

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
 Data File : BF137499.D
 Acq On : 05 Mar 2024 14:25
 Operator : CG\JU
 Sample : PB159437BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159437BL

Quant Time: Mar 05 14:52:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

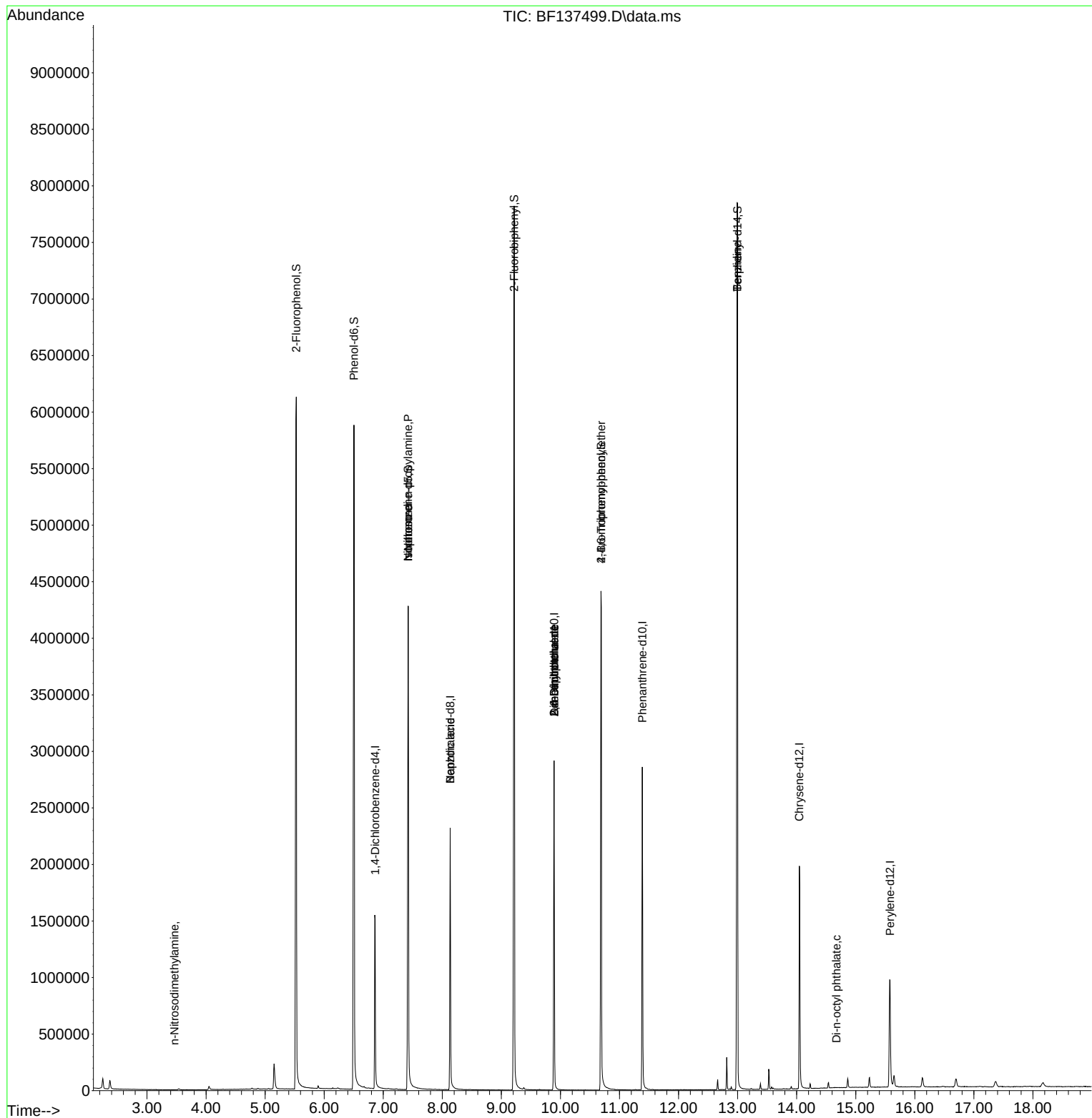
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	255527	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	1014316	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	562112	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	1019551	20.000	ng	0.00
76) Chrysene-d12	14.045	240	709883	20.000	ng	0.00
86) Perylene-d12	15.580	264	537124	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1936439	114.775	ng	0.02
7) Phenol-d6	6.504	99	2687156	110.339	ng	0.00
23) Nitrobenzene-d5	7.422	82	1710743	78.366	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	631300	127.889	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2665883	74.239	ng	0.00
79) Terphenyl-d14	12.998	244	3342878	64.754	ng	0.00
Target Compounds					Qvalue	
4) n-Nitrosodimethylamine	3.463	42	158	3.825	ng	# 1
19) n-Nitroso-di-n-propyla...	7.422	70	225737	15.010	ng	# 81
25) Isophorone	7.422	82	1710735	41.249	ng	# 69
32) Benzoic acid	8.133	122	78	6.306	ng	# 1
50) Dimethylphthalate	9.892	163	112649	2.879	ng	# 1
51) 2,6-Dinitrotoluene	9.892	165	72937	8.912	ng	# 20
57) 2,4-Dinitrotoluene	9.892	165	72937	7.254	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	42216	3.802	ng	# 1
77) Benzidine	12.992	184	38495	2.216	ng	# 92
85) Di-n-octyl phthalate	14.674	149	400	5.615	ng	# 72

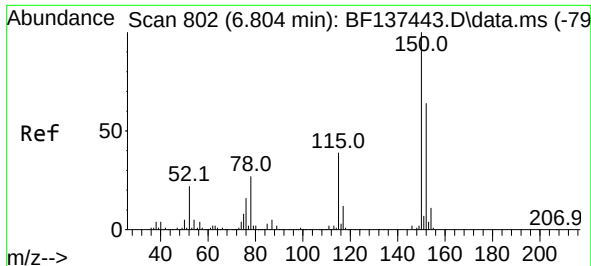
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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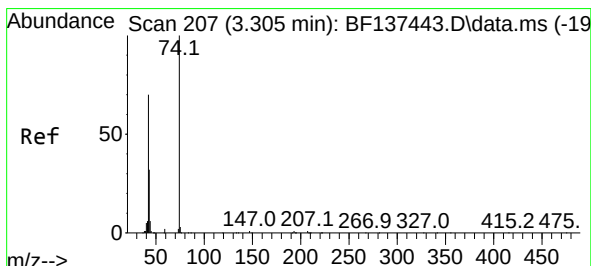
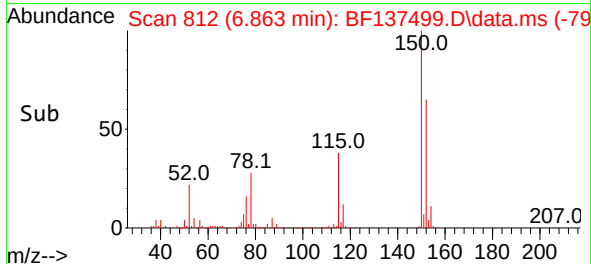
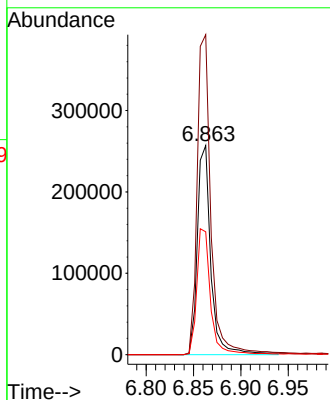
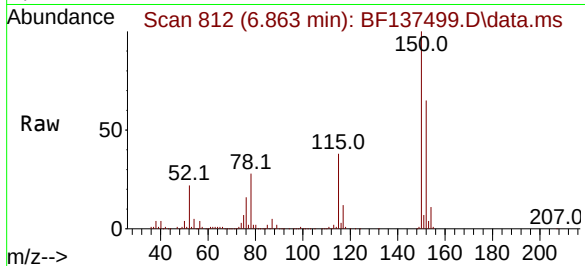




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

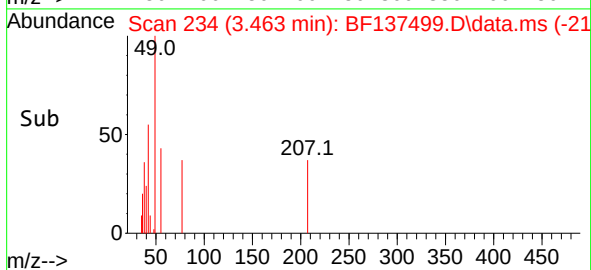
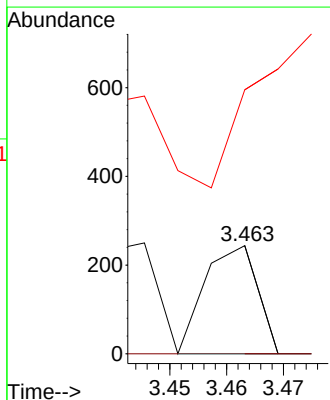
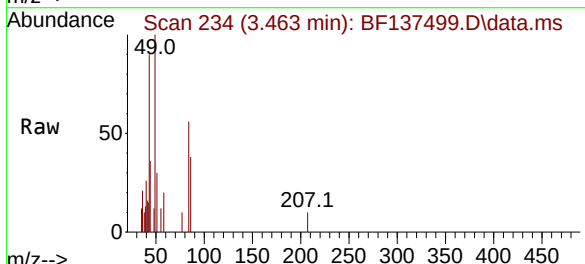
Instrument :
BNA_F
ClientSampleId :
PB159437BL

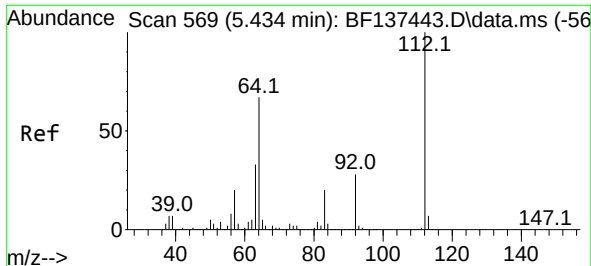
Tgt Ion:152 Resp: 255527
Ion Ratio Lower Upper
152 100
150 153.1 125.8 188.6
115 58.8 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.825 ng
RT: 3.463 min Scan# 234
Delta R.T. 0.018 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

Tgt Ion: 42 Resp: 158
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 243.9 7.0 10.4#

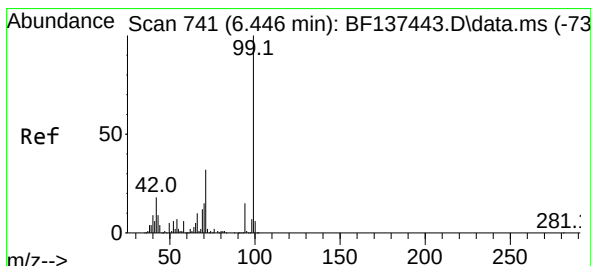
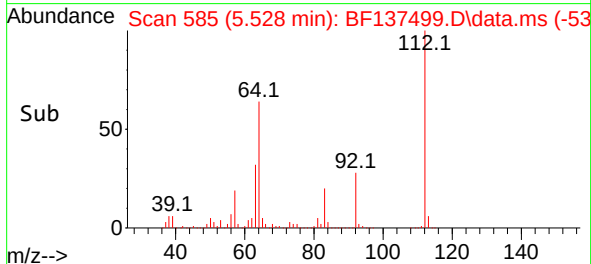
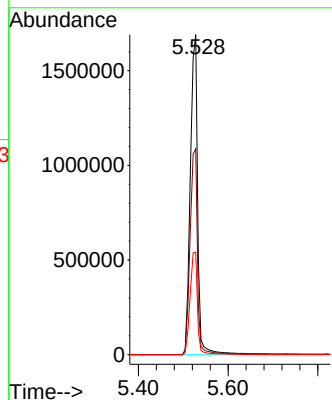
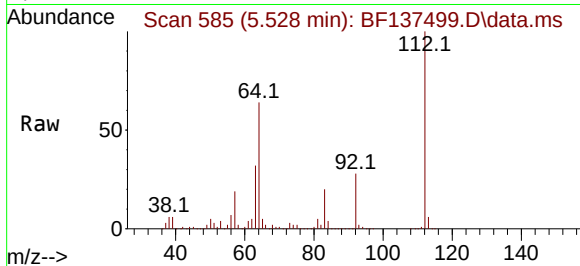




#5
2-Fluorophenol
Concen: 114.775 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

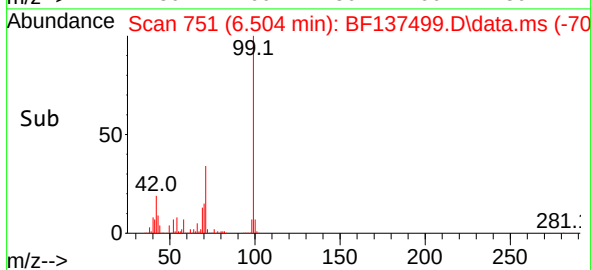
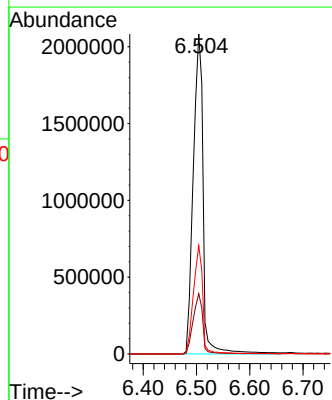
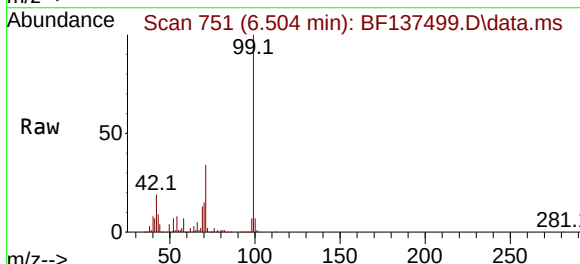
Instrument :
BNA_F
ClientSampleId :
PB159437BL

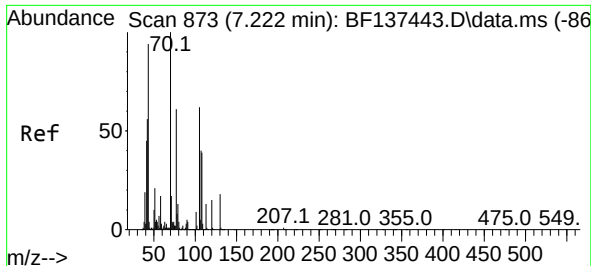
Tgt Ion:112 Resp: 1936439
Ion Ratio Lower Upper
112 100
64 64.3 53.4 80.2
63 32.1 26.2 39.2



#7
Phenol-d6
Concen: 110.339 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

Tgt Ion: 99 Resp: 2687156
Ion Ratio Lower Upper
99 100
42 18.9 14.6 21.8
71 33.9 25.3 37.9

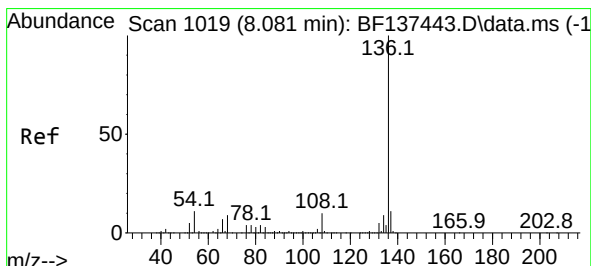
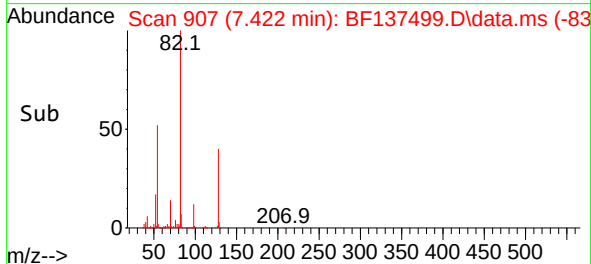
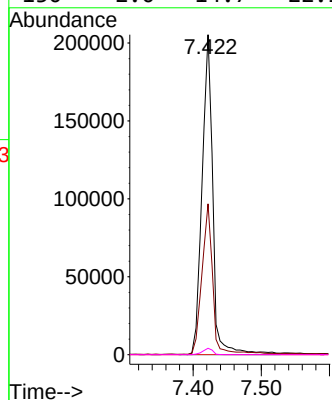
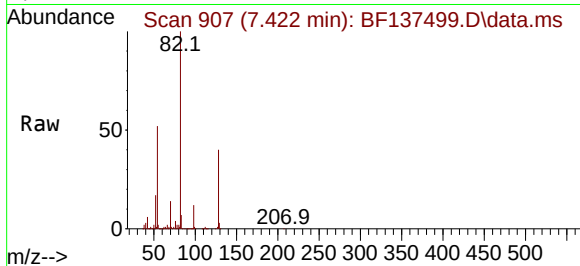




#19
n-Nitroso-di-n-propylamine
Concen: 15.010 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

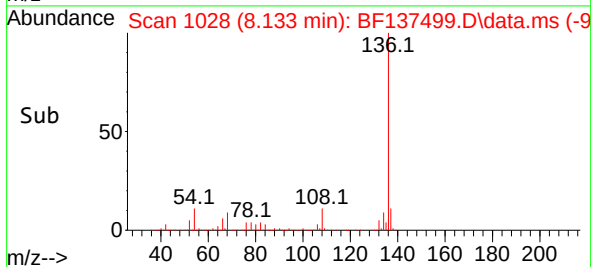
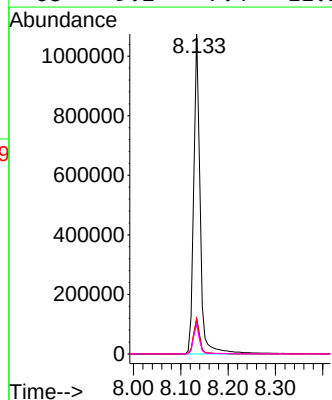
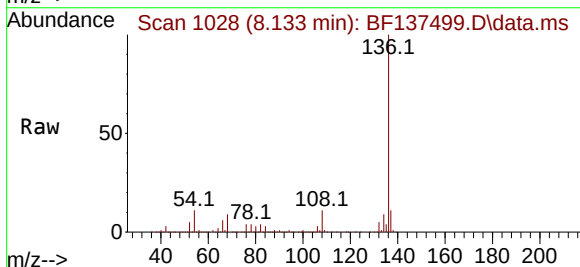
Instrument :
BNA_F
ClientSampleId :
PB159437BL

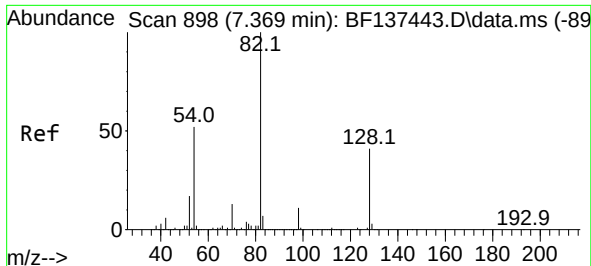
Tgt Ion: 70 Resp: 225737
Ion Ratio Lower Upper
70 100
42 47.1 45.2 67.8
101 0.0 7.3 10.9#
130 2.0 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

Tgt Ion:136 Resp: 1014316
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.9 8.5 12.7
68 9.2 7.4 11.2

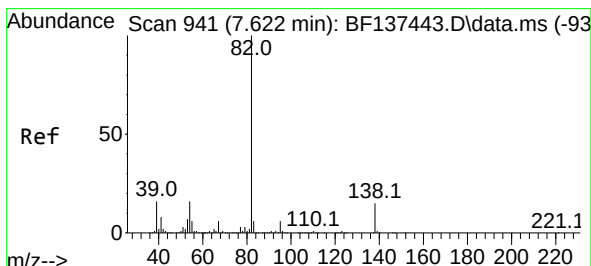
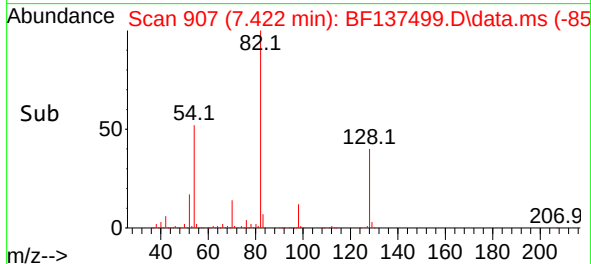
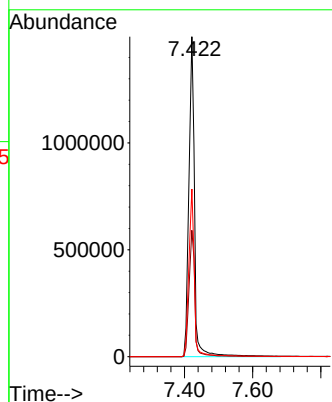
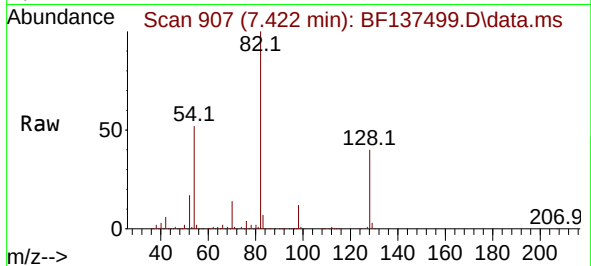




#23
Nitrobenzene-d5
Concen: 78.366 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

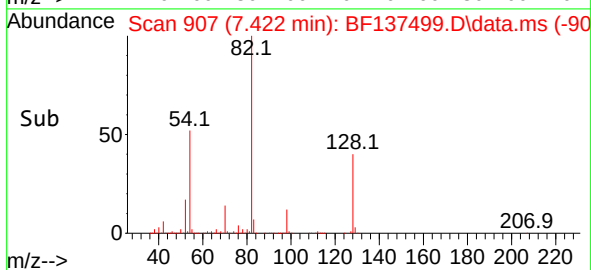
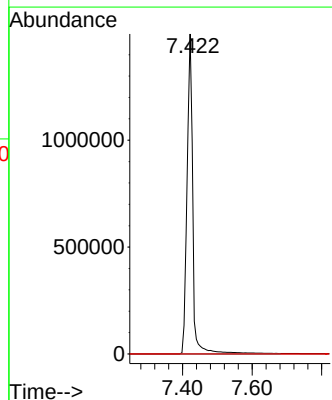
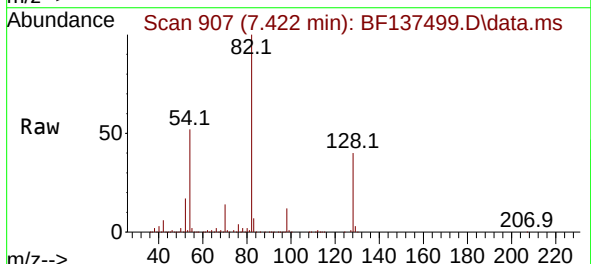
Instrument :
BNA_F
ClientSampleId :
PB159437BL

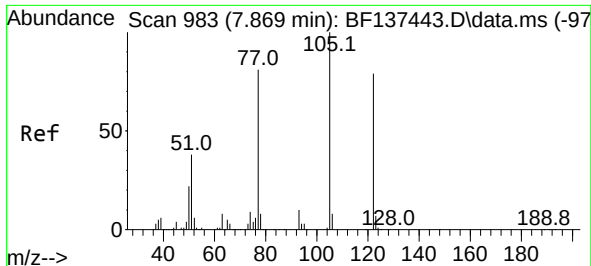
Tgt Ion: 82 Resp: 1710743
Ion Ratio Lower Upper
82 100
128 39.5 32.5 48.7
54 52.4 41.5 62.3



#25
Isophorone
Concen: 41.249 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.259 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

Tgt Ion: 82 Resp: 1710735
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

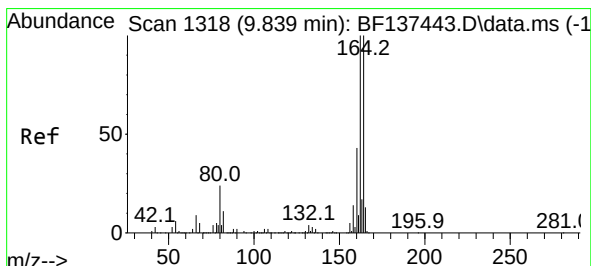
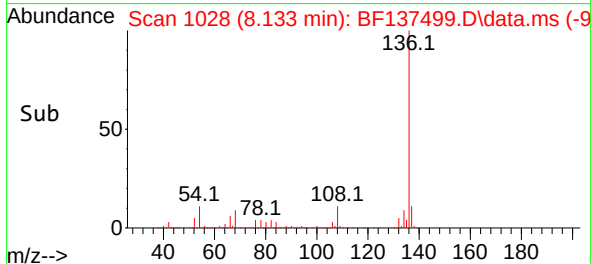
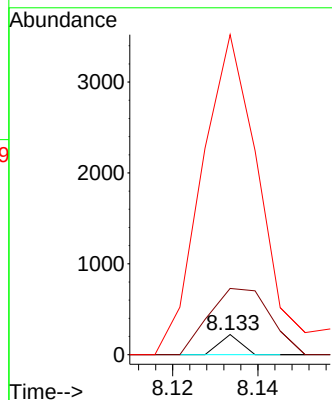
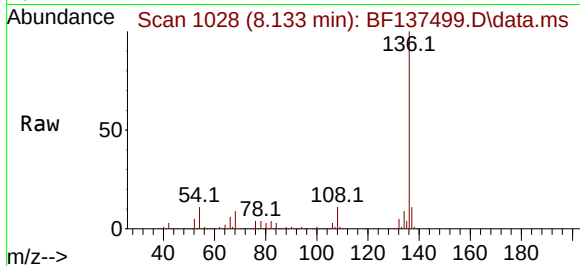




#32
Benzoic acid
Concen: 6.306 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.206 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

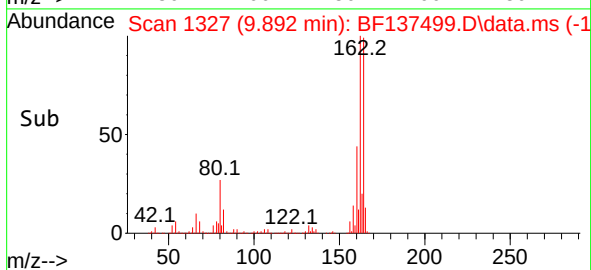
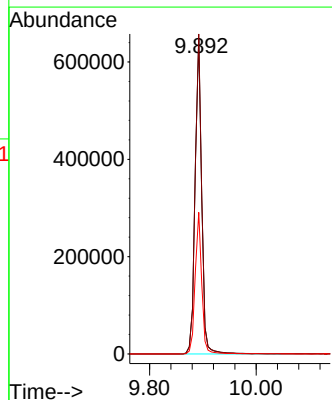
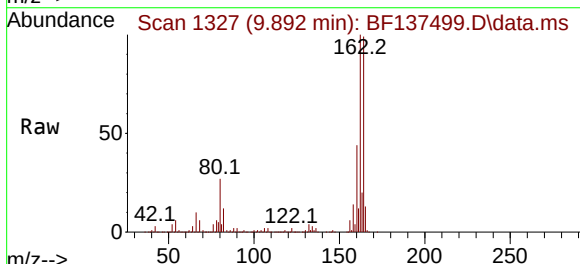
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ClientSampleId :
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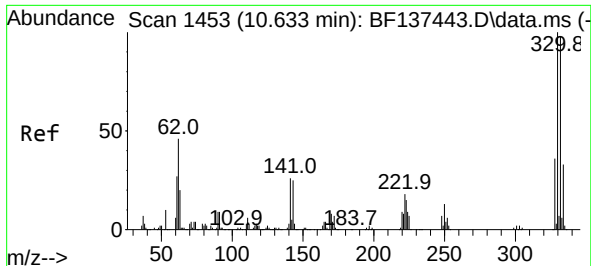
Tgt Ion:122 Resp: 78
Ion Ratio Lower Upper
122 100
105 329.4 102.4 142.4#
77 1593.7 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

Tgt Ion:164 Resp: 562112
Ion Ratio Lower Upper
164 100
162 101.3 79.8 119.8
160 44.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 127.889 ng

RT: 10.692 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF137499.D

Acq: 05 Mar 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB159437BL

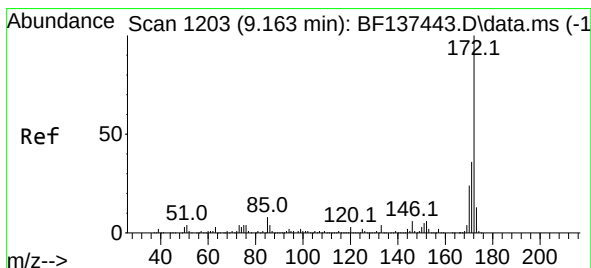
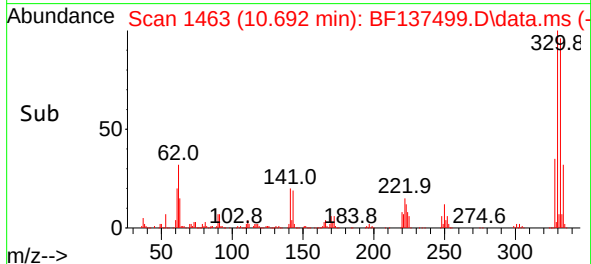
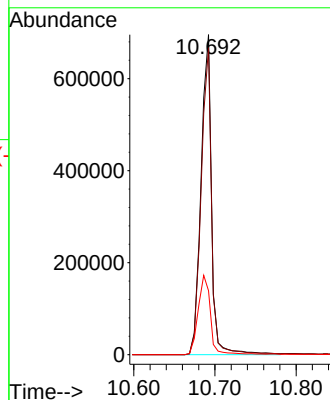
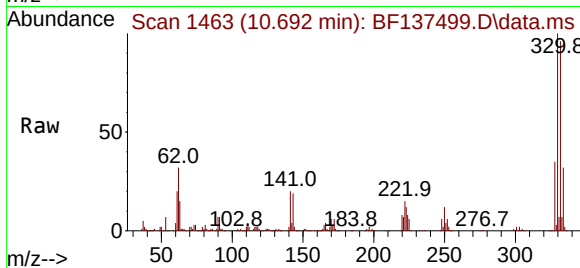
Tgt Ion:330 Resp: 631300

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

141 29.2 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 74.239 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF137499.D

Acq: 05 Mar 2024 14:25

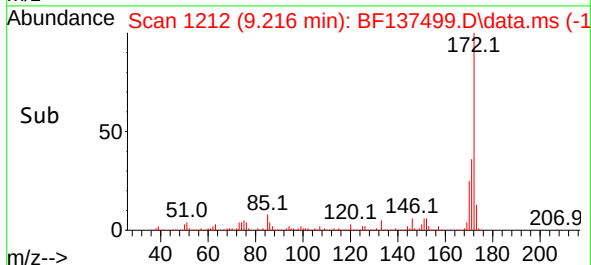
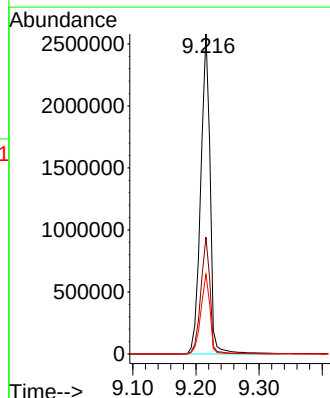
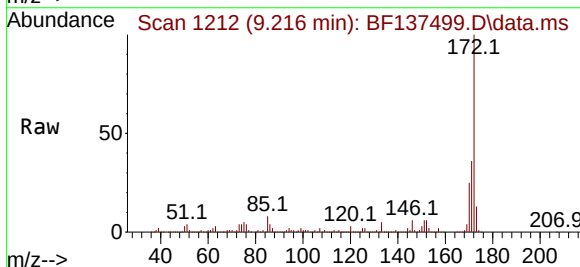
Tgt Ion:172 Resp: 2665883

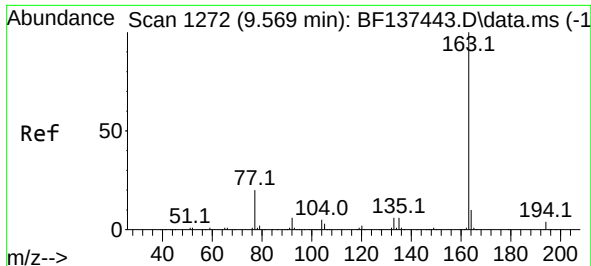
Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 24.9 19.0 28.6

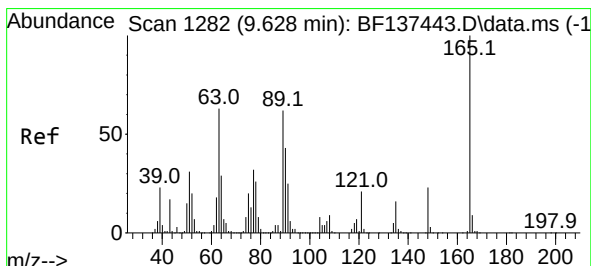
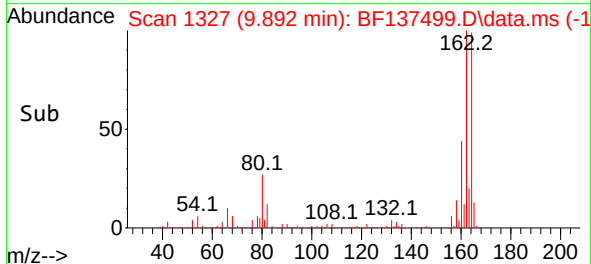
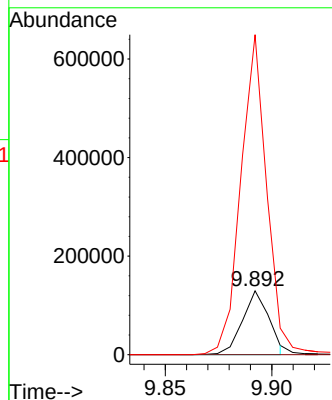
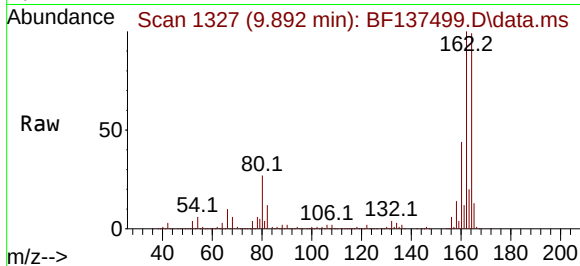




#50
Dimethylphthalate
Concen: 2.879 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

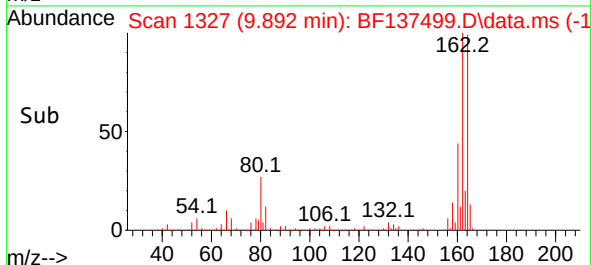
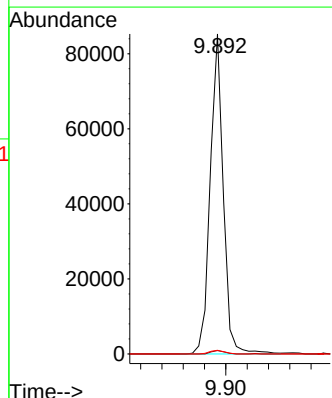
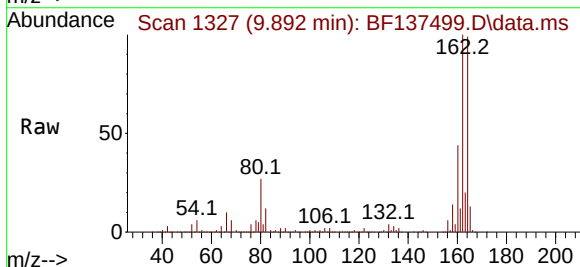
Instrument :
BNA_F
ClientSampleId :
PB159437BL

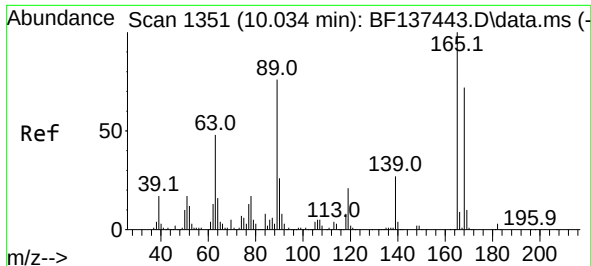
Tgt Ion:163 Resp: 112649
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 501.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.912 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

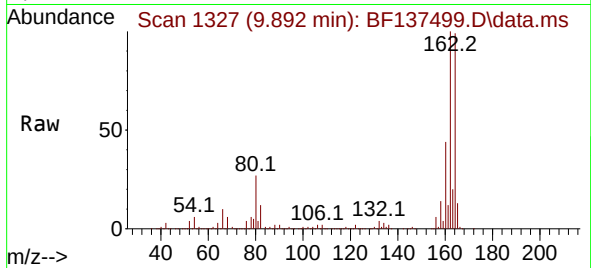
Tgt Ion:165 Resp: 72937
Ion Ratio Lower Upper
165 100
63 1.0 50.7 76.1#
89 1.2 50.0 75.0#



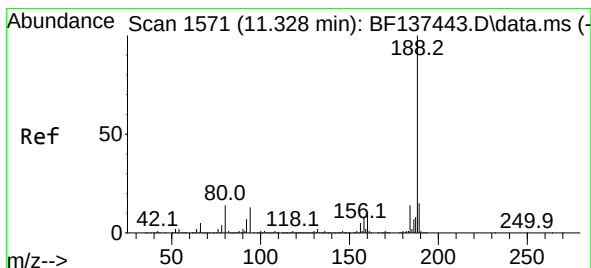
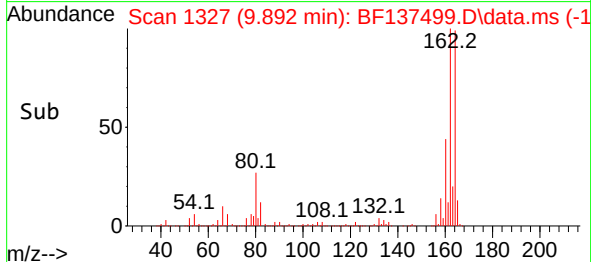
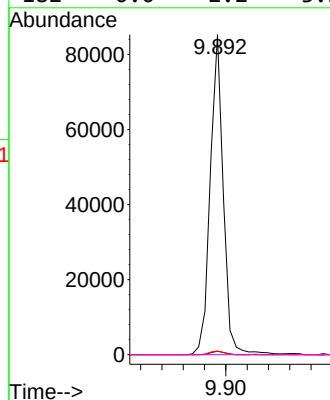


#57
2,4-Dinitrotoluene
Concen: 7.254 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

Instrument :
BNA_F
ClientSampleId :
PB159437BL

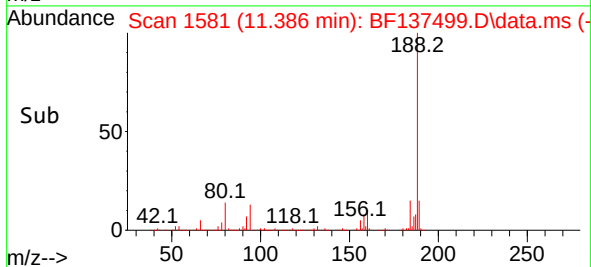
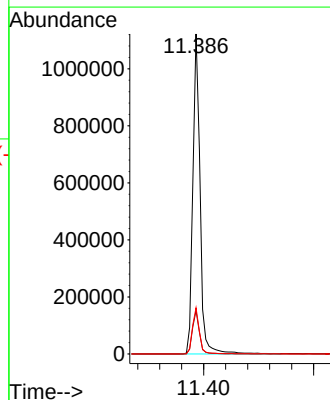
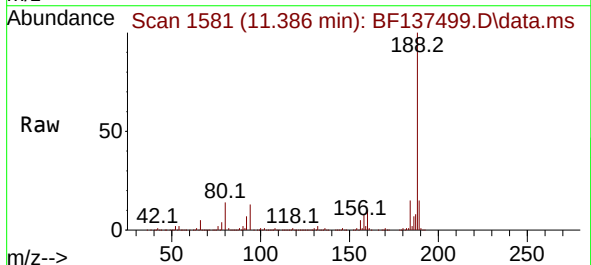


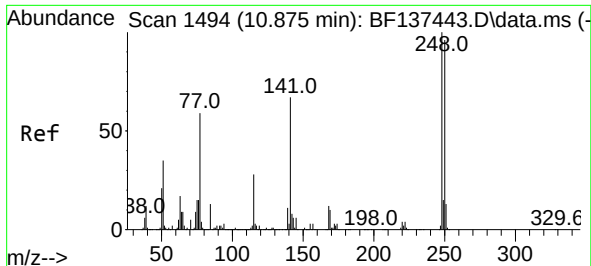
Tgt Ion:165 Resp: 72937
Ion Ratio Lower Upper
165 100
63 1.0 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

Tgt Ion:188 Resp: 1019551
Ion Ratio Lower Upper
188 100
94 13.5 10.6 15.8
80 14.5 11.5 17.3

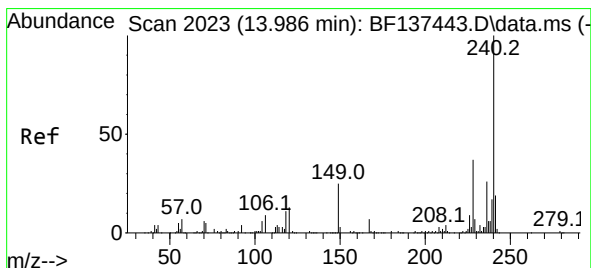
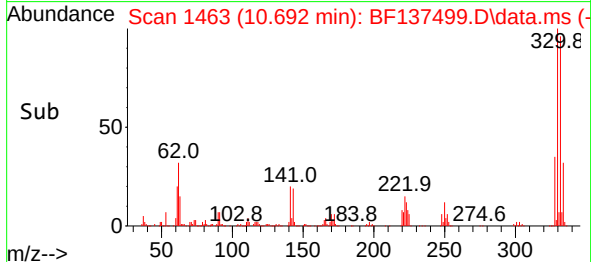
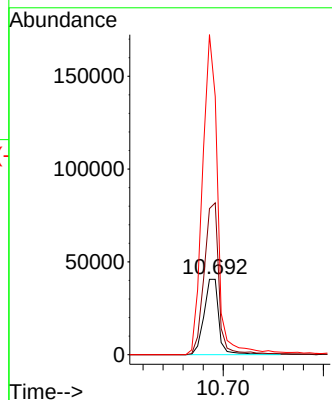
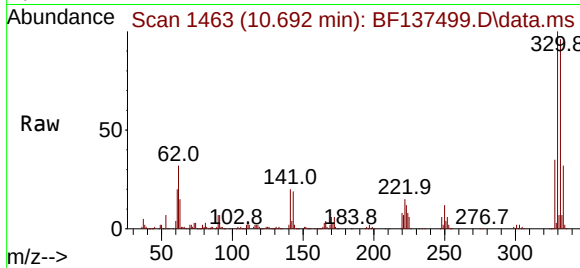




#67
4-Bromophenyl-phenylether
Concen: 3.802 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

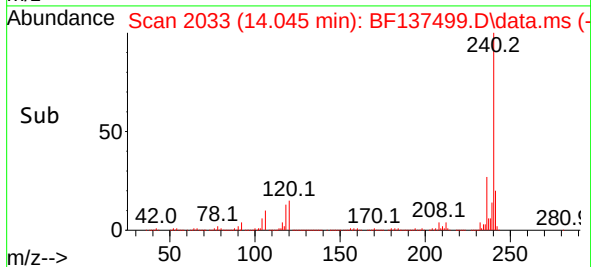
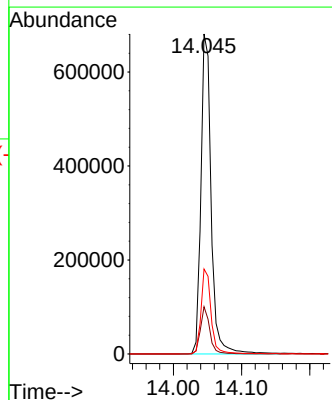
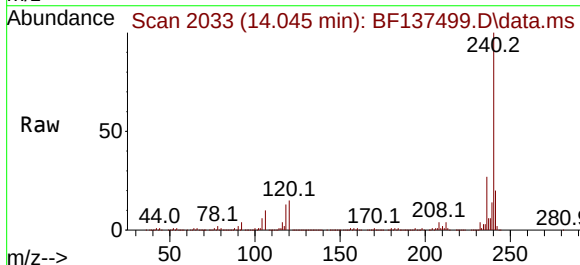
Instrument :
BNA_F
ClientSampleId :
PB159437BL

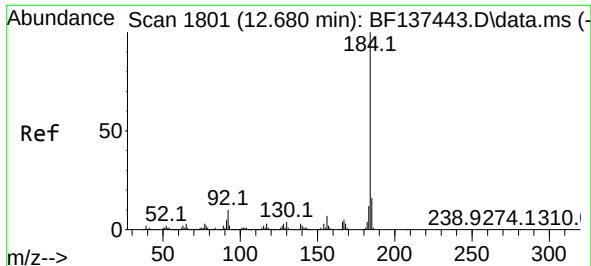
Tgt Ion:248 Resp: 42216
Ion Ratio Lower Upper
248 100
250 201.2 76.8 115.2#
141 342.1 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

Tgt Ion:240 Resp: 709883
Ion Ratio Lower Upper
240 100
120 14.8 10.4 15.6
236 26.6 20.9 31.3

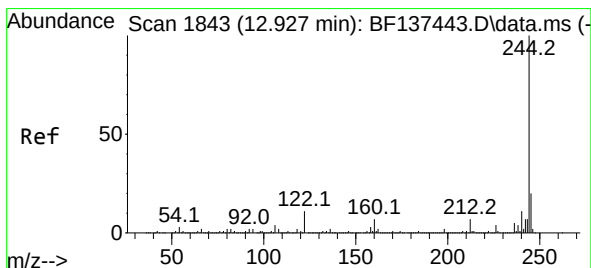
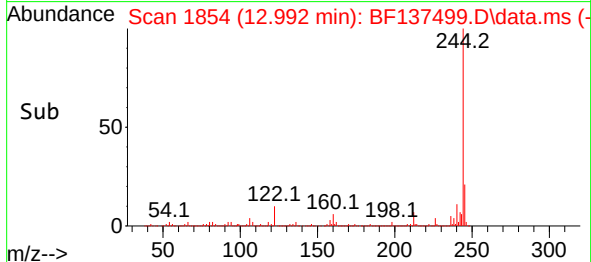
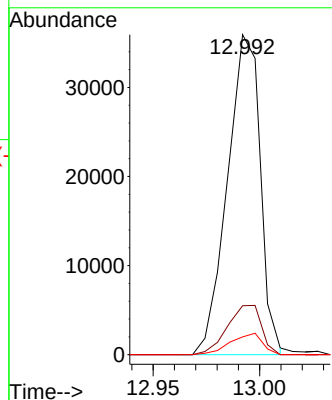
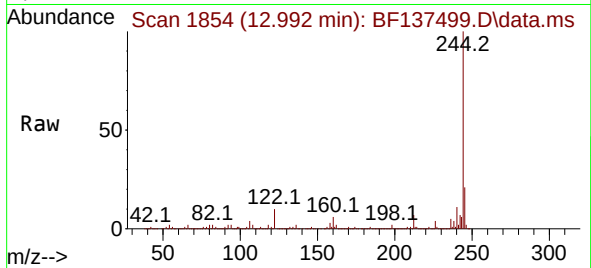




#77
Benzidine
Concen: 2.216 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

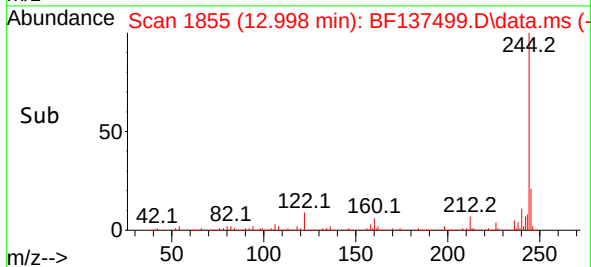
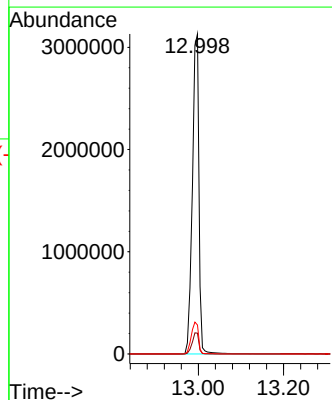
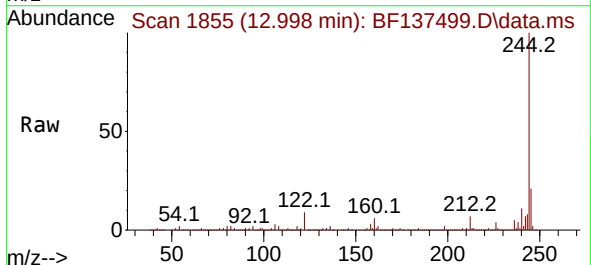
Instrument :
BNA_F
ClientSampleId :
PB159437BL

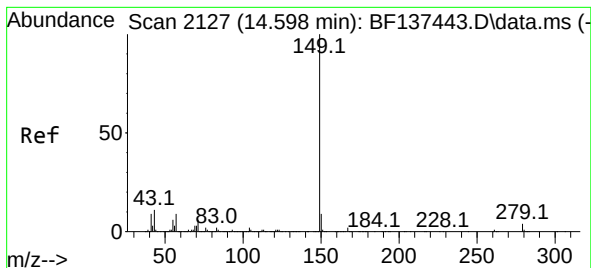
Tgt Ion:184 Resp: 38495
Ion Ratio Lower Upper
184 100
185 15.3 13.2 19.8
183 5.5 9.3 13.9#



#79
Terphenyl-d14
Concen: 64.754 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

Tgt Ion:244 Resp: 3342878
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 9.0 9.1 13.7#





#85

Di-n-octyl phthalate

Concen: 5.615 ng

RT: 14.674 min Scan# 2127

Delta R.T. 0.012 min

Lab File: BF137499.D

Acq: 05 Mar 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB159437BL

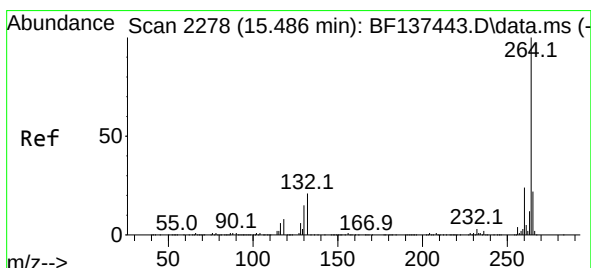
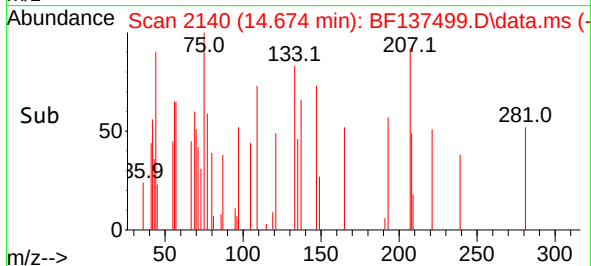
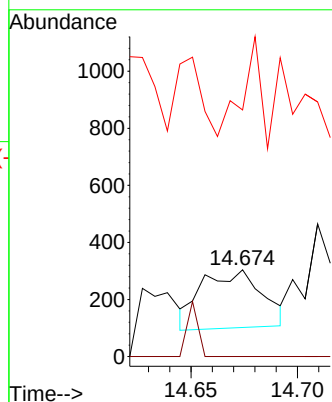
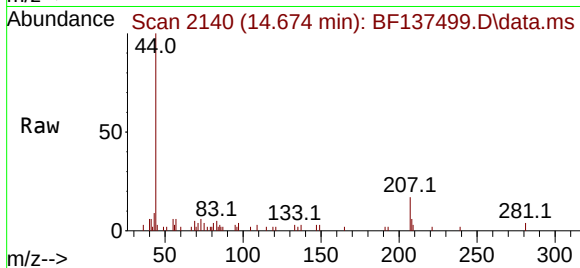
Tgt Ion:149 Resp: 400

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.012 min

Lab File: BF137499.D

Acq: 05 Mar 2024 14:25

Tgt Ion:264 Resp: 537124

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 21.6 17.4 26.0

