

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135371.D
 Acq On : 21 Sep 2023 10:21
 Operator : CG\JU
 Sample : PB155710BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155710BL

Quant Time: Sep 21 11:49:13 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)

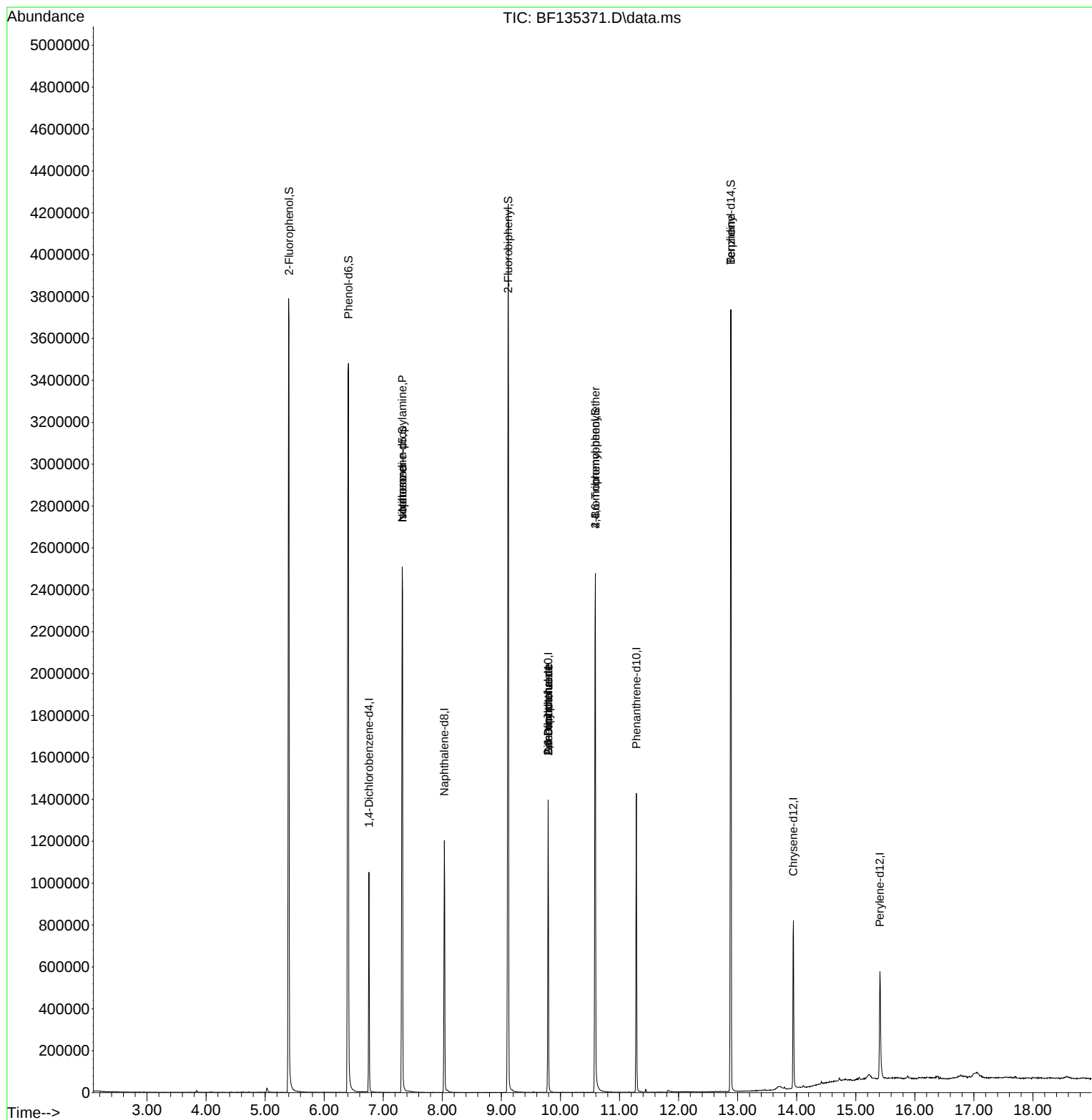
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	140798	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	558518	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	270650	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	503619	20.000	ng	0.00
76) Chrysene-d12	13.945	240	292126	20.000	ng	0.00
86) Perylene-d12	15.409	264	275877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1173381	135.545	ng	0.02
7) Phenol-d6	6.410	99	1496349	135.938	ng	0.00
23) Nitrobenzene-d5	7.322	82	977863	95.121	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	334713	124.447	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1591229	88.702	ng	-0.01
79) Terphenyl-d14	12.886	244	1520865	80.706	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	129336	18.970	ng	# 83
25) Isophorone	7.322	82	977852	51.801	ng	# 65
50) Dimethylphthalate	9.792	163	50109	2.738	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	35274	8.799	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	35274	7.029	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	21186	4.230	ng	# 1
77) Benzidine	12.886	184	18524	3.095	ng	# 96

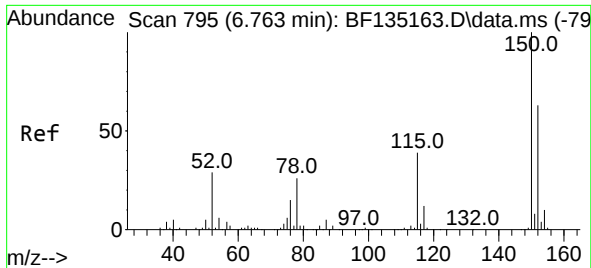
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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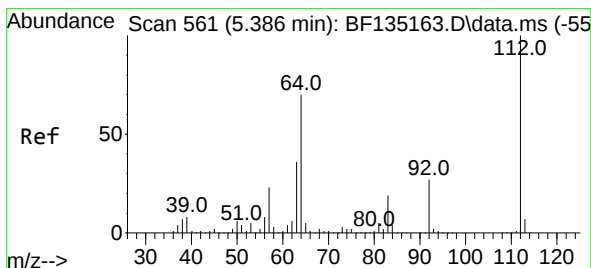
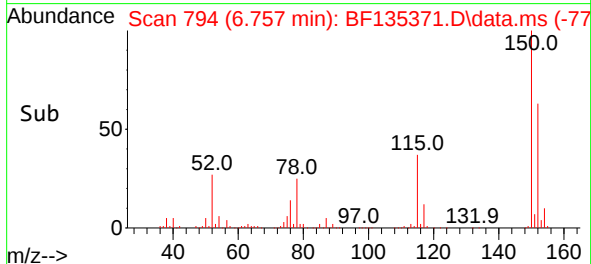
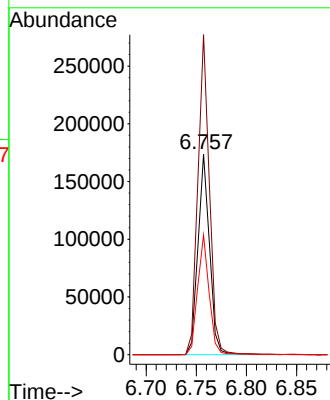
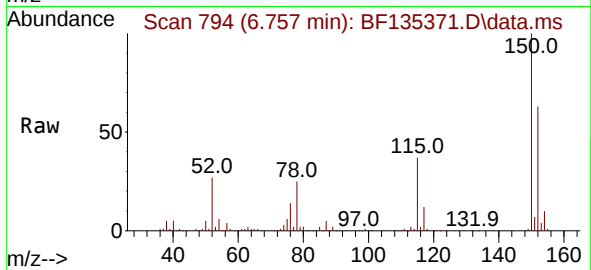




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

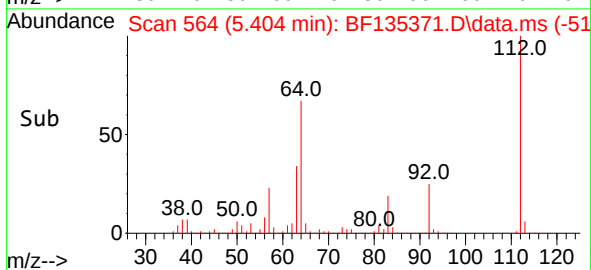
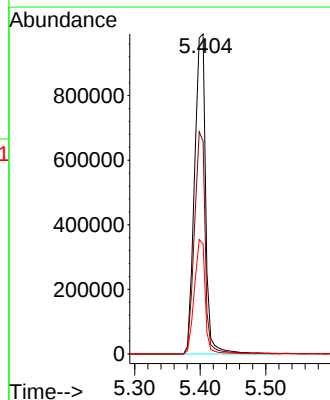
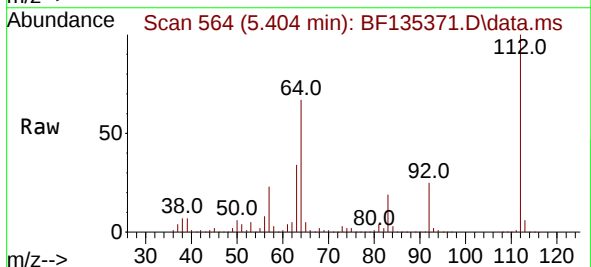
Instrument :
BNA_F
ClientSampleId :
PB155710BL

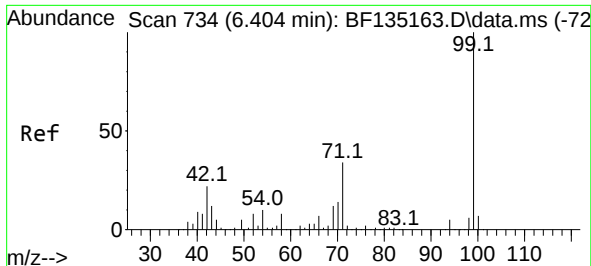
Tgt Ion:152 Resp: 140798
Ion Ratio Lower Upper
152 100
150 159.5 127.8 191.6
115 59.7 49.8 74.8



#5
2-Fluorophenol
Concen: 135.545 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

Tgt Ion:112 Resp: 1173381
Ion Ratio Lower Upper
112 100
64 66.5 55.9 83.9
63 34.4 29.0 43.6

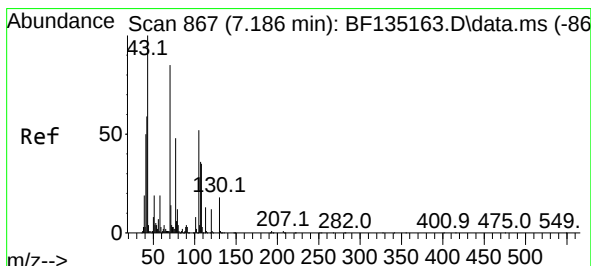
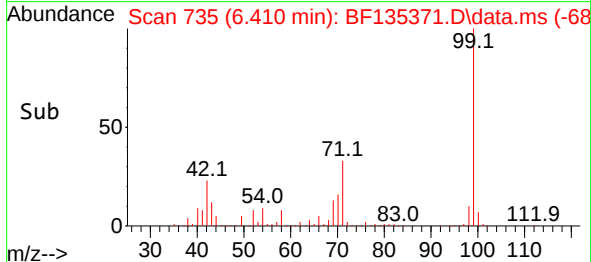
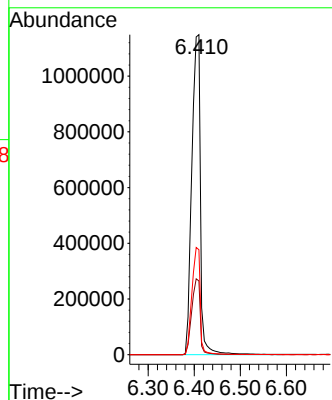
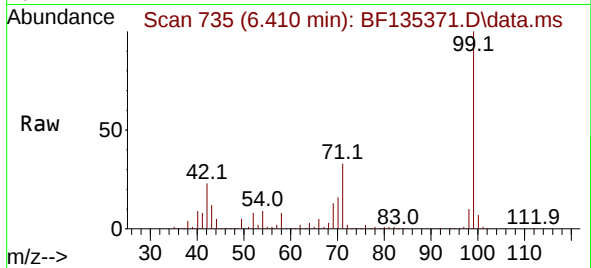




#7
Phenol-d6
Concen: 135.938 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

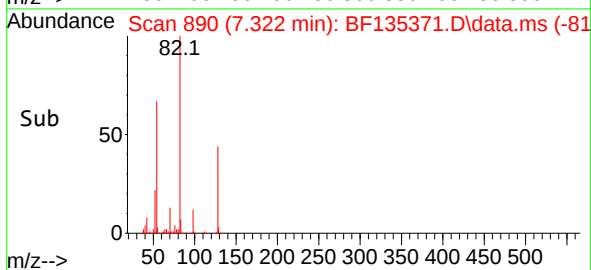
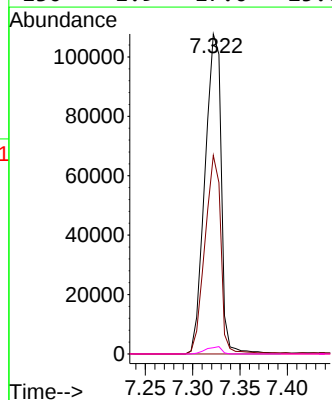
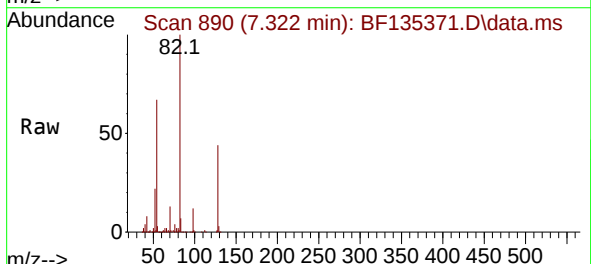
Instrument :
BNA_F
ClientSampleId :
PB155710BL

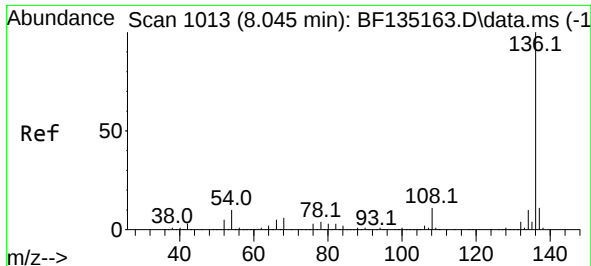
Tgt Ion: 99 Resp: 1496349
Ion Ratio Lower Upper
99 100
42 23.1 17.9 26.9
71 32.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.970 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

Tgt Ion: 70 Resp: 129336
Ion Ratio Lower Upper
70 100
42 62.0 55.4 83.0
101 0.0 7.7 11.5#
130 1.9 17.0 25.6#

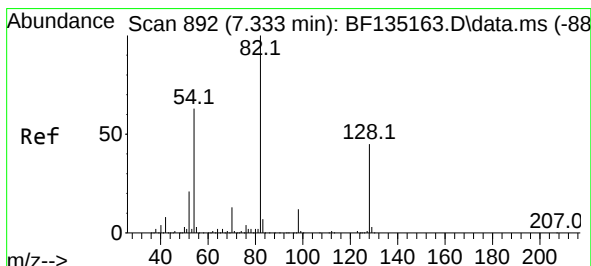
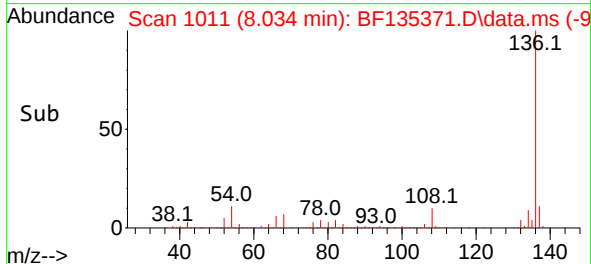
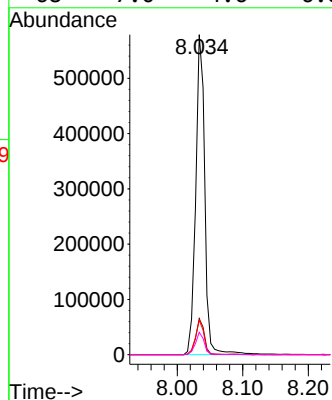
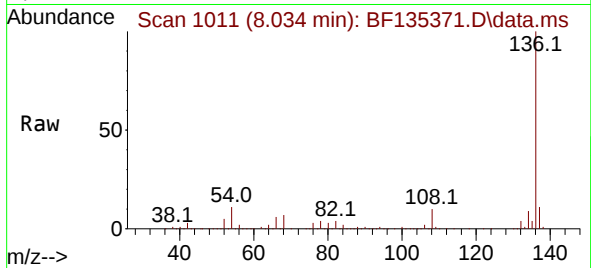




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

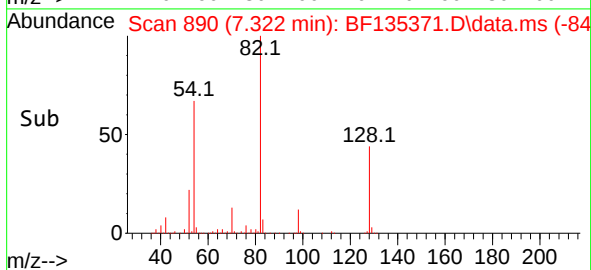
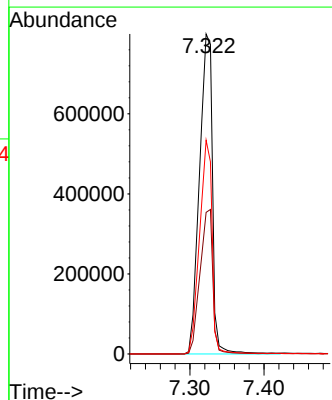
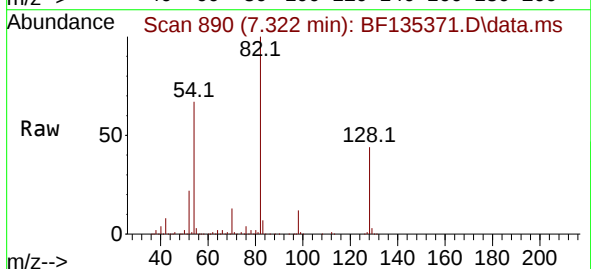
Instrument :
BNA_F
ClientSampleId :
PB155710BL

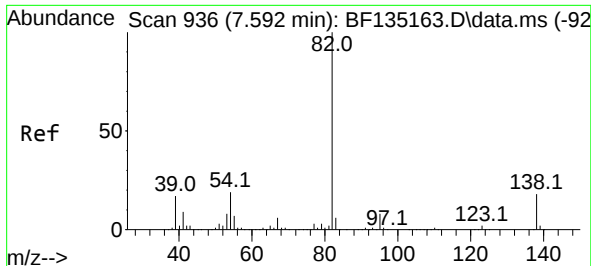
Tgt Ion:136 Resp: 558518
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.7 7.7 11.5
68 7.0 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 95.121 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

Tgt Ion: 82 Resp: 977863
Ion Ratio Lower Upper
82 100
128 44.2 35.8 53.6
54 66.8 50.6 76.0

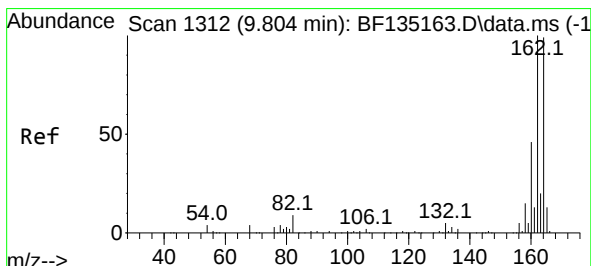
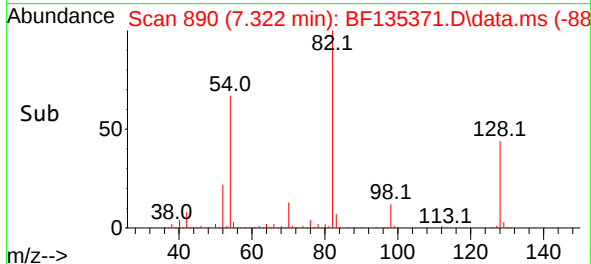
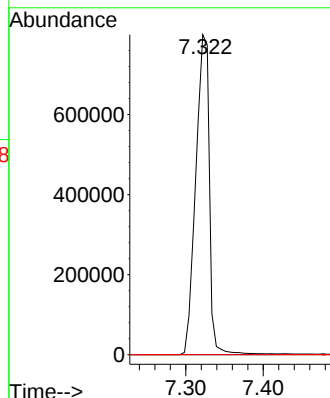
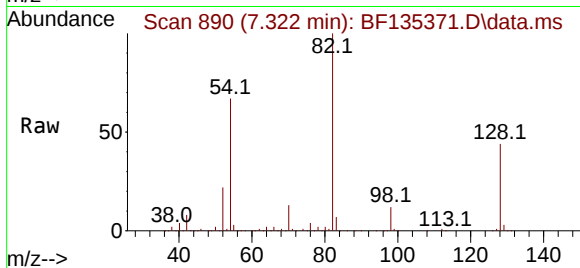




#25
Isophorone
Concen: 51.801 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

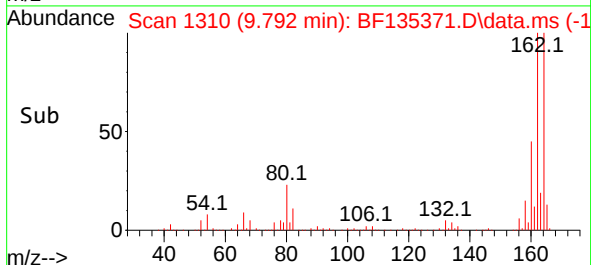
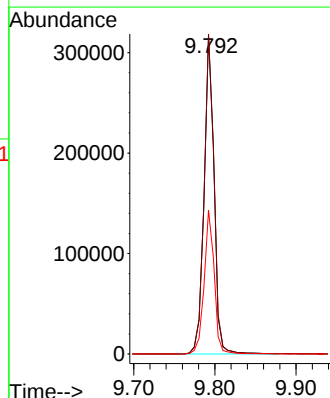
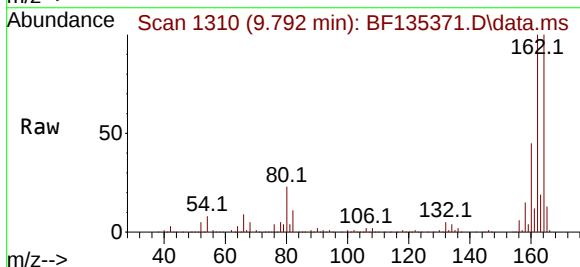
Instrument :
BNA_F
ClientSampleId :
PB155710BL

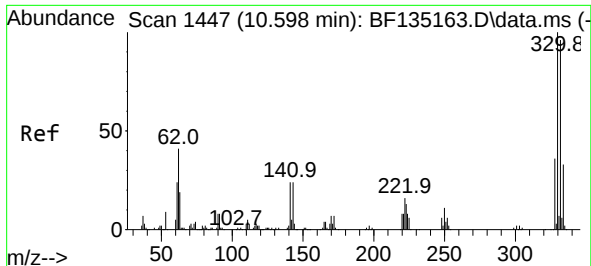
Tgt Ion: 82 Resp: 977852
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

Tgt Ion:164 Resp: 270650
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 45.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 124.447 ng

RT: 10.592 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF135371.D

Acq: 21 Sep 2023 10:21

Instrument :

BNA_F

ClientSampleId :

PB155710BL

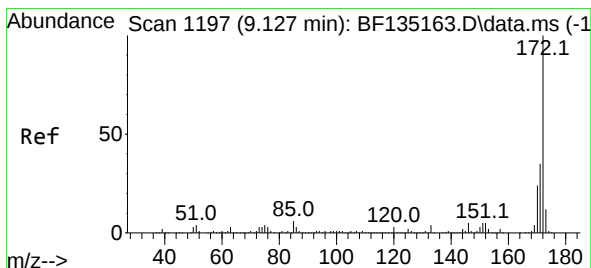
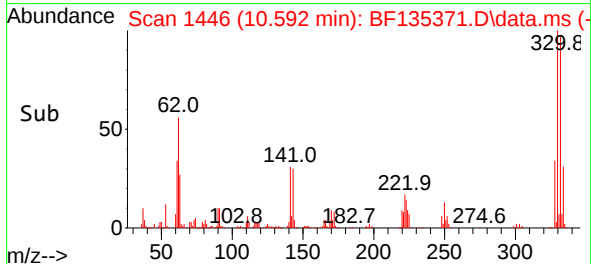
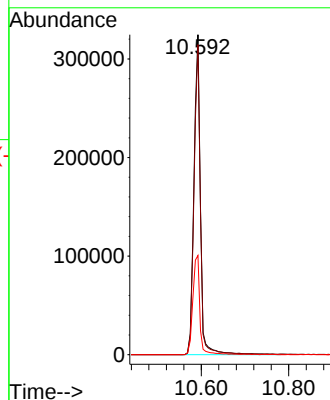
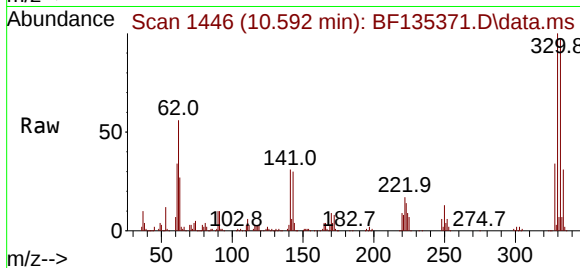
Tgt Ion:330 Resp: 334713

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

141 33.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 88.702 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135371.D

Acq: 21 Sep 2023 10:21

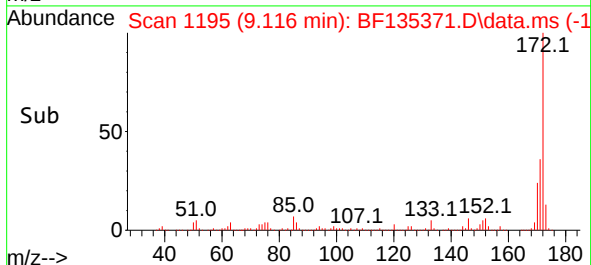
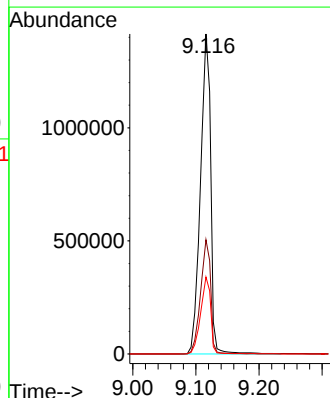
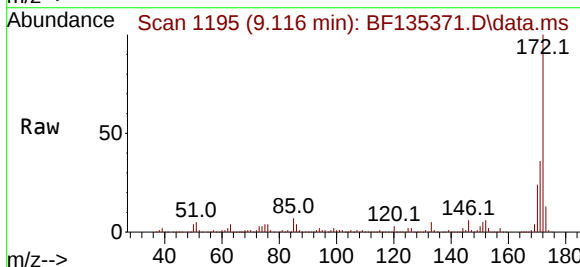
Tgt Ion:172 Resp: 1591229

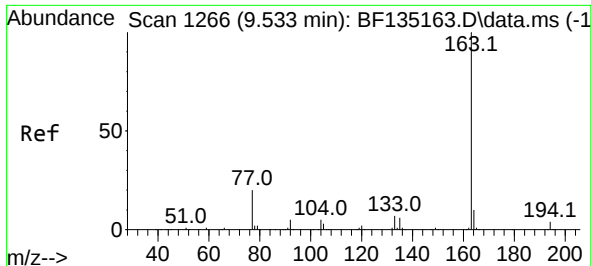
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.0 19.0 28.4

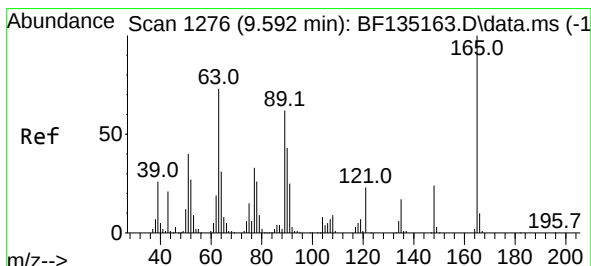
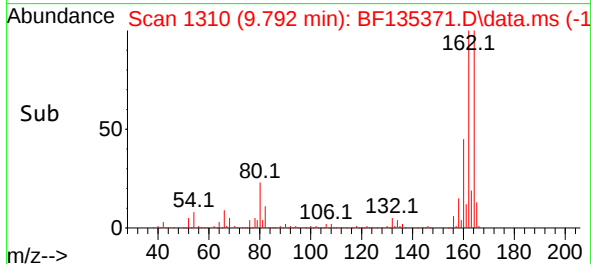
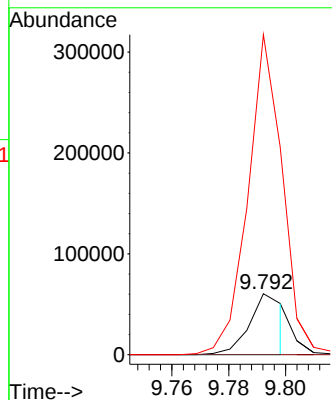
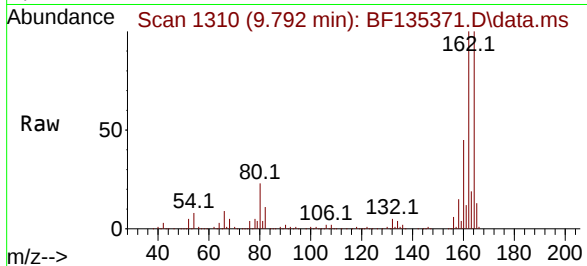




#50
Dimethylphthalate
Concen: 2.738 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

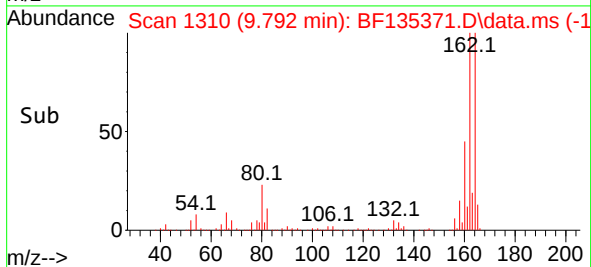
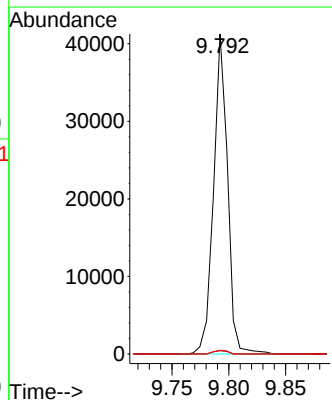
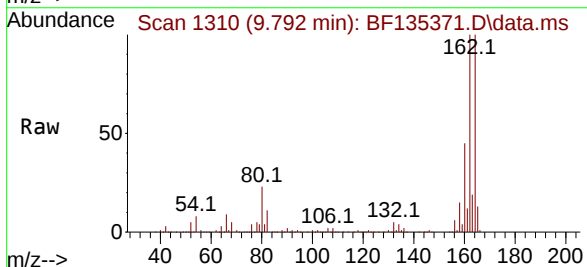
Instrument :
BNA_F
ClientSampleId :
PB155710BL

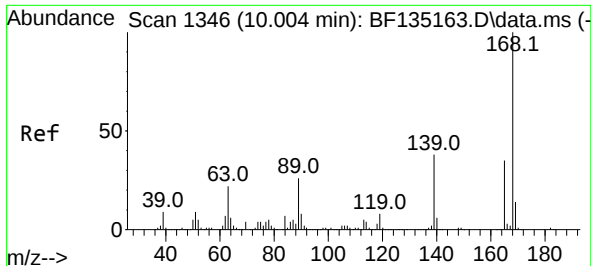
Tgt Ion:163 Resp: 50109
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 524.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.799 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

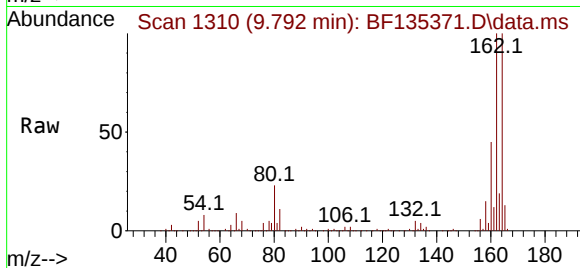
Tgt Ion:165 Resp: 35274
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.2 49.8 74.8#



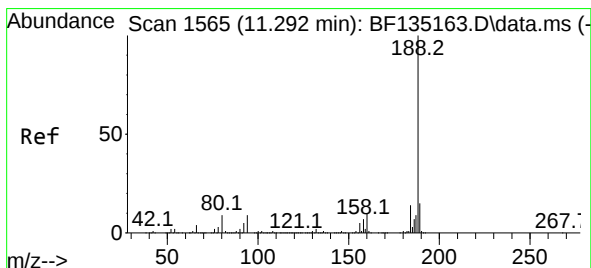
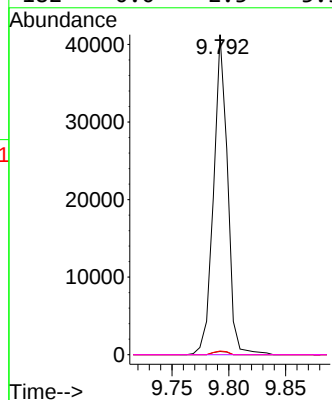
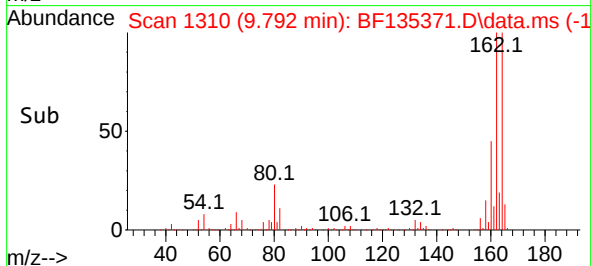


#57
2,4-Dinitrotoluene
Concen: 7.029 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

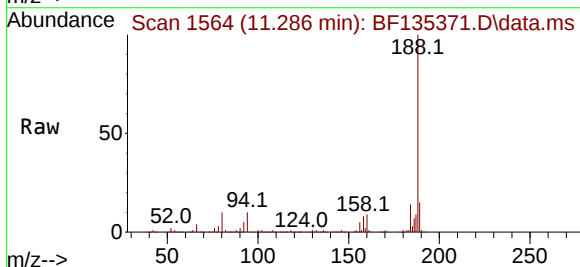
Instrument :
BNA_F
ClientSampleId :
PB155710BL



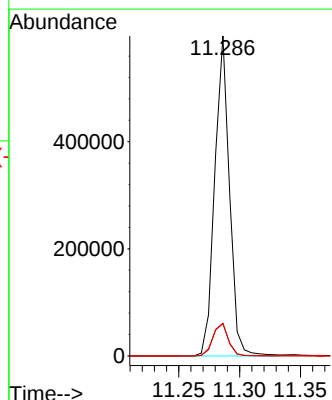
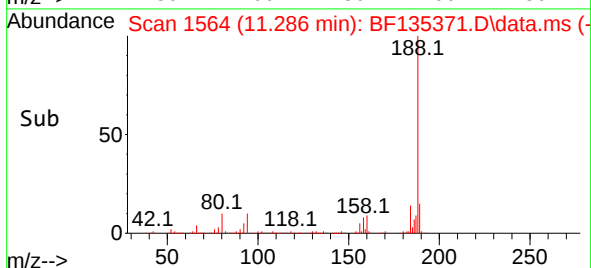
Tgt Ion:165 Resp: 35274
Ion Ratio Lower Upper
165 100
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89 1.2 59.3 88.9#
182 0.0 2.3 3.5#

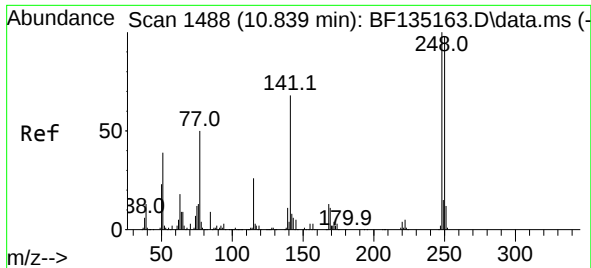


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21



Tgt Ion:188 Resp: 503619
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.3 7.5 11.3

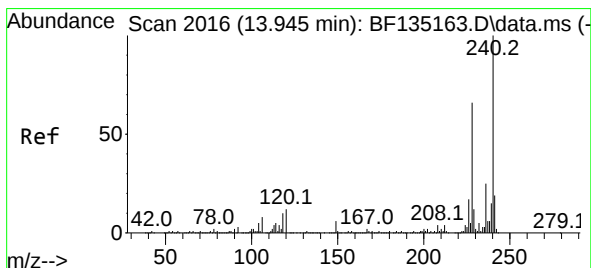
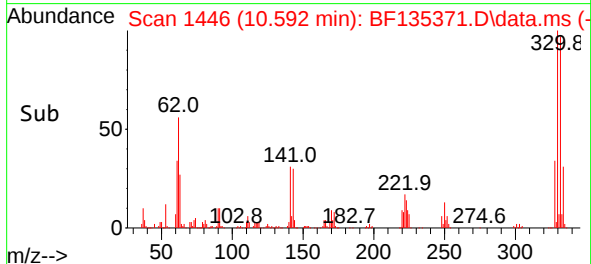
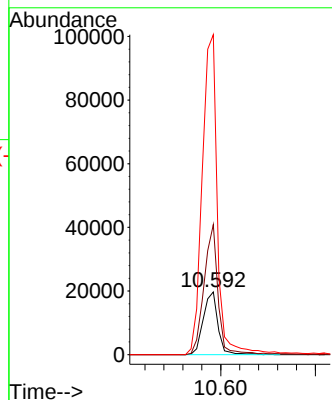
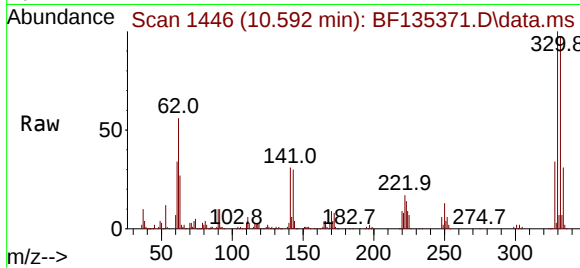




#67
4-Bromophenyl-phenylether
Concen: 4.230 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

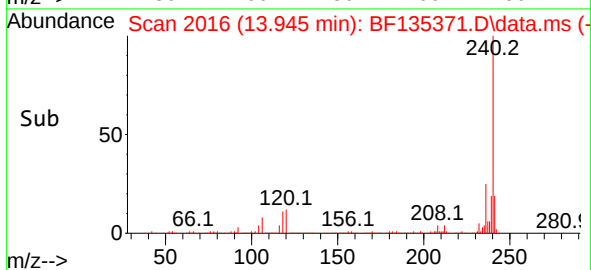
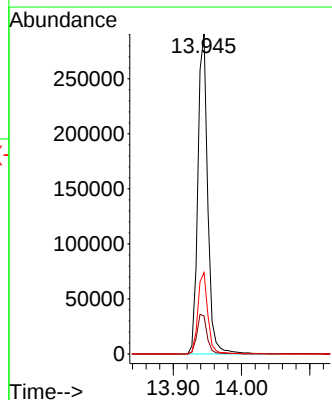
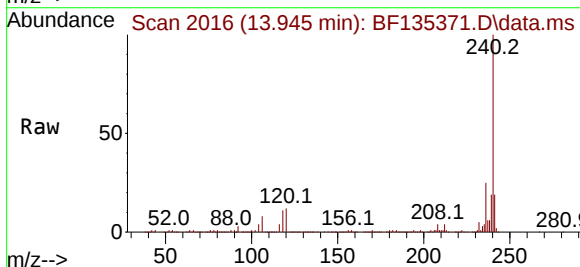
Instrument :
BNA_F
ClientSampleId :
PB155710BL

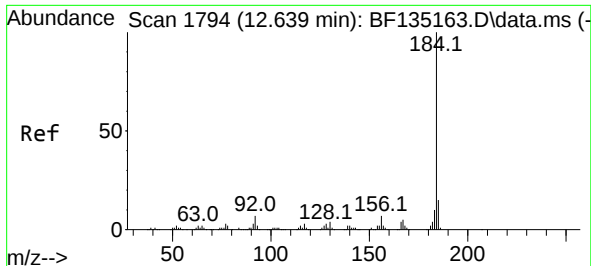
Tgt Ion:248 Resp: 21186
Ion Ratio Lower Upper
248 100
250 207.4 78.6 117.8#
141 510.5 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

Tgt Ion:240 Resp: 292126
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 25.5 19.8 29.8

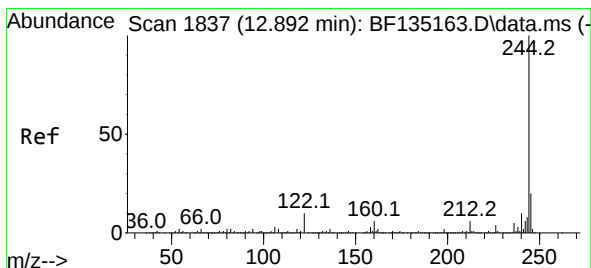
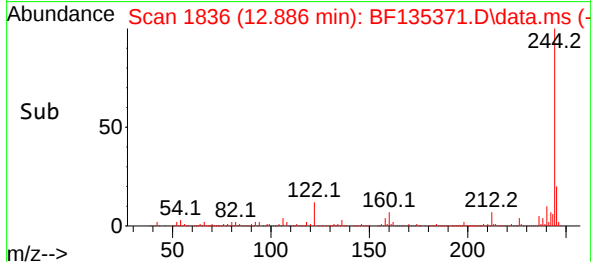
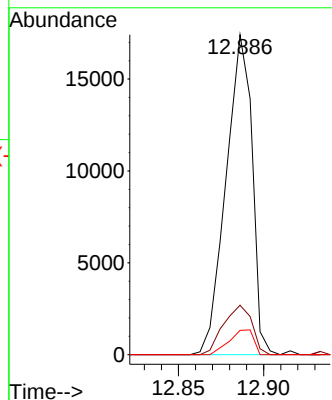
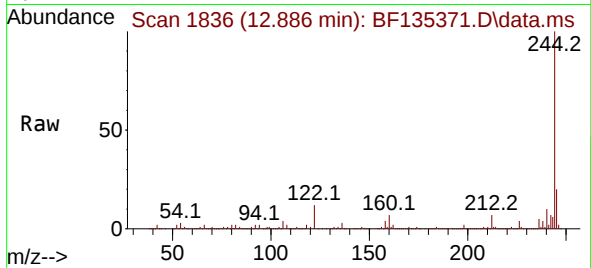




#77
Benzidine
Concen: 3.095 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.247 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

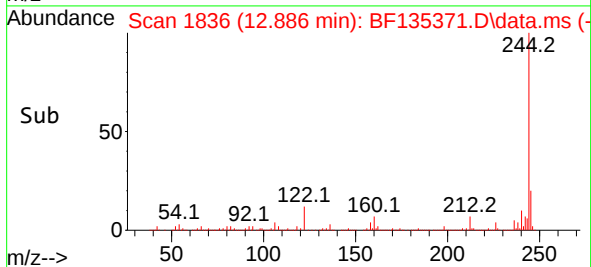
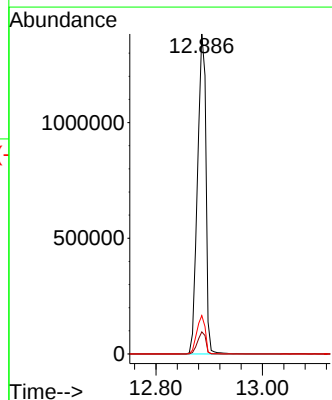
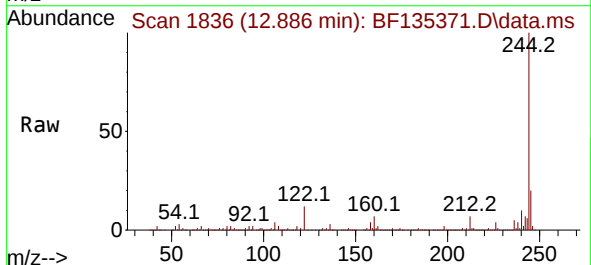
Instrument :
BNA_F
ClientSampleId :
PB155710BL

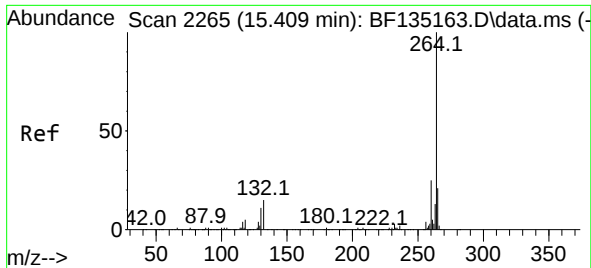
Tgt Ion:184 Resp: 18524
Ion Ratio Lower Upper
184 100
185 15.4 11.7 17.5
183 7.6 8.2 12.4#



#79
Terphenyl-d14
Concen: 80.706 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

Tgt Ion:244 Resp: 1520865
Ion Ratio Lower Upper
244 100
212 6.9 5.1 7.7
122 12.0 7.9 11.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135371.D
 Acq: 21 Sep 2023 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB155710BL

Tgt Ion:264 Resp: 275877
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 21.8 17.0 25.4

