

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137158.D
 Acq On : 25 Jan 2024 20:28
 Operator : CG\JU
 Sample : P1243-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-308-0-2

Quant Time: Jan 26 10:18:12 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)

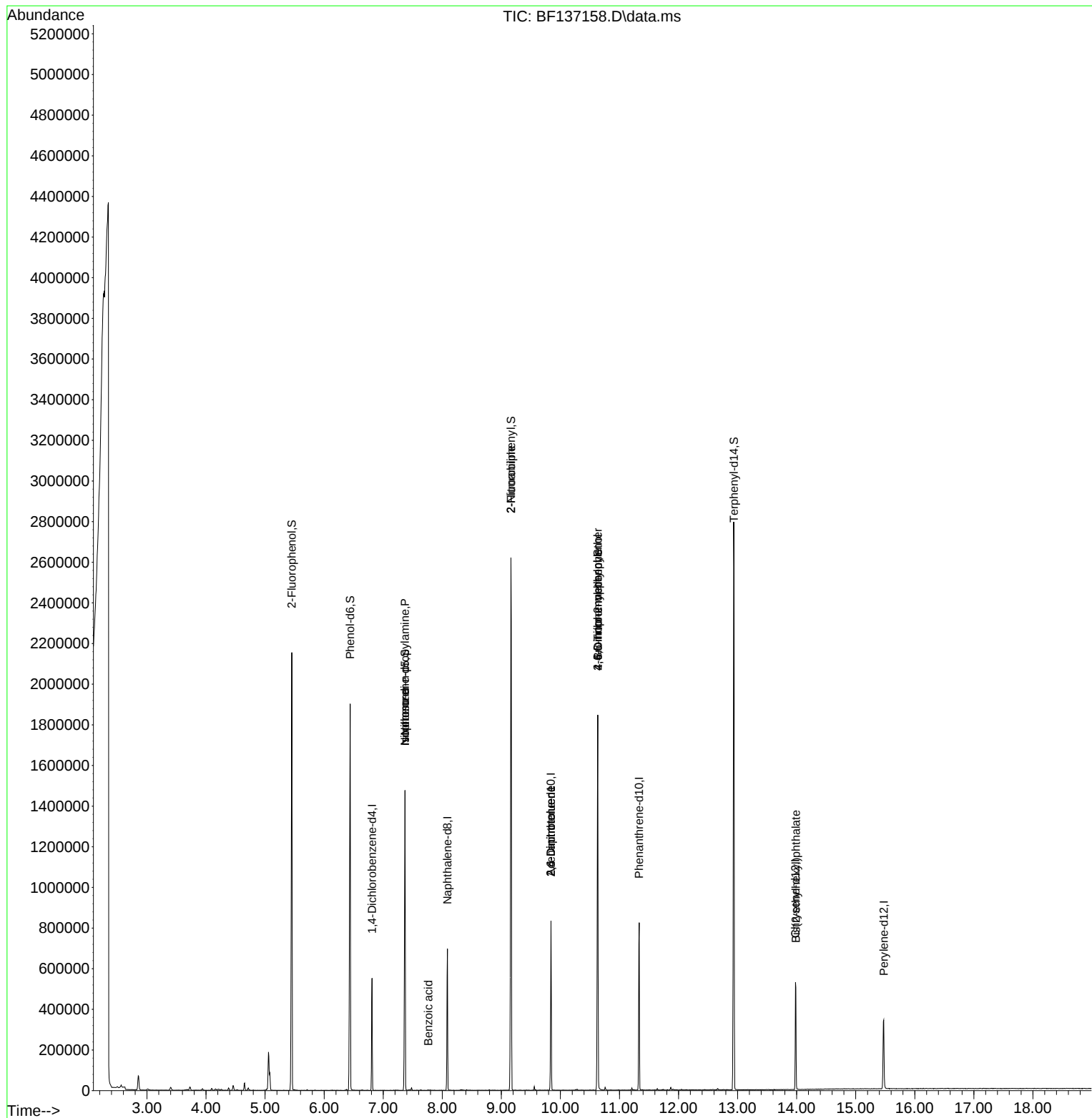
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	70546	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	272726	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	153603	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	298206	20.000	ng	0.00
76) Chrysene-d12	13.980	240	187682	20.000	ng	-0.01
86) Perylene-d12	15.474	264	172975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	529432	111.186	ng	0.01
7) Phenol-d6	6.440	99	639235	102.103	ng	0.00
23) Nitrobenzene-d5	7.369	82	484469	83.274	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	216846	134.203	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	872118	79.044	ng	-0.01
79) Terphenyl-d14	12.939	244	1102804	84.024	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	66334	15.660	ng	# 79
25) Isophorone	7.369	82	484324	42.160	ng	# 70
32) Benzoic acid	7.763	122	372	8.090	ng	# 72
48) 2-Nitroaniline	9.163	65	1678	4.650	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	19730	11.748	ng	# 14
57) 2,4-Dinitrotoluene	9.839	165	19730	11.073	ng	# 13
65) 4,6-Dinitro-2-methylph...	10.633	198	533	8.581	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	15023	4.372	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.986	149	284	6.328	ng	# 53

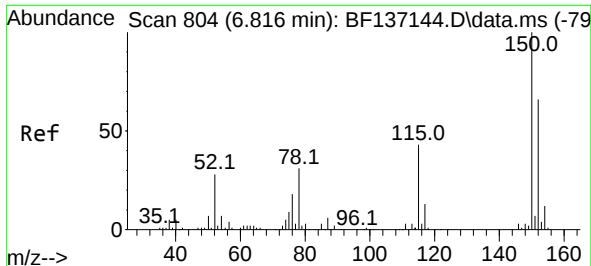
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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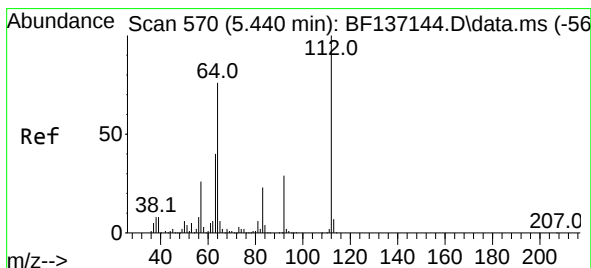
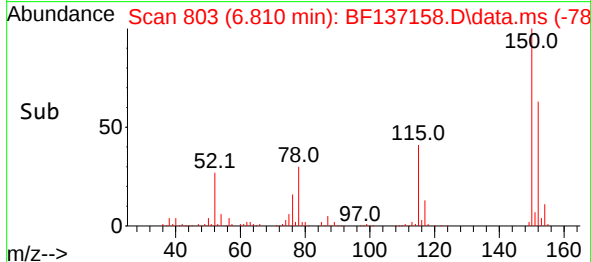
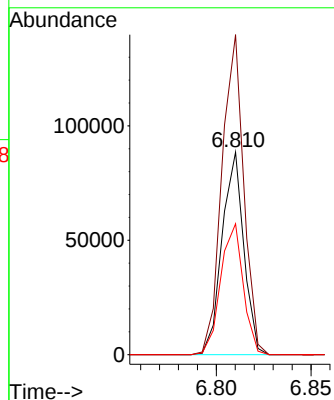
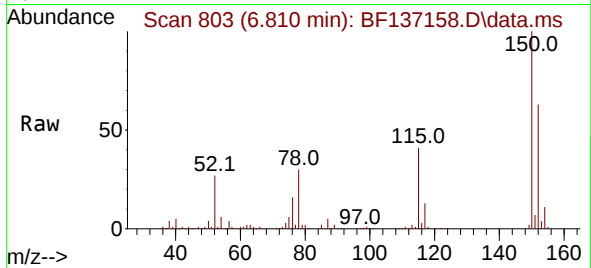




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

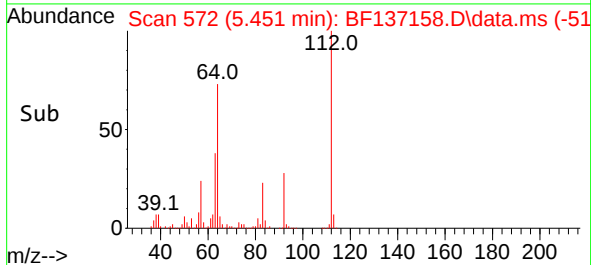
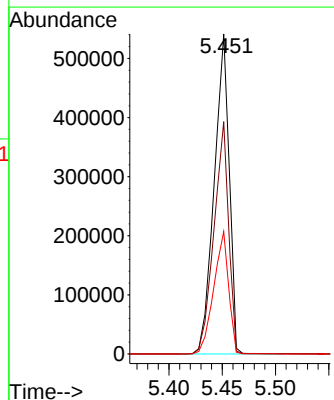
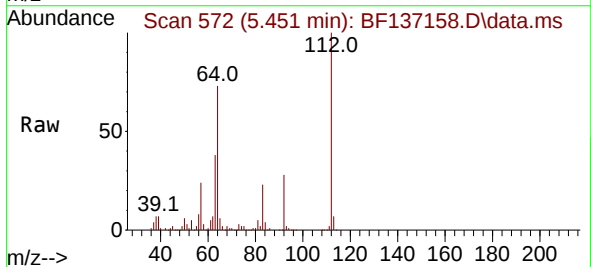
Instrument :
BNA_F
ClientSampleId :
MR-308-0-2

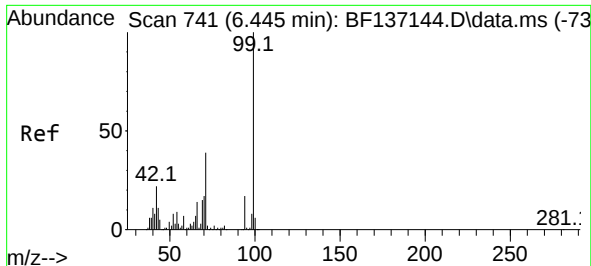
Tgt Ion:152 Resp: 70546
Ion Ratio Lower Upper
152 100
150 158.0 121.2 181.8
115 64.6 52.5 78.7



#5
2-Fluorophenol
Concen: 111.186 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

Tgt Ion:112 Resp: 529432
Ion Ratio Lower Upper
112 100
64 72.6 60.8 91.2
63 38.2 32.1 48.1

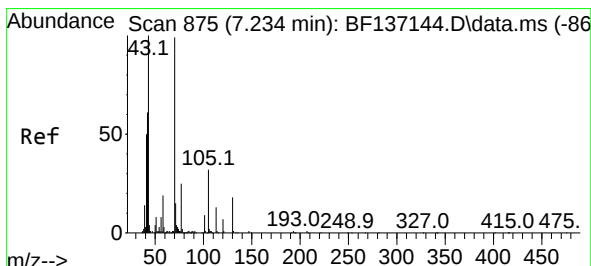
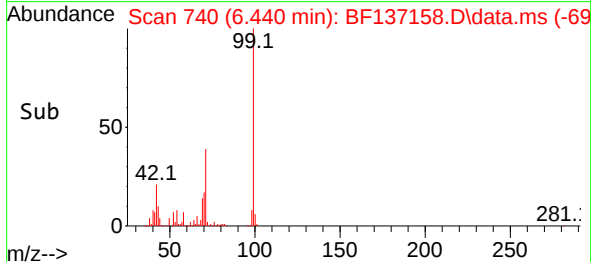
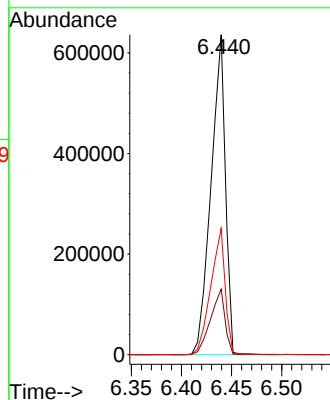
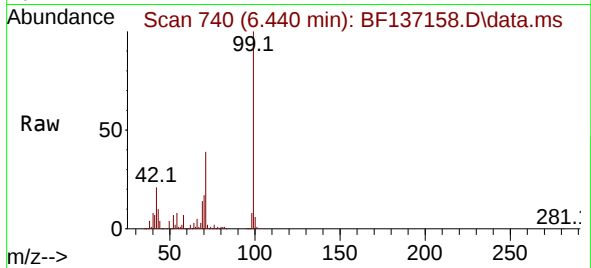




#7
Phenol-d6
Concen: 102.103 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

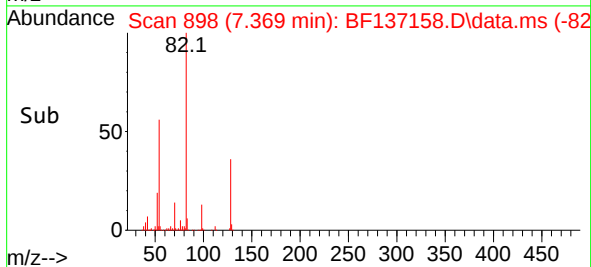
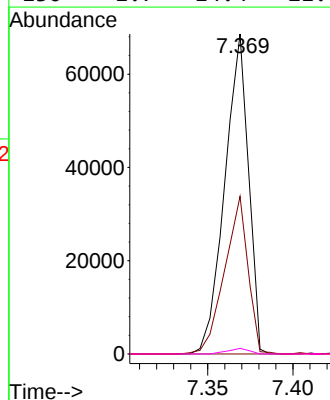
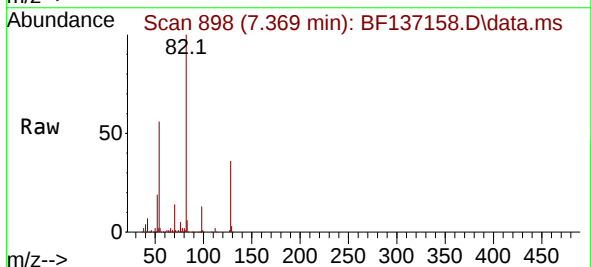
Instrument :
BNA_F
ClientSampleId :
MR-308-0-2

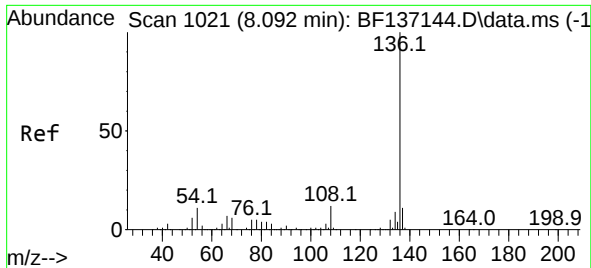
Tgt Ion: 99 Resp: 639235
Ion Ratio Lower Upper
99 100
42 20.5 17.5 26.3
71 39.4 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.660 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

Tgt Ion: 70 Resp: 66334
Ion Ratio Lower Upper
70 100
42 49.2 49.3 73.9#
101 0.0 7.4 11.0#
130 1.7 14.4 21.6#



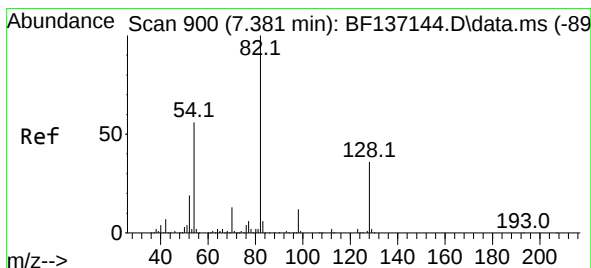
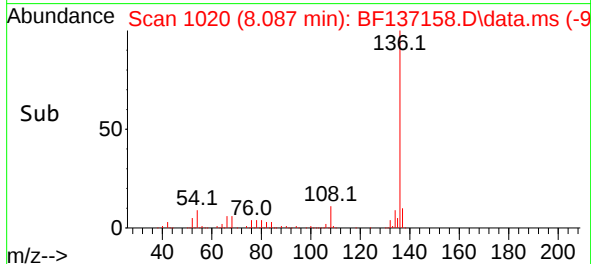
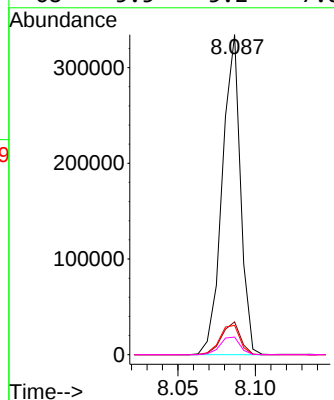
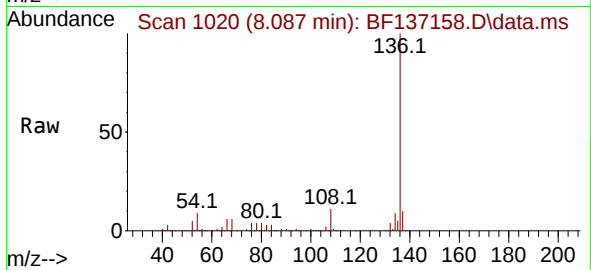


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

Instrument :
BNA_F
ClientSampleId :
MR-308-0-2

Tgt Ion:136 Resp: 272726

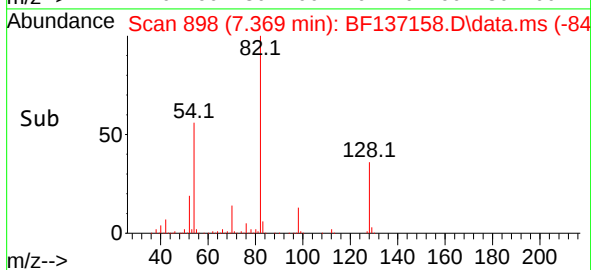
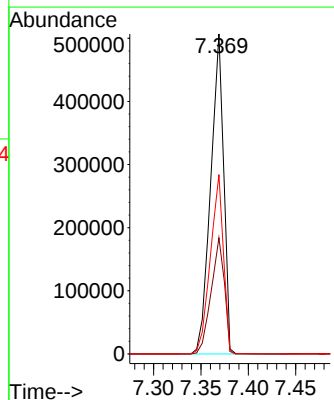
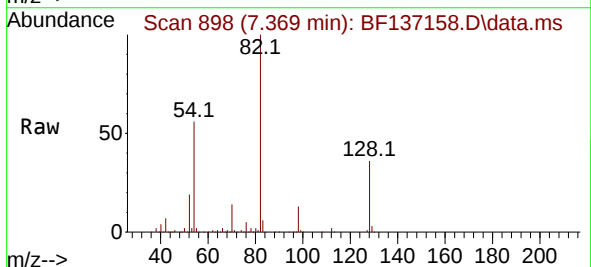
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	9.1	8.8	13.2
68	5.5	5.2	7.8

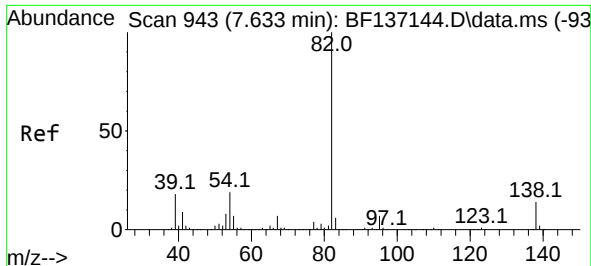


#23
Nitrobenzene-d5
Concen: 83.274 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

Tgt Ion: 82 Resp: 484469

Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.0	43.6
54	56.0	44.6	67.0

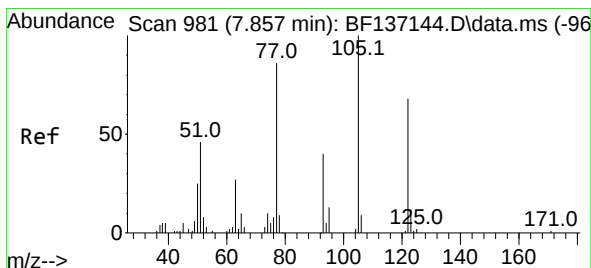
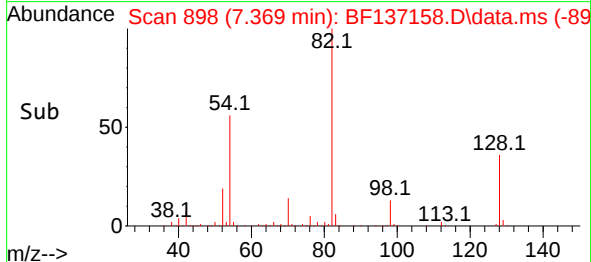
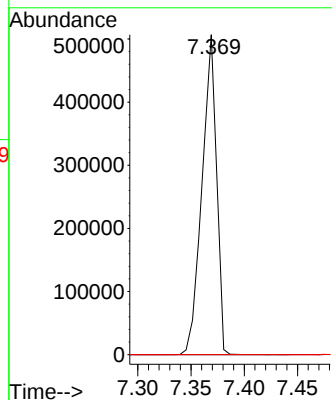
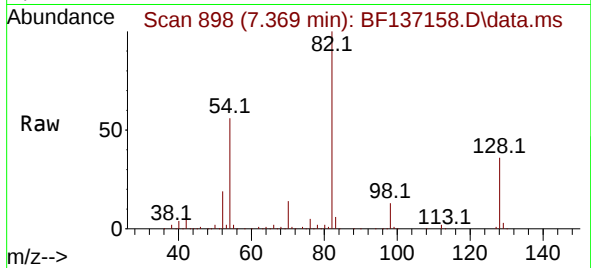




#25
Isophorone
Concen: 42.160 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.264 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

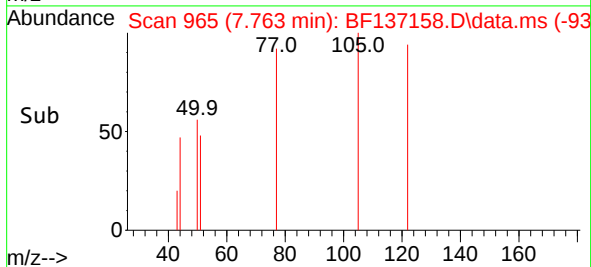
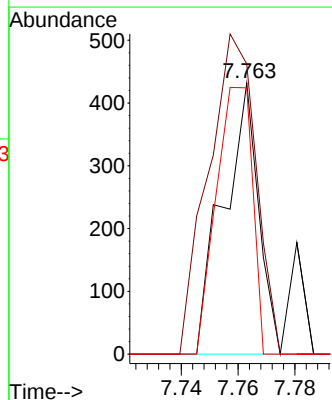
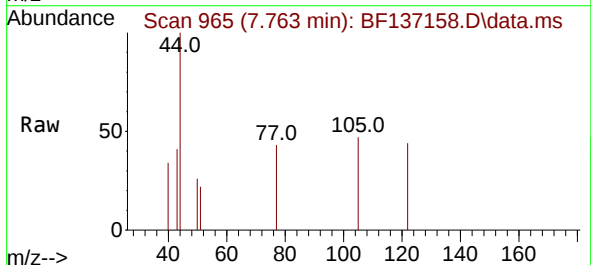
Instrument :
BNA_F
ClientSampleId :
MR-308-0-2

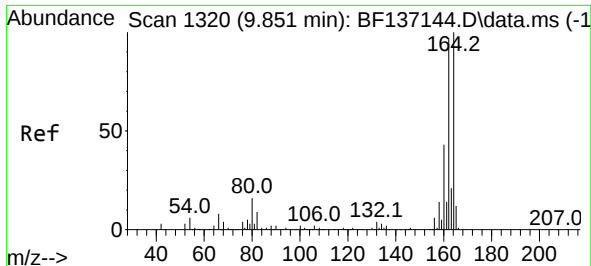
Tgt Ion: 82 Resp: 484324
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 11.5 17.3#



#32
Benzoic acid
Concen: 8.090 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.094 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

Tgt Ion:122 Resp: 372
Ion Ratio Lower Upper
122 100
105 106.9 123.2 163.2#
77 98.1 107.6 147.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137158.D

Acq: 25 Jan 2024 20:28

Instrument :

BNA_F

ClientSampleId :

MR-308-0-2

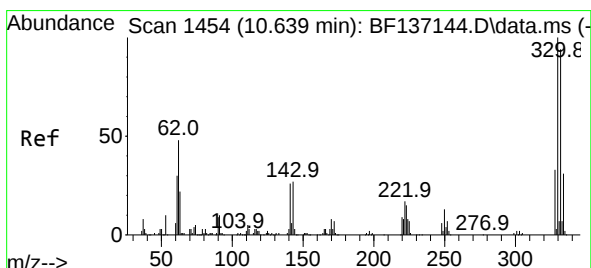
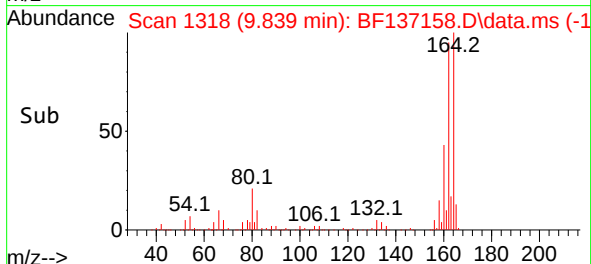
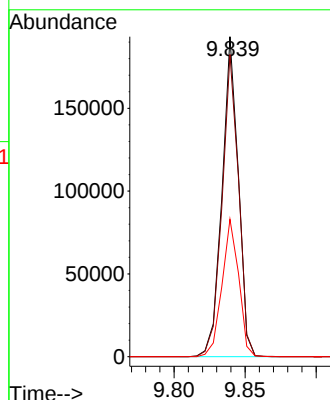
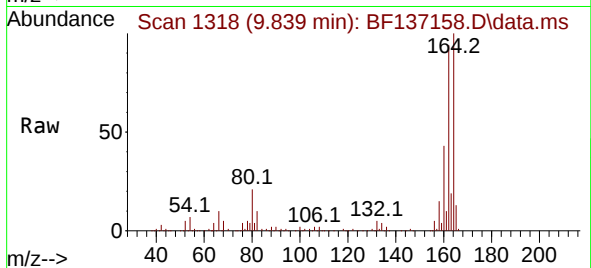
Tgt Ion:164 Resp: 153603

Ion Ratio Lower Upper

164 100

162 94.4 77.5 116.3

160 43.0 34.7 52.1



#42

2,4,6-Tribromophenol

Concen: 134.203 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137158.D

Acq: 25 Jan 2024 20:28

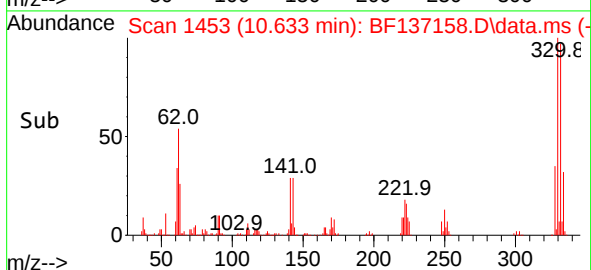
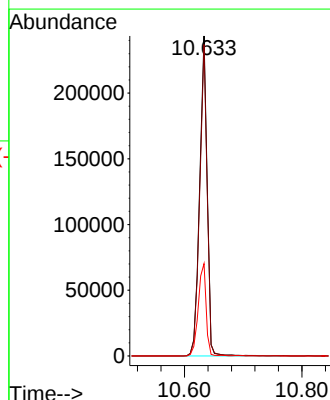
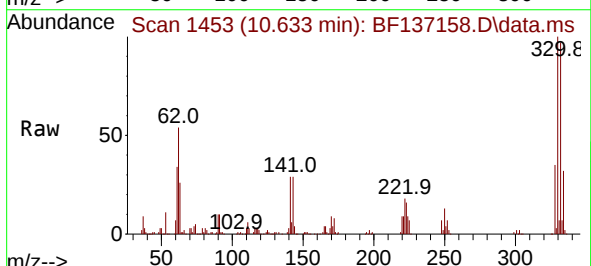
Tgt Ion:330 Resp: 216846

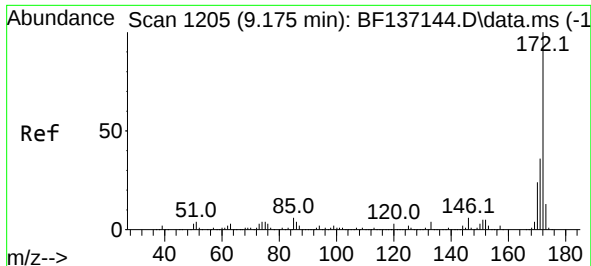
Ion Ratio Lower Upper

330 100

332 96.0 75.4 113.0

141 30.2 24.8 37.2





#45

2-Fluorobiphenyl

Concen: 79.044 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.012 min

Lab File: BF137158.D

Acq: 25 Jan 2024 20:28

Instrument :

BNA_F

ClientSampleId :

MR-308-0-2

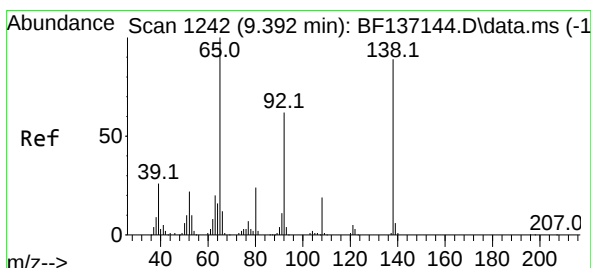
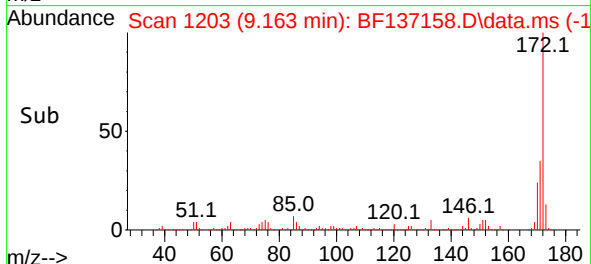
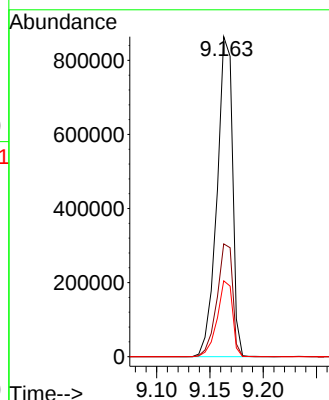
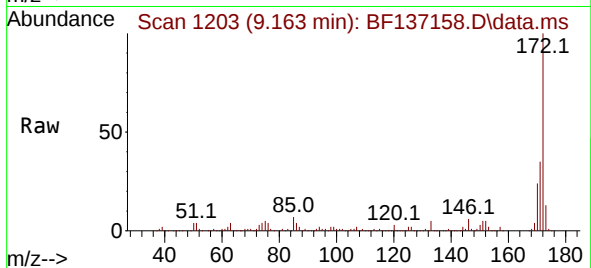
Tgt Ion:172 Resp: 872118

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.7 18.8 28.2



#48

2-Nitroaniline

Concen: 4.650 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.229 min

Lab File: BF137158.D

Acq: 25 Jan 2024 20:28

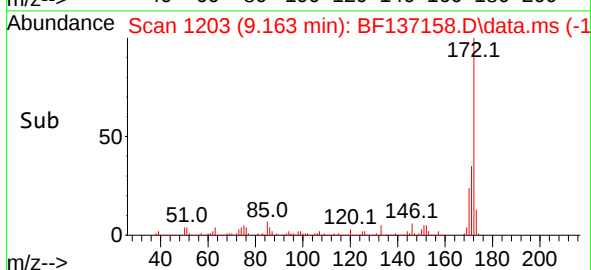
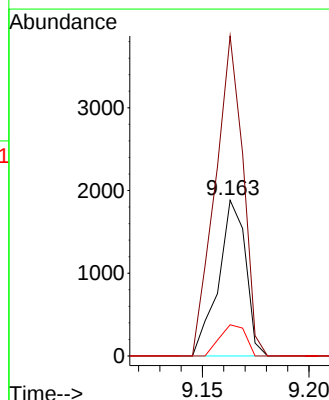
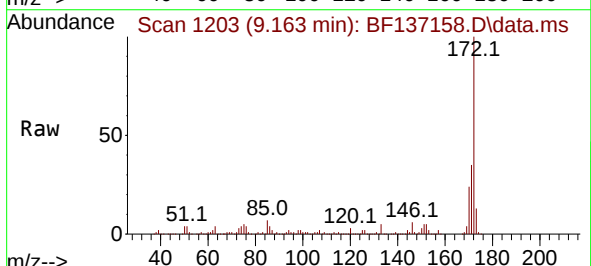
Tgt Ion: 65 Resp: 1678

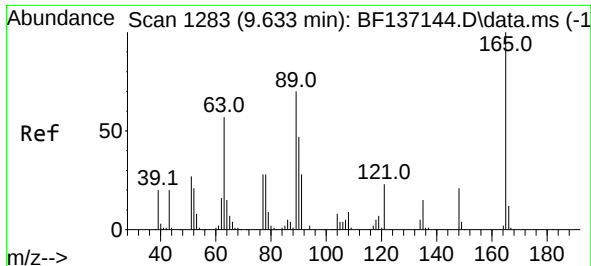
Ion Ratio Lower Upper

65 100

92 205.6 49.4 74.2#

138 20.0 70.8 106.2#

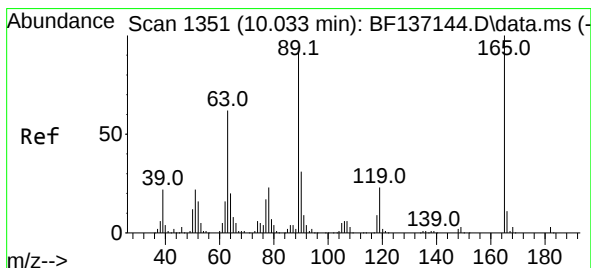
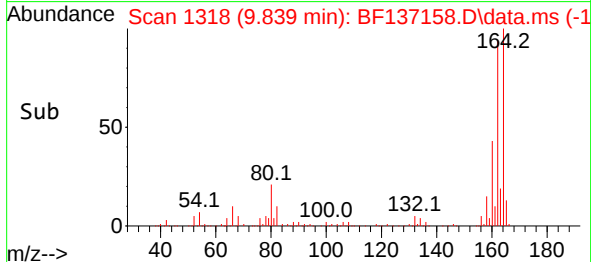
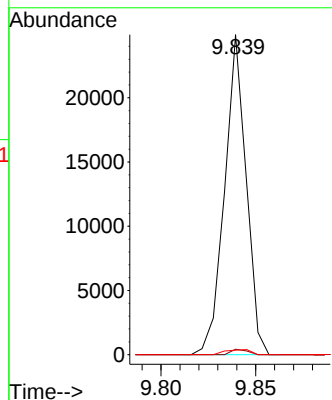
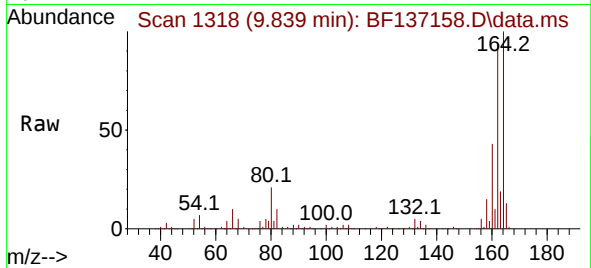




#51
2,6-Dinitrotoluene
Concen: 11.748 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

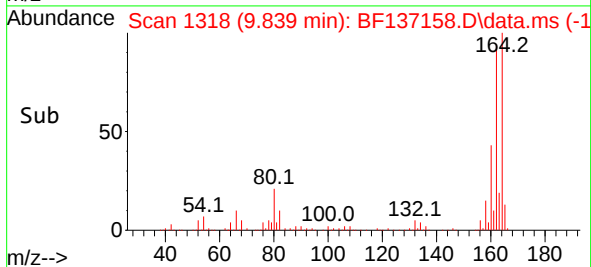
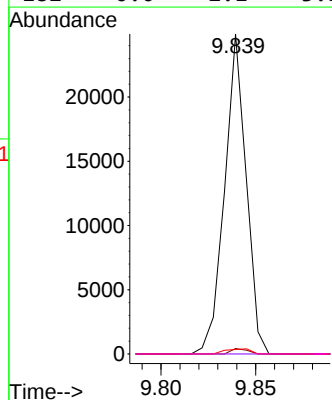
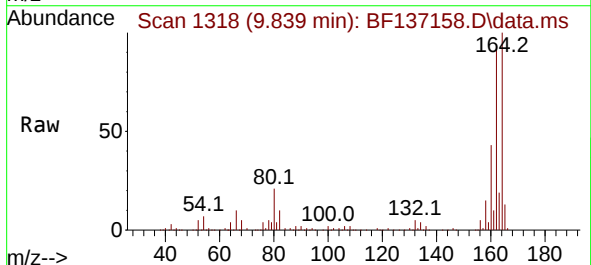
Instrument :
BNA_F
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MR-308-0-2

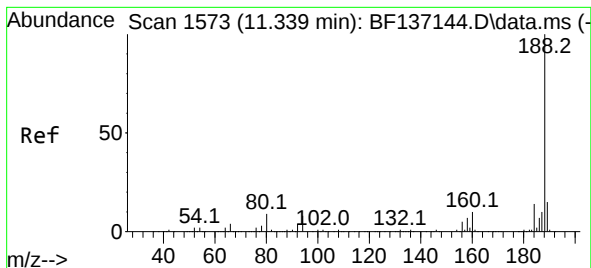
Tgt Ion:165 Resp: 19730
Ion Ratio Lower Upper
165 100
63 1.7 64.4 96.6#
89 1.4 55.7 83.5#



#57
2,4-Dinitrotoluene
Concen: 11.073 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.194 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

Tgt Ion:165 Resp: 19730
Ion Ratio Lower Upper
165 100
63 1.7 49.4 74.2#
89 1.4 73.5 110.3#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137158.D

Acq: 25 Jan 2024 20:28

Instrument :

BNA_F

ClientSampleId :

MR-308-0-2

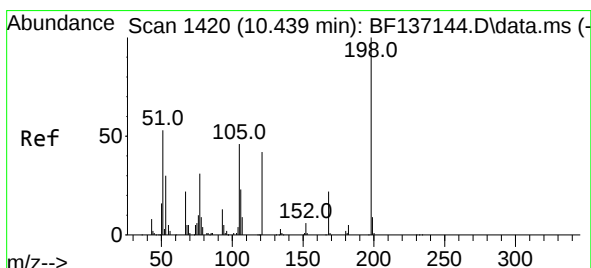
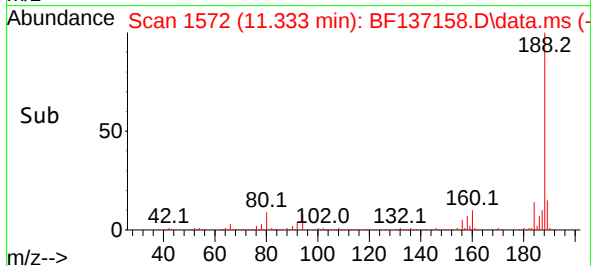
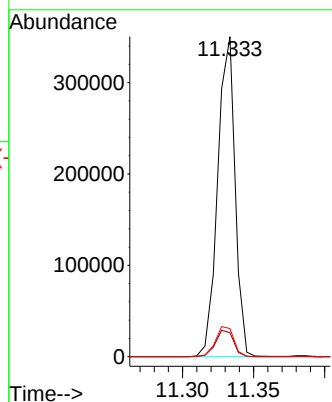
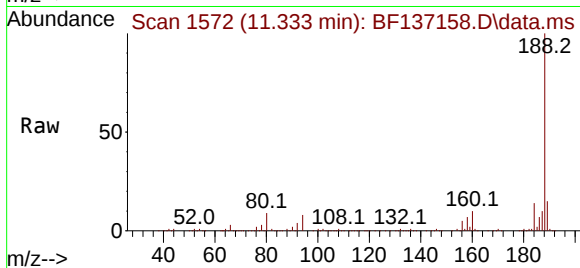
Tgt Ion:188 Resp: 298206

Ion Ratio Lower Upper

188 100

94 7.5 6.4 9.6

80 8.8 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.581 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.194 min

Lab File: BF137158.D

Acq: 25 Jan 2024 20:28

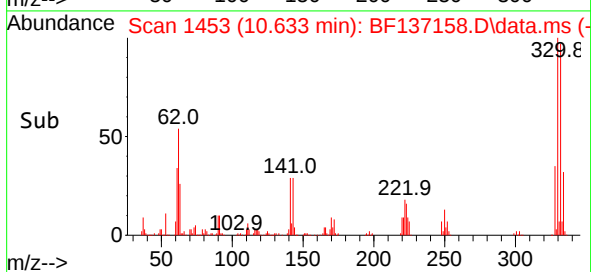
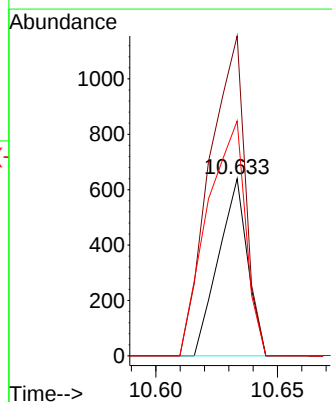
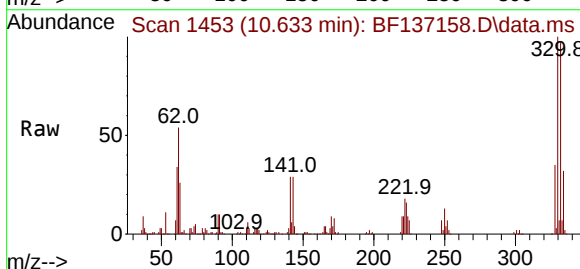
Tgt Ion:198 Resp: 533

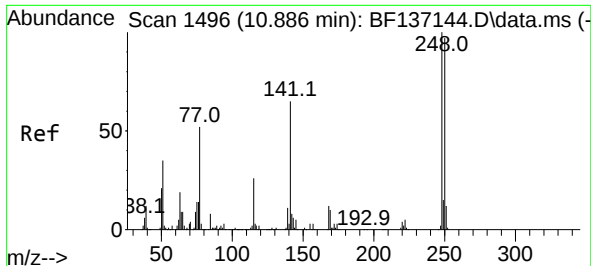
Ion Ratio Lower Upper

198 100

51 180.5 44.7 84.7#

105 132.5 28.2 68.2#

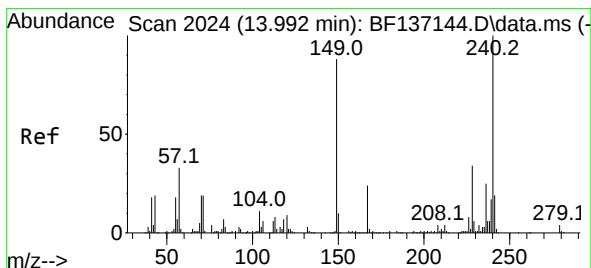
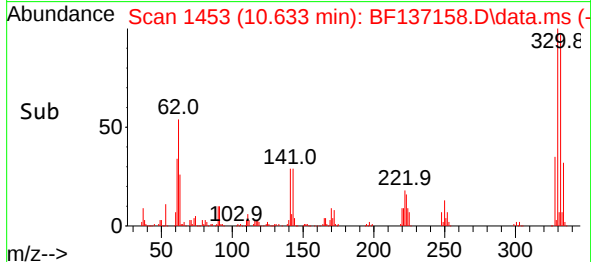
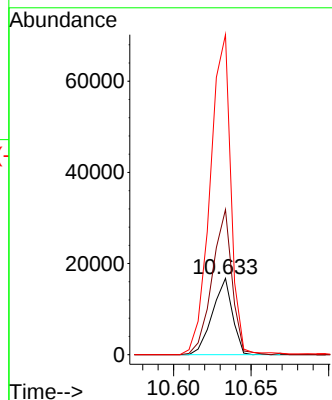
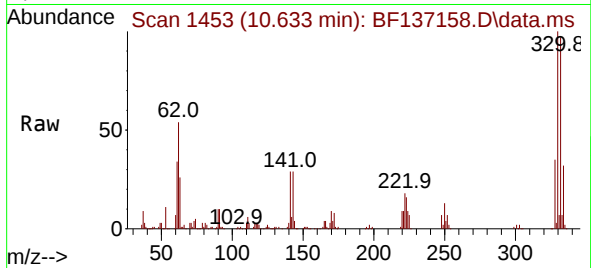




#67
4-Bromophenyl-phenylether
Concen: 4.372 ng
RT: 10.633 min Scan# 1496
Delta R.T. -0.253 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

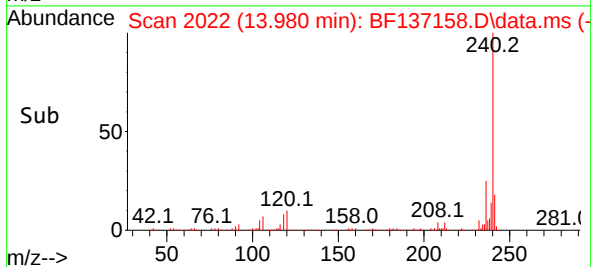
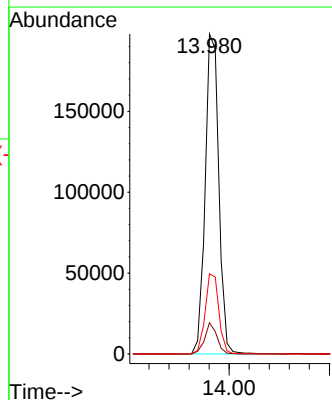
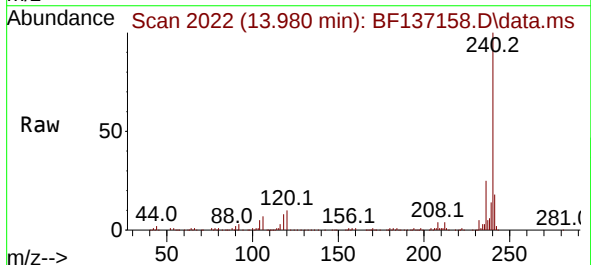
Instrument :
BNA_F
ClientSampleId :
MR-308-0-2

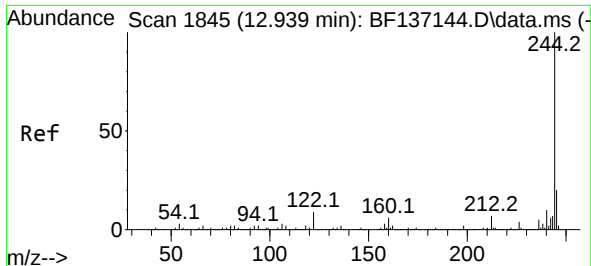
Tgt Ion:248 Resp: 15023
Ion Ratio Lower Upper
248 100
250 190.1 77.7 116.5#
141 419.4 52.3 78.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

Tgt Ion:240 Resp: 187682
Ion Ratio Lower Upper
240 100
120 9.8 6.9 10.3
236 25.0 20.4 30.6

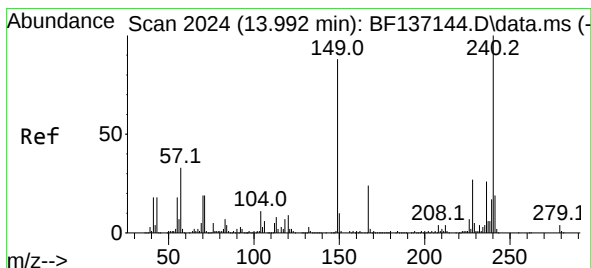
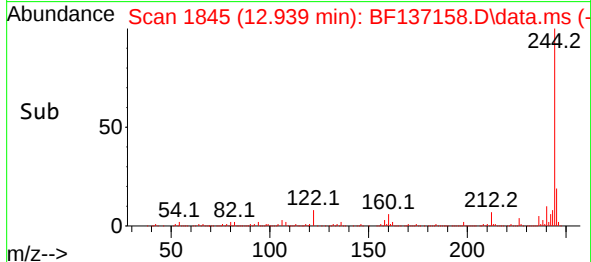
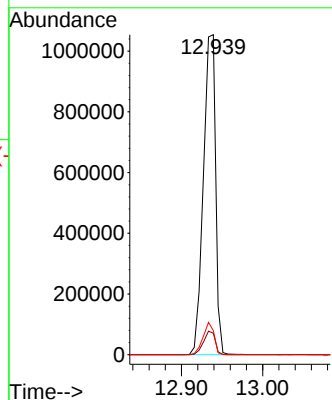
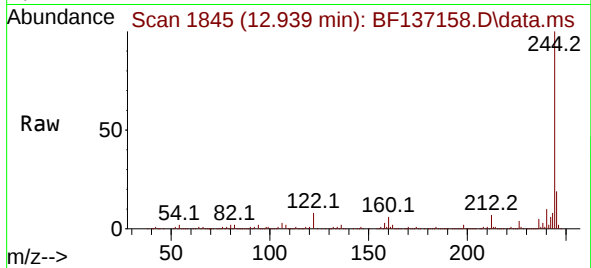




#79
 Terphenyl-d14
 Concen: 84.024 ng
 RT: 12.939 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137158.D
 Acq: 25 Jan 2024 20:28

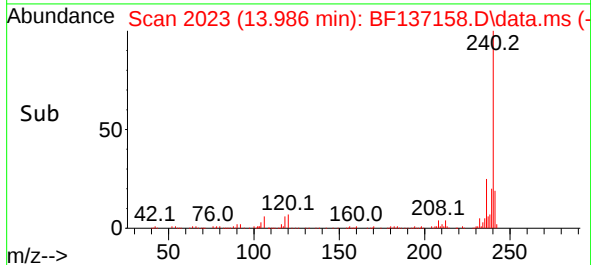
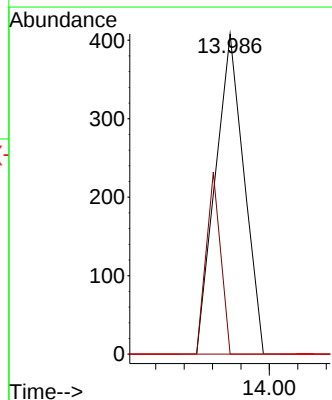
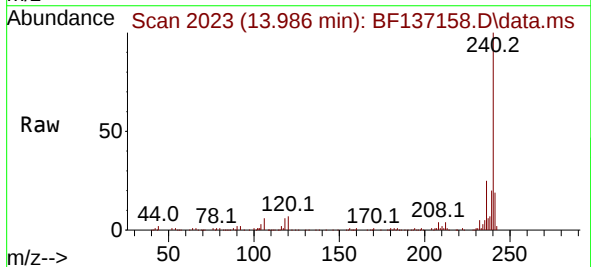
Instrument :
 BNA_F
 ClientSampleId :
 MR-308-0-2

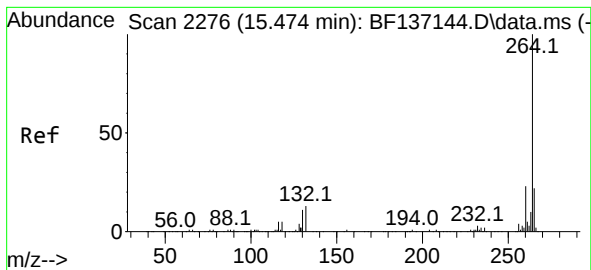
Tgt Ion:244 Resp: 1102804
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 7.5 7.3 10.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.328 ng
 RT: 13.986 min Scan# 2023
 Delta R.T. -0.006 min
 Lab File: BF137158.D
 Acq: 25 Jan 2024 20:28

Tgt Ion:149 Resp: 284
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.7 32.5#
 279 0.0 3.6 5.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137158.D

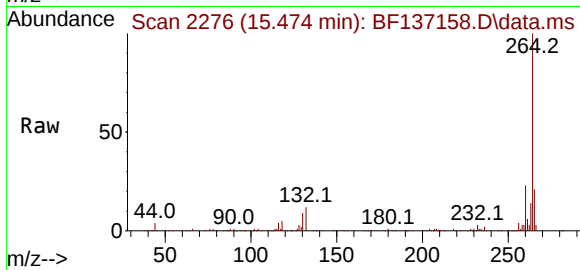
Acq: 25 Jan 2024 20:28

Instrument :

BNA_F

ClientSampleId :

MR-308-0-2



Tgt Ion:264 Resp: 172975

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 20.9 17.2 25.8

