

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135344.D
 Acq On : 19 Sep 2023 20:01
 Operator : CG\JU
 Sample : 04460-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-1-LEFT-SIDE

Quant Time: Sep 20 01:38:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

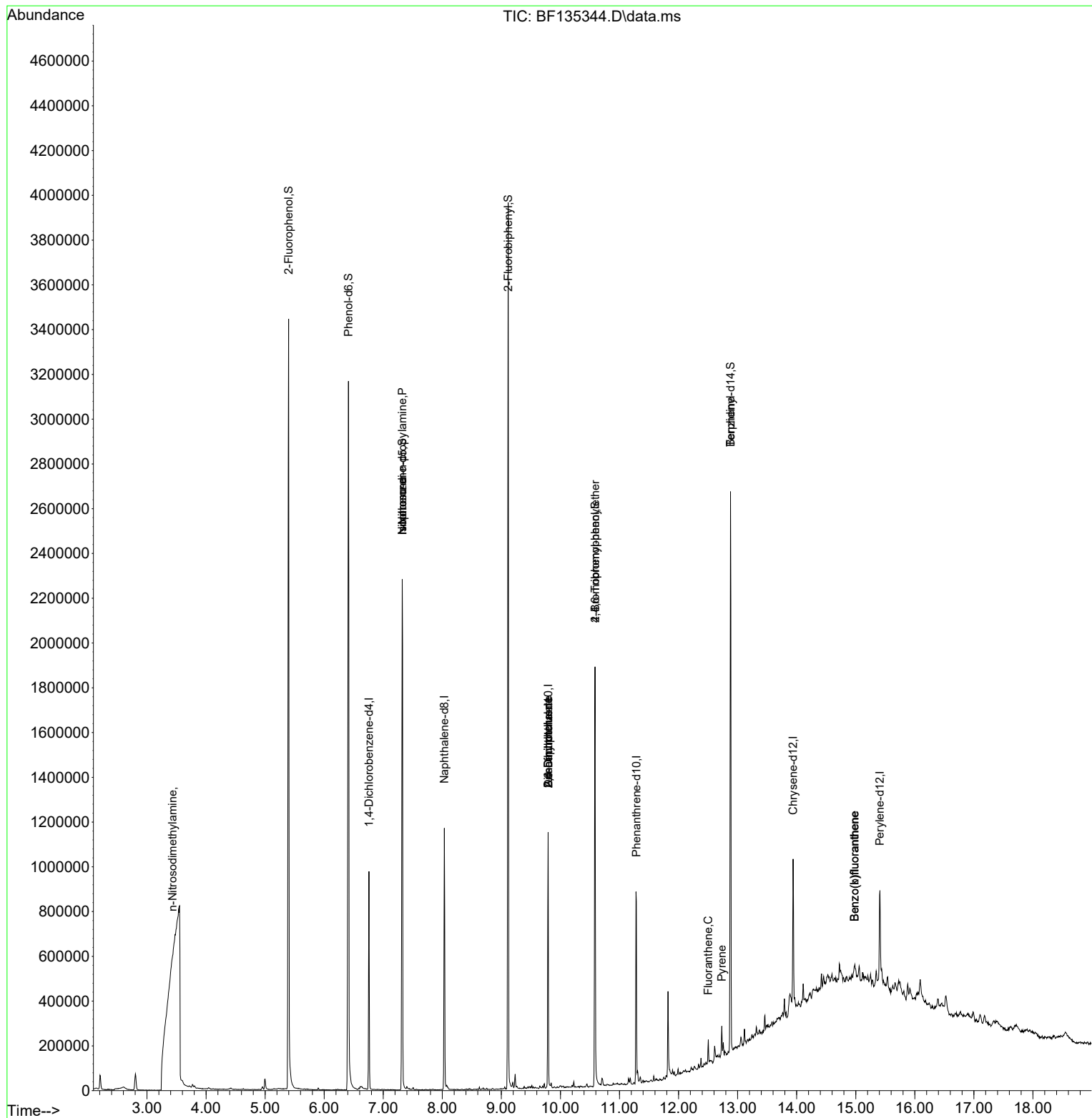
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	131394	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	481359	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	210037	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	340697	20.000	ng	0.00
76) Chrysene-d12	13.939	240	226554	20.000	ng	0.00
86) Perylene-d12	15.410	264	210687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	995187	123.188	ng	0.01
7) Phenol-d6	6.410	99	1254831	122.156	ng	0.00
23) Nitrobenzene-d5	7.322	82	787127	88.840	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	219826	105.318	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1235795	88.769	ng	-0.01
79) Terphenyl-d14	12.880	244	954269	65.296	ng	-0.01
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.434	42	91943	18.178	ng	# 1
19) n-Nitroso-di-n-propyla...	7.322	70	106582	16.751	ng	# 78
25) Isophorone	7.322	82	787120	48.381	ng	# 65
50) Dimethylphthalate	9.792	163	42357	2.983	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	27126	8.720	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	27126	6.965	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	14200	4.191	ng	# 1
75) Fluoranthene	12.504	202	41629	2.479	ng	97
77) Benzidine	12.880	184	13271	2.859	ng	95
78) Pyrene	12.733	202	48392	2.244	ng	97
88) Benzo(b)fluoranthene	14.980	252	32100	2.814	ng	# 66
89) Benzo(k)fluoranthene	14.980	252	32100	2.849	ng	# 67

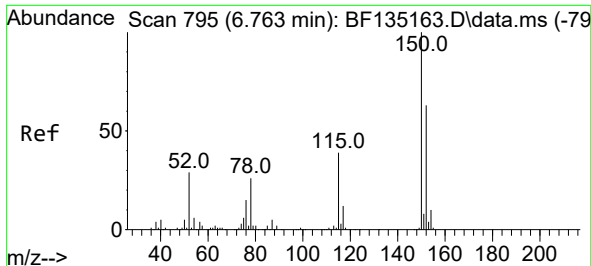
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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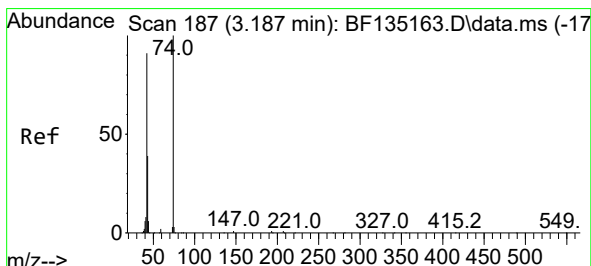
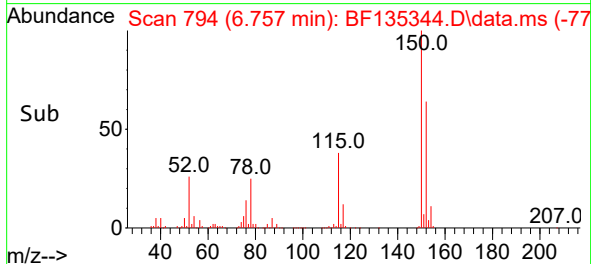
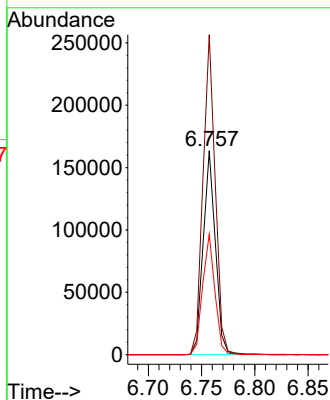
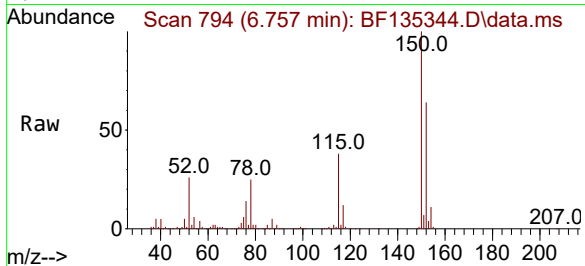




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

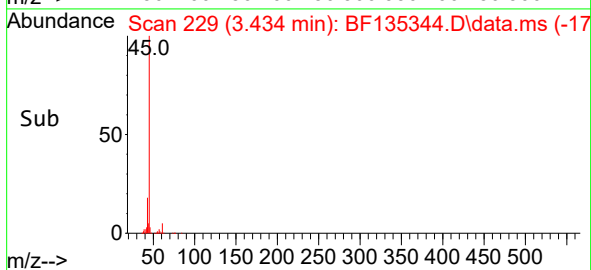
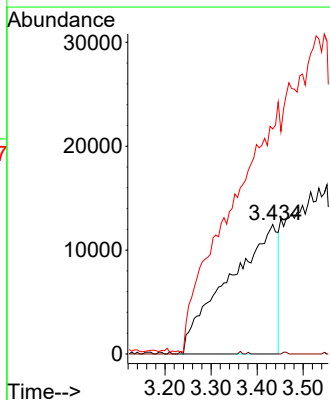
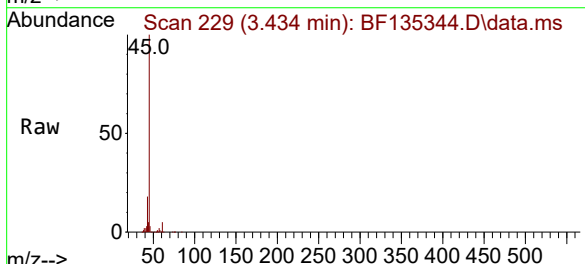
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

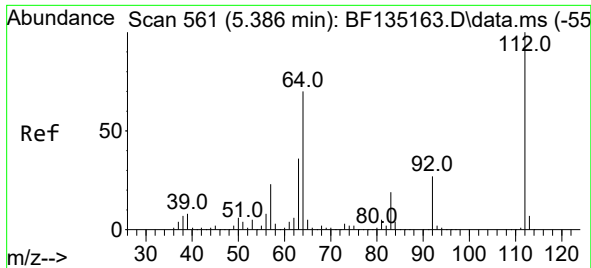
Tgt Ion:152 Resp: 131394
Ion Ratio Lower Upper
152 100
150 156.8 127.8 191.6
115 59.1 49.8 74.8



#4
n-Nitrosodimethylamine
Concen: 18.178 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.247 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

Tgt Ion: 42 Resp: 91943
Ion Ratio Lower Upper
42 100
74 0.0 87.7 131.5#
44 173.8 5.6 8.4#

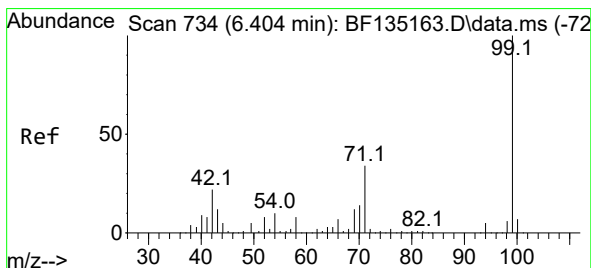
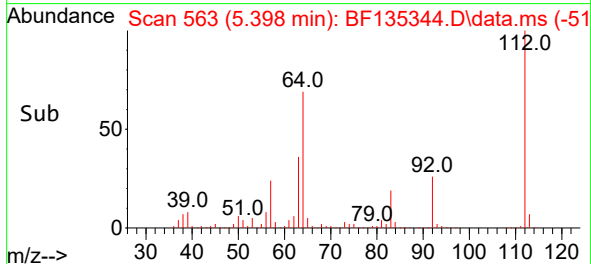
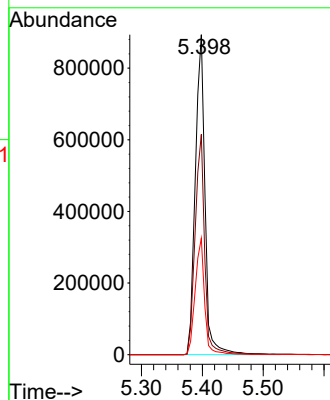
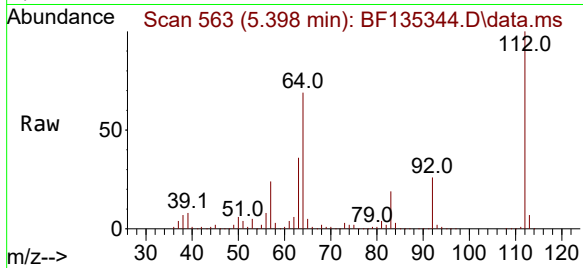




#5
2-Fluorophenol
Concen: 123.188 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

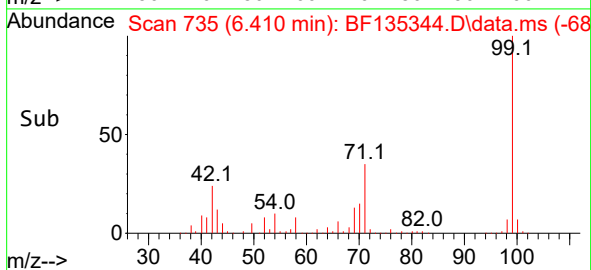
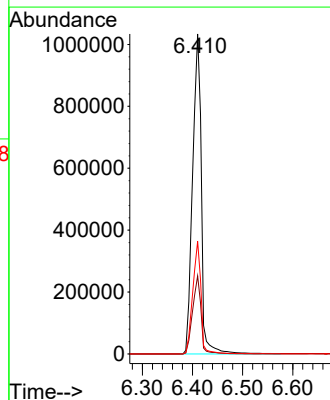
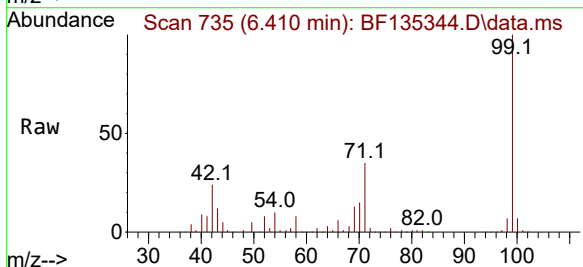
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

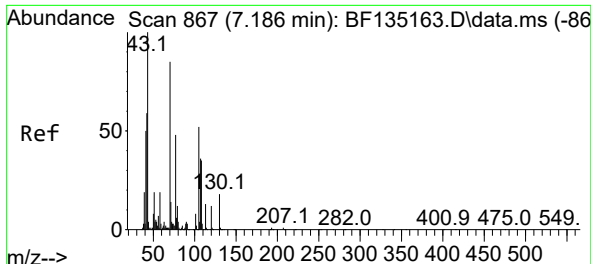
Tgt Ion:112 Resp: 995187
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 36.4 29.0 43.6



#7
Phenol-d6
Concen: 122.156 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

Tgt Ion: 99 Resp: 1254831
Ion Ratio Lower Upper
99 100
42 24.4 17.9 26.9
71 35.2 27.0 40.6





#19

n-Nitroso-di-n-propylamine

Concen: 16.751 ng

RT: 7.322 min Scan# 89

Delta R.T. 0.135 min

Lab File: BF135344.D

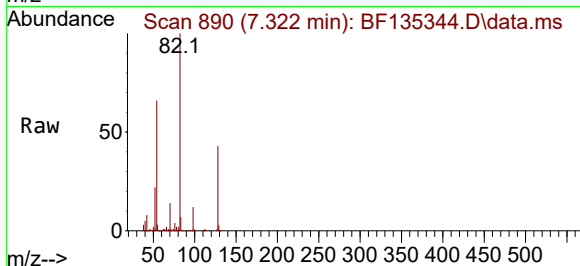
Acq: 19 Sep 2023 20:01

Instrument :

BNA_F

ClientSampleId :

DEL-1-LEFT-SIDE



Tgt Ion: 70 Resp: 106582

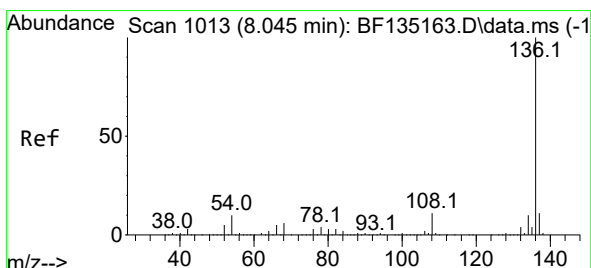
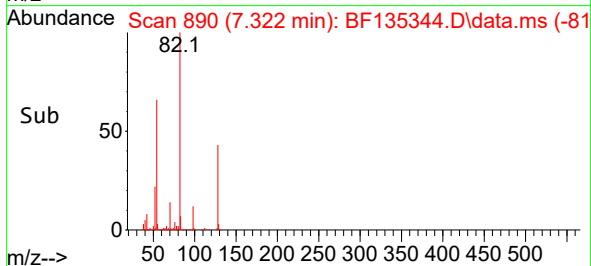
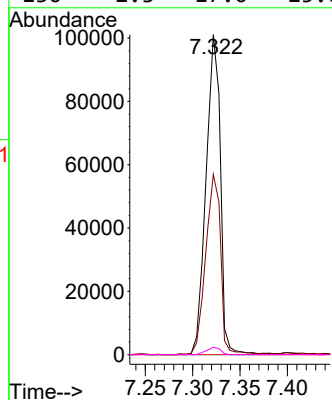
Ion Ratio Lower Upper

70 100

42 56.3 55.4 83.0

101 0.0 7.7 11.5#

130 2.3 17.0 25.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BF135344.D

Acq: 19 Sep 2023 20:01

Tgt Ion: 136 Resp: 481359

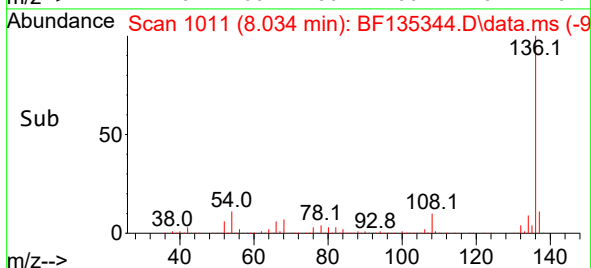
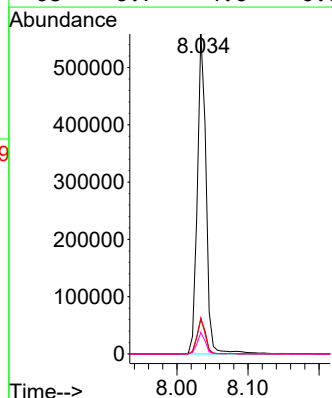
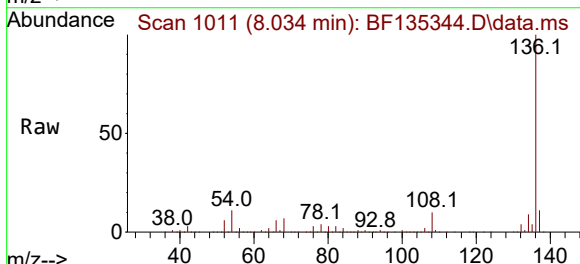
Ion Ratio Lower Upper

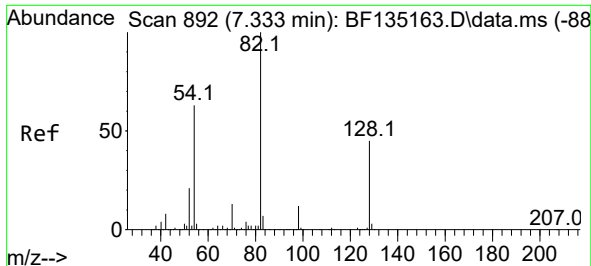
136 100

137 10.8 8.8 13.2

54 11.3 7.7 11.5

68 6.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 88.840 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.012 min

Lab File: BF135344.D

Acq: 19 Sep 2023 20:01

Instrument :

BNA_F

ClientSampleId :

DEL-1-LEFT-SIDE

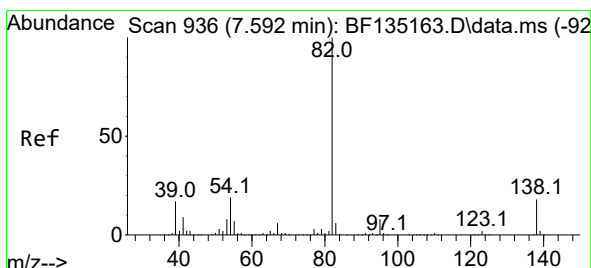
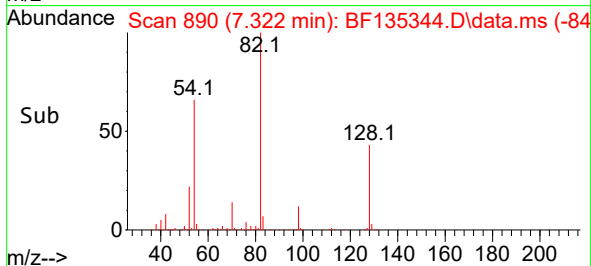
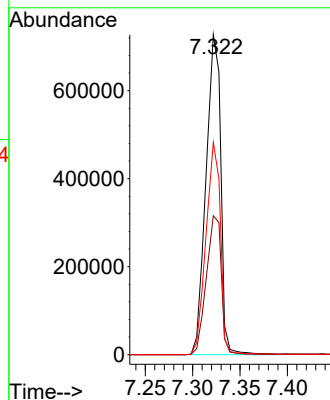
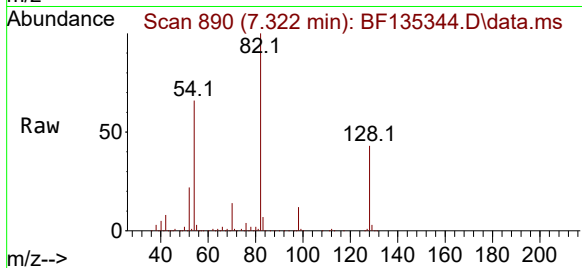
Tgt Ion: 82 Resp: 787127

Ion Ratio Lower Upper

82 100

128 43.4 35.8 53.6

54 66.3 50.6 76.0



#25

Isophorone

Concen: 48.381 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.270 min

Lab File: BF135344.D

Acq: 19 Sep 2023 20:01

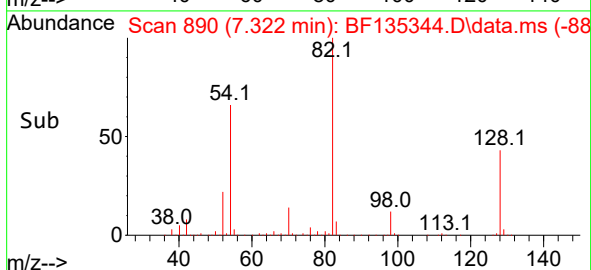
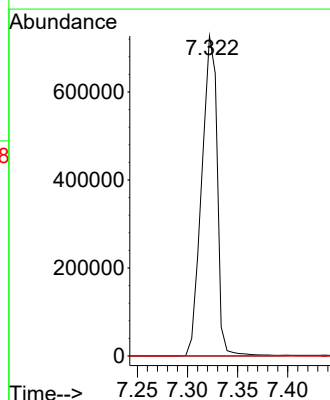
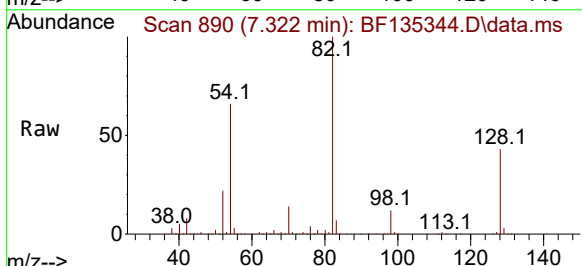
Tgt Ion: 82 Resp: 787120

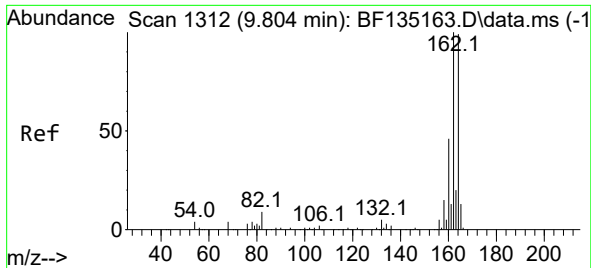
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 14.5 21.7#

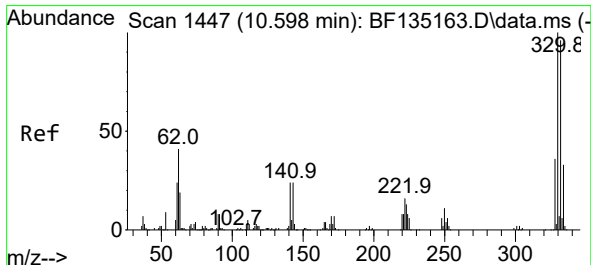
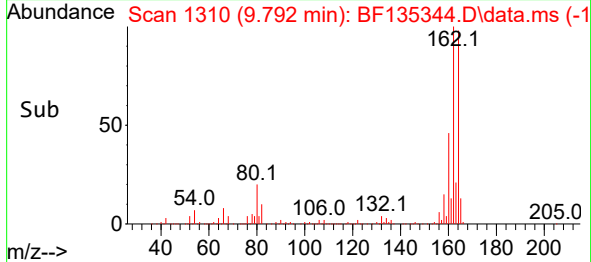
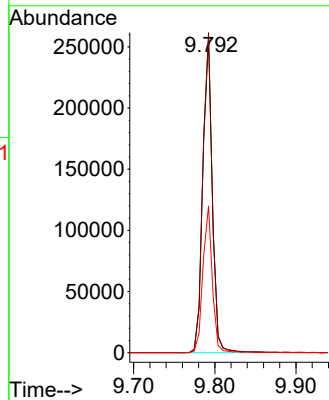
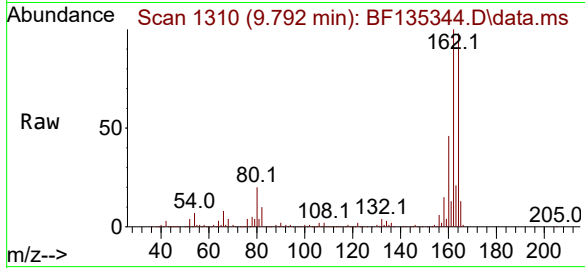




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

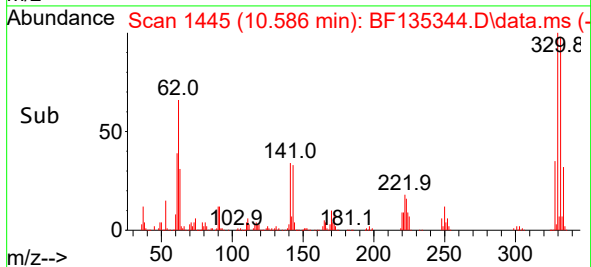
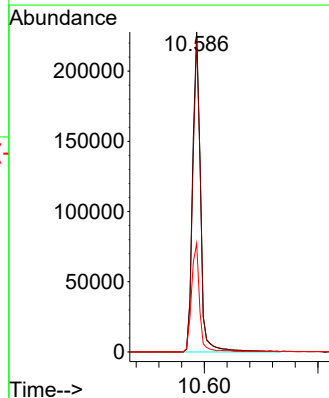
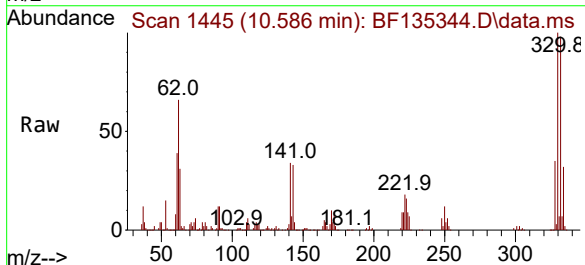
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

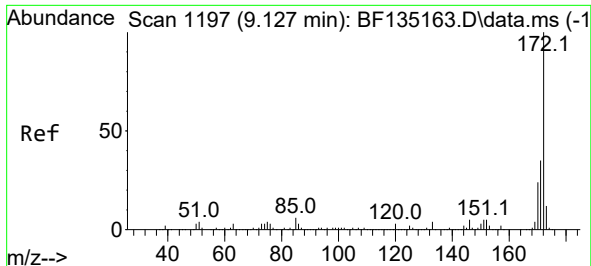
Tgt Ion:164 Resp: 210037
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 46.6 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 105.318 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

Tgt Ion:330 Resp: 219826
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 34.7 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 88.769 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135344.D

Acq: 19 Sep 2023 20:01

Instrument :

BNA_F

ClientSampleId :

DEL-1-LEFT-SIDE

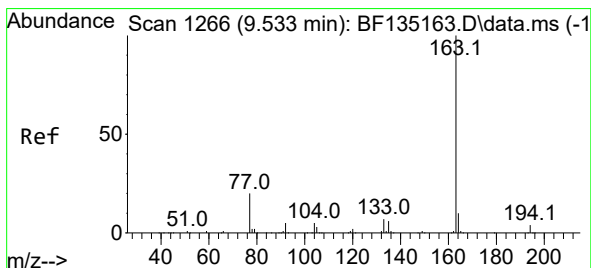
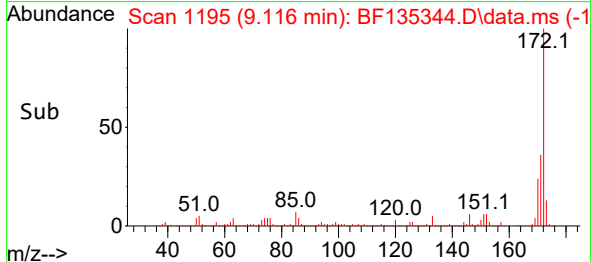
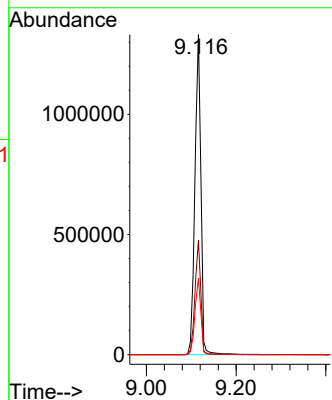
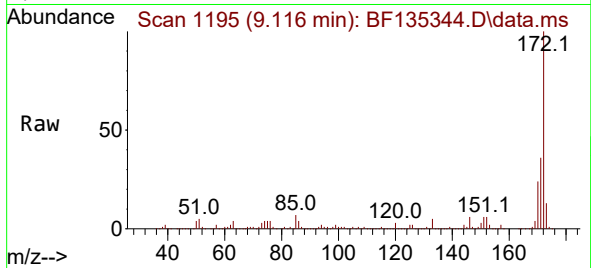
Tgt Ion:172 Resp: 1235795

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.9 19.0 28.4



#50

Dimethylphthalate

Concen: 2.983 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.259 min

Lab File: BF135344.D

Acq: 19 Sep 2023 20:01

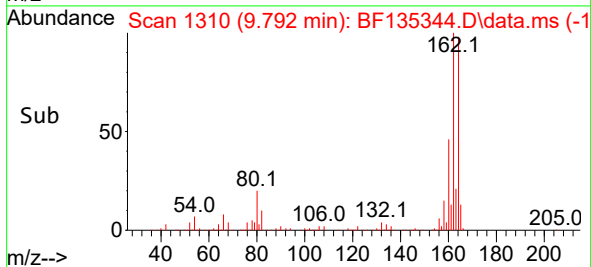
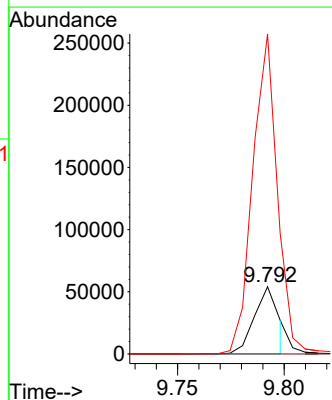
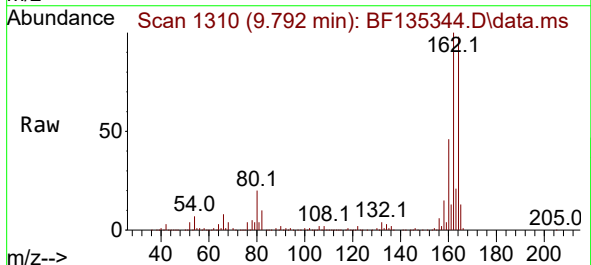
Tgt Ion:163 Resp: 42357

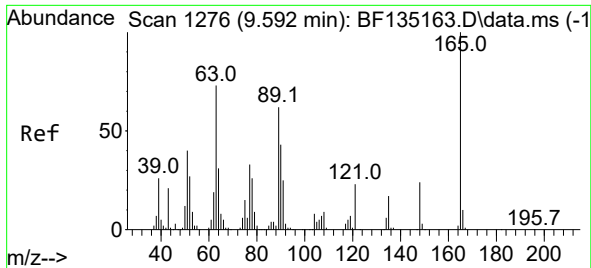
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 475.7 8.1 12.1#

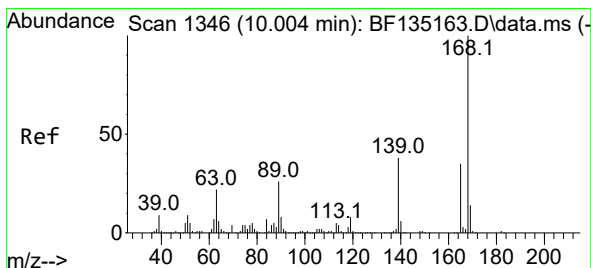
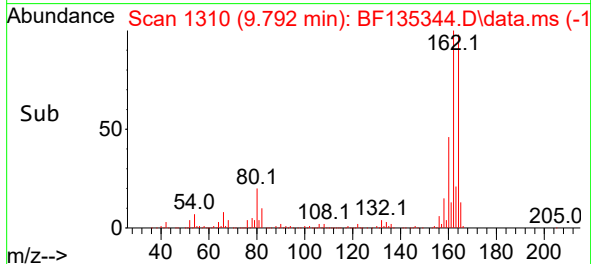
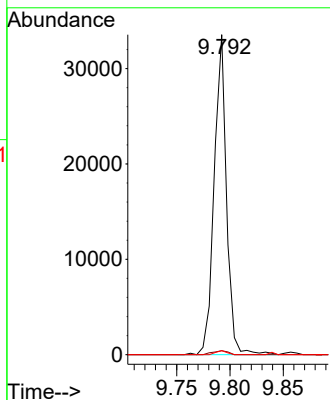
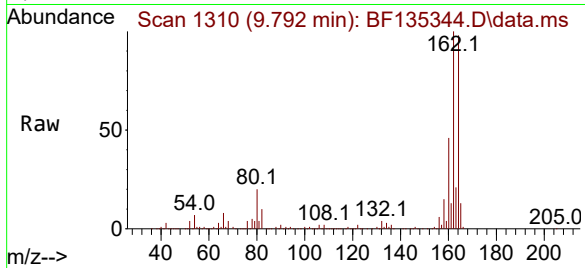




#51
2,6-Dinitrotoluene
Concen: 8.720 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

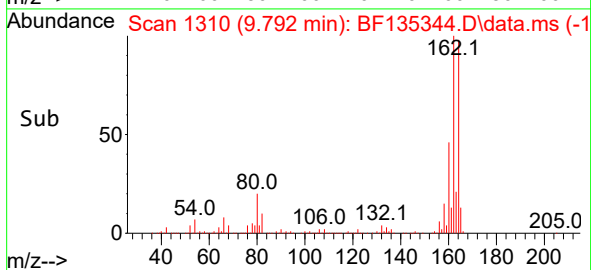
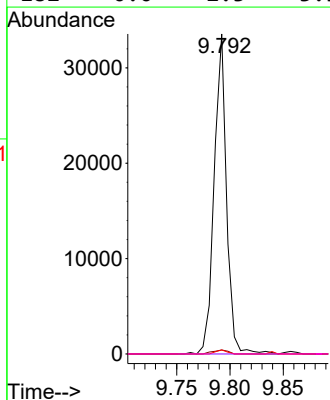
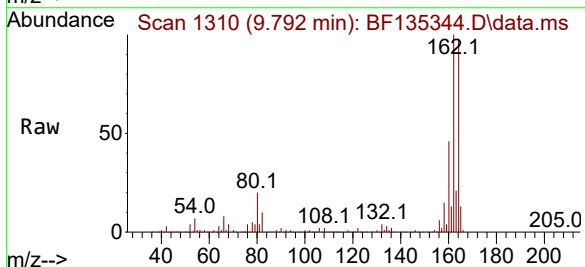
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

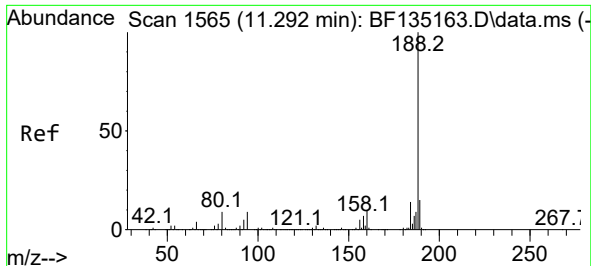
Tgt Ion:165 Resp: 27126
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.2 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.965 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.212 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

Tgt Ion:165 Resp: 27126
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.2 59.3 88.9#
182 0.0 2.3 3.5#

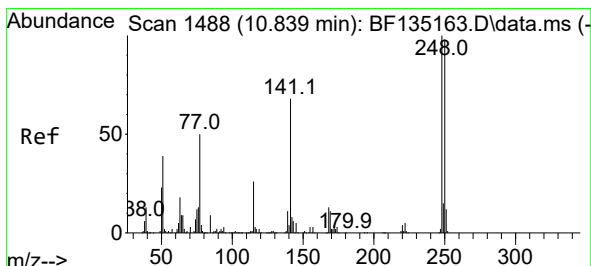
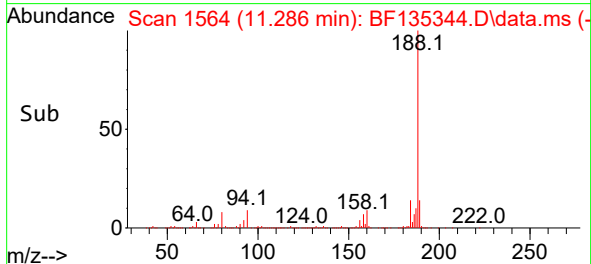
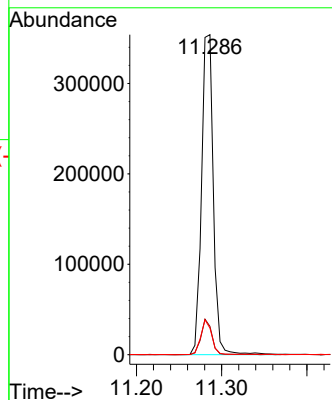
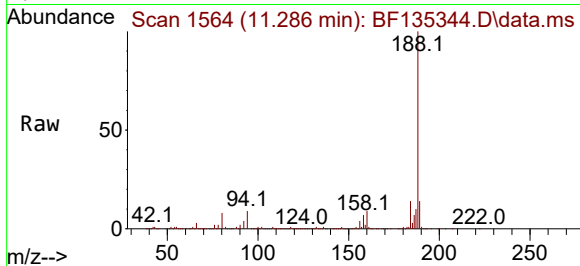




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

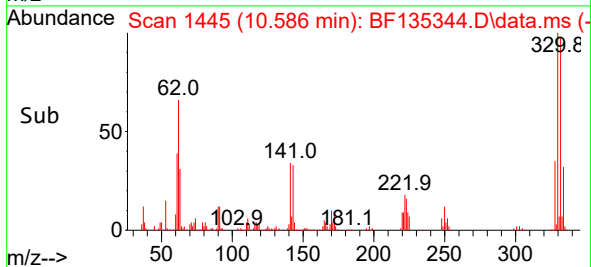
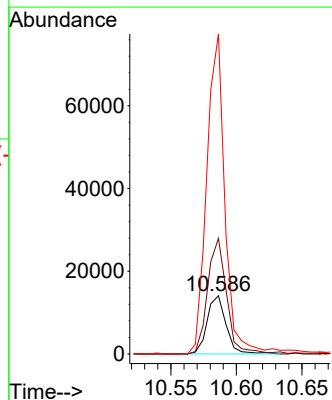
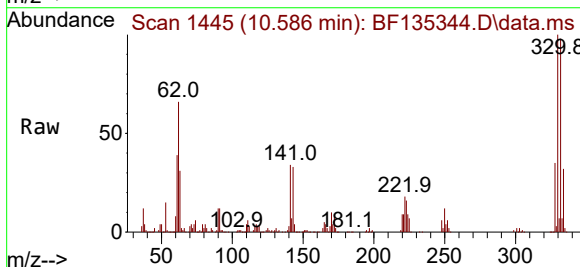
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

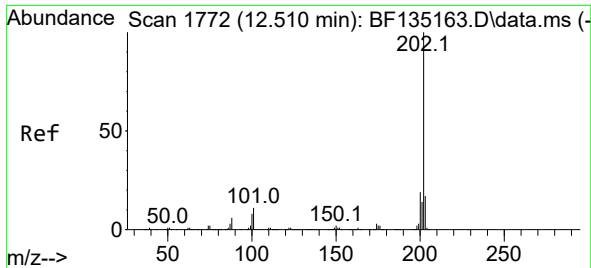
Tgt Ion:188 Resp: 340697
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 8.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.191 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

Tgt Ion:248 Resp: 14200
Ion Ratio Lower Upper
248 100
250 198.6 78.6 117.8#
141 549.5 54.2 81.2#

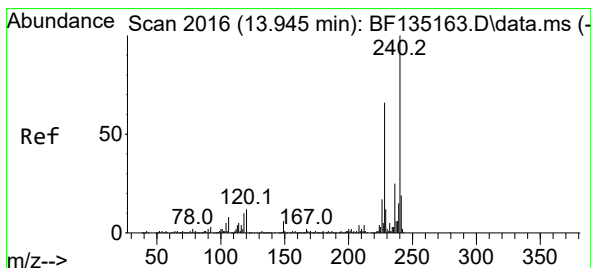
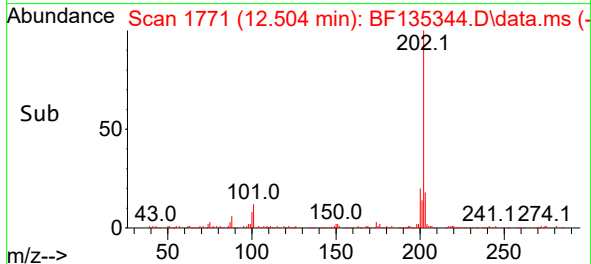
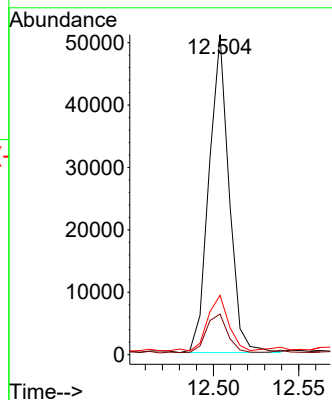
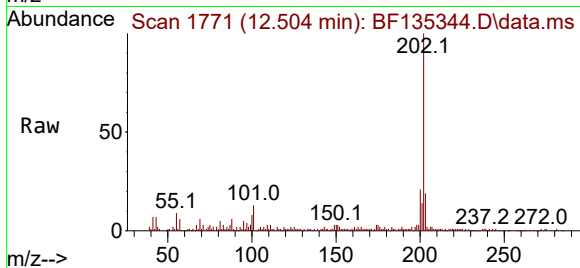




#75
Fluoranthene
Concen: 2.479 ng
RT: 12.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

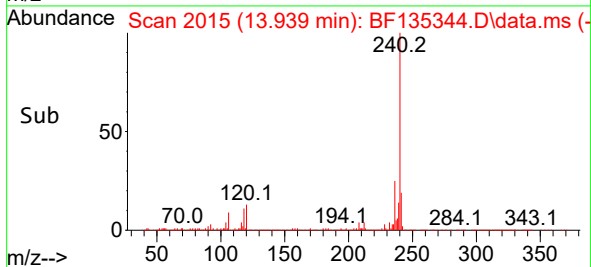
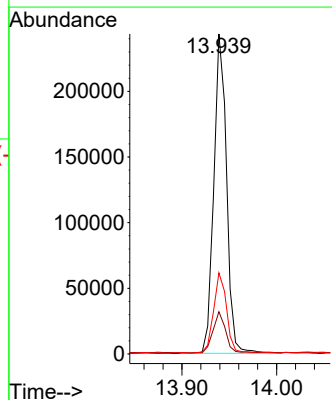
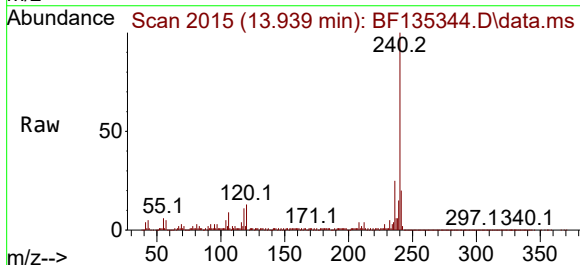
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

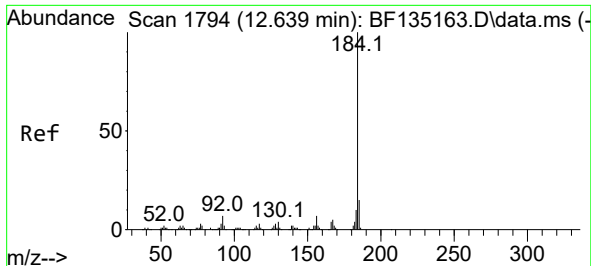
Tgt Ion:202 Resp: 41629
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.3
203 18.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

Tgt Ion:240 Resp: 226554
Ion Ratio Lower Upper
240 100
120 13.2 9.4 14.2
236 25.3 19.8 29.8

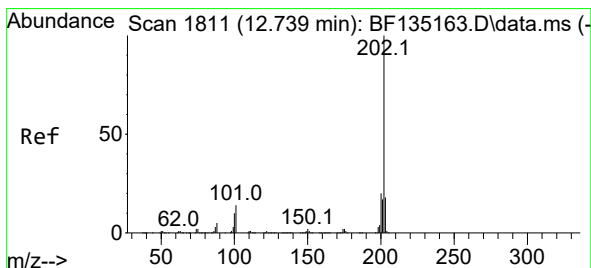
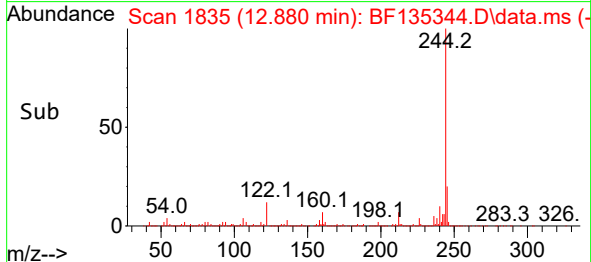
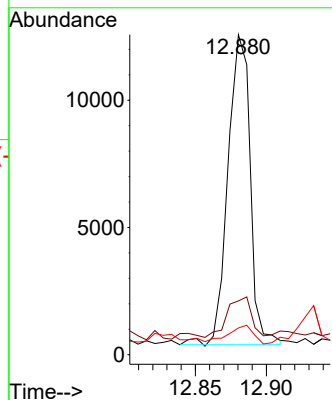
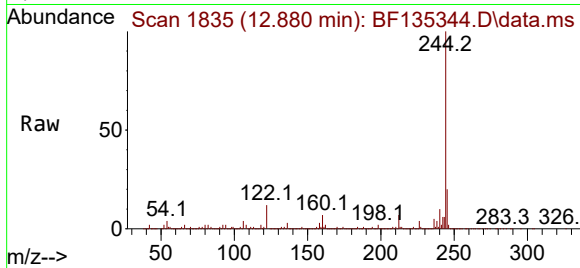




#77
Benzidine
Concen: 2.859 ng
RT: 12.880 min Scan# 1810
Delta R.T. 0.241 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

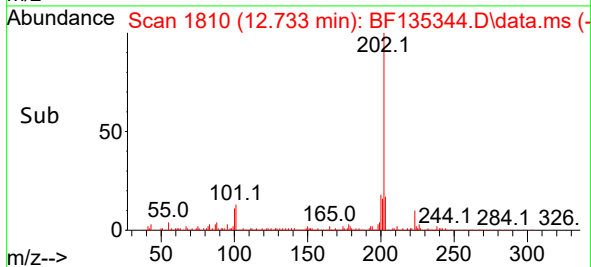
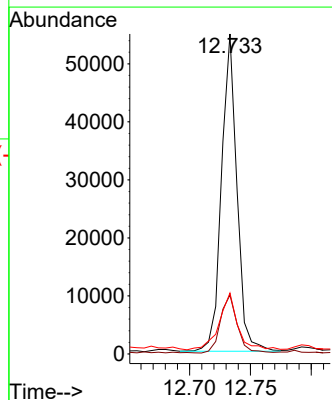
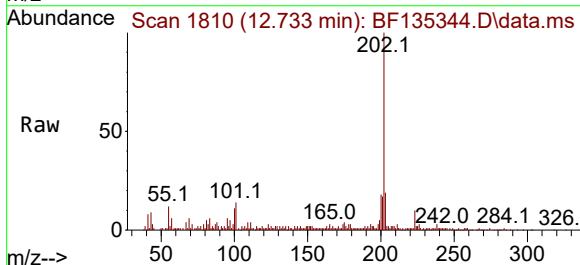
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

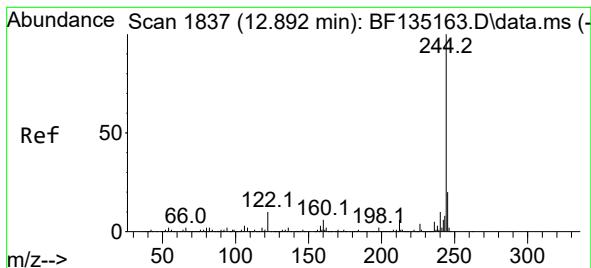
Tgt Ion:184 Resp: 13271
Ion Ratio Lower Upper
184 100
185 16.8 11.7 17.5
183 8.3 8.2 12.4



#78
Pyrene
Concen: 2.244 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

Tgt Ion:202 Resp: 48392
Ion Ratio Lower Upper
202 100
200 18.4 16.2 24.2
203 19.1 14.2 21.4





#79

Terphenyl-d14

Concen: 65.296 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135344.D

Acq: 19 Sep 2023 20:01

Instrument :

BNA_F

ClientSampleId :

DEL-1-LEFT-SIDE

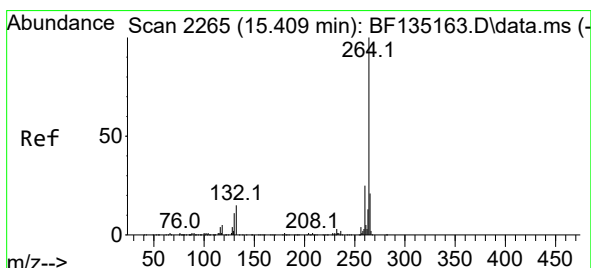
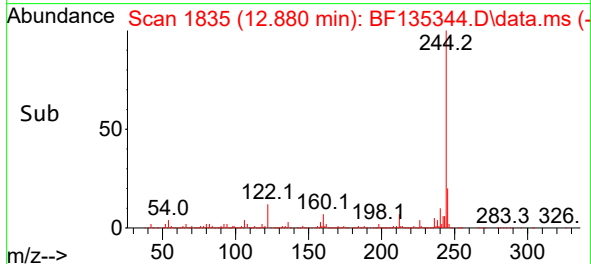
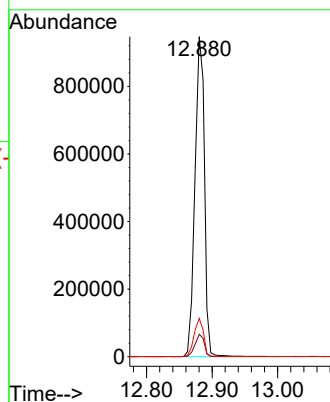
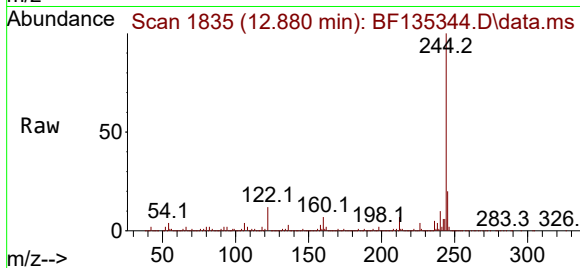
Tgt Ion:244 Resp: 954269

Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 12.0 7.9 11.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135344.D

Acq: 19 Sep 2023 20:01

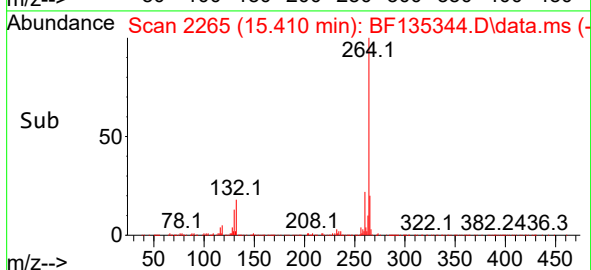
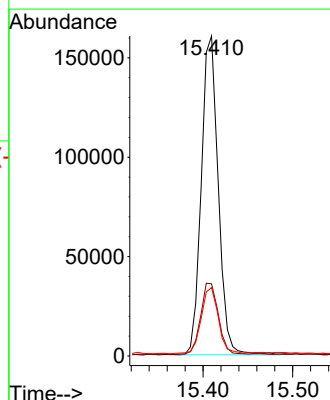
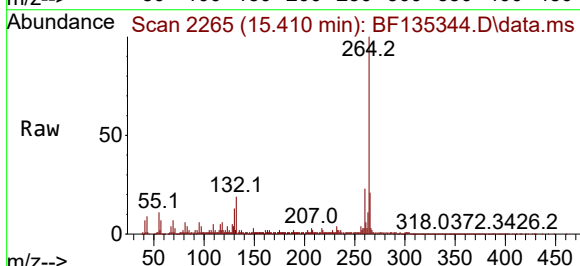
Tgt Ion:264 Resp: 210687

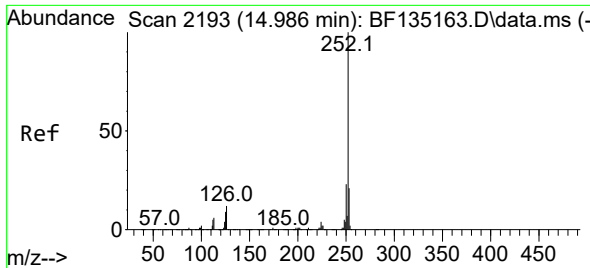
Ion Ratio Lower Upper

264 100

260 22.5 19.8 29.6

265 21.3 17.0 25.4

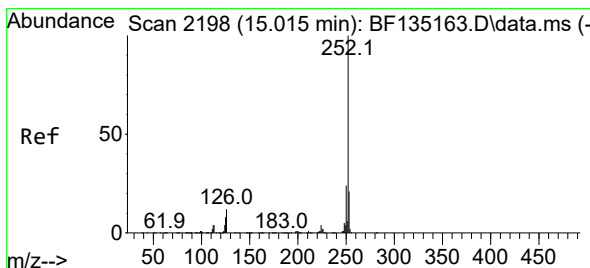
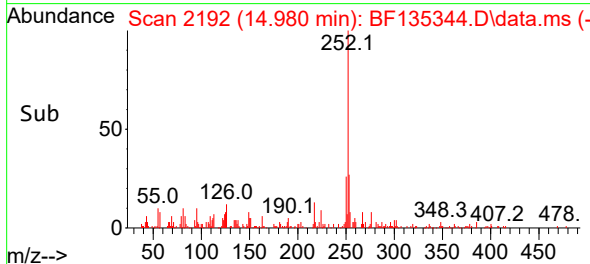
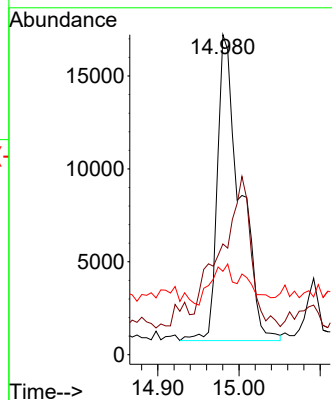
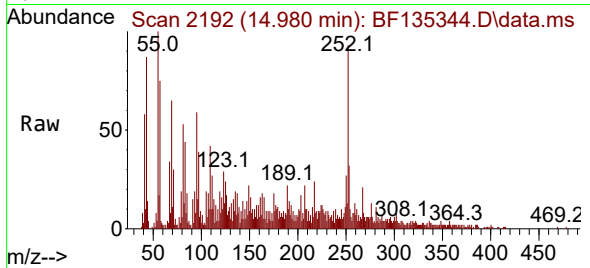




#88
Benzo(b)fluoranthene
Concen: 2.814 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

Tgt Ion:252 Resp: 32100
Ion Ratio Lower Upper
252 100
253 34.6 17.2 25.8#
125 26.0 7.1 10.7#



#89
Benzo(k)fluoranthene
Concen: 2.849 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.035 min
Lab File: BF135344.D
Acq: 19 Sep 2023 20:01

Tgt Ion:252 Resp: 32100
Ion Ratio Lower Upper
252 100
253 34.6 17.4 26.0#
125 26.0 7.2 10.8#

