

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133330.D
 Acq On : 10 May 2023 14:55
 Operator : CG\JU
 Sample : 02719-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04_0-2_20230509

Quant Time: May 10 15:50:43 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)

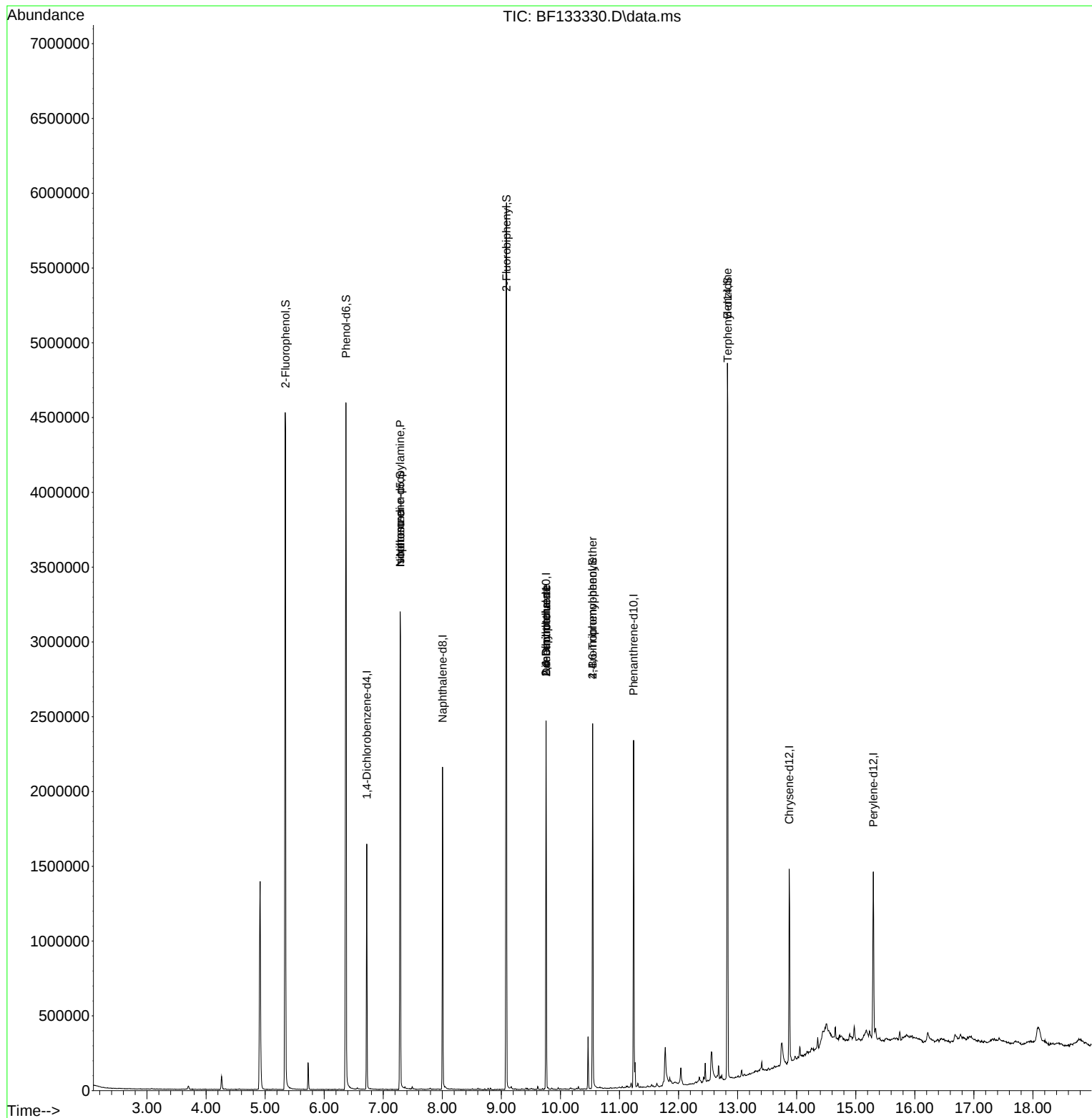
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	208813	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	865945	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	455186	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	797371	20.000	ng	0.00
76) Chrysene-d12	13.874	240	414677	20.000	ng	0.00
86) Perylene-d12	15.298	264	470685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1455342	105.283	ng	0.02
7) Phenol-d6	6.369	99	1760187	102.591	ng	0.00
23) Nitrobenzene-d5	7.287	82	1104123	68.823	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	269946	58.969	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1831538	67.317	ng	0.00
79) Terphenyl-d14	12.833	244	1841911	76.606	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.275	77	290	Below Cal	#	49
19) n-Nitroso-di-n-propyla...	7.287	70	144400	13.519	ng	# 79
25) Isophorone	7.287	82	1101241	36.154	ng	# 63
50) Dimethylphthalate	9.757	163	89035	2.805	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	57979	8.116	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	57979	6.364	ng	# 24
67) 4-Bromophenyl-phenylether	10.545	248	17324	2.003	ng	# 1
77) Benzidine	12.827	184	22758	3.245	ng	# 90

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

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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

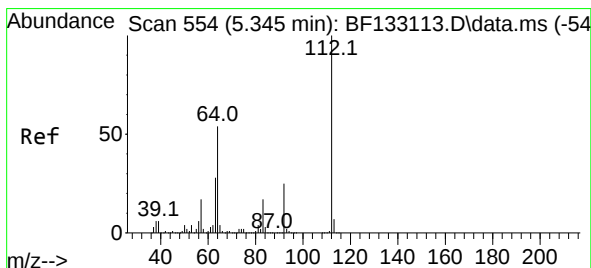
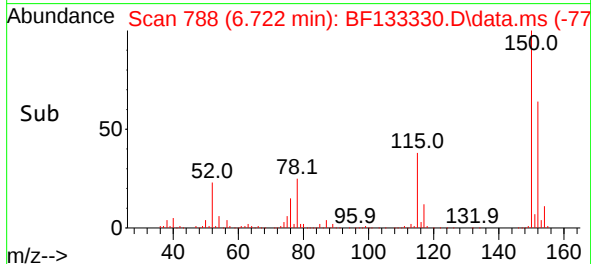
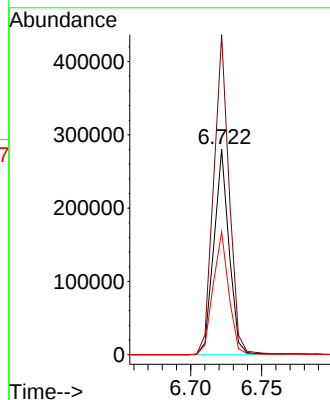
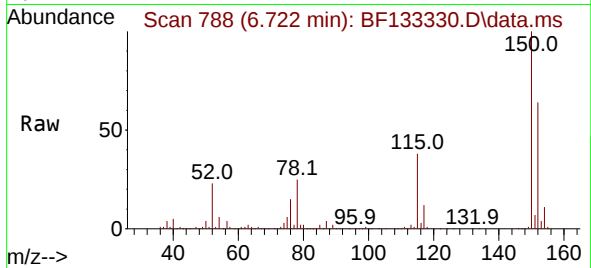




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133330.D
 Acq: 10 May 2023 14:55

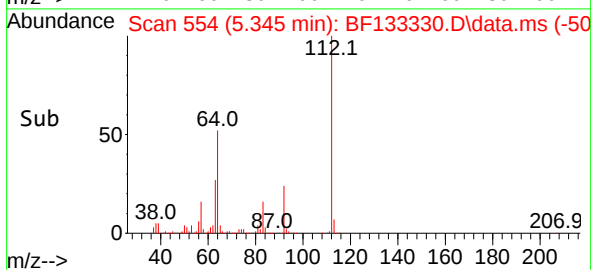
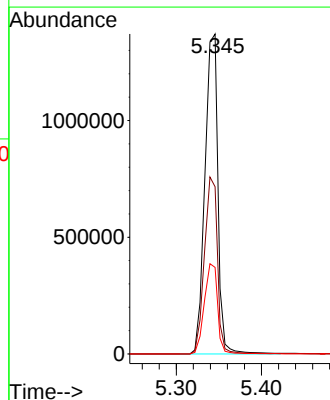
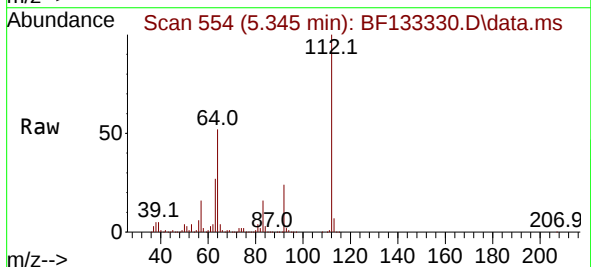
Instrument :
 BNA_F
 ClientSampleId :
 SB-04_0-2_20230509

Tgt Ion:152 Resp: 208813
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.8 187.2
 115 59.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 105.283 ng
 RT: 5.345 min Scan# 554
 Delta R.T. 0.018 min
 Lab File: BF133330.D
 Acq: 10 May 2023 14:55

Tgt Ion:112 Resp: 1455342
 Ion Ratio Lower Upper
 112 100
 64 52.2 46.8 70.2
 63 27.0 23.8 35.8

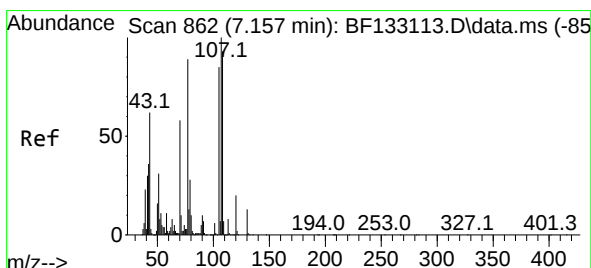
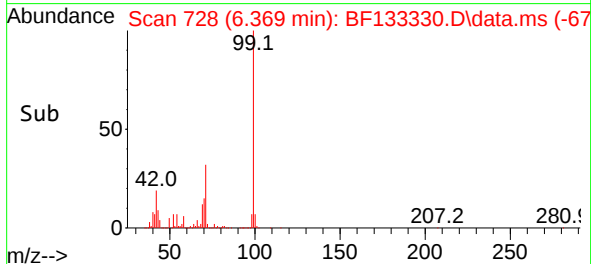
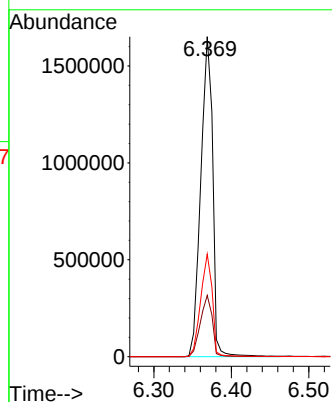
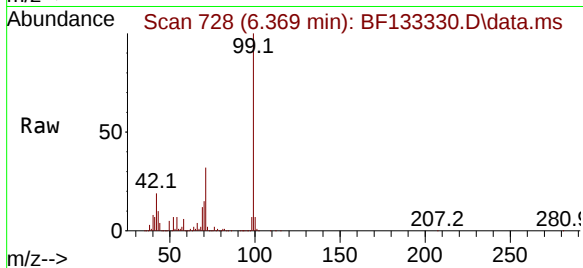




#7
Phenol-d6
Concen: 102.591 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

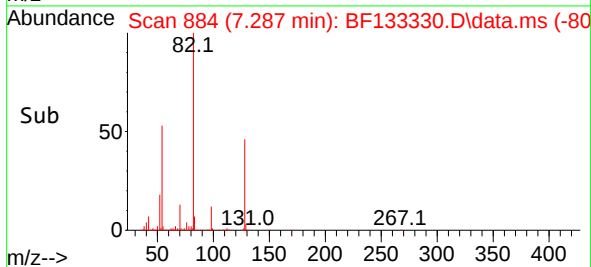
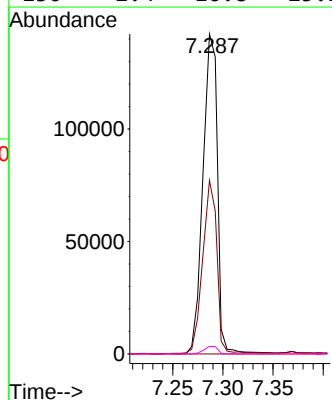
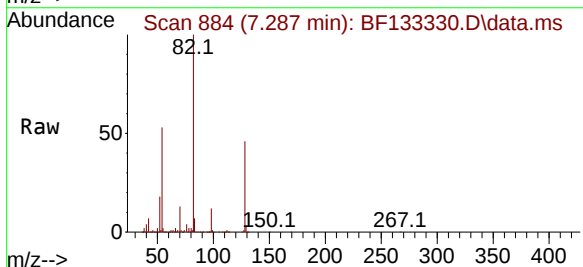
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509

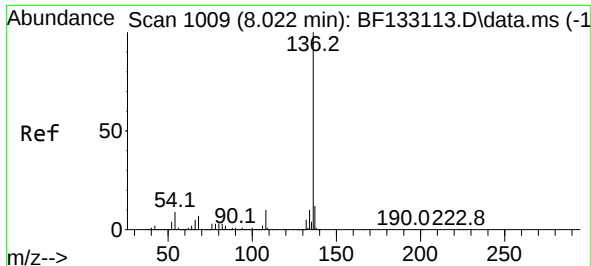
Tgt Ion: 99 Resp: 1760187
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 32.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.519 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

Tgt Ion: 70 Resp: 144400
Ion Ratio Lower Upper
70 100
42 54.3 51.8 77.6
101 0.0 8.0 12.0#
130 2.4 16.8 25.2#

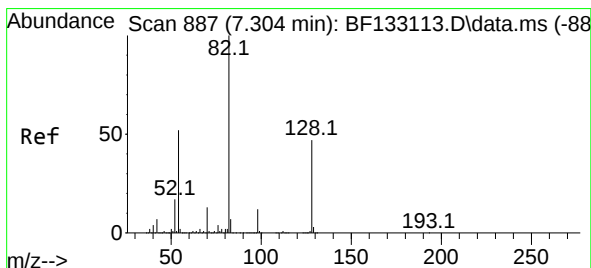
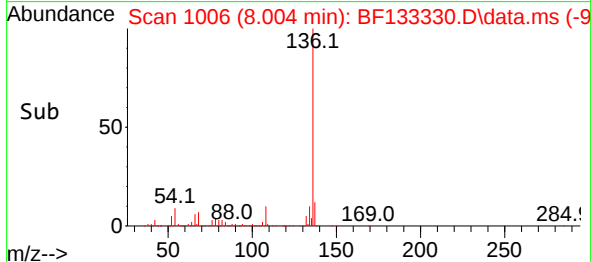
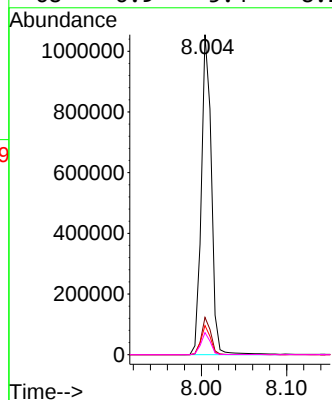
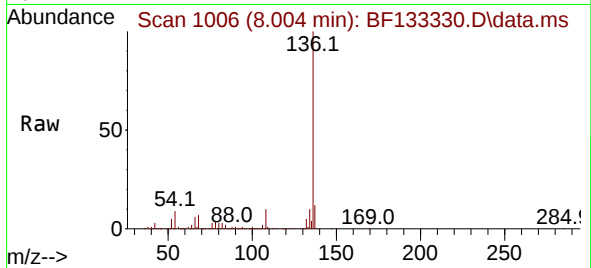




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

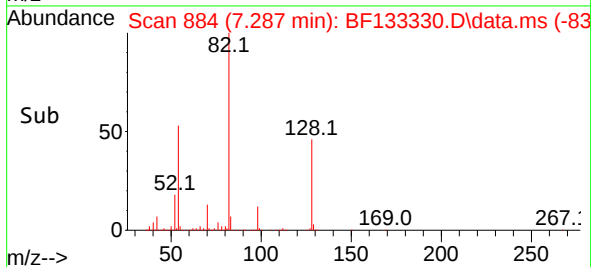
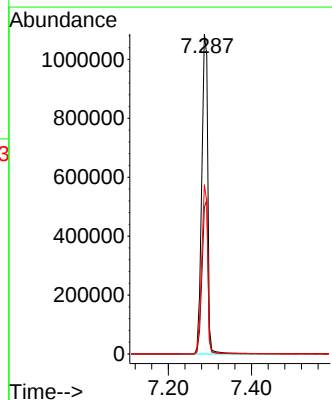
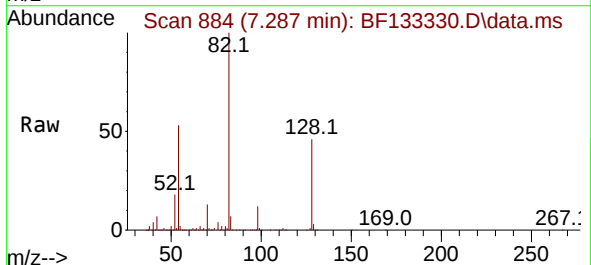
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509

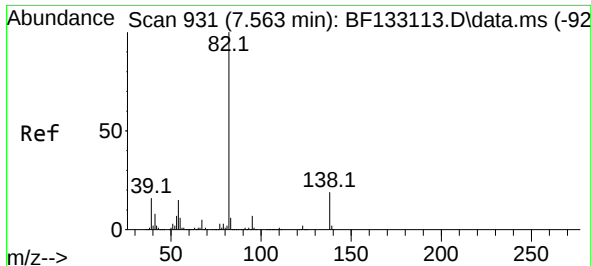
Tgt Ion:136 Resp: 865945
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 9.1 7.0 10.4
68 6.9 5.4 8.2



#23
Nitrobenzene-d5
Concen: 68.823 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

Tgt Ion: 82 Resp: 1104123
Ion Ratio Lower Upper
82 100
128 45.9 37.7 56.5
54 52.9 43.0 64.4





#25

Isophorone

Concen: 36.154 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.265 min

Lab File: BF133330.D

Acq: 10 May 2023 14:55

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509

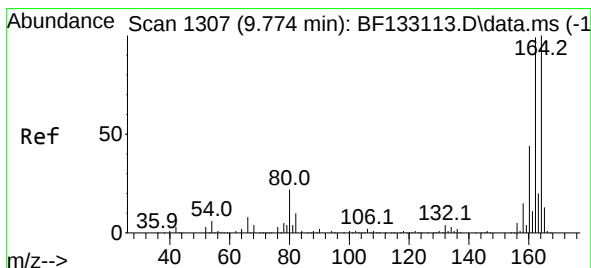
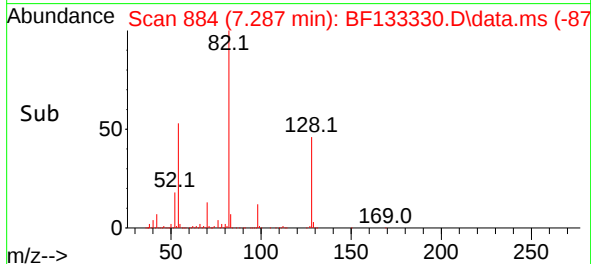
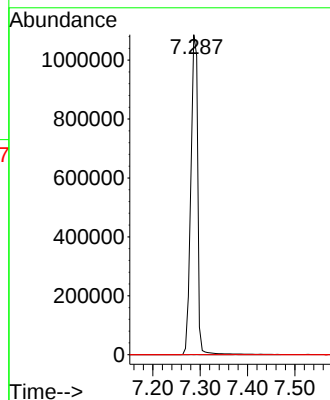
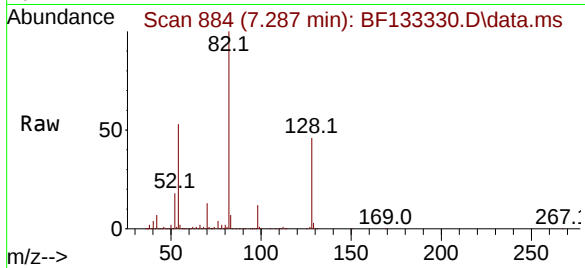
Tgt Ion: 82 Resp: 1101241

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: BF133330.D

Acq: 10 May 2023 14:55

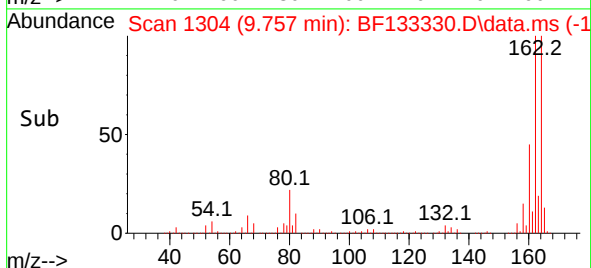
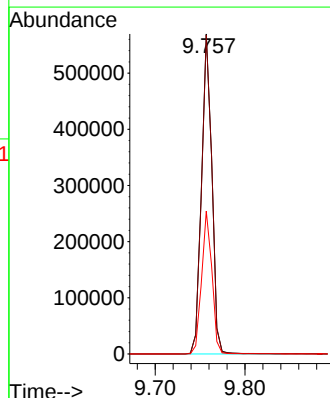
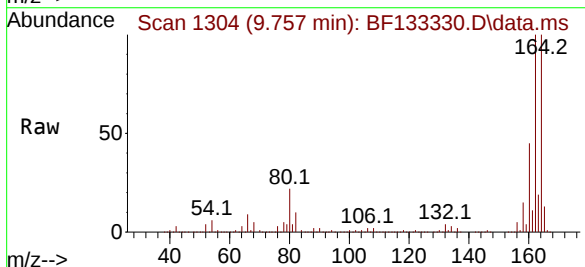
Tgt Ion: 164 Resp: 455186

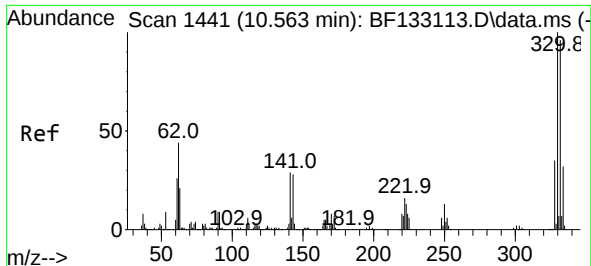
Ion Ratio Lower Upper

164 100

162 99.7 78.7 118.1

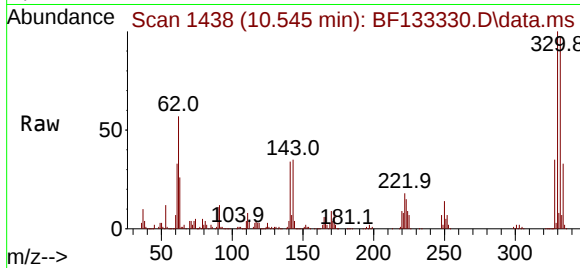
160 44.6 35.8 53.6



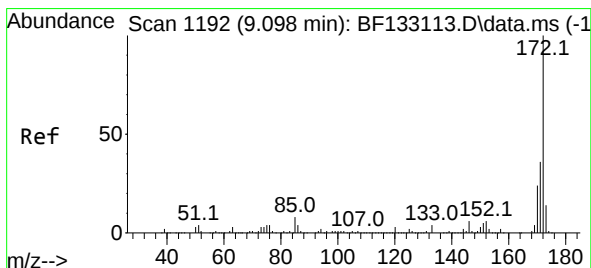
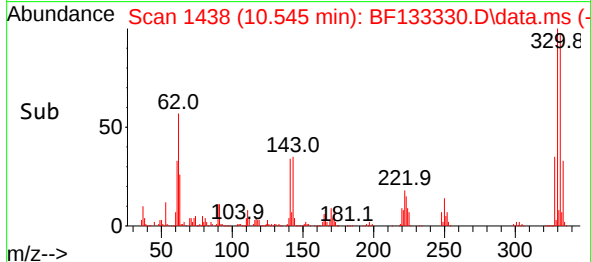
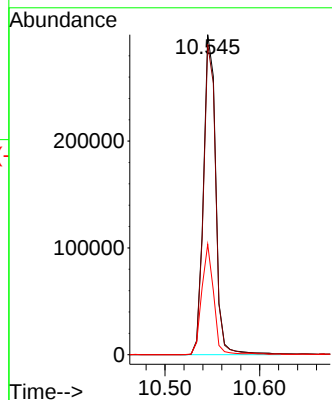


#42
 2,4,6-Tribromophenol
 Concen: 58.969 ng
 RT: 10.545 min Scan# 1441
 Delta R.T. -0.006 min
 Lab File: BF133330.D
 Acq: 10 May 2023 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-04_0-2_20230509

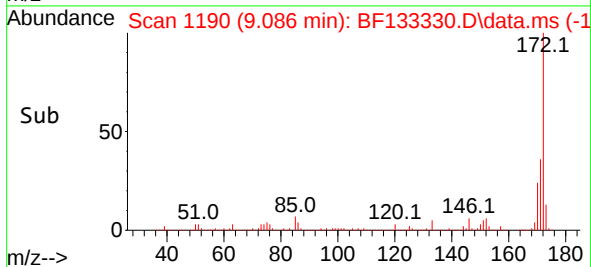
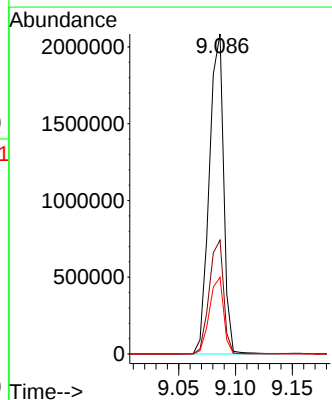
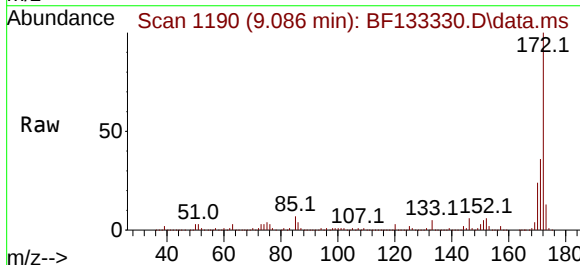


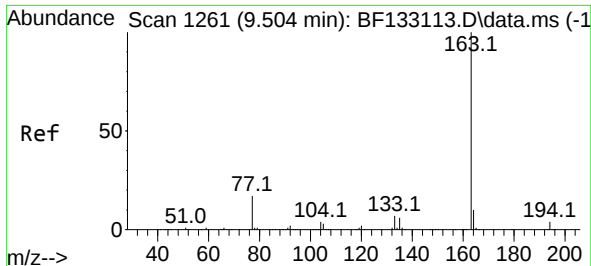
Tgt Ion:330 Resp: 269946
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.1 115.7
 141 34.0 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 67.317 ng
 RT: 9.086 min Scan# 1190
 Delta R.T. 0.000 min
 Lab File: BF133330.D
 Acq: 10 May 2023 14:55

Tgt Ion:172 Resp: 1831538
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.8 43.2
 170 23.9 19.4 29.2

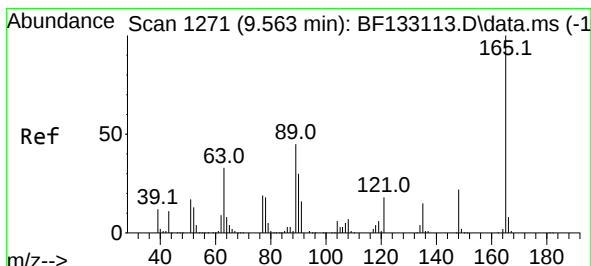
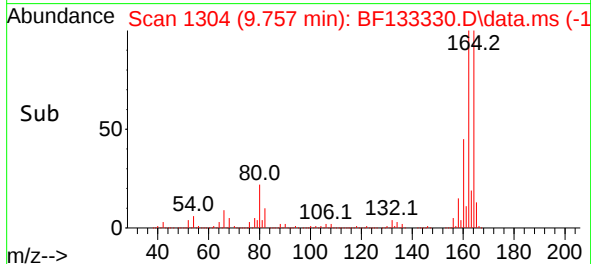
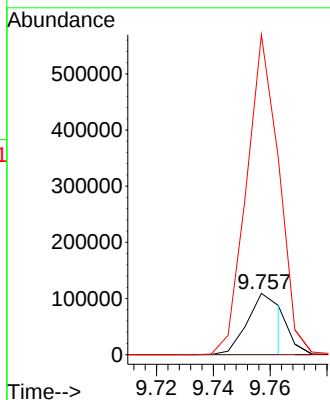
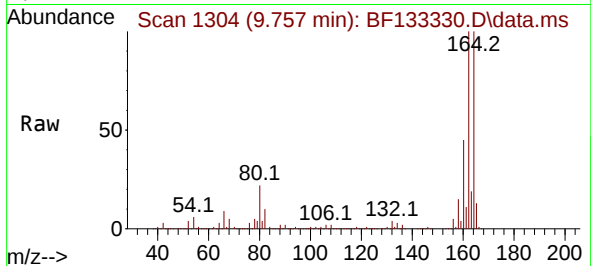




#50
Dimethylphthalate
Concen: 2.805 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

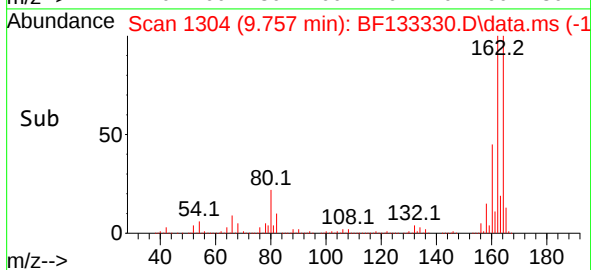
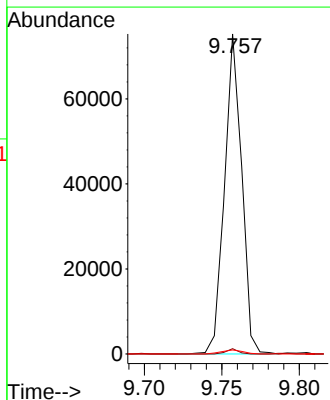
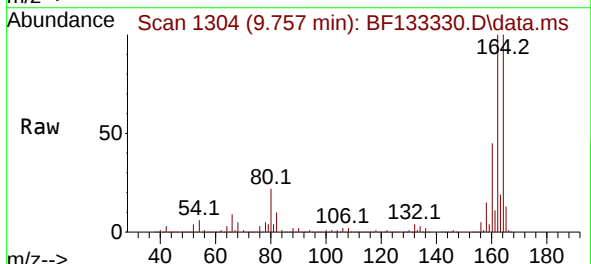
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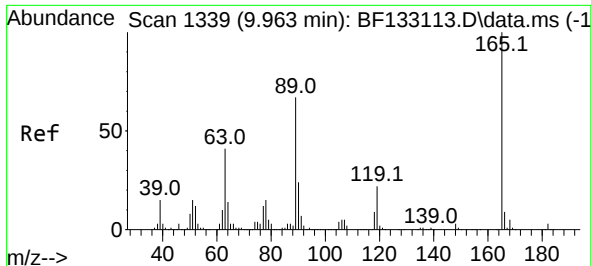
Tgt Ion:163 Resp: 89035
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 522.2 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.116 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

Tgt Ion:165 Resp: 57979
Ion Ratio Lower Upper
165 100
63 1.7 45.9 68.9#
89 1.3 44.0 66.0#

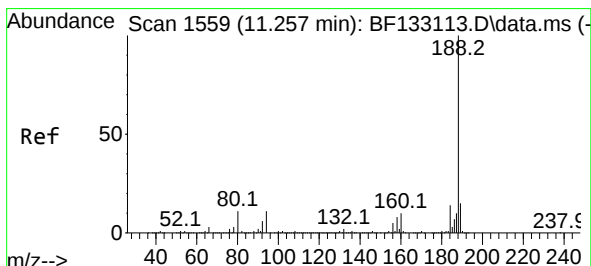
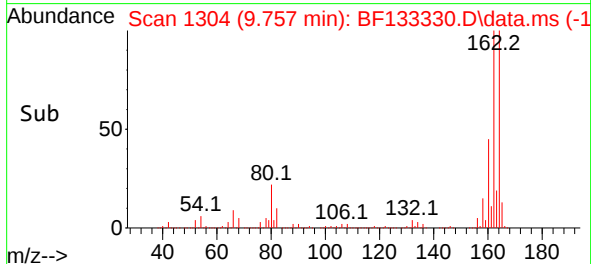
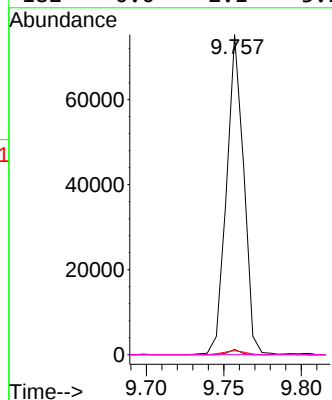
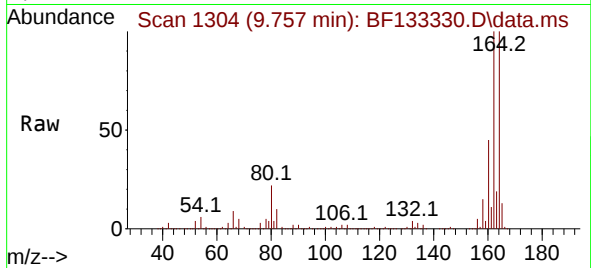




#57
2,4-Dinitrotoluene
Concen: 6.364 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

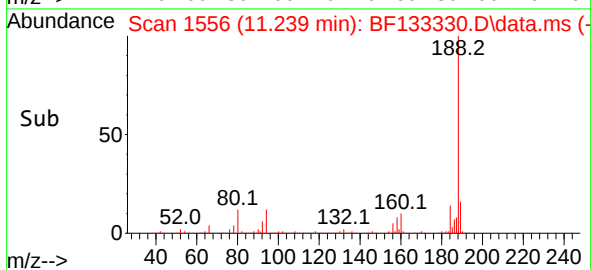
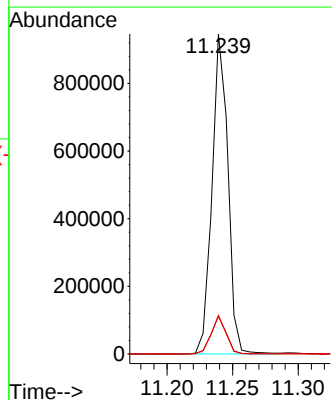
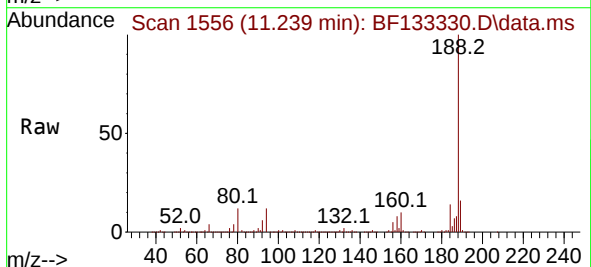
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509

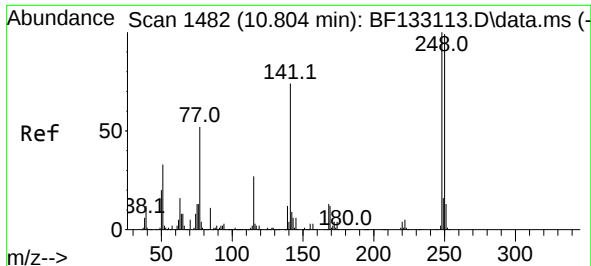
Tgt Ion:165 Resp: 57979
Ion Ratio Lower Upper
165 100
63 1.7 37.7 56.5#
89 1.3 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

Tgt Ion:188 Resp: 797371
Ion Ratio Lower Upper
188 100
94 11.8 9.7 14.5
80 12.1 10.4 15.6

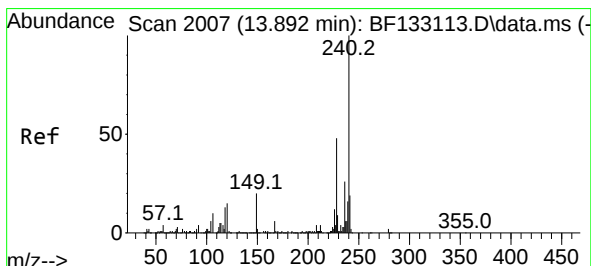
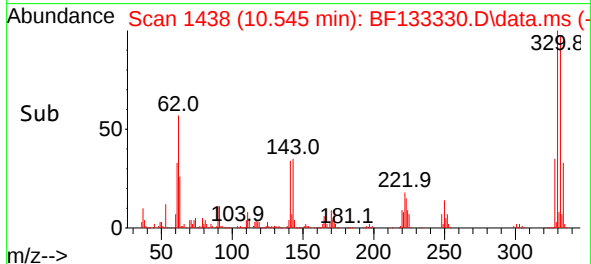
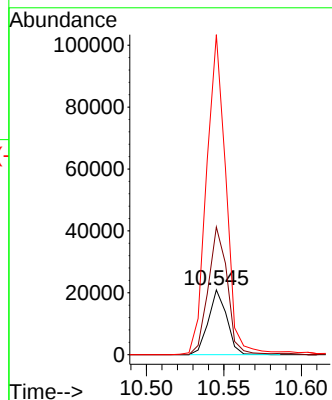
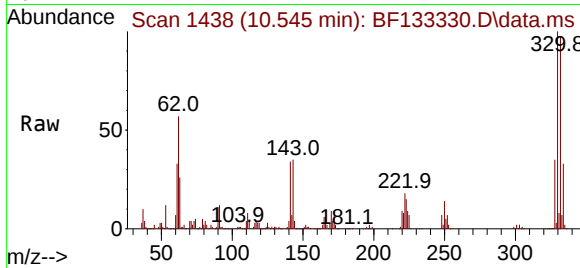




#67
4-Bromophenyl-phenylether
Concen: 2.003 ng
RT: 10.545 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

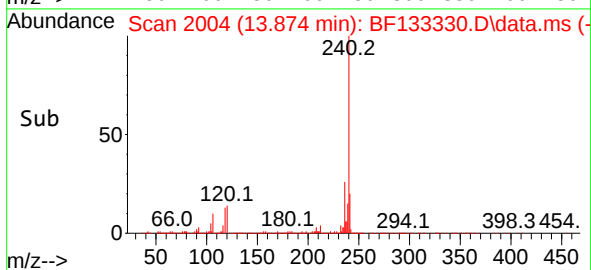
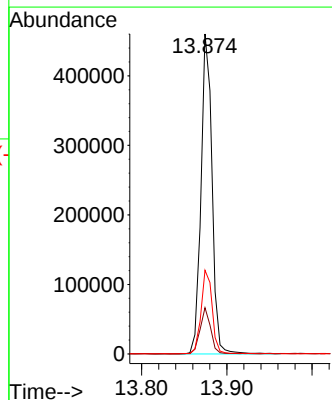
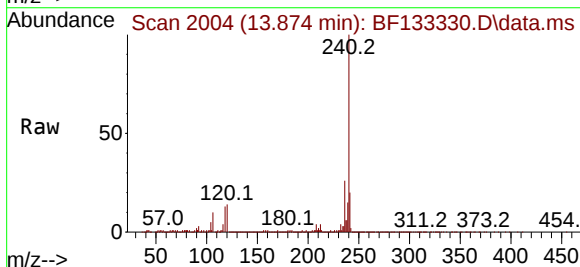
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509

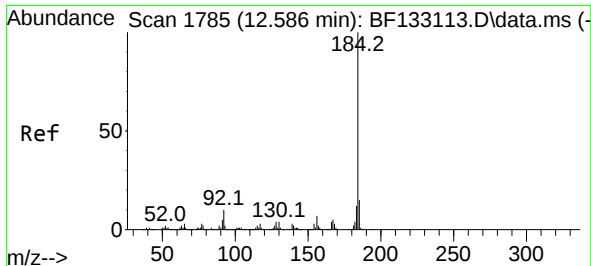
Tgt Ion:248 Resp: 17324
Ion Ratio Lower Upper
248 100
250 197.2 78.7 118.1#
141 494.3 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

Tgt Ion:240 Resp: 414677
Ion Ratio Lower Upper
240 100
120 14.5 10.5 15.7
236 26.2 21.5 32.3

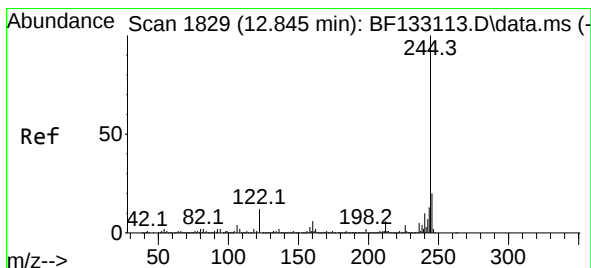
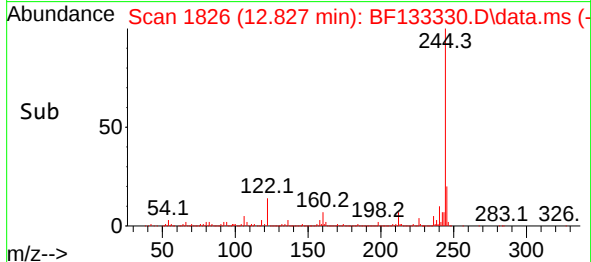
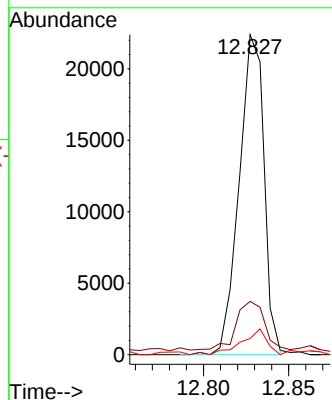
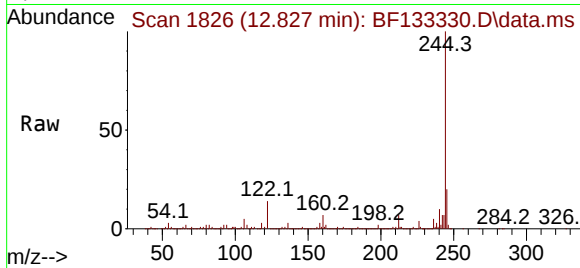




#77
Benzidine
Concen: 3.245 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.253 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

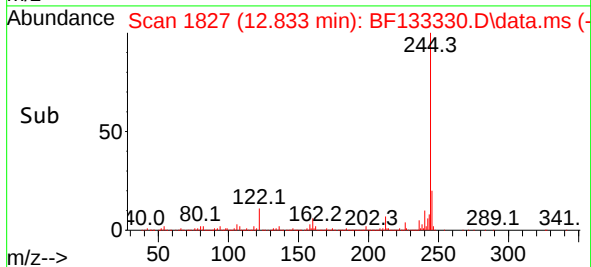
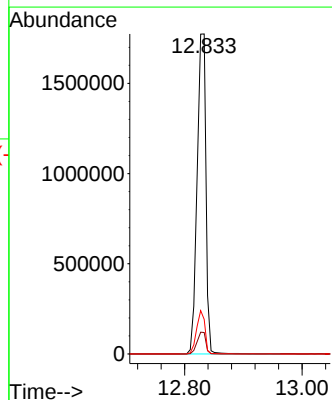
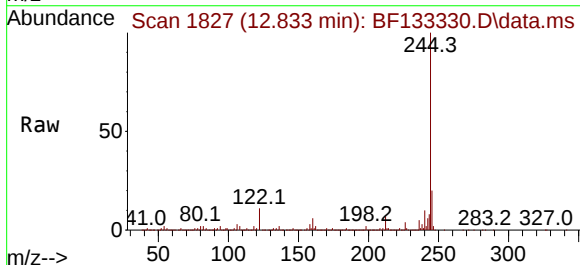
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509

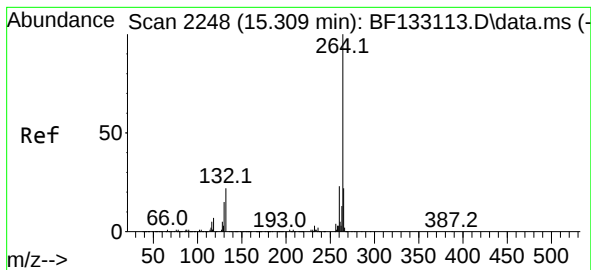
Tgt Ion:184 Resp: 22758
Ion Ratio Lower Upper
184 100
185 16.7 15.4 23.2
183 5.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 76.606 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

Tgt Ion:244 Resp: 1841911
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 10.8 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133330.D

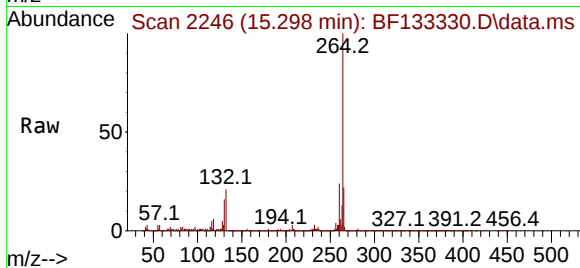
Acq: 10 May 2023 14:55

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509



Tgt Ion:264 Resp: 470685

Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 22.3 17.0 25.4

