

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134179.D
 Acq On : 09 Jul 2023 09:22
 Operator : CG\JU
 Sample : 03514-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 10 01:50:53 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)

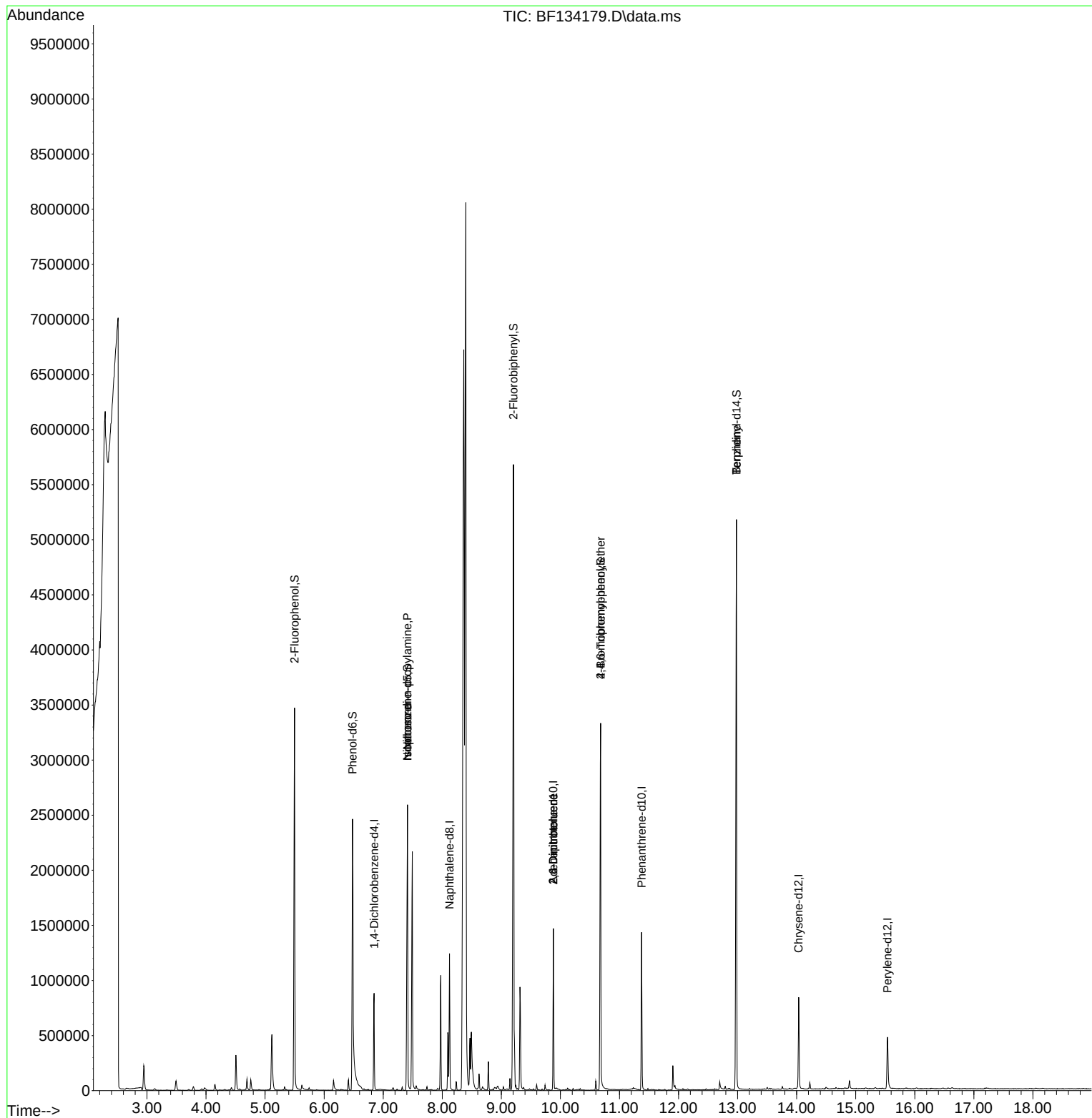
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	127685	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	502888	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	263938	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	511958	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	285171	20.000	ng	-0.02
86) Perylene-d12	15.539	264	248181	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	967015	126.686	ng	0.01
7) Phenol-d6	6.481	99	1162929	123.884	ng	-0.01
23) Nitrobenzene-d5	7.410	82	894510	95.884	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	475918	143.814	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1584313	87.271	ng	0.00
79) Terphenyl-d14	12.980	244	1993681	112.517	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	357	Below Cal	#	55
19) n-Nitroso-di-n-propyla...	7.410	70	126976	21.329	ng	# 77
25) Isophorone	7.410	82	894501	52.758	ng	# 64
51) 2,6-Dinitrotoluene	9.881	165	33445	8.105	ng	# 23
57) 2,4-Dinitrotoluene	9.881	165	33445	6.137	ng	# 22
67) 4-Bromophenyl-phenylether	10.681	248	28132	5.170	ng	# 1
77) Benzydine	12.980	184	28565	4.210	ng	# 95

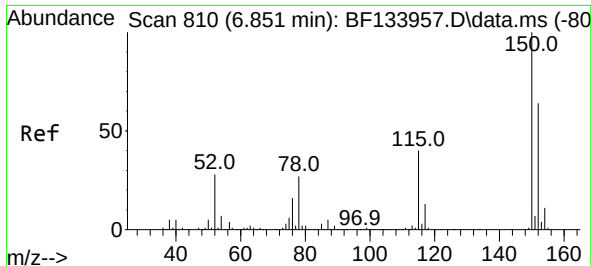
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
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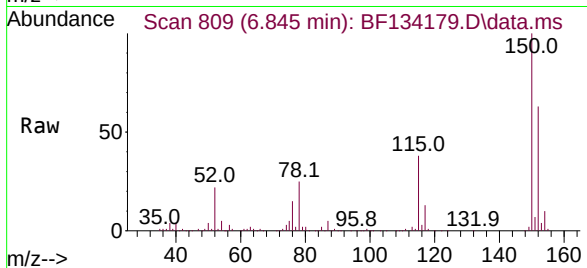
Quant Time: Jul 10 01:50:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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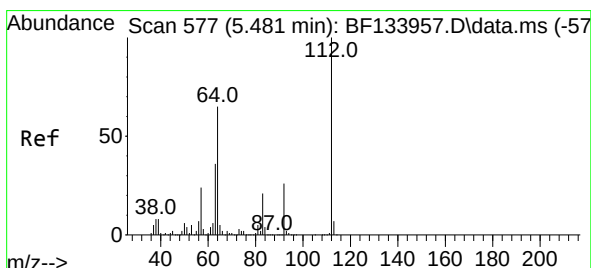
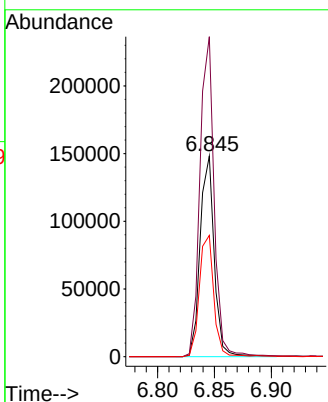
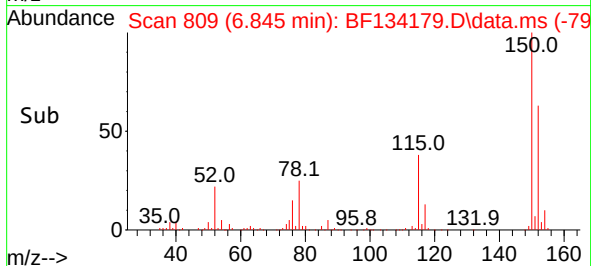


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

Instrument :
BNA_F
ClientSampleId :

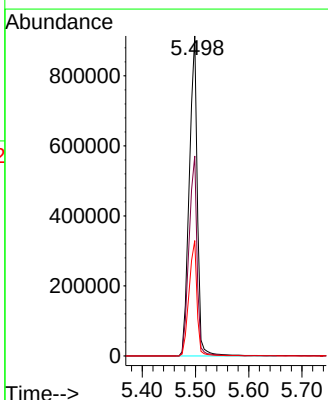
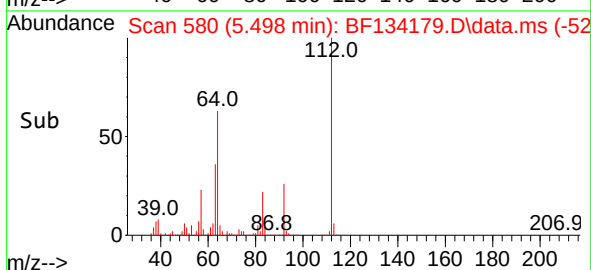
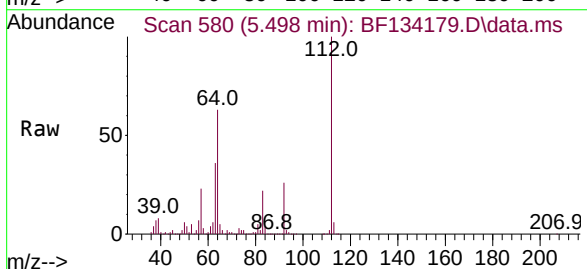


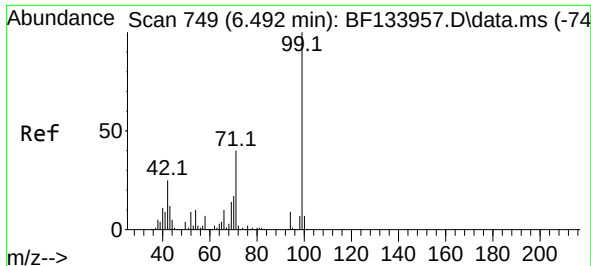
Tgt Ion:152 Resp: 127685
Ion Ratio Lower Upper
152 100
150 159.5 124.5 186.7
115 60.4 50.2 75.2



#5
2-Fluorophenol
Concen: 126.686 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

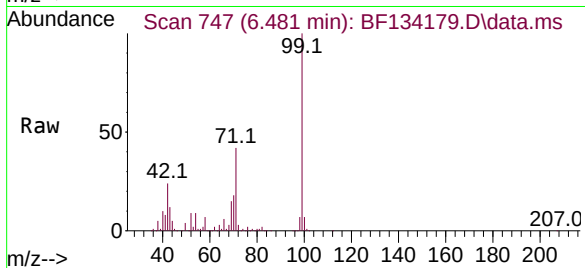
Tgt Ion:112 Resp: 967015
Ion Ratio Lower Upper
112 100
64 62.5 52.1 78.1
63 36.1 28.6 42.8



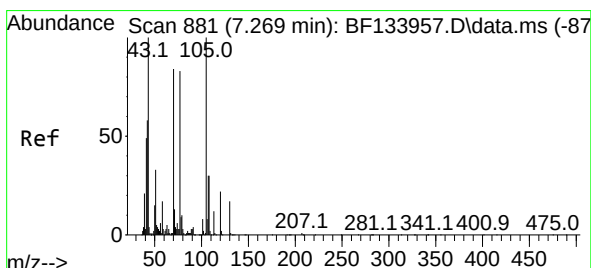
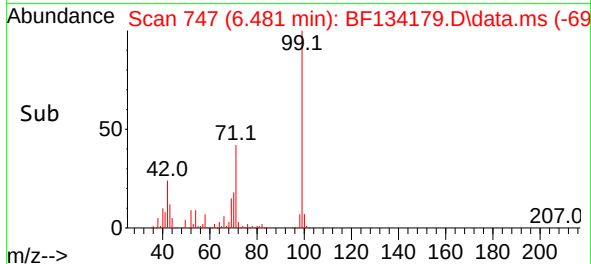
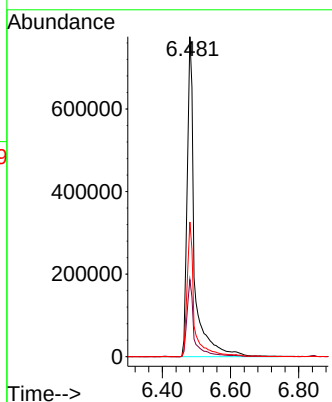


#7
Phenol-d6
Concen: 123.884 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

Instrument :
BNA_F
ClientSampleId :

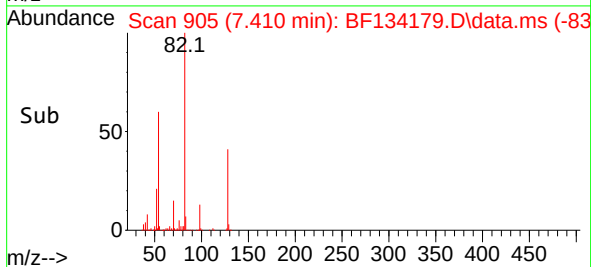
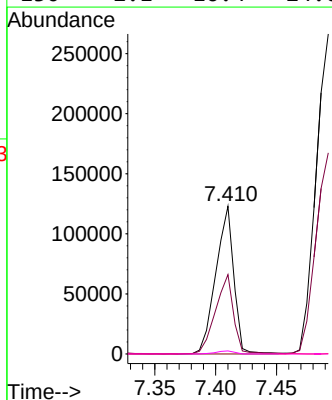
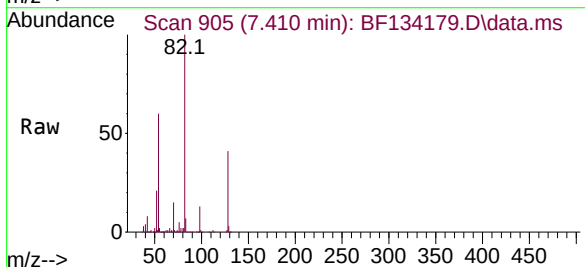


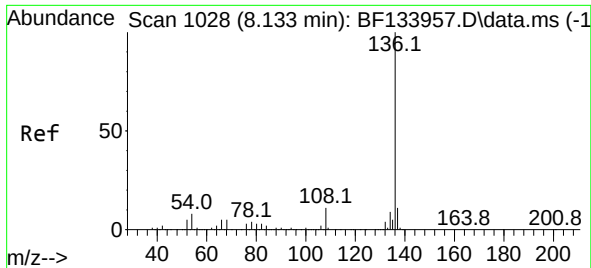
Tgt Ion: 99 Resp: 1162929
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 42.1 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.329 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

Tgt Ion: 70 Resp: 126976
Ion Ratio Lower Upper
70 100
42 53.7 54.7 82.1#
101 0.0 7.7 11.5#
130 2.1 16.4 24.6#



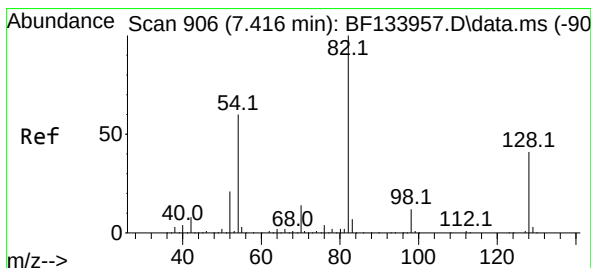
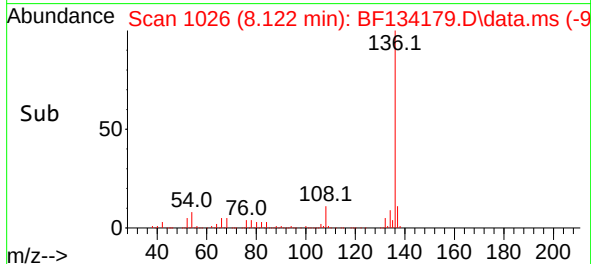
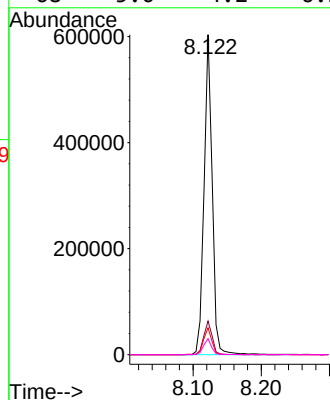
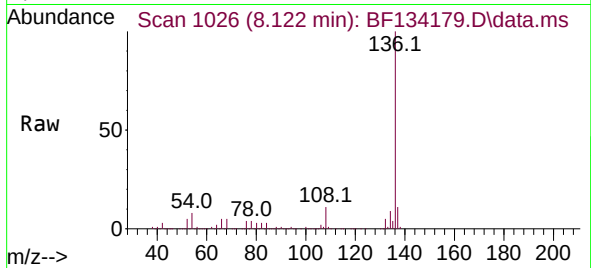


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 502888

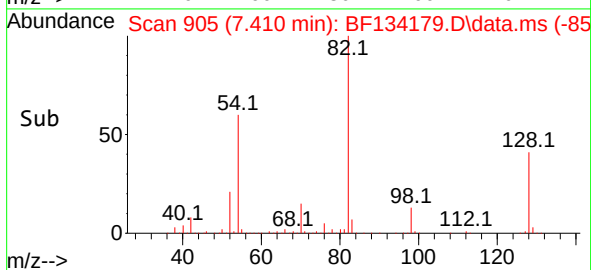
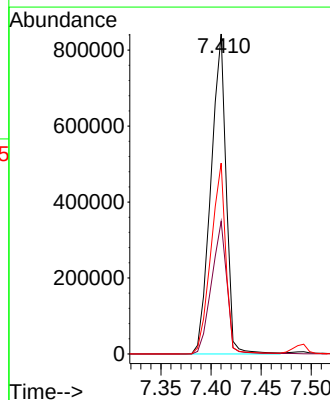
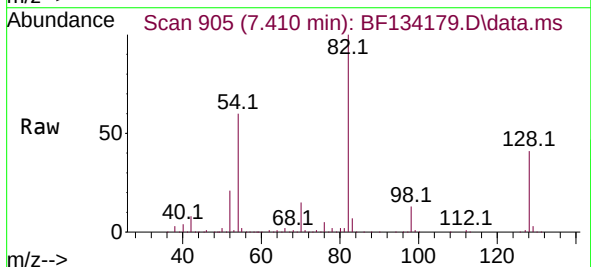
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	8.4	6.5	9.7
68	5.0	4.2	6.2

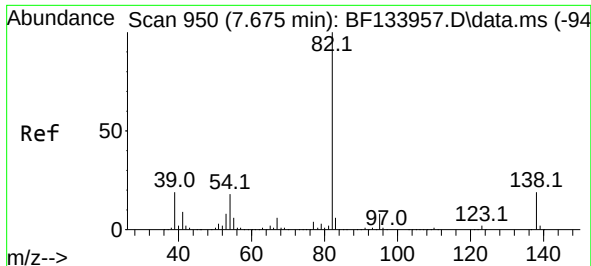


#23
Nitrobenzene-d5
Concen: 95.884 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

Tgt Ion: 82 Resp: 894510

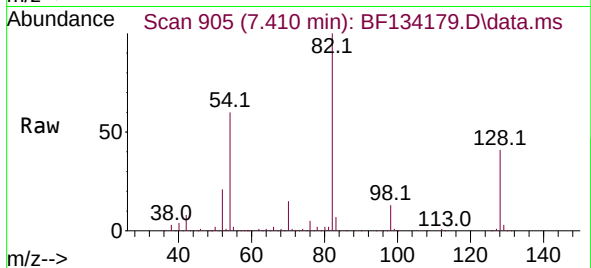
Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.5	48.7
54	59.7	48.2	72.2



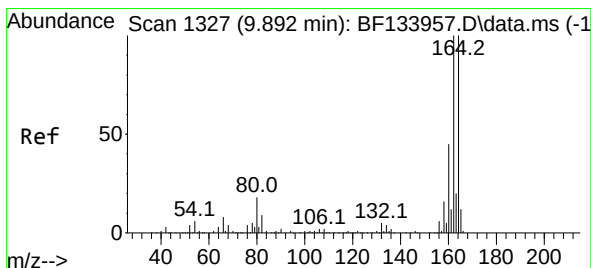
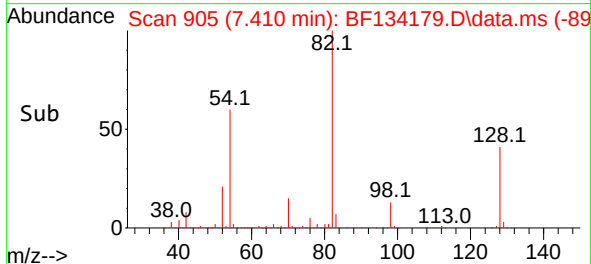
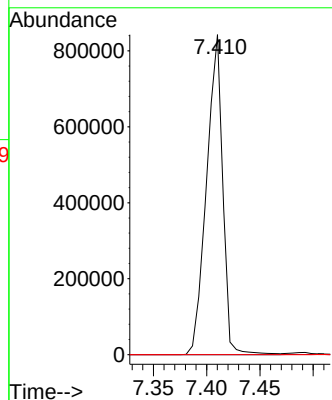


#25
Isophorone
Concen: 52.758 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

Instrument :
BNA_F
ClientSampleId :

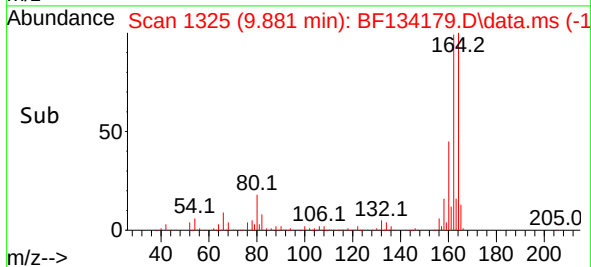
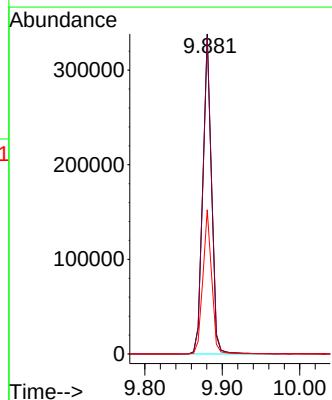
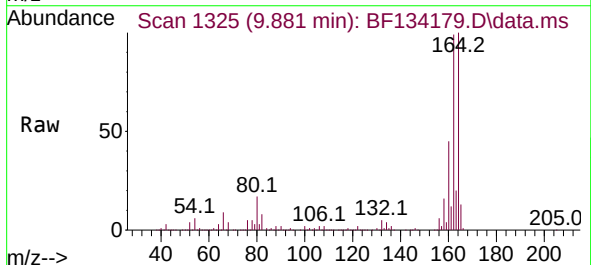


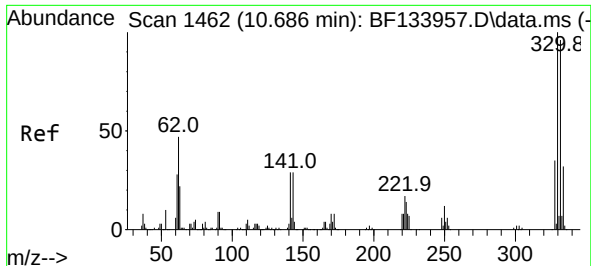
Tgt Ion: 82 Resp: 894501
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

Tgt Ion:164 Resp: 263938
Ion Ratio Lower Upper
164 100
162 99.1 80.0 120.0
160 45.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 143.814 ng

RT: 10.681 min Scan# 1461

Delta R.T. -0.006 min

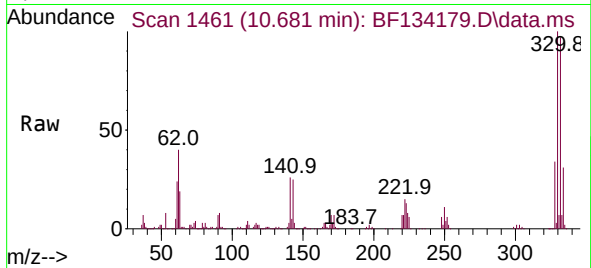
Lab File: BF134179.D

Acq: 09 Jul 2023 09:22

Instrument :

BNA_F

ClientSampleId :



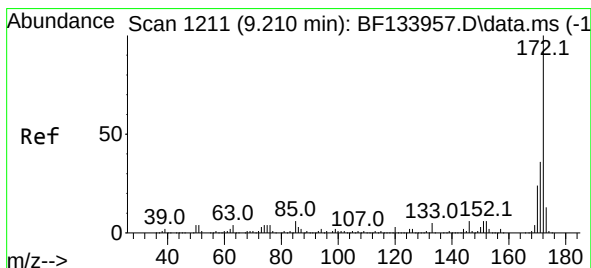
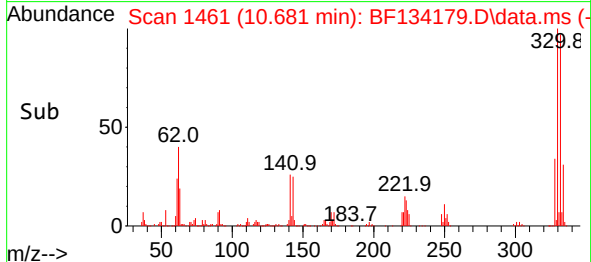
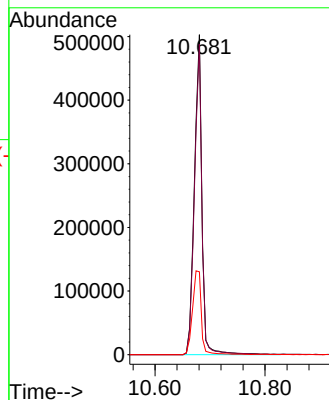
Tgt Ion:330 Resp: 475918

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

141 30.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 87.271 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134179.D

Acq: 09 Jul 2023 09:22

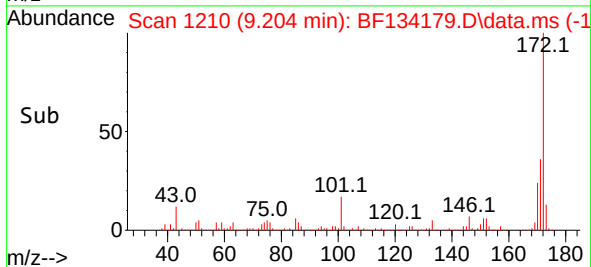
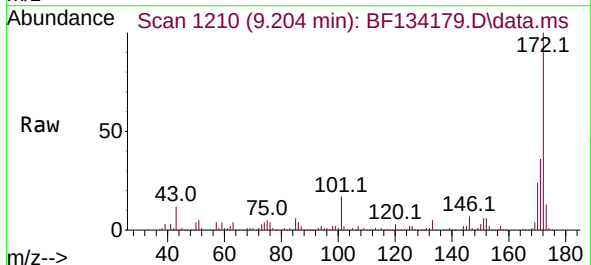
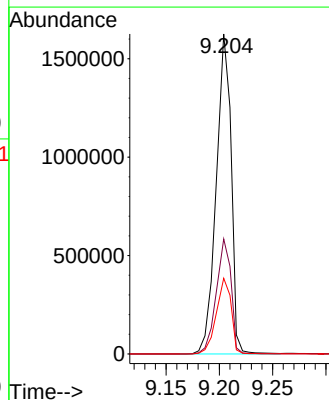
Tgt Ion:172 Resp: 1584313

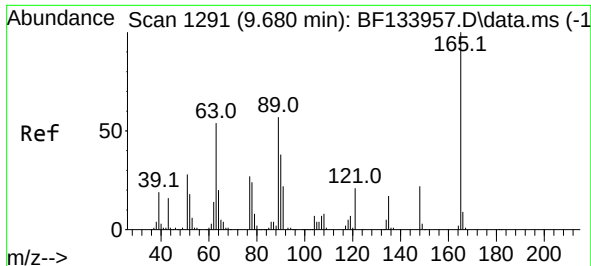
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

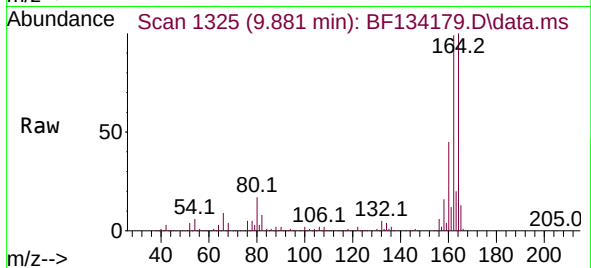
170 23.7 19.4 29.0



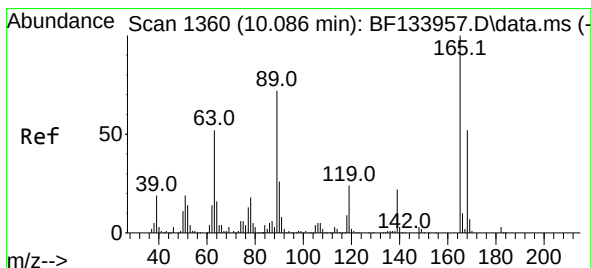
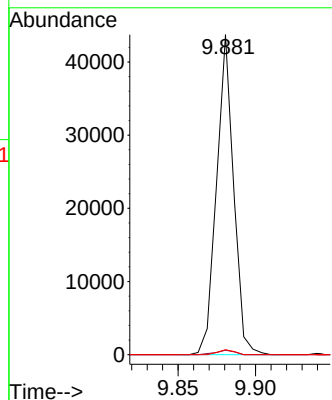
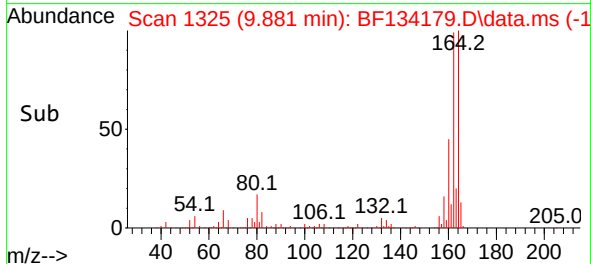


#51
2,6-Dinitrotoluene
Concen: 8.105 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

Instrument :
BNA_F
ClientSampleId :

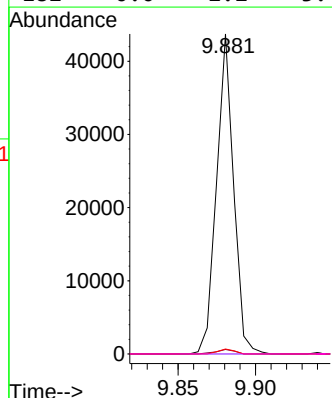
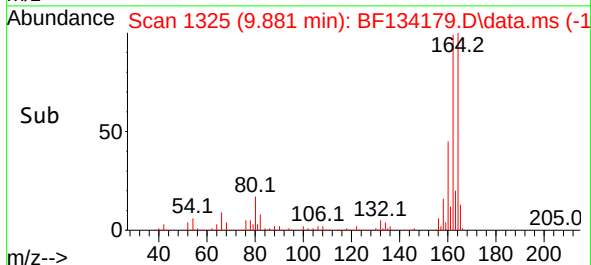
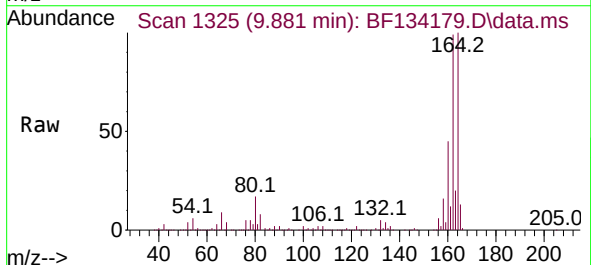


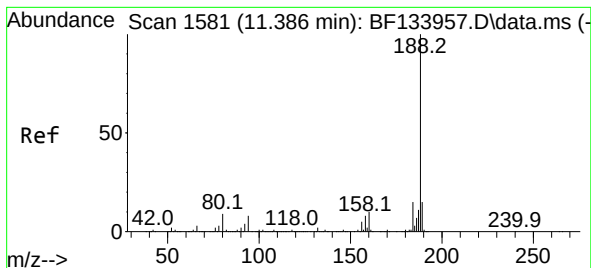
Tgt Ion:165 Resp: 33445
Ion Ratio Lower Upper
165 100
63 1.4 48.5 72.7#
89 1.6 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.137 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

Tgt Ion:165 Resp: 33445
Ion Ratio Lower Upper
165 100
63 1.4 42.2 63.2#
89 1.6 57.4 86.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134179.D

Acq: 09 Jul 2023 09:22

Instrument :

BNA_F

ClientSampleId :

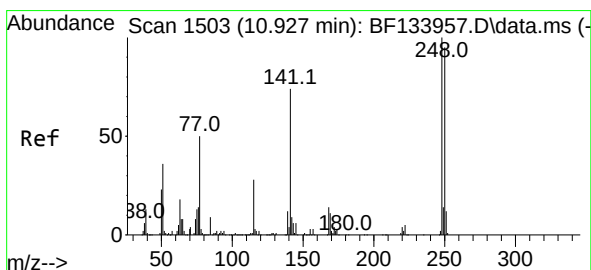
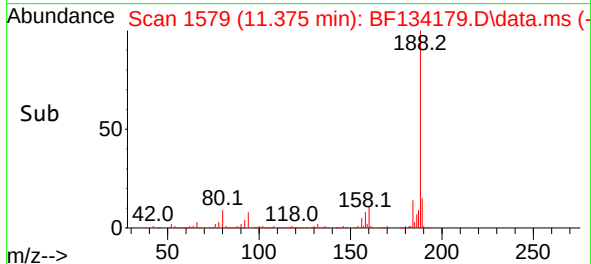
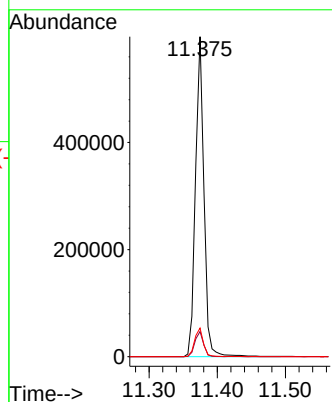
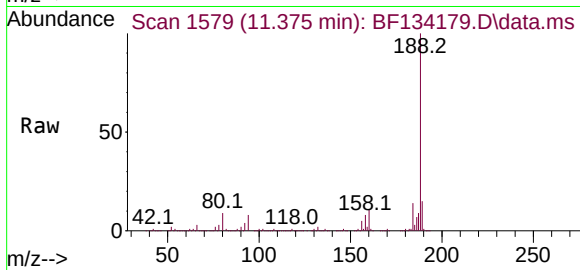
Tgt Ion:188 Resp: 511958

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.9 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 5.170 ng

RT: 10.681 min Scan# 1461

Delta R.T. -0.247 min

Lab File: BF134179.D

Acq: 09 Jul 2023 09:22

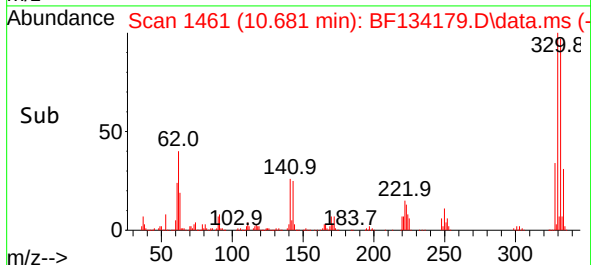
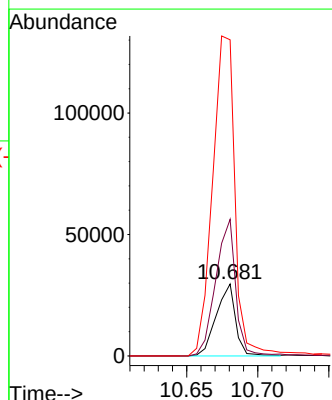
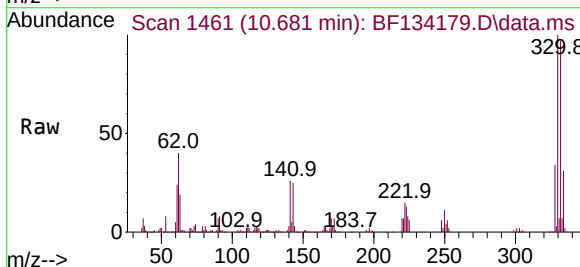
Tgt Ion:248 Resp: 28132

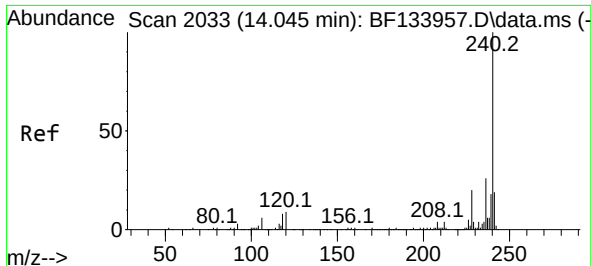
Ion Ratio Lower Upper

248 100

250 189.9 76.2 114.4#

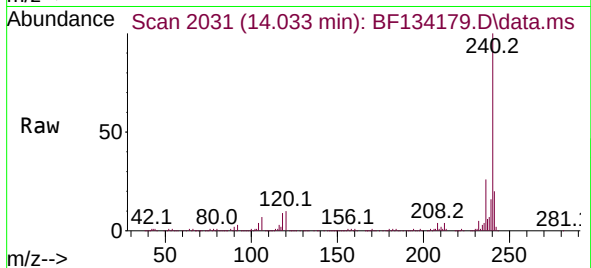
141 439.5 59.0 88.4#



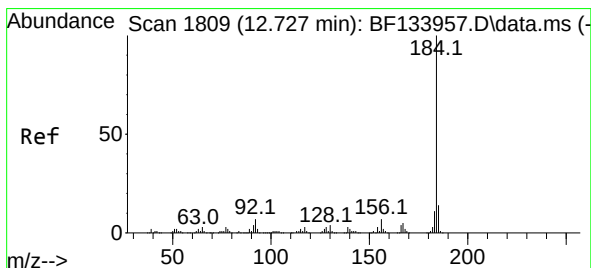
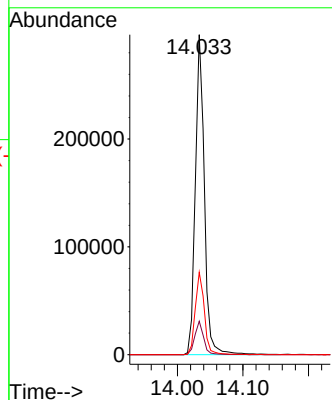
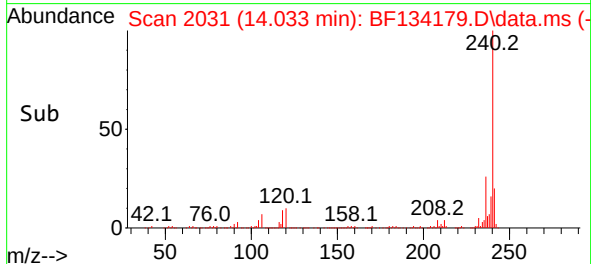


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22

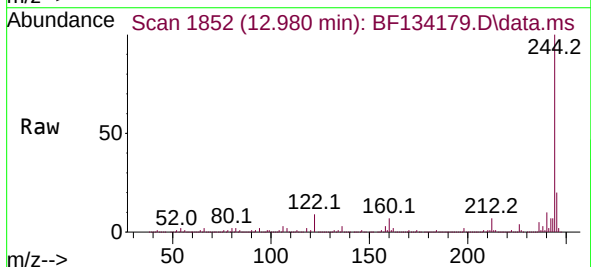
Instrument :
BNA_F
ClientSampleId :



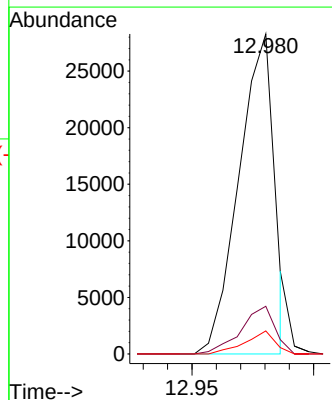
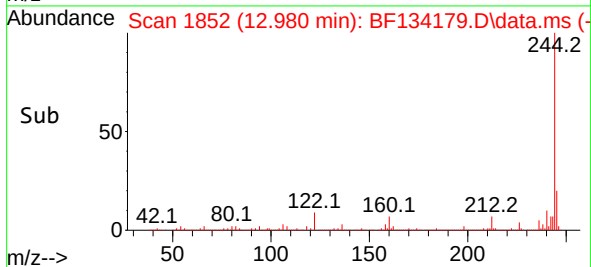
Tgt Ion:240 Resp: 285171
Ion Ratio Lower Upper
240 100
120 10.4 7.4 11.0
236 25.8 21.0 31.6

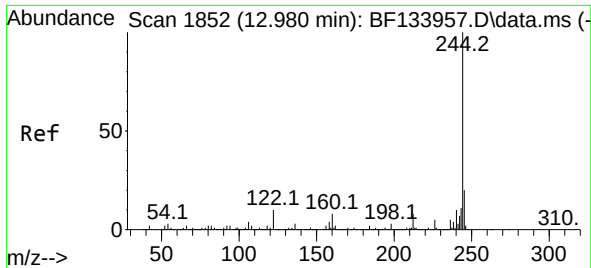


#77
Benzidine
Concen: 4.210 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF134179.D
Acq: 09 Jul 2023 09:22



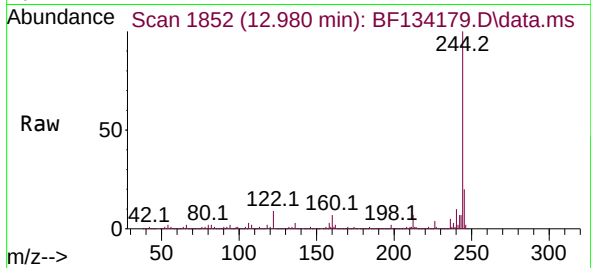
Tgt Ion:184 Resp: 28565
Ion Ratio Lower Upper
184 100
185 14.9 11.6 17.4
183 7.2 8.8 13.2#





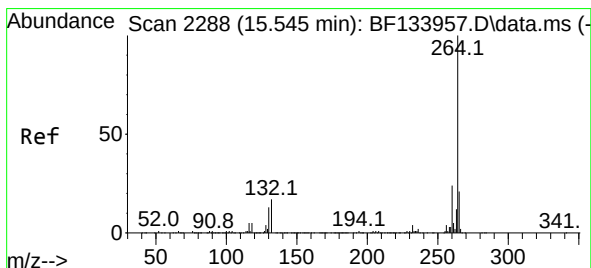
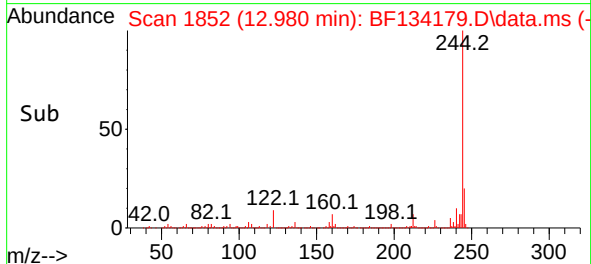
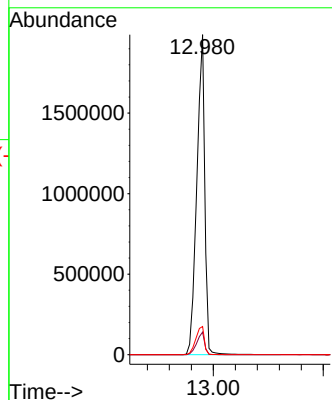
#79
 Terphenyl-d14
 Concen: 112.517 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134179.D
 Acq: 09 Jul 2023 09:22

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1993681

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	8.8	8.3	12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134179.D
 Acq: 09 Jul 2023 09:22

Tgt Ion:264 Resp: 248181

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.8	16.6	25.0

