

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137150.D
 Acq On : 25 Jan 2024 16:34
 Operator : CG\JU
 Sample : PB158626BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158626BL

Quant Time: Jan 25 23:38:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 23:14:32 2024
 Response via : Initial Calibration

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

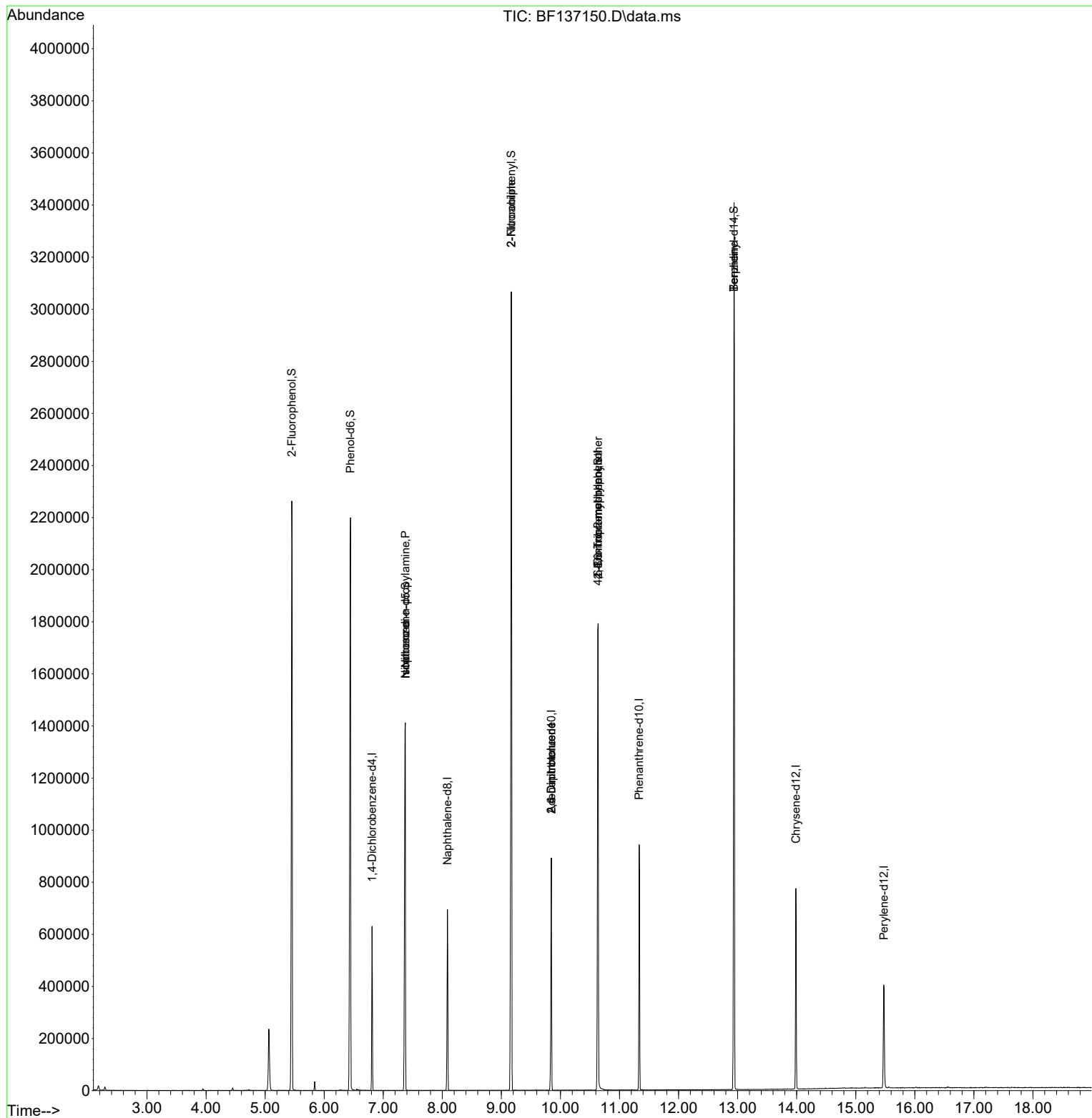
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	76227	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	299580	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	174454	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	346080	20.000	ng	0.00
76) Chrysene-d12	13.986	240	255215	20.000	ng	0.00
86) Perylene-d12	15.474	264	198689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	641400	124.662	ng	0.01
7) Phenol-d6	6.445	99	831526	122.918	ng	0.00
23) Nitrobenzene-d5	7.375	82	562503	88.020	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	234532	127.800	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1022250	81.577	ng	0.00
79) Terphenyl-d14	12.939	244	1310252	73.413	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	75515	16.499	ng	# 77
25) Isophorone	7.375	82	562386	44.567	ng	# 70
48) 2-Nitroaniline	9.169	65	1889	4.646	ng	# 1
51) 2,6-Dinitrotoluene	9.845	165	22978	11.973	ng	# 14
57) 2,4-Dinitrotoluene	9.845	165	22978	11.245	ng	# 13
65) 4,6-Dinitro-2-methylph...	10.633	198	526	8.526	ng	# 1
67) 4-Bromophenyl-phenylether	10.639	248	15770	3.955	ng	# 1
77) Benzidine	12.939	184	15740	3.180	ng	# 92

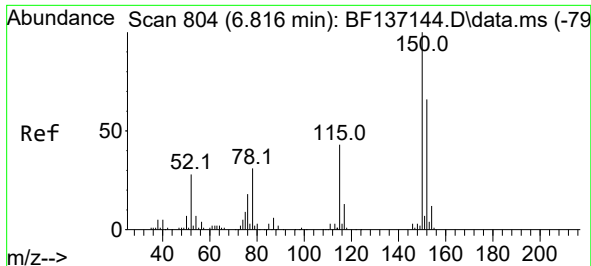
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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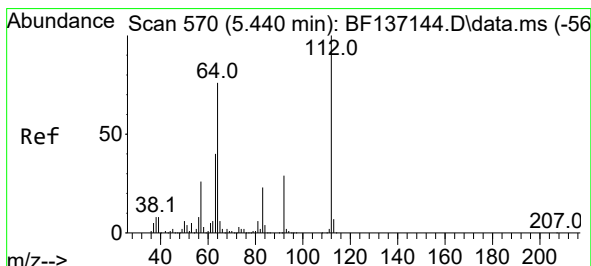
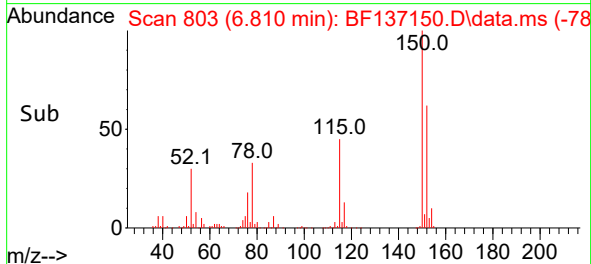
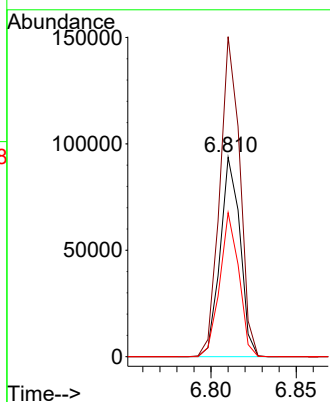
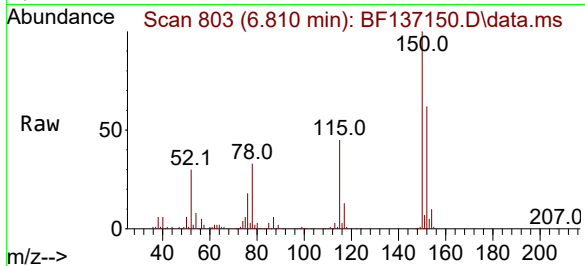




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF137150.D
Acq: 25 Jan 2024 16:34

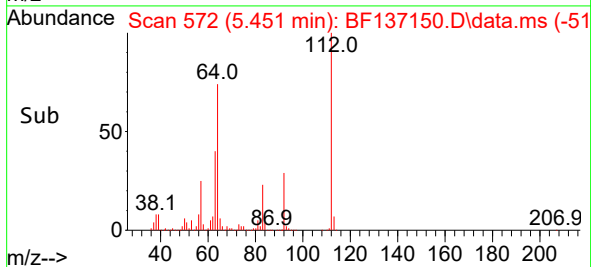
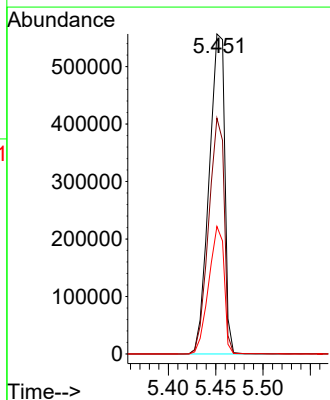
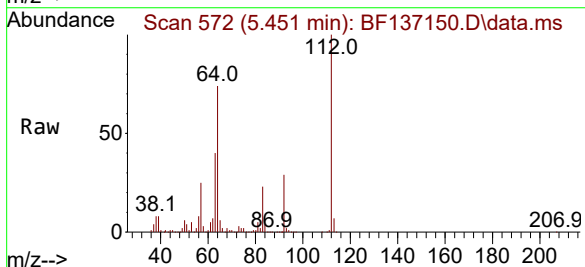
Instrument :
BNA_F
ClientSampleId :
PB158626BL

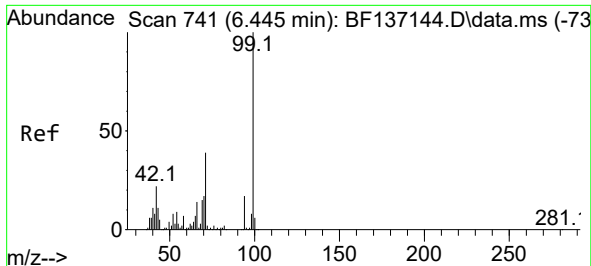
Tgt Ion:152 Resp: 76227
Ion Ratio Lower Upper
152 100
150 160.5 121.2 181.8
115 72.2 52.5 78.7



#5
2-Fluorophenol
Concen: 124.662 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF137150.D
Acq: 25 Jan 2024 16:34

Tgt Ion:112 Resp: 641400
Ion Ratio Lower Upper
112 100
64 73.7 60.8 91.2
63 39.8 32.1 48.1

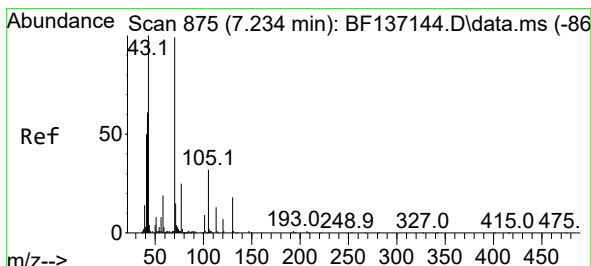
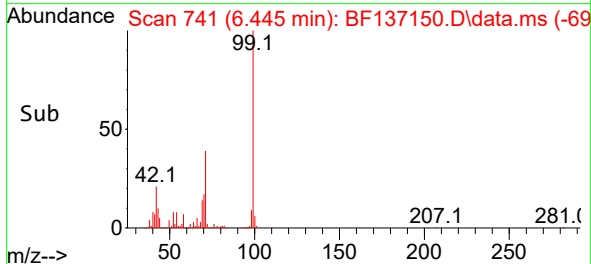
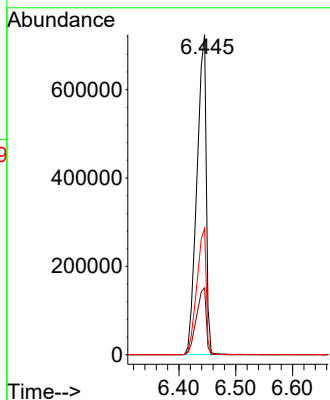
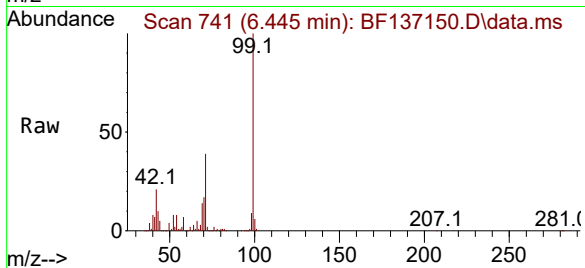




#7
Phenol-d6
Concen: 122.918 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF137150.D
Acq: 25 Jan 2024 16:34

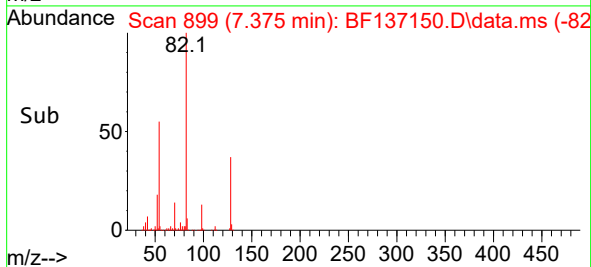
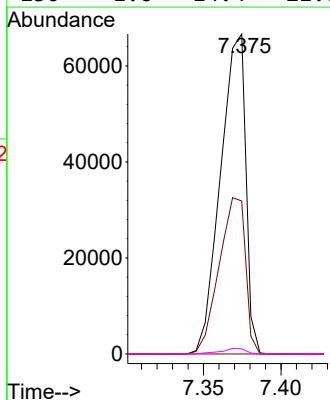
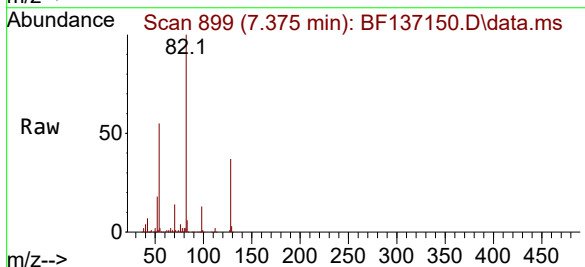
Instrument :
BNA_F
ClientSampleId :
PB158626BL

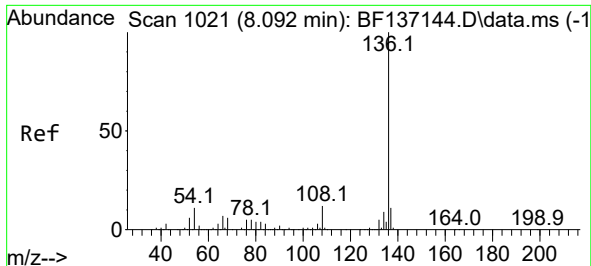
Tgt Ion: 99 Resp: 831526
Ion Ratio Lower Upper
99 100
42 20.9 17.5 26.3
71 39.4 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.499 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.141 min
Lab File: BF137150.D
Acq: 25 Jan 2024 16:34

Tgt Ion: 70 Resp: 75515
Ion Ratio Lower Upper
70 100
42 47.8 49.3 73.9#
101 0.0 7.4 11.0#
130 1.6 14.4 21.6#

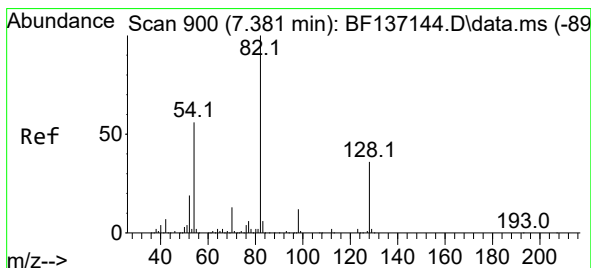
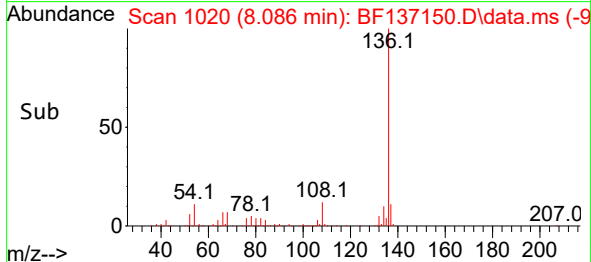
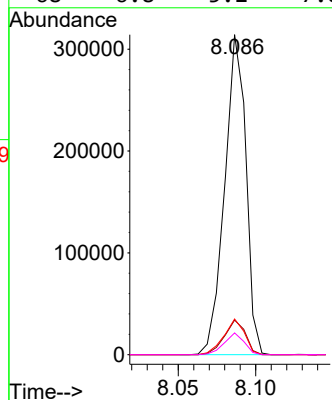
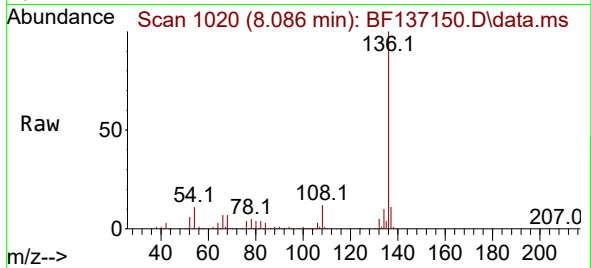




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137150.D
Acq: 25 Jan 2024 16:34

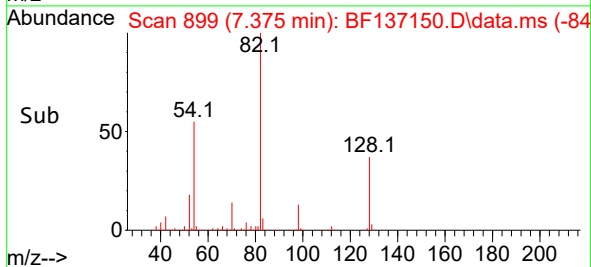
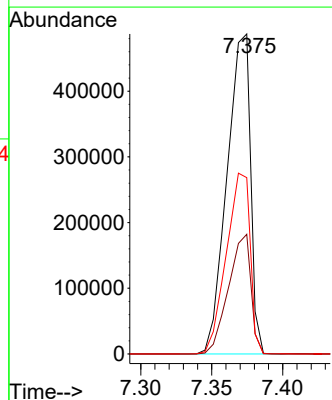
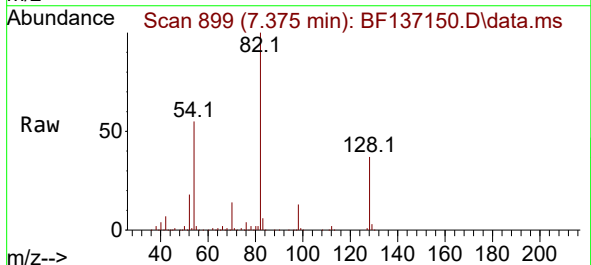
Instrument :
BNA_F
ClientSampleId :
PB158626BL

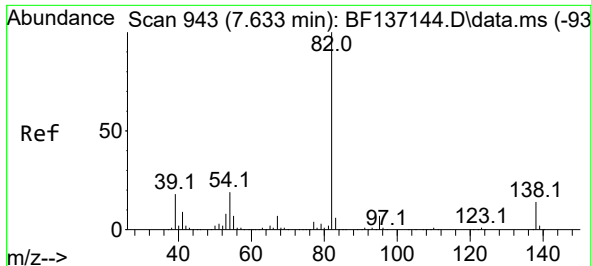
Tgt Ion:136 Resp: 299580
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 11.1 8.8 13.2
68 6.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 88.020 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF137150.D
Acq: 25 Jan 2024 16:34

Tgt Ion: 82 Resp: 562503
Ion Ratio Lower Upper
82 100
128 37.4 29.0 43.6
54 55.1 44.6 67.0

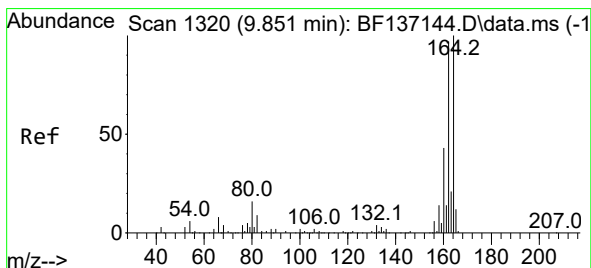
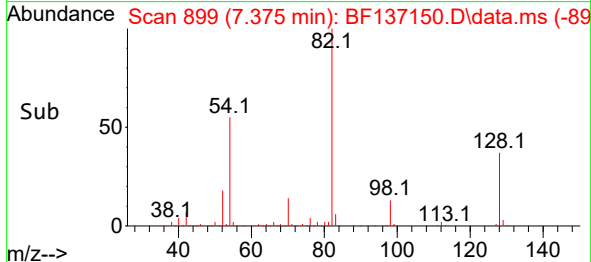
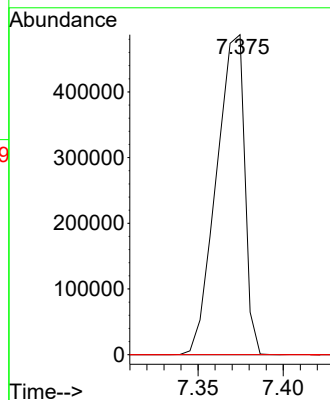
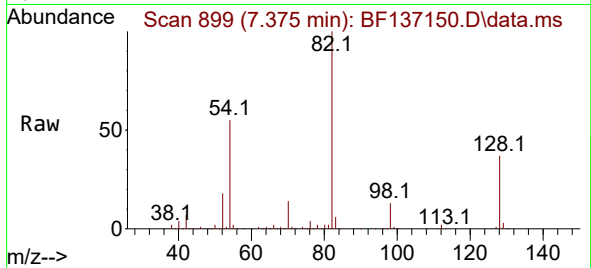




#25
Isophorone
Concen: 44.567 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.258 min
Lab File: BF137150.D
Acq: 25 Jan 2024 16:34

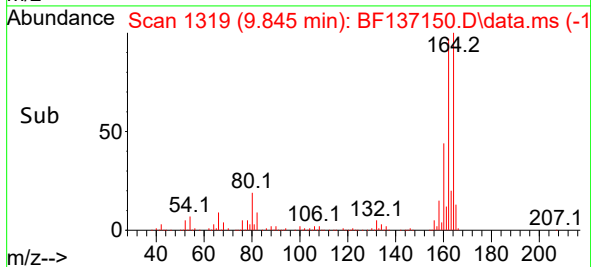
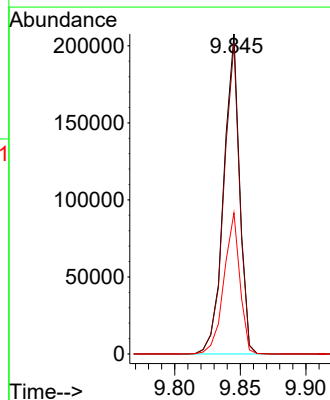
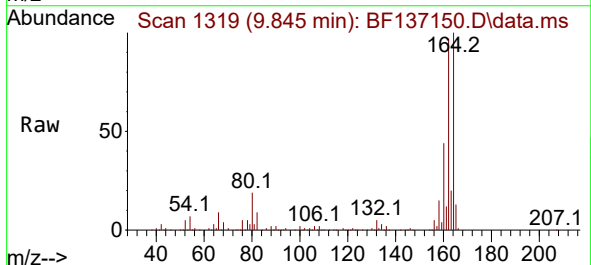
Instrument :
BNA_F
ClientSampleId :
PB158626BL

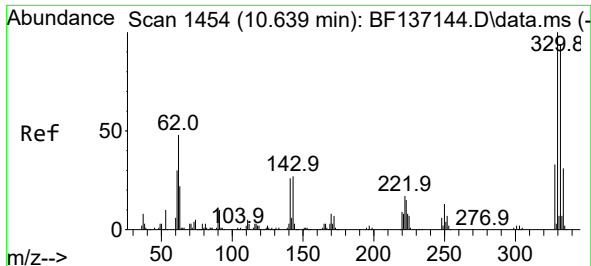
Tgt Ion: 82 Resp: 562386
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF137150.D
Acq: 25 Jan 2024 16:34

Tgt Ion:164 Resp: 174454
Ion Ratio Lower Upper
164 100
162 97.0 77.5 116.3
160 44.1 34.7 52.1





#42

2,4,6-Tribromophenol

Concen: 127.800 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.000 min

Lab File: BF137150.D

Acq: 25 Jan 2024 16:34

Instrument :

BNA_F

ClientSampleId :

PB158626BL

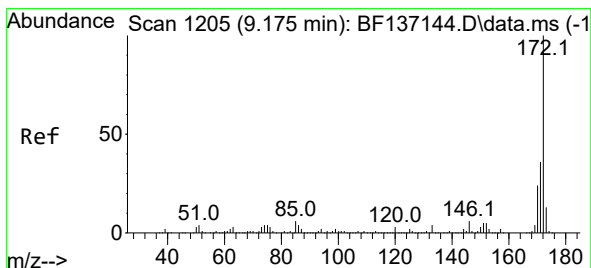
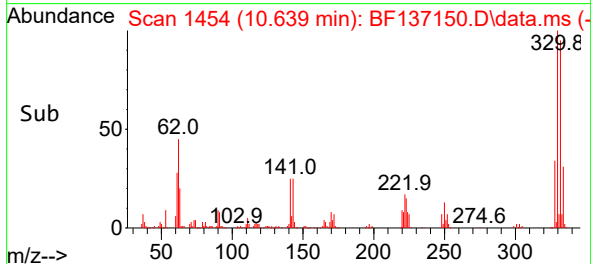
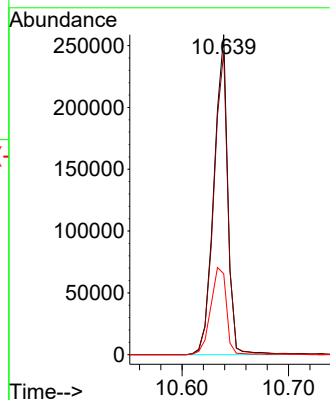
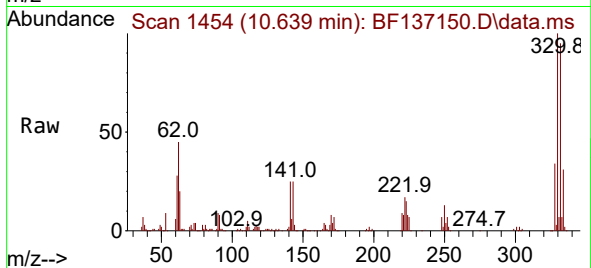
Tgt Ion:330 Resp: 234532

Ion Ratio Lower Upper

330 100

332 97.0 75.4 113.0

141 31.1 24.8 37.2



#45

2-Fluorobiphenyl

Concen: 81.577 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF137150.D

Acq: 25 Jan 2024 16:34

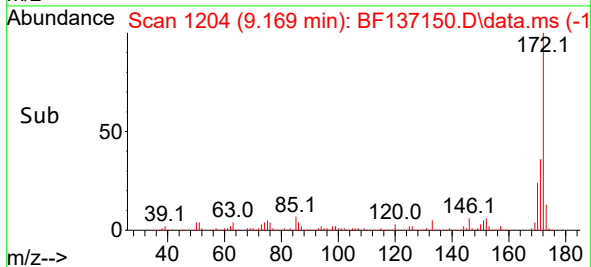
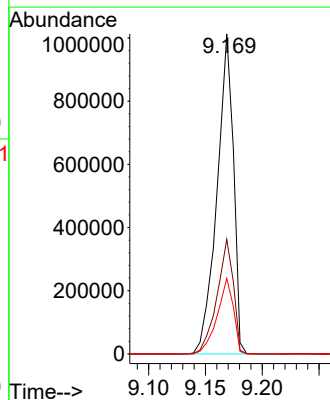
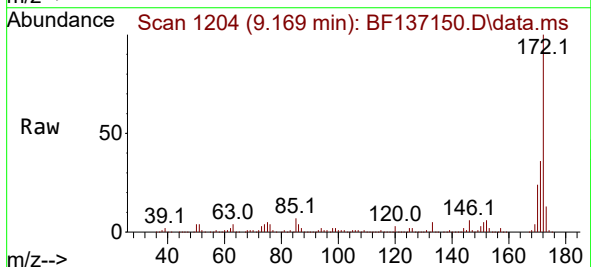
Tgt Ion:172 Resp: 1022250

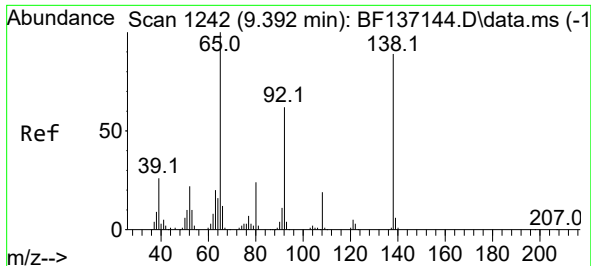
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.7 18.8 28.2

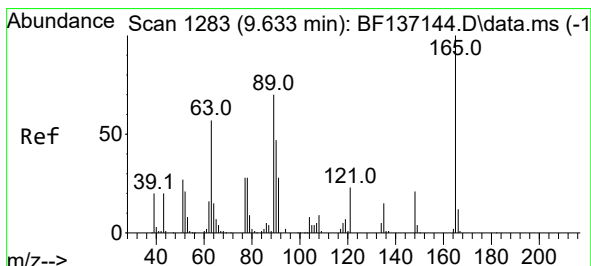
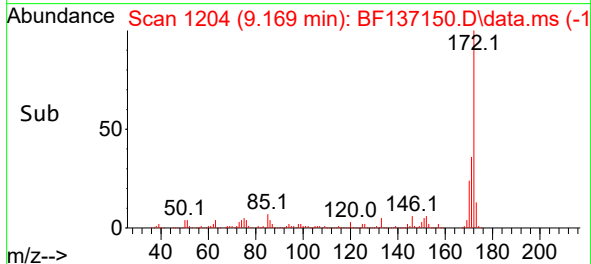
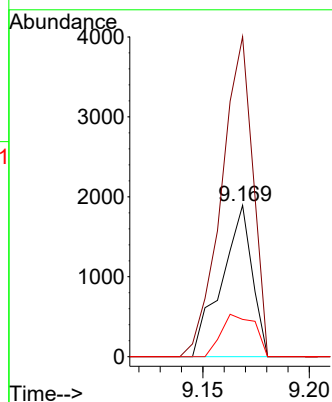
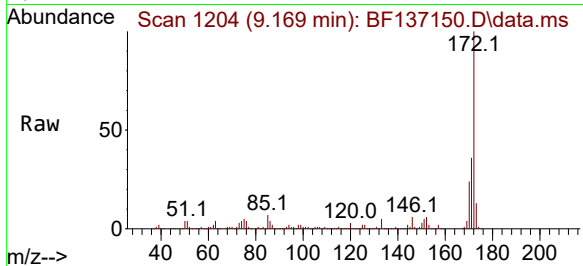




#48
 2-Nitroaniline
 Concen: 4.646 ng
 RT: 9.169 min Scan# 11
 Delta R.T. -0.223 min
 Lab File: BF137150.D
 Acq: 25 Jan 2024 16:34

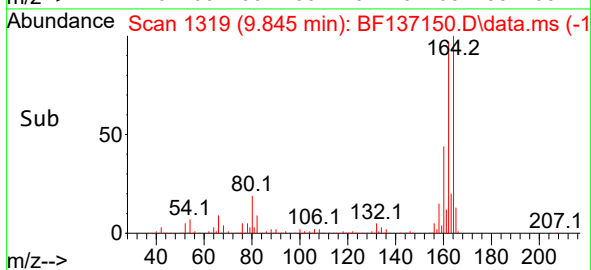
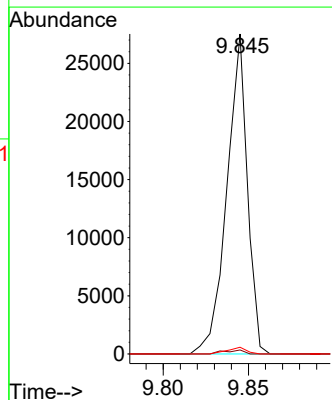
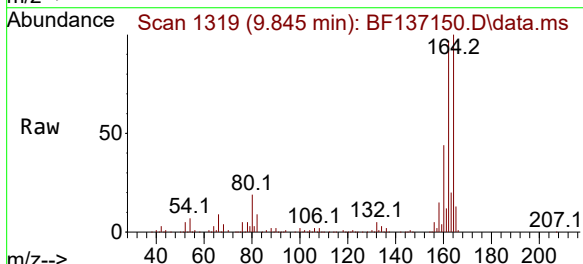
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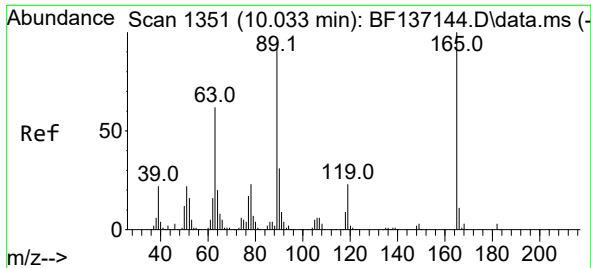
Tgt Ion: 65 Resp: 1889
 Ion Ratio Lower Upper
 65 100
 92 211.5 49.4 74.2#
 138 24.7 70.8 106.2#



#51
 2,6-Dinitrotoluene
 Concen: 11.973 ng
 RT: 9.845 min Scan# 1319
 Delta R.T. 0.212 min
 Lab File: BF137150.D
 Acq: 25 Jan 2024 16:34

Tgt Ion: 165 Resp: 22978
 Ion Ratio Lower Upper
 165 100
 63 1.3 64.4 96.6#
 89 2.1 55.7 83.5#

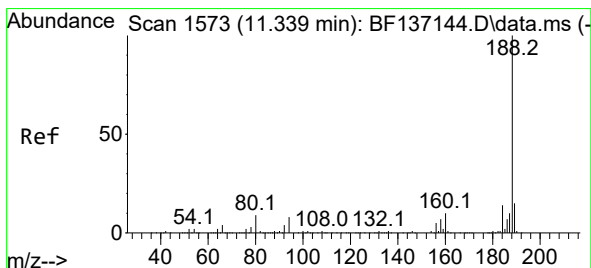
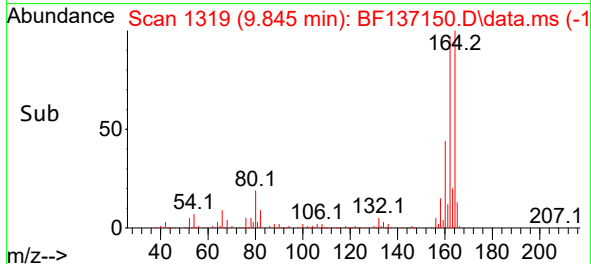
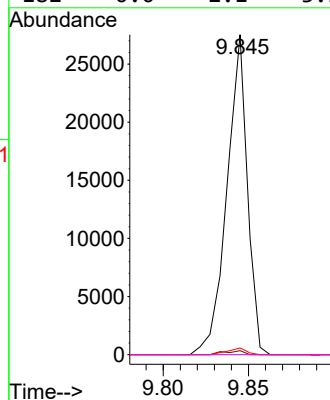
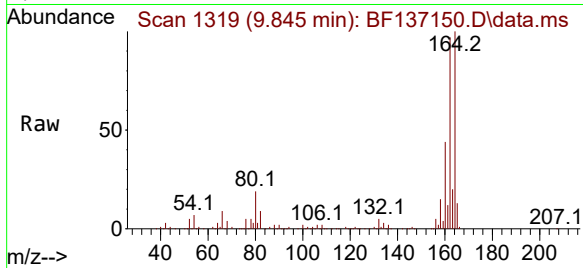




#57
2,4-Dinitrotoluene
Concen: 11.245 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF137150.D
Acq: 25 Jan 2024 16:34

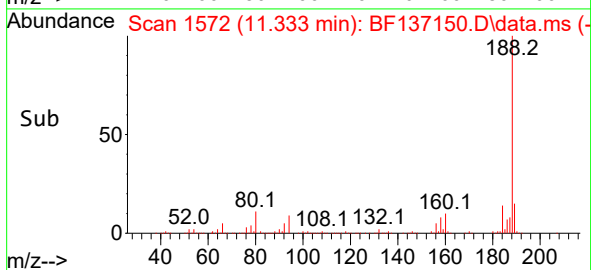
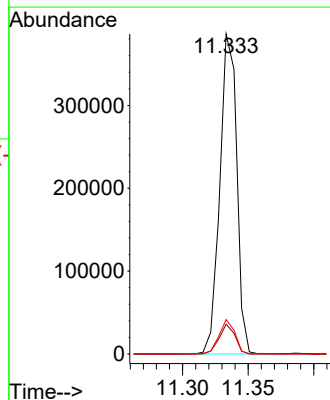
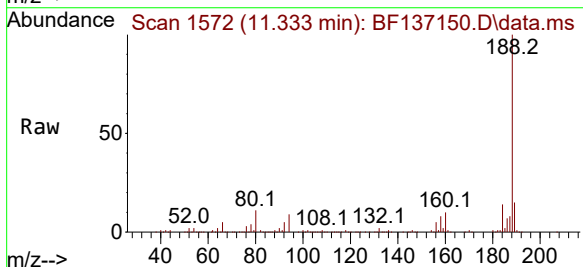
Instrument :
BNA_F
ClientSampleId :
PB158626BL

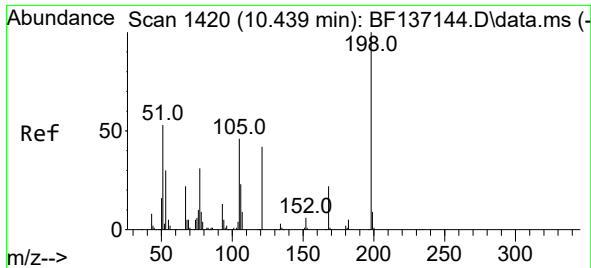
Tgt Ion:165 Resp: 22978
Ion Ratio Lower Upper
165 100
63 1.3 49.4 74.2#
89 2.1 73.5 110.3#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF137150.D
Acq: 25 Jan 2024 16:34

Tgt Ion:188 Resp: 346080
Ion Ratio Lower Upper
188 100
94 9.3 6.4 9.6
80 10.8 7.4 11.0

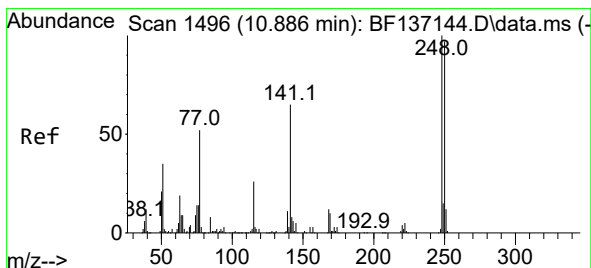
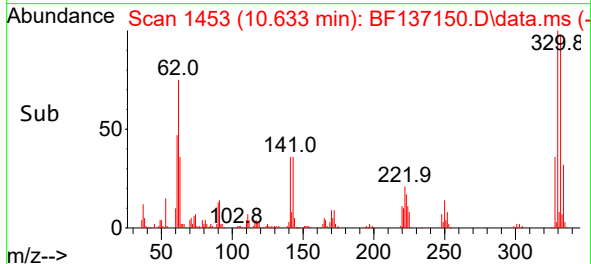
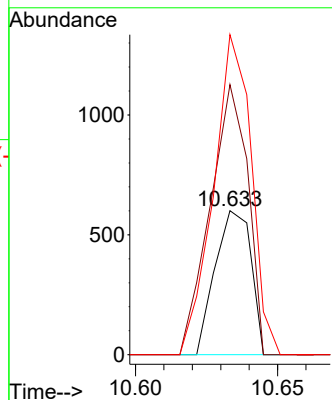
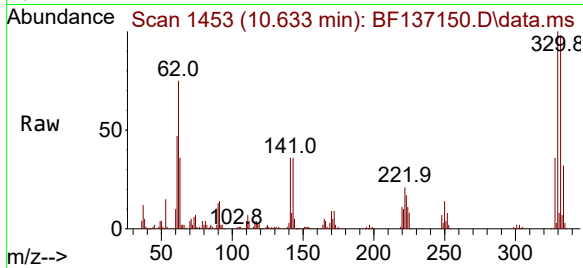




#65
4,6-Dinitro-2-methylphenol
Concen: 8.526 ng
RT: 10.633 min Scan# 1420
Delta R.T. 0.194 min
Lab File: BF137150.D
Acq: 25 Jan 2024 16:34

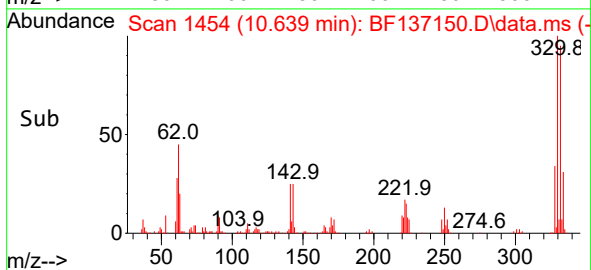
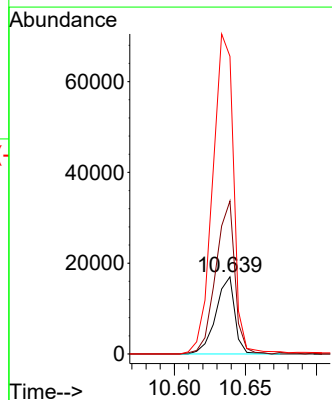
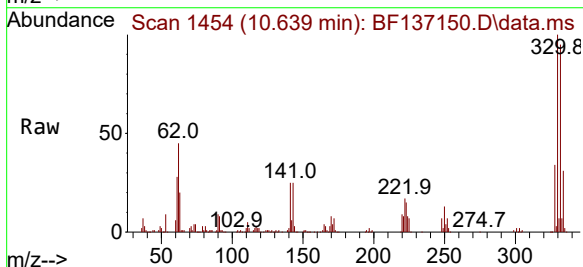
Instrument :
BNA_F
ClientSampleId :
PB158626BL

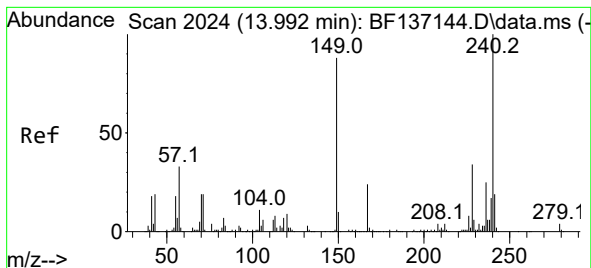
Tgt Ion:198 Resp: 526
Ion Ratio Lower Upper
198 100
51 187.5 44.7 84.7#
105 222.1 28.2 68.2#



#67
4-Bromophenyl-phenylether
Concen: 3.955 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF137150.D
Acq: 25 Jan 2024 16:34

Tgt Ion:248 Resp: 15770
Ion Ratio Lower Upper
248 100
250 198.0 77.7 116.5#
141 385.5 52.3 78.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137150.D

Acq: 25 Jan 2024 16:34

Instrument :

BNA_F

ClientSampleId :

PB158626BL

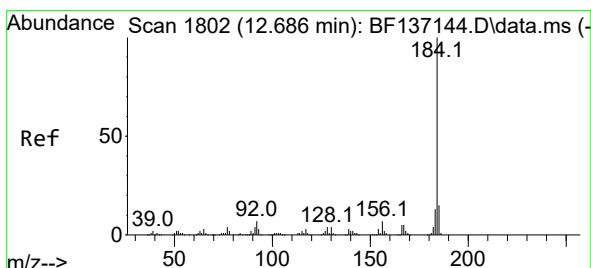
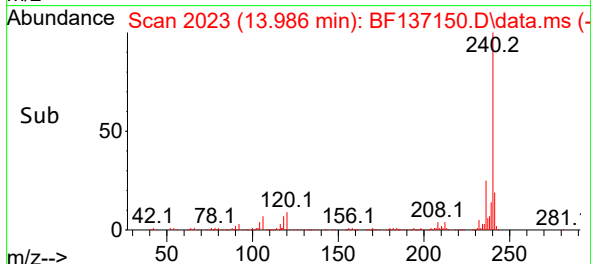
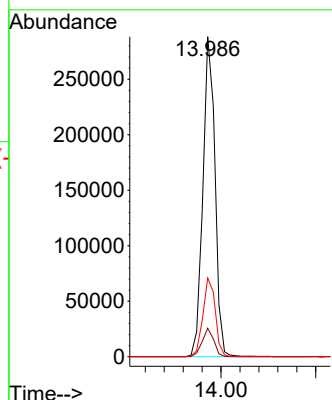
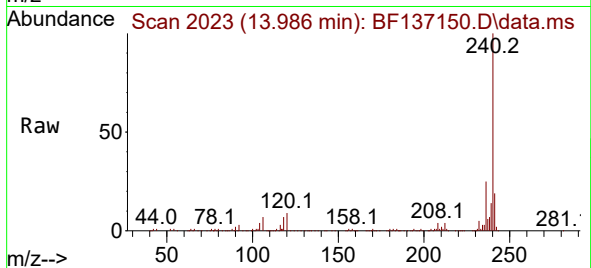
Tgt Ion:240 Resp: 255215

Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

236 24.6 20.4 30.6



#77

Benzidine

Concen: 3.180 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.253 min

Lab File: BF137150.D

Acq: 25 Jan 2024 16:34

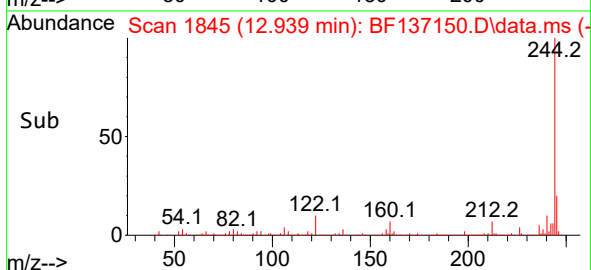
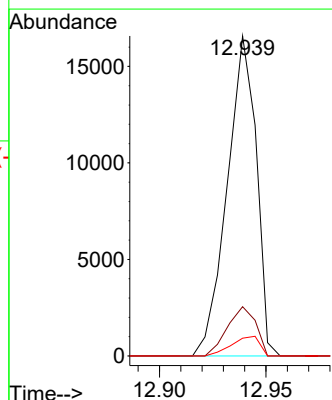
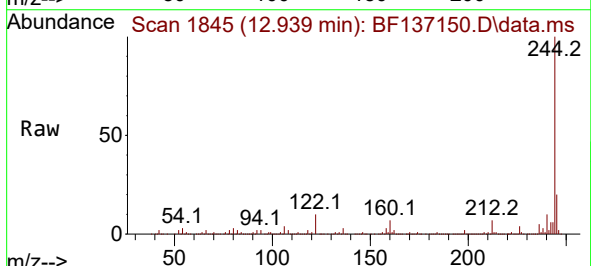
Tgt Ion:184 Resp: 15740

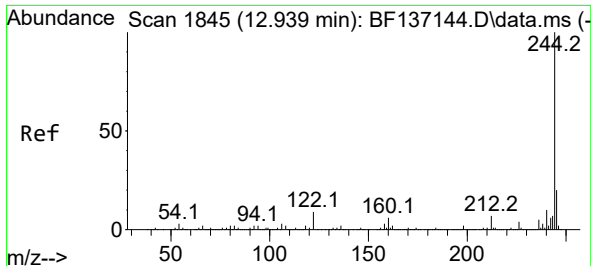
Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.4

183 5.5 10.0 15.0#

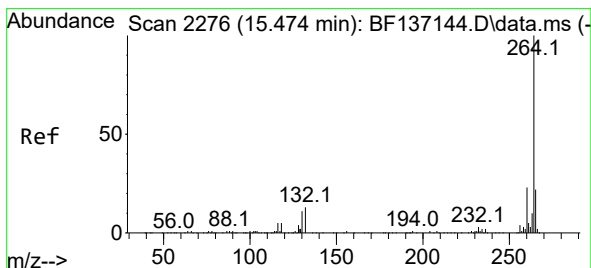
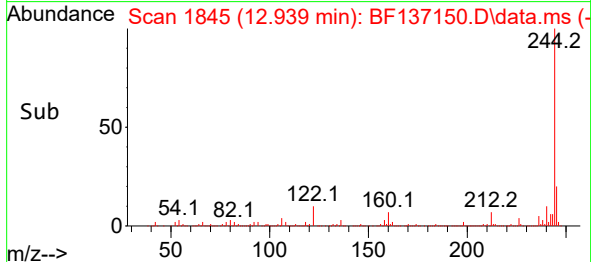
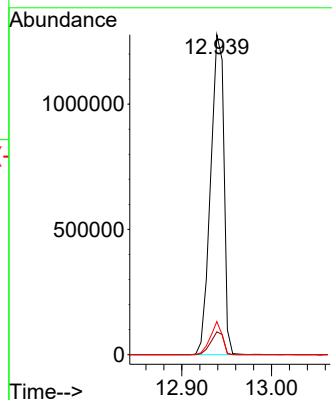
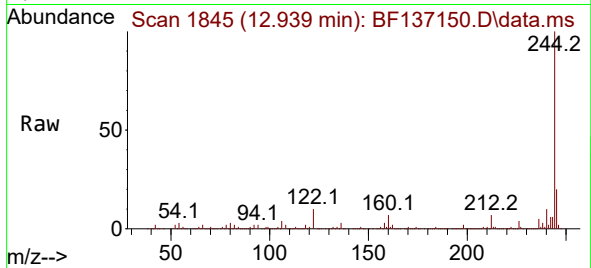




#79
 Terphenyl-d14
 Concen: 73.413 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: BF137150.D
 Acq: 25 Jan 2024 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB158626BL

Tgt Ion:244 Resp: 1310252
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.3 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. -0.000 min
 Lab File: BF137150.D
 Acq: 25 Jan 2024 16:34

Tgt Ion:264 Resp: 198689
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.5 27.7
 265 22.1 17.2 25.8

