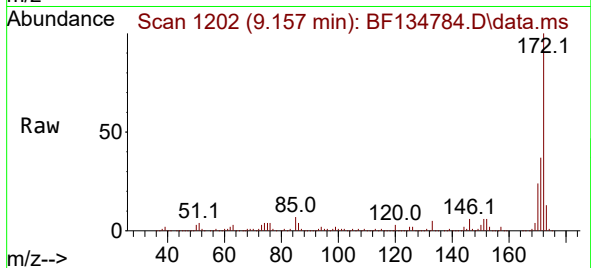
Tgt Ion:172 Resp: 2211700

Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.3 18.7 28.1



#48

2-Nitroaniline

Concen: 3.600 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.223 min

Lab File: BF134784.D

Acq: 15 Aug 2023 14:50

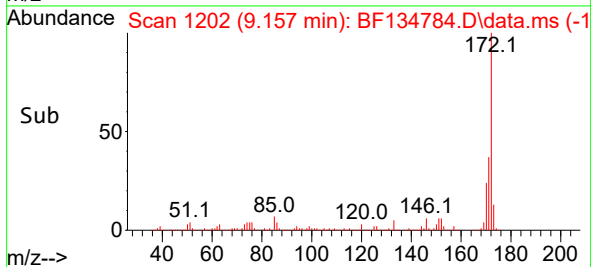
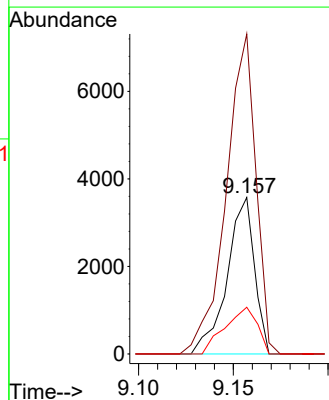
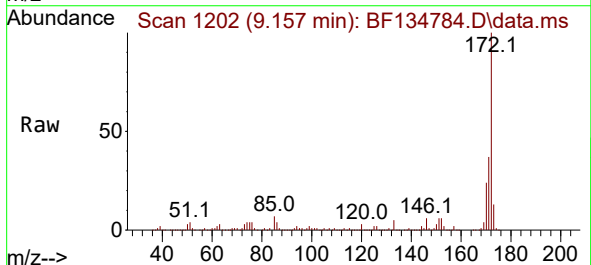
Tgt Ion: 65 Resp: 3599

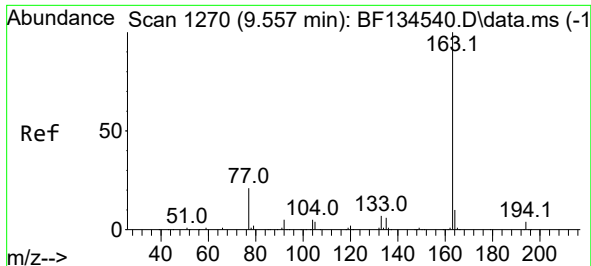
Ion Ratio Lower Upper

65 100

92 204.5 50.7 76.1#

138 29.9 78.2 117.4#

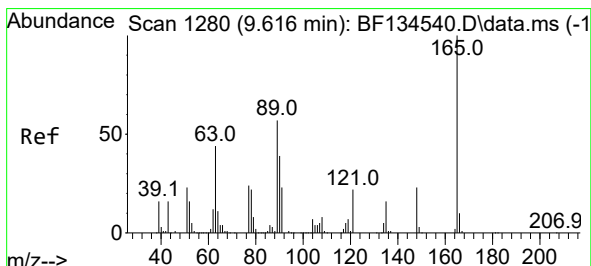
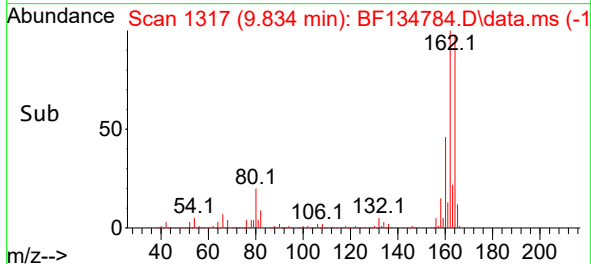
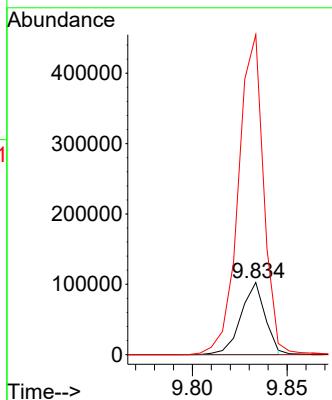
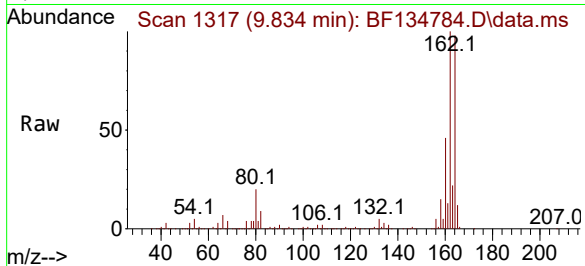




#50
Dimethylphthalate
Concen: 3.146 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

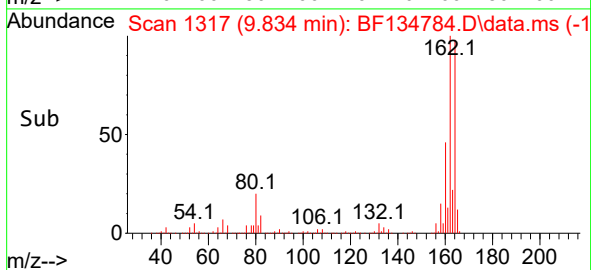
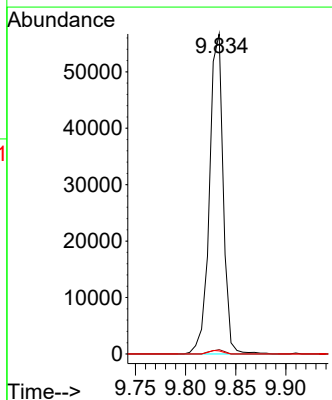
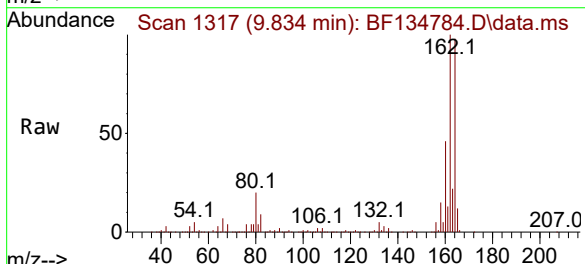
Instrument :
BNA_F
ClientSampleId :
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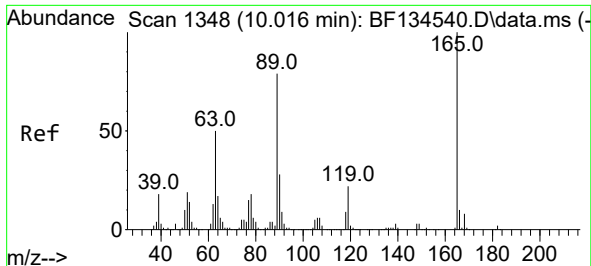
Tgt Ion:163 Resp: 91536
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 443.4 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.105 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

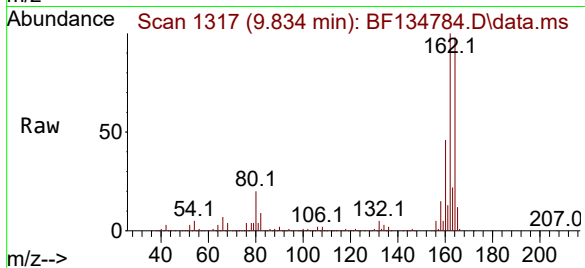
Tgt Ion:165 Resp: 54142
Ion Ratio Lower Upper
165 100
63 1.3 57.8 86.6#
89 1.0 51.8 77.8#



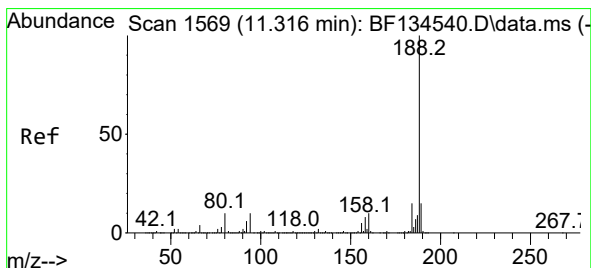
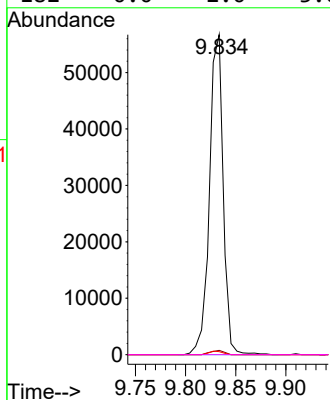
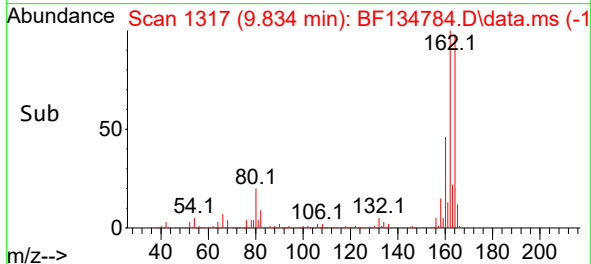


#57
2,4-Dinitrotoluene
Concen: 9.923 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

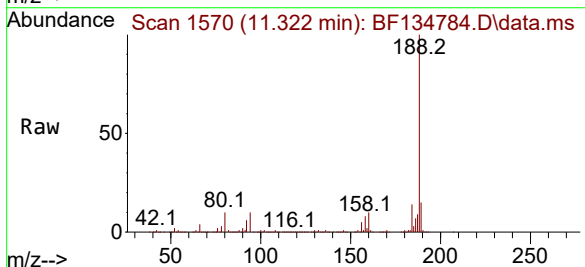
Instrument :
BNA_F
ClientSampleId :
PB154832BL



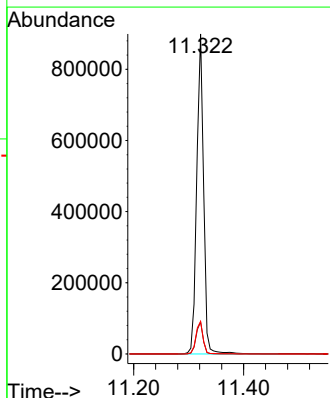
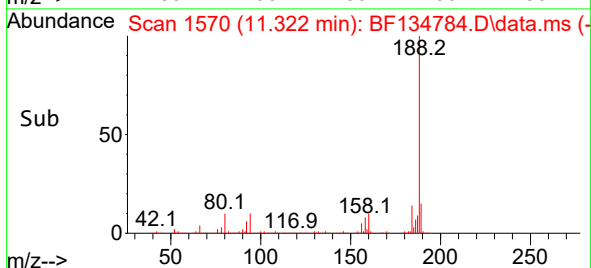
Tgt Ion:165 Resp: 54142
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.0 61.7 92.5#
182 0.0 2.0 3.0#

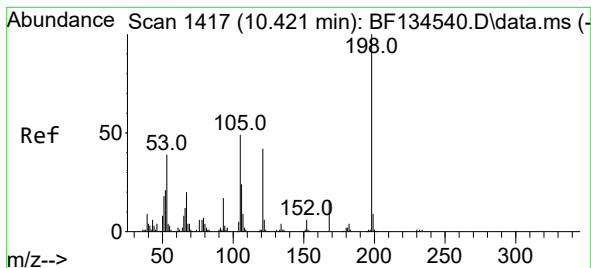


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50



Tgt Ion:188 Resp: 782440
Ion Ratio Lower Upper
188 100
94 10.0 5.1 7.7#
80 10.2 6.6 9.8#

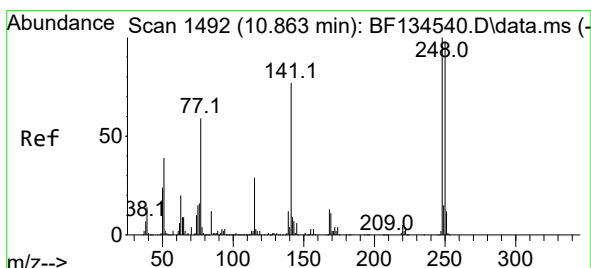
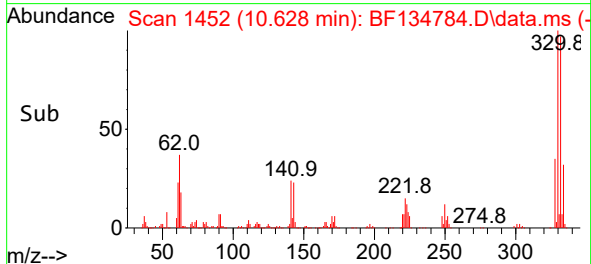
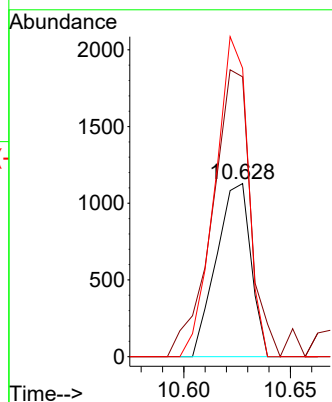
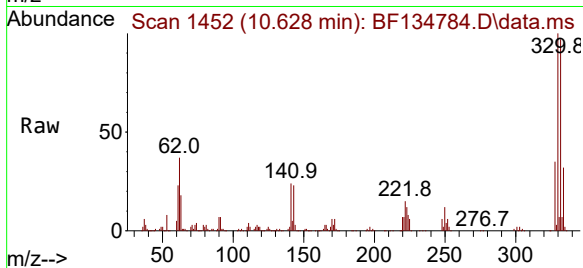




#65
4,6-Dinitro-2-methylphenol
Concen: 9.027 ng
RT: 10.628 min Scan# 1417
Delta R.T. 0.188 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

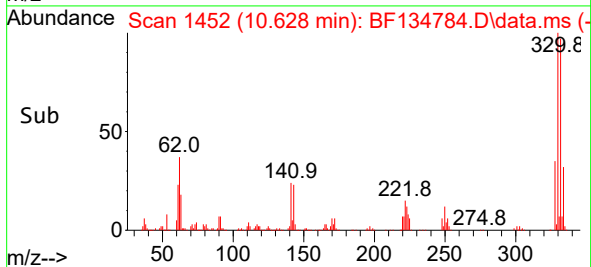
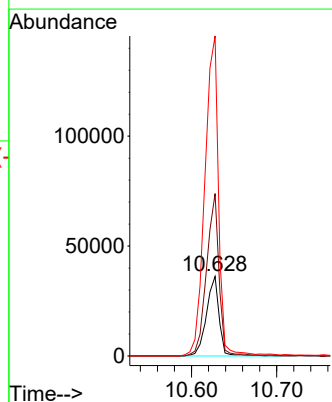
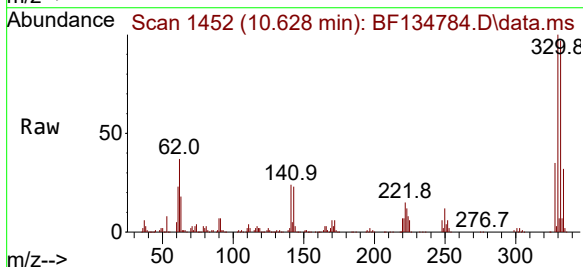
Instrument :
BNA_F
ClientSampleId :
PB154832BL

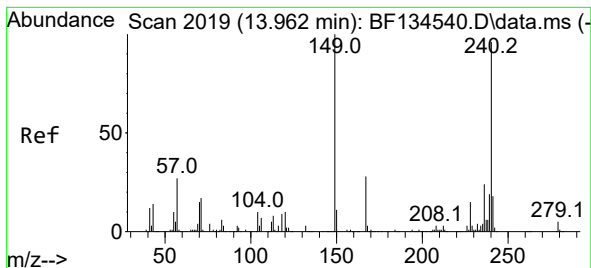
Tgt Ion:198 Resp: 1269
Ion Ratio Lower Upper
198 100
51 161.7 38.6 78.6#
105 166.8 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 4.353 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.241 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

Tgt Ion:248 Resp: 37284
Ion Ratio Lower Upper
248 100
250 204.1 79.6 119.4#
141 402.0 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134784.D

Acq: 15 Aug 2023 14:50

Instrument :

BNA_F

ClientSampleId :

PB154832BL

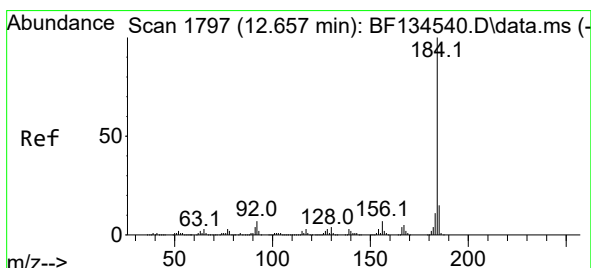
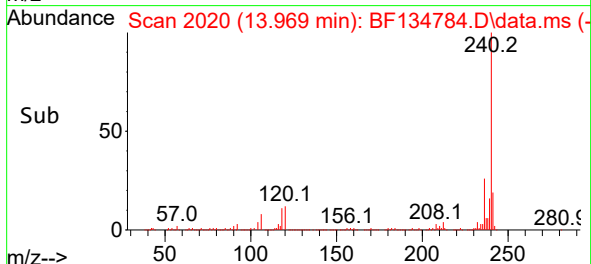
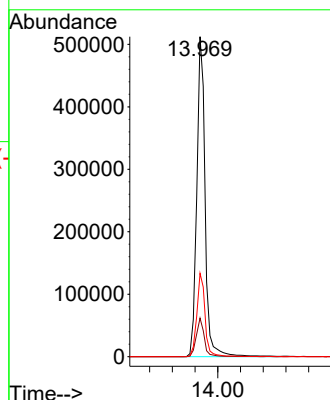
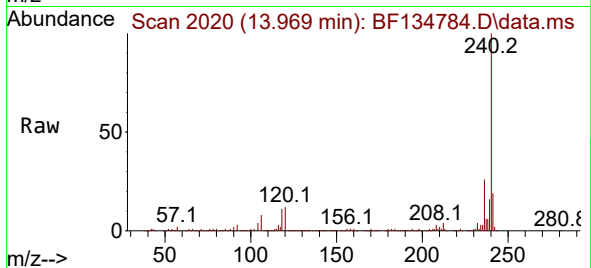
Tgt Ion:240 Resp: 526132

Ion Ratio Lower Upper

240 100

120 12.0 6.6 10.0#

236 26.0 20.2 30.2



#77

Benidine

Concen: 2.570 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.259 min

Lab File: BF134784.D

Acq: 15 Aug 2023 14:50

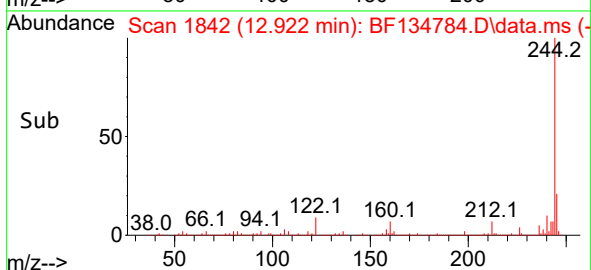
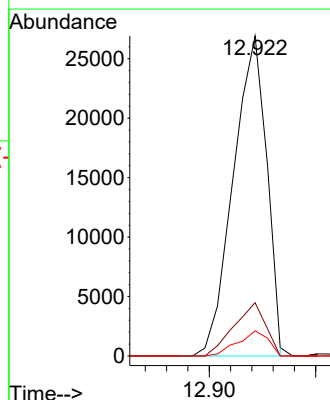
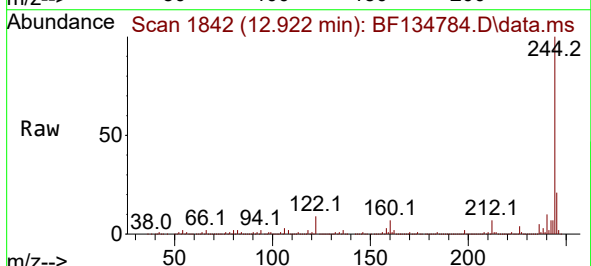
Tgt Ion:184 Resp: 29354

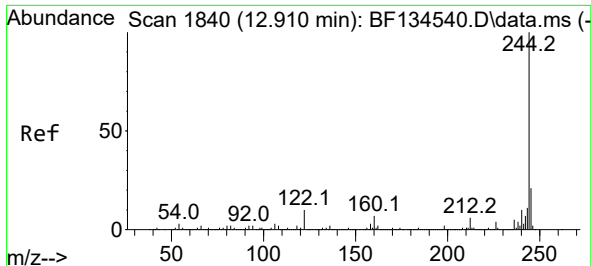
Ion Ratio Lower Upper

184 100

185 16.7 11.2 16.8

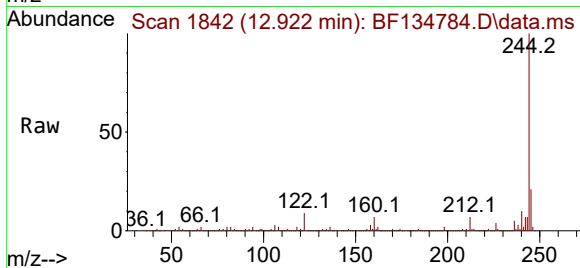
183 7.9 8.6 13.0#



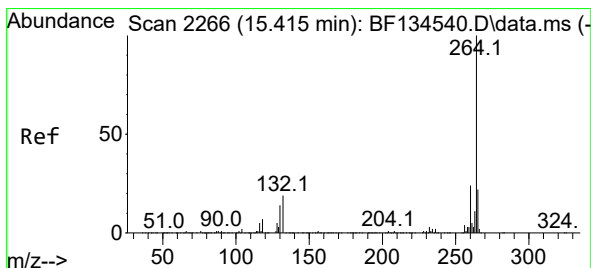
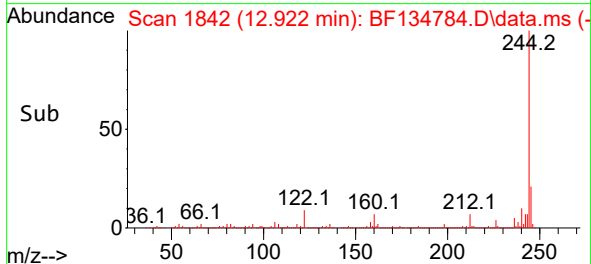
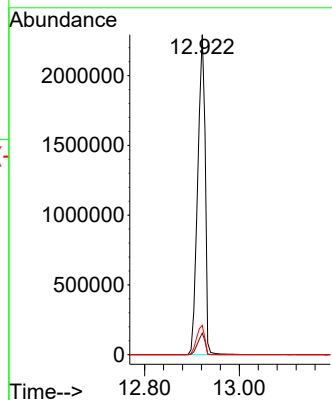


#79
 Terphenyl-d14
 Concen: 84.181 ng
 RT: 12.922 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134784.D
 Acq: 15 Aug 2023 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB154832BL



Tgt Ion:244 Resp: 2512413
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF134784.D
 Acq: 15 Aug 2023 14:50

Tgt Ion:264 Resp: 458976
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.0 15.8 23.8

