

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134178.D
 Acq On : 09 Jul 2023 08:49
 Operator : CG\JU
 Sample : 03514-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 10 01:50:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

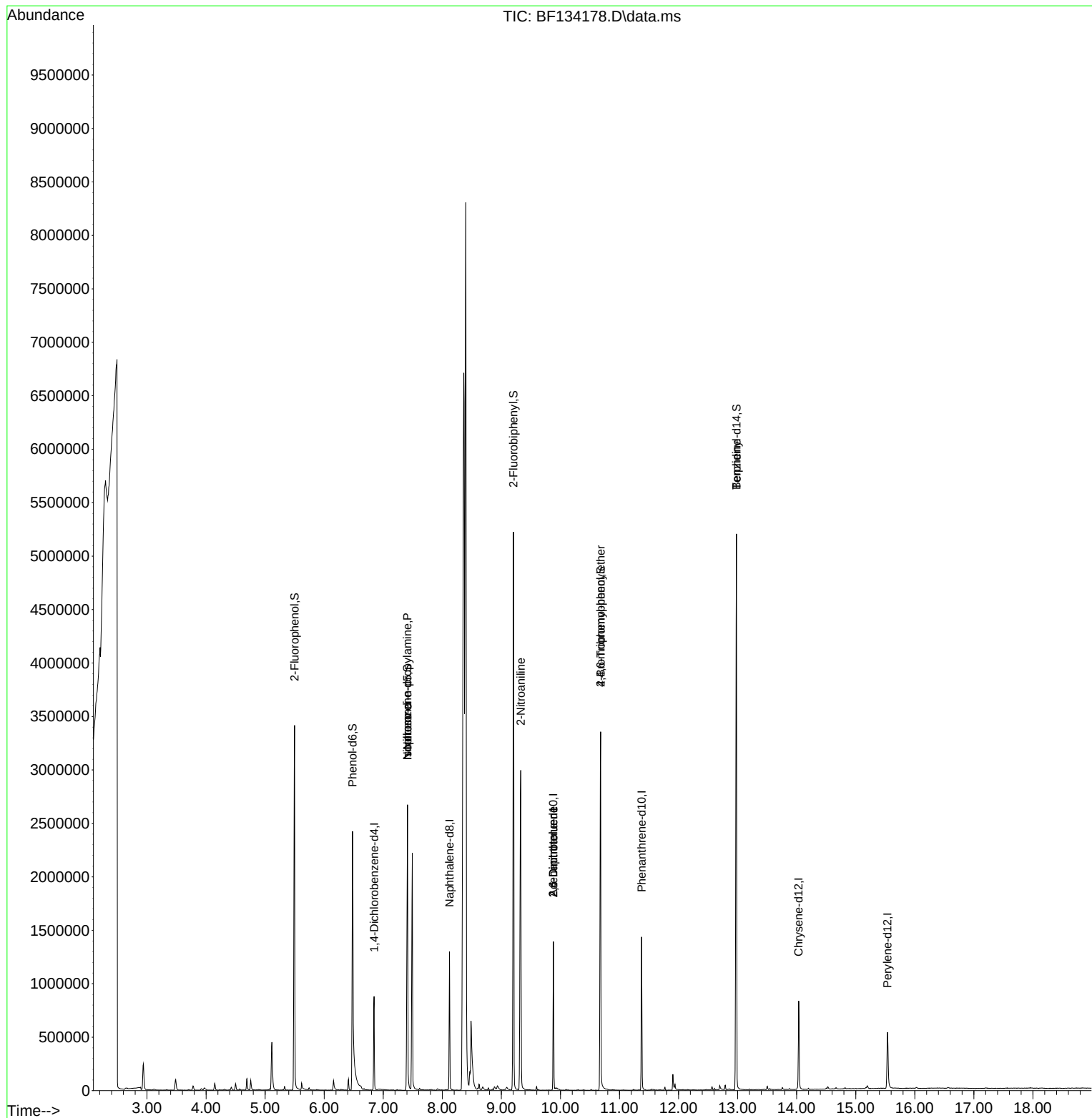
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	129457	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	507461	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	252532	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	508907	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	292471	20.000	ng	-0.02
86) Perylene-d12	15.539	264	292358	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	953532	123.210	ng	0.01
7) Phenol-d6	6.481	99	1162259	122.117	ng	-0.01
23) Nitrobenzene-d5	7.410	82	875824	93.035	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	481971	152.222	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1620817	93.315	ng	0.00
79) Terphenyl-d14	12.980	244	2023706	111.361	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	486	Below Cal	#	67
19) n-Nitroso-di-n-propyla...	7.410	70	127696	21.157	ng	# 78
25) Isophorone	7.410	82	875815	51.190	ng	# 64
48) 2-Nitroaniline	9.328	65	38830	7.189	ng	# 16
51) 2,6-Dinitrotoluene	9.880	165	31802	8.055	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	31802	6.099	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	28703	5.306	ng	# 1
77) Benzidine	12.980	184	27466	3.947	ng	# 95

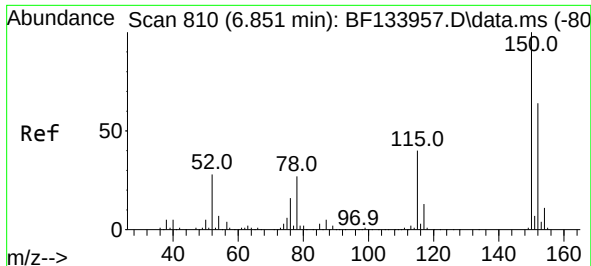
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
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BNA_F
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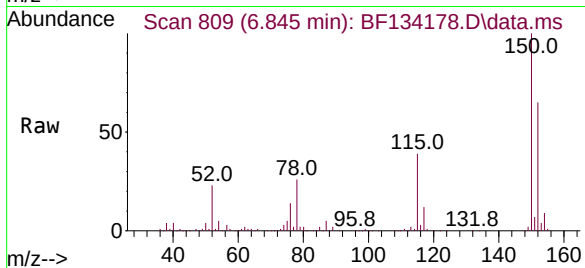
Quant Time: Jul 10 01:50:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



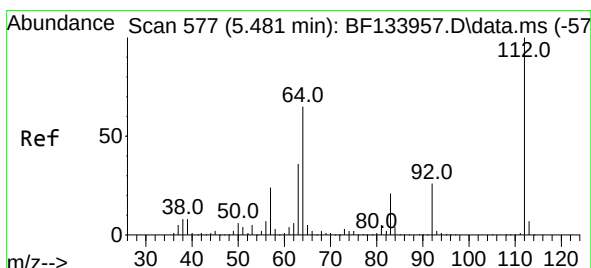
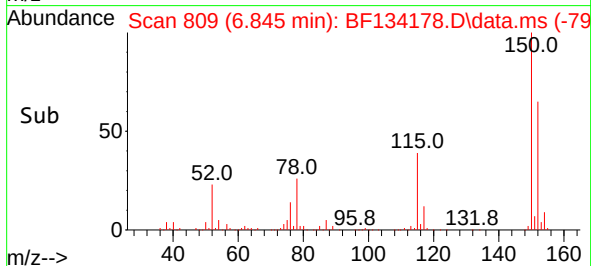
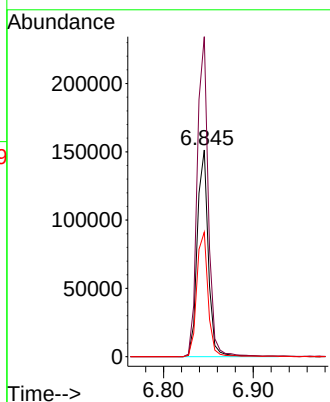


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134178.D
Acq: 09 Jul 2023 08:49

Instrument :
BNA_F
ClientSampleId :

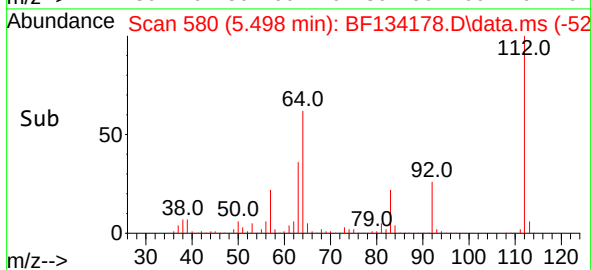
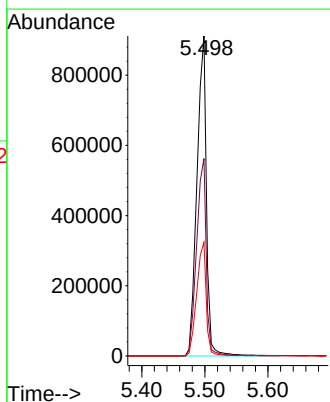
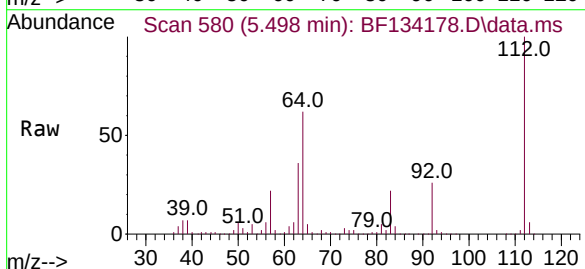


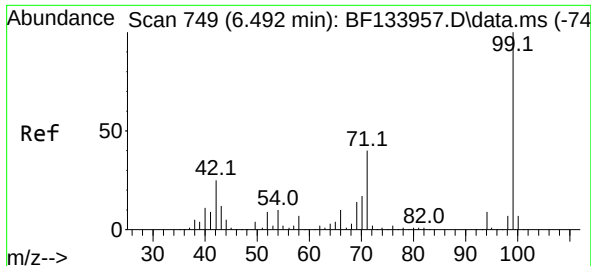
Tgt Ion:152 Resp: 129457
Ion Ratio Lower Upper
152 100
150 154.8 124.5 186.7
115 60.2 50.2 75.2



#5
2-Fluorophenol
Concen: 123.210 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134178.D
Acq: 09 Jul 2023 08:49

Tgt Ion:112 Resp: 953532
Ion Ratio Lower Upper
112 100
64 61.7 52.1 78.1
63 35.5 28.6 42.8

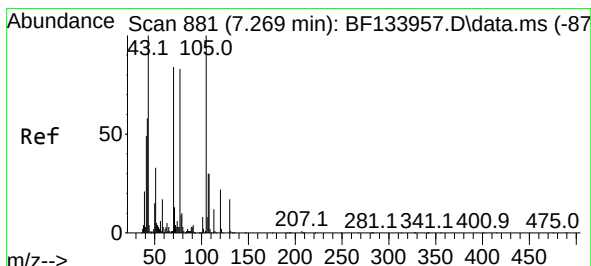
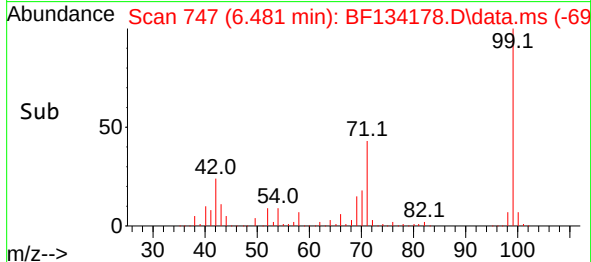
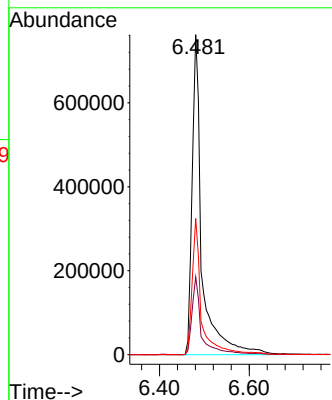
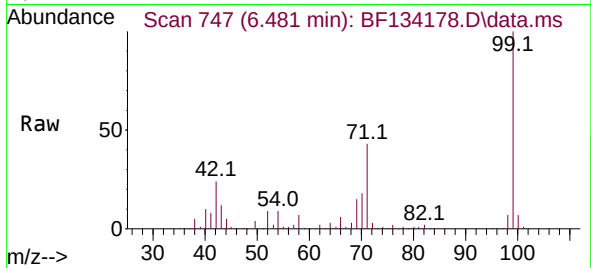




#7
Phenol-d6
Concen: 122.117 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134178.D
Acq: 09 Jul 2023 08:49

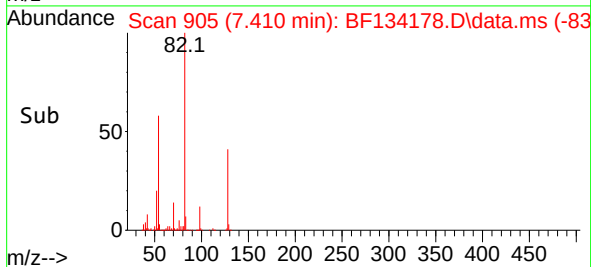
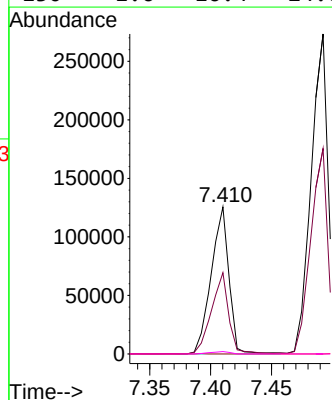
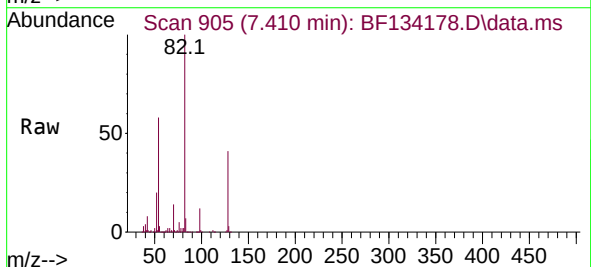
Instrument :
BNA_F
ClientSampleId :

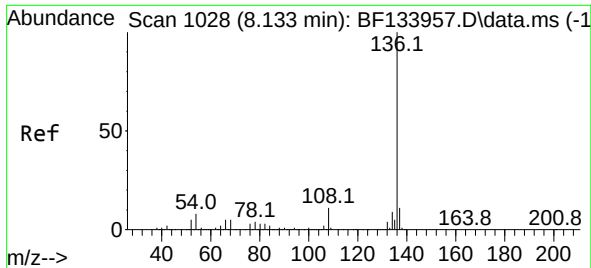
Tgt Ion: 99 Resp: 1162259
Ion Ratio Lower Upper
99 100
42 24.3 19.8 29.6
71 42.6 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.157 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134178.D
Acq: 09 Jul 2023 08:49

Tgt Ion: 70 Resp: 127696
Ion Ratio Lower Upper
70 100
42 55.3 54.7 82.1
101 0.0 7.7 11.5#
130 1.6 16.4 24.6#

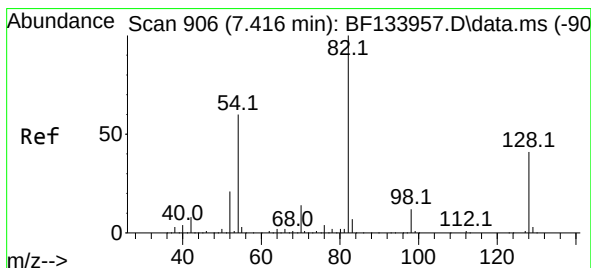
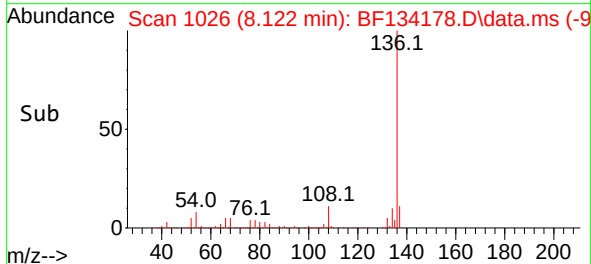
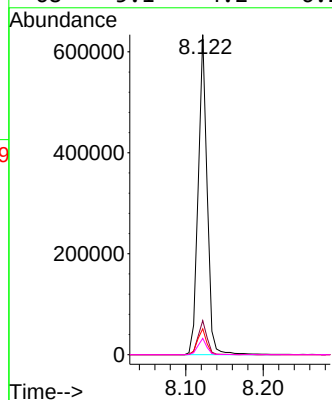
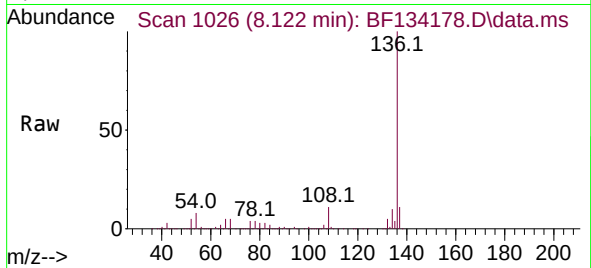




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134178.D
Acq: 09 Jul 2023 08:49

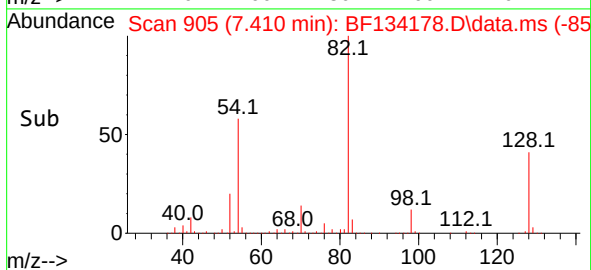
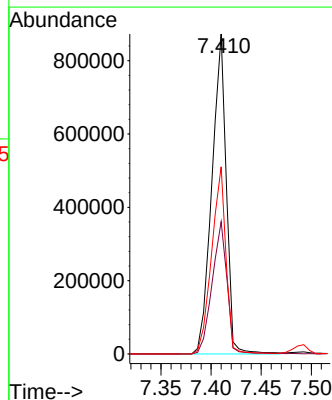
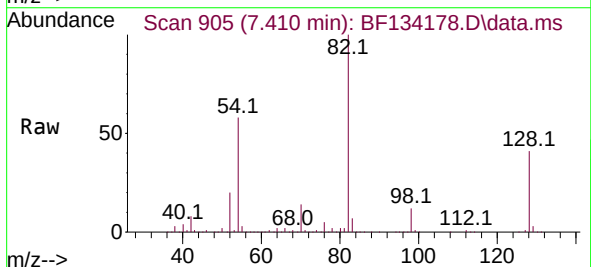
Instrument :
BNA_F
ClientSampleId :

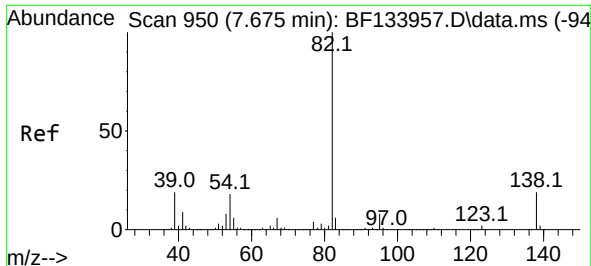
Tgt Ion:136 Resp: 507461
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.1 6.5 9.7
68 5.1 4.2 6.2



#23
Nitrobenzene-d5
Concen: 93.035 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134178.D
Acq: 09 Jul 2023 08:49

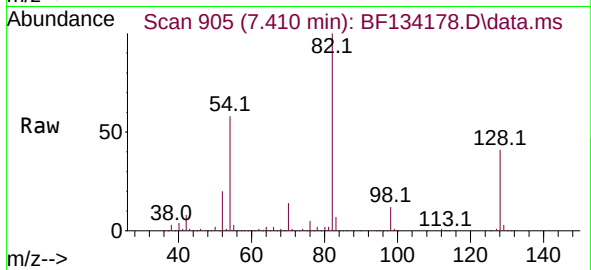
Tgt Ion: 82 Resp: 875824
Ion Ratio Lower Upper
82 100
128 41.4 32.5 48.7
54 58.5 48.2 72.2



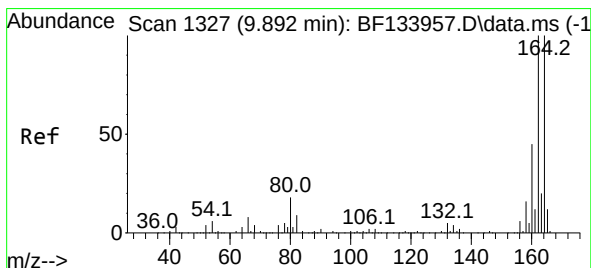
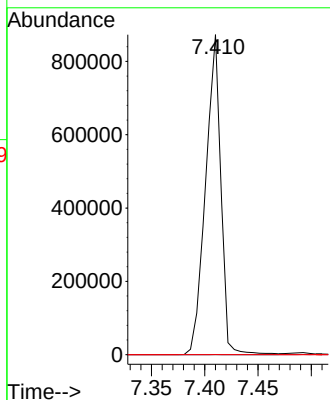
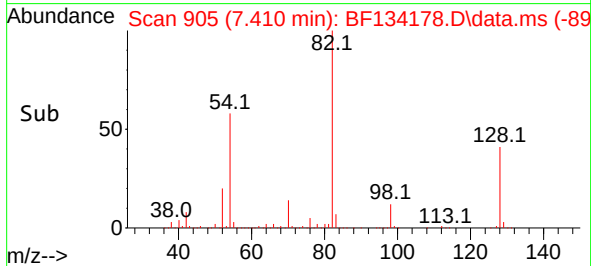


#25
Isophorone
Concen: 51.190 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134178.D
Acq: 09 Jul 2023 08:49

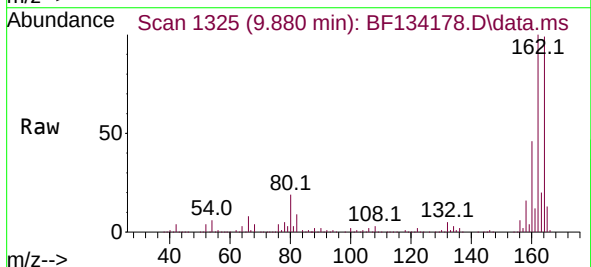
Instrument :
BNA_F
ClientSampleId :



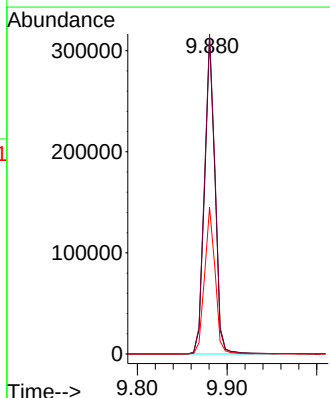
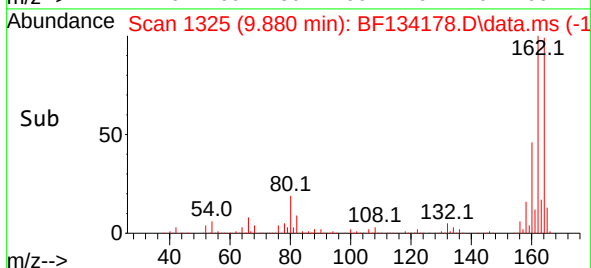
Tgt Ion: 82 Resp: 875815
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#

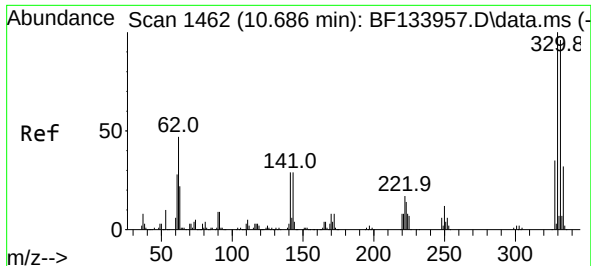


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134178.D
Acq: 09 Jul 2023 08:49



Tgt Ion:164 Resp: 252532
Ion Ratio Lower Upper
164 100
162 100.9 80.0 120.0
160 46.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 152.222 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.006 min

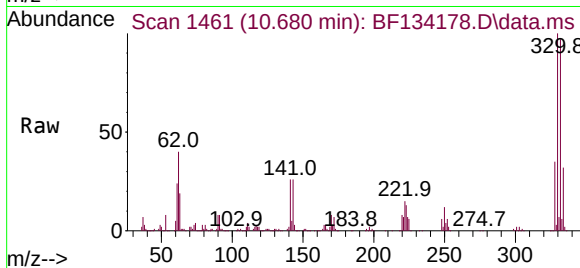
Lab File: BF134178.D

Acq: 09 Jul 2023 08:49

Instrument :

BNA_F

ClientSampleId :



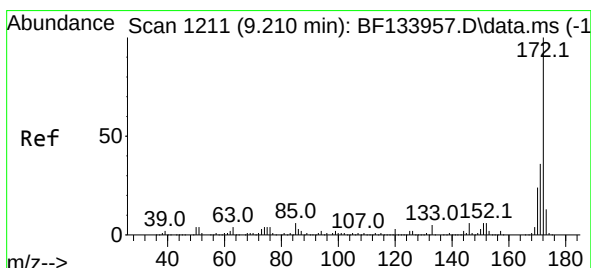
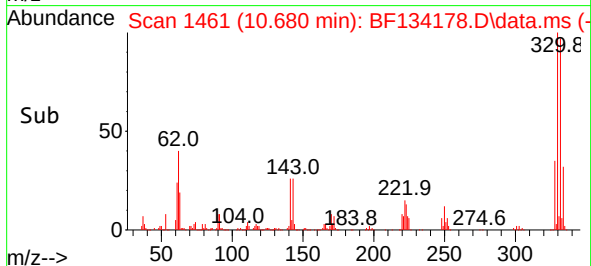
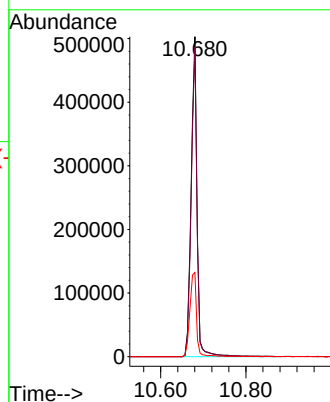
Tgt Ion:330 Resp: 481971

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

141 30.0 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 93.315 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134178.D

Acq: 09 Jul 2023 08:49

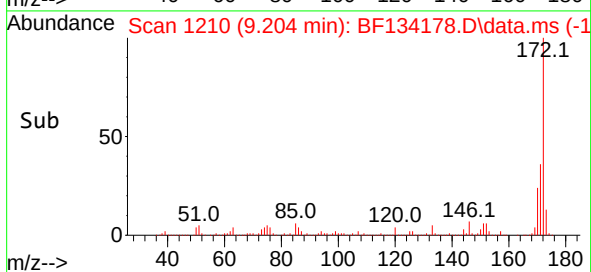
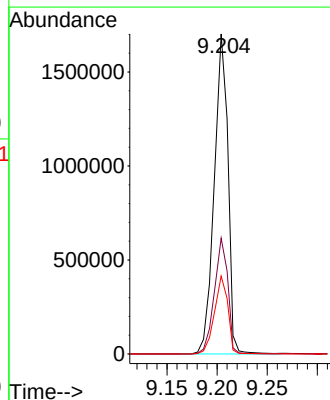
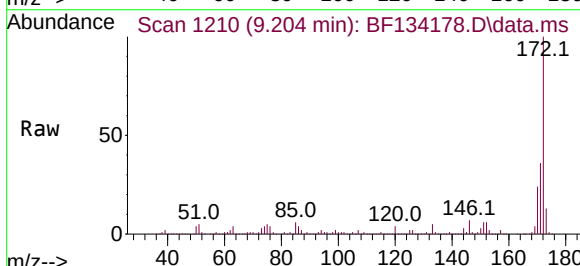
Tgt Ion:172 Resp: 1620817

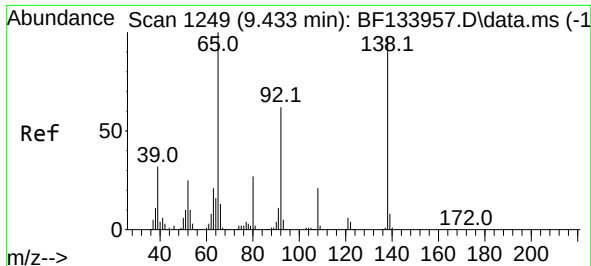
Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

170 24.4 19.4 29.0





#48

2-Nitroaniline

Concen: 7.189 ng

RT: 9.328 min Scan# 11

Delta R.T. -0.112 min

Lab File: BF134178.D

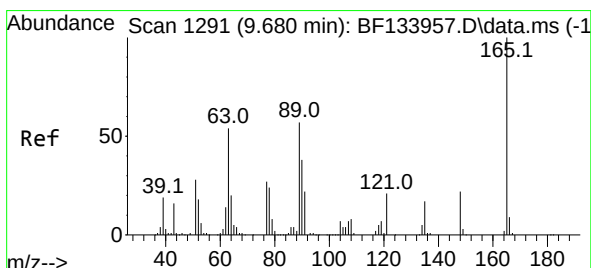
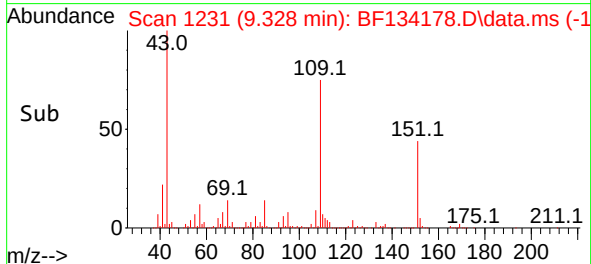
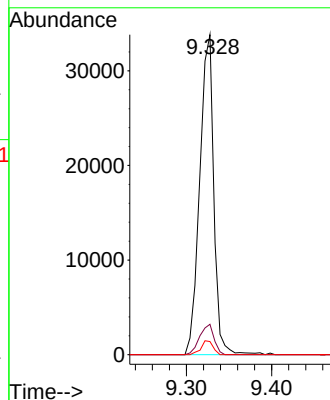
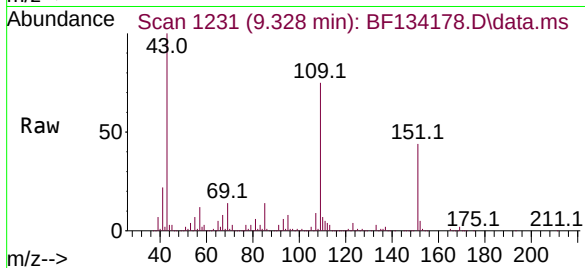
Acq: 09 Jul 2023 08:49

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	65	Resp:	38830
Ion Ratio	Lower	Upper	
65	100		
92	9.5	49.5	74.3#
138	4.1	78.0	117.0#



#51

2,6-Dinitrotoluene

Concen: 8.055 ng

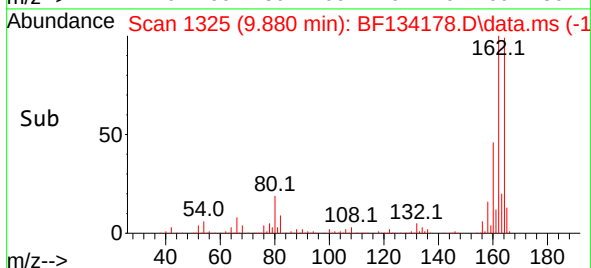
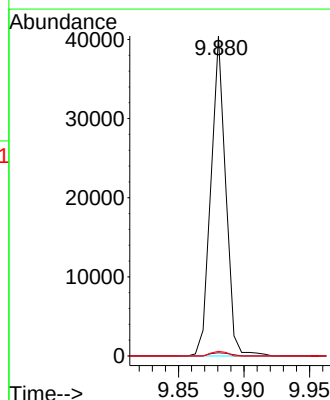
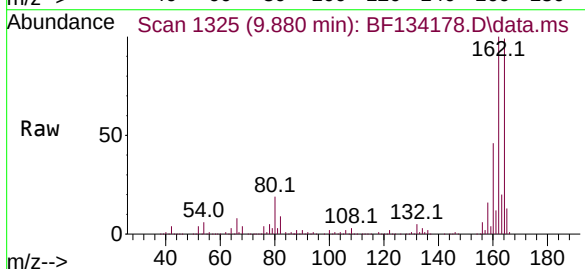
RT: 9.880 min Scan# 1325

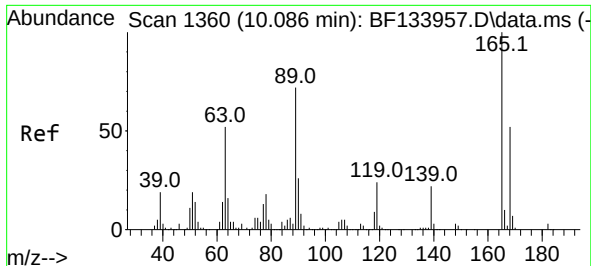
Delta R.T. 0.200 min

Lab File: BF134178.D

Acq: 09 Jul 2023 08:49

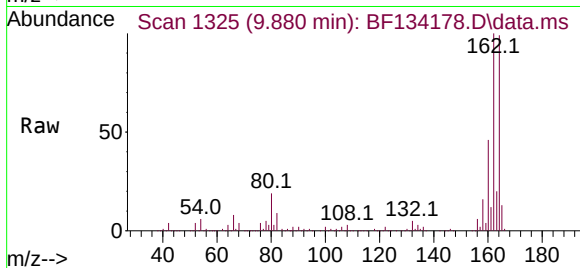
Tgt Ion:	165	Resp:	31802
Ion Ratio	Lower	Upper	
165	100		
63	1.0	48.5	72.7#
89	1.5	45.5	68.3#



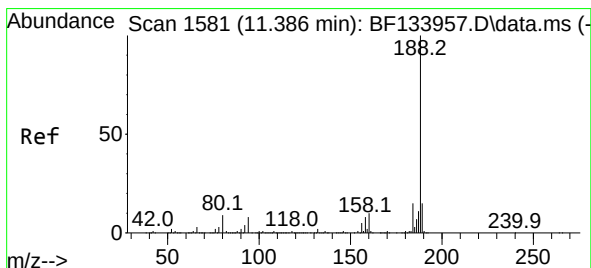
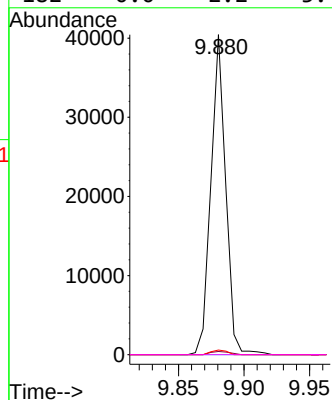
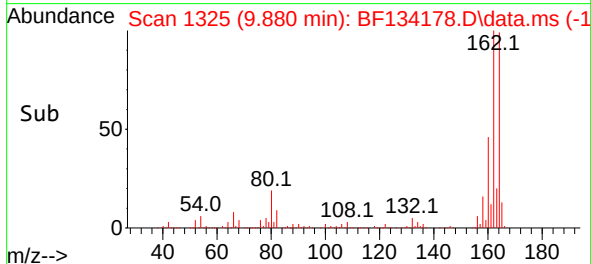


#57
2,4-Dinitrotoluene
Concen: 6.099 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134178.D
Acq: 09 Jul 2023 08:49

Instrument :
BNA_F
ClientSampleId :

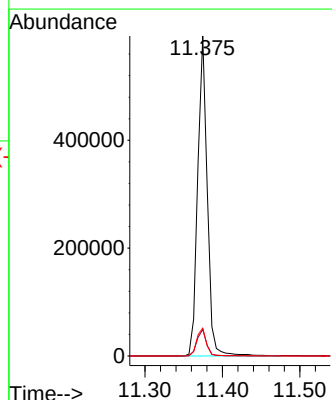
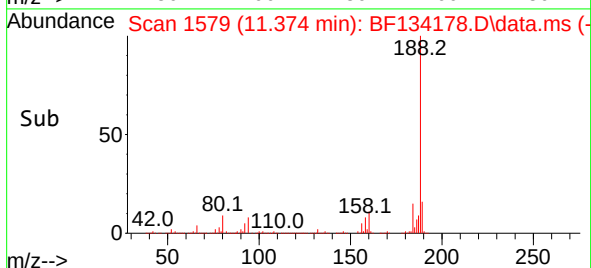
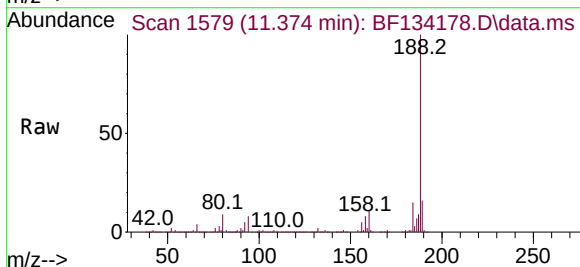


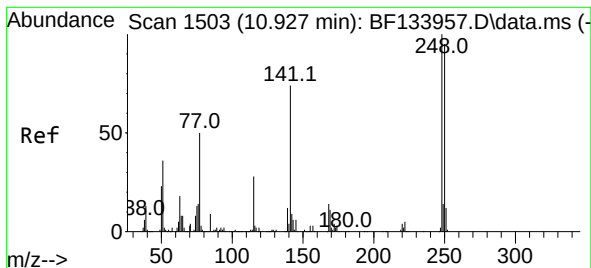
Tgt Ion:165 Resp: 31802
Ion Ratio Lower Upper
165 100
63 1.0 42.2 63.2#
89 1.5 57.4 86.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134178.D
Acq: 09 Jul 2023 08:49

Tgt Ion:188 Resp: 508907
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.7 7.3 10.9

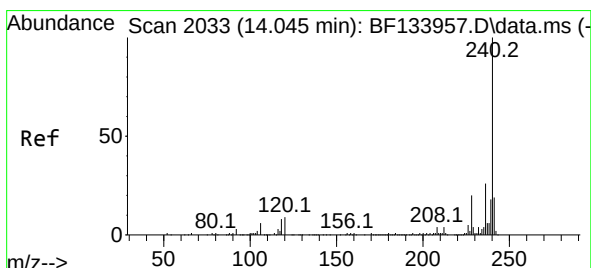
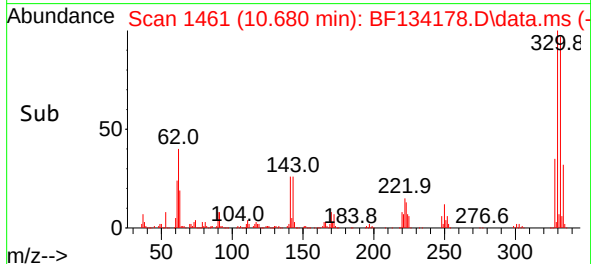
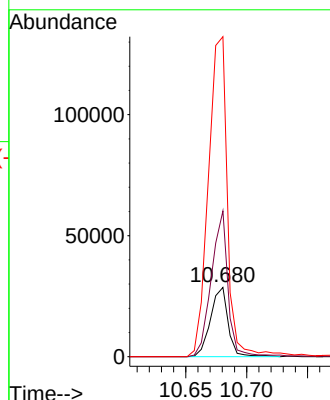
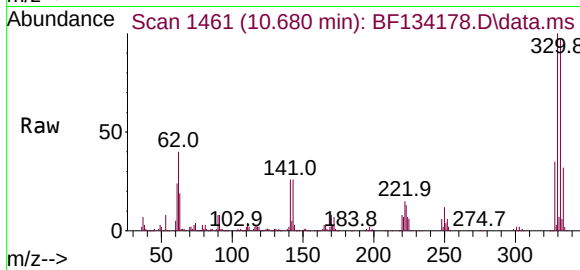




#67
4-Bromophenyl-phenylether
Concen: 5.306 ng
RT: 10.680 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF134178.D
Acq: 09 Jul 2023 08:49

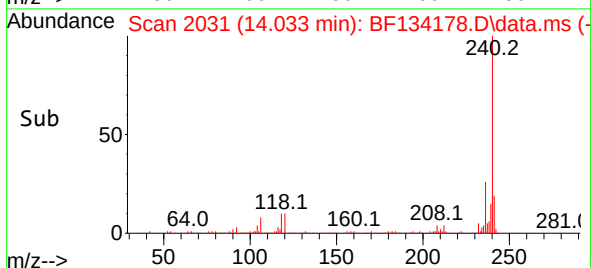
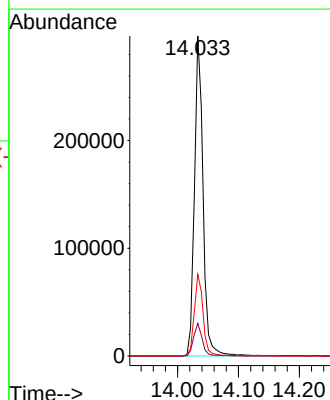
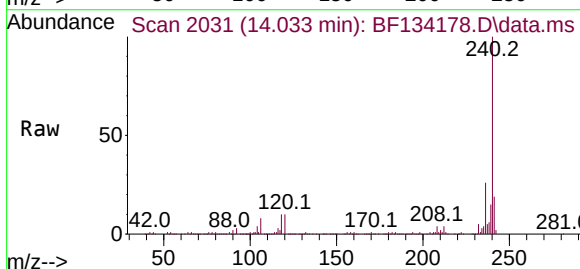
Instrument :
BNA_F
ClientSampleId :

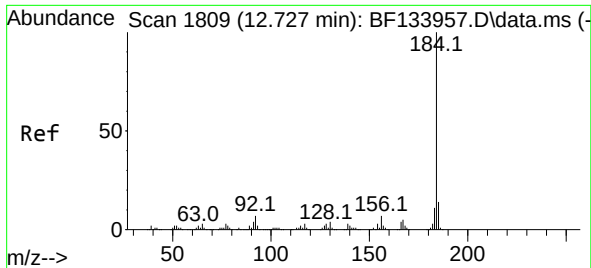
Tgt Ion:248 Resp: 28703
Ion Ratio Lower Upper
248 100
250 210.3 76.2 114.4#
141 461.5 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134178.D
Acq: 09 Jul 2023 08:49

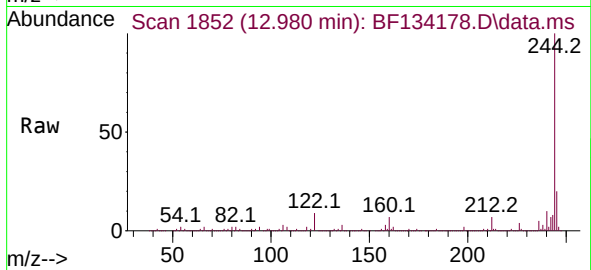
Tgt Ion:240 Resp: 292471
Ion Ratio Lower Upper
240 100
120 10.2 7.4 11.0
236 25.5 21.0 31.6



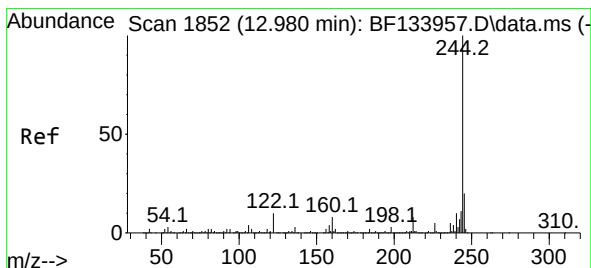
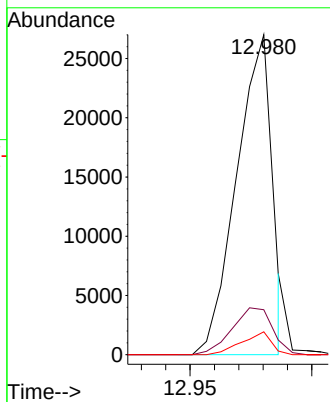
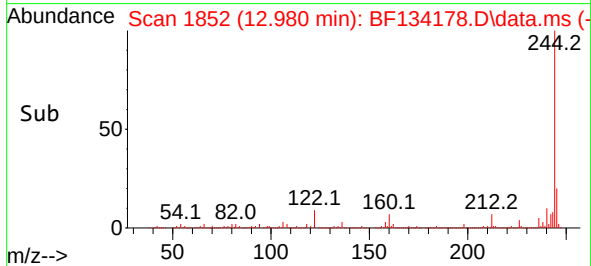


#77
Benzidine
Concen: 3.947 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF134178.D
Acq: 09 Jul 2023 08:49

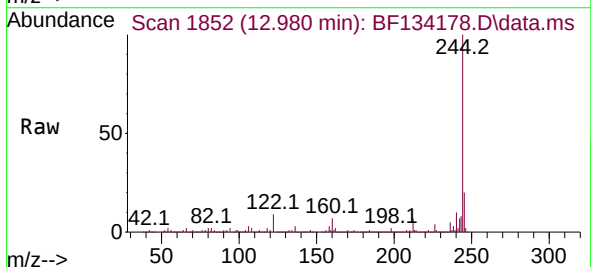
Instrument :
BNA_F
ClientSampleId :



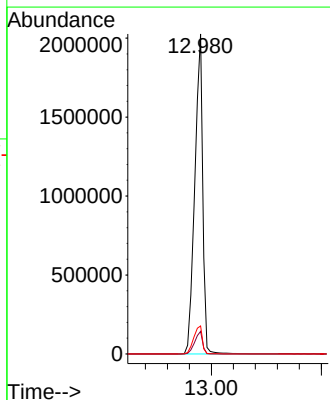
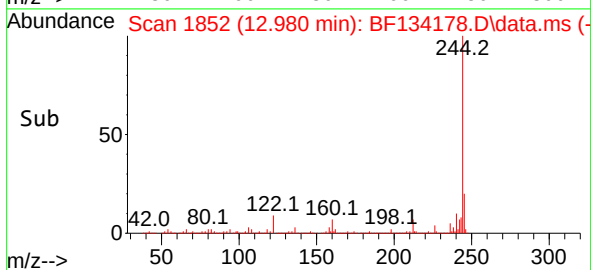
Tgt Ion:184 Resp: 27466
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 7.1 8.8 13.2#

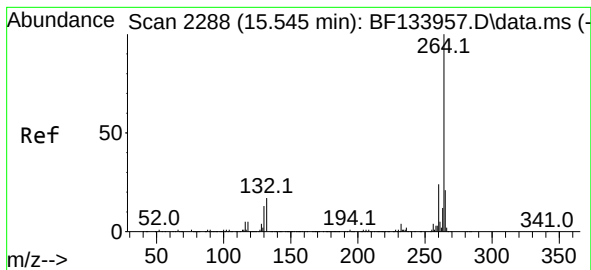


#79
Terphenyl-d14
Concen: 111.361 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF134178.D
Acq: 09 Jul 2023 08:49



Tgt Ion:244 Resp: 2023706
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 8.8 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.012 min

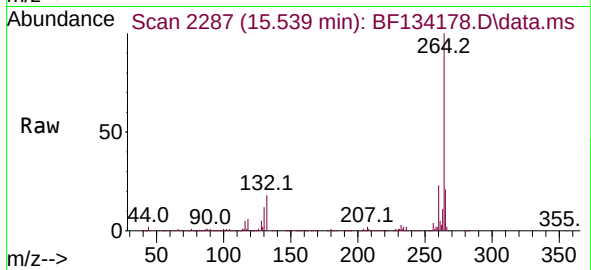
Lab File: BF134178.D

Acq: 09 Jul 2023 08:49

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 292358

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 21.1 16.6 25.0

