

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012924\
 Data File : BF137187.D
 Acq On : 29 Jan 2024 12:02
 Operator : CG\JU
 Sample : PB158518BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158518BL

Quant Time: Jan 29 12:23:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 02:14:33 2024
 Response via : Initial Calibration

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

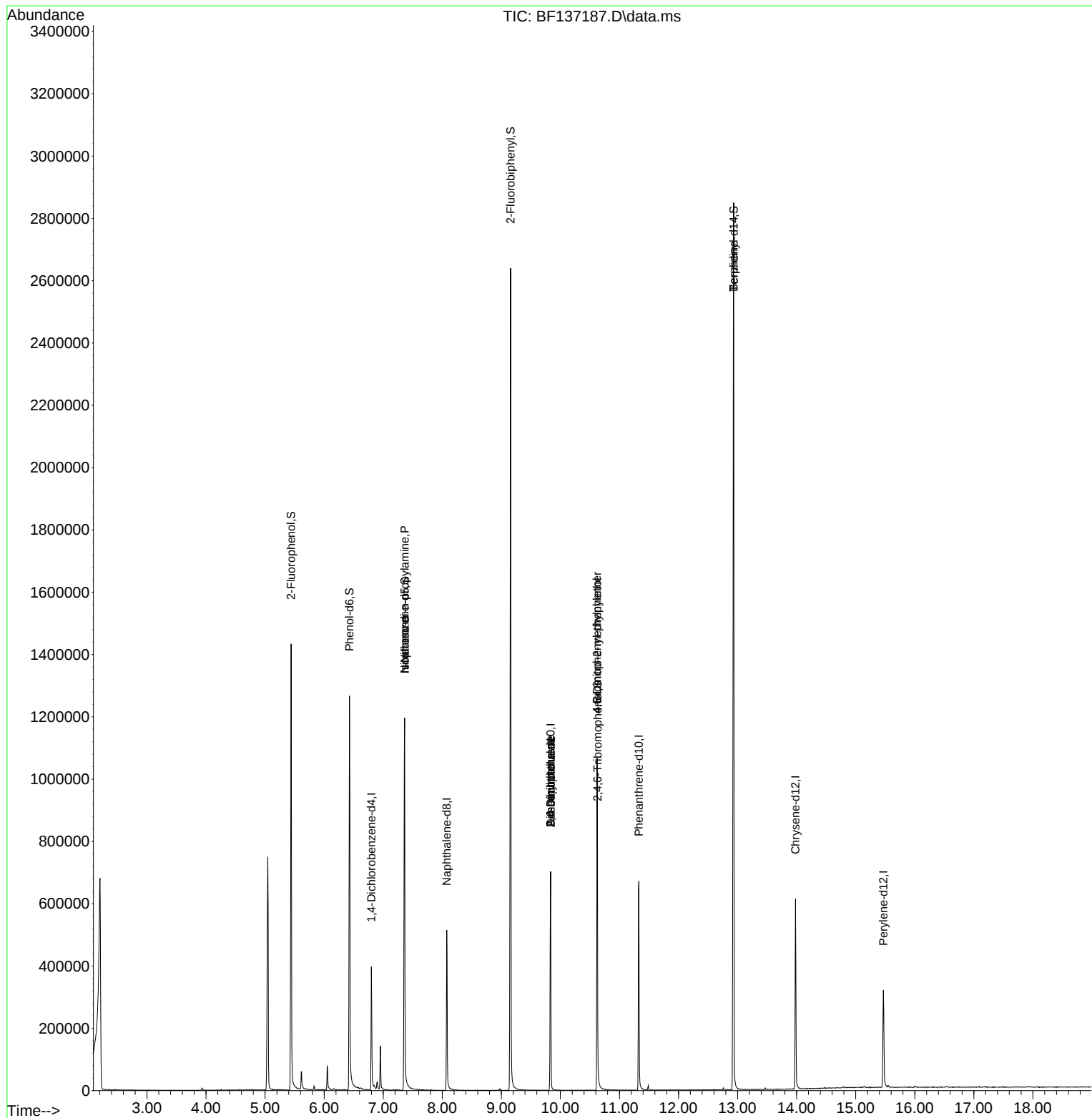
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	59873	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	236959	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	141438	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	286184	20.000	ng	0.00
76) Chrysene-d12	13.980	240	218478	20.000	ng	0.00
86) Perylene-d12	15.468	264	166158	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	358853	104.127	ng	0.01
7) Phenol-d6	6.428	99	472818	96.142	ng	0.00
23) Nitrobenzene-d5	7.363	82	457651	87.615	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	127921	80.951	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	841808	83.563	ng	0.00
79) Terphenyl-d14	12.933	244	1146365	73.595	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	62901	17.672	ng	# 73
25) Isophorone	7.363	82	457647	46.867	ng	# 69
50) Dimethylphthalate	9.834	163	25755	2.620	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	17438	8.603	ng	# 21
57) 2,4-Dinitrotoluene	9.834	165	17438	6.741	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	208	7.941	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	8828	2.803	ng	# 1
77) Benzidine	12.933	184	13979	10.116	ng	# 93

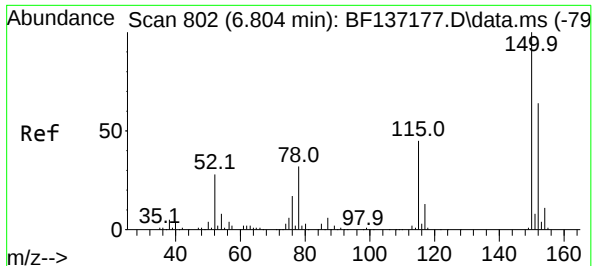
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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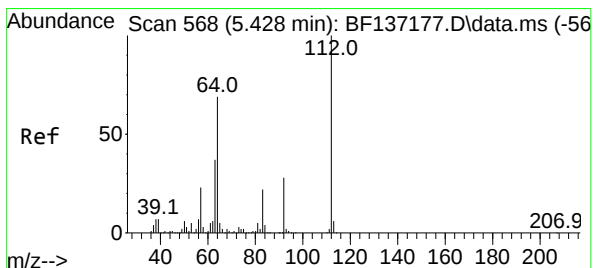
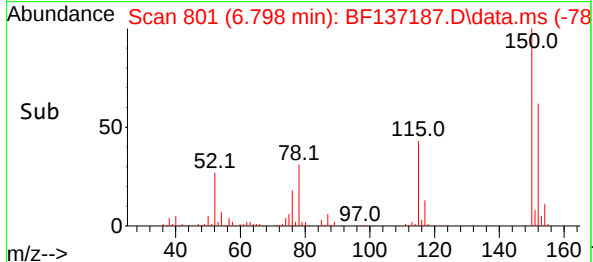
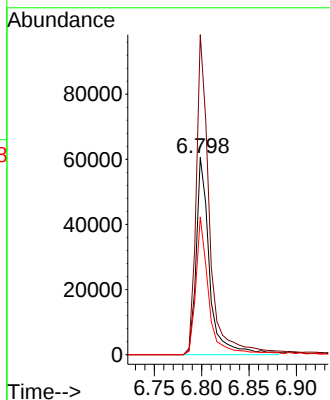
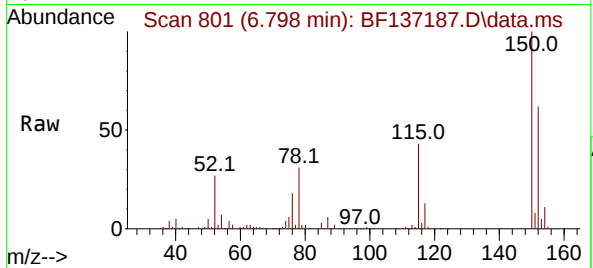




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF137187.D
Acq: 29 Jan 2024 12:02

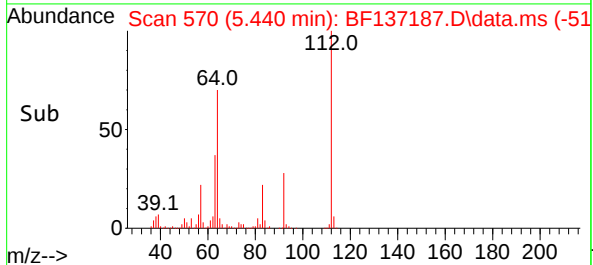
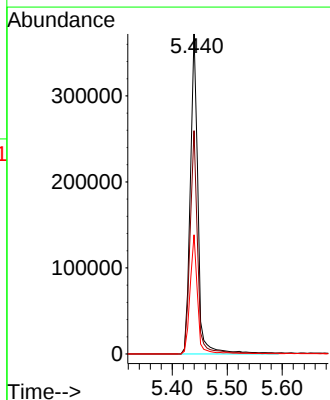
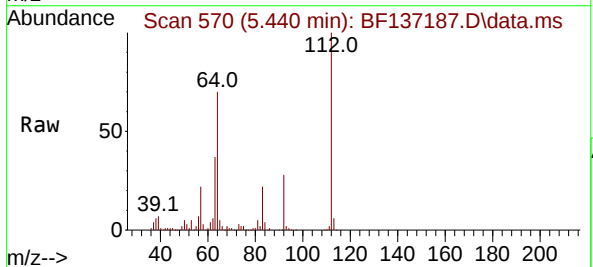
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BNA_F
ClientSampleId :
PB158518BL

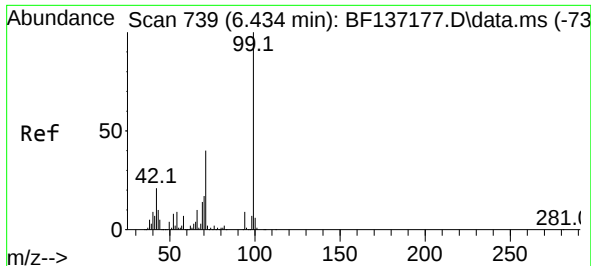
Tgt Ion:152 Resp: 59873
Ion Ratio Lower Upper
152 100
150 162.2 125.6 188.4
115 69.8 55.9 83.9



#5
2-Fluorophenol
Concen: 104.127 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF137187.D
Acq: 29 Jan 2024 12:02

Tgt Ion:112 Resp: 358853
Ion Ratio Lower Upper
112 100
64 69.8 55.5 83.3
63 37.2 29.8 44.8

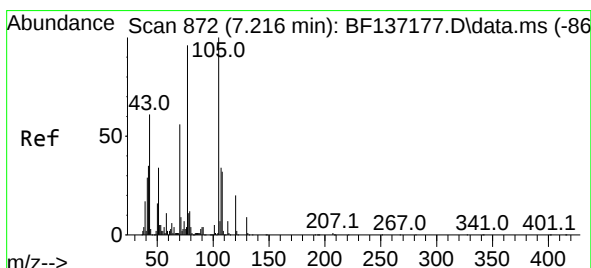
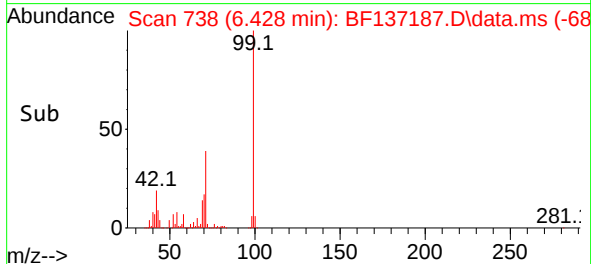
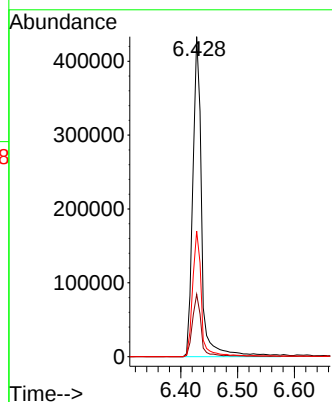
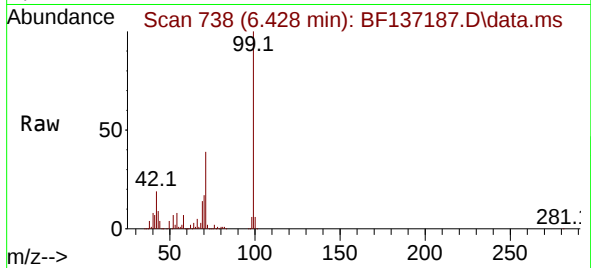




#7
Phenol-d6
Concen: 96.142 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137187.D
Acq: 29 Jan 2024 12:02

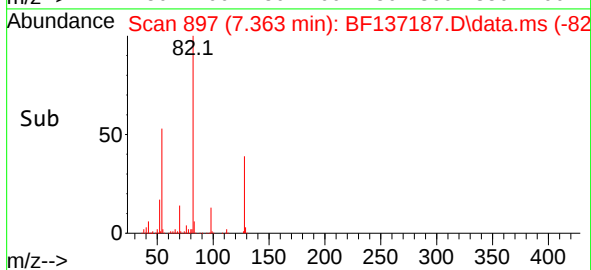
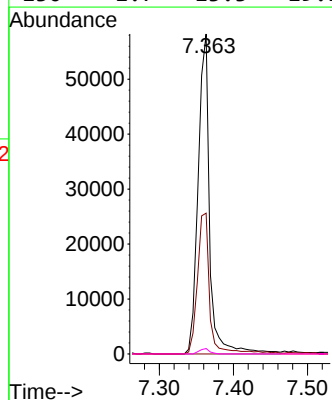
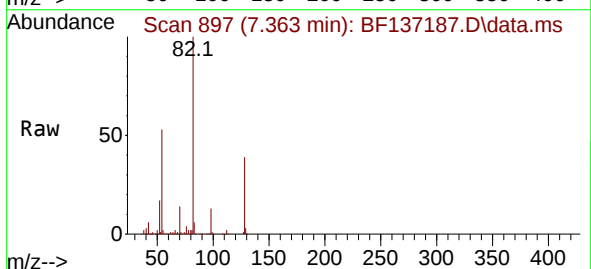
Instrument :
BNA_F
ClientSampleId :
PB158518BL

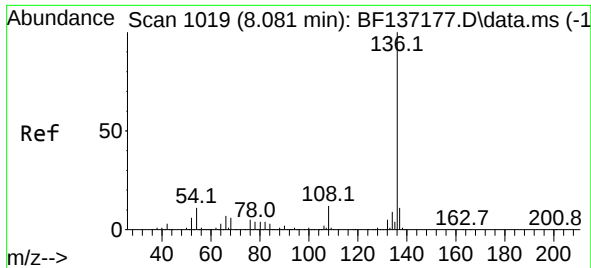
Tgt Ion: 99 Resp: 472818
Ion Ratio Lower Upper
99 100
42 19.5 16.6 25.0
71 39.3 31.8 47.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.672 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.147 min
Lab File: BF137187.D
Acq: 29 Jan 2024 12:02

Tgt Ion: 70 Resp: 62901
Ion Ratio Lower Upper
70 100
42 44.0 50.6 75.8#
101 0.0 7.1 10.7#
130 1.7 13.3 19.9#

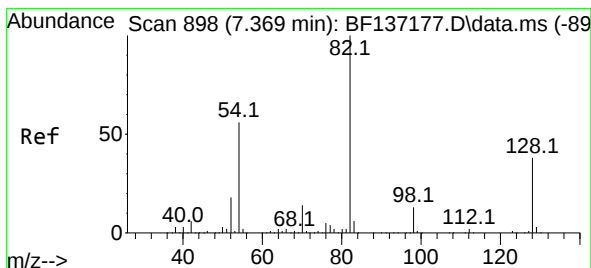
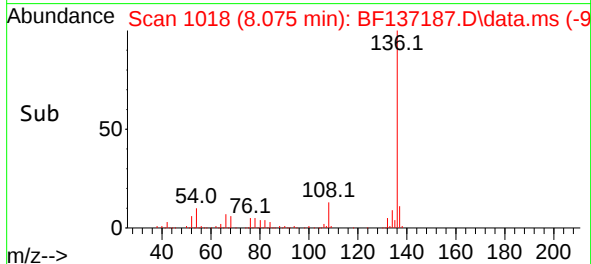
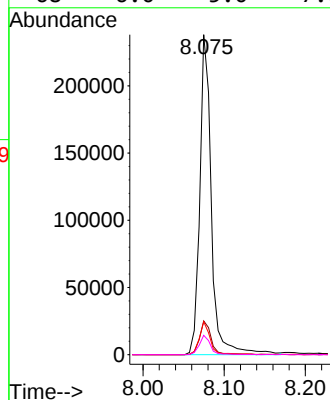
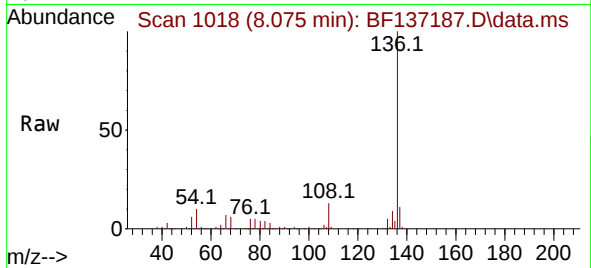




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF137187.D
Acq: 29 Jan 2024 12:02

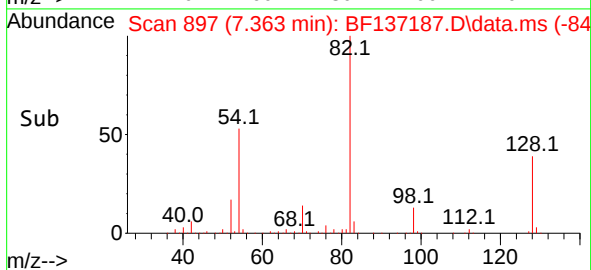
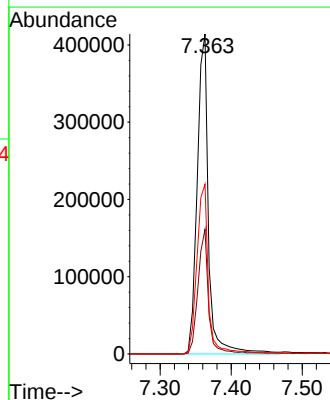
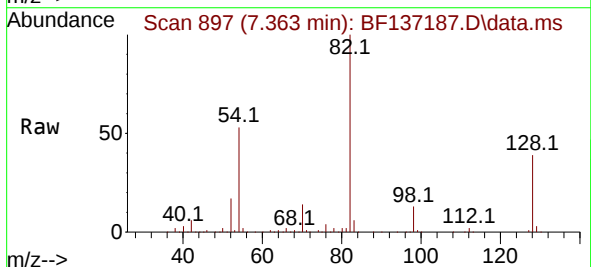
Instrument :
BNA_F
ClientSampleId :
PB158518BL

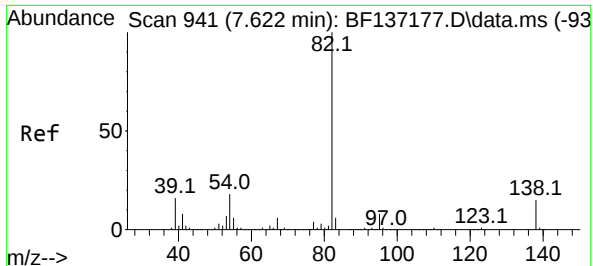
Tgt Ion:136 Resp: 236959
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 10.3 8.7 13.1
68 6.0 5.0 7.6



#23
Nitrobenzene-d5
Concen: 87.615 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF137187.D
Acq: 29 Jan 2024 12:02

Tgt Ion: 82 Resp: 457651
Ion Ratio Lower Upper
82 100
128 38.9 30.3 45.5
54 53.0 44.9 67.3

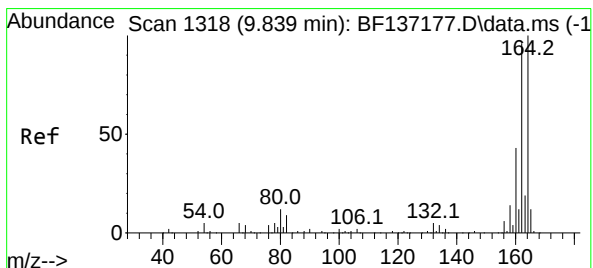
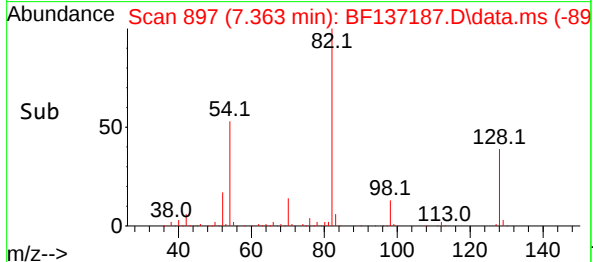
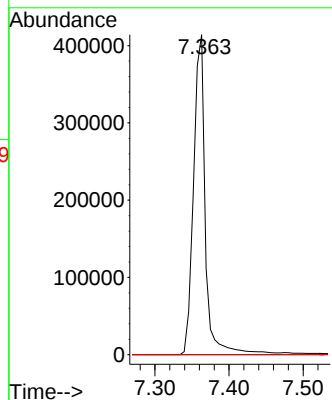
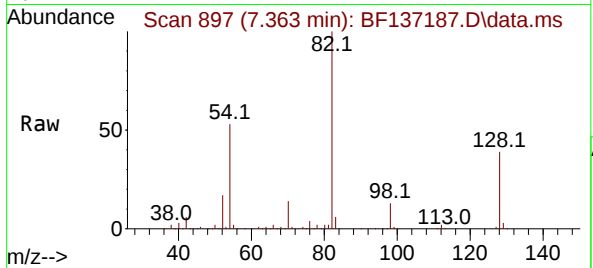




#25
Isophorone
Concen: 46.867 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF137187.D
Acq: 29 Jan 2024 12:02

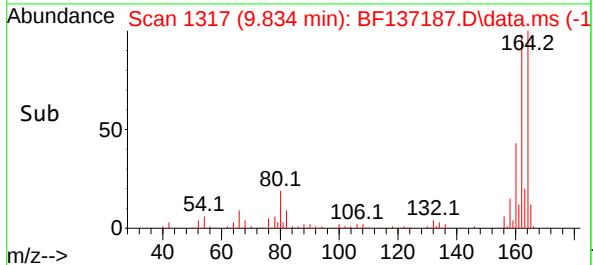
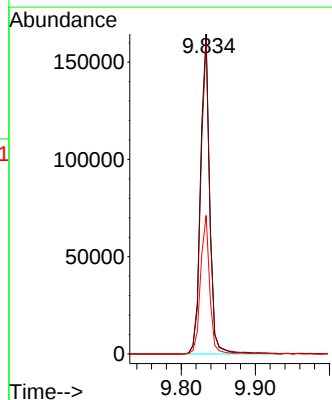
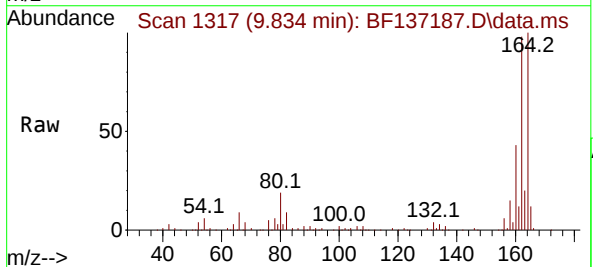
Instrument :
BNA_F
ClientSampleId :
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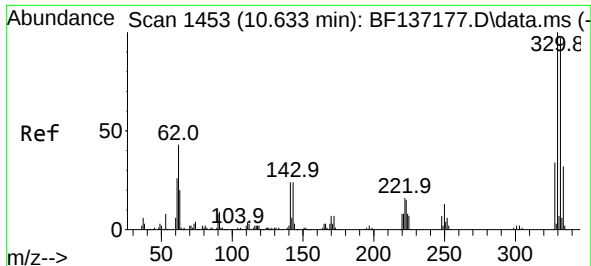
Tgt Ion: 82 Resp: 457647
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF137187.D
Acq: 29 Jan 2024 12:02

Tgt Ion:164 Resp: 141438
Ion Ratio Lower Upper
164 100
162 98.2 77.0 115.4
160 43.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 80.951 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF137187.D

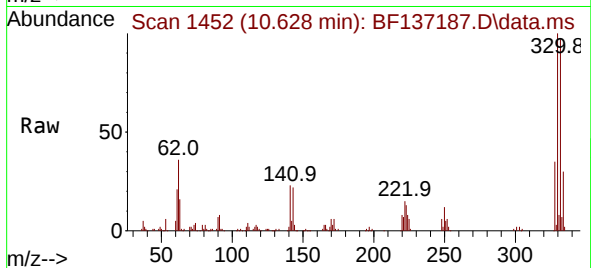
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BNA_F

ClientSampleId :

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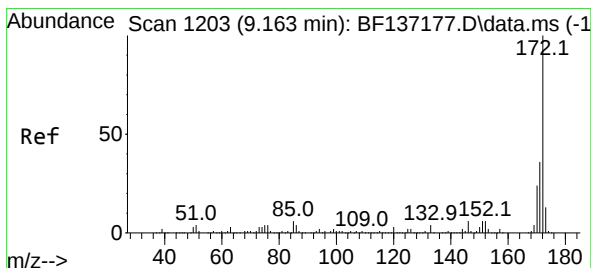
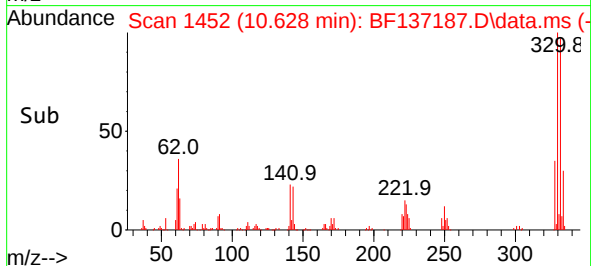
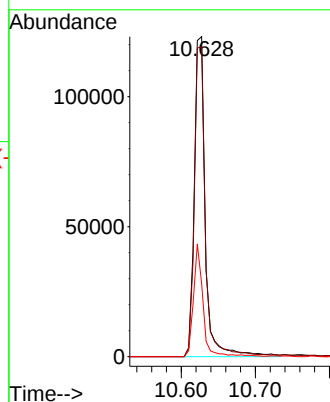
Tgt Ion:330 Resp: 127921

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.4

141 30.5 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 83.563 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF137187.D

Acq: 29 Jan 2024 12:02

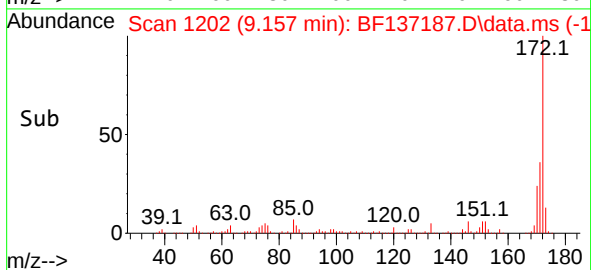
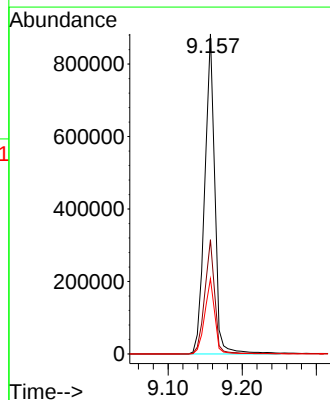
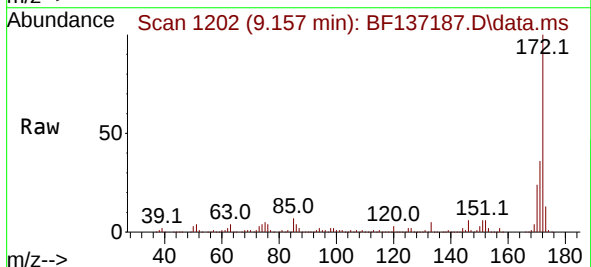
Tgt Ion:172 Resp: 841808

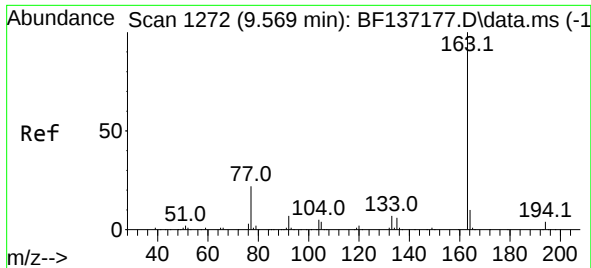
Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.5 19.2 28.8

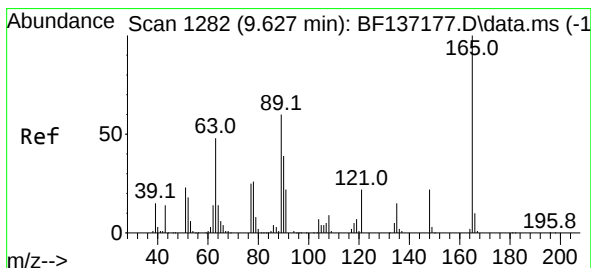
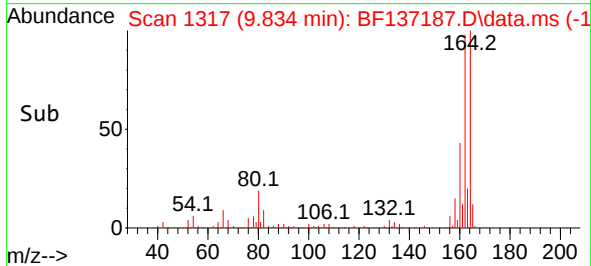
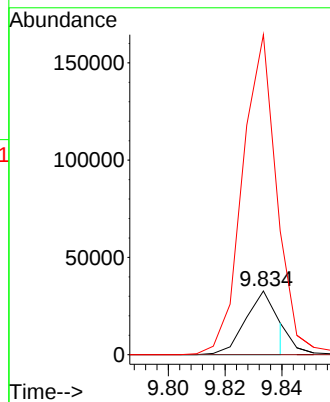
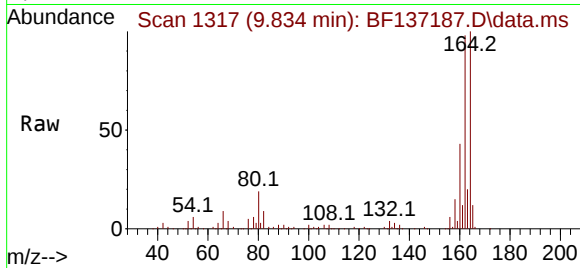




#50
Dimethylphthalate
Concen: 2.620 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137187.D
Acq: 29 Jan 2024 12:02

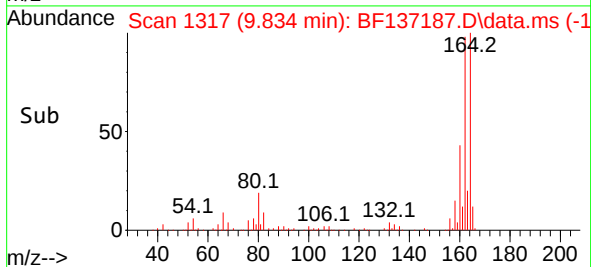
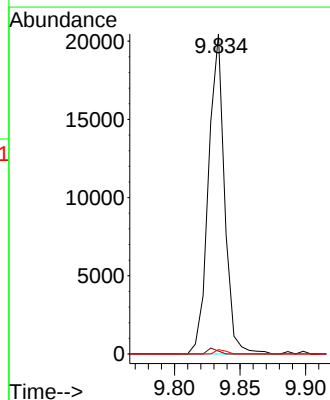
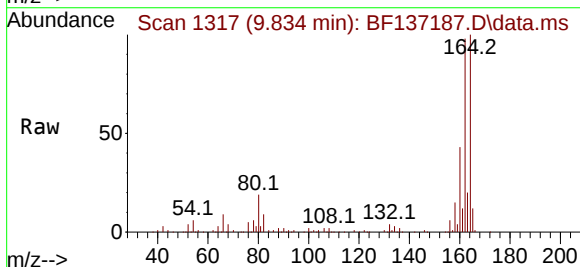
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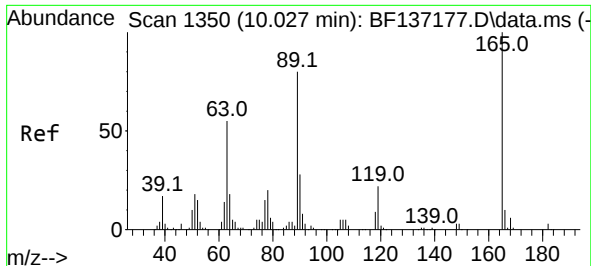
Tgt Ion:163 Resp: 25755
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 502.0 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.603 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF137187.D
Acq: 29 Jan 2024 12:02

Tgt Ion:165 Resp: 17438
Ion Ratio Lower Upper
165 100
63 0.9 51.4 77.2#
89 1.4 47.8 71.8#

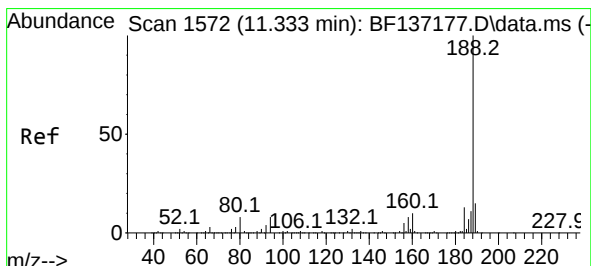
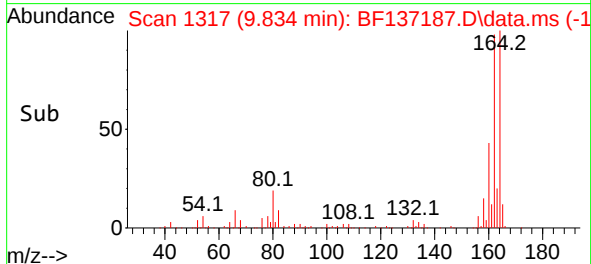
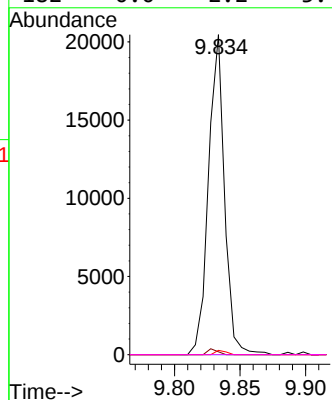
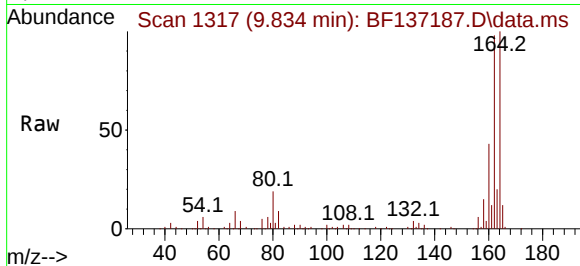




#57
2,4-Dinitrotoluene
Concen: 6.741 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137187.D
Acq: 29 Jan 2024 12:02

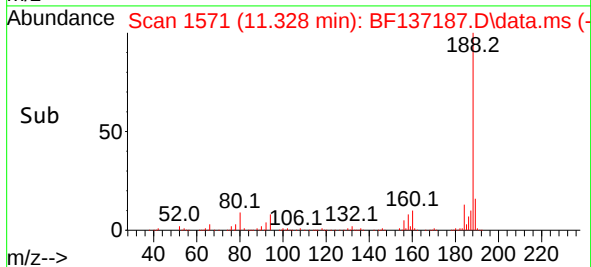
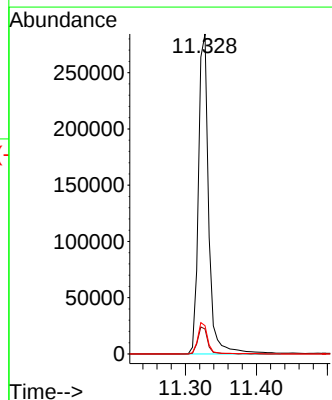
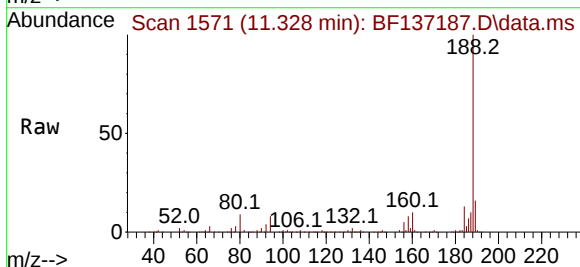
Instrument :
BNA_F
ClientSampleId :
PB158518BL

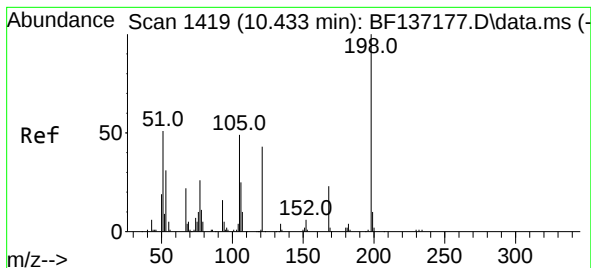
Tgt Ion:165 Resp: 17438
Ion Ratio Lower Upper
165 100
63 0.9 45.0 67.6#
89 1.4 64.2 96.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF137187.D
Acq: 29 Jan 2024 12:02

Tgt Ion:188 Resp: 286184
Ion Ratio Lower Upper
188 100
94 7.8 6.0 9.0
80 8.9 6.7 10.1

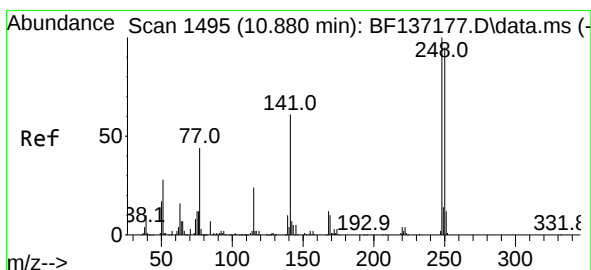
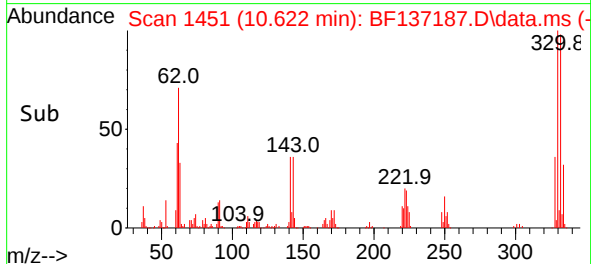
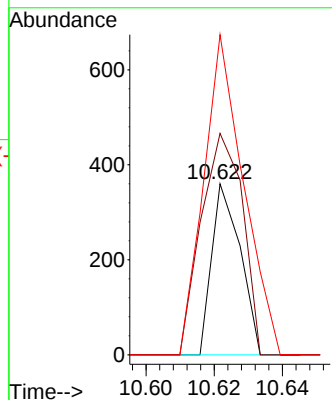
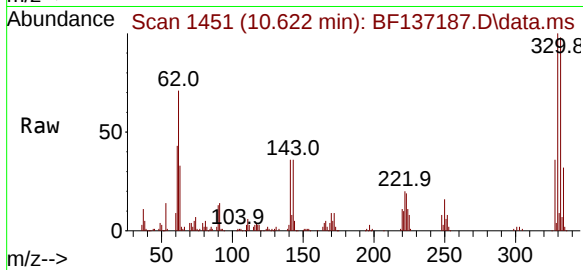




#65
4,6-Dinitro-2-methylphenol
Concen: 7.941 ng
RT: 10.622 min Scan# 1419
Delta R.T. 0.189 min
Lab File: BF137187.D
Acq: 29 Jan 2024 12:02

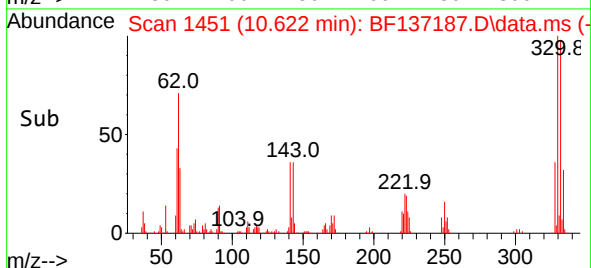
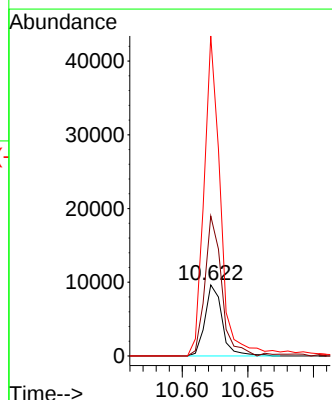
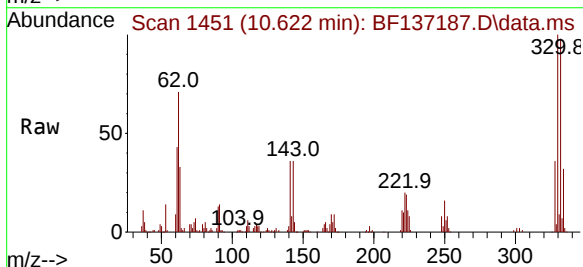
Instrument :
BNA_F
ClientSampleId :
PB158518BL

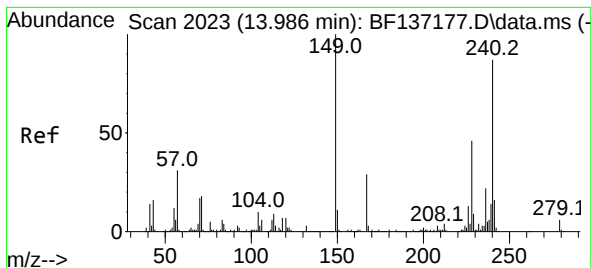
Tgt Ion:198 Resp: 208
Ion Ratio Lower Upper
198 100
51 129.4 41.6 81.6#
105 187.2 30.7 70.7#



#67
4-Bromophenyl-phenylether
Concen: 2.803 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.259 min
Lab File: BF137187.D
Acq: 29 Jan 2024 12:02

Tgt Ion:248 Resp: 8828
Ion Ratio Lower Upper
248 100
250 196.8 76.2 114.2#
141 449.9 48.8 73.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137187.D

Acq: 29 Jan 2024 12:02

Instrument :

BNA_F

ClientSampleId :

PB158518BL

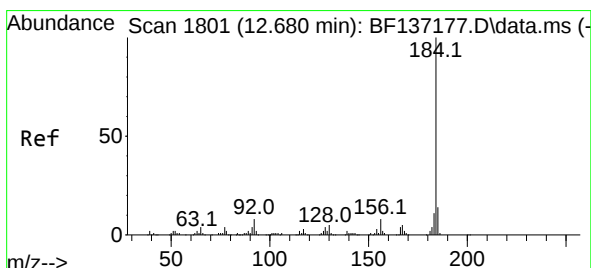
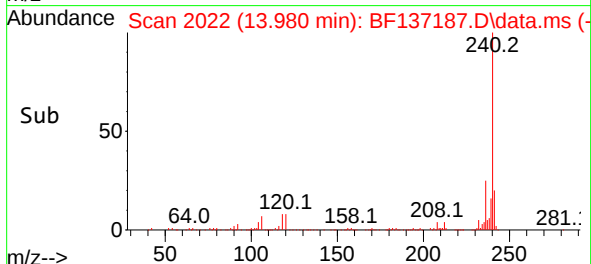
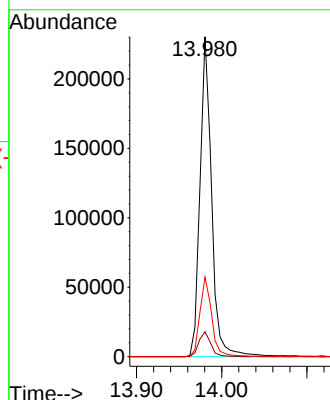
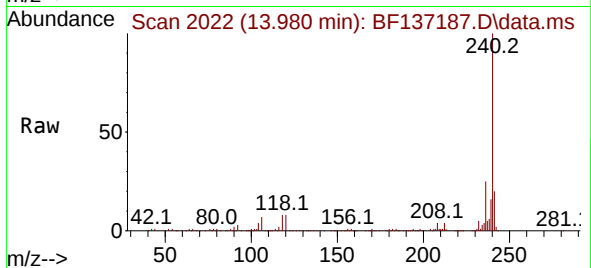
Tgt Ion:240 Resp: 218478

Ion Ratio Lower Upper

240 100

120 7.8 6.7 10.1

236 24.8 20.4 30.6



#77

Benzidine

Concen: 10.116 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.253 min

Lab File: BF137187.D

Acq: 29 Jan 2024 12:02

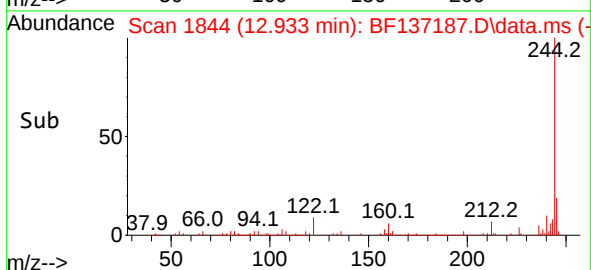
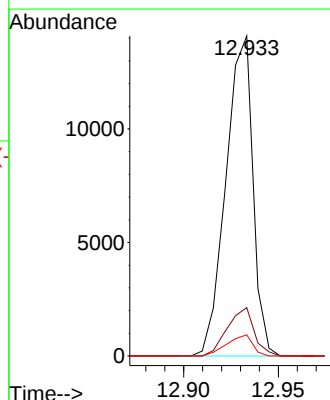
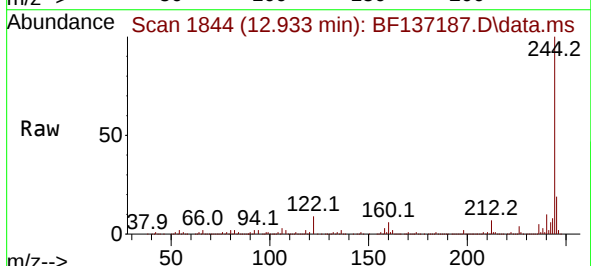
Tgt Ion:184 Resp: 13979

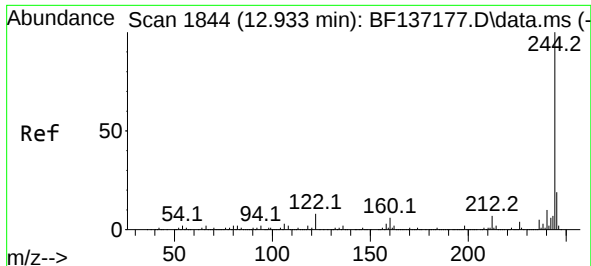
Ion Ratio Lower Upper

184 100

185 15.1 11.5 17.3

183 6.6 9.2 13.8#

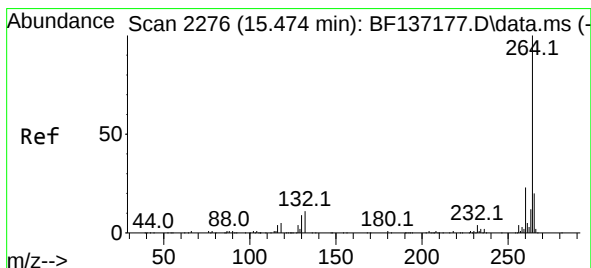
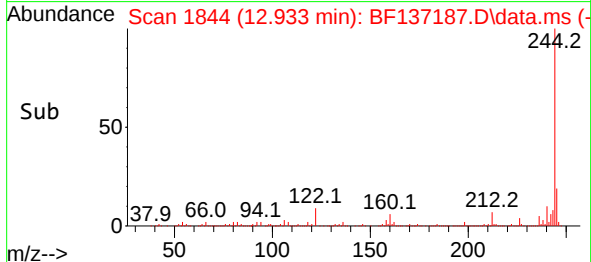
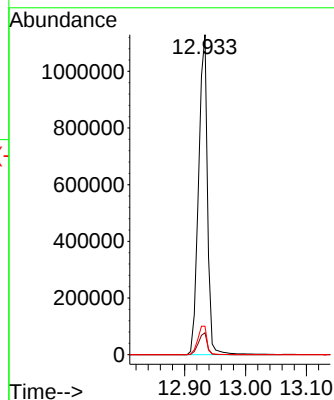
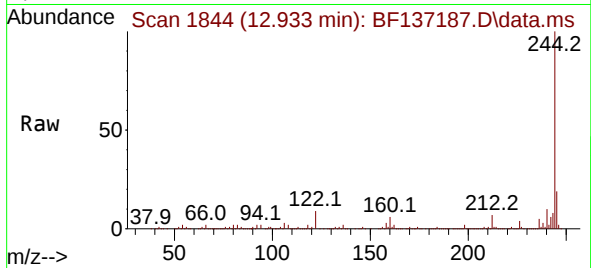




#79
 Terphenyl-d14
 Concen: 73.595 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137187.D
 Acq: 29 Jan 2024 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB158518BL

Tgt Ion:244 Resp: 1146365
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 8.9 6.6 9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF137187.D
 Acq: 29 Jan 2024 12:02

Tgt Ion:264 Resp: 166158
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.4
 265 21.0 16.3 24.5

