

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
 Data File : BF134515.D
 Acq On : 27 Jul 2023 20:29
 Operator : CG\JU
 Sample : 03706-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P10A

Quant Time: Jul 28 02:07:55 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)

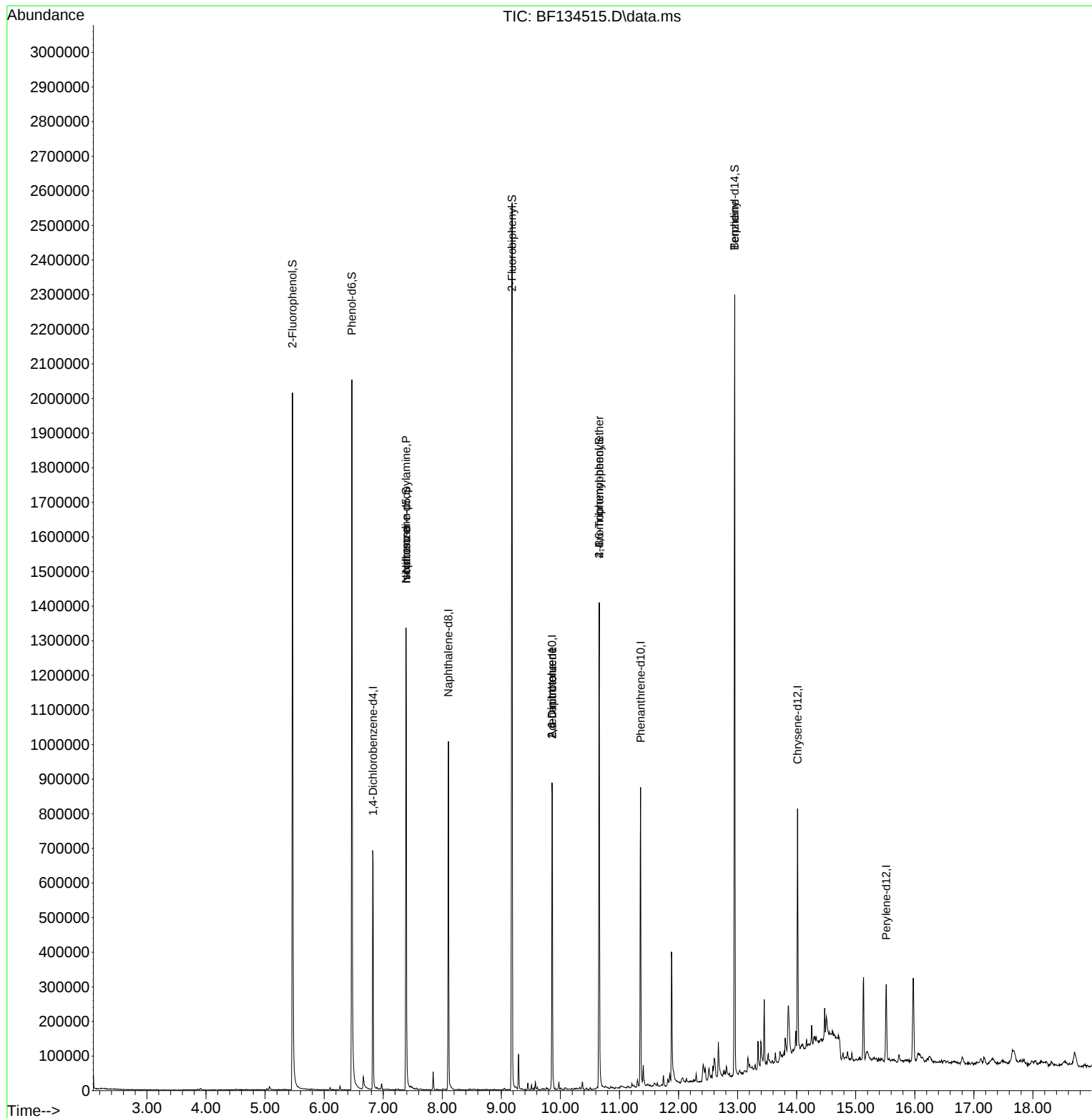
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	108157	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	409484	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	183971	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	317639	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	222006	20.000	ng	0.00
86) Perylene-d12	15.515	264	99367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	538692	82.290	ng	0.00
7) Phenol-d6	6.469	99	633118	78.938	ng	0.00
23) Nitrobenzene-d5	7.387	82	415058	51.283	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	174467	66.746	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	762474	54.409	ng	0.00
79) Terphenyl-d14	12.951	244	750195	58.989	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	57190	11.454	ng	# 75
25) Isophorone	7.387	82	415055	30.771	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	23179	7.746	ng	# 17
57) 2,4-Dinitrotoluene	9.857	165	23179	5.767	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	10096	2.901	ng	# 1
77) Benzidine	12.951	184	10201	2.152	ng	# 93

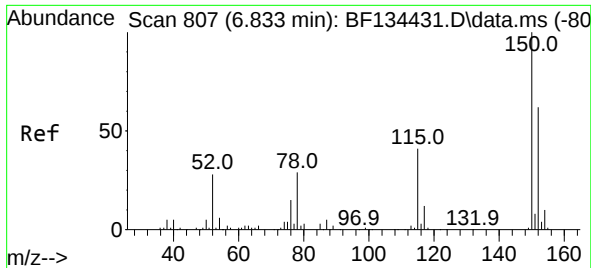
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
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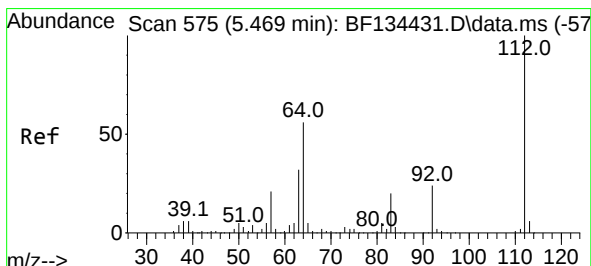
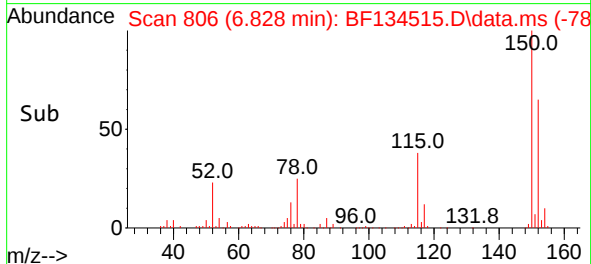
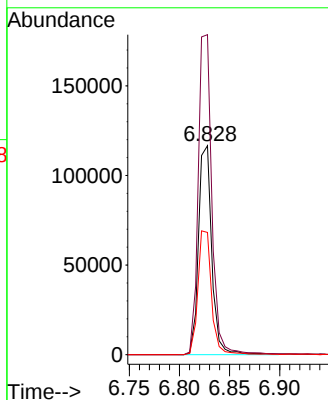
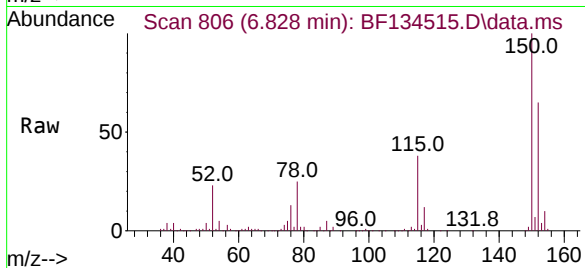




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF134515.D
Acq: 27 Jul 2023 20:29

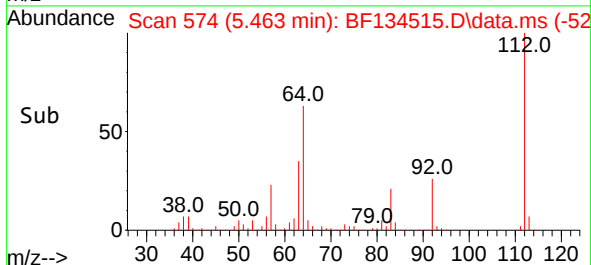
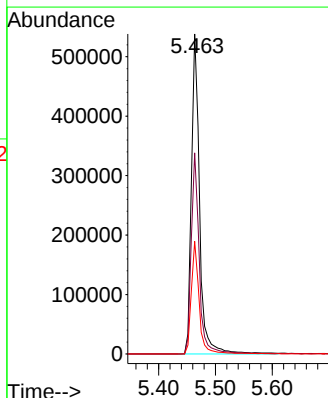
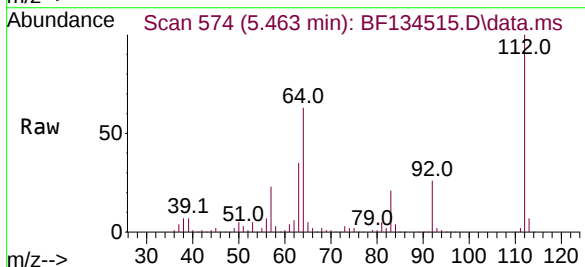
Instrument :
BNA_F
ClientSampleId :
B-P10A

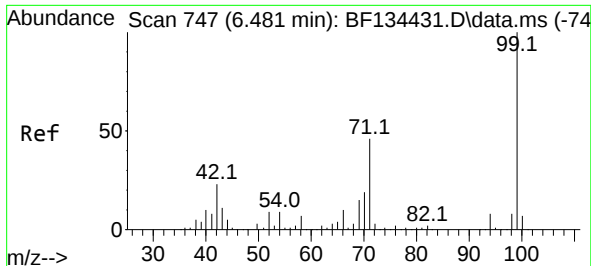
Tgt Ion:152 Resp: 108157
Ion Ratio Lower Upper
152 100
150 153.1 128.3 192.5
115 58.5 52.4 78.6



#5
2-Fluorophenol
Concen: 82.290 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF134515.D
Acq: 27 Jul 2023 20:29

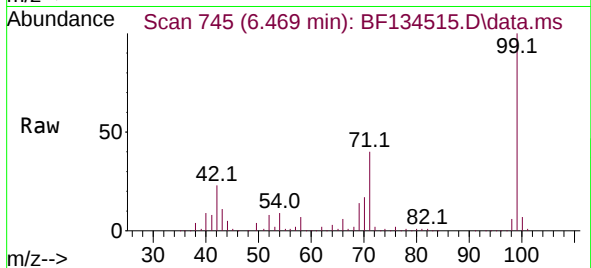
Tgt Ion:112 Resp: 538692
Ion Ratio Lower Upper
112 100
64 62.8 44.9 67.3
63 35.2 25.4 38.0



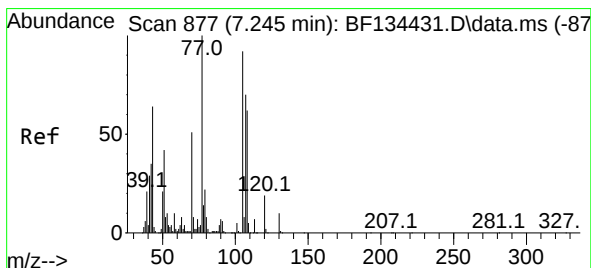
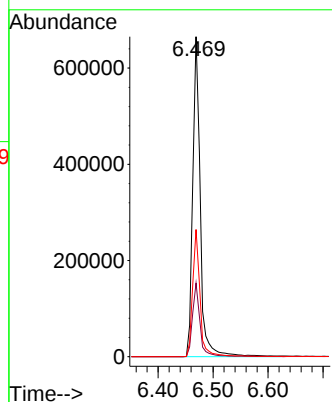
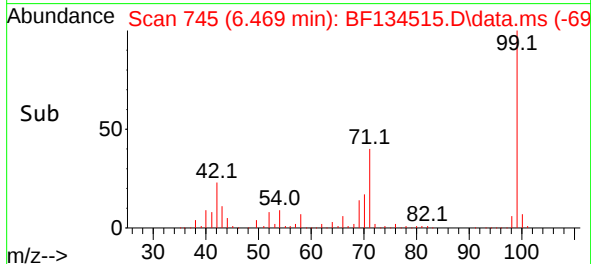


#7
Phenol-d6
Concen: 78.938 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134515.D
Acq: 27 Jul 2023 20:29

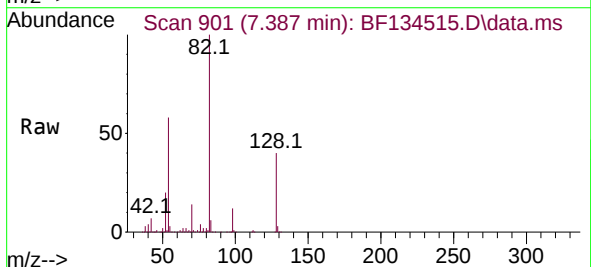
Instrument :
BNA_F
ClientSampleId :
B-P10A



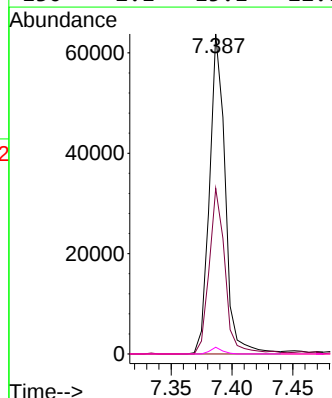
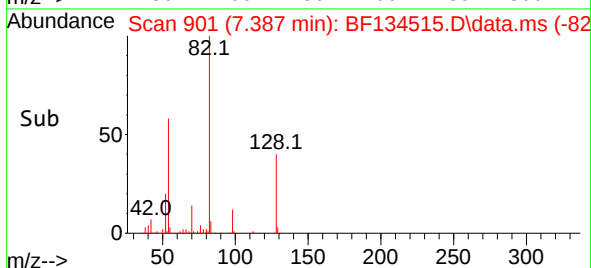
Tgt Ion: 99 Resp: 633118
Ion Ratio Lower Upper
99 100
42 23.0 18.7 28.1
71 39.7 36.4 54.6

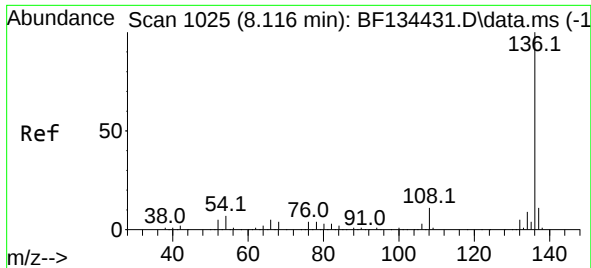


#19
n-Nitroso-di-n-propylamine
Concen: 11.454 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF134515.D
Acq: 27 Jul 2023 20:29



Tgt Ion: 70 Resp: 57190
Ion Ratio Lower Upper
70 100
42 51.7 54.7 82.1#
101 0.0 8.2 12.2#
130 2.1 15.1 22.7#

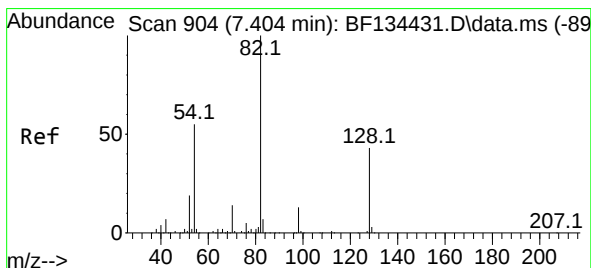
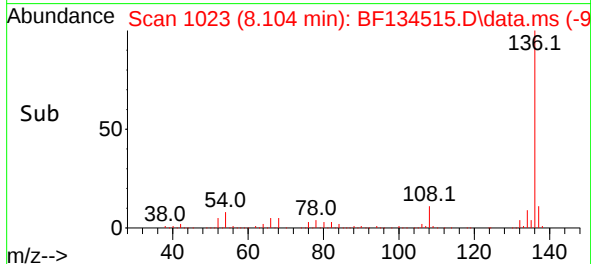
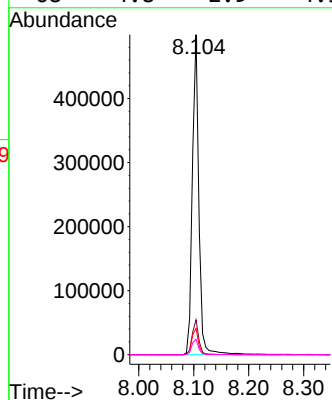
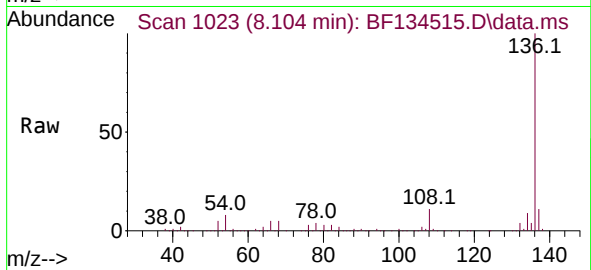




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF134515.D
Acq: 27 Jul 2023 20:29

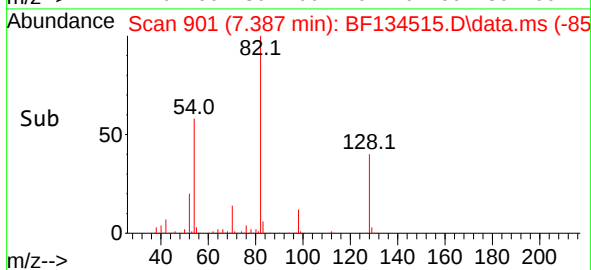
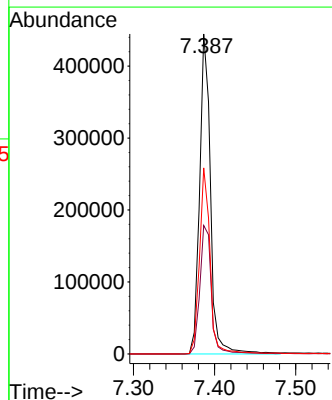
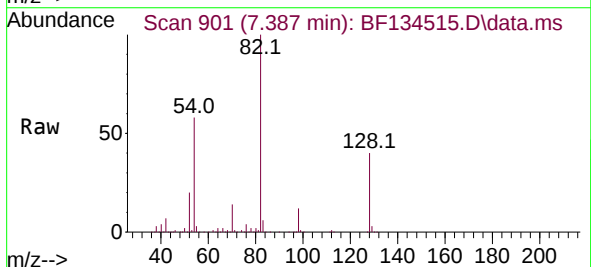
Instrument :
BNA_F
ClientSampleId :
B-P10A

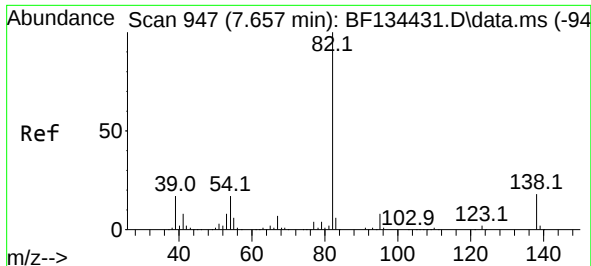
Tgt Ion:	136	Resp:	409484
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.4	12.6
54	8.2	5.2	7.8#
68	4.8	2.9	4.3#



#23
Nitrobenzene-d5
Concen: 51.283 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF134515.D
Acq: 27 Jul 2023 20:29

Tgt Ion:	82	Resp:	415058
Ion Ratio	Lower	Upper	
82	100		
128	40.1	34.3	51.5
54	58.2	43.8	65.6

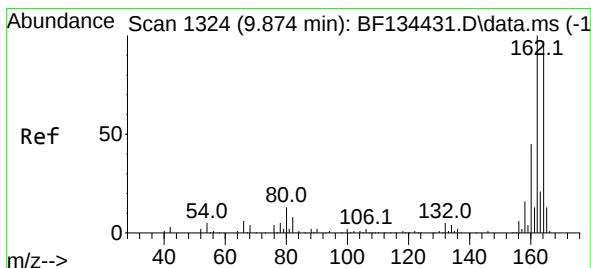
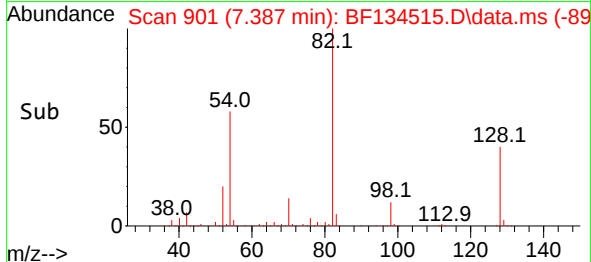
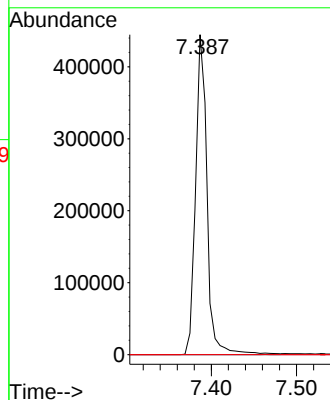
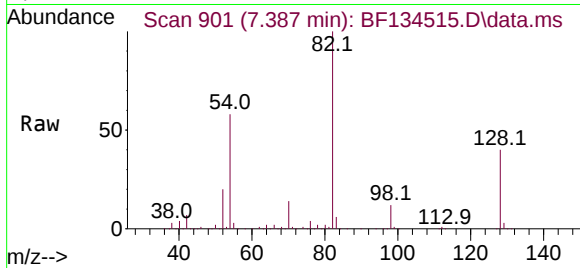




#25
Isophorone
Concen: 30.771 ng
RT: 7.387 min Scan# 90
Delta R.T. -0.264 min
Lab File: BF134515.D
Acq: 27 Jul 2023 20:29

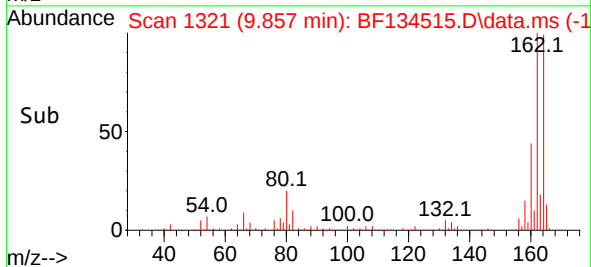
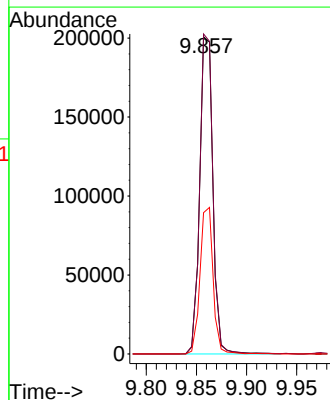
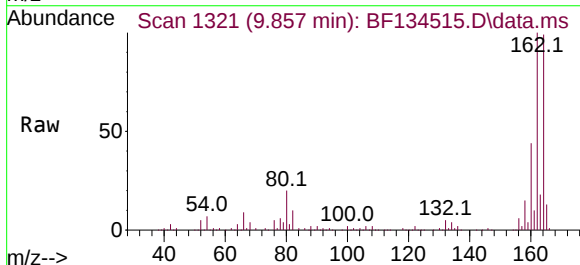
Instrument :
BNA_F
ClientSampleId :
B-P10A

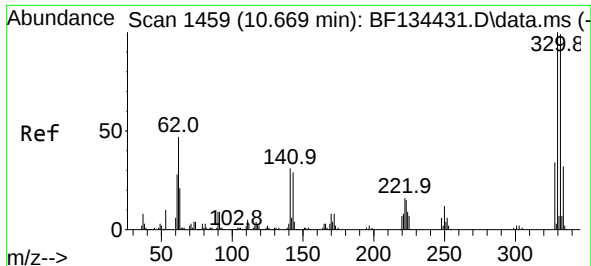
Tgt Ion: 82 Resp: 415055
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF134515.D
Acq: 27 Jul 2023 20:29

Tgt Ion:164 Resp: 183971
Ion Ratio Lower Upper
164 100
162 100.9 82.6 123.8
160 44.5 37.2 55.8

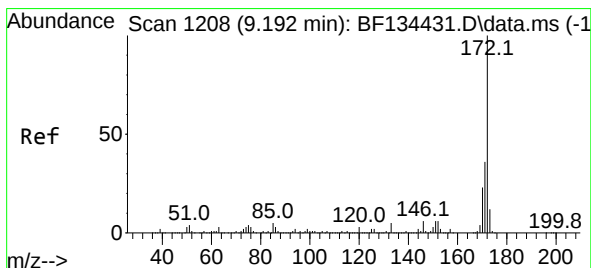
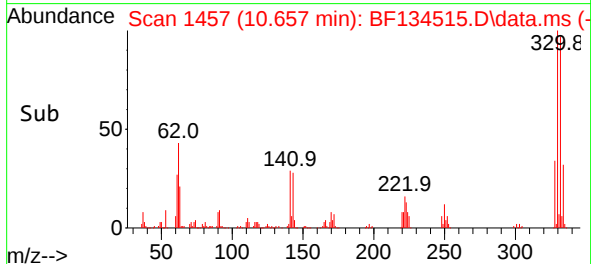
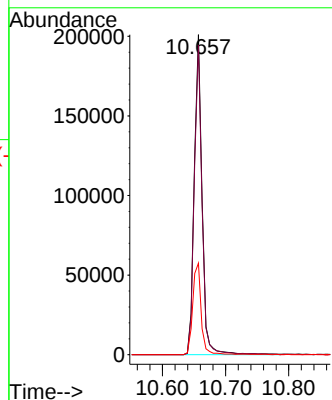
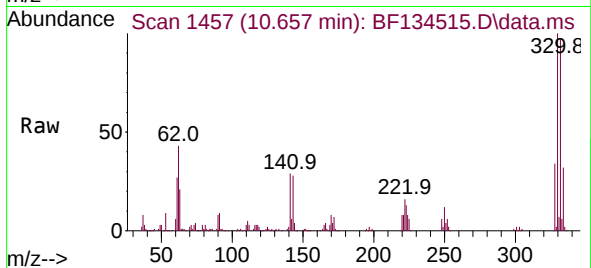




#42
2,4,6-Tribromophenol
Concen: 66.746 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF134515.D
Acq: 27 Jul 2023 20:29

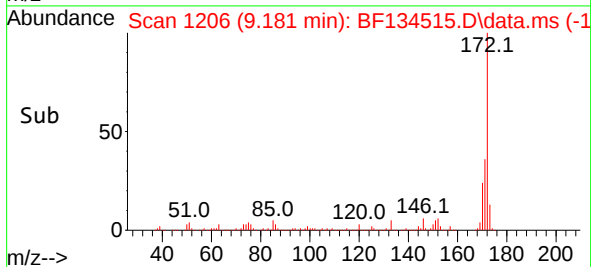
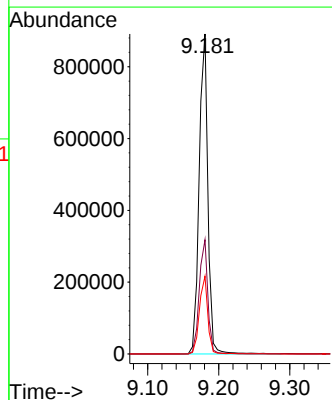
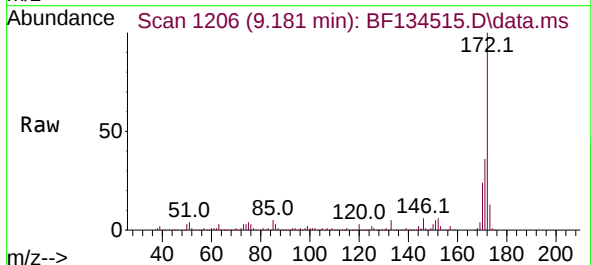
Instrument :
BNA_F
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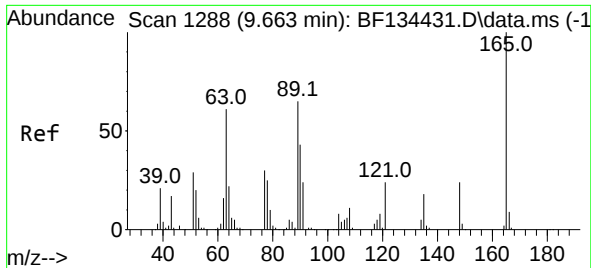
Tgt Ion: 330 Resp: 174467
Ion Ratio Lower Upper
330 100
332 95.5 78.8 118.2
141 30.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 54.409 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF134515.D
Acq: 27 Jul 2023 20:29

Tgt Ion: 172 Resp: 762474
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.3 18.7 28.1

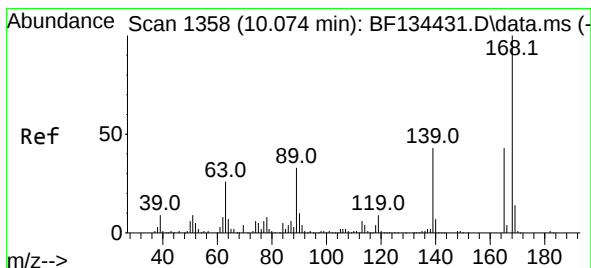
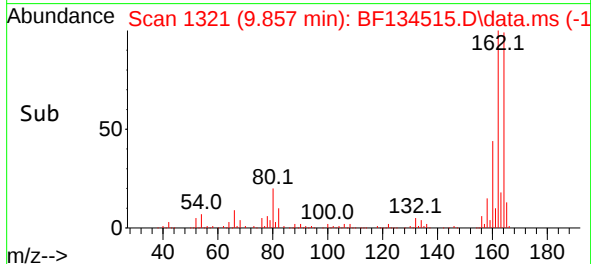
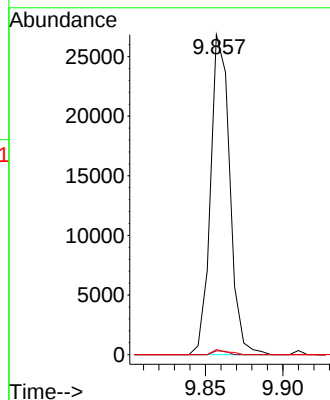
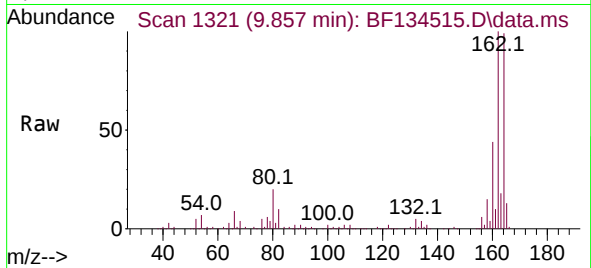




#51
2,6-Dinitrotoluene
Concen: 7.746 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134515.D
Acq: 27 Jul 2023 20:29

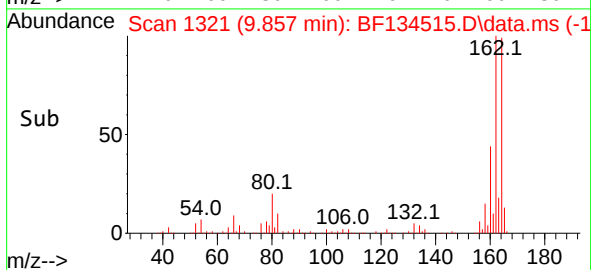
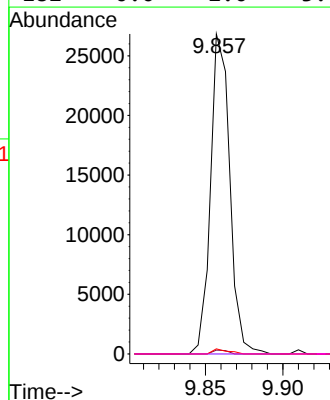
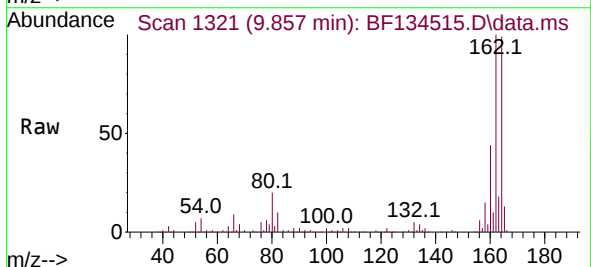
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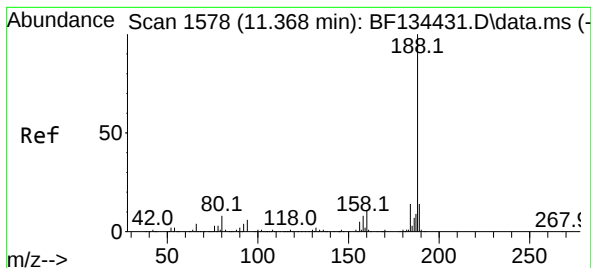
Tgt Ion:165 Resp: 23179
Ion Ratio Lower Upper
165 100
63 1.2 57.8 86.6#
89 1.6 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 5.767 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.212 min
Lab File: BF134515.D
Acq: 27 Jul 2023 20:29

Tgt Ion:165 Resp: 23179
Ion Ratio Lower Upper
165 100
63 1.2 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# 11

Delta R.T. 0.000 min

Lab File: BF134515.D

Acq: 27 Jul 2023 20:29

Instrument :

BNA_F

ClientSampleId :

B-P10A

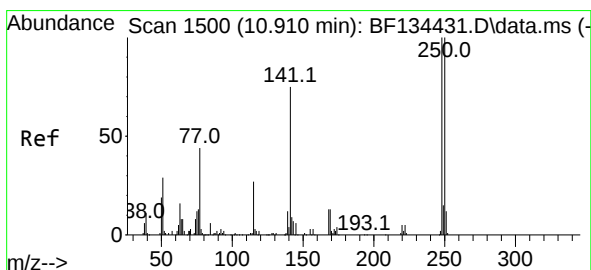
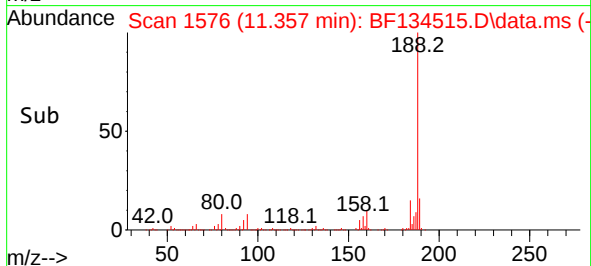
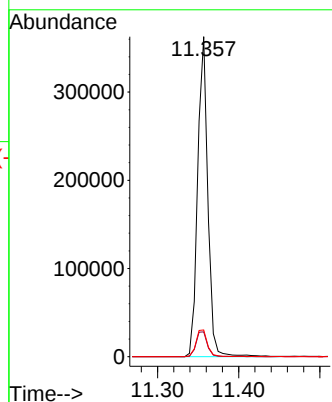
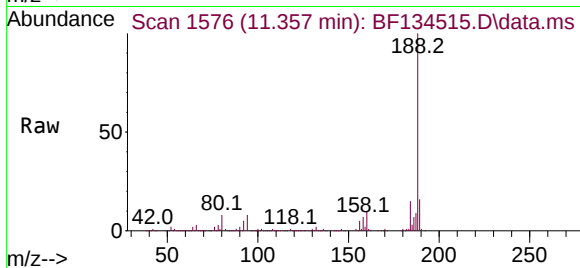
Tgt Ion:188 Resp: 317639

Ion Ratio Lower Upper

188 100

94 7.8 5.1 7.7#

80 8.4 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 2.901 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.241 min

Lab File: BF134515.D

Acq: 27 Jul 2023 20:29

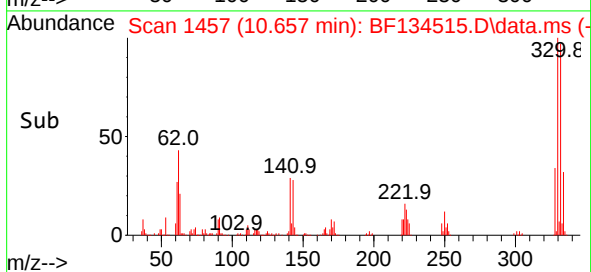
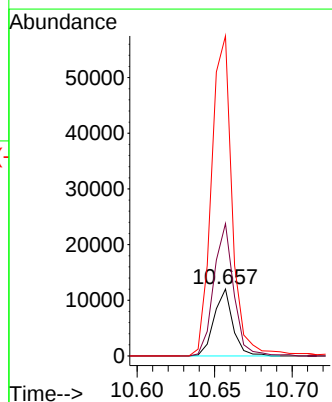
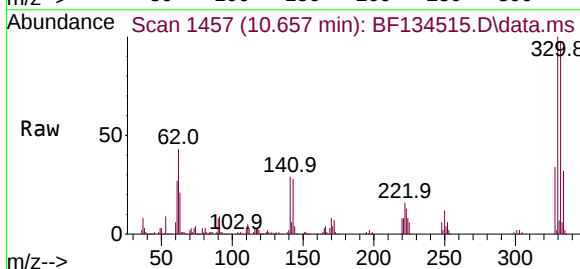
Tgt Ion:248 Resp: 10096

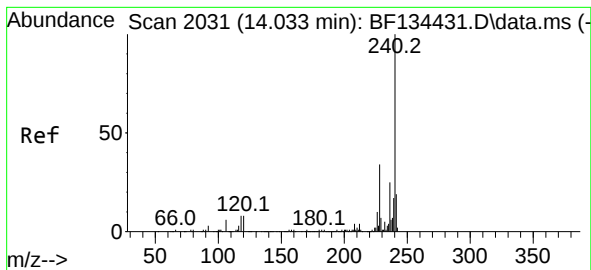
Ion Ratio Lower Upper

248 100

250 197.9 79.6 119.4#

141 478.6 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134515.D

Acq: 27 Jul 2023 20:29

Instrument :

BNA_F

ClientSampleId :

B-P10A

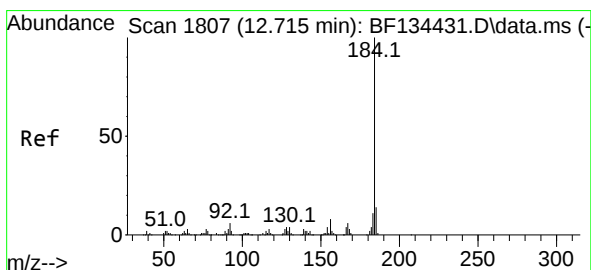
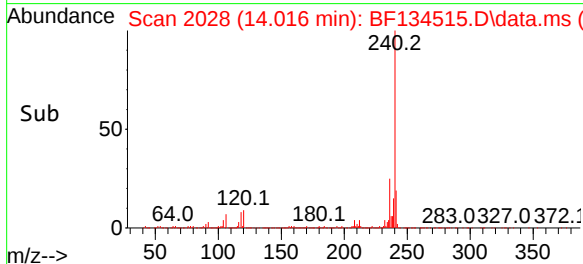
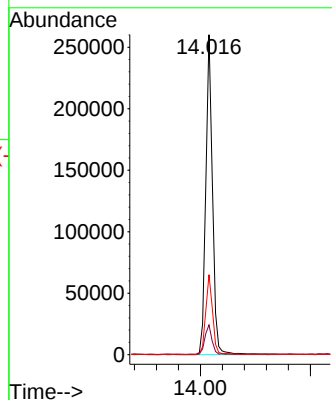
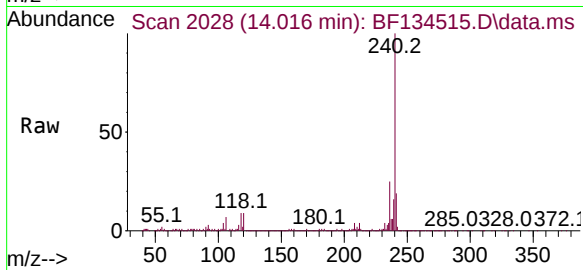
Tgt Ion:240 Resp: 222006

Ion Ratio Lower Upper

240 100

120 9.3 6.6 10.0

236 25.0 20.2 30.2



#77

Benzidine

Concen: 2.152 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.247 min

Lab File: BF134515.D

Acq: 27 Jul 2023 20:29

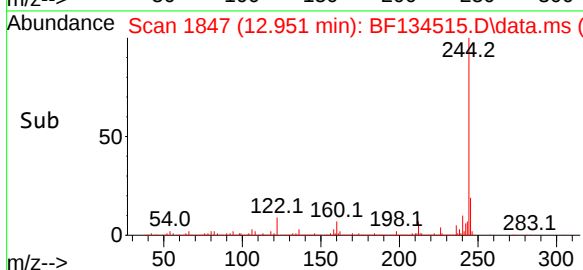
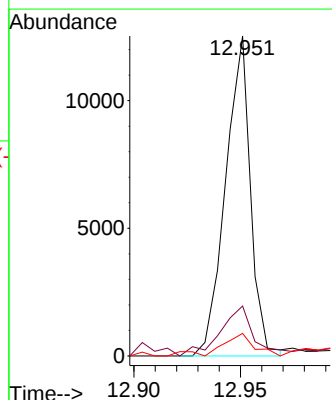
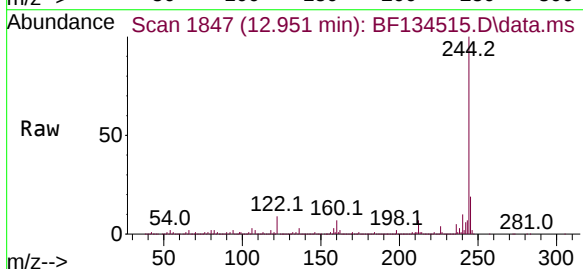
Tgt Ion:184 Resp: 10201

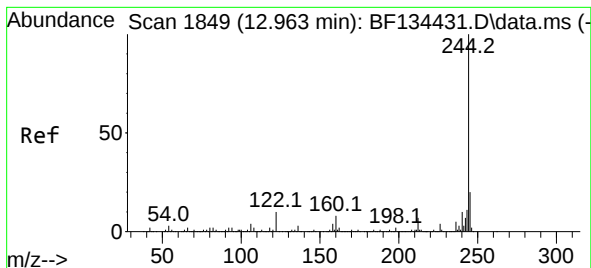
Ion Ratio Lower Upper

184 100

185 15.6 11.2 16.8

183 7.1 8.6 13.0#





#79

Terphenyl-d14

Concen: 58.989 ng

RT: 12.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134515.D

Acq: 27 Jul 2023 20:29

Instrument :

BNA_F

ClientSampleId :

B-P10A

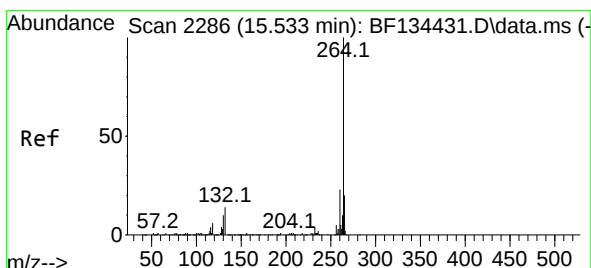
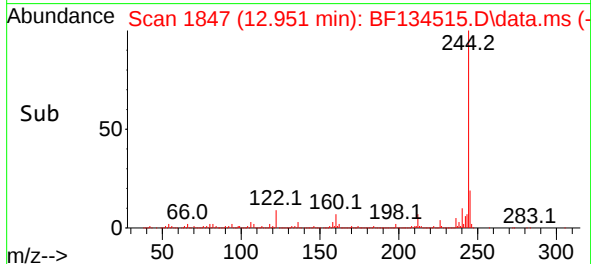
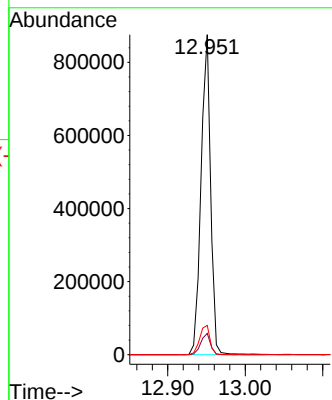
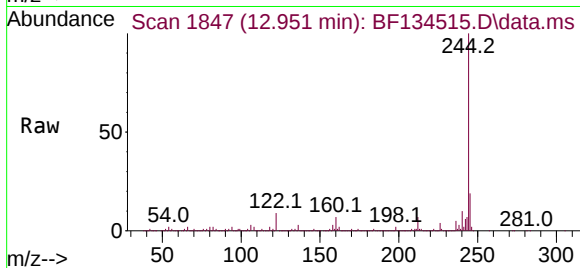
Tgt Ion:244 Resp: 750195

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 9.2 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: BF134515.D

Acq: 27 Jul 2023 20:29

Tgt Ion:264 Resp: 99367

Ion Ratio Lower Upper

264 100

260 24.6 18.4 27.6

265 21.5 15.8 23.8

