

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134265.D
 Acq On : 13 Jul 2023 16:54
 Operator : CG\JU
 Sample : 03569-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 19:10:36 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)

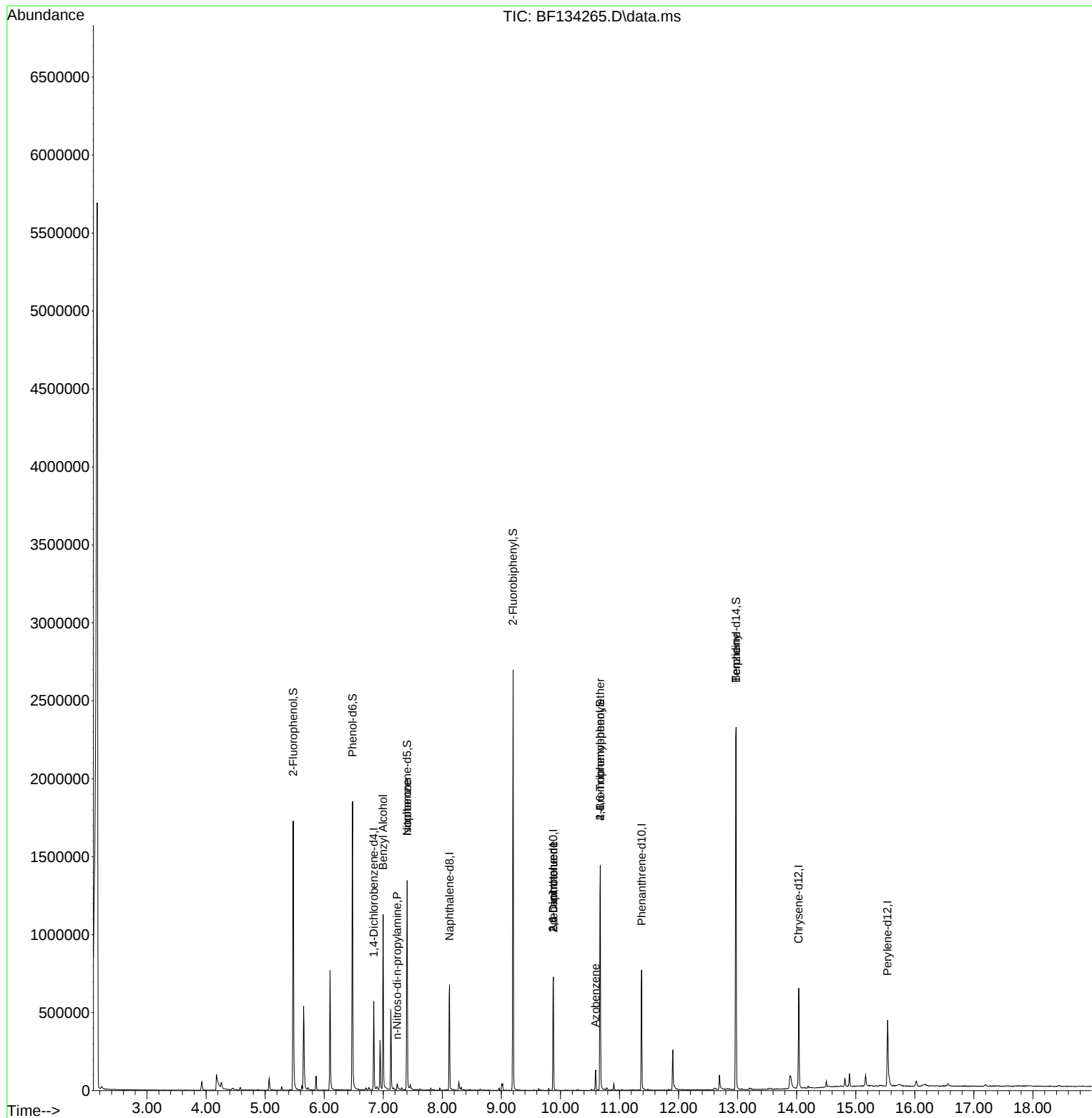
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	75815	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	294121	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	146466	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	288653	20.000	ng	0.00
76) Chrysene-d12	14.033	240	213910	20.000	ng	0.00
86) Perylene-d12	15.539	264	200212	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	443712	97.900	ng	0.00
7) Phenol-d6	6.481	99	542293	97.292	ng	0.00
23) Nitrobenzene-d5	7.404	82	375901	68.894	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	172385	93.872	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	725049	71.972	ng	0.00
79) Terphenyl-d14	12.974	244	858901	64.622	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.422	77	65	Below Cal	#	1
15) Benzyl Alcohol	6.998	79	11215	2.610 ng	#	46
19) n-Nitroso-di-n-propyla...	7.233	70	10018	2.834 ng	#	56
25) Isophorone	7.404	82	375901	37.907 ng	#	64
51) 2,6-Dinitrotoluene	9.880	165	18466	8.064 ng	#	24
57) 2,4-Dinitrotoluene	9.880	165	18466	6.106 ng	#	22
63) Azobenzene	10.592	77	23667	2.259 ng	#	1
67) 4-Bromophenyl-phenylether	10.674	248	10440	3.403 ng	#	1
77) Benzidine	12.974	184	12548	2.465 ng	#	93

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

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Misc :
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Instrument :
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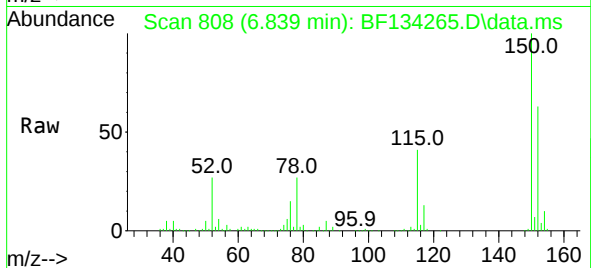
Quant Time: Jul 13 19:10:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration



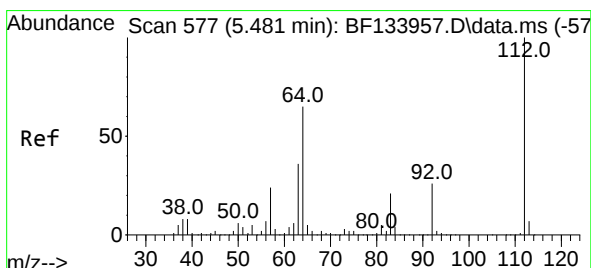
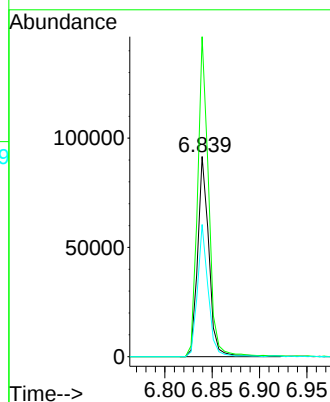
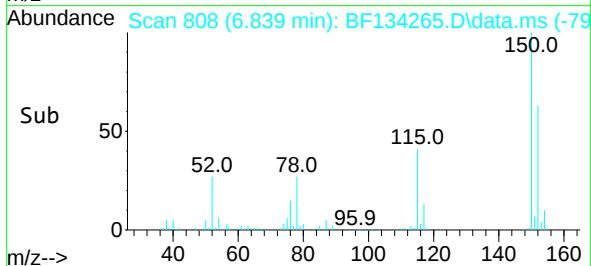


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

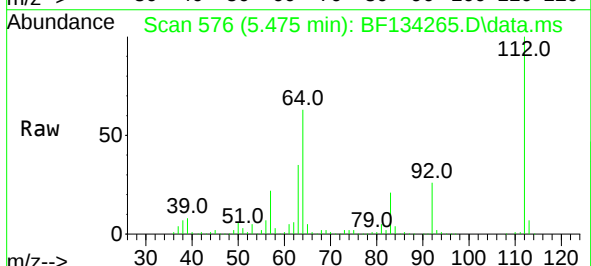
Instrument :
BNA_F
ClientSampleId :



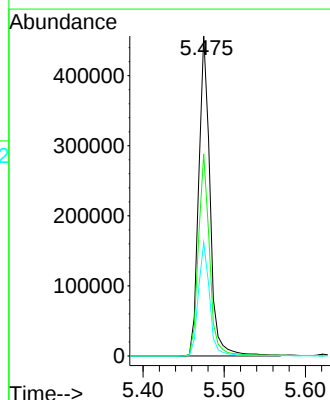
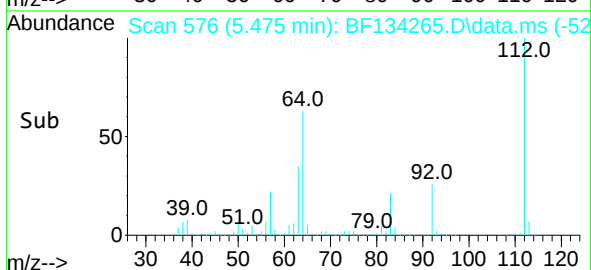
Tgt Ion:152 Resp: 75815
Ion Ratio Lower Upper
152 100
150 159.9 124.5 186.7
115 66.0 50.2 75.2



#5
2-Fluorophenol
Concen: 97.900 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54



Tgt Ion:112 Resp: 443712
Ion Ratio Lower Upper
112 100
64 63.2 52.1 78.1
63 35.5 28.6 42.8





#7

Phenol-d6

Concen: 97.292 ng

RT: 6.481 min Scan# 749

Delta R.T. -0.006 min

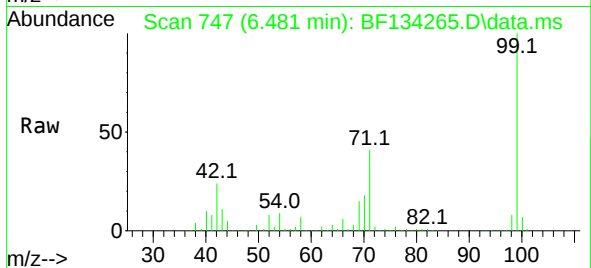
Lab File: BF134265.D

Acq: 13 Jul 2023 16:54

Instrument :

BNA_F

ClientSampleId :



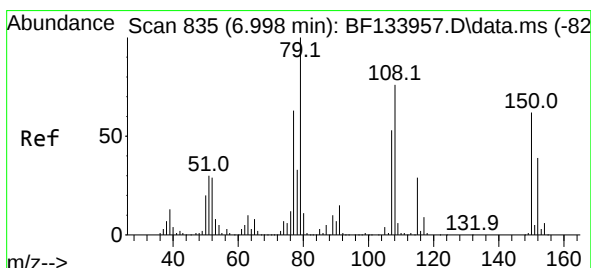
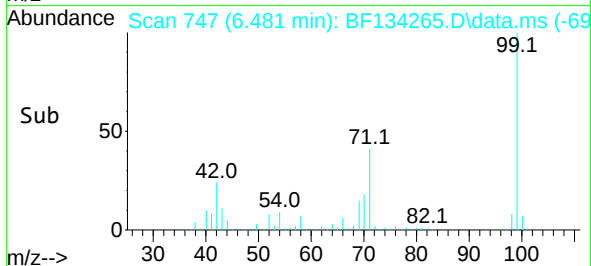
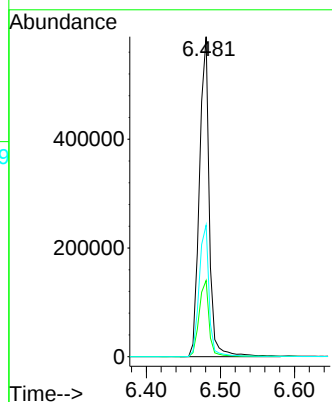
Tgt Ion: 99 Resp: 542293

Ion Ratio Lower Upper

99 100

42 23.8 19.8 29.6

71 41.1 31.9 47.9



#15

Benzyl Alcohol

Concen: 2.610 ng

RT: 6.998 min Scan# 835

Delta R.T. 0.012 min

Lab File: BF134265.D

Acq: 13 Jul 2023 16:54

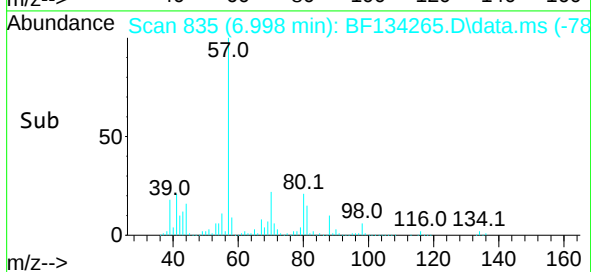
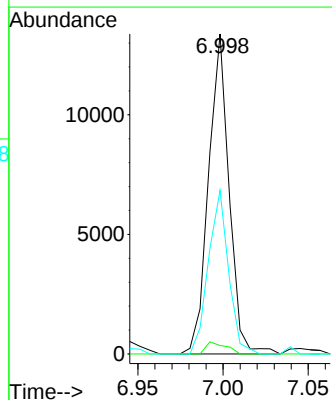
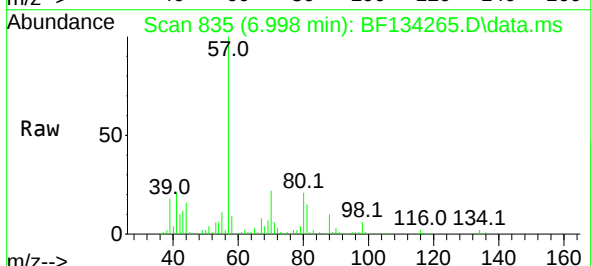
Tgt Ion: 79 Resp: 11215

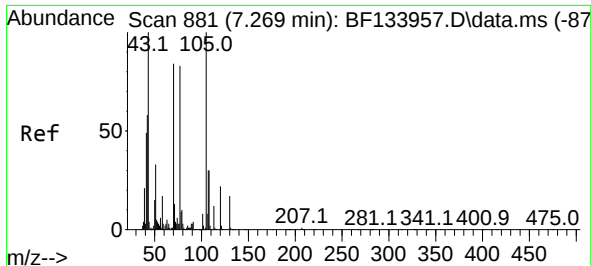
Ion Ratio Lower Upper

79 100

108 2.7 60.7 91.1#

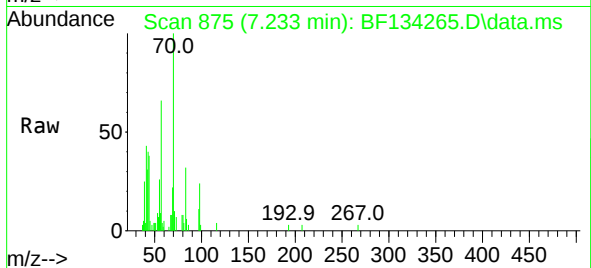
77 51.2 50.6 75.8



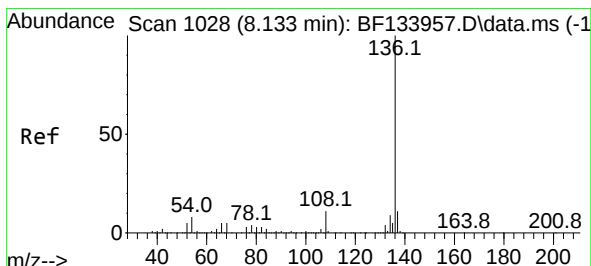
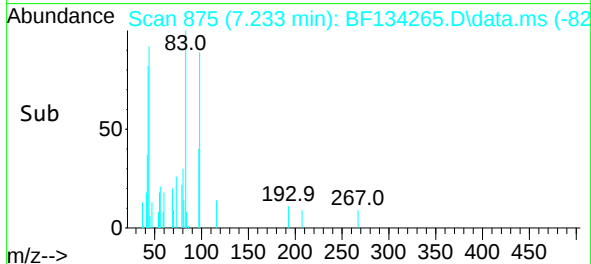
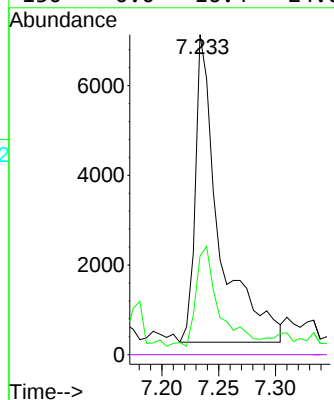


#19
n-Nitroso-di-n-propylamine
Concen: 2.834 ng
RT: 7.233 min Scan# 81
Delta R.T. -0.024 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

Instrument :
BNA_F
ClientSampleId :

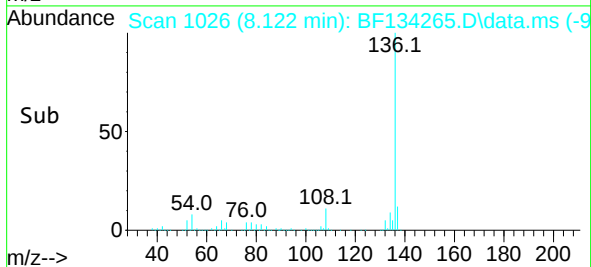
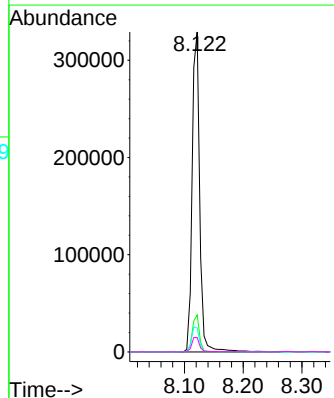
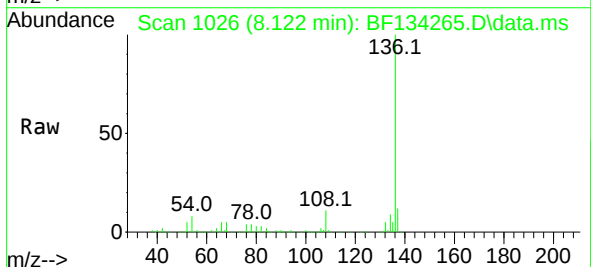


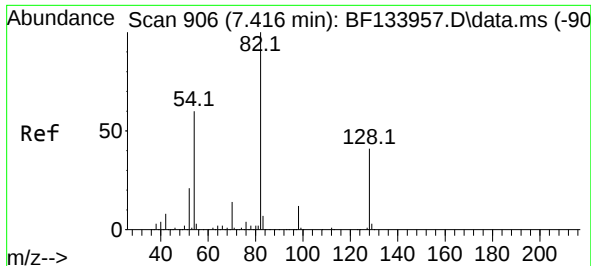
Tgt Ion: 70 Resp: 10018
Ion Ratio Lower Upper
70 100
42 30.8 54.7 82.1#
101 0.0 7.7 11.5#
130 0.0 16.4 24.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

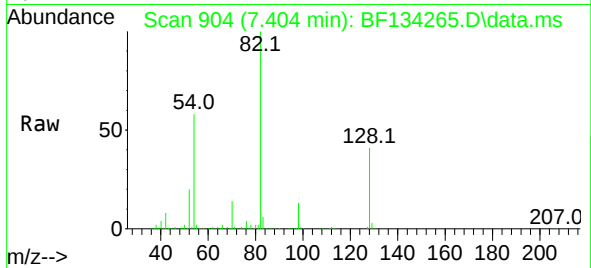
Tgt Ion: 136 Resp: 294121
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 7.6 6.5 9.7
68 4.5 4.2 6.2



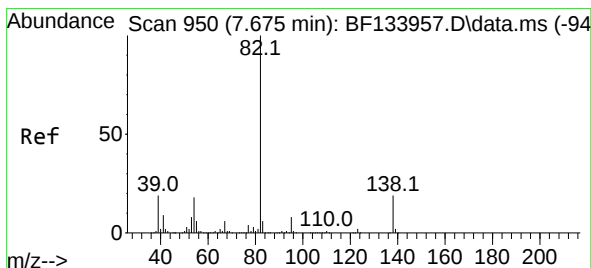
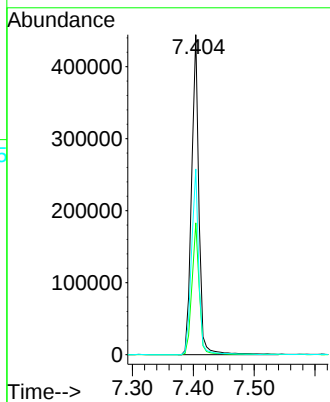
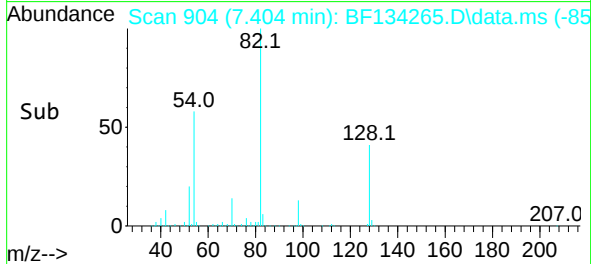


#23
Nitrobenzene-d5
Concen: 68.894 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

Instrument :
BNA_F
ClientSampleId :

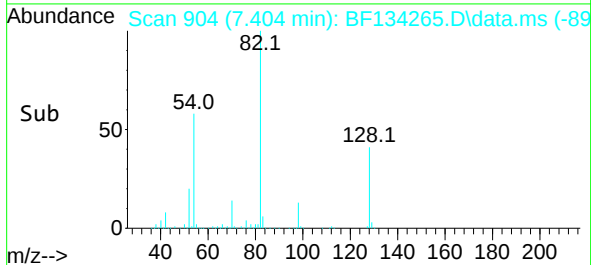
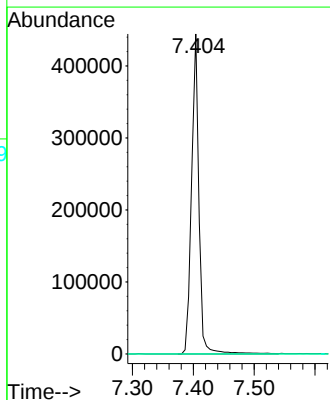
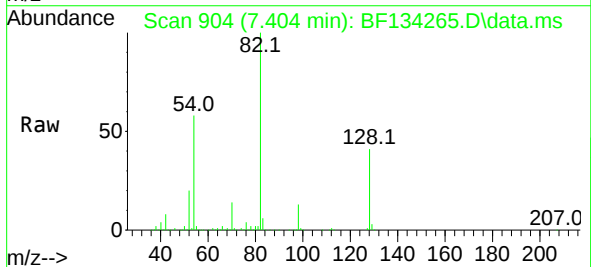


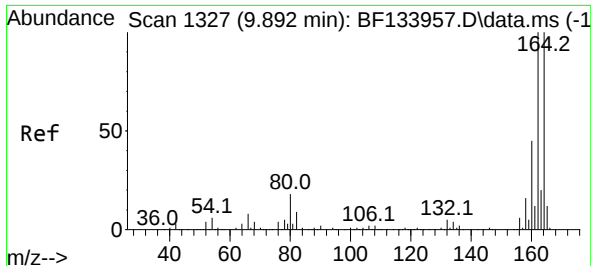
Tgt Ion: 82 Resp: 375901
Ion Ratio Lower Upper
82 100
128 41.2 32.5 48.7
54 58.1 48.2 72.2



#25
Isophorone
Concen: 37.907 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

Tgt Ion: 82 Resp: 375901
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

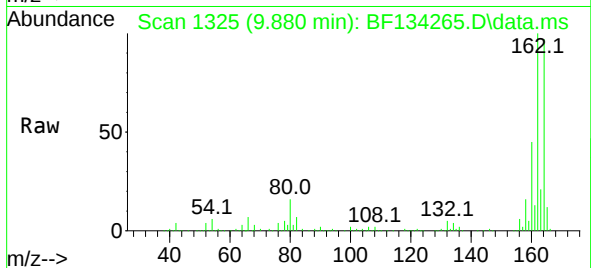
Lab File: BF134265.D

Acq: 13 Jul 2023 16:54

Instrument :

BNA_F

ClientSampleId :



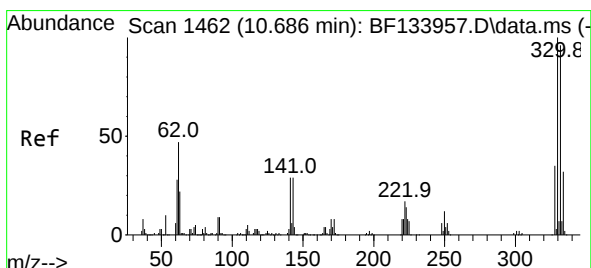
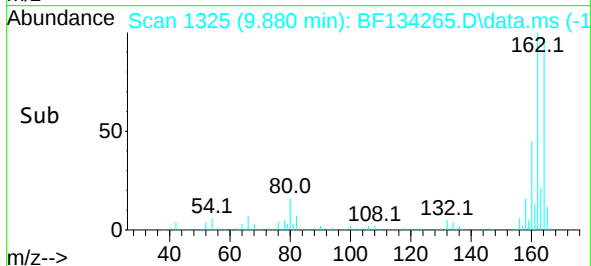
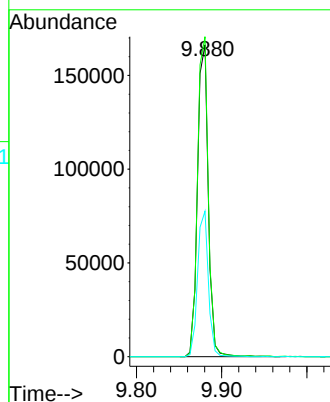
Tgt Ion:164 Resp: 146466

Ion Ratio Lower Upper

164 100

162 102.6 80.0 120.0

160 46.7 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 93.872 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134265.D

Acq: 13 Jul 2023 16:54

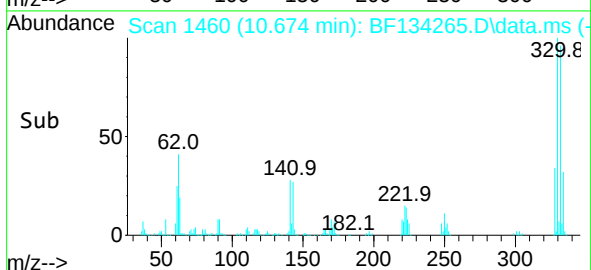
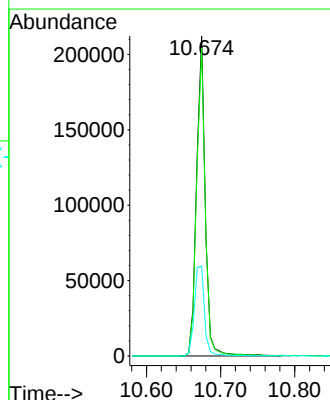
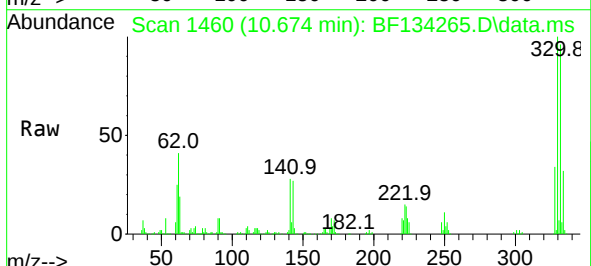
Tgt Ion:330 Resp: 172385

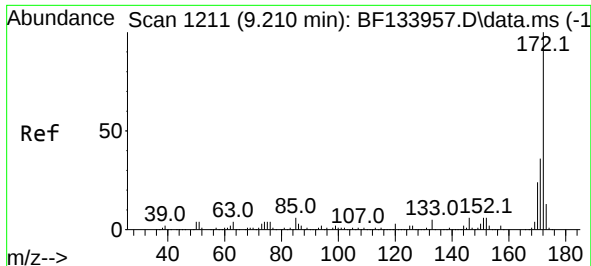
Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

141 32.9 26.3 39.5





#45

2-Fluorobiphenyl

Concen: 71.972 ng

RT: 9.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134265.D

Acq: 13 Jul 2023 16:54

Instrument :

BNA_F

ClientSampleId :

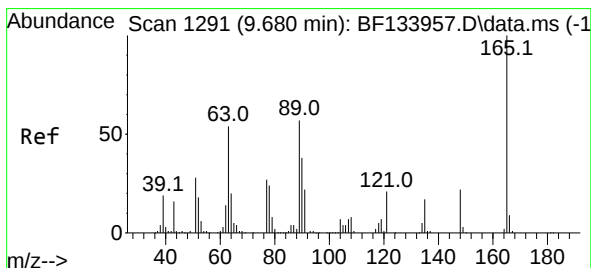
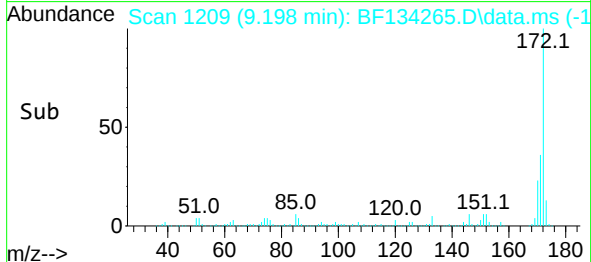
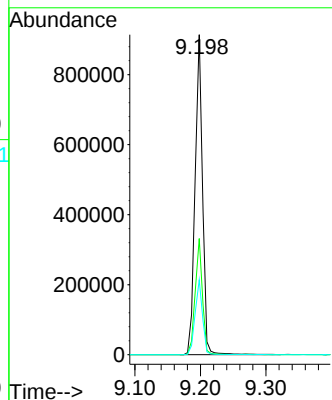
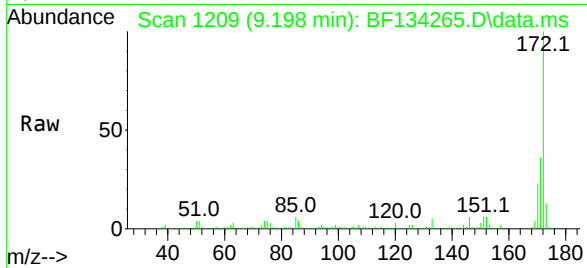
Tgt Ion:172 Resp: 725049

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 23.4 19.4 29.0



#51

2,6-Dinitrotoluene

Concen: 8.064 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.206 min

Lab File: BF134265.D

Acq: 13 Jul 2023 16:54

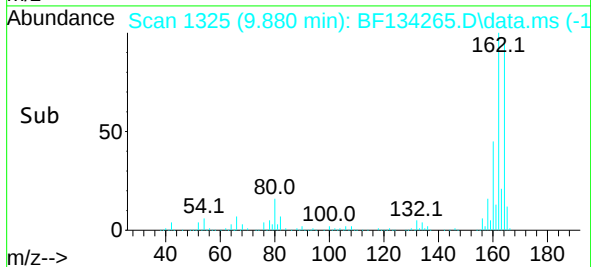
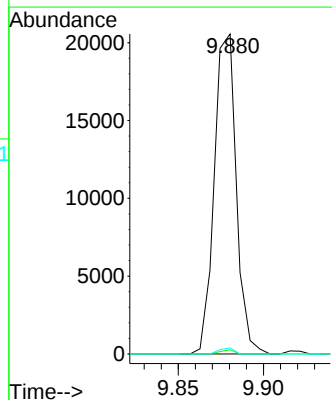
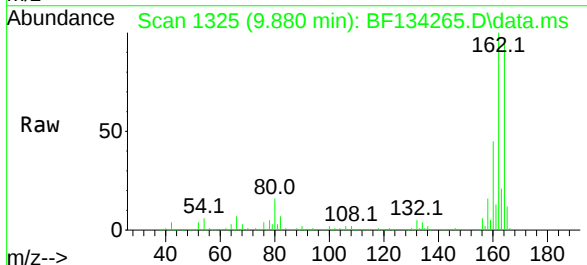
Tgt Ion:165 Resp: 18466

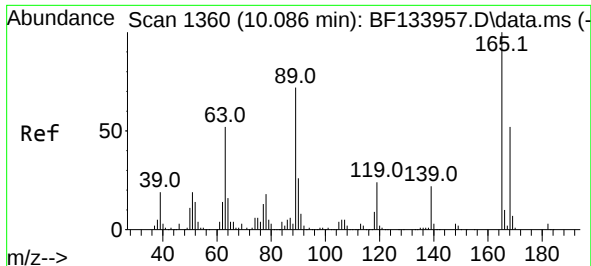
Ion Ratio Lower Upper

165 100

63 1.3 48.5 72.7#

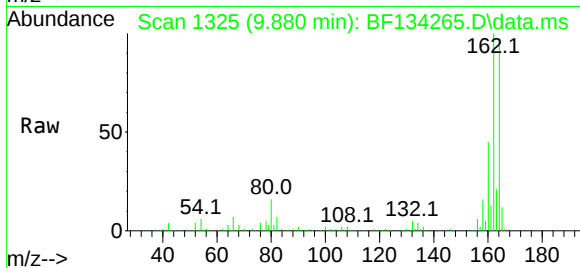
89 1.9 45.5 68.3#



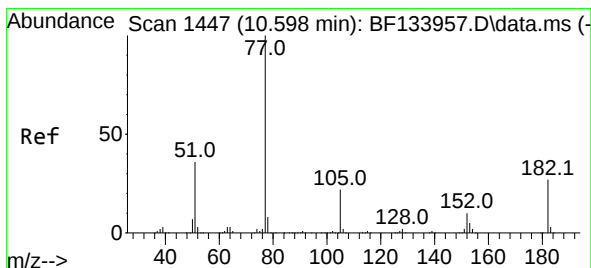
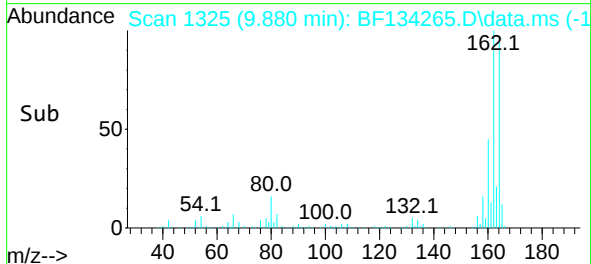
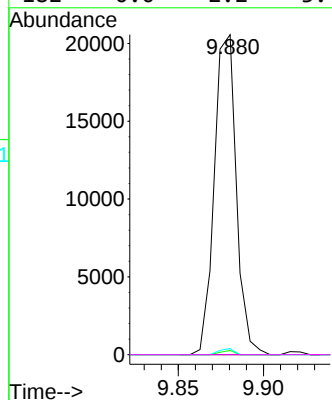


#57
2,4-Dinitrotoluene
Concen: 6.106 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

Instrument :
BNA_F
ClientSampleId :

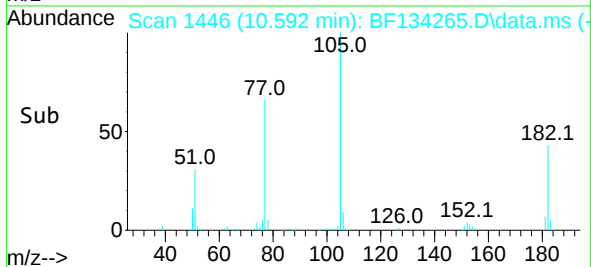
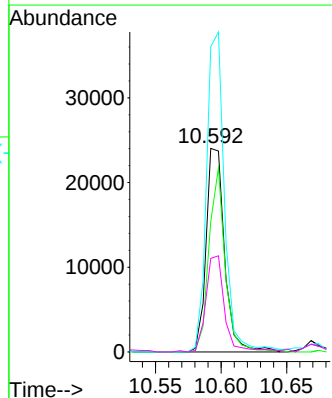
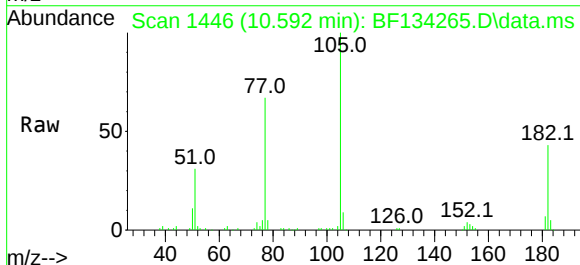


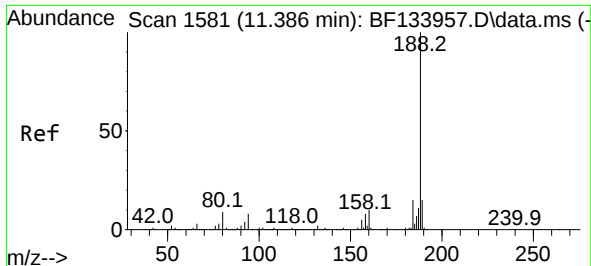
Tgt Ion:165 Resp: 18466
Ion Ratio Lower Upper
165 100
63 1.3 42.2 63.2#
89 1.9 57.4 86.2#
182 0.0 2.2 3.4#



#63
Azobenzene
Concen: 2.259 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

Tgt Ion: 77 Resp: 23667
Ion Ratio Lower Upper
77 100
182 64.1 6.8 46.8#
105 149.9 2.3 42.3#
51 45.9 16.2 56.2

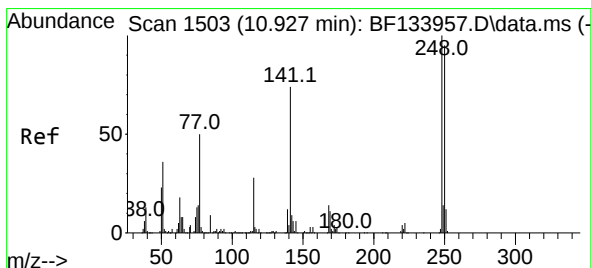
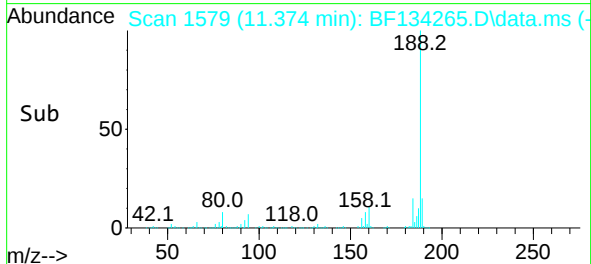
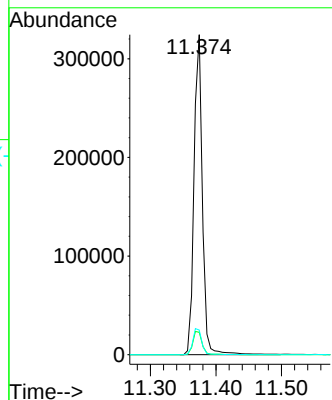
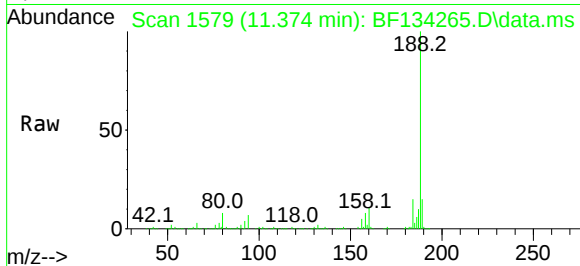




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

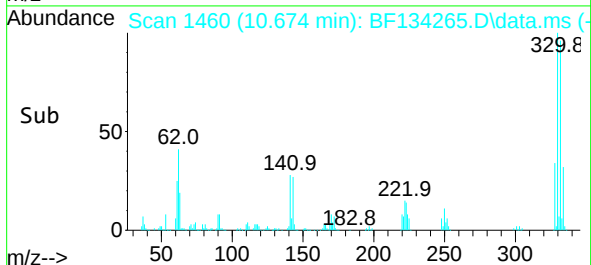
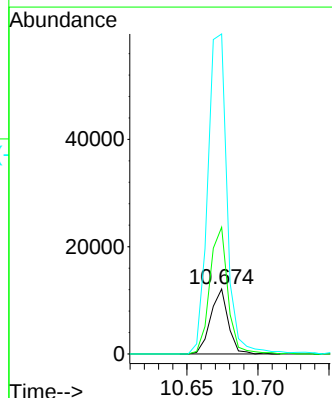
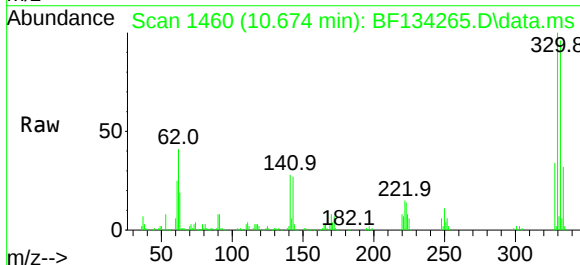
Instrument :
BNA_F
ClientSampleId :

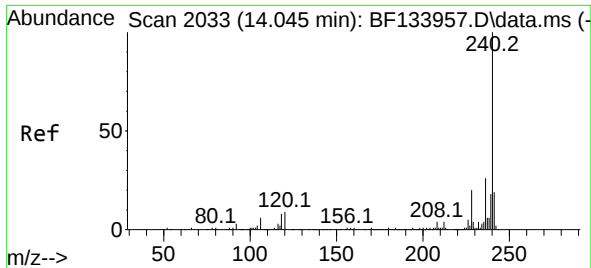
Tgt Ion:188 Resp: 288653
Ion Ratio Lower Upper
188 100
94 7.0 6.4 9.6
80 7.7 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 3.403 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

Tgt Ion:248 Resp: 10440
Ion Ratio Lower Upper
248 100
250 195.1 76.2 114.4#
141 492.9 59.0 88.4#

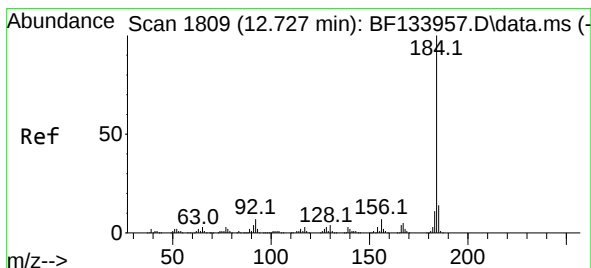
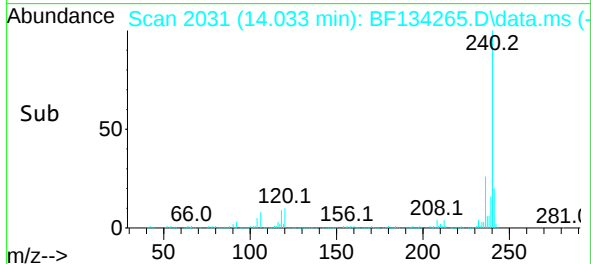
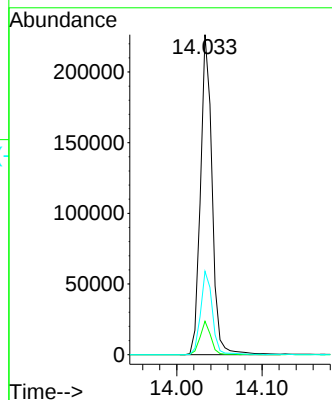
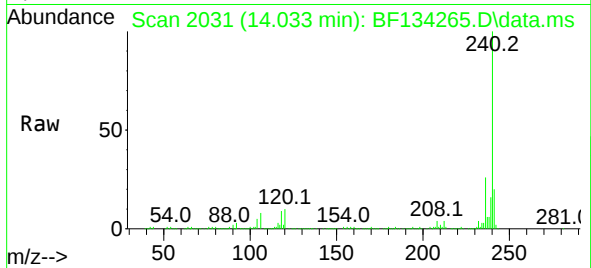




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

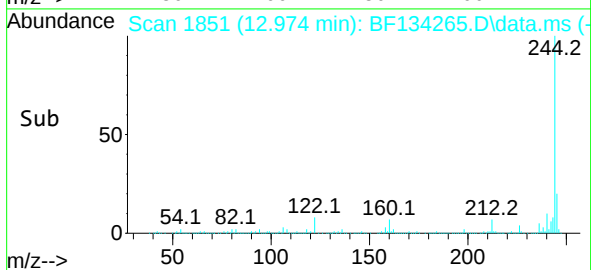
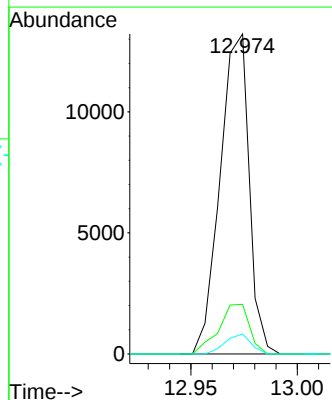
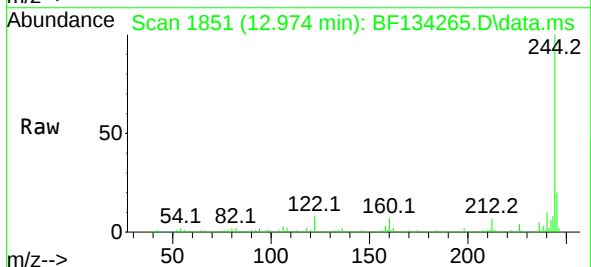
Instrument :
BNA_F
ClientSampleId :

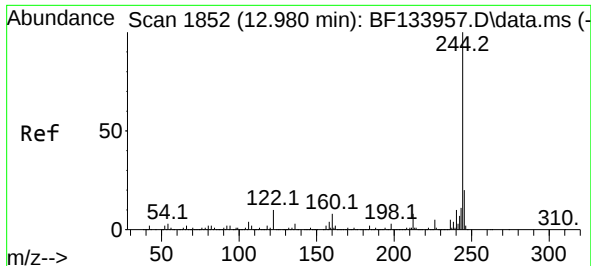
Tgt Ion:240 Resp: 213910
Ion Ratio Lower Upper
240 100
120 10.4 7.4 11.0
236 26.1 21.0 31.6



#77
Benzidine
Concen: 2.465 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

Tgt Ion:184 Resp: 12548
Ion Ratio Lower Upper
184 100
185 15.5 11.6 17.4
183 6.2 8.8 13.2#

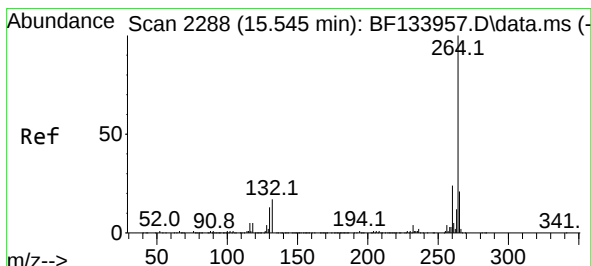
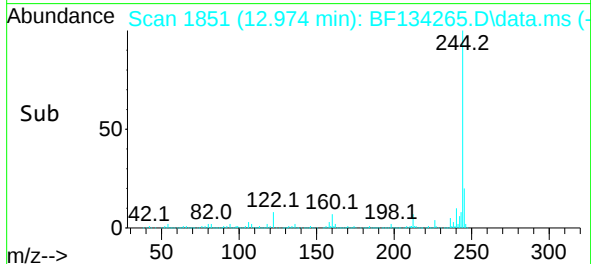
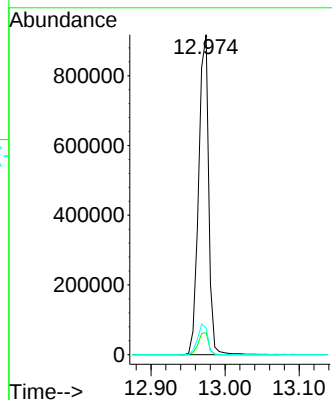
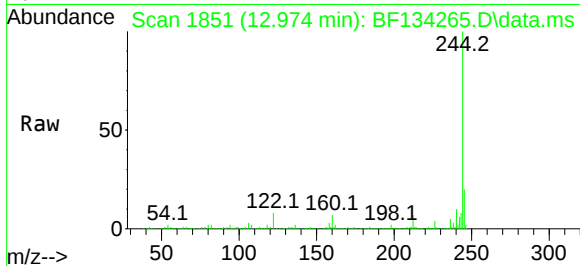




#79
 Terphenyl-d14
 Concen: 64.622 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF134265.D
 Acq: 13 Jul 2023 16:54

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 858901
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.4 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: BF134265.D
 Acq: 13 Jul 2023 16:54

Tgt Ion:264 Resp: 200212
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.6 16.6 25.0

