

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134551.D
 Acq On : 01 Aug 2023 16:43
 Operator : CG\JU
 Sample : 03742-08RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 02:44:14 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)

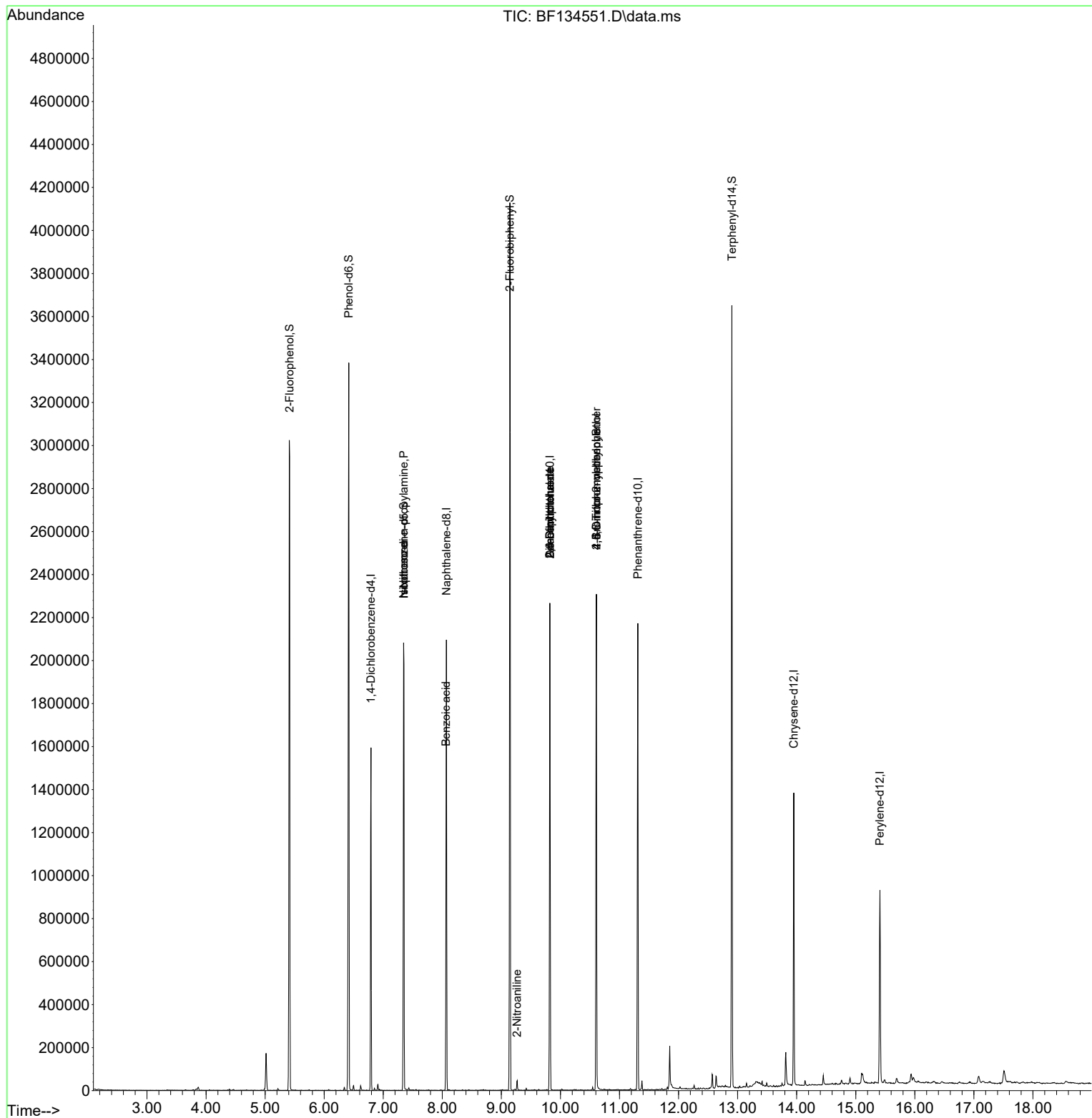
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	206924	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	820116	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	407279	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	717068	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	396813	20.000	ng	#-0.01
86) Perylene-d12	15.410	264	394245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	880407	64.676	ng	0.00
7) Phenol-d6	6.416	99	1139029	65.458	ng	-0.01
23) Nitrobenzene-d5	7.345	82	652301	49.705	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	252883	60.909	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1245988	50.867	ng	0.00
79) Terphenyl-d14	12.904	244	1218794	54.146	ng	0.00
Target Compounds						
9) Benzaldehyde	6.340	77	1730	Below Cal		Qvalue 85
19) n-Nitroso-di-n-propyla...	7.345	70	87659	8.414	ng	# 78
25) Isophorone	7.345	82	652149	22.784	ng	# 65
32) Benzoic acid	8.063	122	130	7.880	ng	# 1
48) 2-Nitroaniline	9.263	65	621	3.244	ng	# 30
50) Dimethylphthalate	9.822	163	82314	2.965	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	53796	11.462	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	53796	10.217	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	621	8.874	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	16094	2.050	ng	# 1

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

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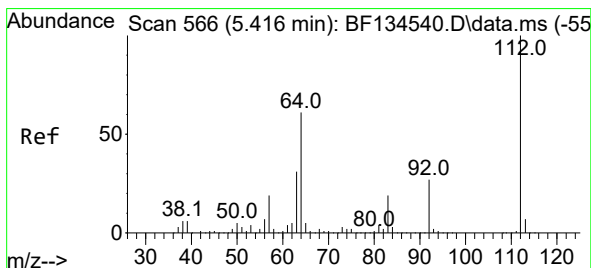
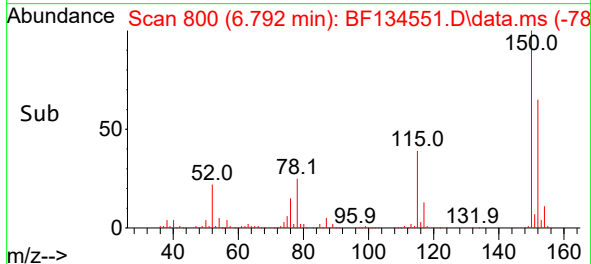
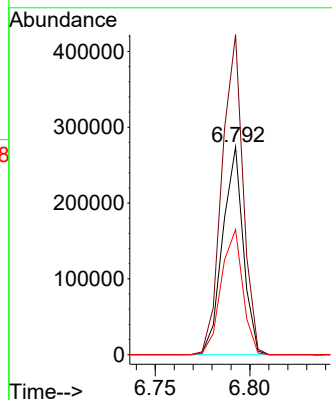
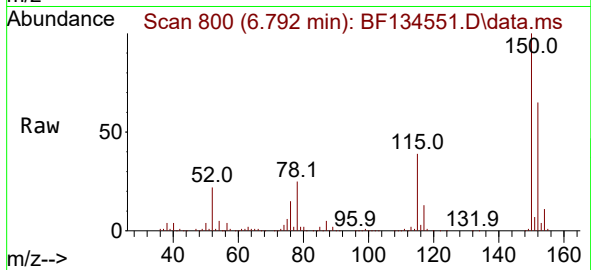




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

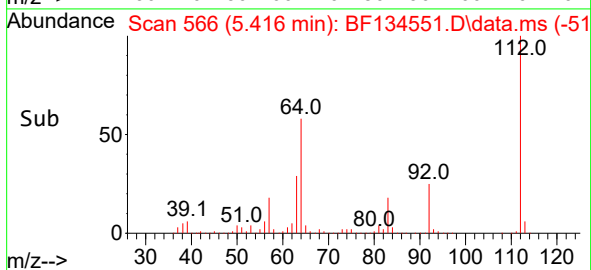
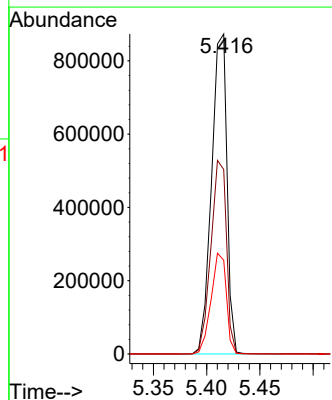
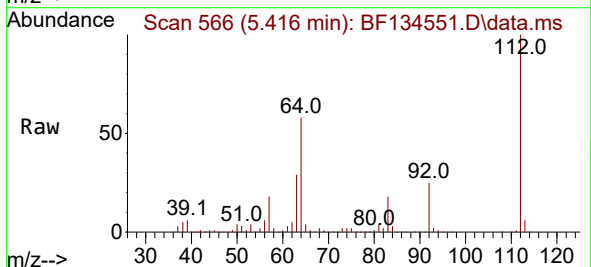
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 206924
Ion Ratio Lower Upper
152 100
150 153.9 128.3 192.5
115 60.2 52.4 78.6



#5
2-Fluorophenol
Concen: 64.676 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

Tgt Ion:112 Resp: 880407
Ion Ratio Lower Upper
112 100
64 57.7 44.9 67.3
63 29.3 25.4 38.0

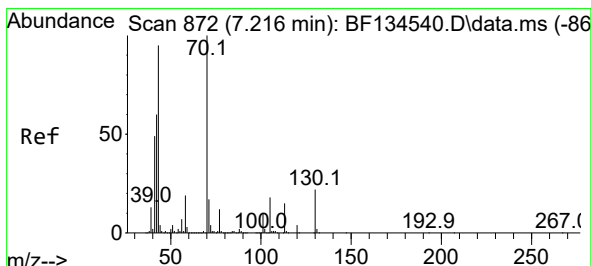
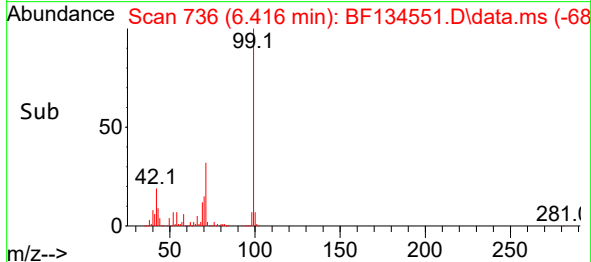
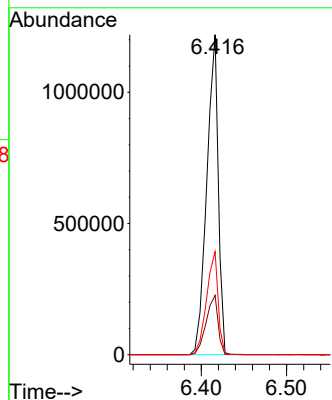
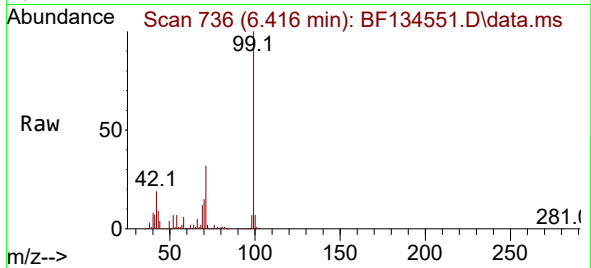




#7
Phenol-d6
Concen: 65.458 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

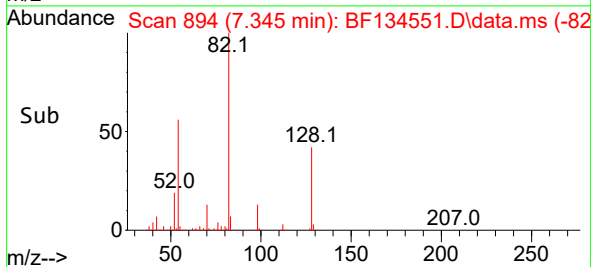
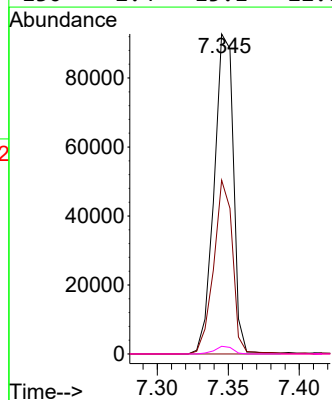
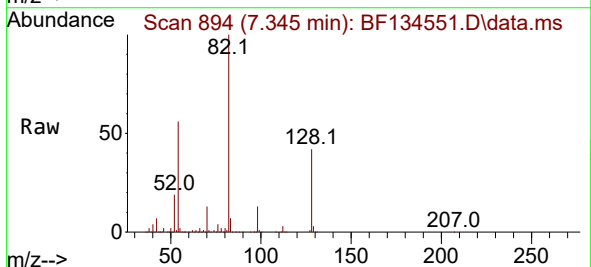
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1139029
Ion Ratio Lower Upper
99 100
42 18.5 18.7 28.1#
71 32.2 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 8.414 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.130 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

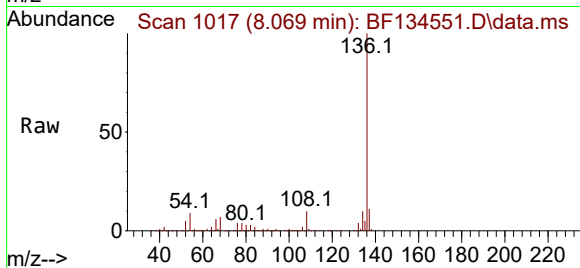
Tgt Ion: 70 Resp: 87659
Ion Ratio Lower Upper
70 100
42 54.3 54.7 82.1#
101 0.0 8.2 12.2#
130 2.4 15.1 22.7#



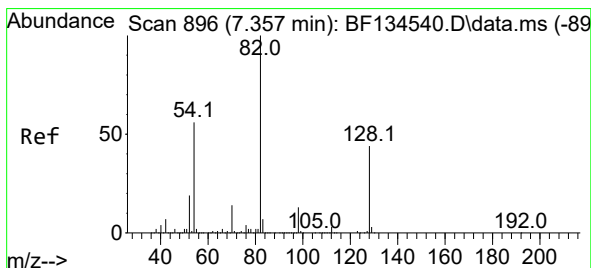
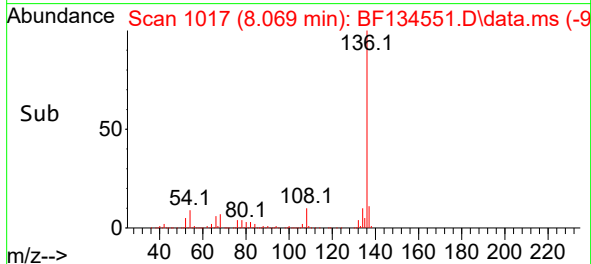
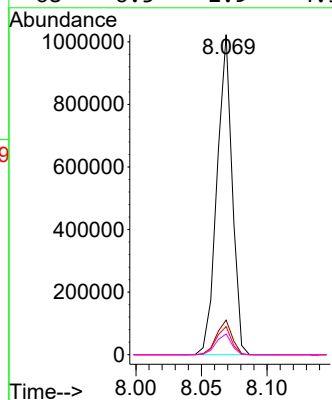


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

Instrument :
BNA_F
ClientSampleId :

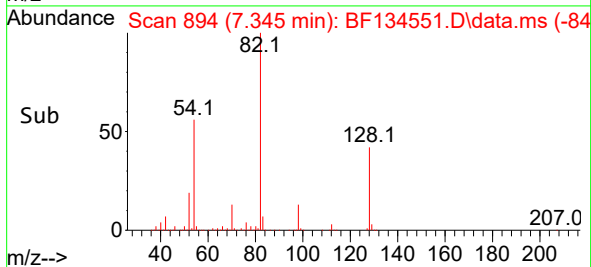
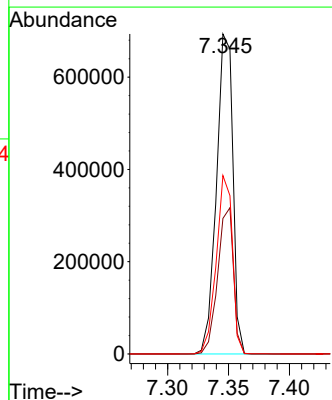
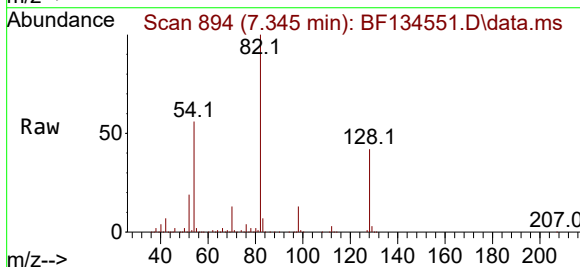


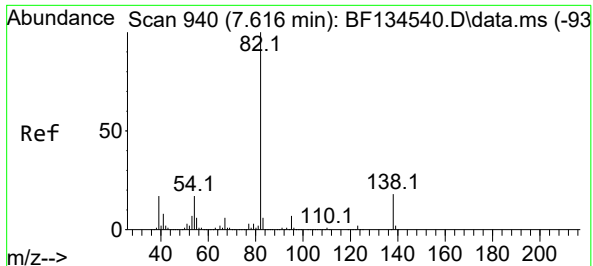
Tgt Ion:136 Resp: 820116
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.8 5.2 7.8#
68 6.5 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 49.705 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

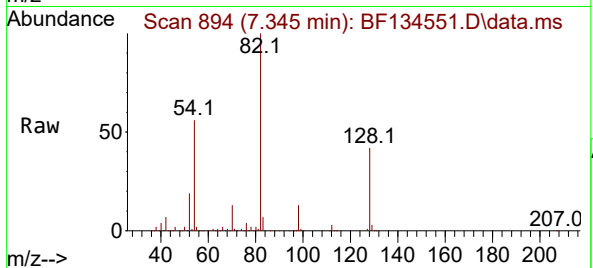
Tgt Ion: 82 Resp: 652301
Ion Ratio Lower Upper
82 100
128 42.4 34.3 51.5
54 55.8 43.8 65.6



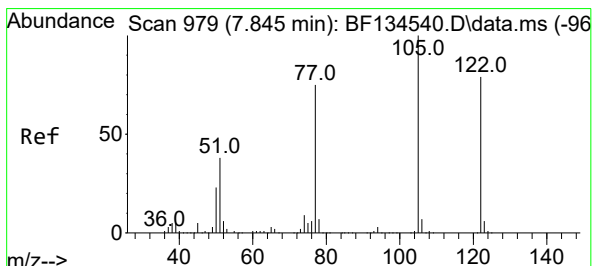
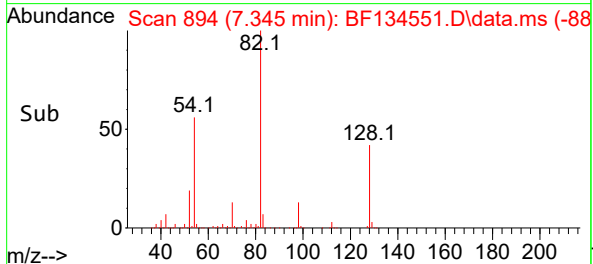
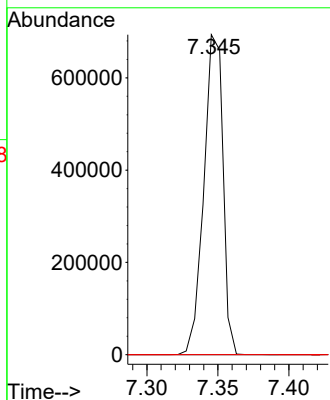


#25
Isophorone
Concen: 22.784 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

Instrument :
BNA_F
ClientSampleId :

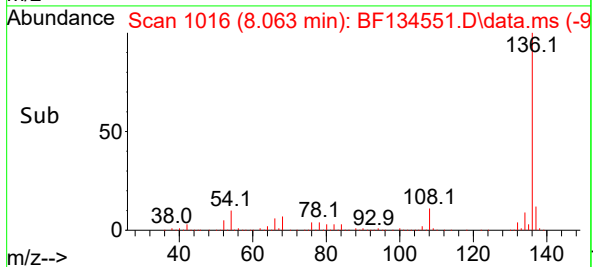
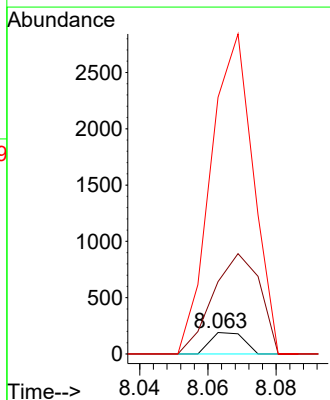
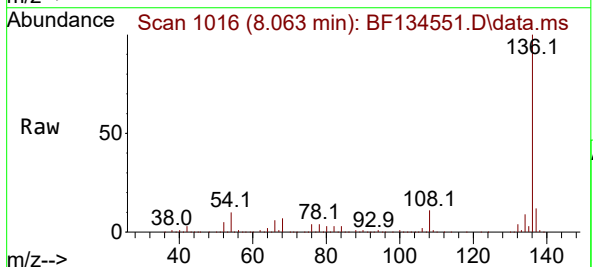


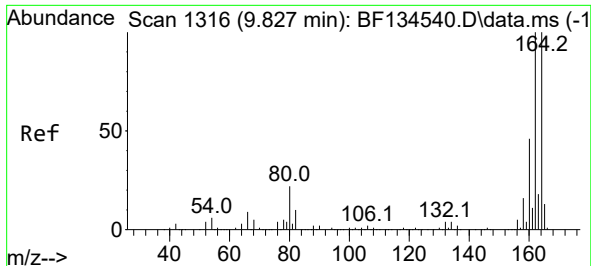
Tgt Ion: 82 Resp: 652149
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.880 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.218 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

Tgt Ion: 122 Resp: 130
Ion Ratio Lower Upper
122 100
105 338.4 87.5 127.5#
77 1199.5 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 11

Delta R.T. -0.006 min

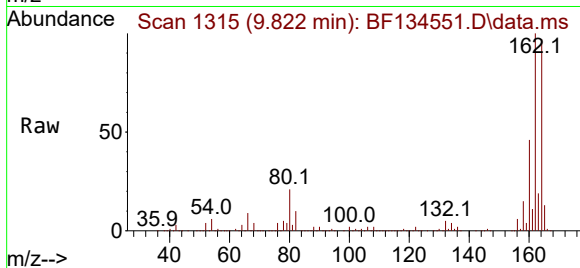
Lab File: BF134551.D

Acq: 01 Aug 2023 16:43

Instrument :

BNA_F

ClientSampleId :



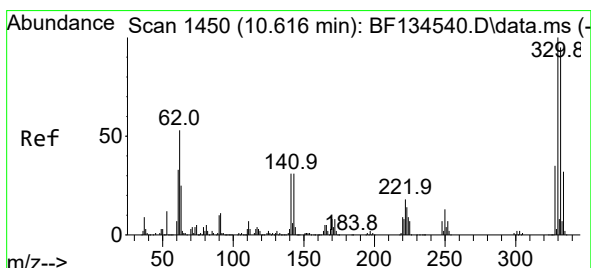
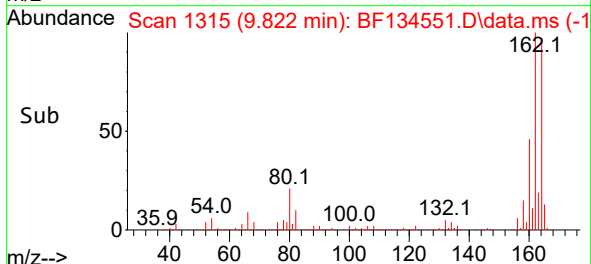
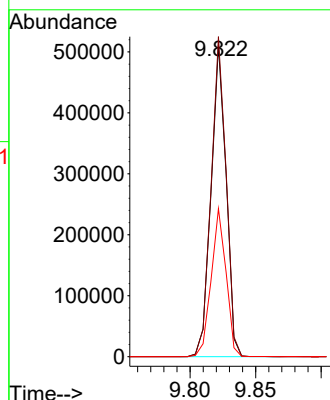
Tgt Ion:164 Resp: 407279

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

160 47.5 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 60.909 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF134551.D

Acq: 01 Aug 2023 16:43

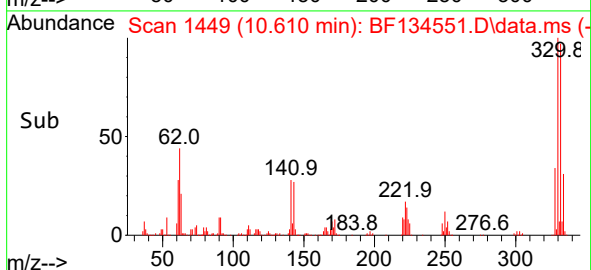
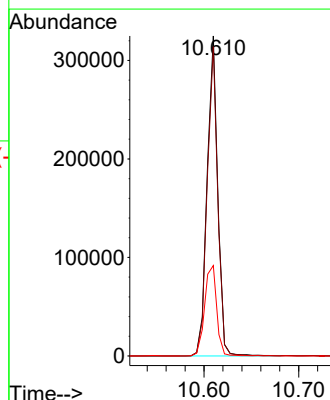
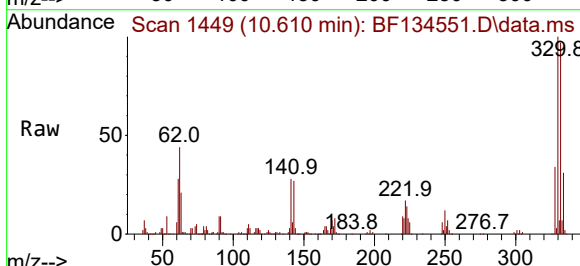
Tgt Ion:330 Resp: 252883

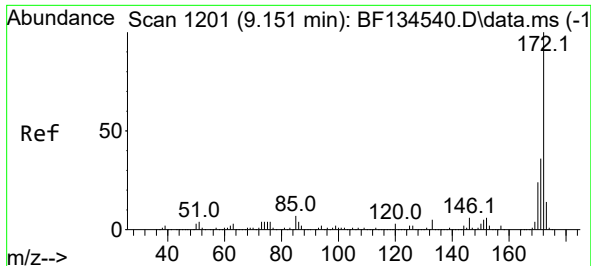
Ion Ratio Lower Upper

330 100

332 96.0 78.8 118.2

141 32.3 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 50.867 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

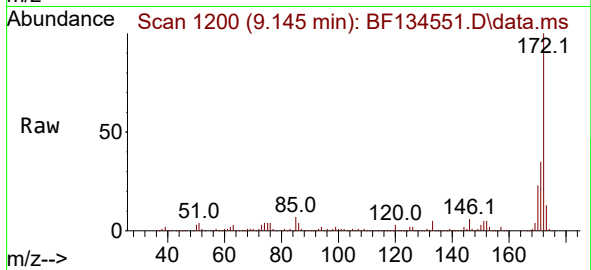
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Acq: 01 Aug 2023 16:43

Instrument :

BNA_F

ClientSampleId :



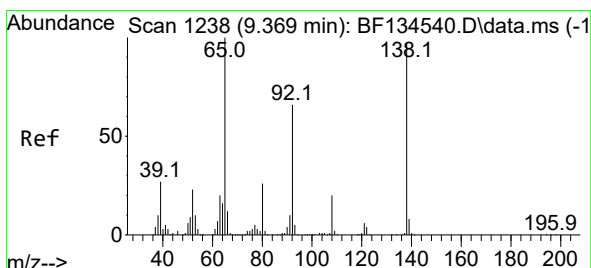
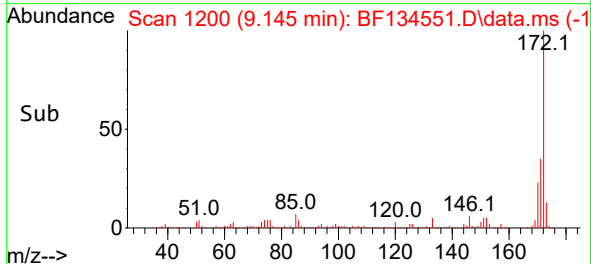
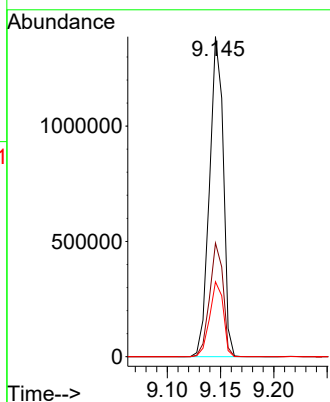
Tgt Ion:172 Resp: 1245988

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.4 18.7 28.1



#48

2-Nitroaniline

Concen: 3.244 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.106 min

Lab File: BF134551.D

Acq: 01 Aug 2023 16:43

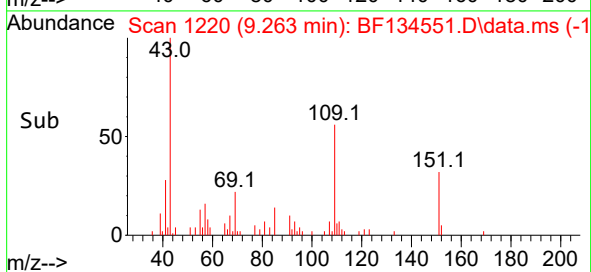
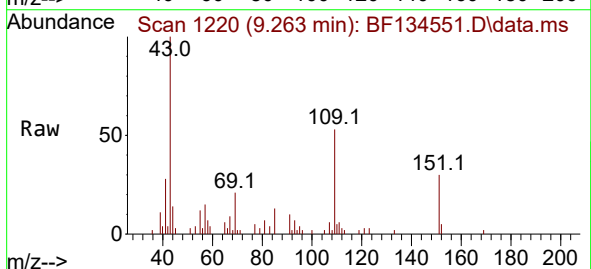
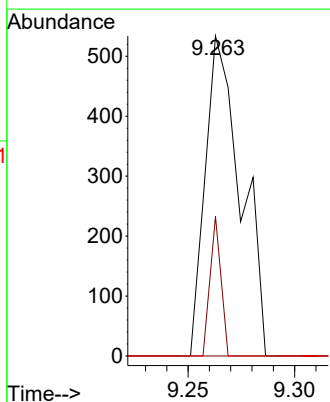
Tgt Ion: 65 Resp: 621

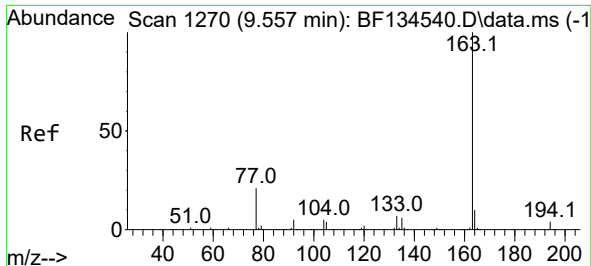
Ion Ratio Lower Upper

65 100

92 43.6 50.7 76.1#

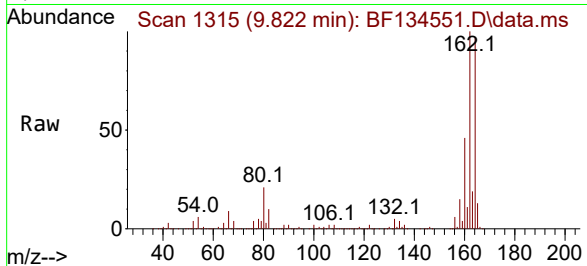
138 0.0 78.2 117.4#



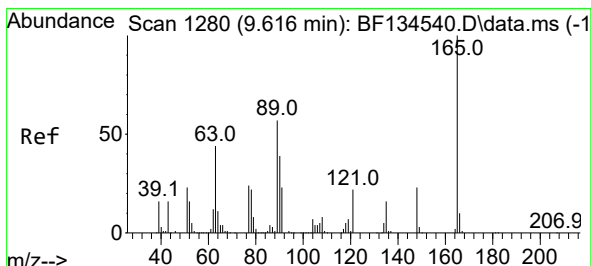
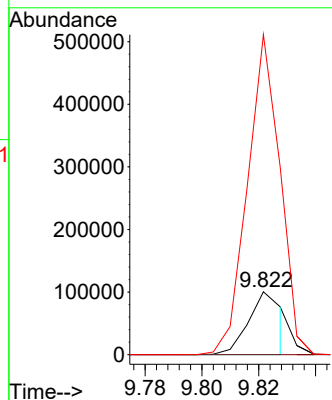
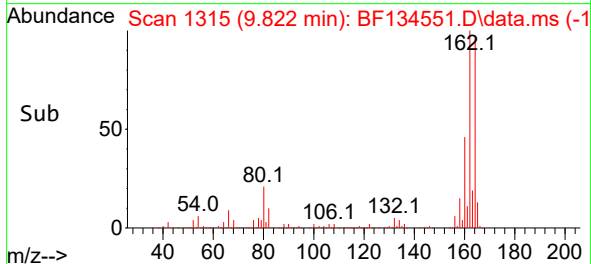


#50
Dimethylphthalate
Concen: 2.965 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

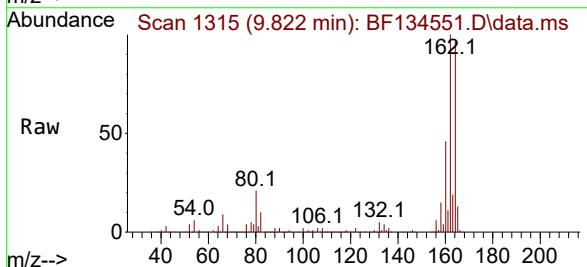
Instrument :
BNA_F
ClientSampleId :



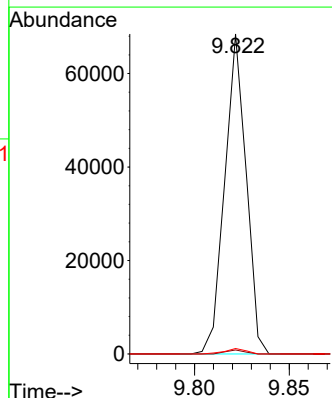
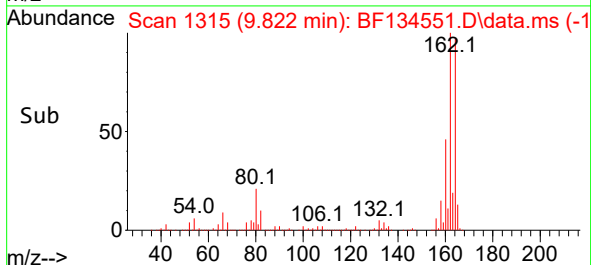
Tgt Ion:163 Resp: 82314
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 509.2 7.5 11.3#

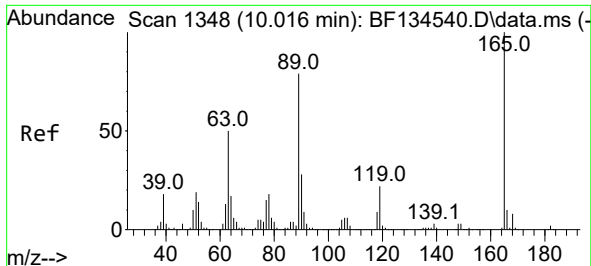


#51
2,6-Dinitrotoluene
Concen: 11.462 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43



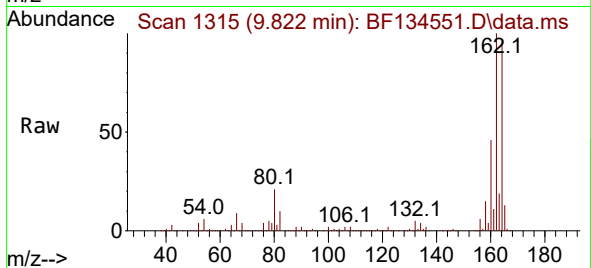
Tgt Ion:165 Resp: 53796
Ion Ratio Lower Upper
165 100
63 1.3 57.8 86.6#
89 1.7 51.8 77.8#



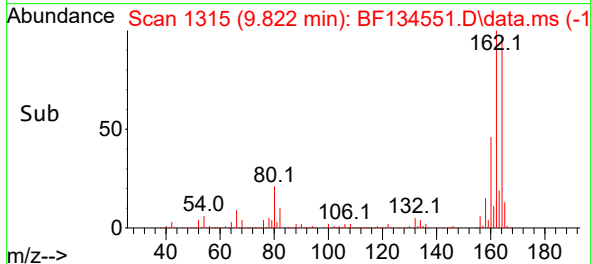
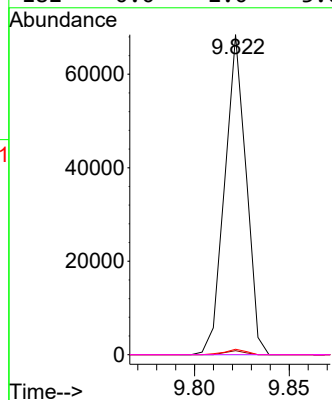


#57
2,4-Dinitrotoluene
Concen: 10.217 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

Instrument :
BNA_F
ClientSampleId :

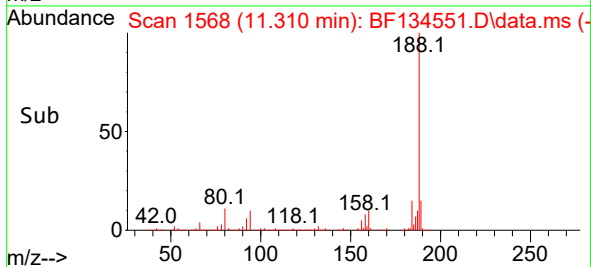
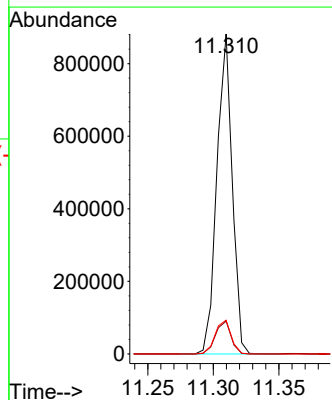
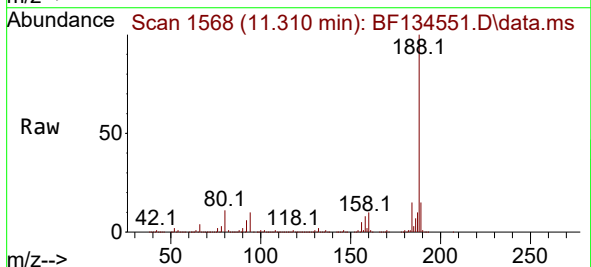


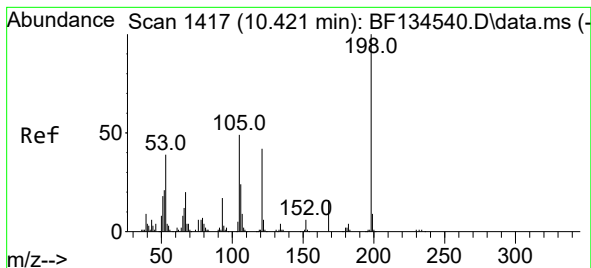
Tgt Ion:165 Resp: 53796
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.7 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

Tgt Ion:188 Resp: 717068
Ion Ratio Lower Upper
188 100
94 10.3 5.1 7.7#
80 10.6 6.6 9.8#

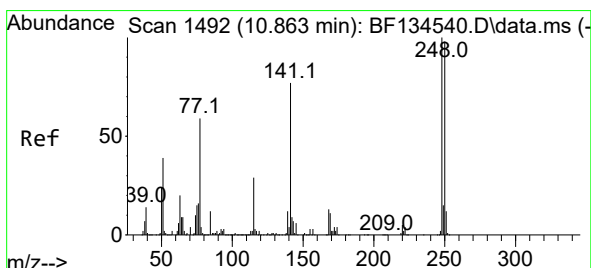
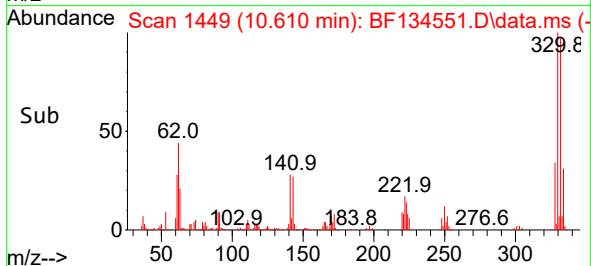
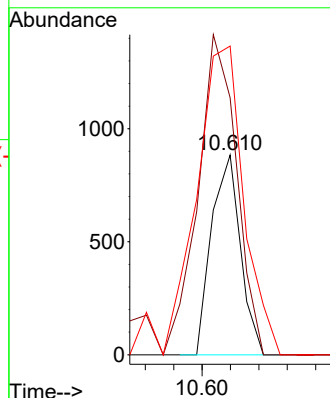
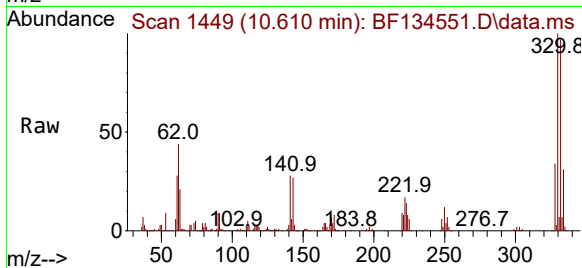




#65
4,6-Dinitro-2-methylphenol
Concen: 8.874 ng
RT: 10.610 min Scan# 1417
Delta R.T. 0.189 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

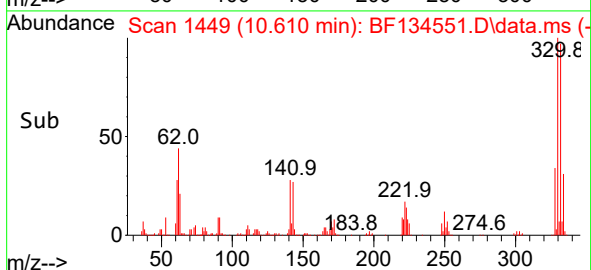
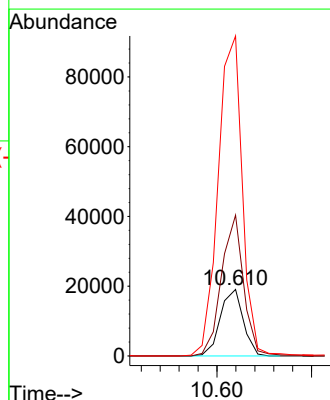
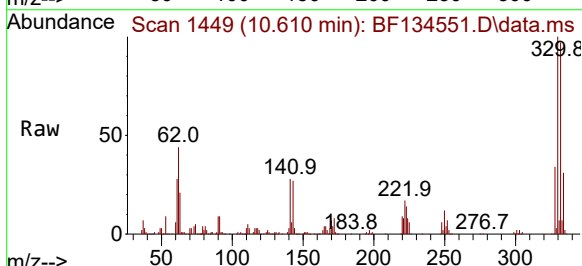
Instrument :
BNA_F
ClientSampleId :

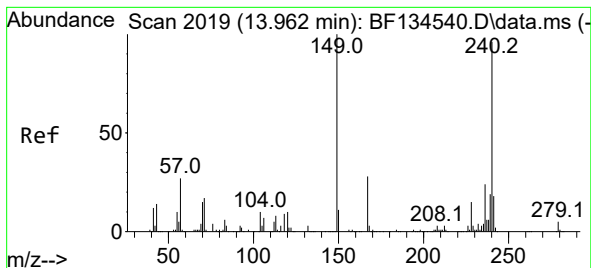
Tgt Ion:198 Resp: 621
Ion Ratio Lower Upper
198 100
51 128.6 38.6 78.6#
105 154.5 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.050 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.253 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

Tgt Ion:248 Resp: 16094
Ion Ratio Lower Upper
248 100
250 211.7 79.6 119.4#
141 480.9 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134551.D

Acq: 01 Aug 2023 16:43

Instrument :

BNA_F

ClientSampleId :

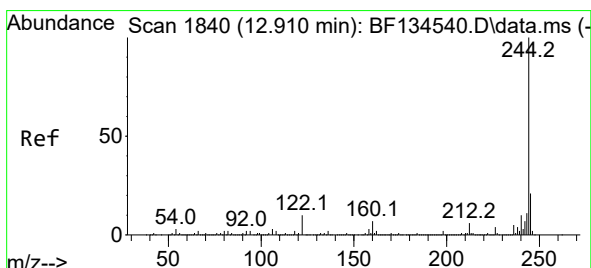
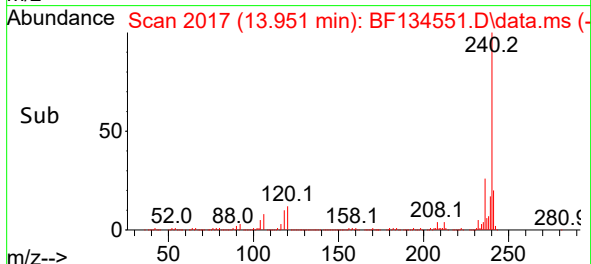
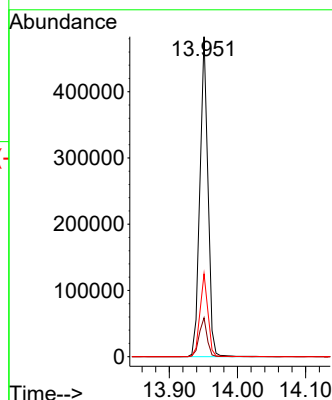
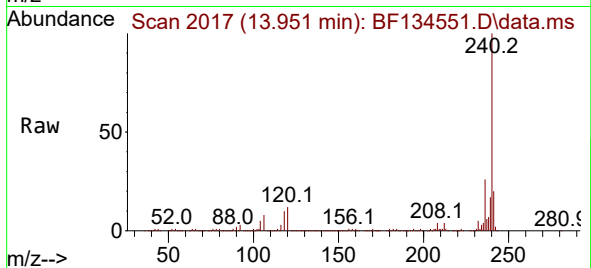
Tgt Ion:240 Resp: 396813

Ion Ratio Lower Upper

240 100

120 12.2 6.6 10.0#

236 25.9 20.2 30.2



#79

Terphenyl-d14

Concen: 54.146 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF134551.D

Acq: 01 Aug 2023 16:43

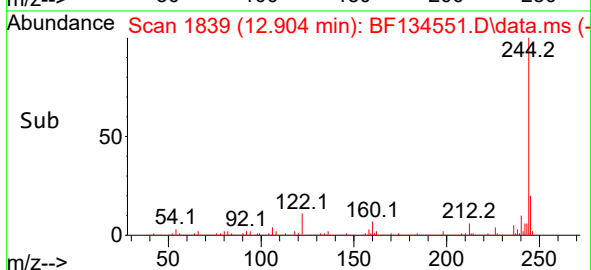
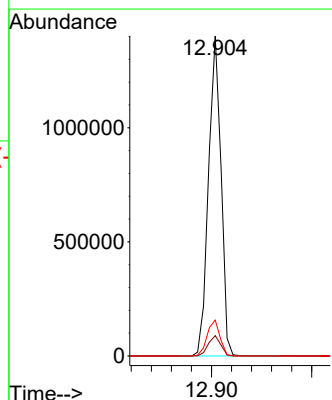
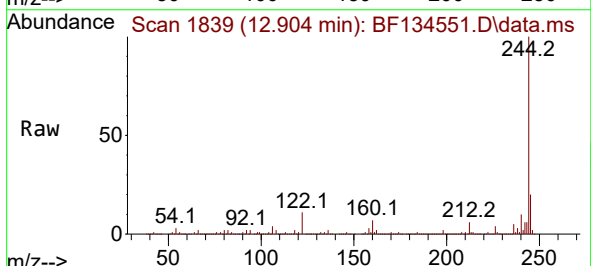
Tgt Ion:244 Resp: 1218794

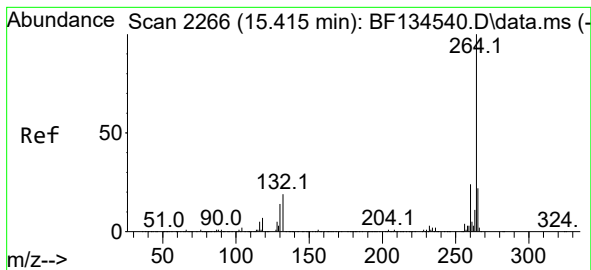
Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

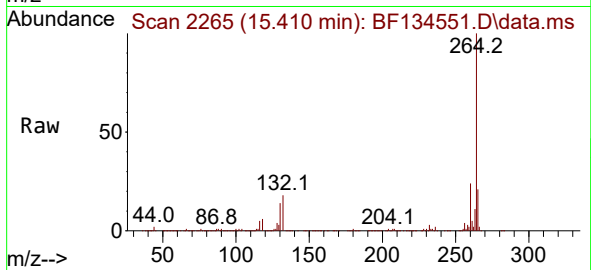
122 11.2 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 394245
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 20.9 15.8 23.8

