

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133294.D
 Acq On : 08 May 2023 14:49
 Operator : CG\JU
 Sample : 02655-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-2

Quant Time: May 09 05:05:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

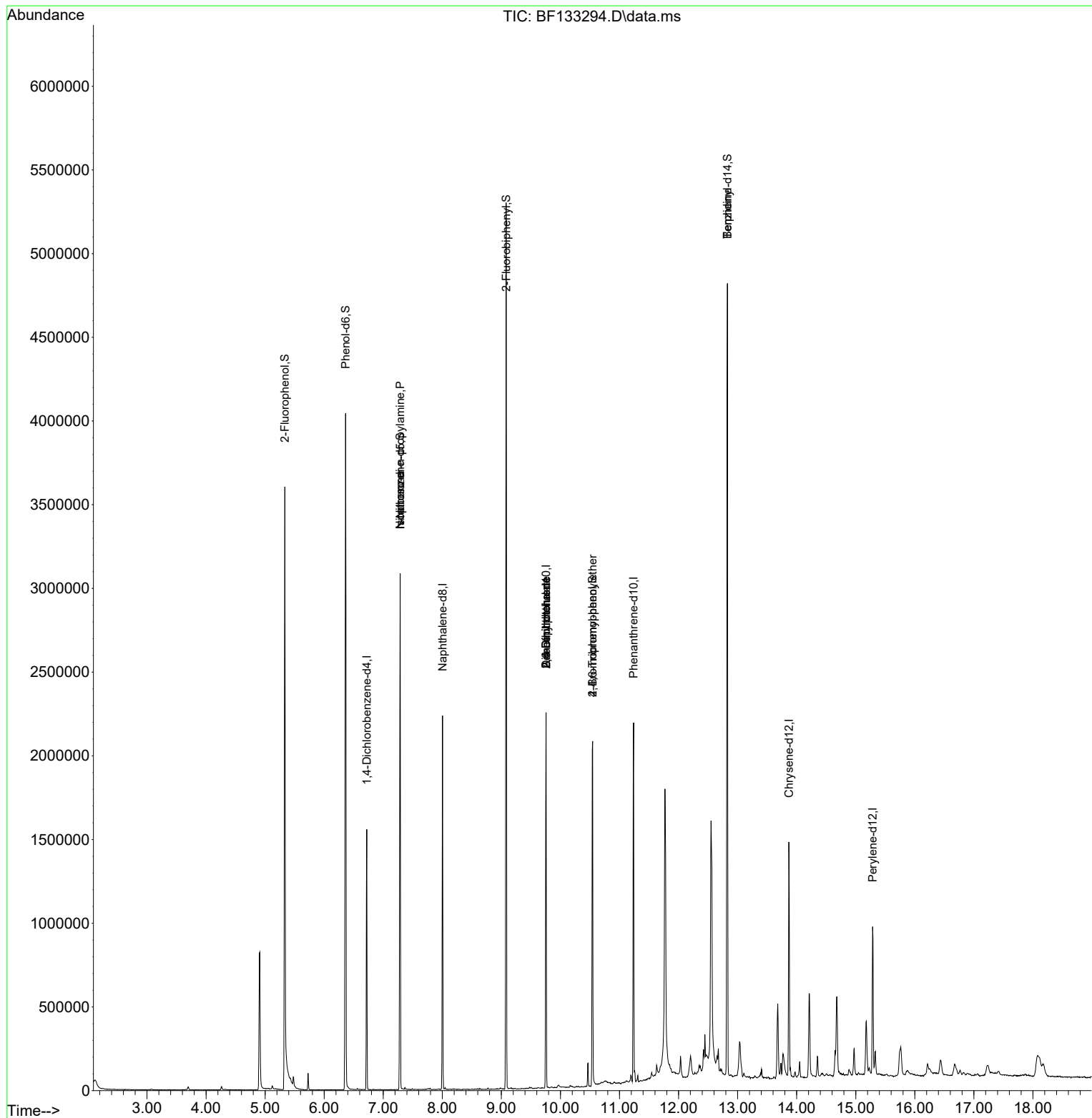
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	205133	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	820115	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	421810	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	763578	20.000	ng	# 0.00
76) Chrysene-d12	13.868	240	432948	20.000	ng	-0.01
86) Perylene-d12	15.286	264	378077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1168629	86.058	ng	0.00
7) Phenol-d6	6.363	99	1504124	89.239	ng	0.00
23) Nitrobenzene-d5	7.286	82	884909	58.241	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	252196	59.451	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1533751	60.832	ng	0.00
79) Terphenyl-d14	12.827	244	1693119	67.446	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.269	77	97	Below Cal	#	29
19) n-Nitroso-di-n-propyla...	7.286	70	117872	11.233	ng	# 77
25) Isophorone	7.286	82	883546	30.628	ng	# 62
50) Dimethylphthalate	9.757	163	85875	2.920	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	54087	8.170	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	54087	6.407	ng	# 23
67) 4-Bromophenyl-phenylether	10.545	248	17006	2.054	ng	# 1
77) Benzidine	12.827	184	21275	2.906	ng	94

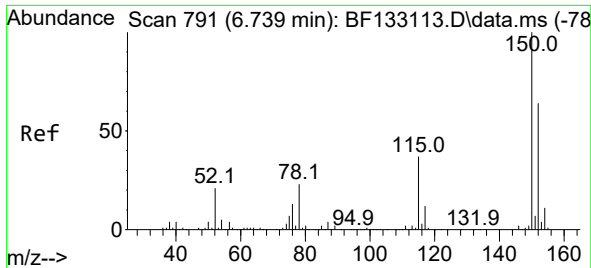
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 09 05:05:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 04:59:36 2023
Response via : Initial Calibration

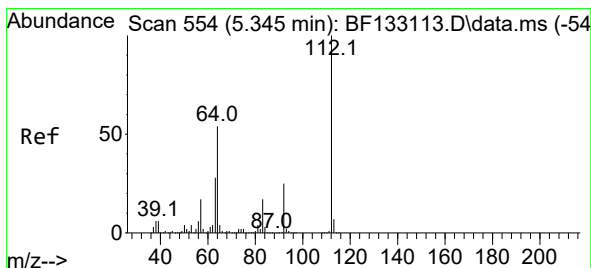
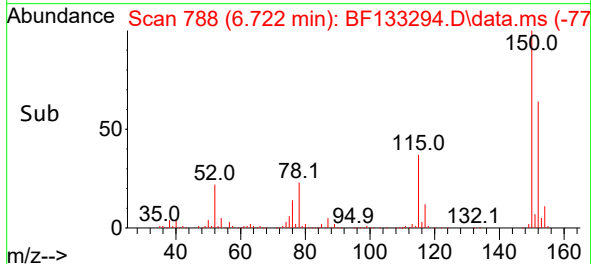
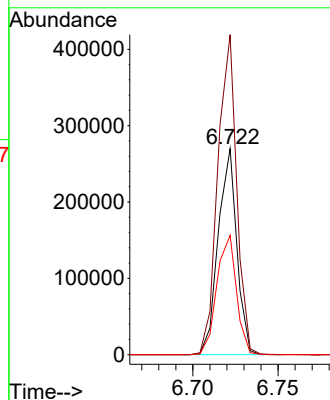
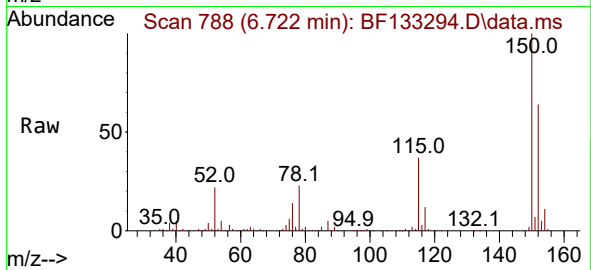




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

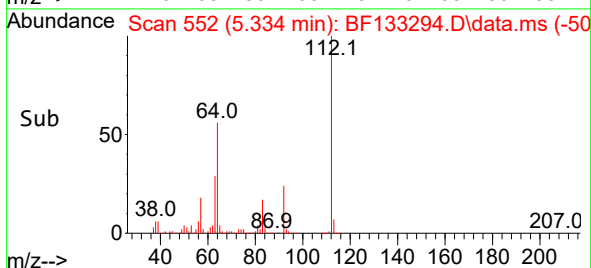
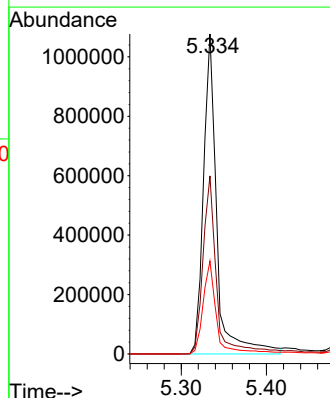
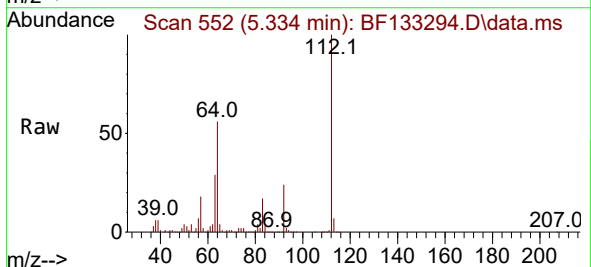
Instrument :
BNA_F
ClientSampleId :
SS-2

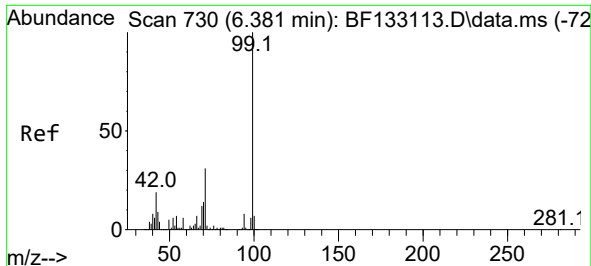
Tgt Ion:152 Resp: 205133
Ion Ratio Lower Upper
152 100
150 155.3 124.8 187.2
115 58.0 49.9 74.9



#5
2-Fluorophenol
Concen: 86.058 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.006 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

Tgt Ion:112 Resp: 1168629
Ion Ratio Lower Upper
112 100
64 55.6 46.8 70.2
63 29.0 23.8 35.8

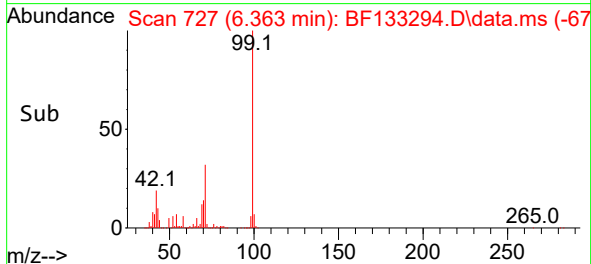
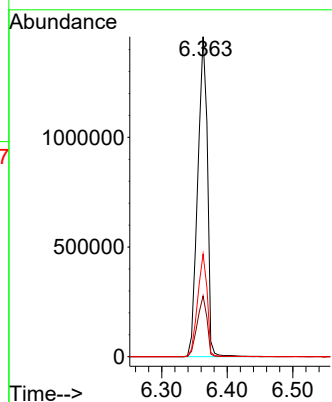
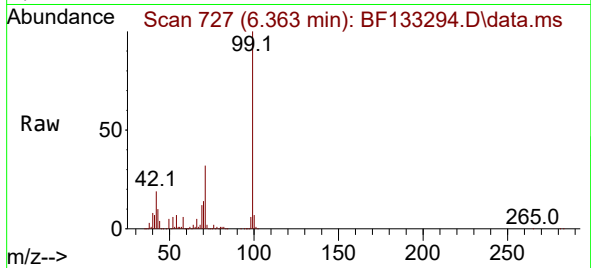




#7
Phenol-d6
Concen: 89.239 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

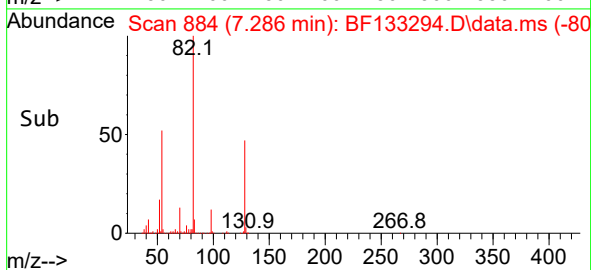
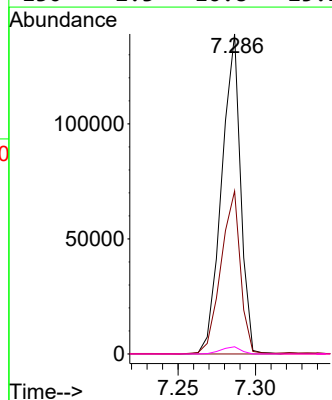
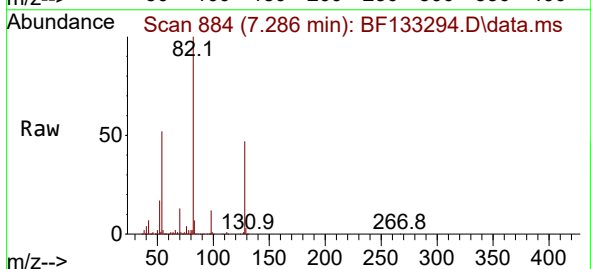
Instrument :
BNA_F
ClientSampleId :
SS-2

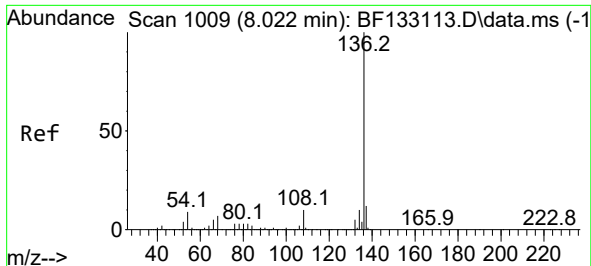
Tgt Ion: 99 Resp: 1504124
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 32.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.233 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

Tgt Ion: 70 Resp: 117872
Ion Ratio Lower Upper
70 100
42 50.9 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#

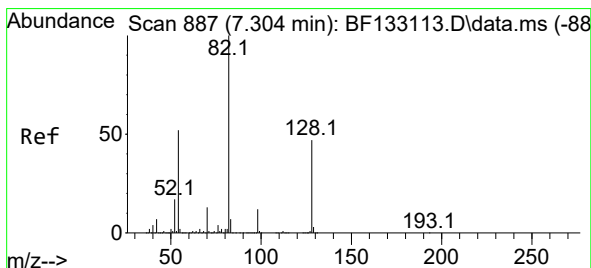
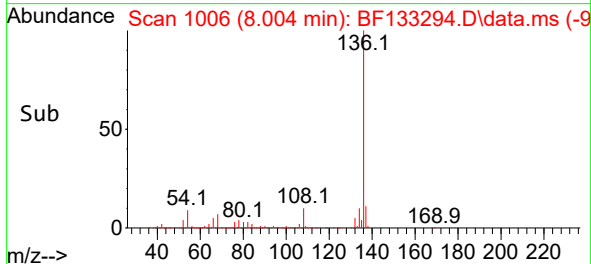
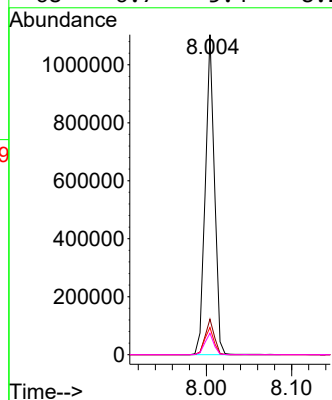
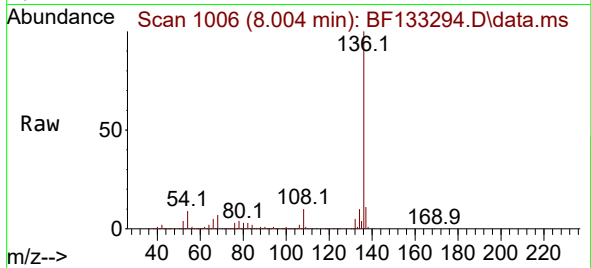




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

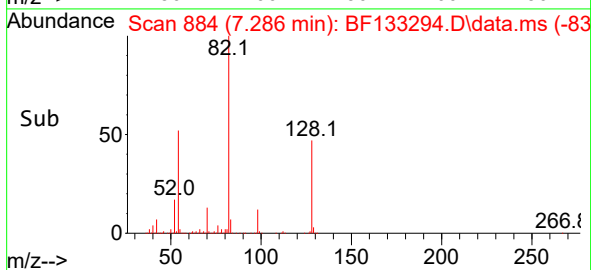
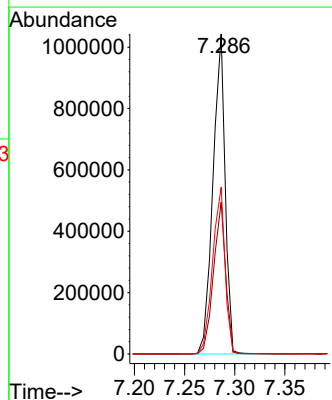
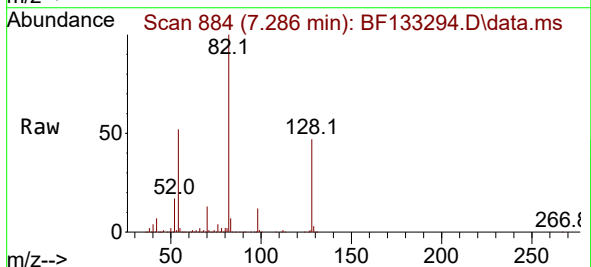
Instrument :
BNA_F
ClientSampleId :
SS-2

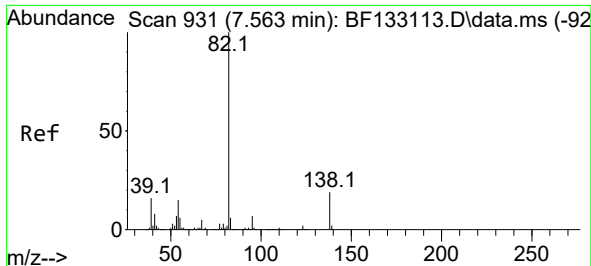
Tgt Ion:136 Resp: 820115
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.5 7.0 10.4
68 6.7 5.4 8.2



#23
Nitrobenzene-d5
Concen: 58.241 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

Tgt Ion: 82 Resp: 884909
Ion Ratio Lower Upper
82 100
128 47.5 37.7 56.5
54 52.1 43.0 64.4





#25

Isophorone

Concen: 30.628 ng

RT: 7.286 min Scan# 81

Delta R.T. -0.265 min

Lab File: BF133294.D

Acq: 08 May 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SS-2

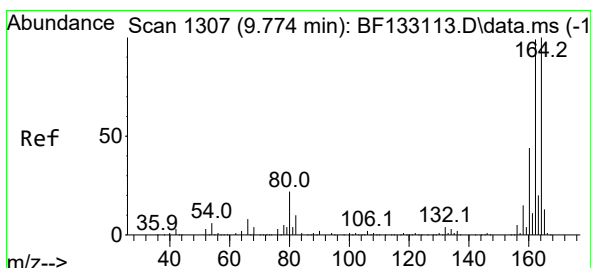
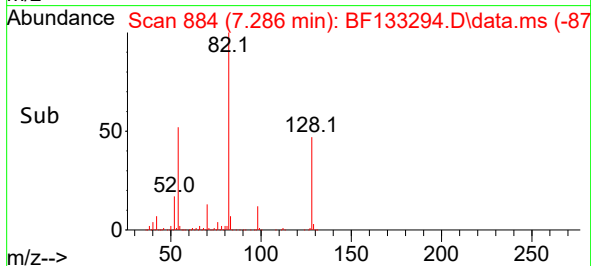
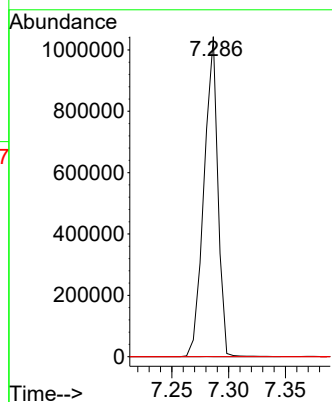
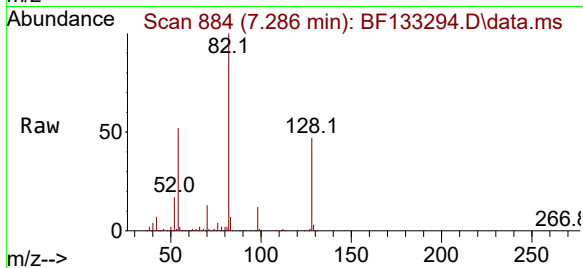
Tgt Ion: 82 Resp: 883546

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 16.0 24.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF133294.D

Acq: 08 May 2023 14:49

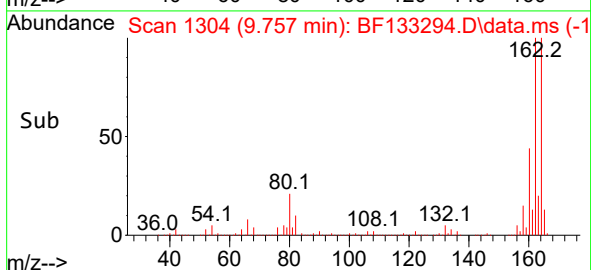
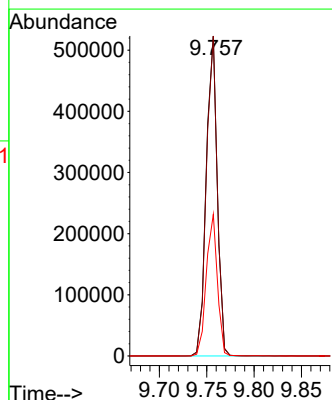
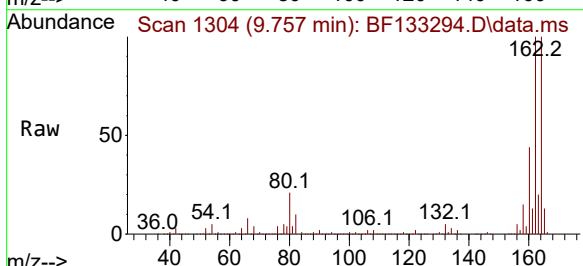
Tgt Ion: 164 Resp: 421810

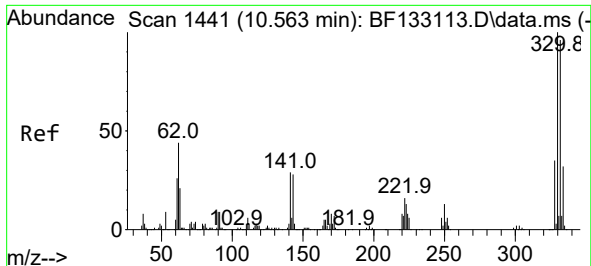
Ion Ratio Lower Upper

164 100

162 100.1 78.7 118.1

160 44.3 35.8 53.6

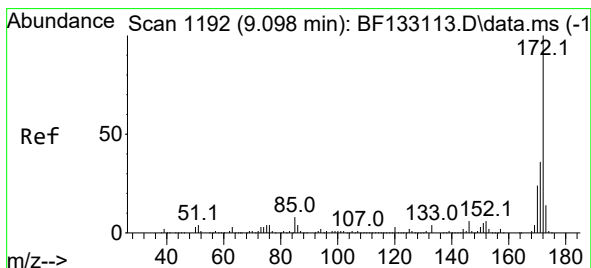
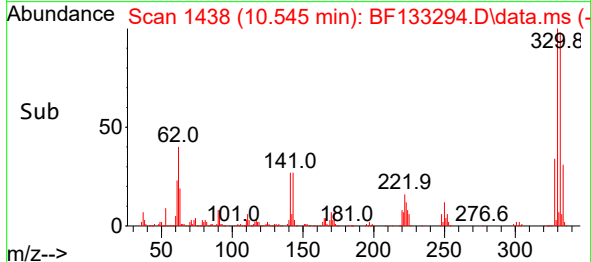
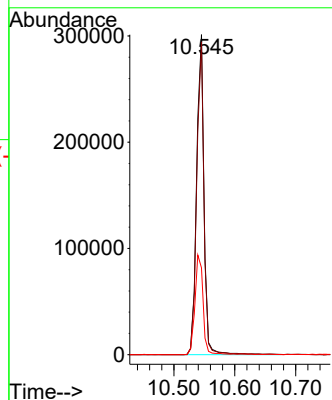
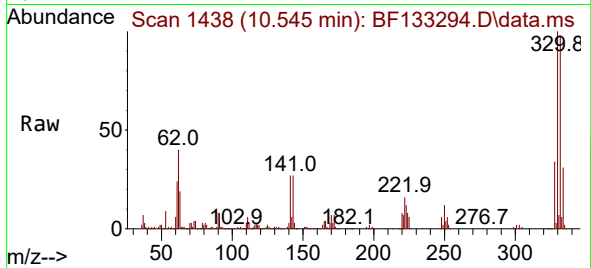




#42
2,4,6-Tribromophenol
Concen: 59.451 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

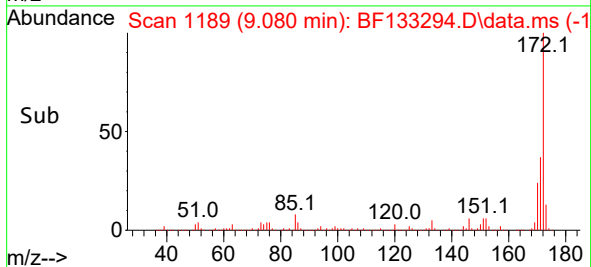
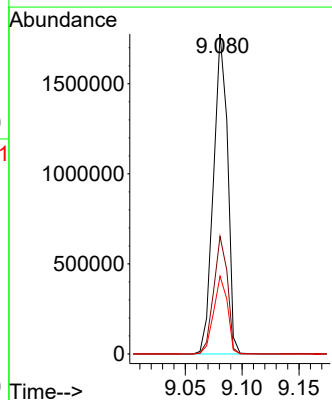
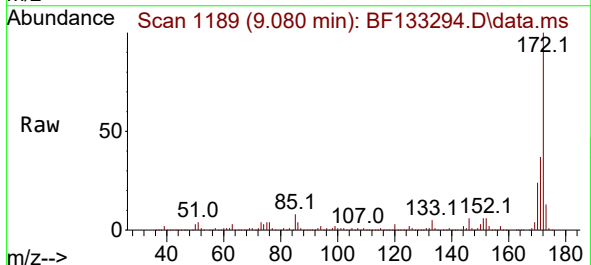
Instrument :
BNA_F
ClientSampleId :
SS-2

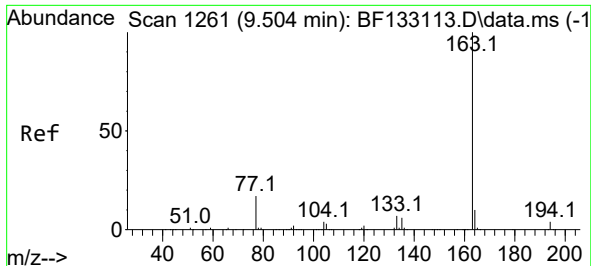
Tgt Ion: 330 Resp: 252196
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 34.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 60.832 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

Tgt Ion: 172 Resp: 1533751
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.3 19.4 29.2

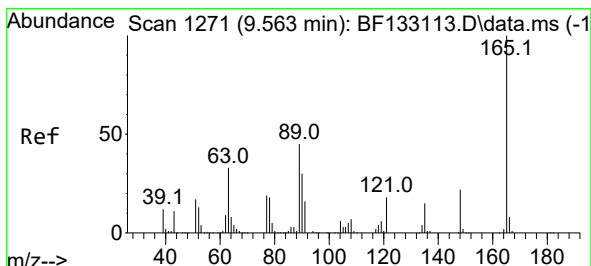
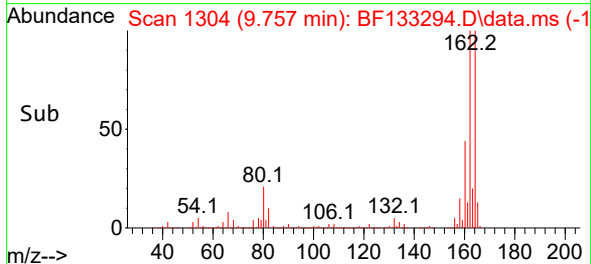
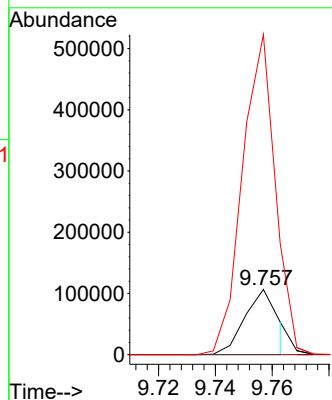
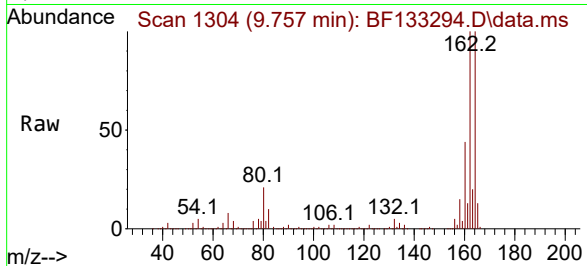




#50
Dimethylphthalate
Concen: 2.920 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

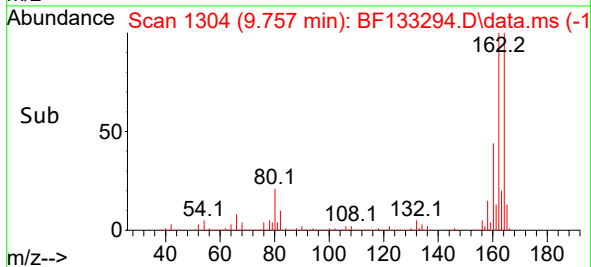
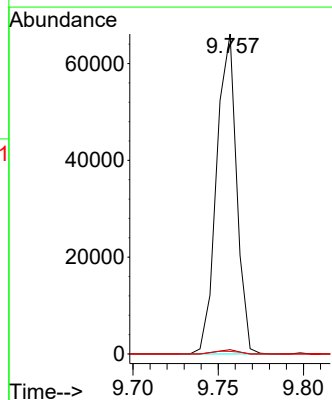
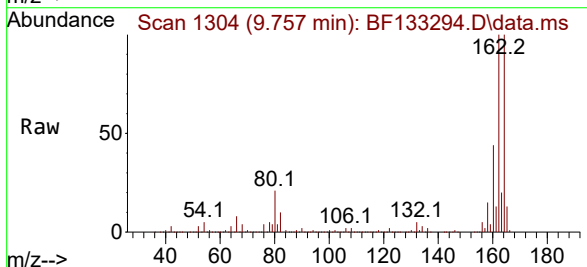
Instrument :
BNA_F
ClientSampleId :
SS-2

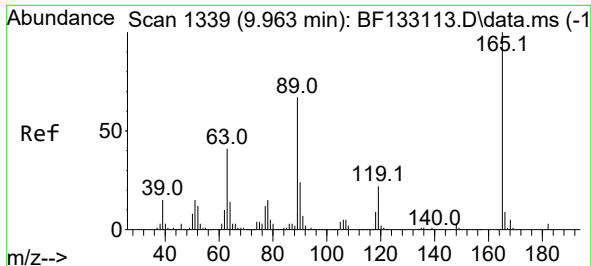
Tgt Ion:163 Resp: 85875
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 490.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.170 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

Tgt Ion:165 Resp: 54087
Ion Ratio Lower Upper
165 100
63 1.4 45.9 68.9#
89 0.8 44.0 66.0#

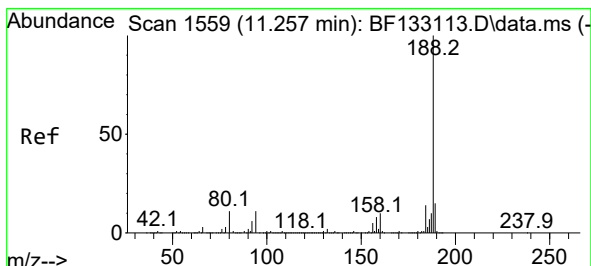
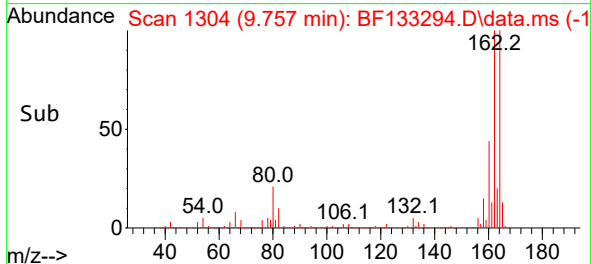
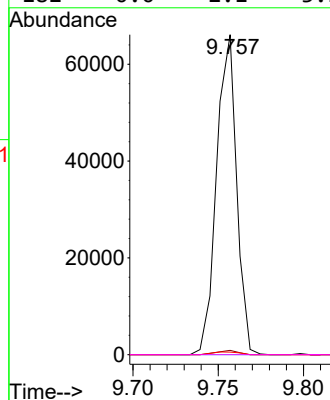
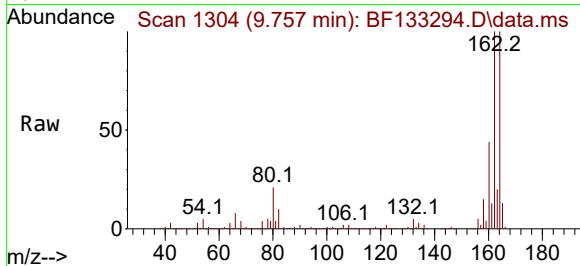




#57
2,4-Dinitrotoluene
Concen: 6.407 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

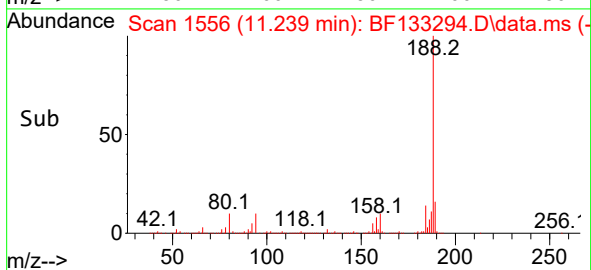
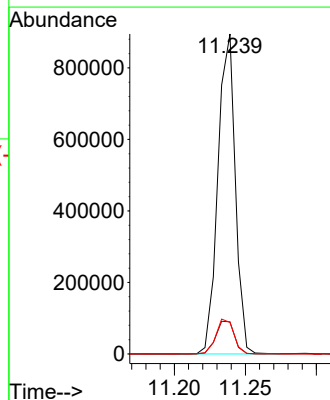
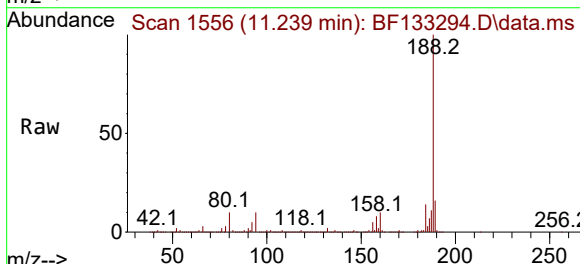
Instrument :
BNA_F
ClientSampleId :
SS-2

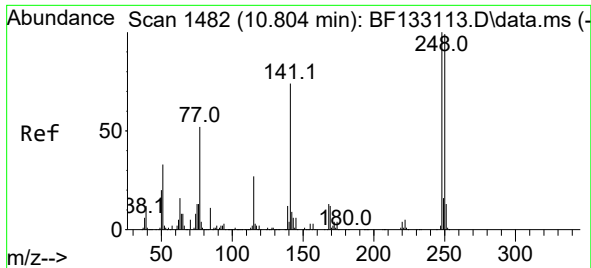
Tgt Ion:165 Resp: 54087
Ion Ratio Lower Upper
165 100
63 1.4 37.7 56.5#
89 0.8 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

Tgt Ion:188 Resp: 763578
Ion Ratio Lower Upper
188 100
94 10.1 9.7 14.5
80 9.9 10.4 15.6#

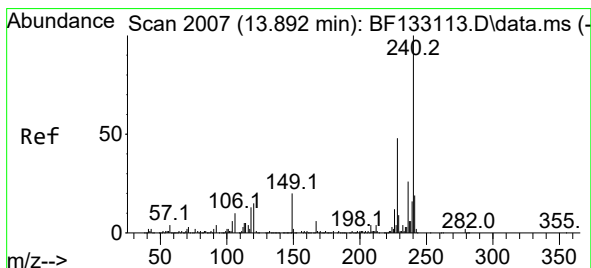
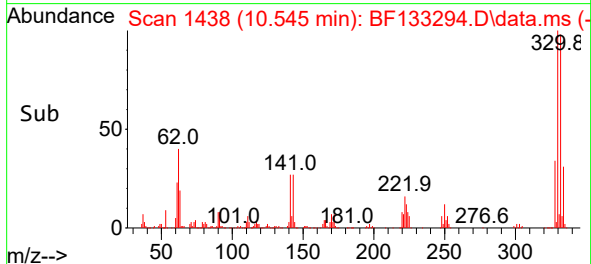
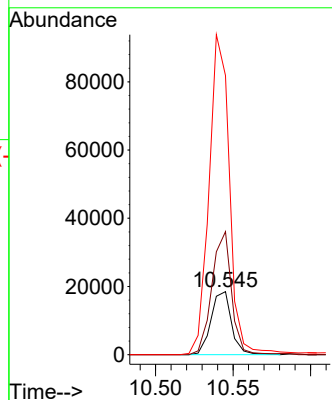
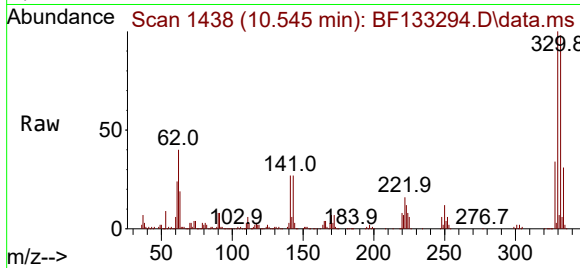




#67
4-Bromophenyl-phenylether
Concen: 2.054 ng
RT: 10.545 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

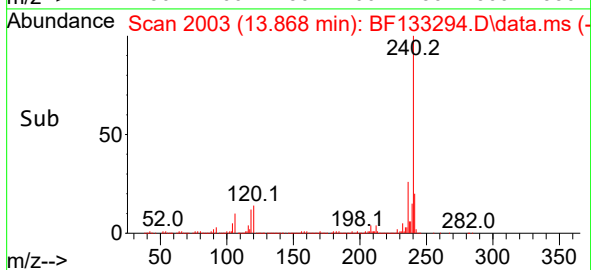
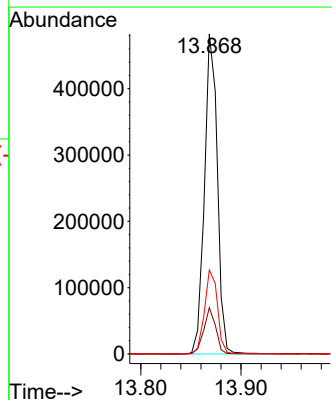
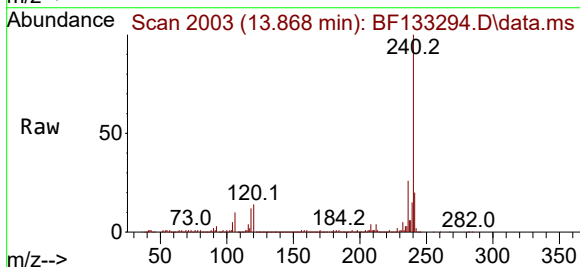
Instrument :
BNA_F
ClientSampleId :
SS-2

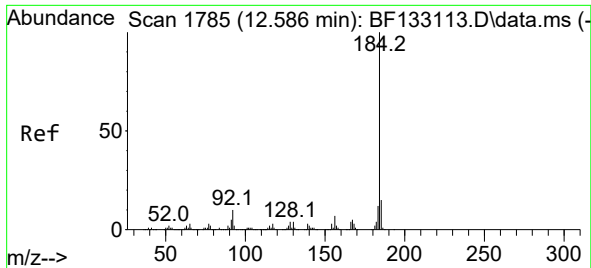
Tgt Ion:248 Resp: 17006
Ion Ratio Lower Upper
248 100
250 195.2 78.7 118.1#
141 442.9 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

Tgt Ion:240 Resp: 432948
Ion Ratio Lower Upper
240 100
120 14.5 10.5 15.7
236 26.3 21.5 32.3

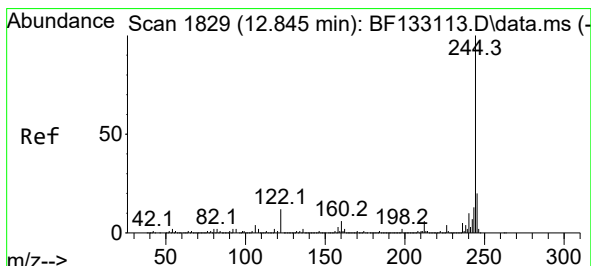
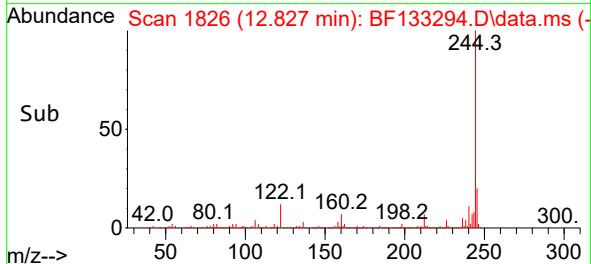
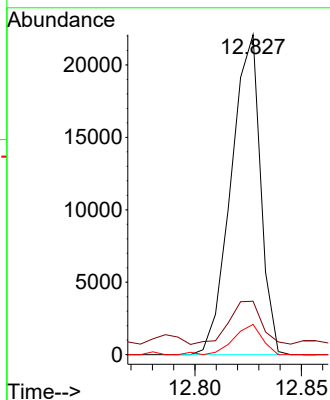
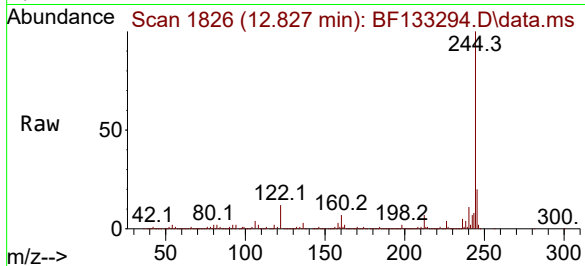




#77
Benzidine
Concen: 2.906 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.253 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

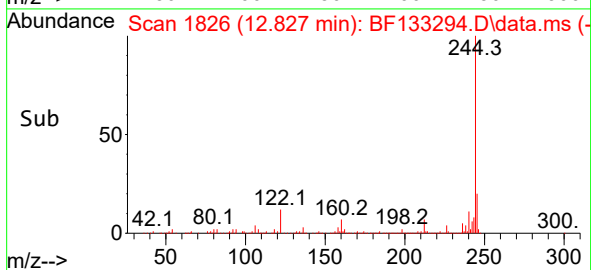
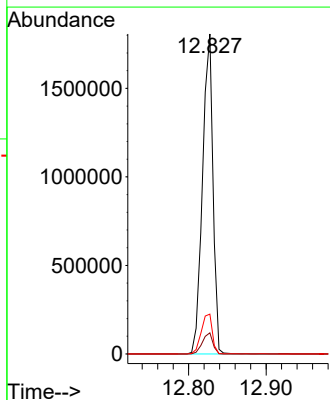
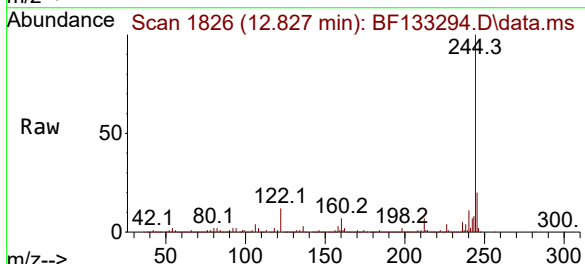
Instrument :
BNA_F
ClientSampleId :
SS-2

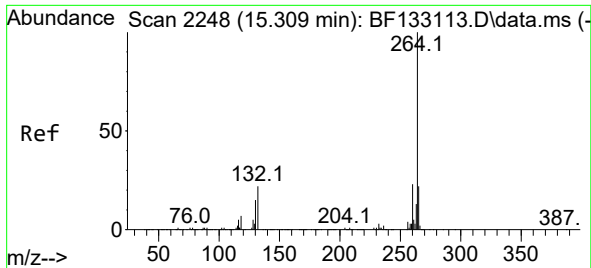
Tgt Ion:184 Resp: 21275
Ion Ratio Lower Upper
184 100
185 16.7 15.4 23.2
183 9.5 9.4 14.0



#79
Terphenyl-d14
Concen: 67.446 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF133294.D
Acq: 08 May 2023 14:49

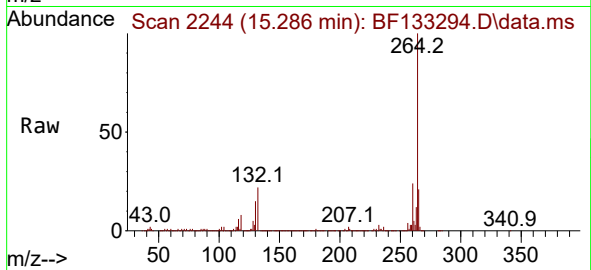
Tgt Ion:244 Resp: 1693119
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 12.5 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133294.D
 Acq: 08 May 2023 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SS-2



Tgt Ion:264 Resp: 378077
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.4 17.0 25.4

