

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134266.D
 Acq On : 13 Jul 2023 17:29
 Operator : CG\JU
 Sample : 03569-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 19:10:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

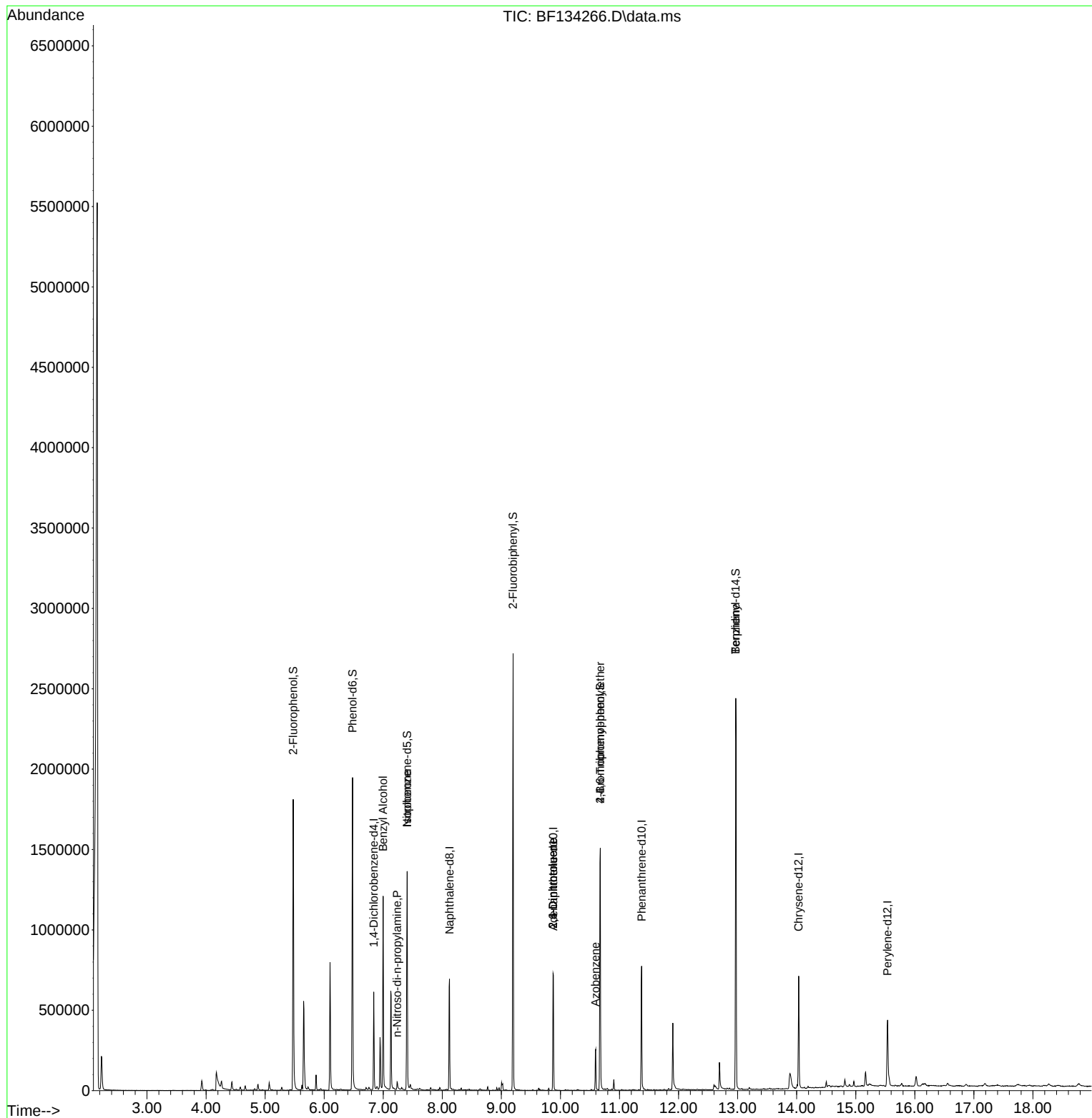
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	80146	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	310273	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	152302	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	294259	20.000	ng	0.00
76) Chrysene-d12	14.033	240	221767	20.000	ng	0.00
86) Perylene-d12	15.539	264	206389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	477730	99.709	ng	0.00
7) Phenol-d6	6.481	99	571551	97.000	ng	0.00
23) Nitrobenzene-d5	7.404	82	384348	66.775	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	192356	100.733	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	737518	70.404	ng	0.00
79) Terphenyl-d14	12.968	244	882025	64.011	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	1046	Below Cal	#	1
15) Benzyl Alcohol	6.998	79	11801	2.598	ng	# 46
19) n-Nitroso-di-n-propyla...	7.234	70	11855	3.173	ng	# 57
25) Isophorone	7.404	82	384348	36.741	ng	# 64
51) 2,6-Dinitrotoluene	9.875	165	19404	8.149	ng	# 23
57) 2,4-Dinitrotoluene	9.875	165	19404	6.170	ng	# 22
63) Azobenzene	10.592	77	47057	4.319	ng	# 5
67) 4-Bromophenyl-phenylether	10.674	248	12104	3.870	ng	# 1
77) Benzidine	12.968	184	11976	2.270	ng	# 90

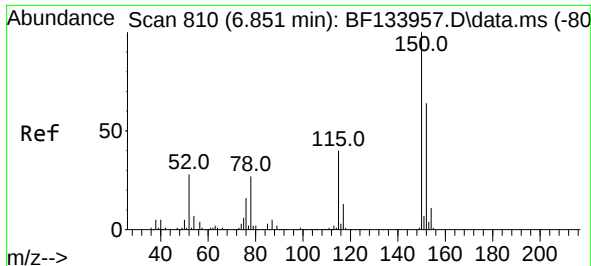
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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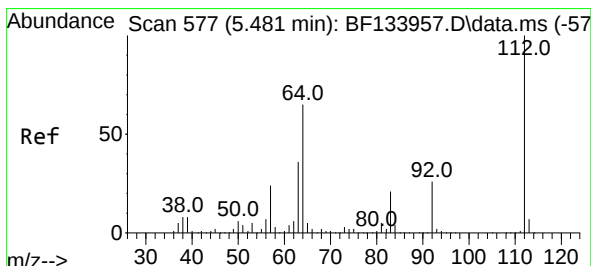
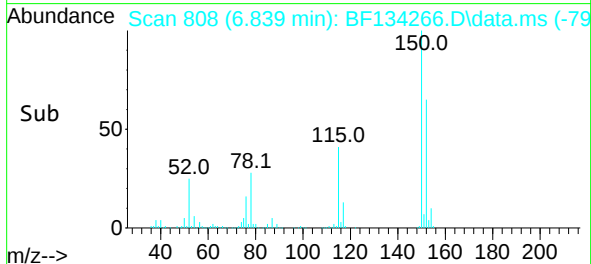
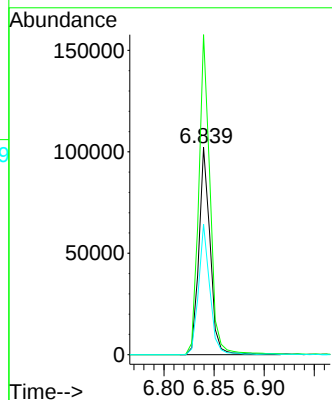
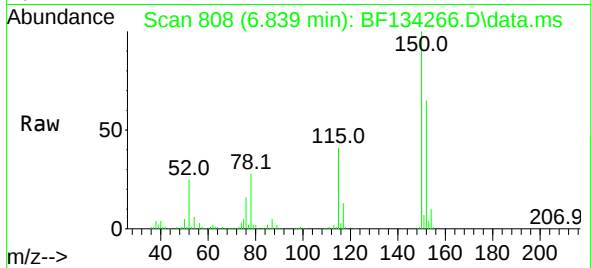




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134266.D
 Acq: 13 Jul 2023 17:29

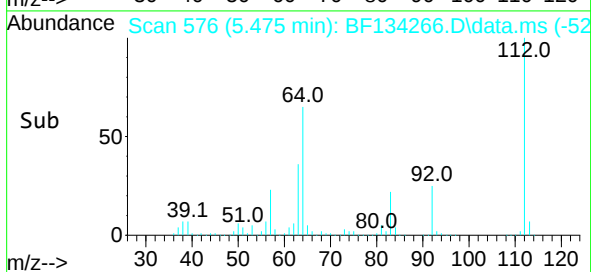
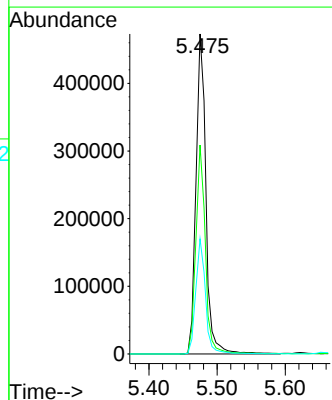
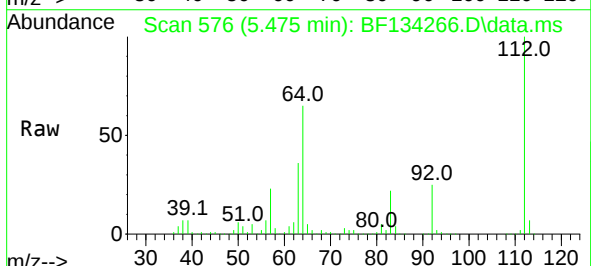
Instrument :
 BNA_F
 ClientSampleId :

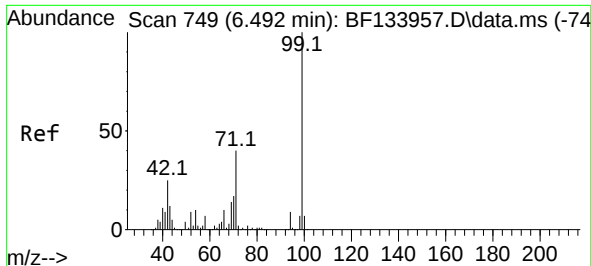
Tgt Ion:152 Resp: 80146
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.5 186.7
 115 63.0 50.2 75.2



#5
 2-Fluorophenol
 Concen: 99.709 ng
 RT: 5.475 min Scan# 576
 Delta R.T. -0.000 min
 Lab File: BF134266.D
 Acq: 13 Jul 2023 17:29

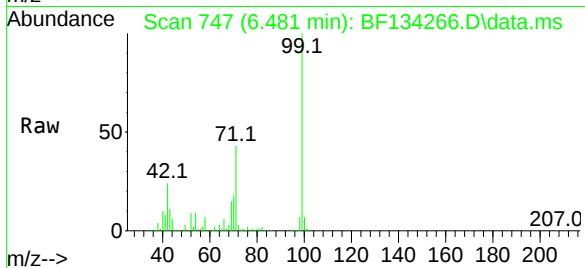
Tgt Ion:112 Resp: 477730
 Ion Ratio Lower Upper
 112 100
 64 65.3 52.1 78.1
 63 36.0 28.6 42.8



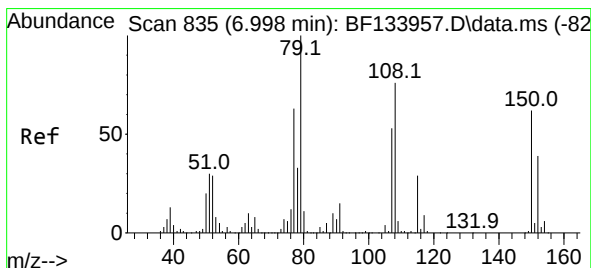
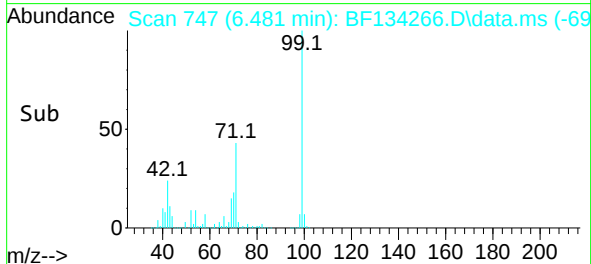
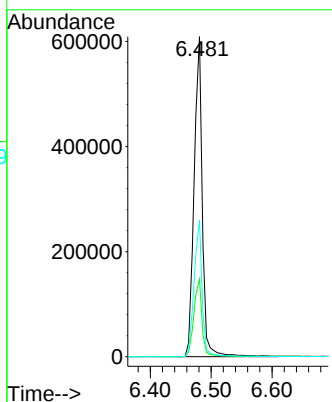


#7
Phenol-d6
Concen: 97.000 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134266.D
Acq: 13 Jul 2023 17:29

Instrument :
BNA_F
ClientSampleId :

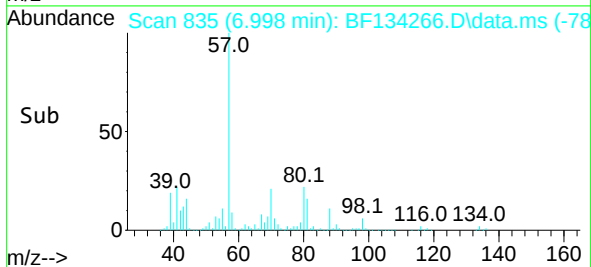
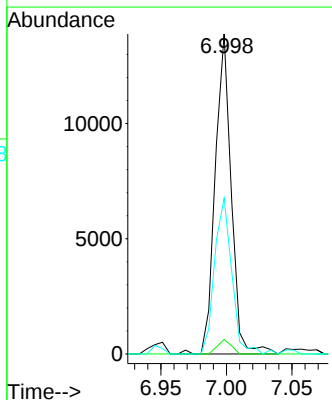
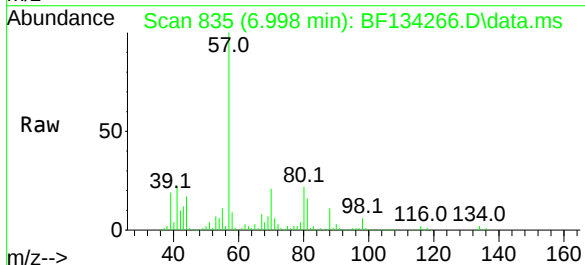


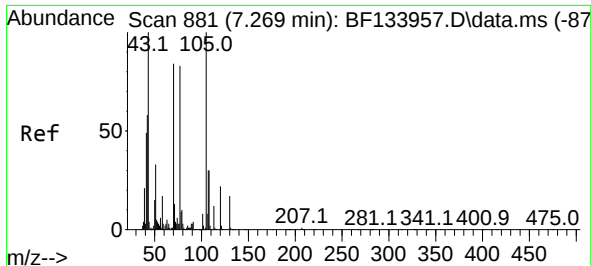
Tgt Ion: 99 Resp: 571551
Ion Ratio Lower Upper
99 100
42 24.2 19.8 29.6
71 42.7 31.9 47.9



#15
Benzyl Alcohol
Concen: 2.598 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.012 min
Lab File: BF134266.D
Acq: 13 Jul 2023 17:29

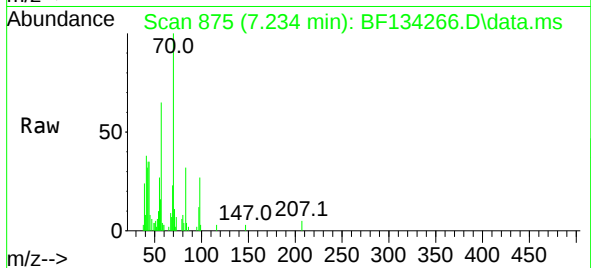
Tgt Ion: 79 Resp: 11801
Ion Ratio Lower Upper
79 100
108 4.5 60.7 91.1#
77 48.7 50.6 75.8#



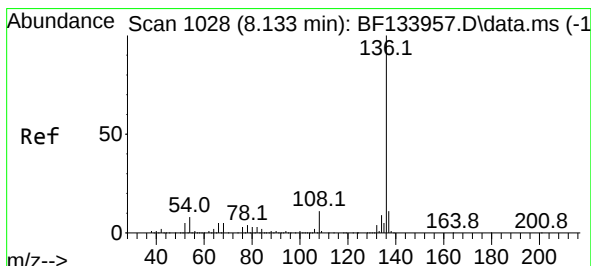
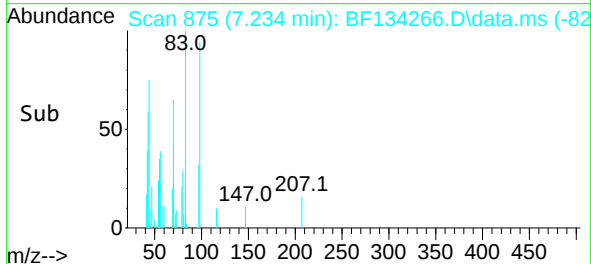
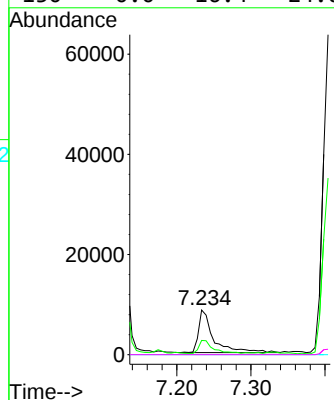


#19
n-Nitroso-di-n-propylamine
Concen: 3.173 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.024 min
Lab File: BF134266.D
Acq: 13 Jul 2023 17:29

Instrument :
BNA_F
ClientSampleId :

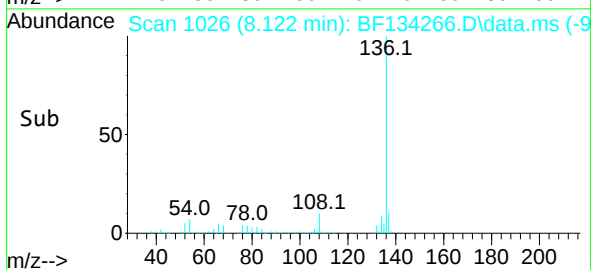
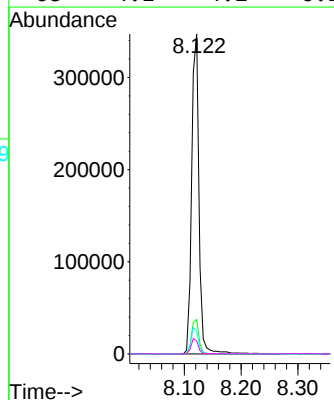
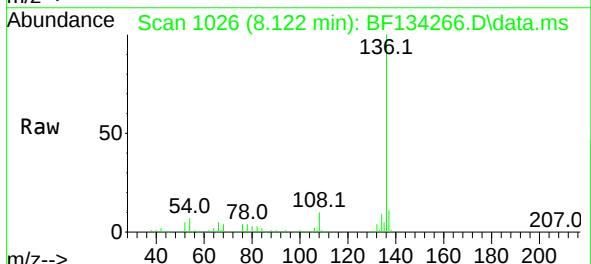


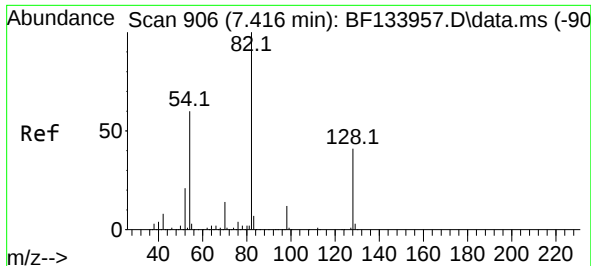
Tgt Ion:	70	Resp:	11855
Ion	Ratio	Lower	Upper
70	100		
42	31.9	54.7	82.1#
101	0.0	7.7	11.5#
130	0.0	16.4	24.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134266.D
Acq: 13 Jul 2023 17:29

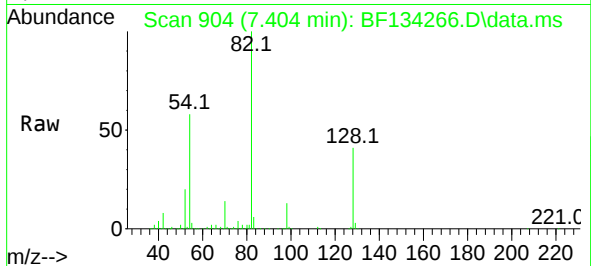
Tgt Ion:	136	Resp:	310273
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.3	6.5	9.7
68	4.1	4.2	6.2#



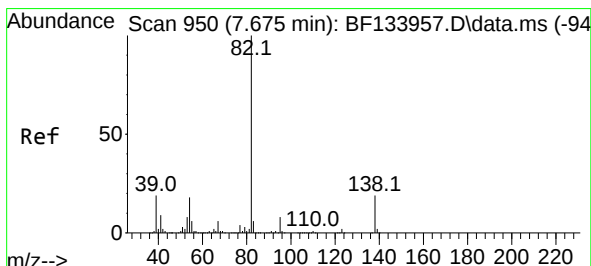
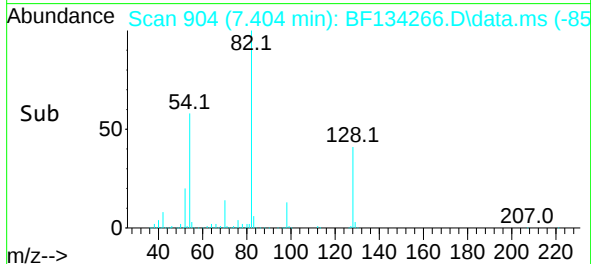
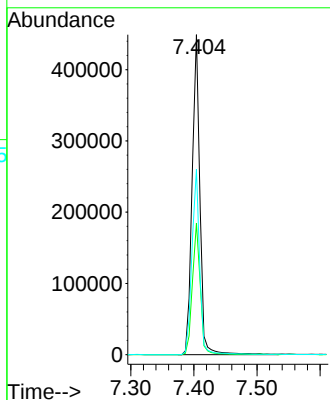


#23
Nitrobenzene-d5
Concen: 66.775 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134266.D
Acq: 13 Jul 2023 17:29

Instrument :
BNA_F
ClientSampleId :

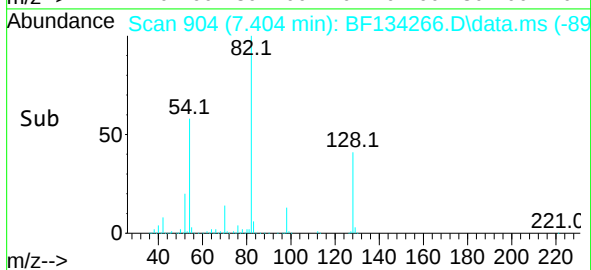
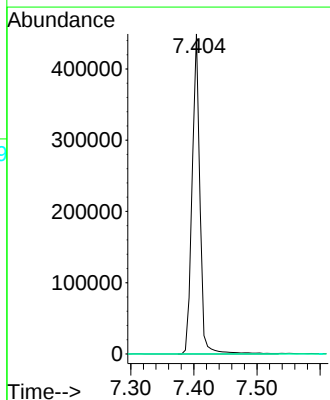
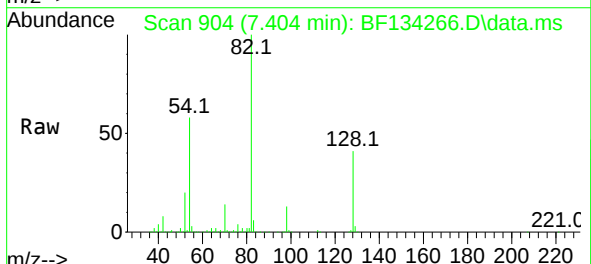


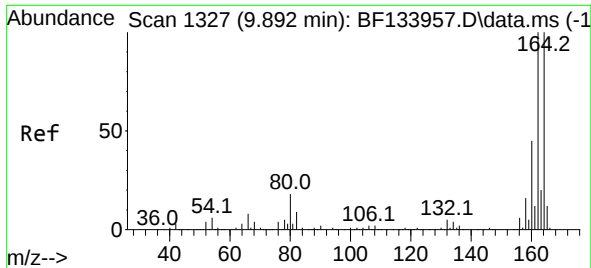
Tgt Ion: 82 Resp: 384348
Ion Ratio Lower Upper
82 100
128 41.1 32.5 48.7
54 57.9 48.2 72.2



#25
Isophorone
Concen: 36.741 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF134266.D
Acq: 13 Jul 2023 17:29

Tgt Ion: 82 Resp: 384348
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1

Delta R.T. -0.006 min

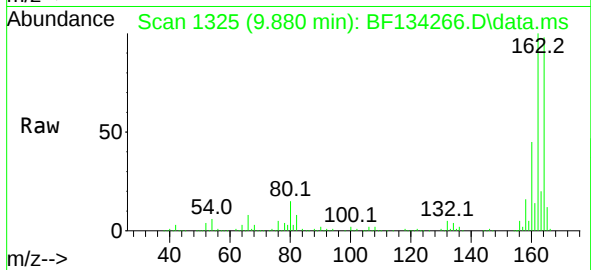
Lab File: BF134266.D

Acq: 13 Jul 2023 17:29

Instrument :

BNA_F

ClientSampleId :



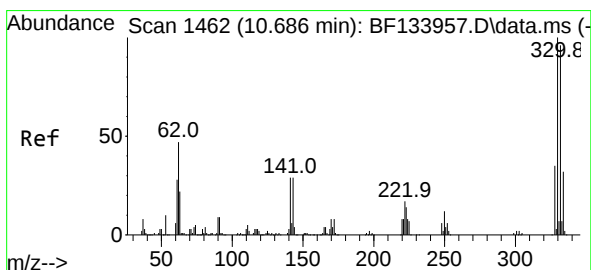
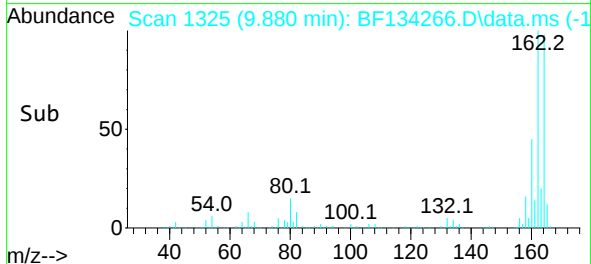
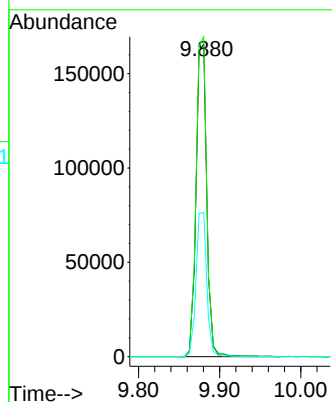
Tgt Ion:164 Resp: 152302

Ion Ratio Lower Upper

164 100

162 102.5 80.0 120.0

160 46.2 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 100.733 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134266.D

Acq: 13 Jul 2023 17:29

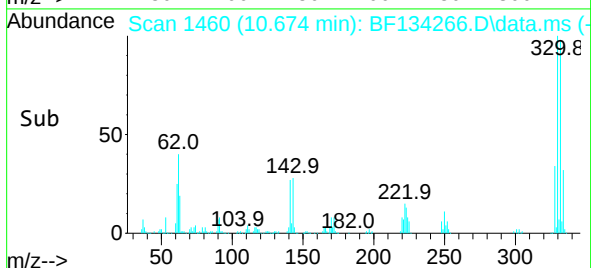
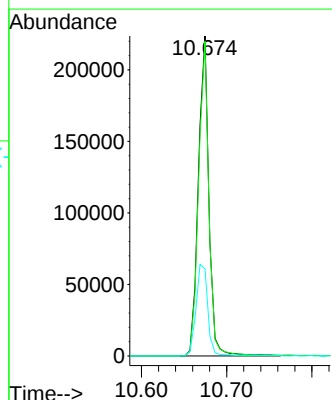
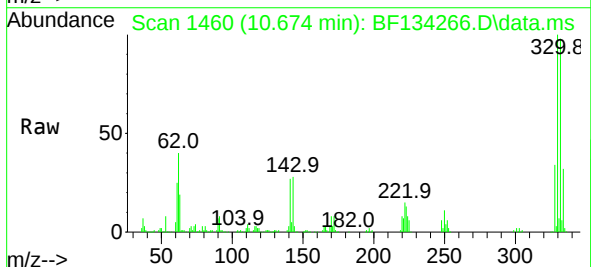
Tgt Ion:330 Resp: 192356

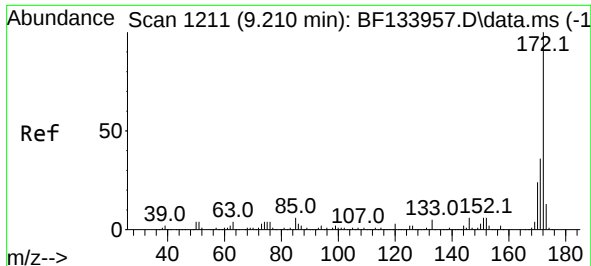
Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

141 32.0 26.3 39.5





#45

2-Fluorobiphenyl

Concen: 70.404 ng

RT: 9.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134266.D

Acq: 13 Jul 2023 17:29

Instrument :

BNA_F

ClientSampleId :

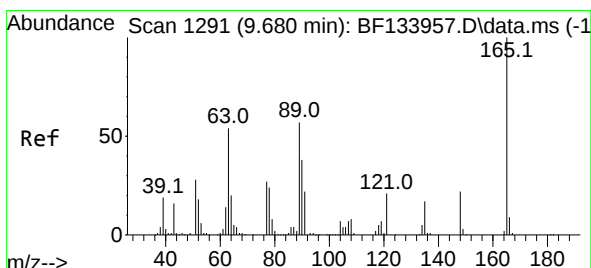
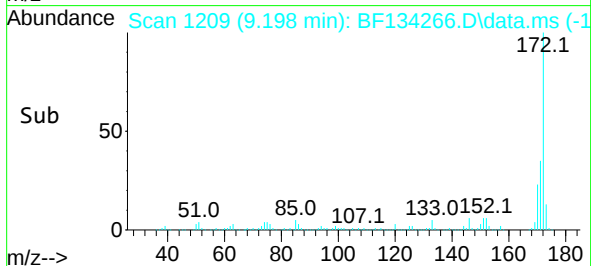
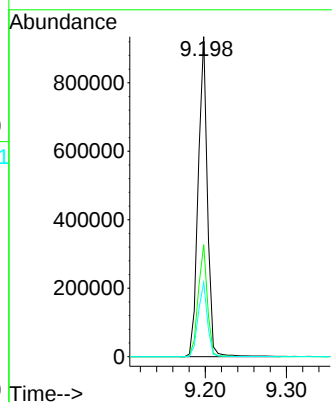
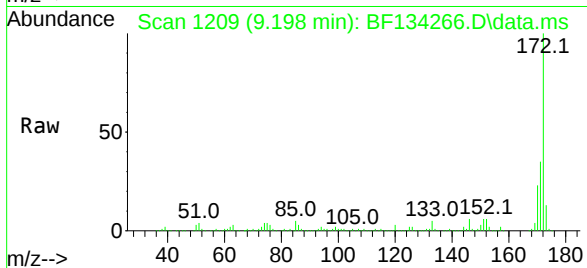
Tgt Ion:172 Resp: 737518

Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.2 19.4 29.0



#51

2,6-Dinitrotoluene

Concen: 8.149 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.200 min

Lab File: BF134266.D

Acq: 13 Jul 2023 17:29

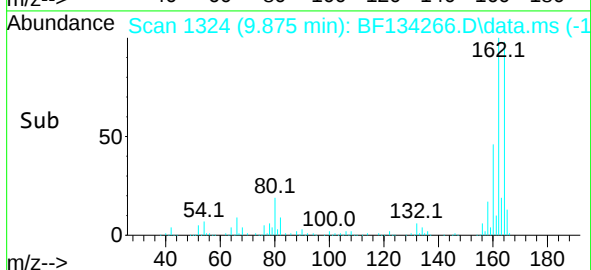
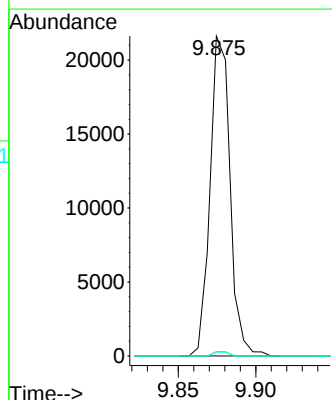
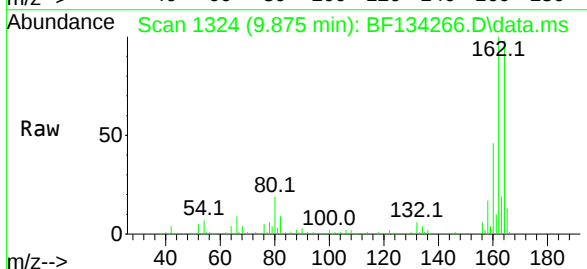
Tgt Ion:165 Resp: 19404

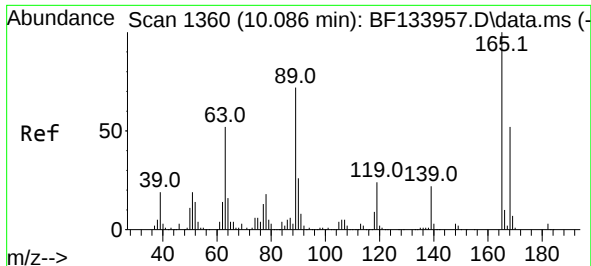
Ion Ratio Lower Upper

165 100

63 1.3 48.5 72.7#

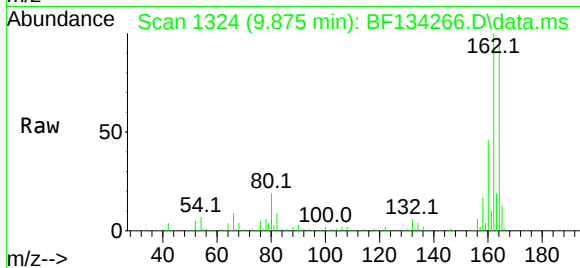
89 1.2 45.5 68.3#



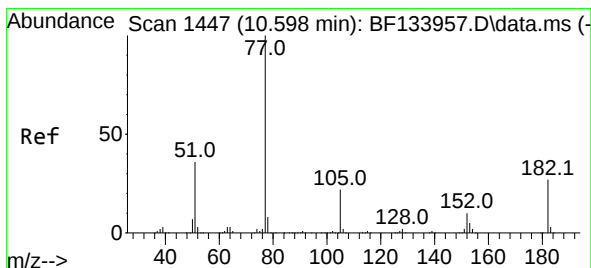
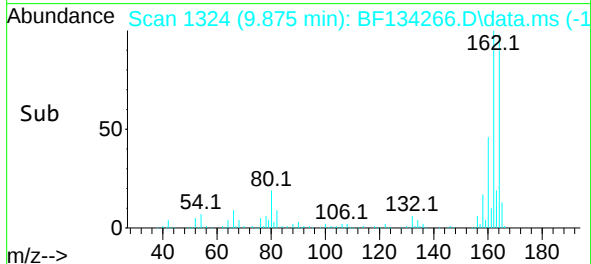
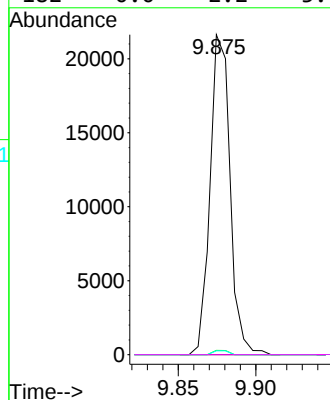


#57
2,4-Dinitrotoluene
Concen: 6.170 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134266.D
Acq: 13 Jul 2023 17:29

Instrument :
BNA_F
ClientSampleId :

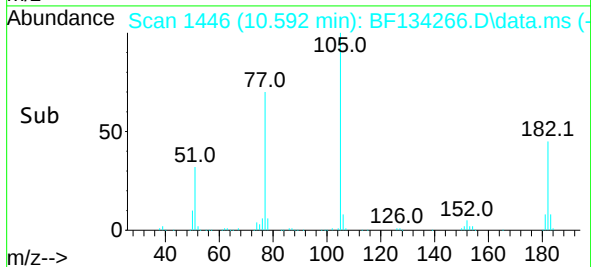
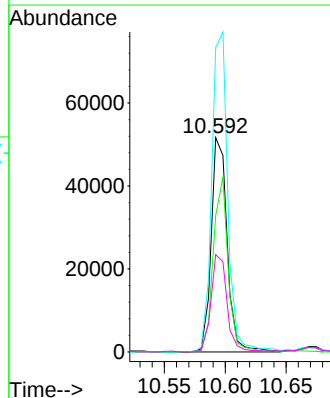
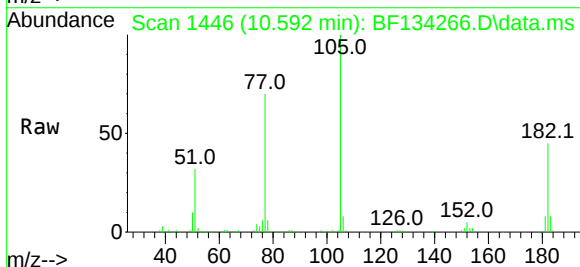


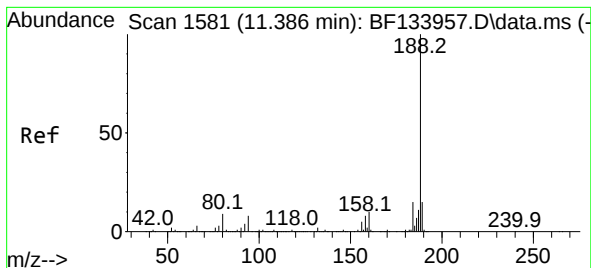
Tgt Ion:165 Resp: 19404
Ion Ratio Lower Upper
165 100
63 1.3 42.2 63.2#
89 1.2 57.4 86.2#
182 0.0 2.2 3.4#



#63
Azobenzene
Concen: 4.319 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF134266.D
Acq: 13 Jul 2023 17:29

Tgt Ion: 77 Resp: 47057
Ion Ratio Lower Upper
77 100
182 63.8 6.8 46.8#
105 142.2 2.3 42.3#
51 45.4 16.2 56.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134266.D

Acq: 13 Jul 2023 17:29

Instrument :

BNA_F

ClientSampleId :

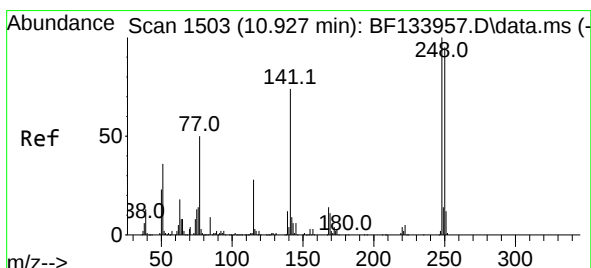
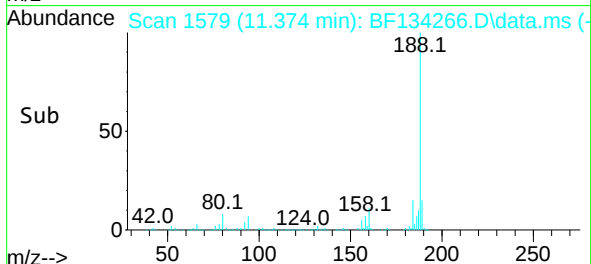
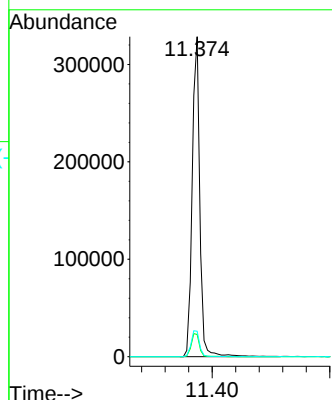
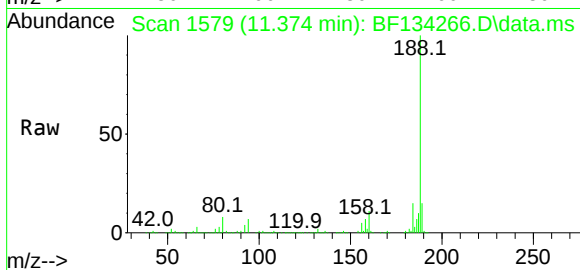
Tgt Ion:188 Resp: 294259

Ion Ratio Lower Upper

188 100

94 7.0 6.4 9.6

80 8.0 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 3.870 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.247 min

Lab File: BF134266.D

Acq: 13 Jul 2023 17:29

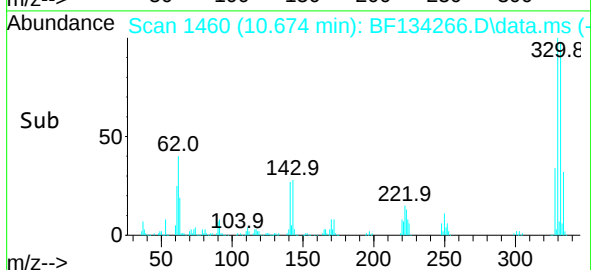
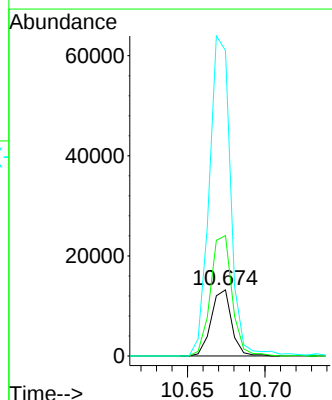
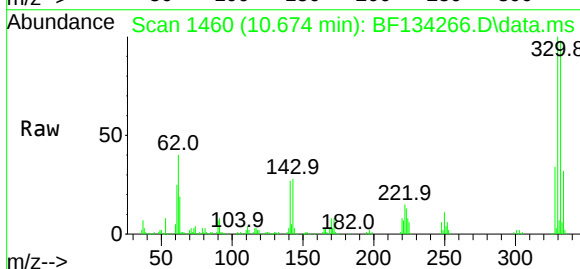
Tgt Ion:248 Resp: 12104

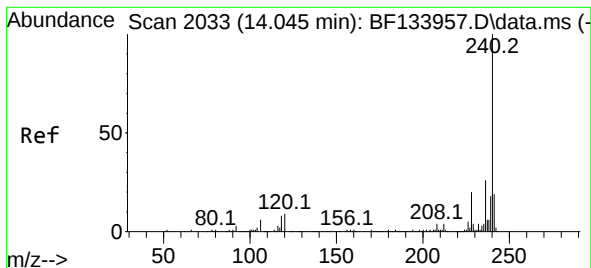
Ion Ratio Lower Upper

248 100

250 182.2 76.2 114.4#

141 462.2 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF134266.D

Acq: 13 Jul 2023 17:29

Instrument :

BNA_F

ClientSampleId :

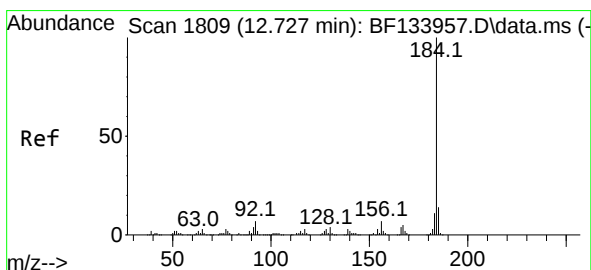
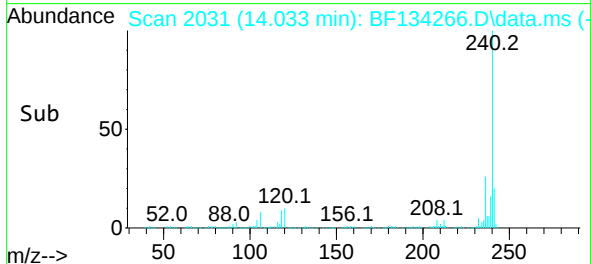
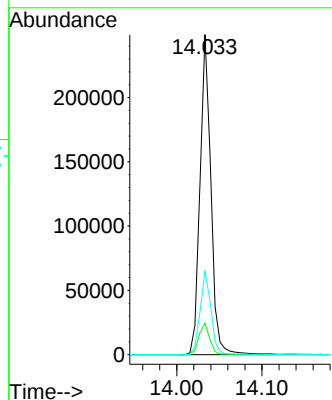
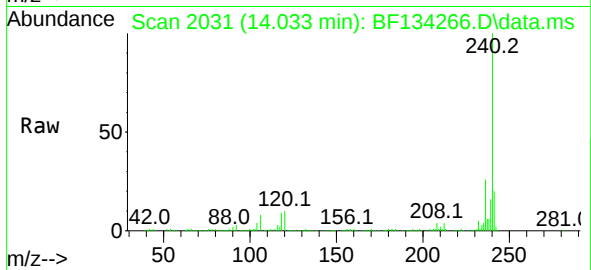
Tgt Ion:240 Resp: 221767

Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.0

236 26.1 21.0 31.6



#77

Benzidine

Concen: 2.270 ng

RT: 12.968 min Scan# 1850

Delta R.T. 0.241 min

Lab File: BF134266.D

Acq: 13 Jul 2023 17:29

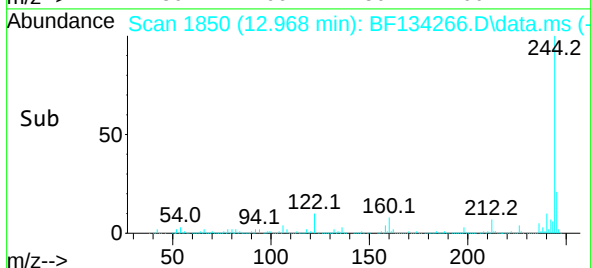
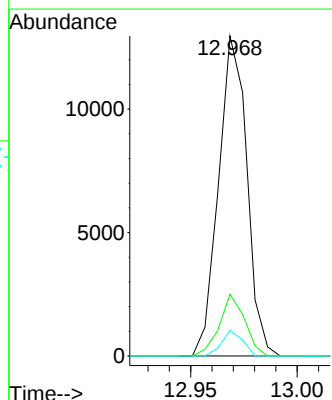
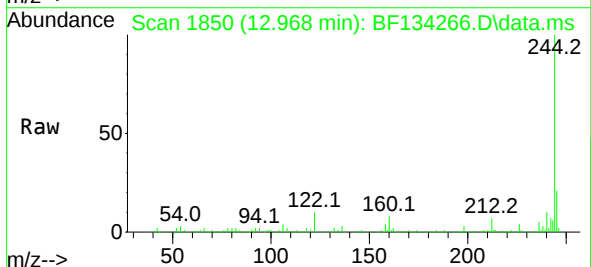
Tgt Ion:184 Resp: 11976

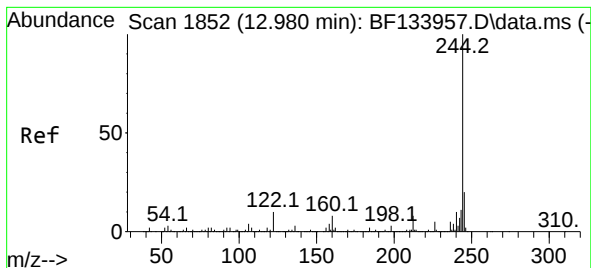
Ion Ratio Lower Upper

184 100

185 19.3 11.6 17.4#

183 7.9 8.8 13.2#





#79

Terphenyl-d14

Concen: 64.011 ng

RT: 12.968 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134266.D

Acq: 13 Jul 2023 17:29

Instrument :

BNA_F

ClientSampleId :

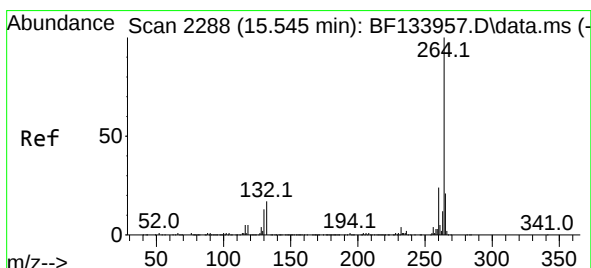
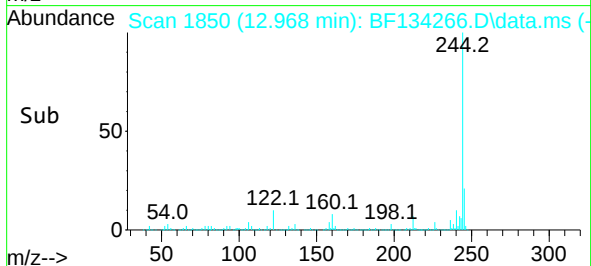
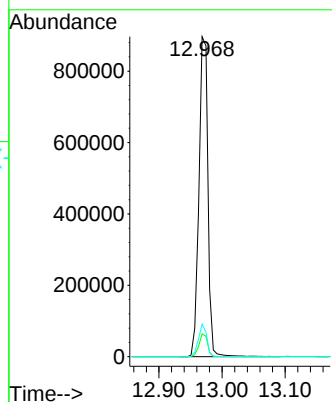
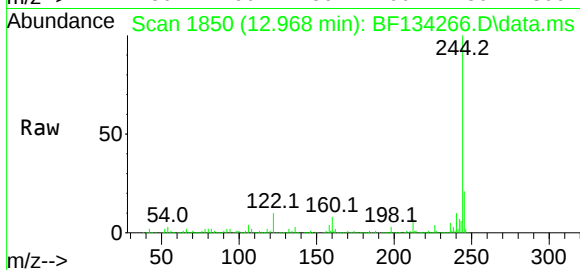
Tgt Ion:244 Resp: 882025

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.2 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF134266.D

Acq: 13 Jul 2023 17:29

Tgt Ion:264 Resp: 206389

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.6 16.6 25.0

