

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133285.D
 Acq On : 06 May 2023 02:36
 Operator : CG\JU
 Sample : 02624-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WZ-2A

Quant Time: May 06 05:55:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

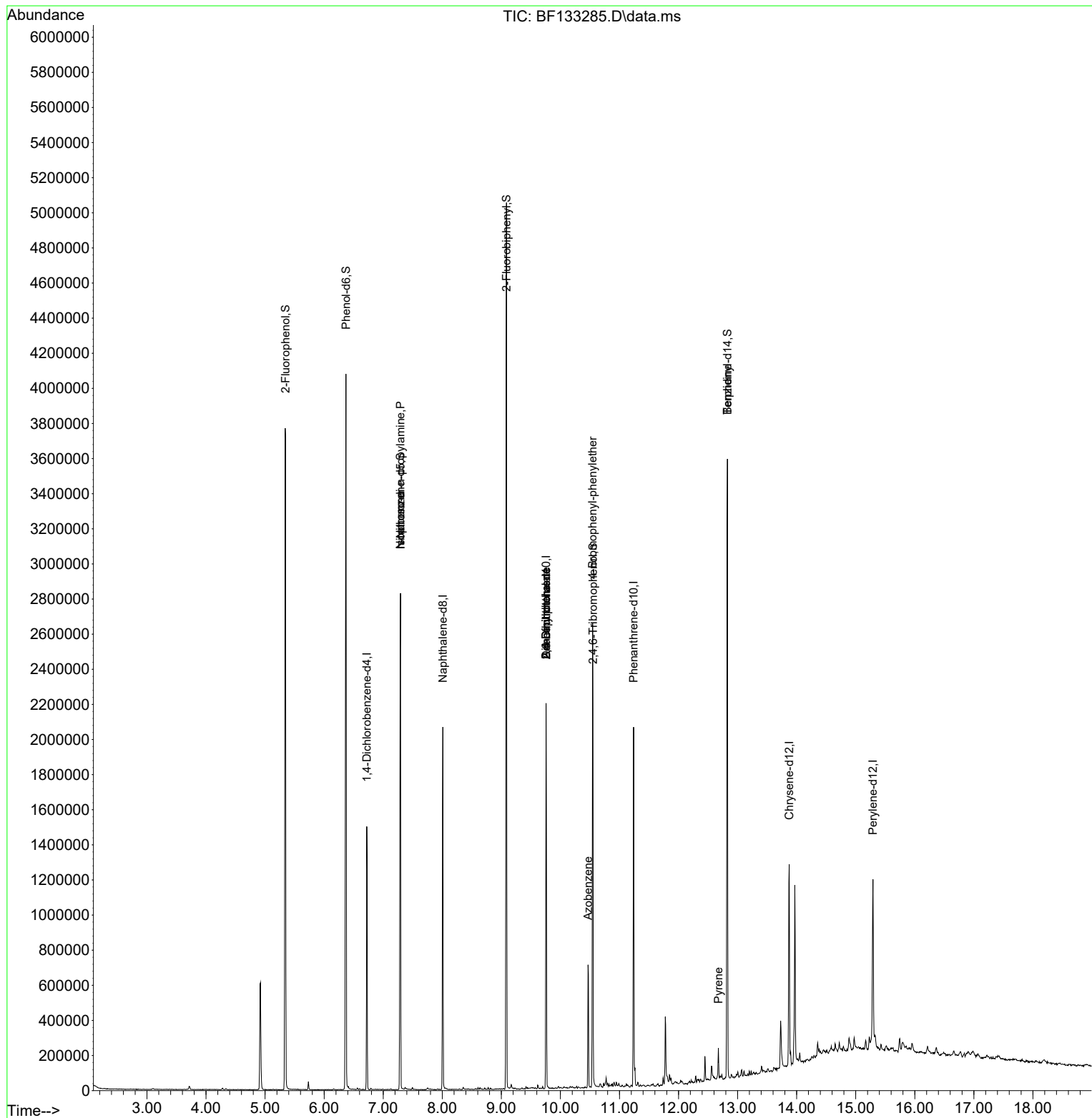
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	208810	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	812117	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	409956	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	653980	20.000	ng	0.00
76) Chrysene-d12	13.874	240	360891	20.000	ng	0.00
86) Perylene-d12	15.292	264	381412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1167259	84.444	ng	0.01
7) Phenol-d6	6.369	99	1429732	83.332	ng	0.00
23) Nitrobenzene-d5	7.293	82	882324	58.643	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	317514	77.012	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1465541	59.808	ng	0.00
79) Terphenyl-d14	12.827	244	1235521	59.044	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	382	Below Cal	#	61
19) n-Nitroso-di-n-propyla...	7.293	70	116331	10.891	ng	# 76
25) Isophorone	7.293	82	882462	30.891	ng	# 63
50) Dimethylphthalate	9.757	163	77674	2.717	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	52727	8.195	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	52727	6.426	ng	# 23
63) Azobenzene	10.469	77	120764	4.222	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	20591	2.903	ng	# 1
77) Benzidine	12.827	184	15698	2.572	ng	# 90
78) Pyrene	12.675	202	64864	2.097	ng	98

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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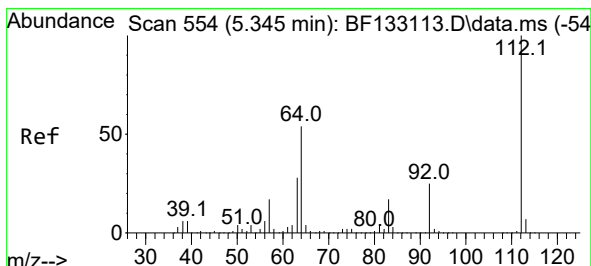
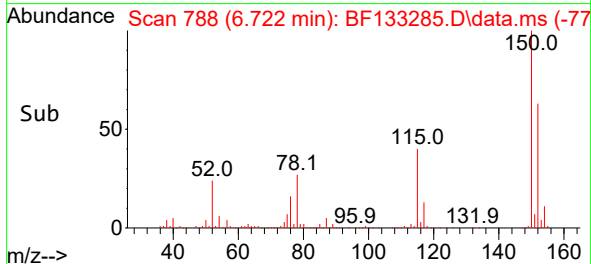
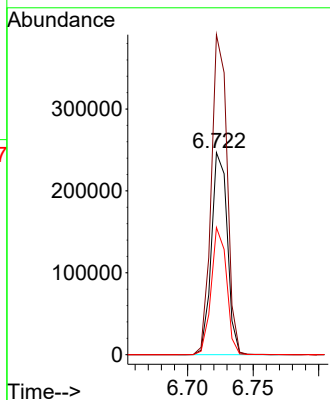
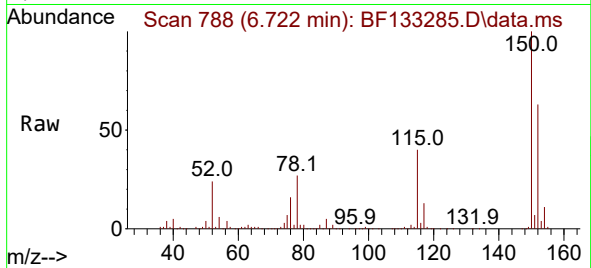




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

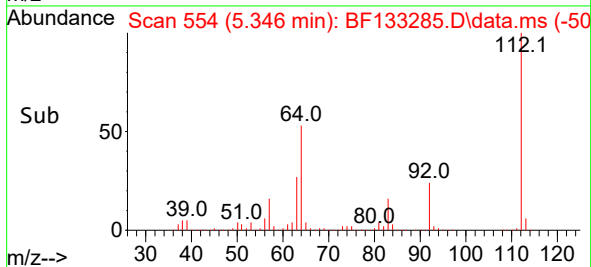
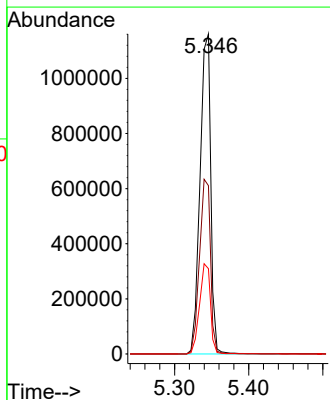
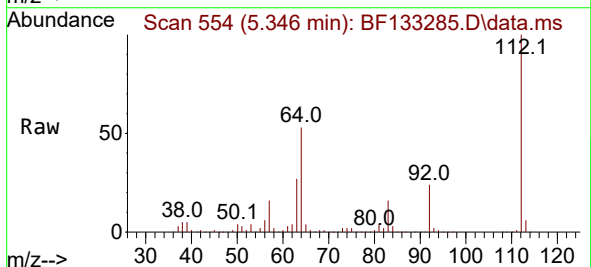
Instrument :
BNA_F
ClientSampleId :
WZ-2A

Tgt Ion:152 Resp: 208810
Ion Ratio Lower Upper
152 100
150 158.3 124.8 187.2
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 84.444 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

Tgt Ion:112 Resp: 1167259
Ion Ratio Lower Upper
112 100
64 52.6 46.8 70.2
63 26.7 23.8 35.8

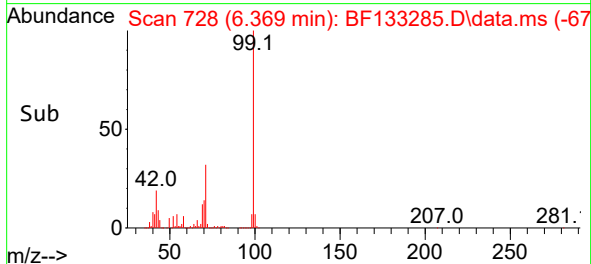
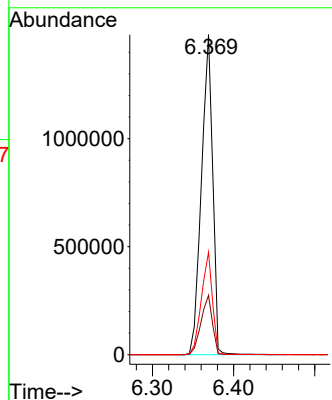
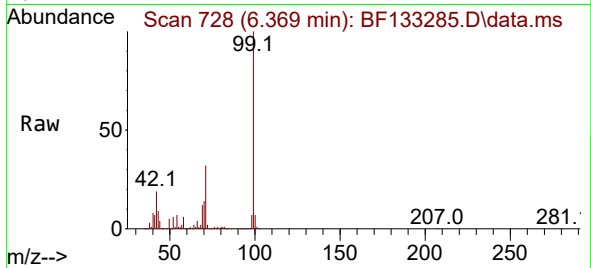




#7
Phenol-d6
Concen: 83.332 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

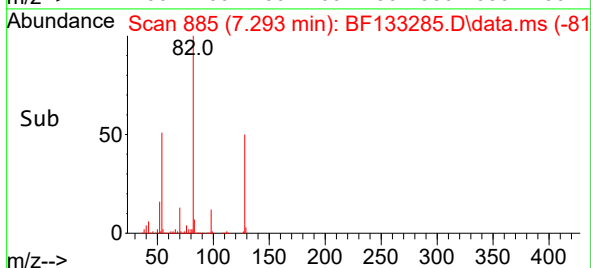
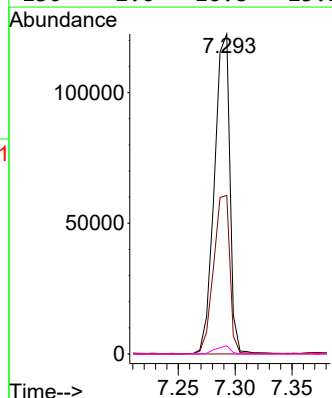
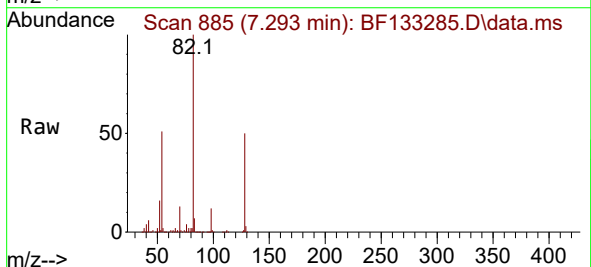
Instrument :
BNA_F
ClientSampleId :
WZ-2A

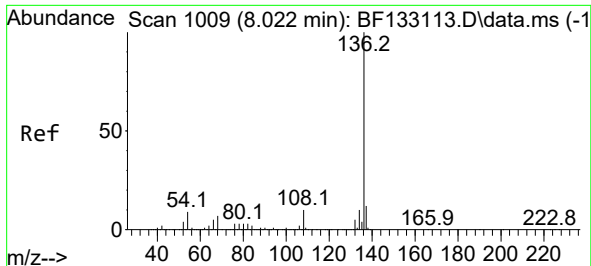
Tgt Ion: 99 Resp: 1429732
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 32.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.891 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

Tgt Ion: 70 Resp: 116331
Ion Ratio Lower Upper
70 100
42 49.6 51.8 77.6#
101 0.0 8.0 12.0#
130 2.6 16.8 25.2#



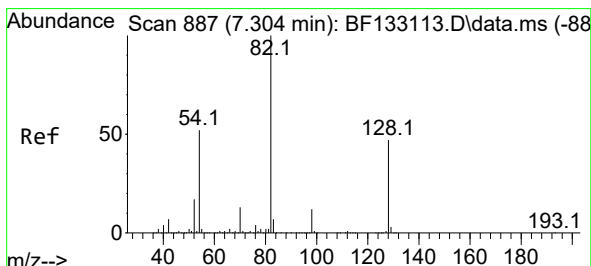
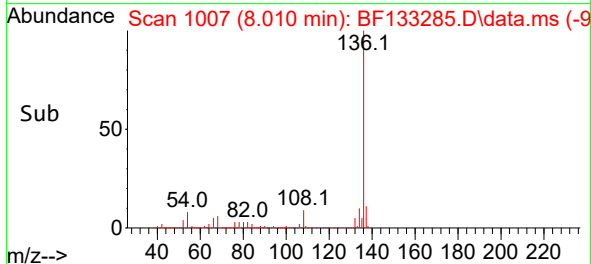
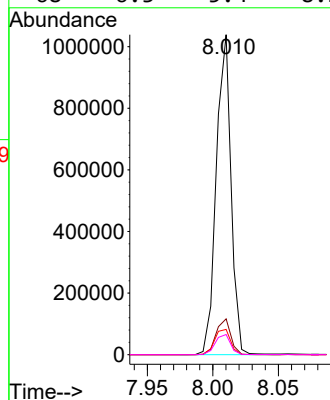
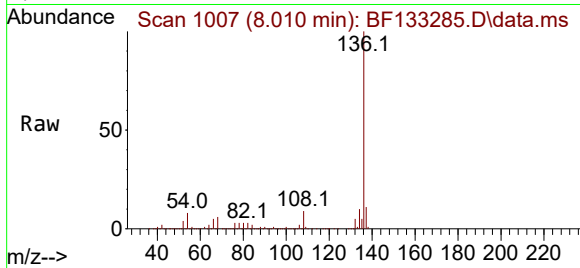


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

Instrument :
BNA_F
ClientSampleId :
WZ-2A

Tgt Ion:136 Resp: 812117

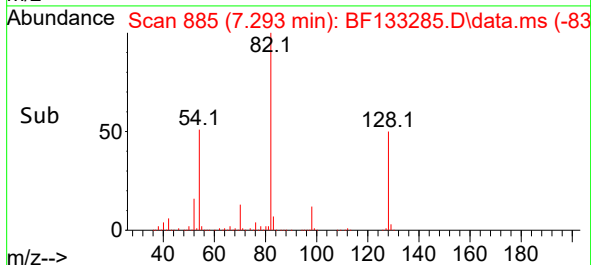
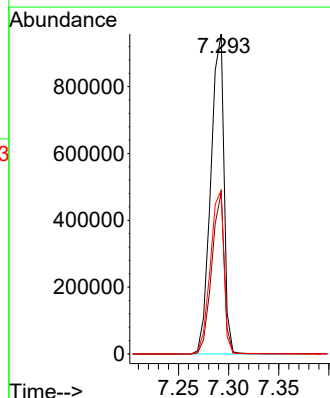
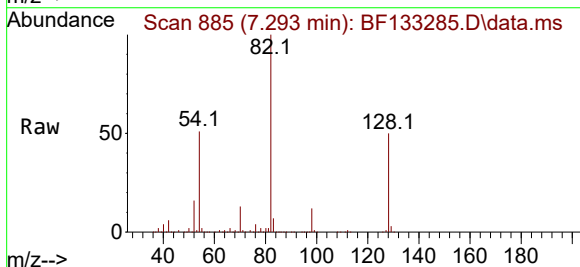
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.9	7.0	10.4
68	6.3	5.4	8.2



#23
Nitrobenzene-d5
Concen: 58.643 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

Tgt Ion: 82 Resp: 882324

Ion	Ratio	Lower	Upper
82	100		
128	50.3	37.7	56.5
54	51.1	43.0	64.4

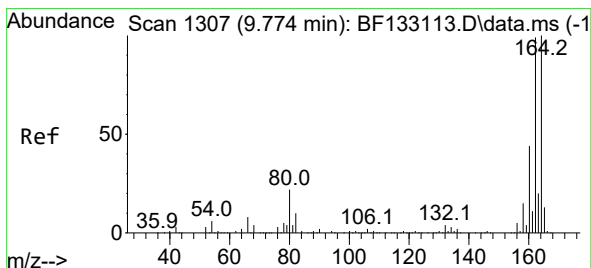
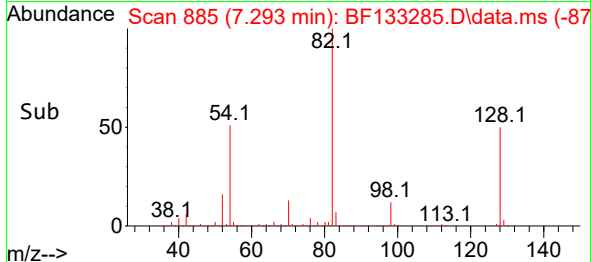
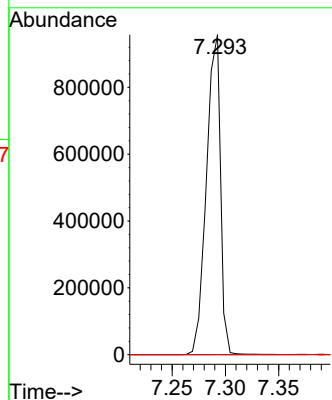
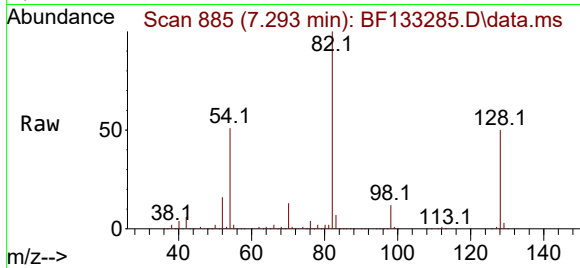




#25
Isophorone
Concen: 30.891 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

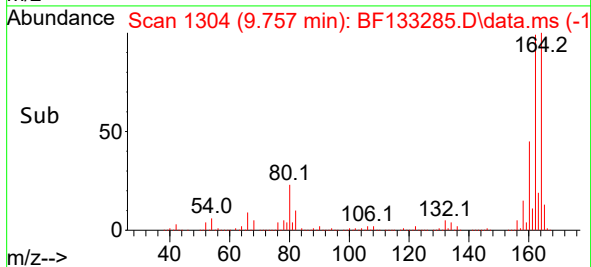
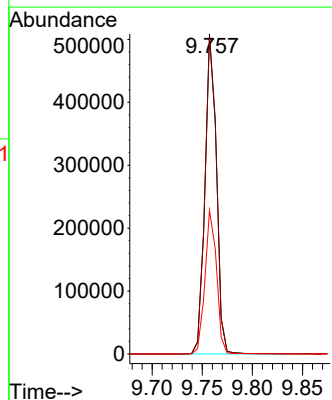
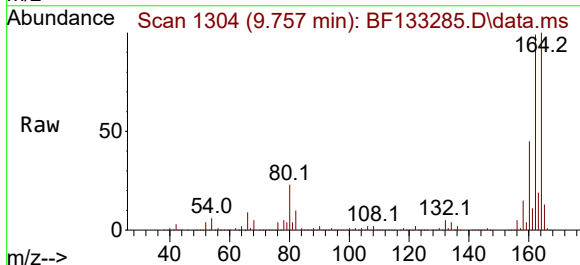
Instrument :
BNA_F
ClientSampleId :
WZ-2A

Tgt Ion: 82 Resp: 882462
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: BF133285.D
Acq: 06 May 2023 02:36

Tgt Ion: 164 Resp: 409956
Ion Ratio Lower Upper
164 100
162 99.2 78.7 118.1
160 44.9 35.8 53.6

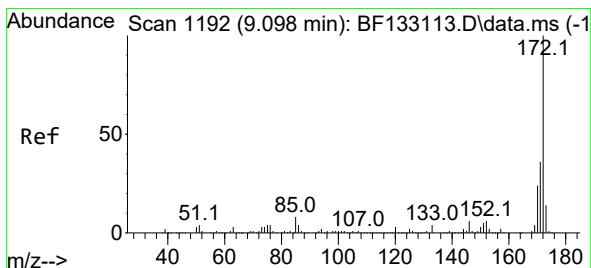
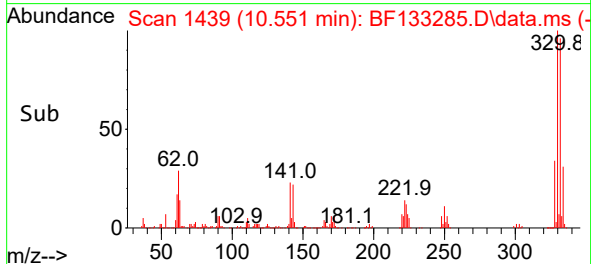
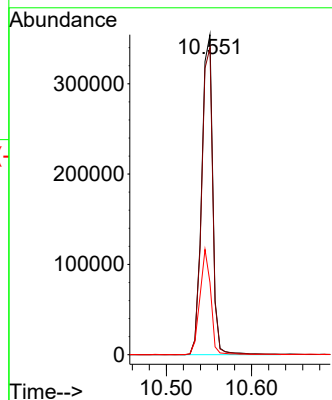
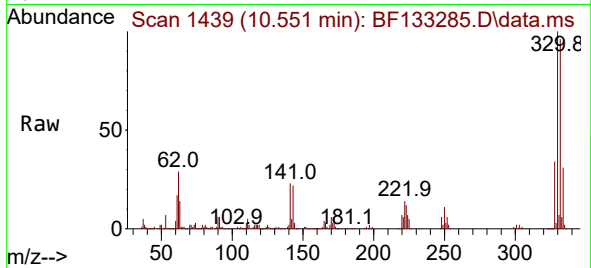




#42
2,4,6-Tribromophenol
Concen: 77.012 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

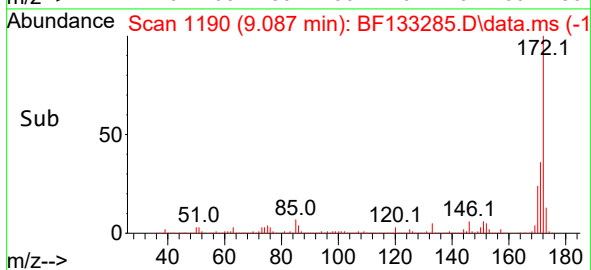
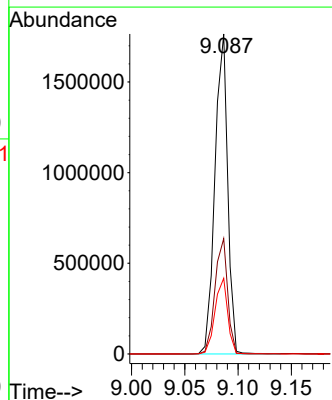
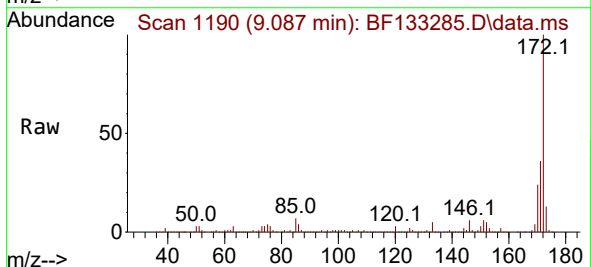
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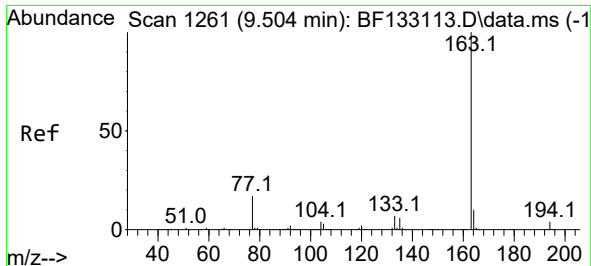
Tgt Ion:330 Resp: 317514
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 32.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 59.808 ng
RT: 9.087 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

Tgt Ion:172 Resp: 1465541
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.6 19.4 29.2

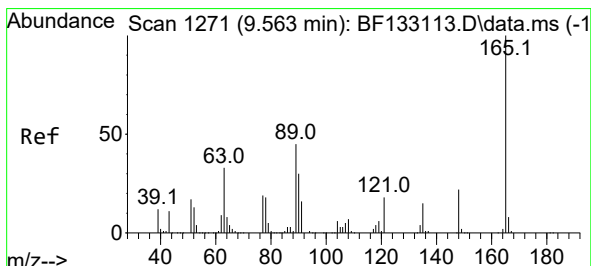
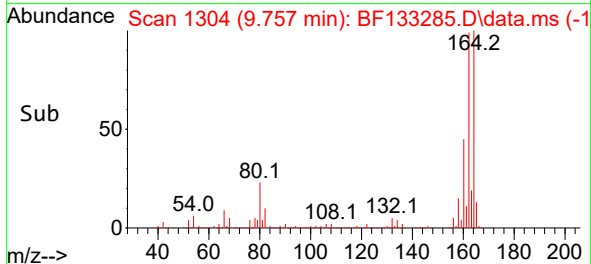
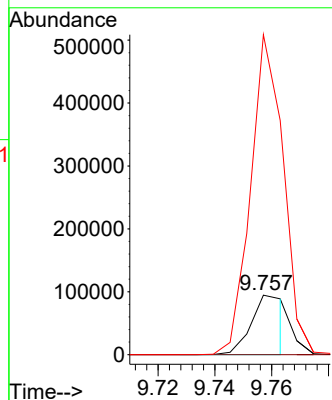
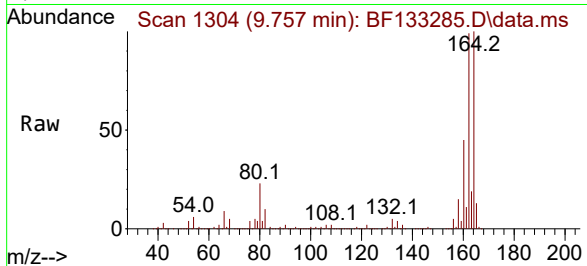




#50
Dimethylphthalate
Concen: 2.717 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

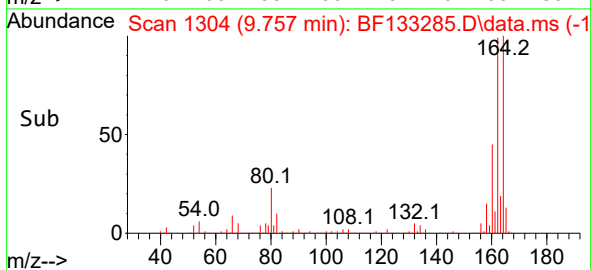
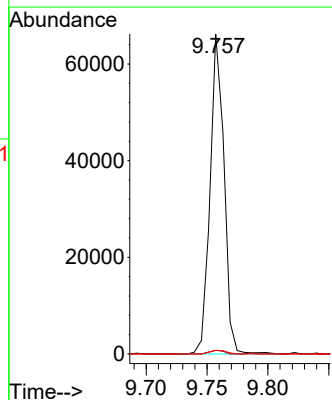
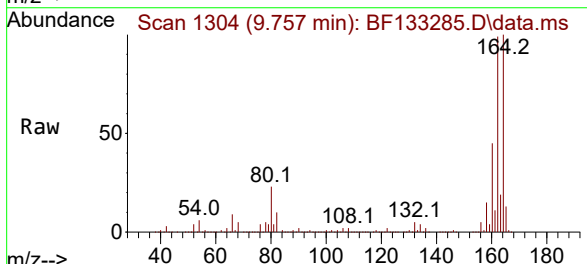
Instrument :
BNA_F
ClientSampleId :
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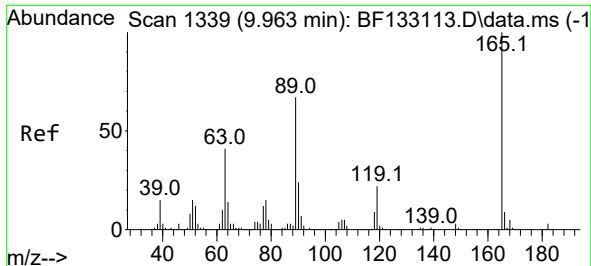
Tgt Ion:163 Resp: 77674
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 538.3 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.195 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

Tgt Ion:165 Resp: 52727
Ion Ratio Lower Upper
165 100
63 1.2 45.9 68.9#
89 1.1 44.0 66.0#

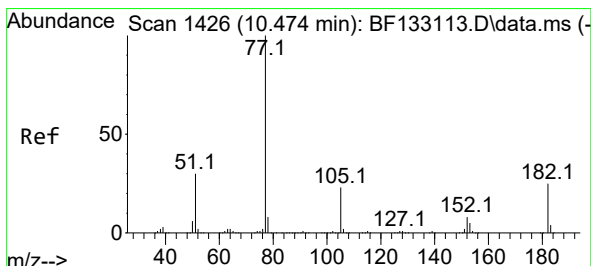
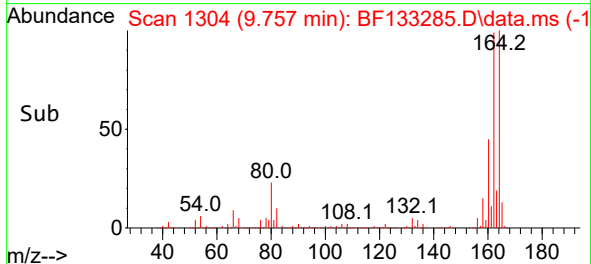
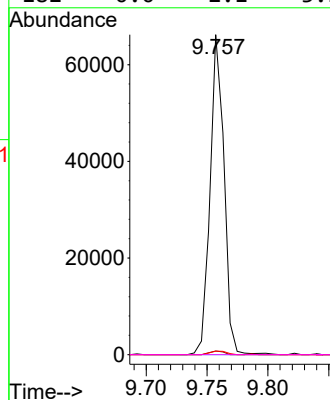
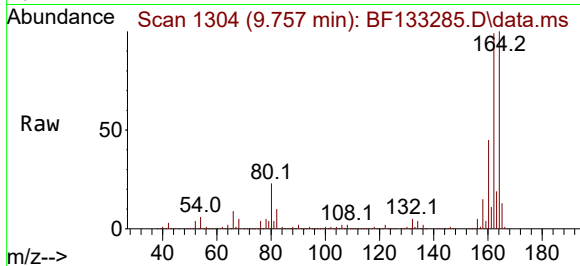




#57
2,4-Dinitrotoluene
Concen: 6.426 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

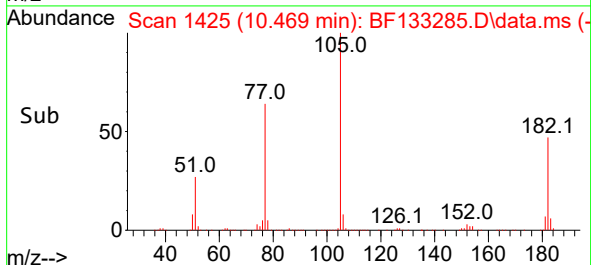
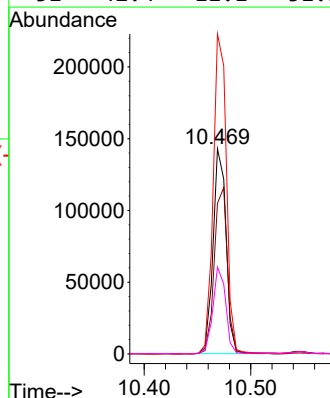
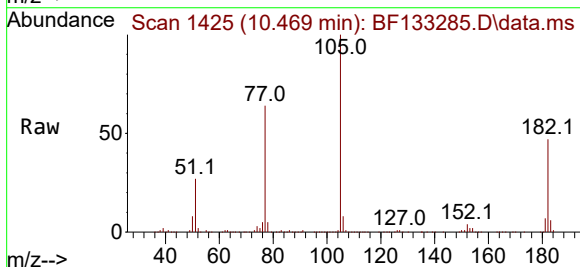
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BNA_F
ClientSampleId :
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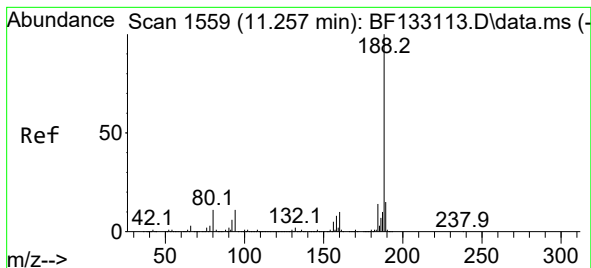
Tgt Ion:165 Resp: 52727
Ion Ratio Lower Upper
165 100
63 1.2 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 4.222 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

Tgt Ion: 77 Resp: 120764
Ion Ratio Lower Upper
77 100
182 73.4 5.9 45.9#
105 156.0 2.3 42.3#
51 42.4 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133285.D

Acq: 06 May 2023 02:36

Instrument :

BNA_F

ClientSampleId :

WZ-2A

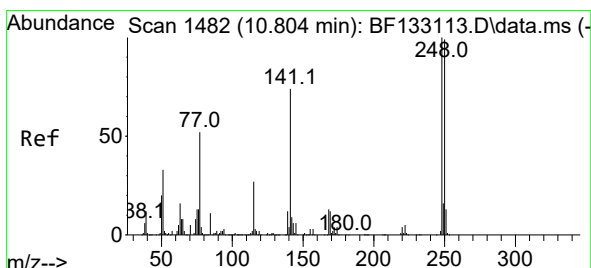
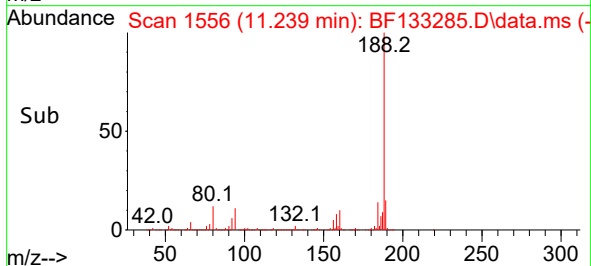
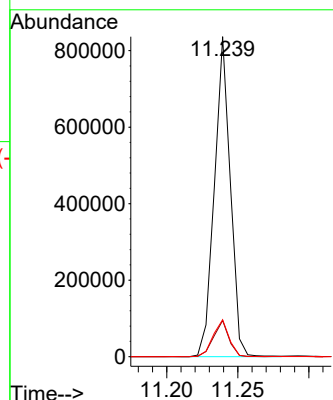
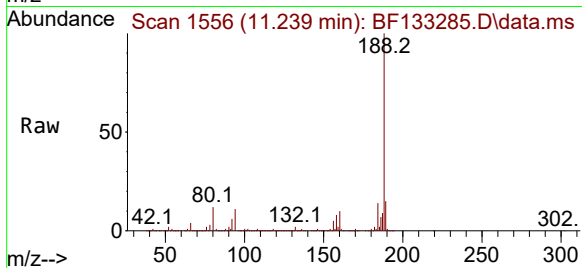
Tgt Ion:188 Resp: 653980

Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 11.6 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 2.903 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF133285.D

Acq: 06 May 2023 02:36

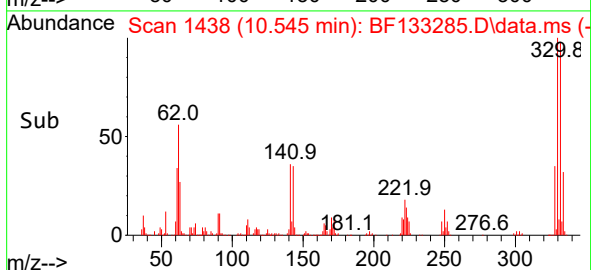
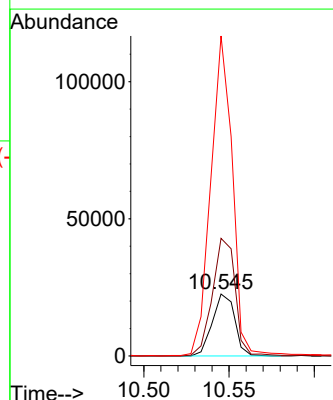
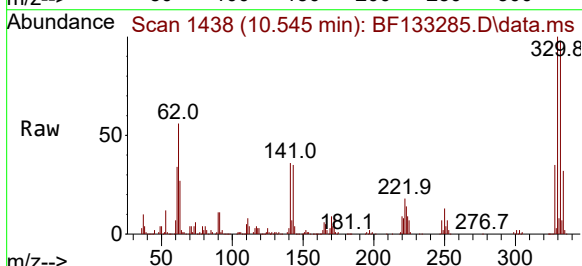
Tgt Ion:248 Resp: 20591

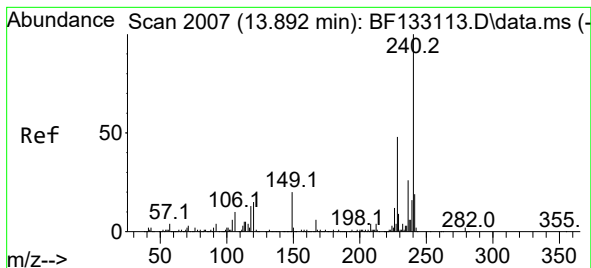
Ion Ratio Lower Upper

248 100

250 189.8 78.7 118.1#

141 516.6 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133285.D

Acq: 06 May 2023 02:36

Instrument :

BNA_F

ClientSampleId :

WZ-2A

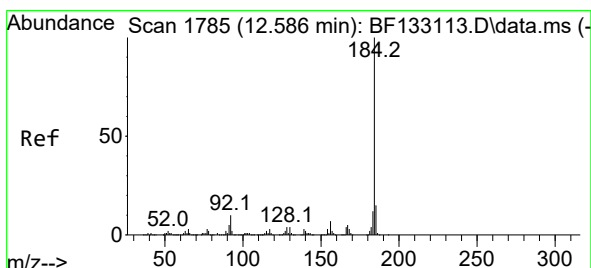
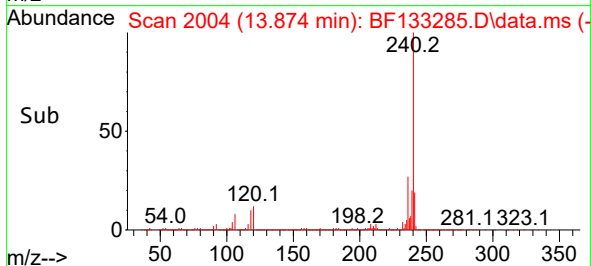
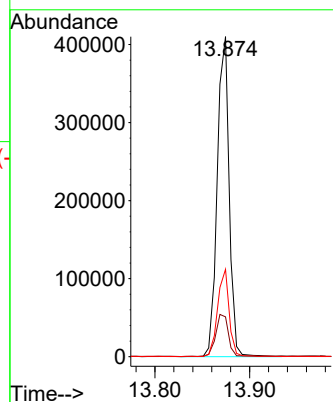
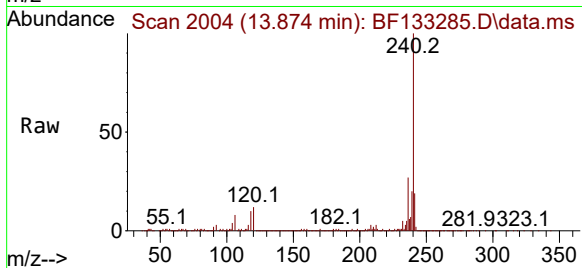
Tgt Ion:240 Resp: 360891

Ion Ratio Lower Upper

240 100

120 12.4 10.5 15.7

236 27.3 21.5 32.3



#77

Benzidine

Concen: 2.572 ng

RT: 12.827 min Scan# 1826

Delta R.T. 0.253 min

Lab File: BF133285.D

Acq: 06 May 2023 02:36

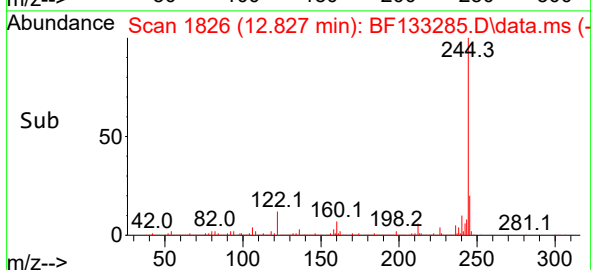
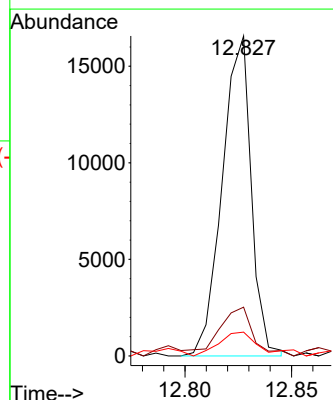
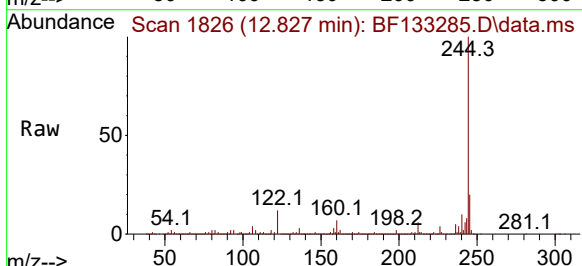
Tgt Ion:184 Resp: 15698

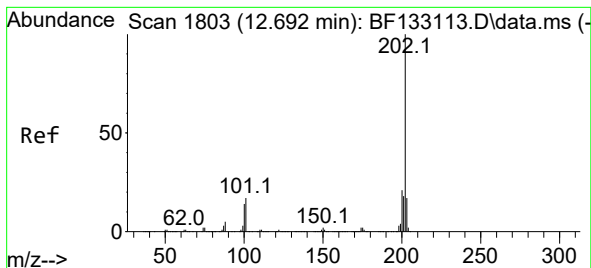
Ion Ratio Lower Upper

184 100

185 15.2 15.4 23.2#

183 7.4 9.4 14.0#





#78

Pyrene

Concen: 2.097 ng

RT: 12.675 min Scan# 1800

Delta R.T. -0.012 min

Lab File: BF133285.D

Acq: 06 May 2023 02:36

Instrument :

BNA_F

ClientSampleId :

WZ-2A

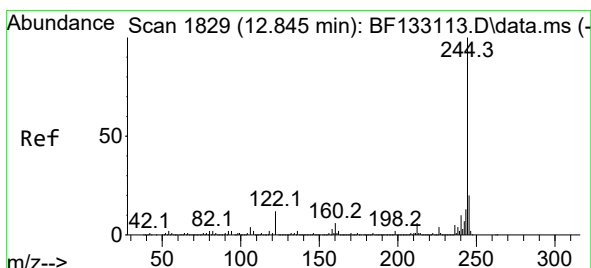
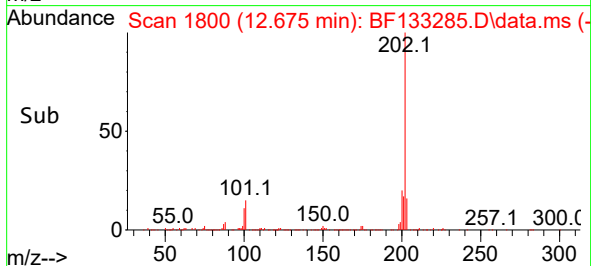
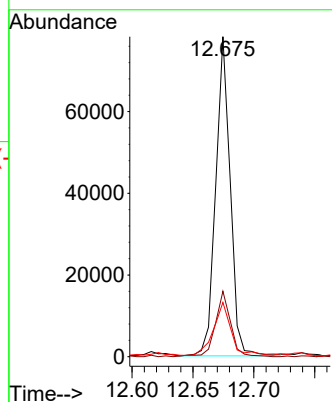
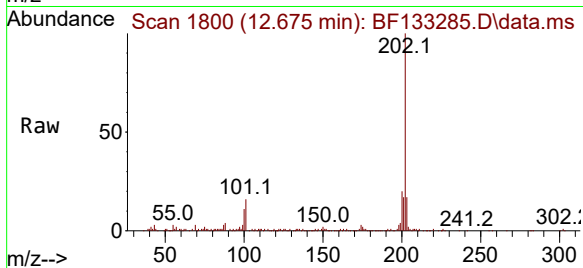
Tgt Ion:202 Resp: 64864

Ion Ratio Lower Upper

202 100

200 20.5 17.1 25.7

203 17.0 14.1 21.1



#79

Terphenyl-d14

Concen: 59.044 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF133285.D

Acq: 06 May 2023 02:36

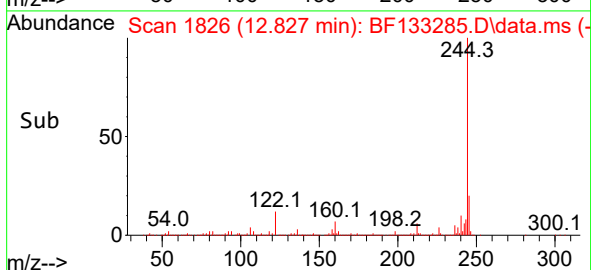
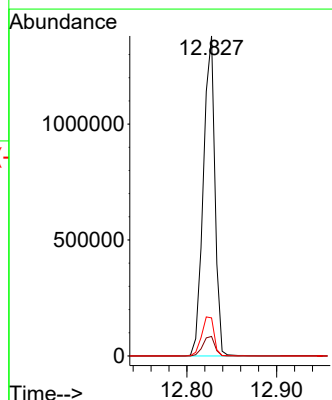
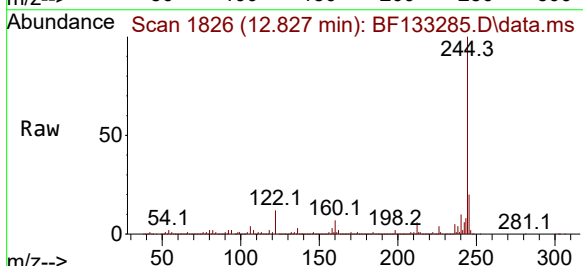
Tgt Ion:244 Resp: 1235521

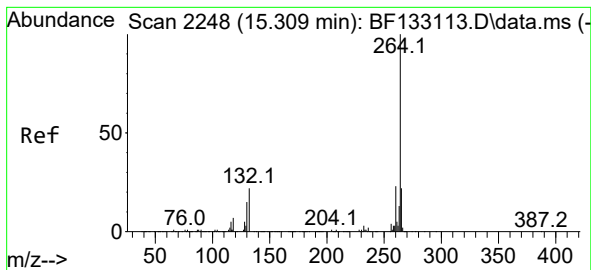
Ion Ratio Lower Upper

244 100

212 6.1 5.1 7.7

122 11.9 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

Instrument :
BNA_F
ClientSampleId :
WZ-2A

Tgt Ion:264 Resp: 381412
Ion Ratio Lower Upper
264 100
260 25.4 18.8 28.2
265 22.9 17.0 25.4

