

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
 Data File : BF134516.D
 Acq On : 27 Jul 2023 21:02
 Operator : CG\JU
 Sample : 03706-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P9A

Quant Time: Jul 28 02:08:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

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

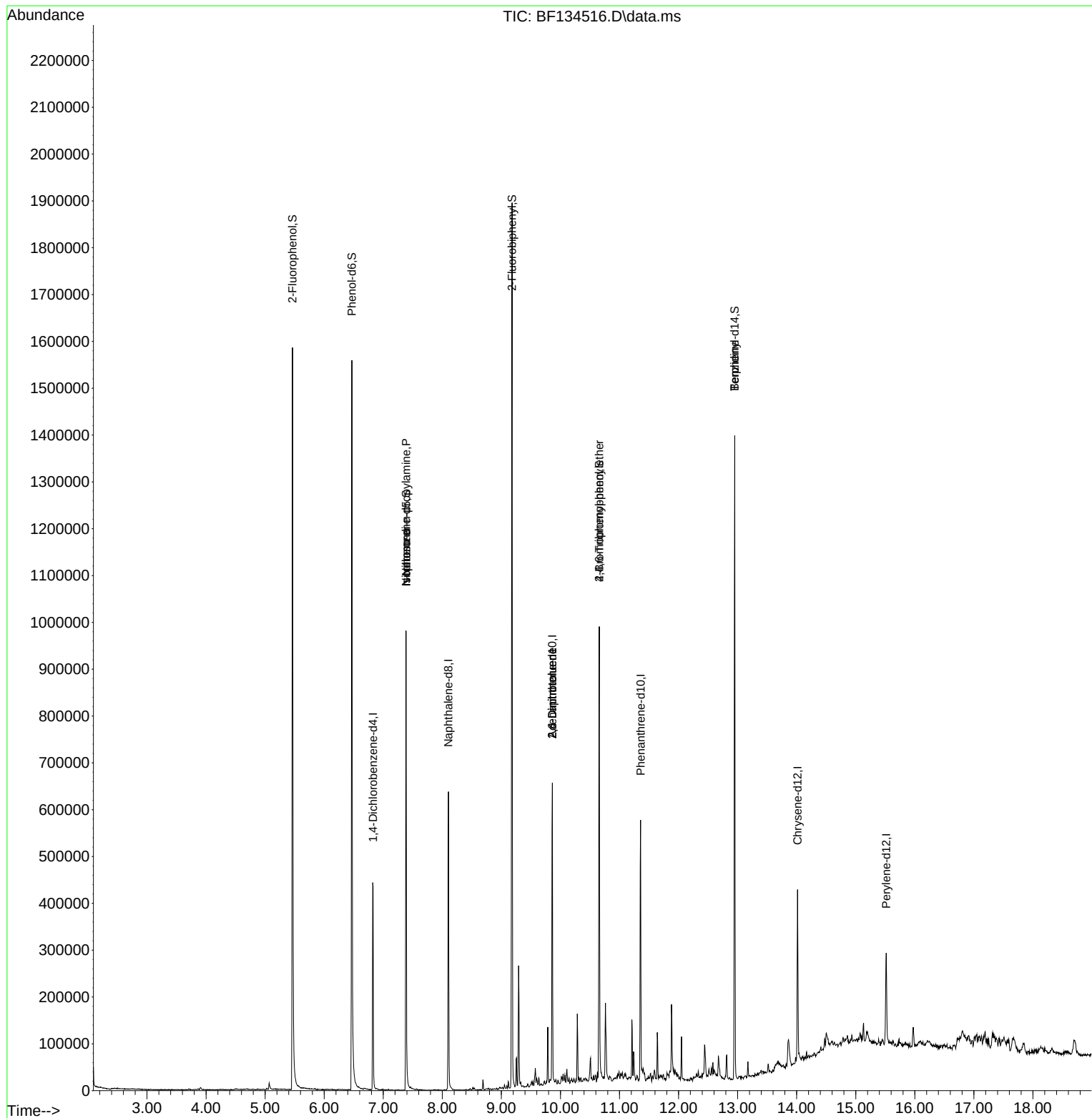
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	71584	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	268756	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	123893	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	204449	20.000	ng	0.00
76) Chrysene-d12	14.015	240	117095	20.000	ng	0.00
86) Perylene-d12	15.515	264	92908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	433546	100.064	ng	0.00
7) Phenol-d6	6.469	99	464183	87.444	ng	0.00
23) Nitrobenzene-d5	7.387	82	272252	51.253	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	118867	67.527	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	528383	55.988	ng	0.00
79) Terphenyl-d14	12.951	244	435978	64.996	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	37205	11.259	ng	# 76
25) Isophorone	7.387	82	272249	30.752	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	15949	7.914	ng	# 18
57) 2,4-Dinitrotoluene	9.863	165	15949	5.892	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	6759	3.017	ng	# 1
77) Benzidine	12.951	184	6238	2.495	ng	# 88

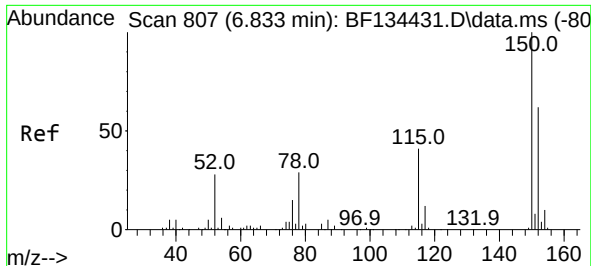
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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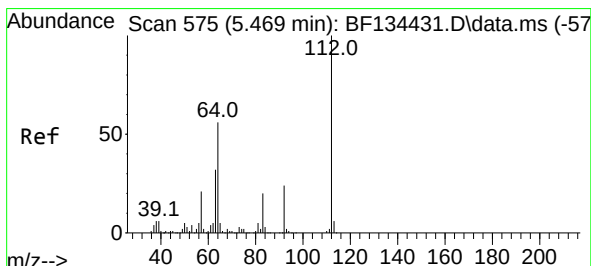
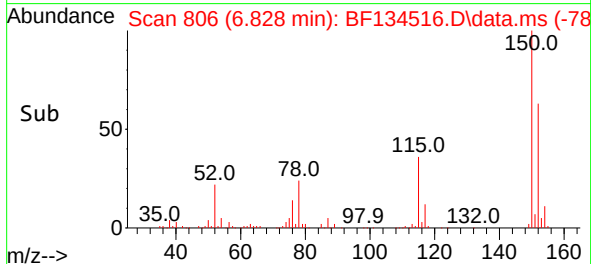
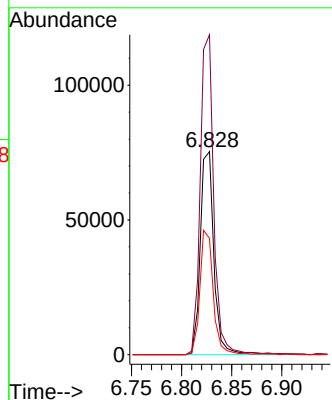
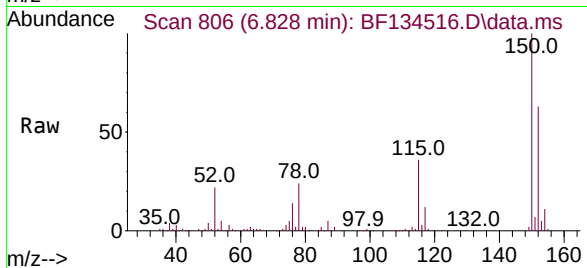




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF134516.D
Acq: 27 Jul 2023 21:02

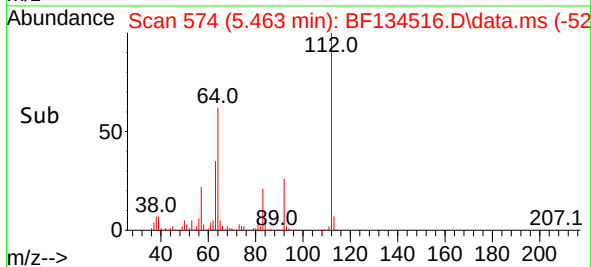
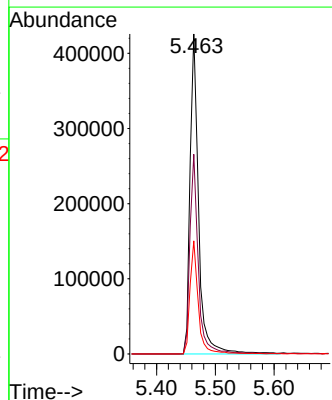
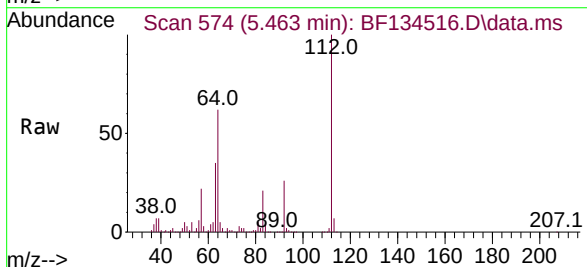
Instrument :
BNA_F
ClientSampleId :
B-P9A

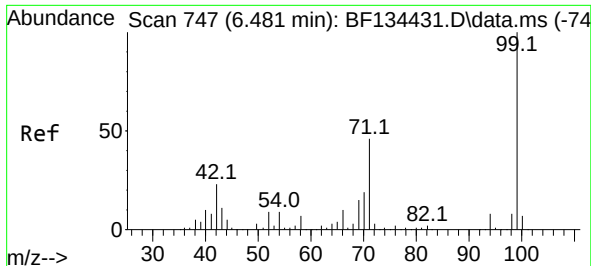
Tgt Ion:152 Resp: 71584
Ion Ratio Lower Upper
152 100
150 157.6 128.3 192.5
115 57.3 52.4 78.6



#5
2-Fluorophenol
Concen: 100.064 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF134516.D
Acq: 27 Jul 2023 21:02

Tgt Ion:112 Resp: 433546
Ion Ratio Lower Upper
112 100
64 62.4 44.9 67.3
63 35.4 25.4 38.0

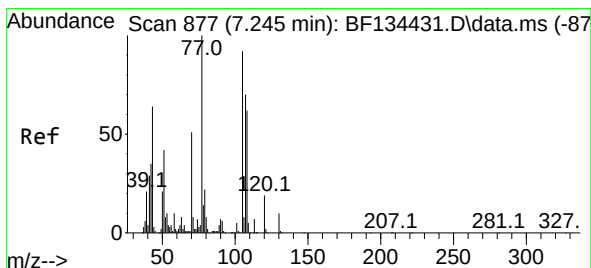
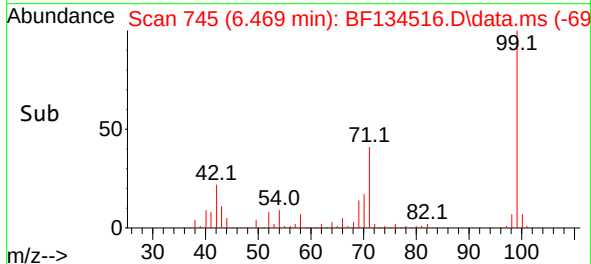
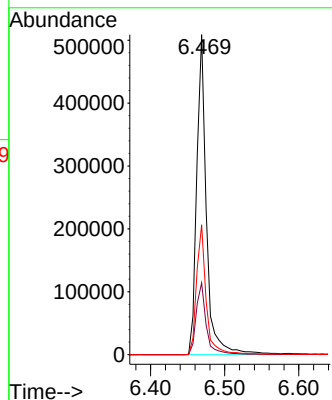
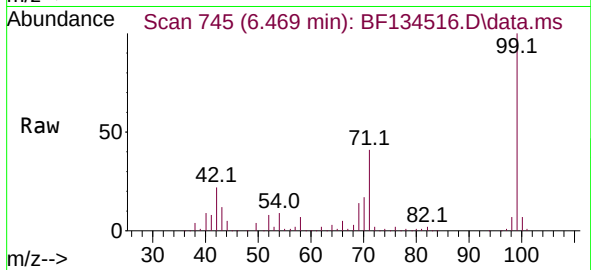




#7
Phenol-d6
Concen: 87.444 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134516.D
Acq: 27 Jul 2023 21:02

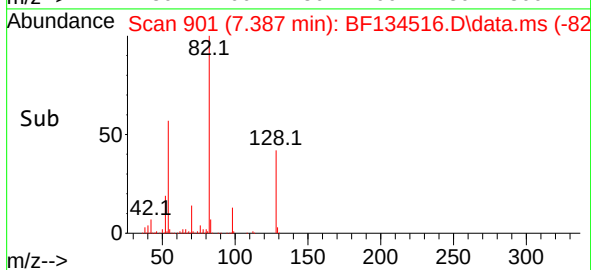
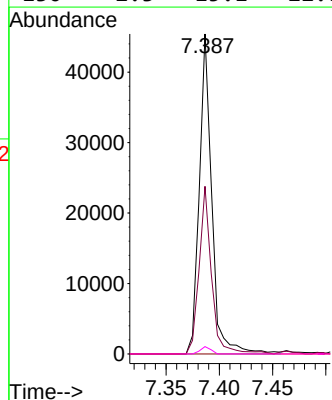
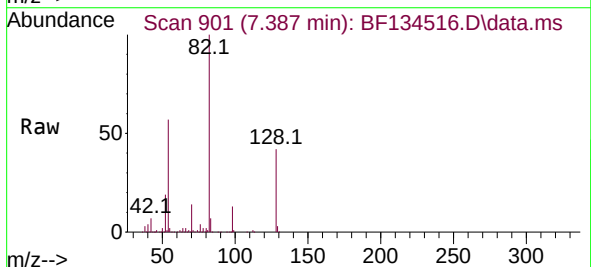
Instrument :
BNA_F
ClientSampleId :
B-P9A

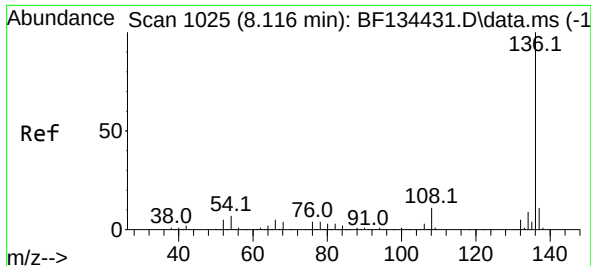
Tgt Ion: 99 Resp: 464183
Ion Ratio Lower Upper
99 100
42 22.4 18.7 28.1
71 40.6 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.259 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF134516.D
Acq: 27 Jul 2023 21:02

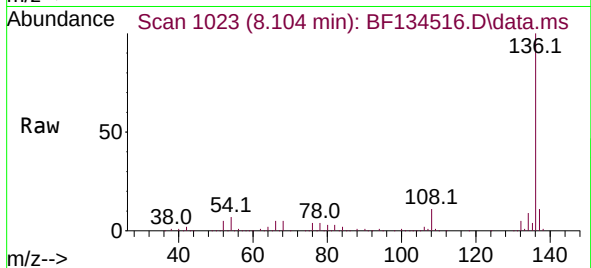
Tgt Ion: 70 Resp: 37205
Ion Ratio Lower Upper
70 100
42 52.4 54.7 82.1#
101 0.0 8.2 12.2#
130 2.3 15.1 22.7#



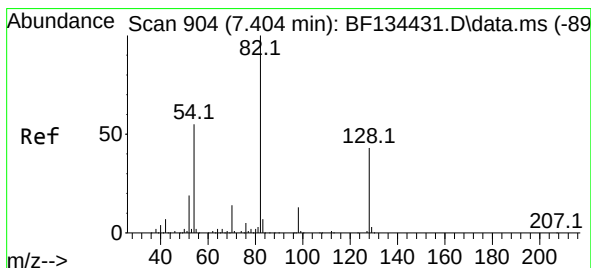
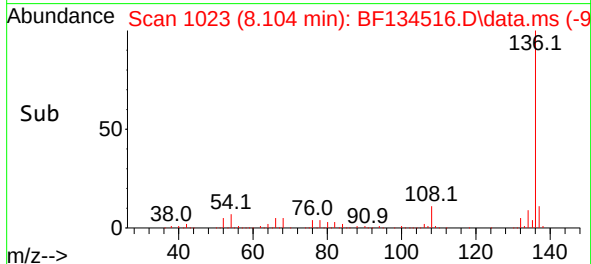
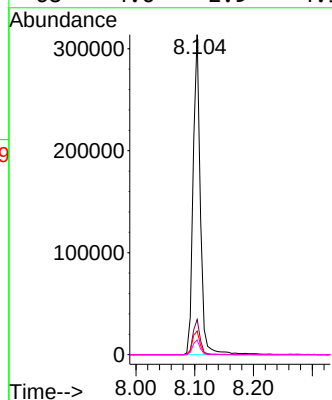


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF134516.D
Acq: 27 Jul 2023 21:02

Instrument :
BNA_F
ClientSampleId :
B-P9A

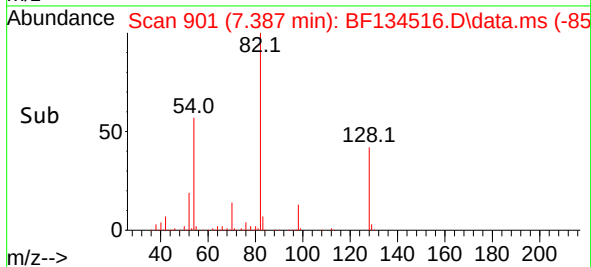
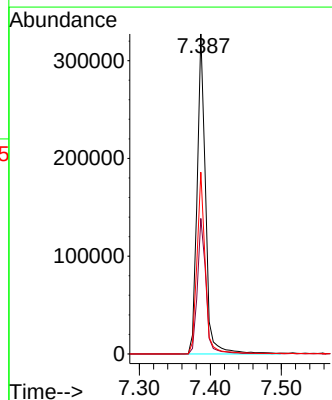
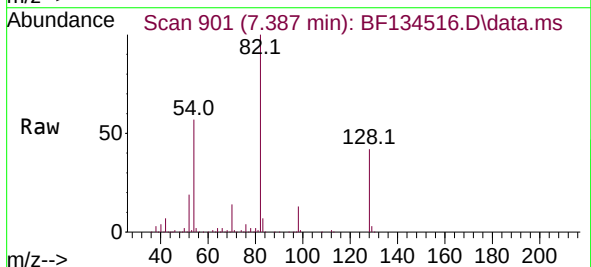


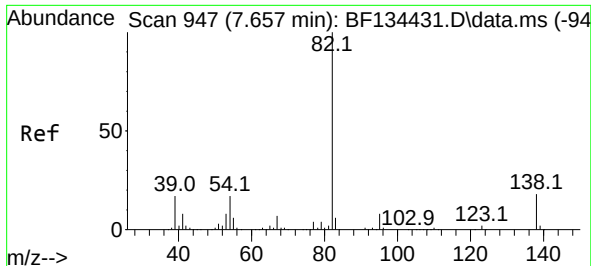
Tgt Ion:136 Resp: 268756
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.4 5.2 7.8
68 4.6 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 51.253 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF134516.D
Acq: 27 Jul 2023 21:02

Tgt Ion: 82 Resp: 272252
Ion Ratio Lower Upper
82 100
128 42.4 34.3 51.5
54 56.8 43.8 65.6

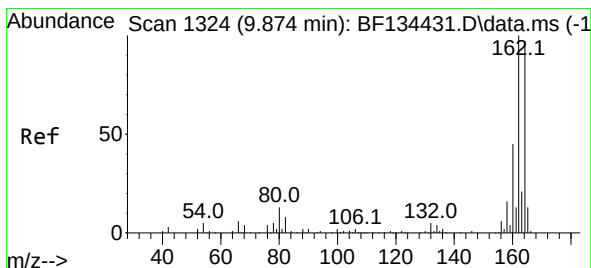
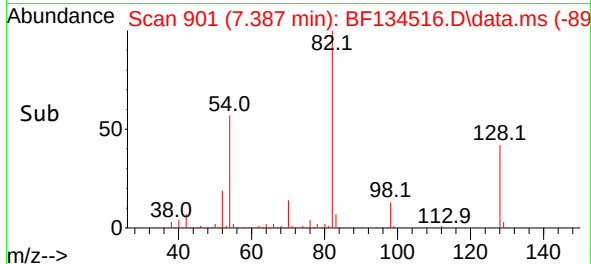
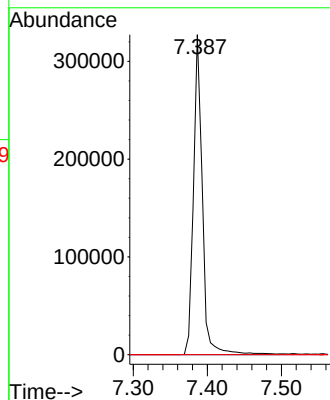
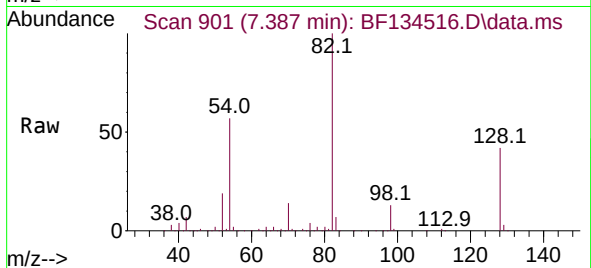




#25
Isophorone
Concen: 30.752 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.265 min
Lab File: BF134516.D
Acq: 27 Jul 2023 21:02

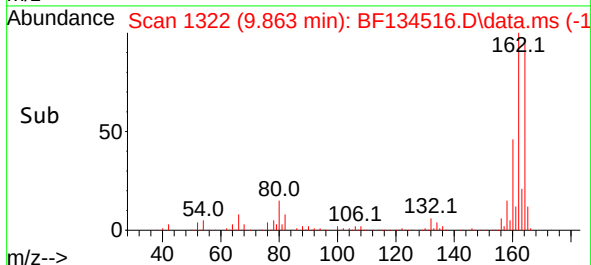
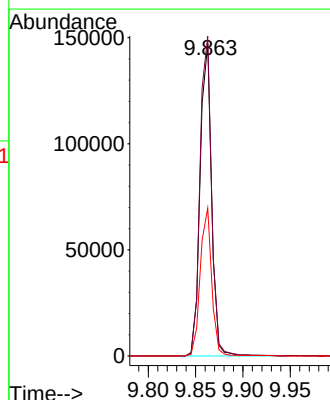
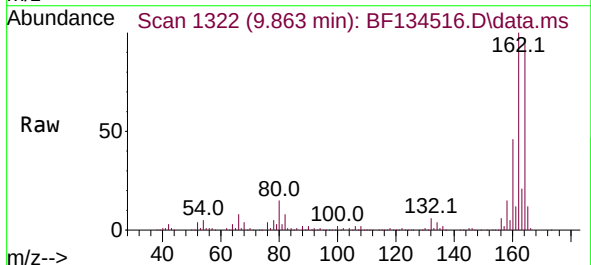
Instrument :
BNA_F
ClientSampleId :
B-P9A

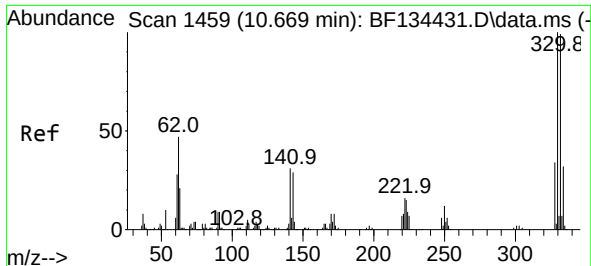
Tgt Ion: 82 Resp: 272249
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF134516.D
Acq: 27 Jul 2023 21:02

Tgt Ion:164 Resp: 123893
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 47.4 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 67.527 ng

RT: 10.657 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF134516.D

Acq: 27 Jul 2023 21:02

Instrument :

BNA_F

ClientSampleId :

B-P9A

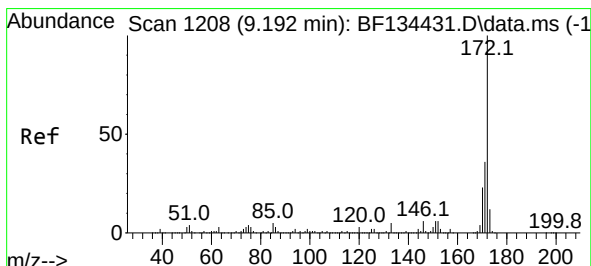
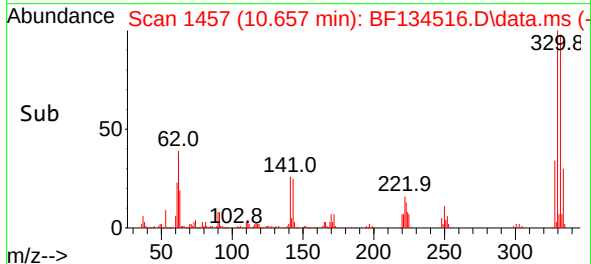
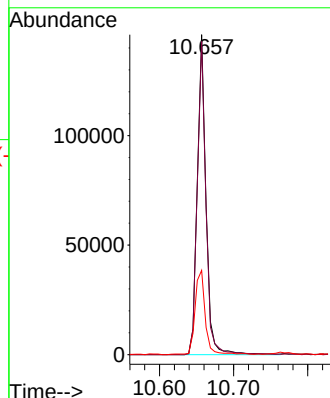
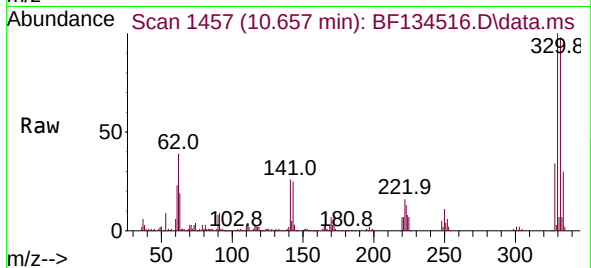
Tgt Ion:330 Resp: 118867

Ion Ratio Lower Upper

330 100

332 97.6 78.8 118.2

141 31.3 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 55.988 ng

RT: 9.181 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF134516.D

Acq: 27 Jul 2023 21:02

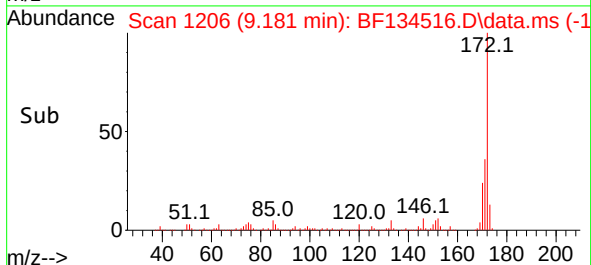
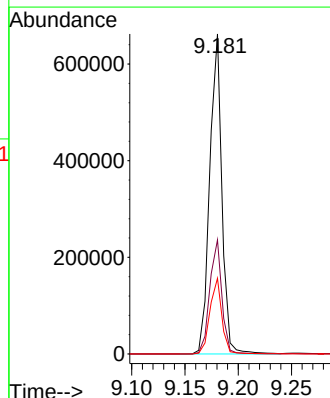
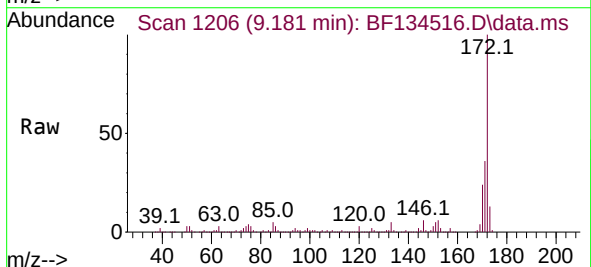
Tgt Ion:172 Resp: 528383

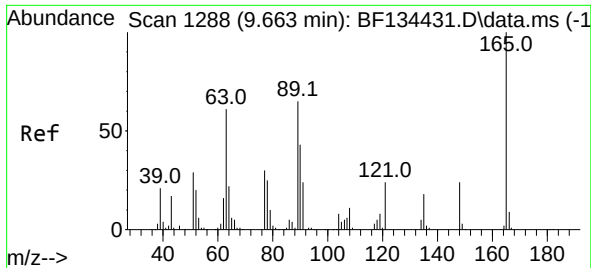
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.6 18.7 28.1

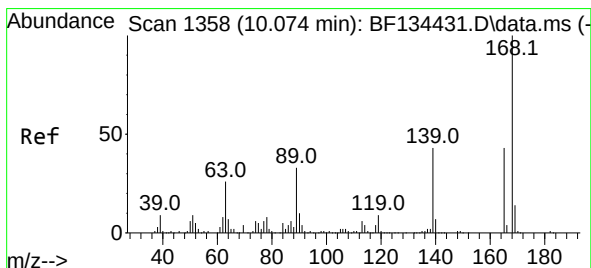
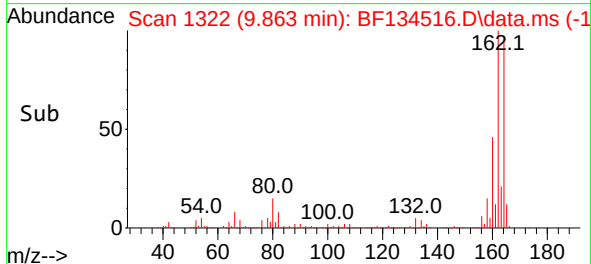
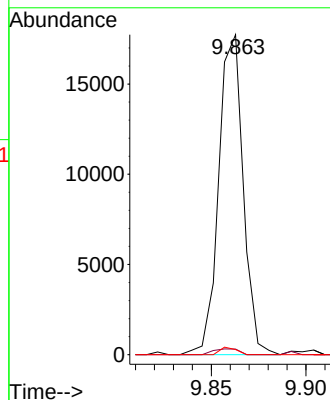
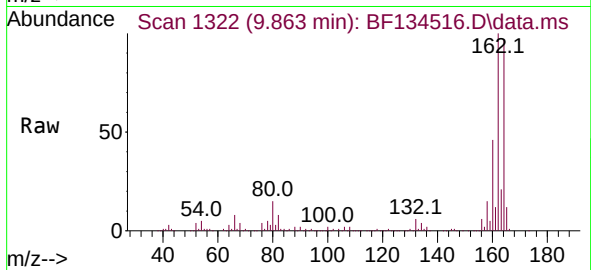




#51
2,6-Dinitrotoluene
Concen: 7.914 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134516.D
Acq: 27 Jul 2023 21:02

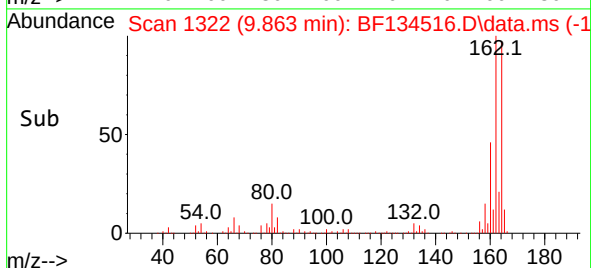
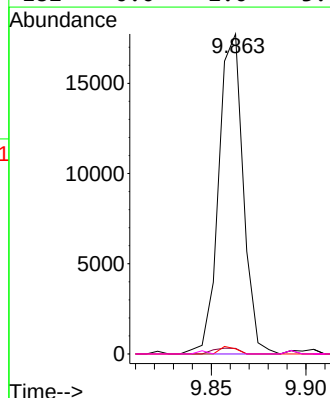
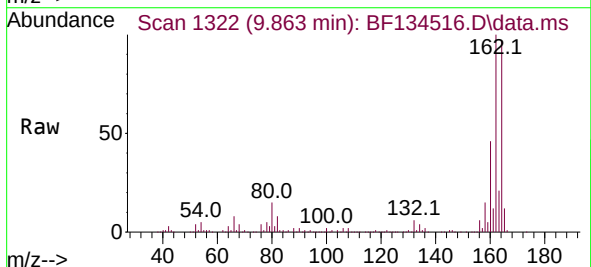
Instrument :
BNA_F
ClientSampleId :
B-P9A

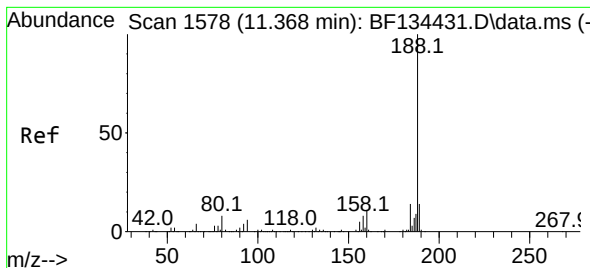
Tgt Ion:165 Resp: 15949
Ion Ratio Lower Upper
165 100
63 1.7 57.8 86.6#
89 1.6 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 5.892 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.206 min
Lab File: BF134516.D
Acq: 27 Jul 2023 21:02

Tgt Ion:165 Resp: 15949
Ion Ratio Lower Upper
165 100
63 1.7 48.9 73.3#
89 1.6 61.7 92.5#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134516.D

Acq: 27 Jul 2023 21:02

Instrument :

BNA_F

ClientSampleId :

B-P9A

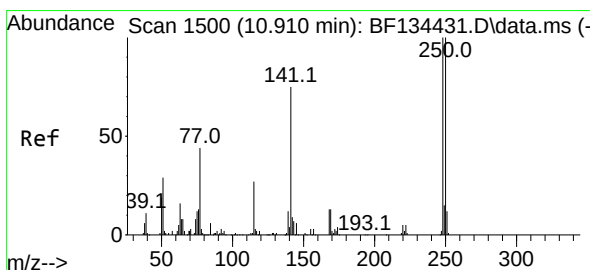
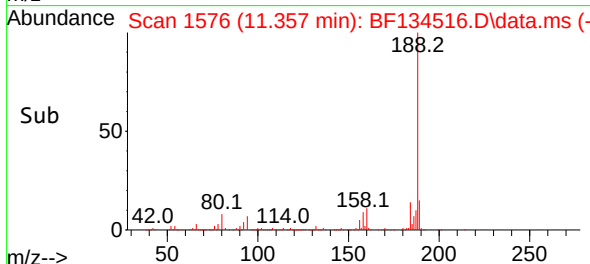
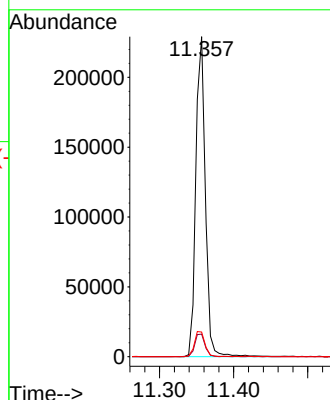
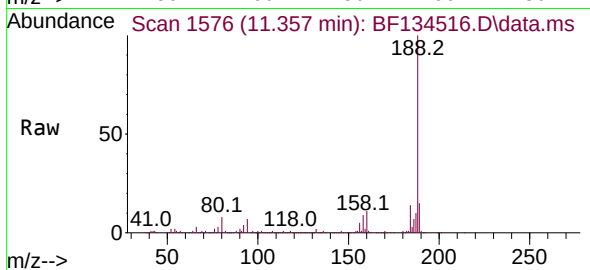
Tgt Ion:188 Resp: 204449

Ion Ratio Lower Upper

188 100

94 7.1 5.1 7.7

80 7.7 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 3.017 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.241 min

Lab File: BF134516.D

Acq: 27 Jul 2023 21:02

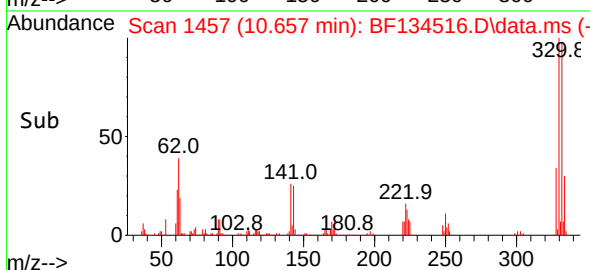
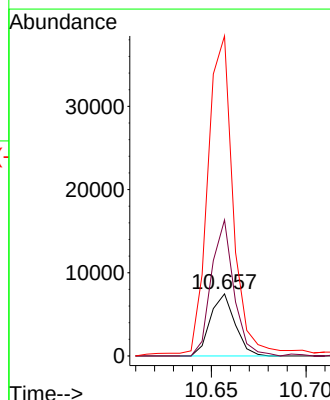
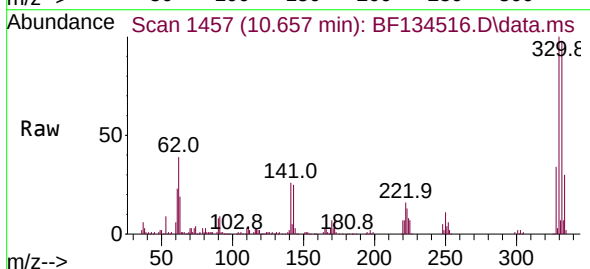
Tgt Ion:248 Resp: 6759

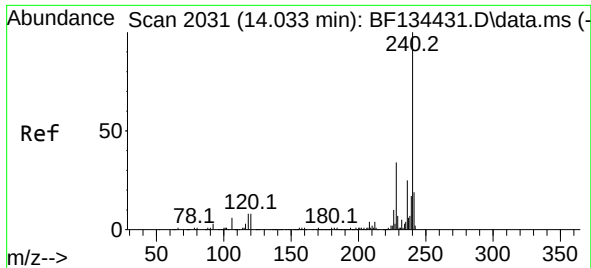
Ion Ratio Lower Upper

248 100

250 218.8 79.6 119.4#

141 514.8 59.6 89.4#

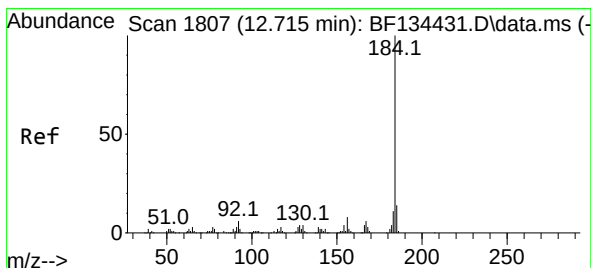
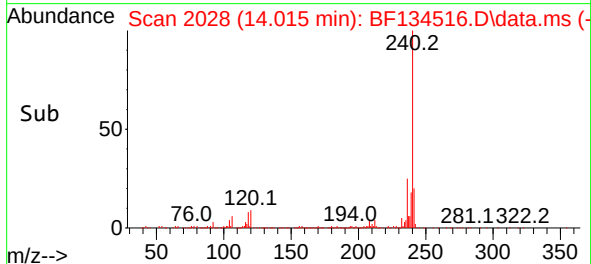
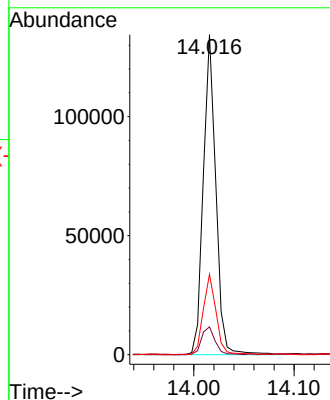
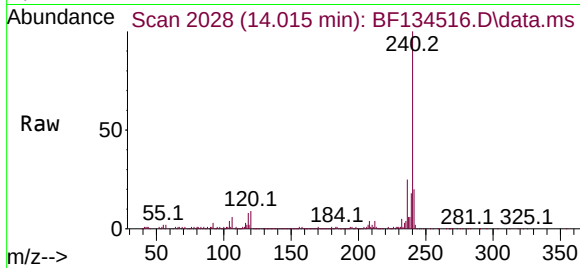




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134516.D
Acq: 27 Jul 2023 21:02

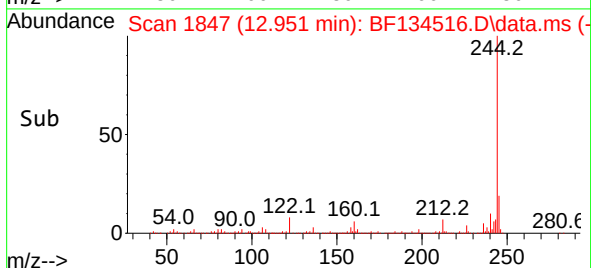
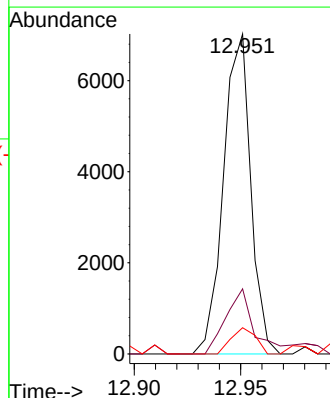
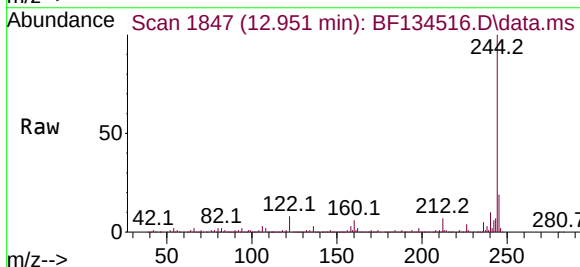
Instrument :
BNA_F
ClientSampleId :
B-P9A

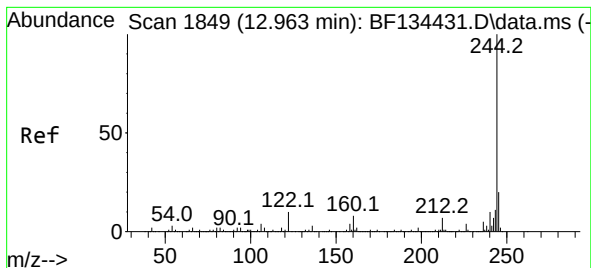
Tgt Ion:240 Resp: 117095
Ion Ratio Lower Upper
240 100
120 8.7 6.6 10.0
236 25.1 20.2 30.2



#77
Benzidine
Concen: 2.495 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.247 min
Lab File: BF134516.D
Acq: 27 Jul 2023 21:02

Tgt Ion:184 Resp: 6238
Ion Ratio Lower Upper
184 100
185 20.3 11.2 16.8#
183 8.2 8.6 13.0#





#79

Terphenyl-d14

Concen: 64.996 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF134516.D

Acq: 27 Jul 2023 21:02

Instrument :

BNA_F

ClientSampleId :

B-P9A

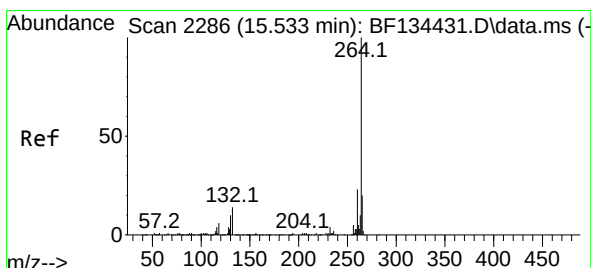
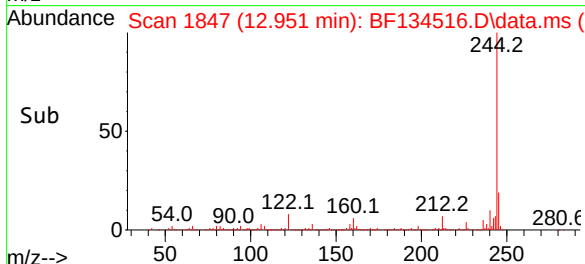
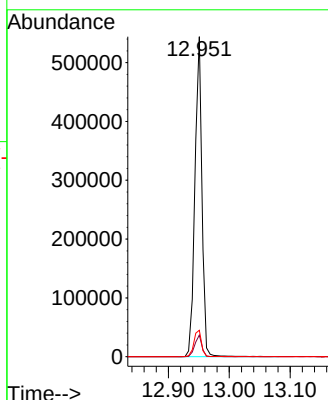
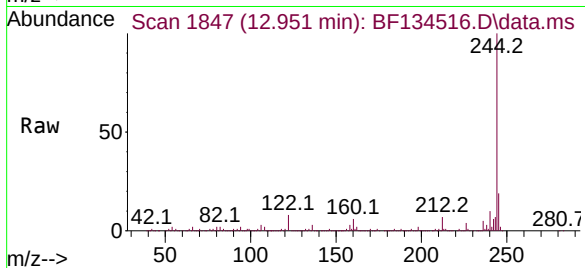
Tgt Ion:244 Resp: 435978

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 8.3 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF134516.D

Acq: 27 Jul 2023 21:02

Tgt Ion:264 Resp: 92908

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.3 15.8 23.8

