

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137513.D
 Acq On : 06 Mar 2024 12:23
 Operator : CG\JU
 Sample : PB159429TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159429TB

Quant Time: Mar 06 12:43:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

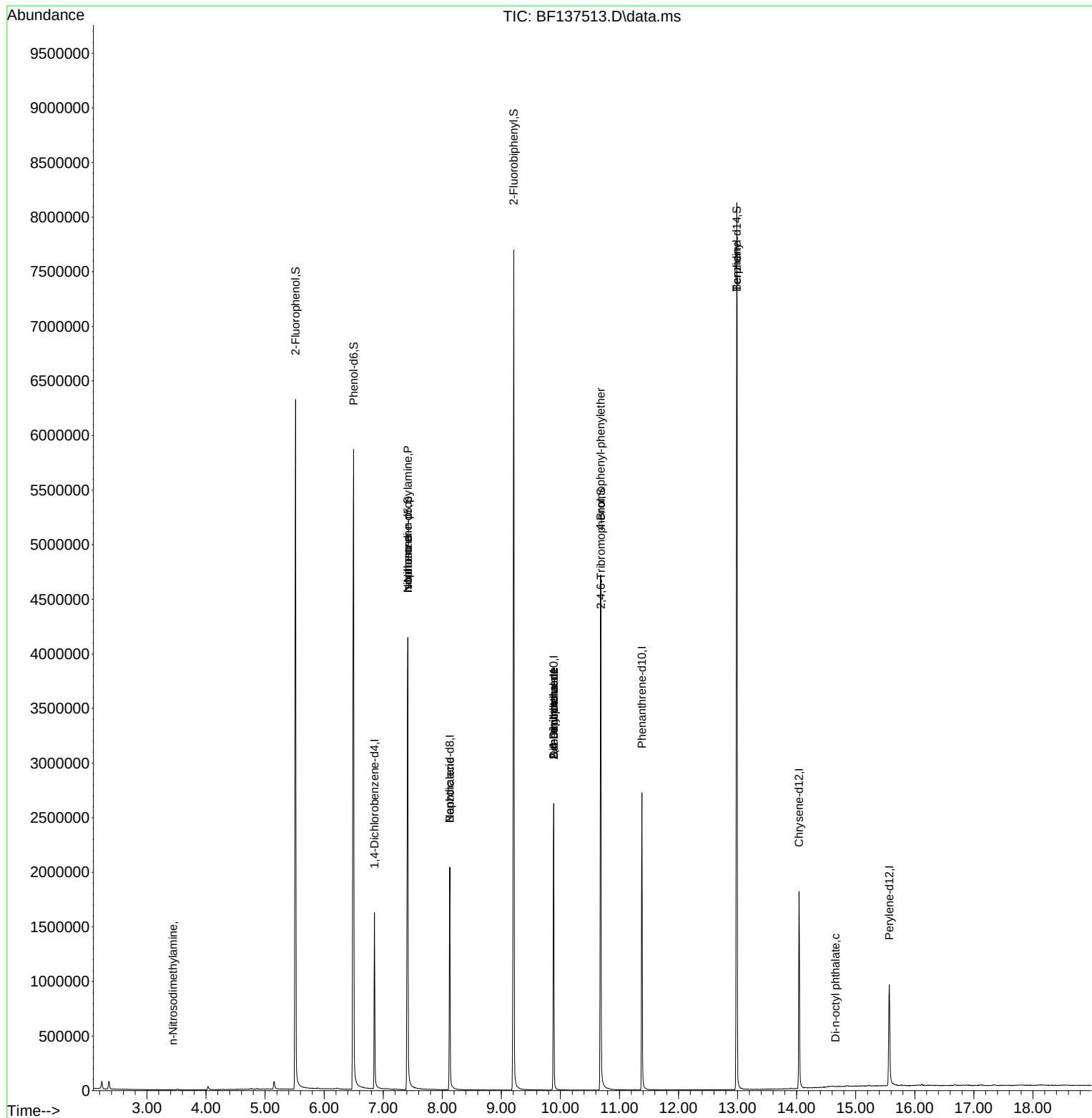
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	234712	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	951509	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	559751	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	1003867	20.000	ng	0.00
76) Chrysene-d12	14.039	240	627112	20.000	ng	-0.01
86) Perylene-d12	15.568	264	495176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1867617	120.513	ng	0.00
7) Phenol-d6	6.498	99	2583489	115.490	ng	0.00
23) Nitrobenzene-d5	7.416	82	1687973	82.427	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	654911	133.232	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2705208	75.652	ng	0.00
79) Terphenyl-d14	12.986	244	3423907	75.078	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.440	42	1005	3.920	ng	# 1
19) n-Nitroso-di-n-propyla...	7.416	70	218256	15.800	ng	# 80
25) Isophorone	7.416	82	1683162	43.263	ng	# 69
32) Benzoic acid	8.128	122	190	6.317	ng	# 1
50) Dimethylphthalate	9.886	163	91740	2.354	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	72495	8.895	ng	# 20
57) 2,4-Dinitrotoluene	9.886	165	72495	7.240	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	44476	4.068	ng	# 1
77) Benzidine	12.986	184	39085	2.547	ng	# 93
85) Di-n-octyl phthalate	14.657	149	245	5.612	ng	# 66

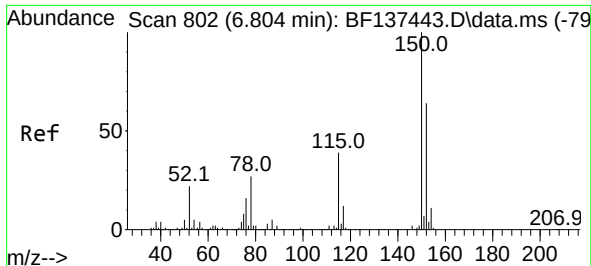
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
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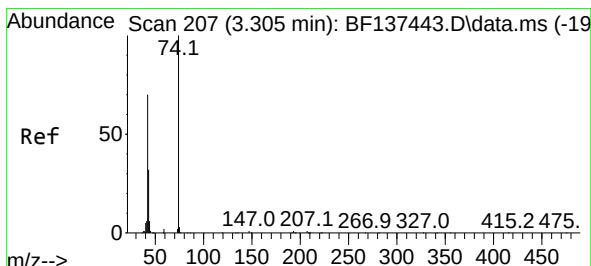
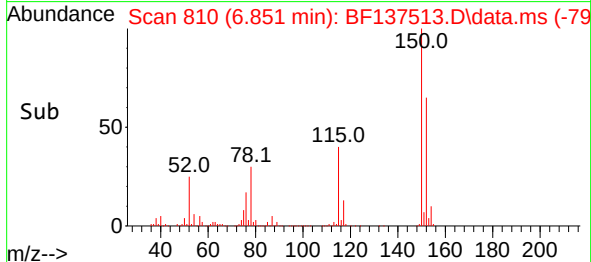
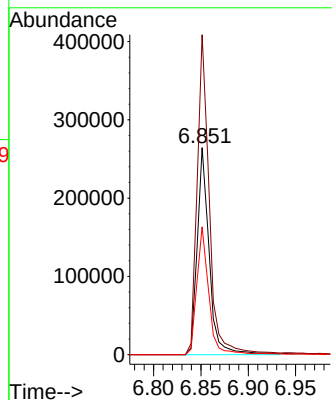
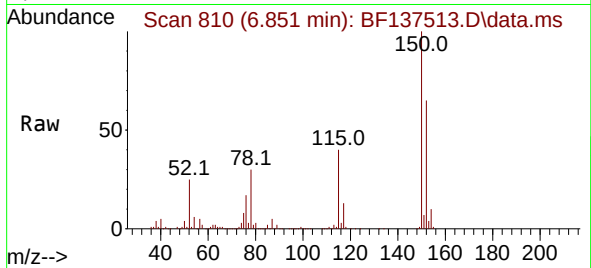




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

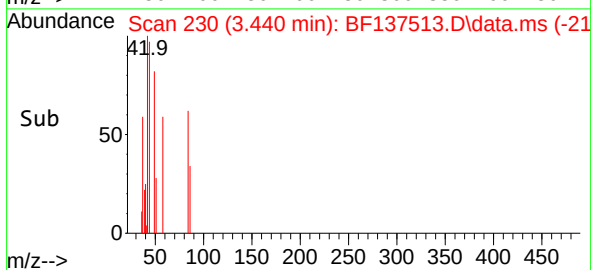
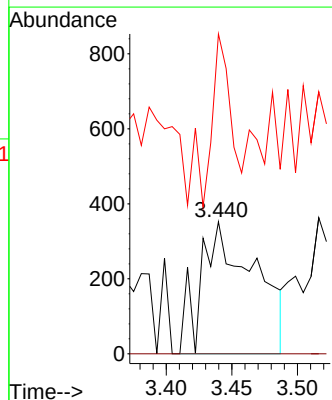
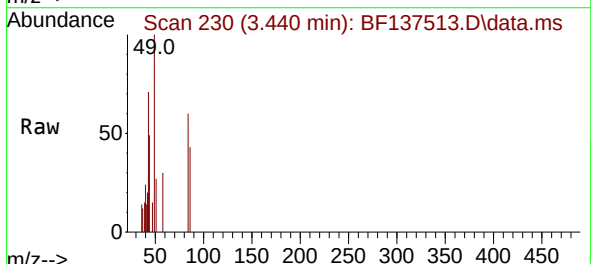
Instrument :
BNA_F
ClientSampleId :
PB159429TB

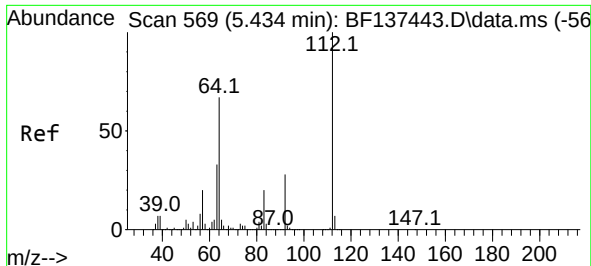
Tgt Ion:152 Resp: 234712
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.6
115 61.7 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.920 ng
RT: 3.440 min Scan# 230
Delta R.T. -0.006 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

Tgt Ion: 42 Resp: 1005
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 242.3 7.0 10.4#

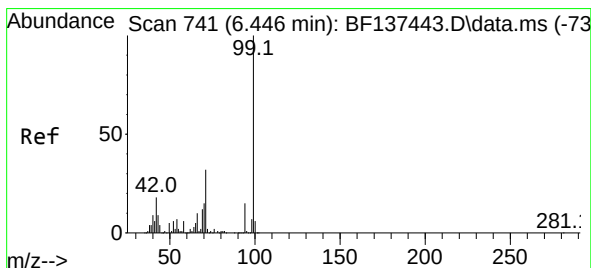
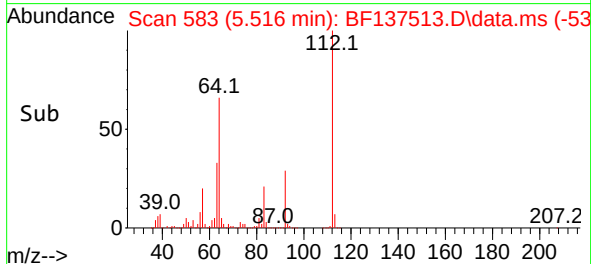
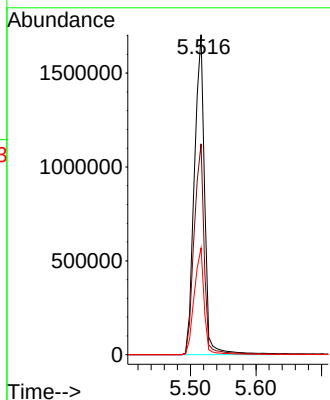
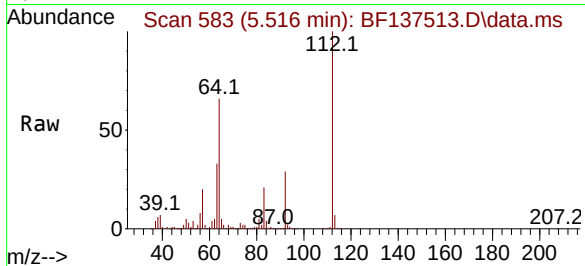




#5
2-Fluorophenol
Concen: 120.513 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

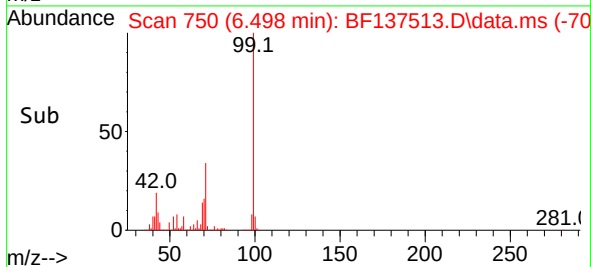
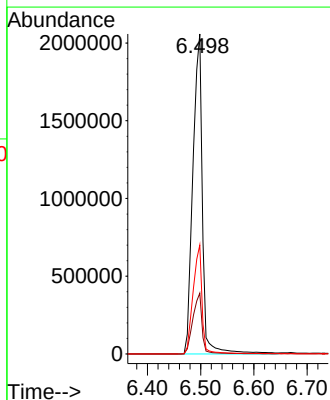
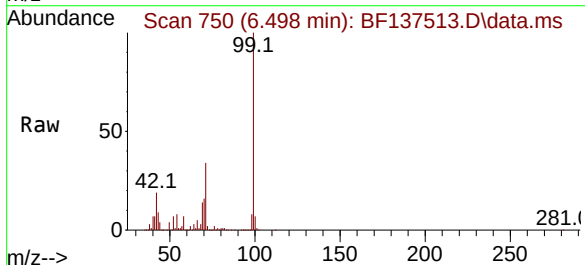
Instrument :
BNA_F
ClientSampleId :
PB159429TB

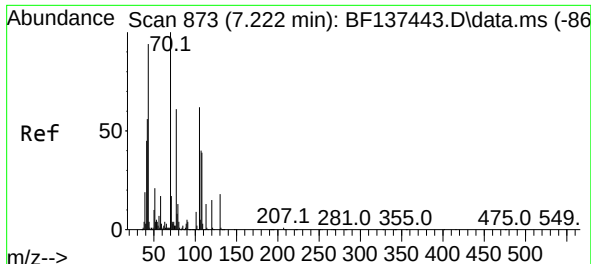
Tgt Ion:112 Resp: 1867617
Ion Ratio Lower Upper
112 100
64 65.9 53.4 80.2
63 33.3 26.2 39.2



#7
Phenol-d6
Concen: 115.490 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

Tgt Ion: 99 Resp: 2583489
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 34.0 25.3 37.9



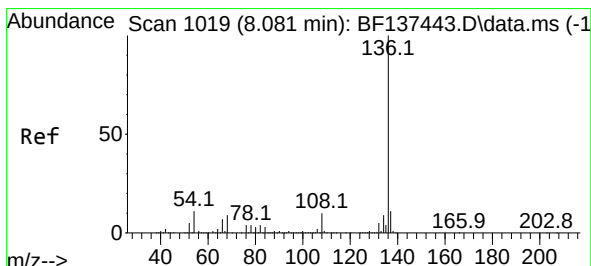
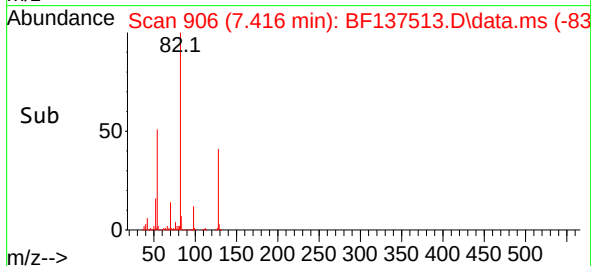
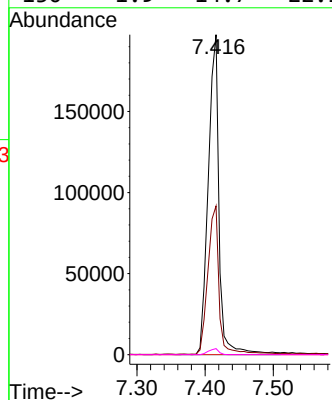
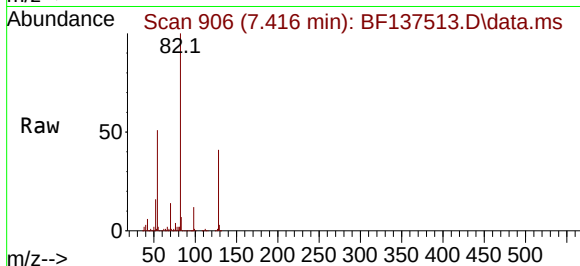


#19
n-Nitroso-di-n-propylamine
Concen: 15.800 ng
RT: 7.416 min Scan# 90
Delta R.T. 0.135 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

Instrument :
BNA_F
ClientSampleId :
PB159429TB

Tgt Ion: 70 Resp: 218256

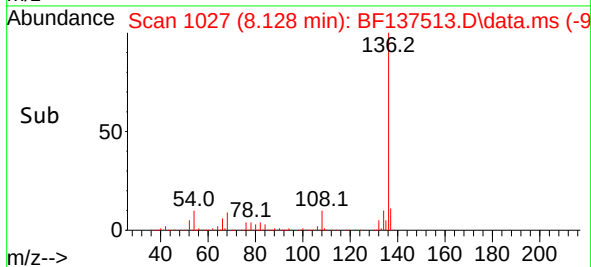
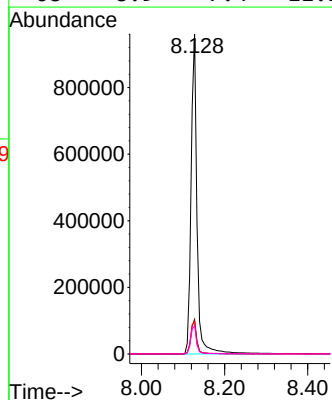
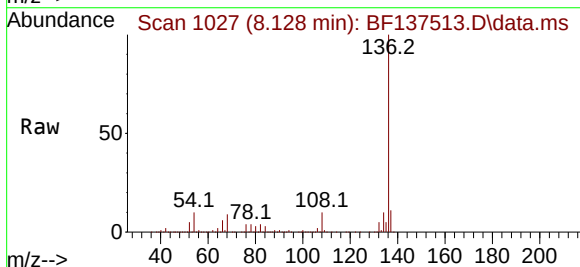
Ion	Ratio	Lower	Upper
70	100		
42	46.5	45.2	67.8
101	0.0	7.3	10.9#
130	1.9	14.7	22.1#

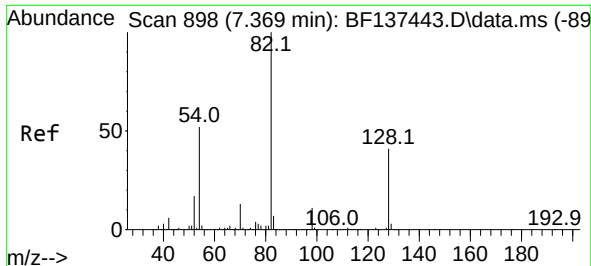


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

Tgt Ion: 136 Resp: 951509

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.0	8.5	12.7
68	8.9	7.4	11.2





#23

Nitrobenzene-d5

Concen: 82.427 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137513.D

Acq: 06 Mar 2024 12:23

Instrument :

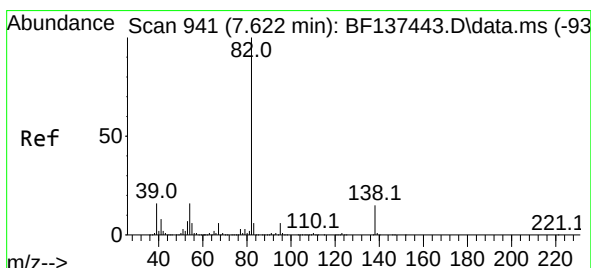
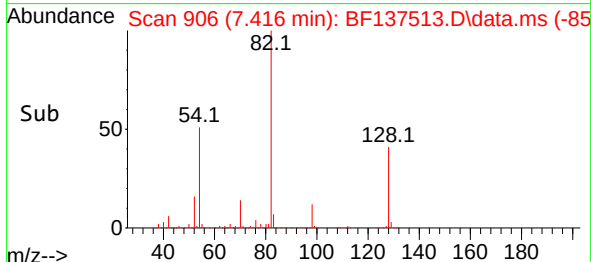
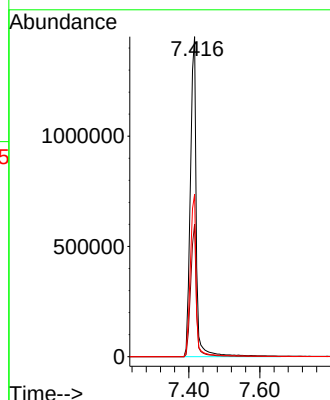
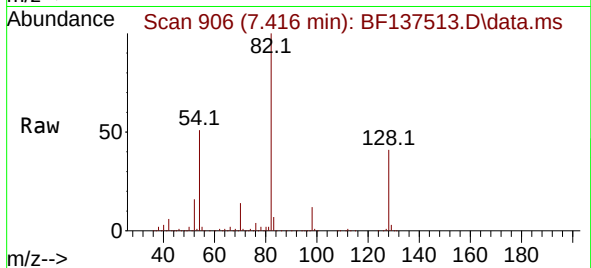
BNA_F

ClientSampleId :

PB159429TB

Tgt Ion: 82 Resp: 1687973

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.5	48.7
54	50.7	41.5	62.3



#25

Isophorone

Concen: 43.263 ng

RT: 7.416 min Scan# 906

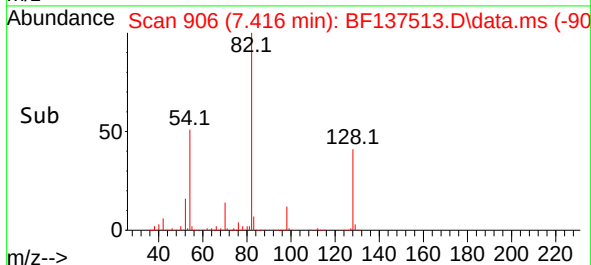
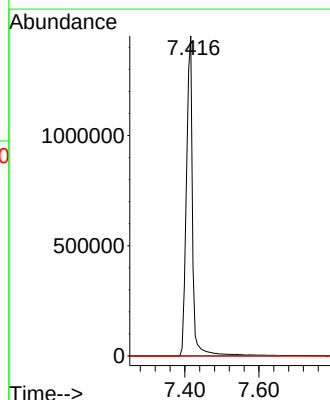
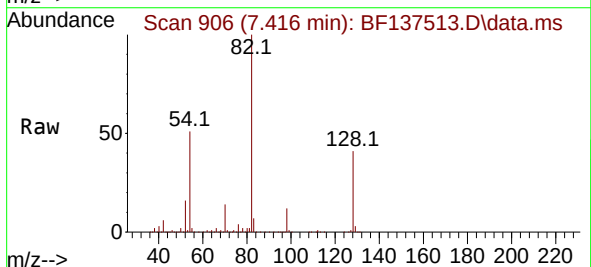
Delta R.T. -0.265 min

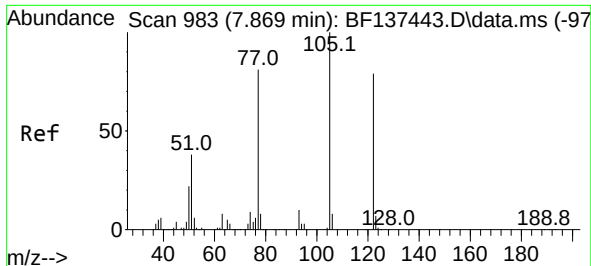
Lab File: BF137513.D

Acq: 06 Mar 2024 12:23

Tgt Ion: 82 Resp: 1683162

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	11.8	17.8#

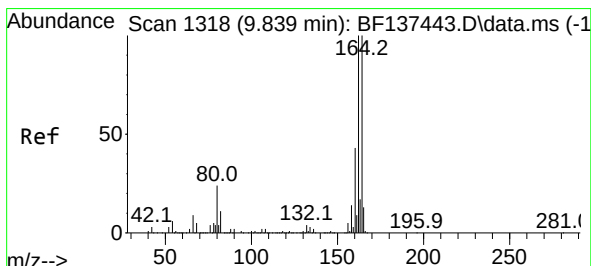
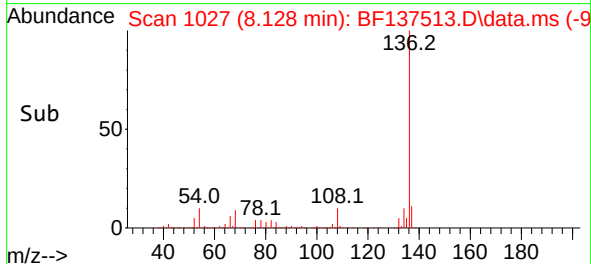
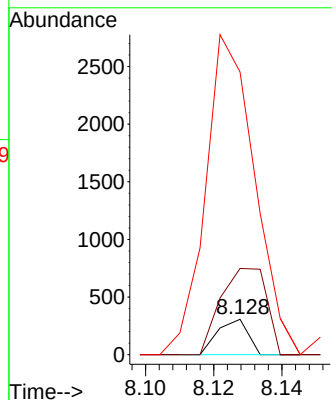
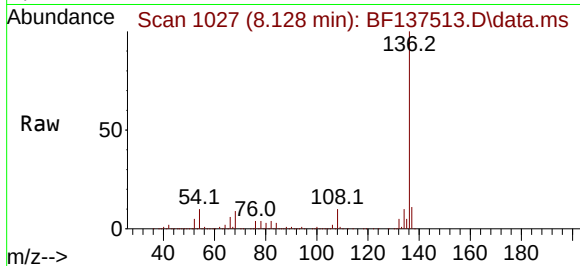




#32
Benzoic acid
Concen: 6.317 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.200 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

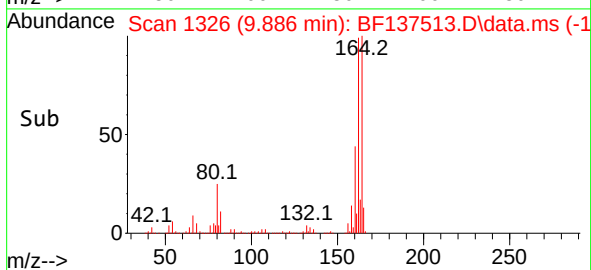
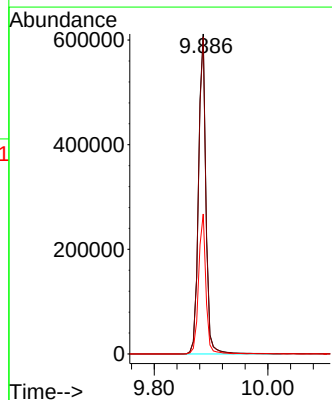
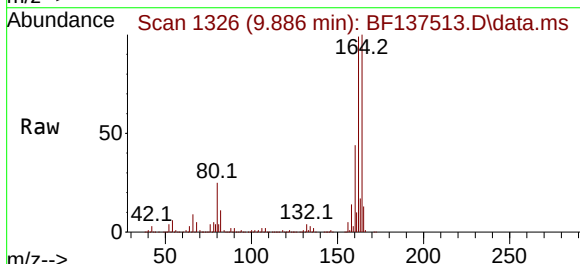
Instrument :
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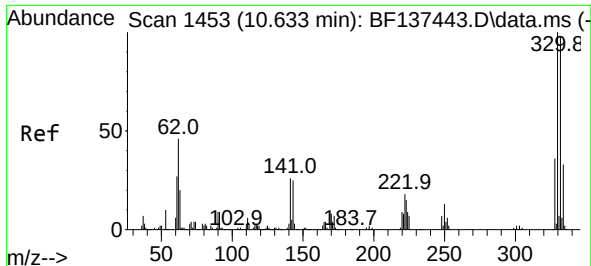
Tgt Ion:122 Resp: 190
Ion Ratio Lower Upper
122 100
105 243.6 102.4 142.4#
77 799.0 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

Tgt Ion:164 Resp: 559751
Ion Ratio Lower Upper
164 100
162 99.1 79.8 119.8
160 43.8 34.4 51.6

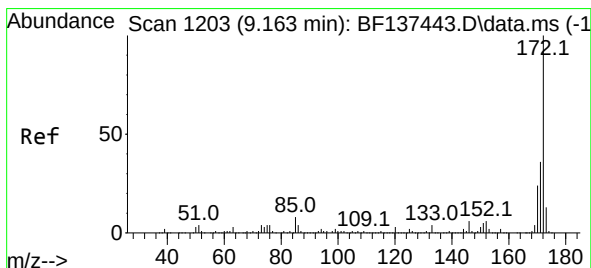
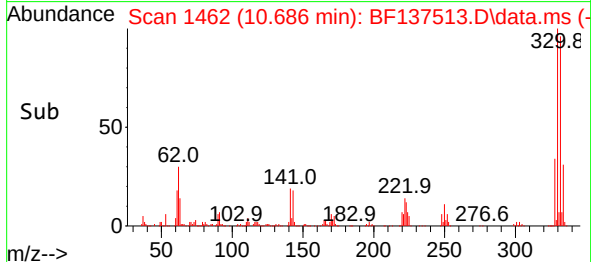
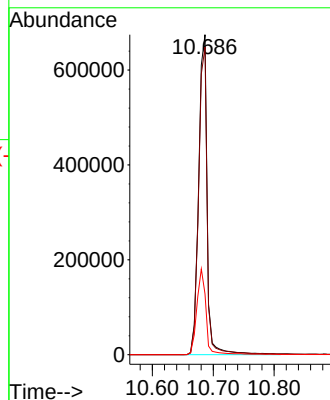
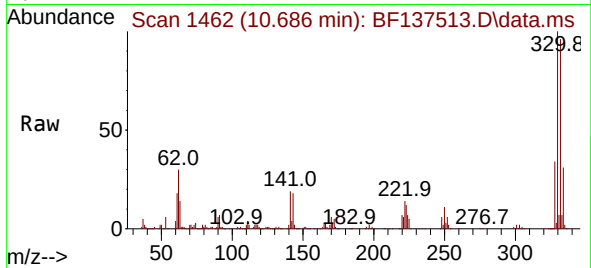




#42
 2,4,6-Tribromophenol
 Concen: 133.232 ng
 RT: 10.686 min Scan# 1462
 Delta R.T. -0.006 min
 Lab File: BF137513.D
 Acq: 06 Mar 2024 12:23

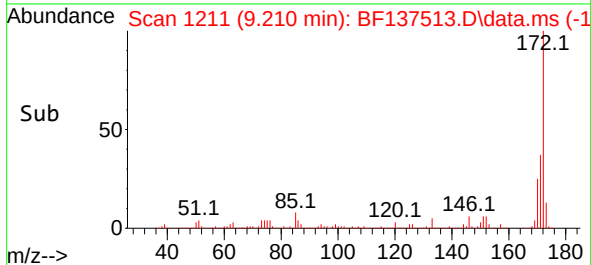
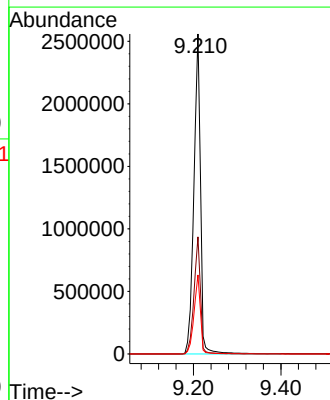
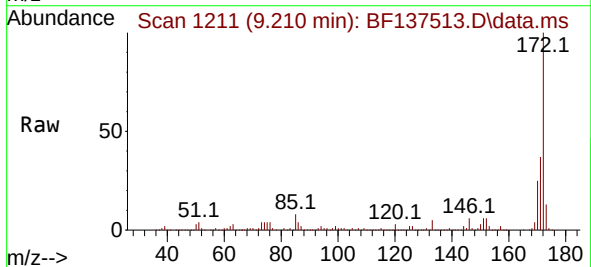
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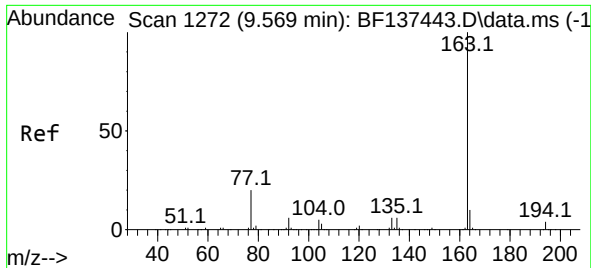
Tgt Ion:330 Resp: 654911
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.0 117.0
 141 29.0 27.3 40.9



#45
 2-Fluorobiphenyl
 Concen: 75.652 ng
 RT: 9.210 min Scan# 1211
 Delta R.T. -0.006 min
 Lab File: BF137513.D
 Acq: 06 Mar 2024 12:23

Tgt Ion:172 Resp: 2705208
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.5 42.7
 170 24.7 19.0 28.6





#50

Dimethylphthalate

Concen: 2.354 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.259 min

Lab File: BF137513.D

Acq: 06 Mar 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB159429TB

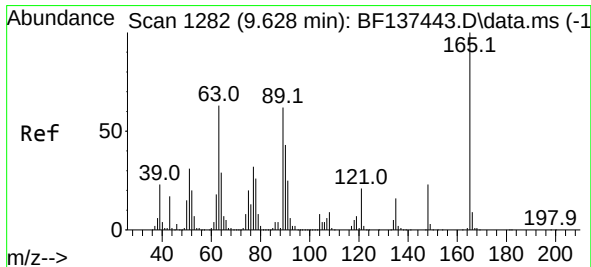
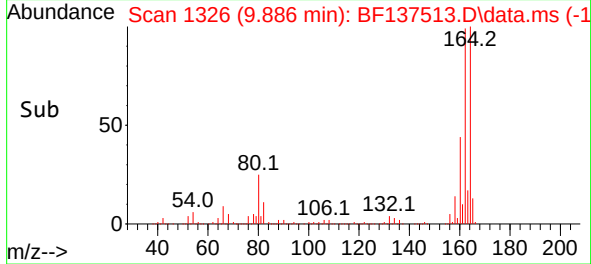
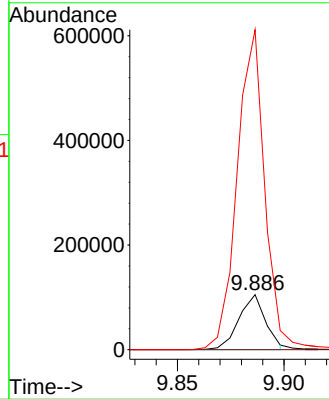
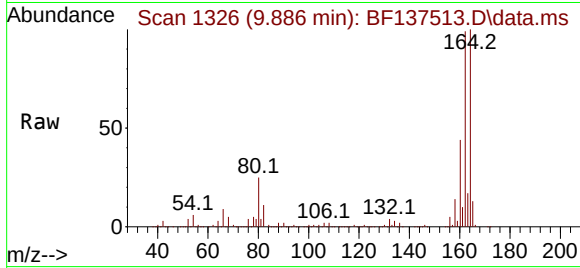
Tgt Ion:163 Resp: 91740

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 580.5 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 8.895 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.200 min

Lab File: BF137513.D

Acq: 06 Mar 2024 12:23

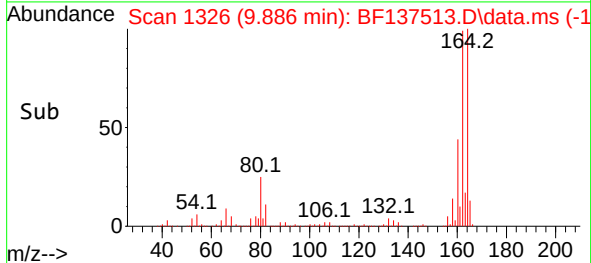
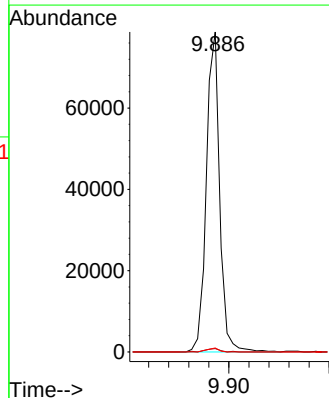
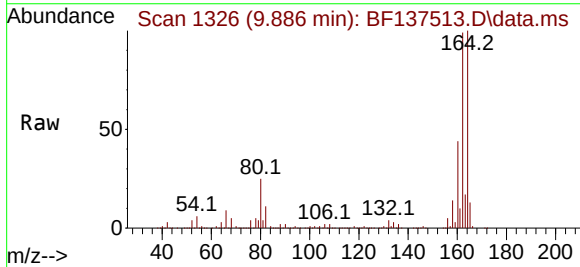
Tgt Ion:165 Resp: 72495

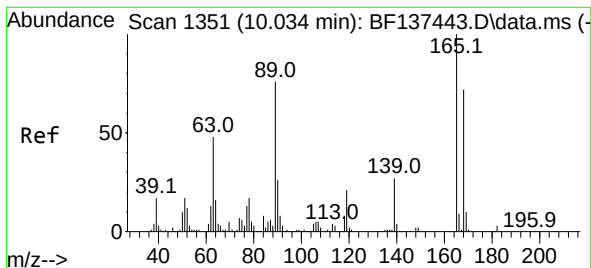
Ion Ratio Lower Upper

165 100

63 1.1 50.7 76.1#

89 1.2 50.0 75.0#

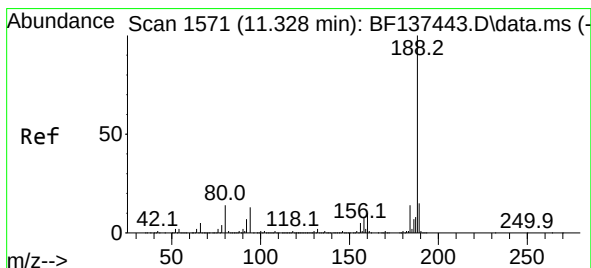
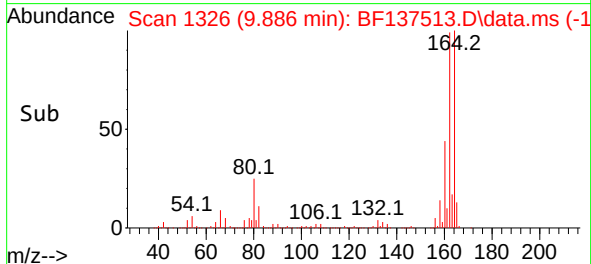
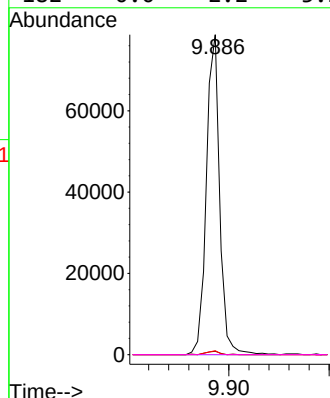
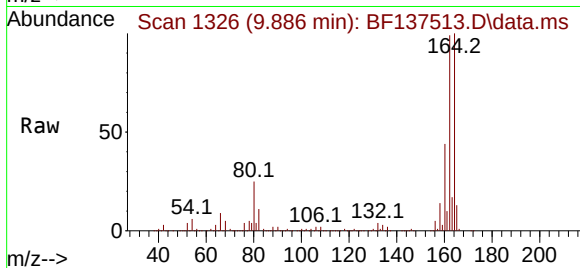




#57
2,4-Dinitrotoluene
Concen: 7.240 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

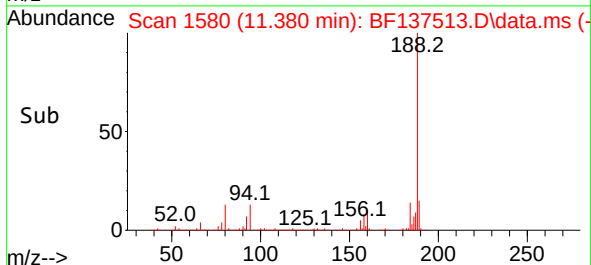
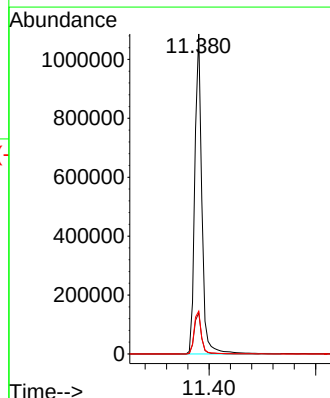
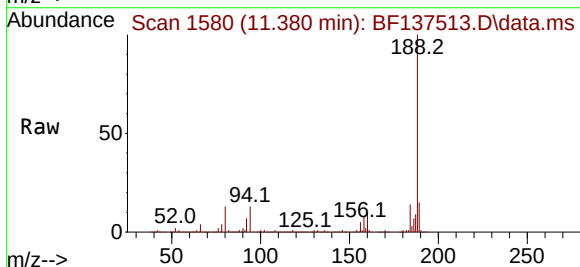
Instrument :
BNA_F
ClientSampleId :
PB159429TB

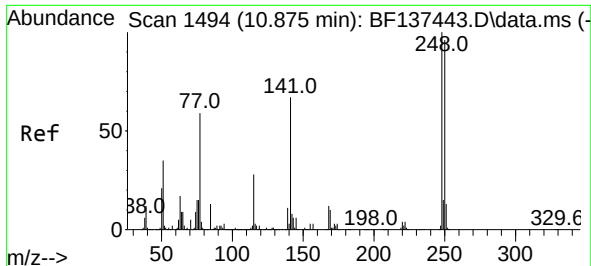
Tgt Ion:165 Resp: 72495
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

Tgt Ion:188 Resp: 1003867
Ion Ratio Lower Upper
188 100
94 12.9 10.6 15.8
80 13.4 11.5 17.3

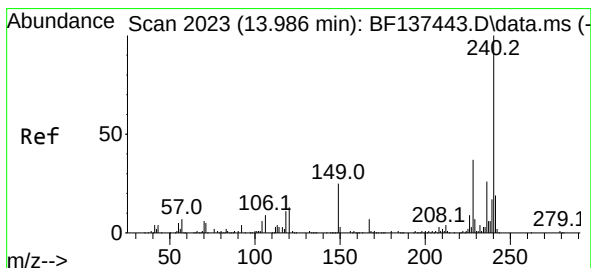
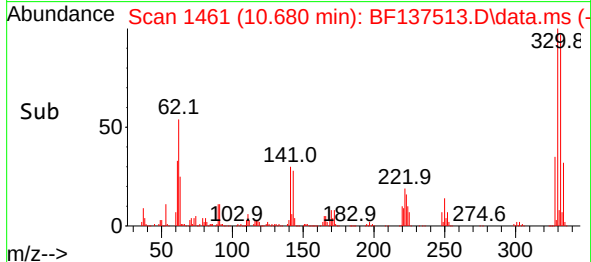
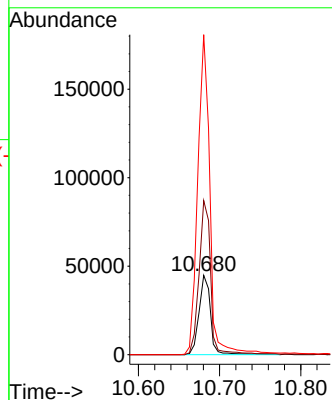
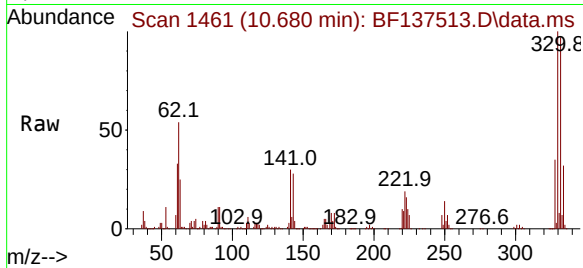




#67
4-Bromophenyl-phenylether
Concen: 4.068 ng
RT: 10.680 min Scan# 141
Delta R.T. -0.253 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

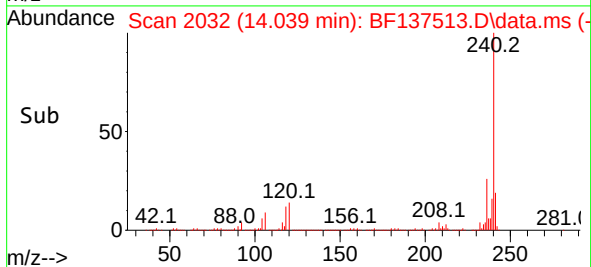
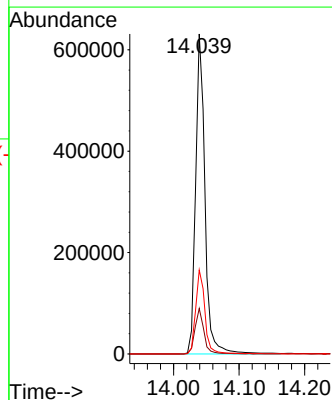
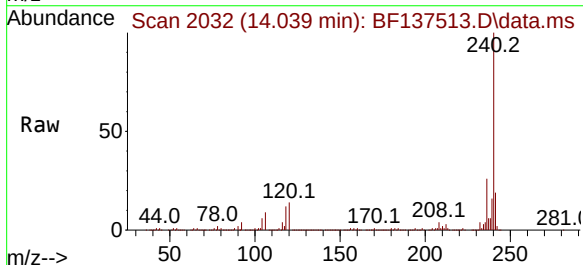
Instrument :
BNA_F
ClientSampleId :
PB159429TB

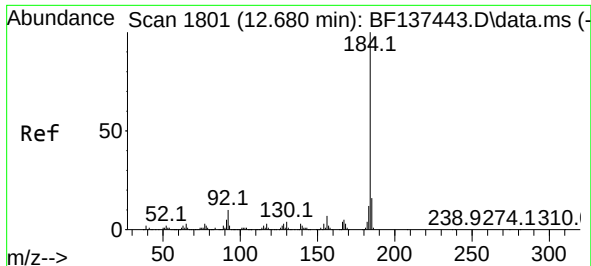
Tgt Ion:248 Resp: 44476
Ion Ratio Lower Upper
248 100
250 194.2 76.8 115.2#
141 403.4 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

Tgt Ion:240 Resp: 627112
Ion Ratio Lower Upper
240 100
120 14.2 10.4 15.6
236 26.2 20.9 31.3

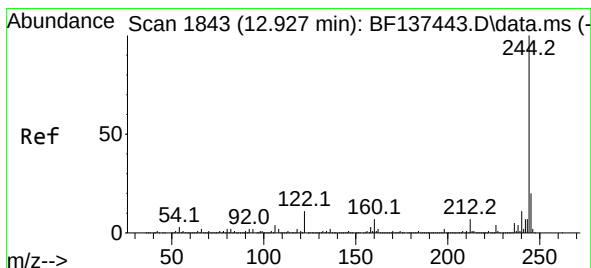
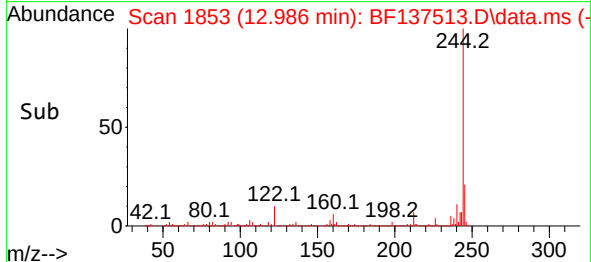
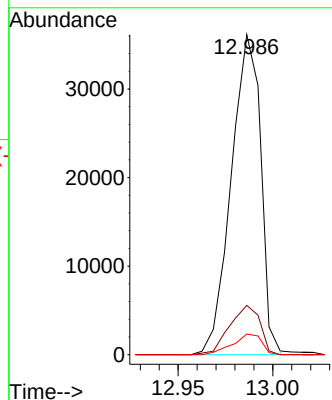
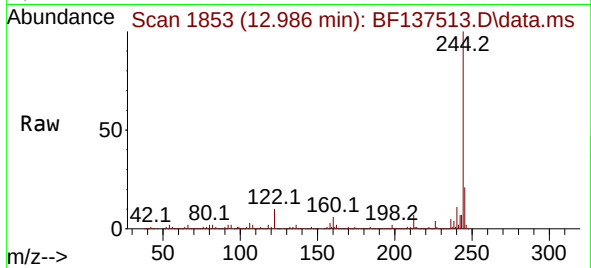




#77
Benzidine
Concen: 2.547 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.247 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

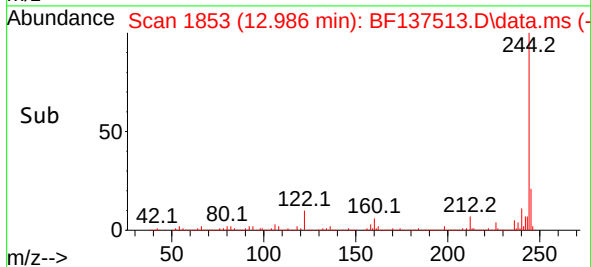
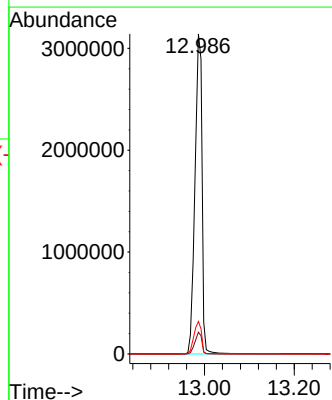
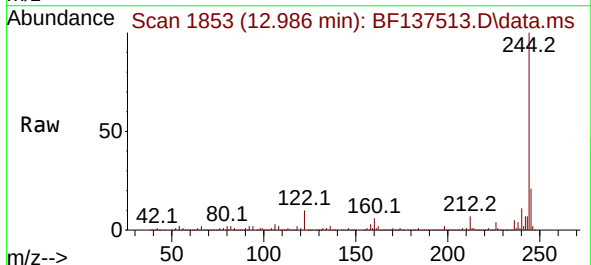
Instrument :
BNA_F
ClientSampleId :
PB159429TB

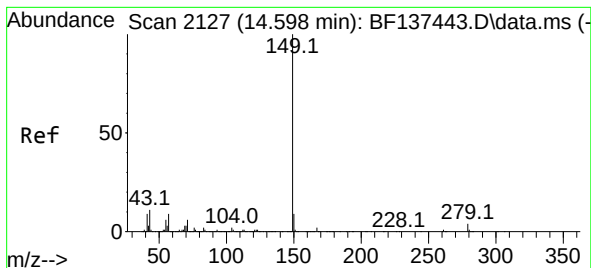
Tgt Ion:184 Resp: 39085
Ion Ratio Lower Upper
184 100
185 15.4 13.2 19.8
183 6.4 9.3 13.9#



#79
Terphenyl-d14
Concen: 75.078 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

Tgt Ion:244 Resp: 3423907
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.2 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.612 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137513.D

Acq: 06 Mar 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB159429TB

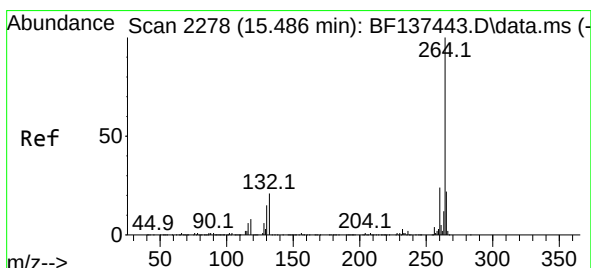
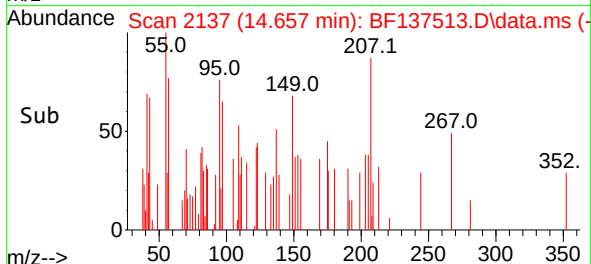
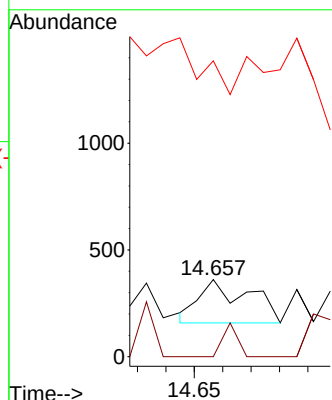
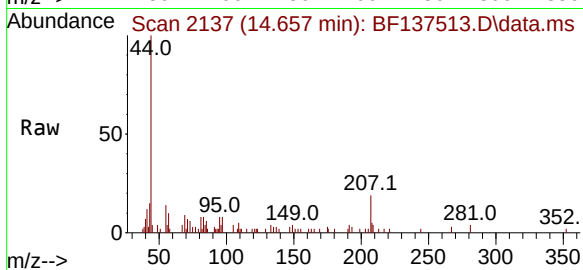
Tgt Ion:149 Resp: 245

Ion Ratio Lower Upper

149 100

167 22.9 1.2 1.8#

43 0.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2292

Delta R.T. 0.000 min

Lab File: BF137513.D

Acq: 06 Mar 2024 12:23

Tgt Ion:264 Resp: 495176

Ion Ratio Lower Upper

264 100

260 24.8 19.3 28.9

265 21.6 17.4 26.0

