

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138443.D
 Acq On : 03 Jul 2024 13:46
 Operator : CG\JU
 Sample : P3141-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-129-SB02

Quant Time: Jul 03 14:25:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

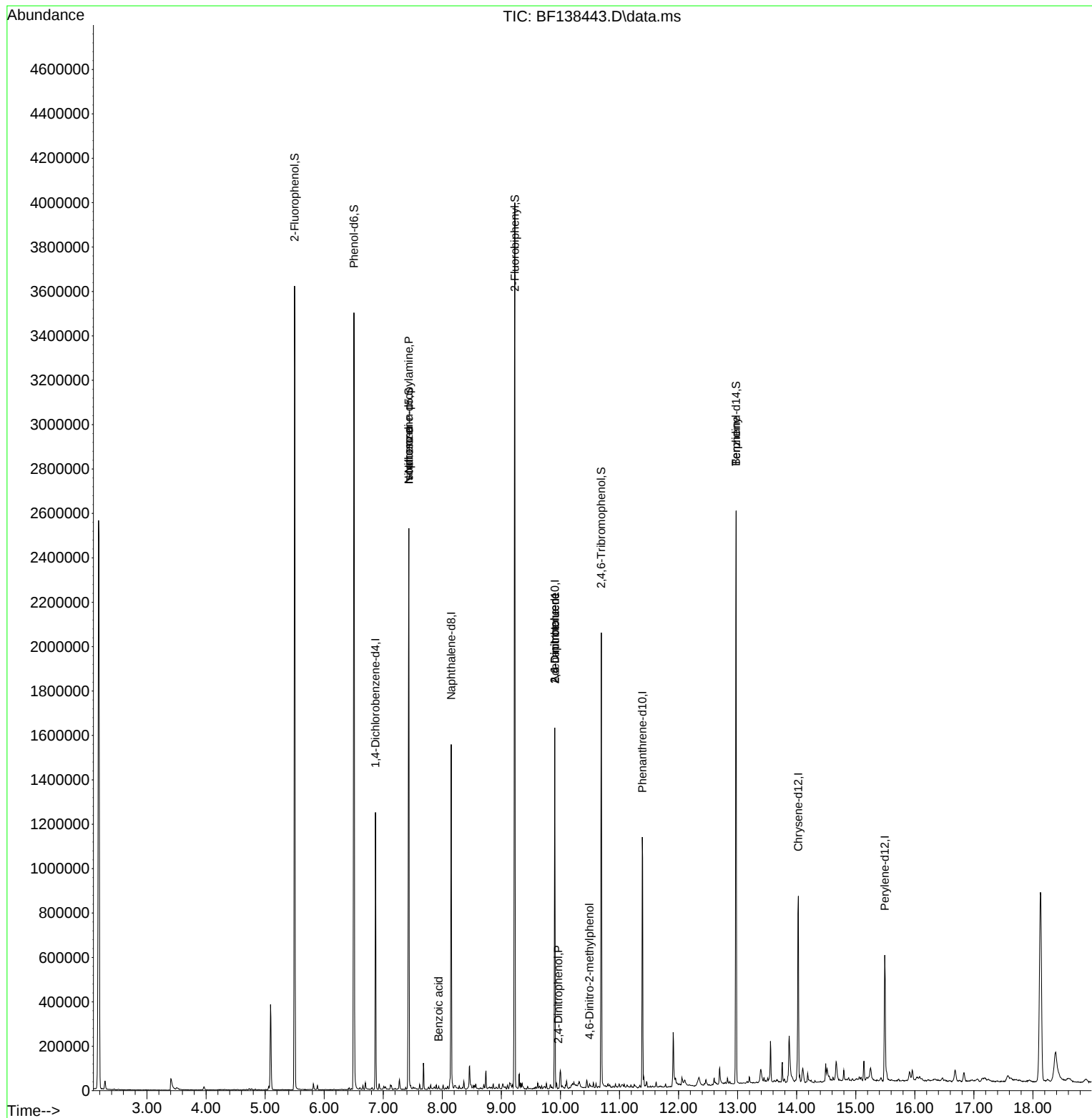
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	153918	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	579736	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	285842	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	401581	20.000	ng	#-0.01
76) Chrysene-d12	14.027	240	277184	20.000	ng	0.00
86) Perylene-d12	15.492	264	252473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	908656	97.877	ng	0.00
7) Phenol-d6	6.504	99	1174144	93.887	ng	-0.01
23) Nitrobenzene-d5	7.434	82	739299	66.245	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	203408	87.099	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1170605	65.175	ng	0.00
79) Terphenyl-d14	12.974	244	830980	41.084	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	97503	12.367	ng	# 76
25) Isophorone	7.434	82	737119	35.821	ng	# 67
32) Benzoic acid	7.939	122	113	4.117	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	36812	8.947	ng	# 20
54) 2,4-Dinitrophenol	9.963	184	207	9.036	ng	# 82
57) 2,4-Dinitrotoluene	9.904	165	36812	7.267	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.492	198	225	5.892	ng	# 30
77) Benzidine	12.974	184	10873	4.906	ng	# 95

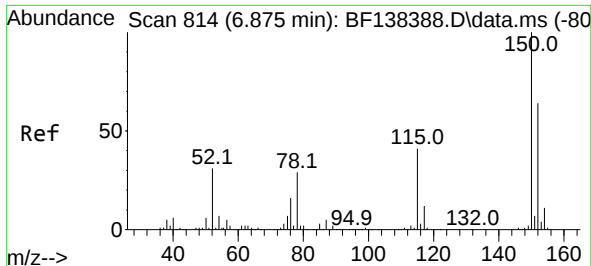
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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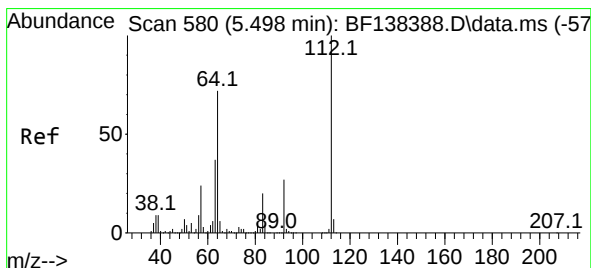
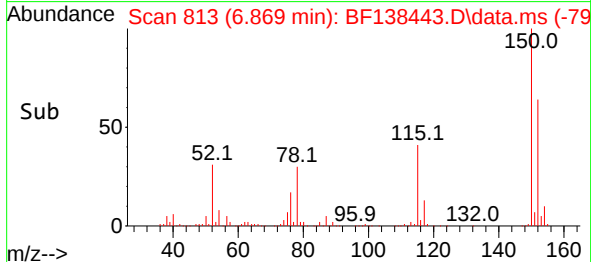
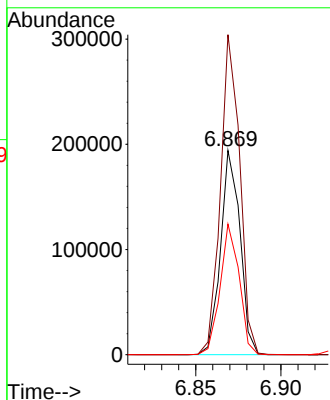
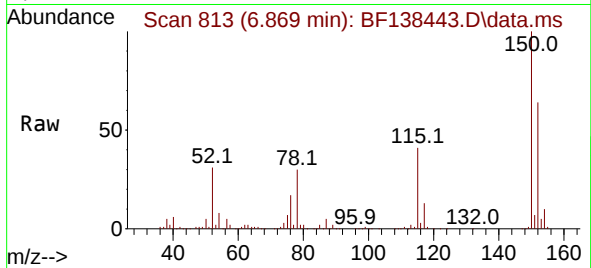




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

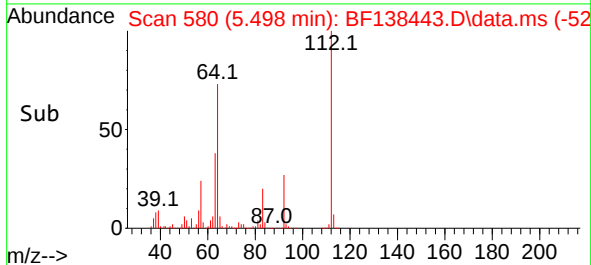
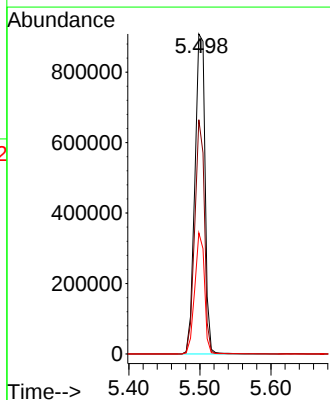
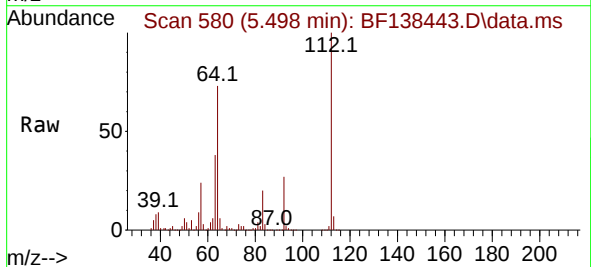
Instrument :
BNA_F
ClientSampleId :
B-129-SB02

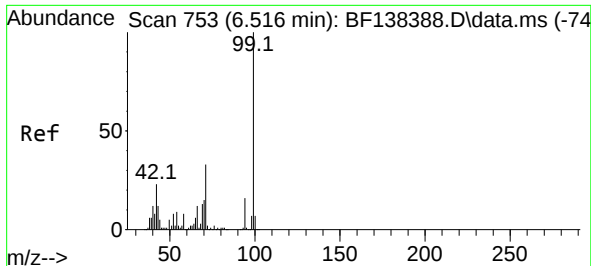
Tgt Ion:152 Resp: 153918
Ion Ratio Lower Upper
152 100
150 156.7 124.9 187.3
115 64.0 50.8 76.2



#5
2-Fluorophenol
Concen: 97.877 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

Tgt Ion:112 Resp: 908656
Ion Ratio Lower Upper
112 100
64 73.2 57.2 85.8
63 37.8 29.4 44.0





#7
Phenol-d6
Concen: 93.887 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

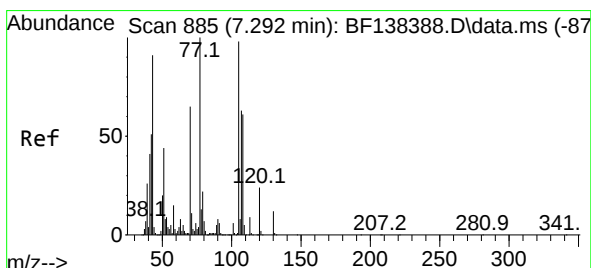
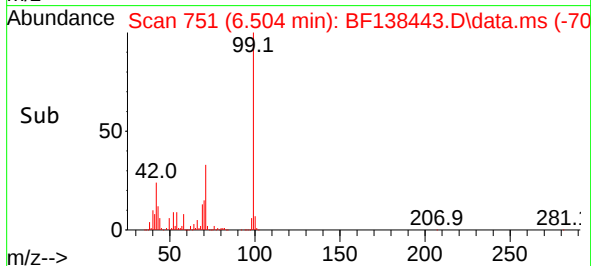
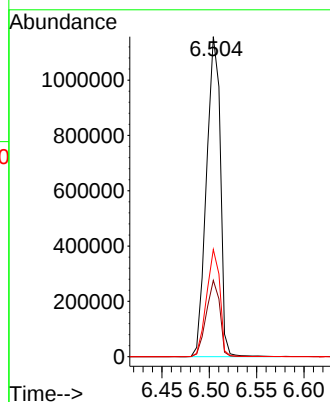
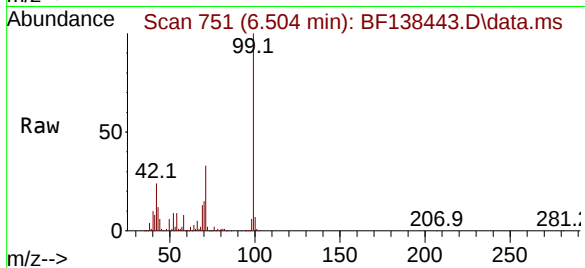
Instrument :

BNA_F

ClientSampleId :

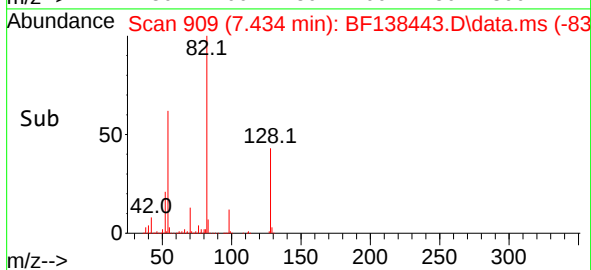
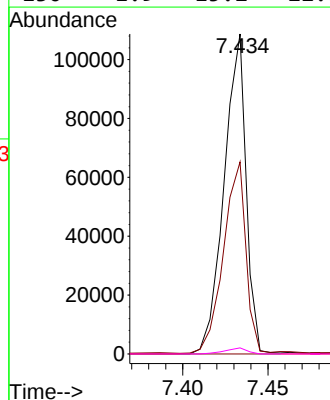
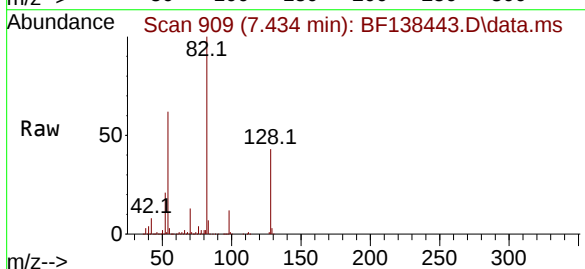
B-129-SB02

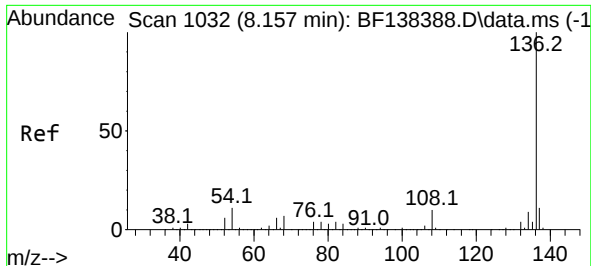
Tgt Ion: 99 Resp: 1174144
Ion Ratio Lower Upper
99 100
42 23.8 18.5 27.7
71 33.5 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.367 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

Tgt Ion: 70 Resp: 97503
Ion Ratio Lower Upper
70 100
42 60.0 62.5 93.7#
101 0.0 7.0 10.4#
130 1.9 15.2 22.8#



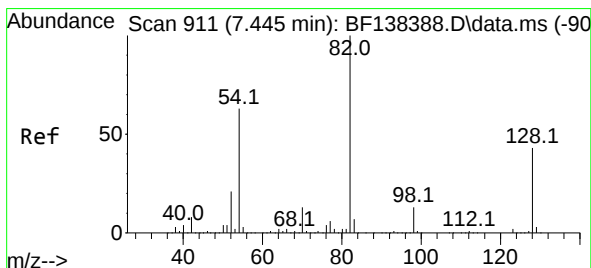
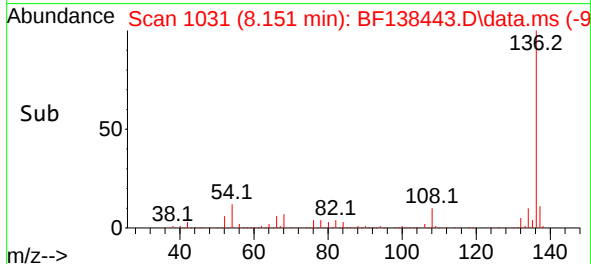
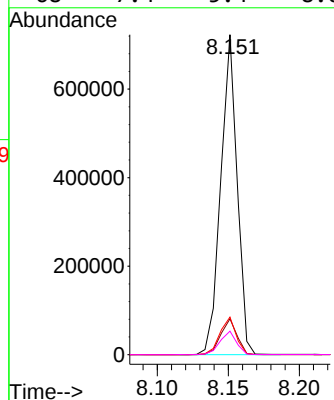
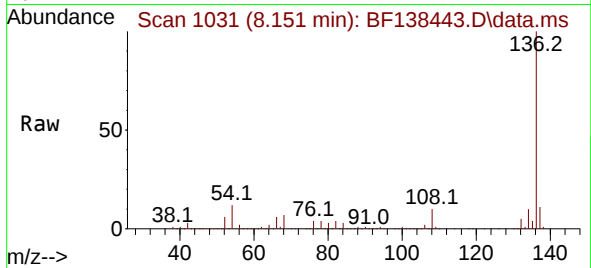


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

Instrument :
BNA_F
ClientSampleId :
B-129-SB02

Tgt Ion:136 Resp: 579736

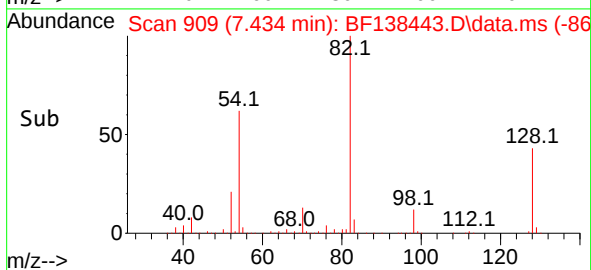
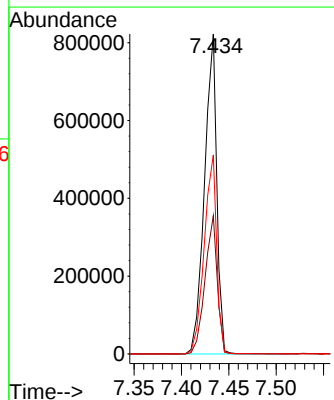
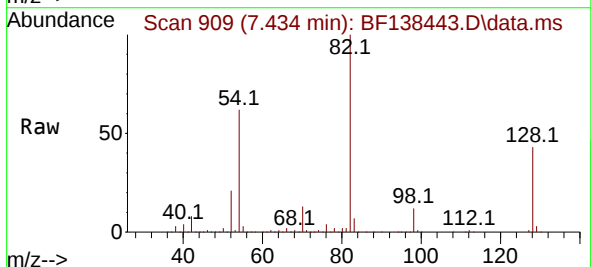
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	11.8	9.0	13.4
68	7.4	5.4	8.0

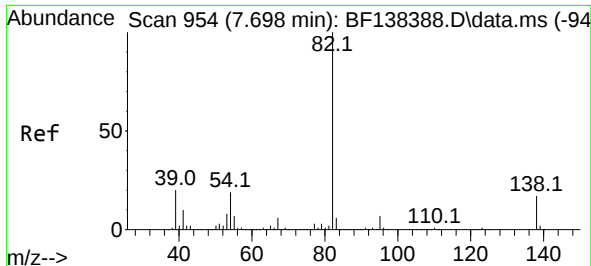


#23
Nitrobenzene-d5
Concen: 66.245 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

Tgt Ion: 82 Resp: 739299

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	52.0
54	62.2	50.5	75.7

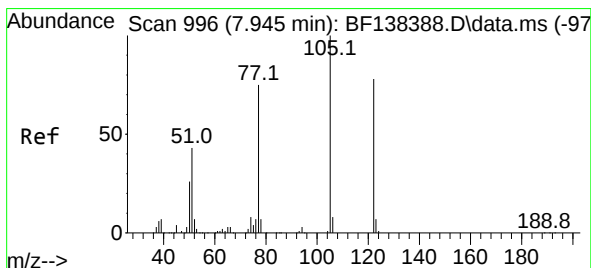
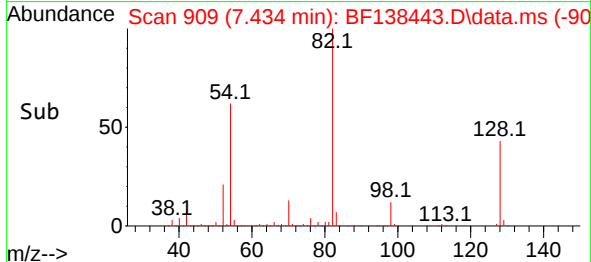
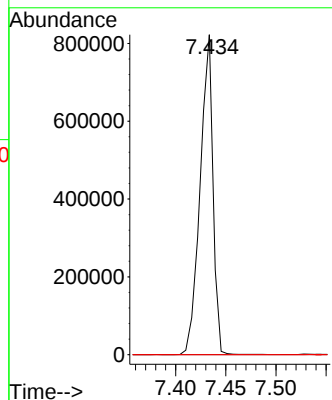
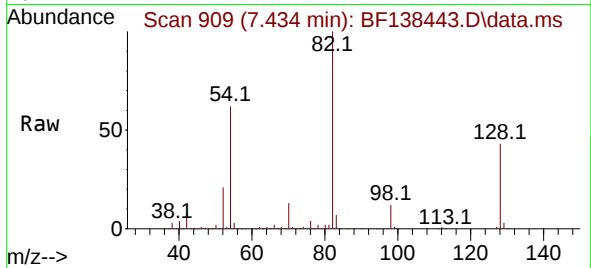




#25
Isophorone
Concen: 35.821 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

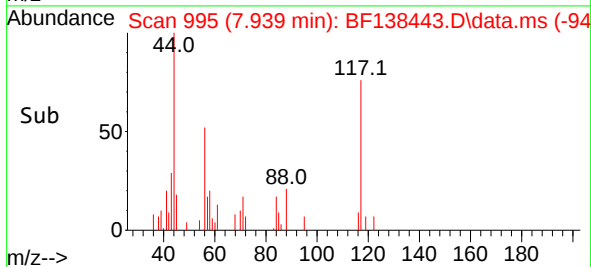
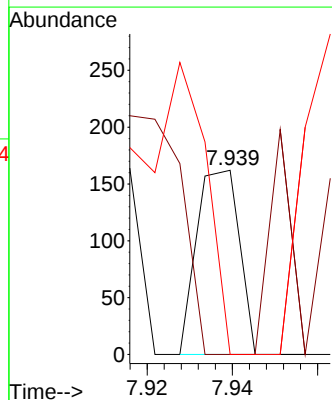
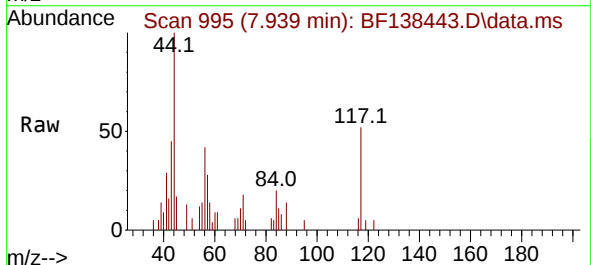
Instrument :
BNA_F
ClientSampleId :
B-129-SB02

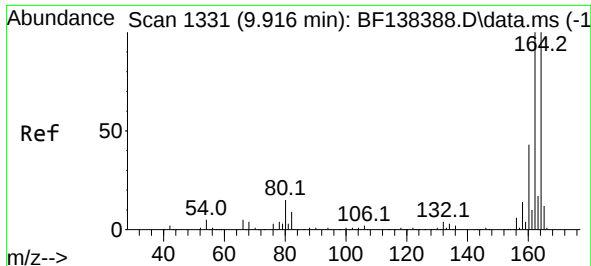
Tgt Ion: 82 Resp: 737119
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#32
Benzoic acid
Concen: 4.117 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

Tgt Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 0.0 74.3 114.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138443.D

Acq: 03 Jul 2024 13:46

Instrument :

BNA_F

ClientSampleId :

B-129-SB02

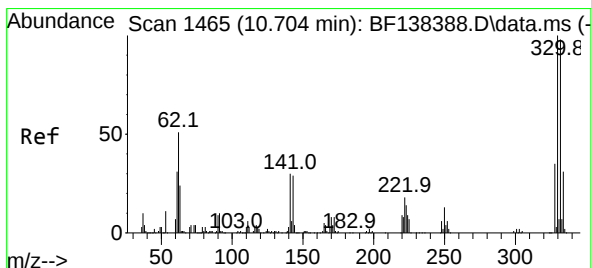
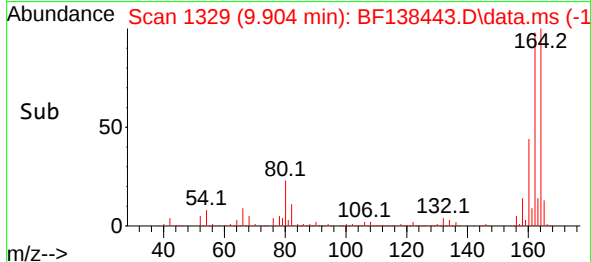
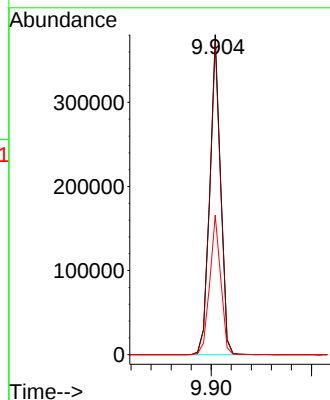
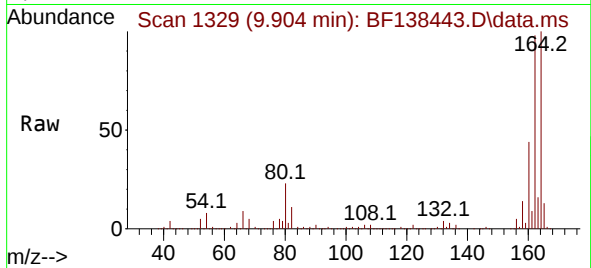
Tgt Ion:164 Resp: 285842

Ion Ratio Lower Upper

164 100

162 97.6 80.1 120.1

160 43.6 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 87.099 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.012 min

Lab File: BF138443.D

Acq: 03 Jul 2024 13:46

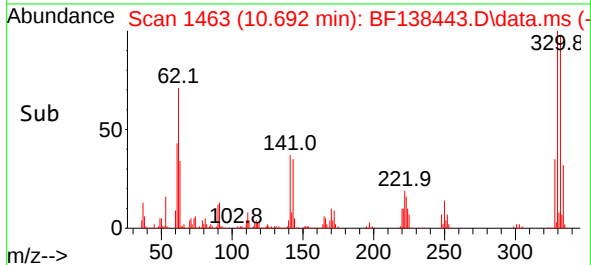
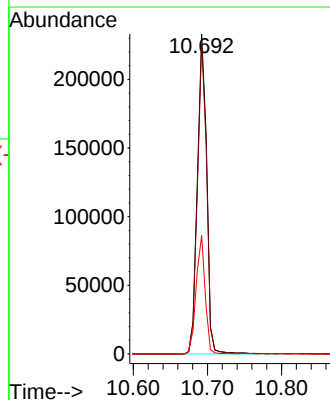
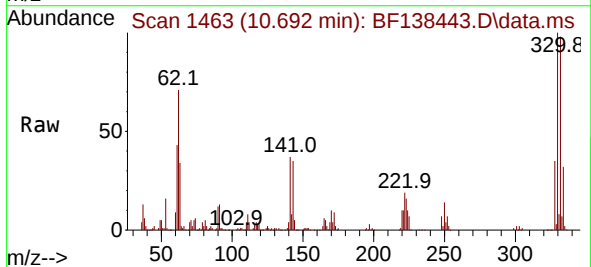
Tgt Ion:330 Resp: 203408

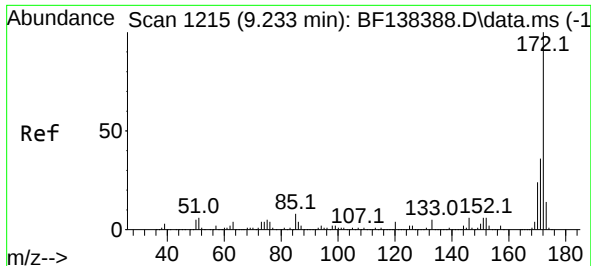
Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

141 35.7 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 65.175 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF138443.D

Acq: 03 Jul 2024 13:46

Instrument :

BNA_F

ClientSampleId :

B-129-SB02

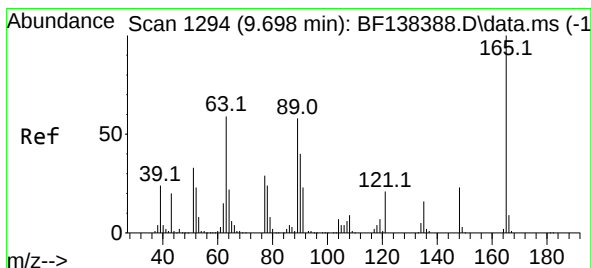
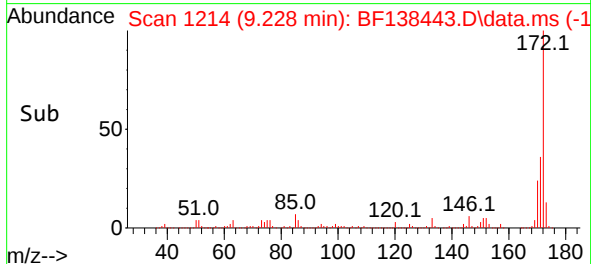
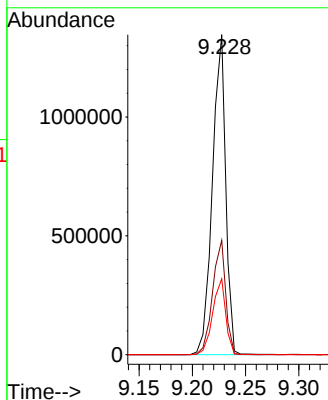
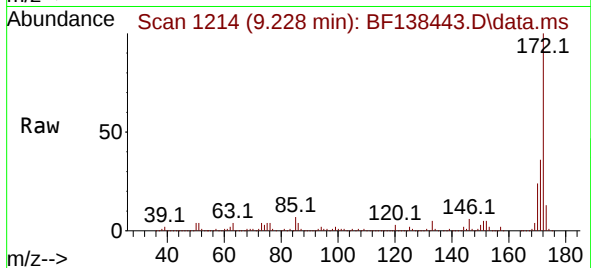
Tgt Ion:172 Resp: 1170605

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

170 23.7 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.947 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.206 min

Lab File: BF138443.D

Acq: 03 Jul 2024 13:46

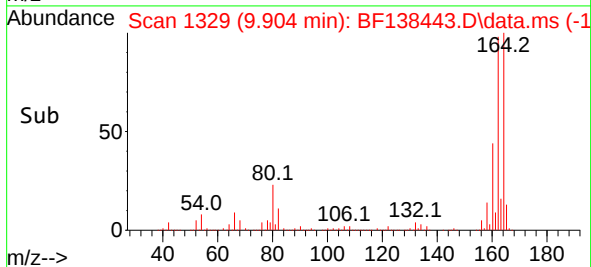
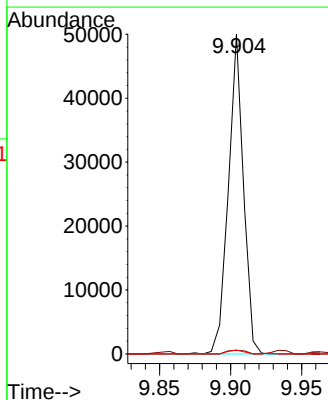
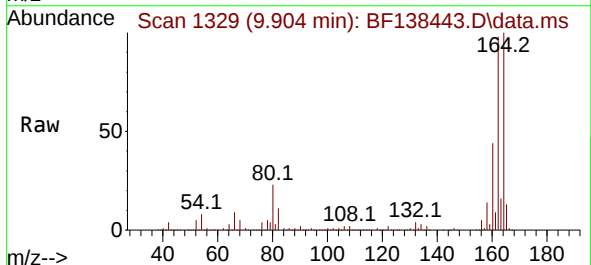
Tgt Ion:165 Resp: 36812

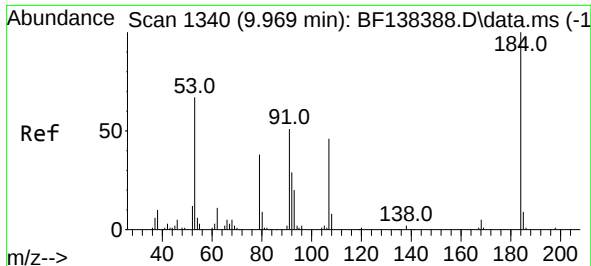
Ion Ratio Lower Upper

165 100

63 1.1 53.8 80.8#

89 1.3 46.4 69.6#

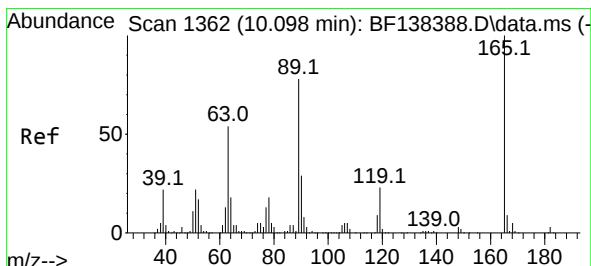
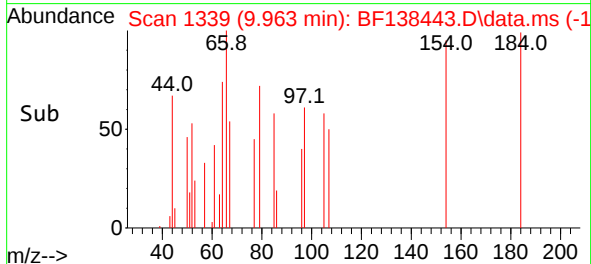
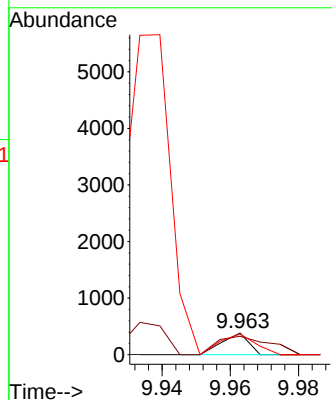
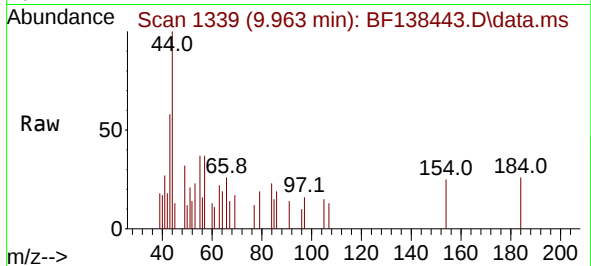




#54
2,4-Dinitrophenol
Concen: 9.036 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

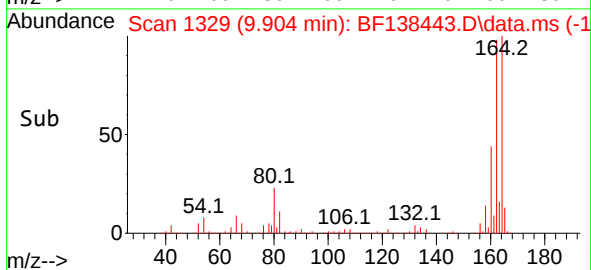
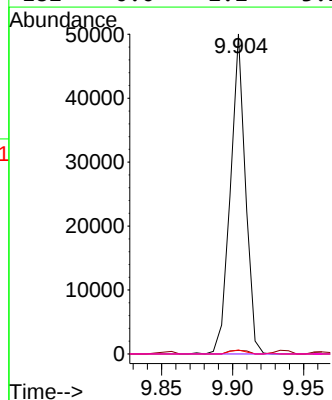
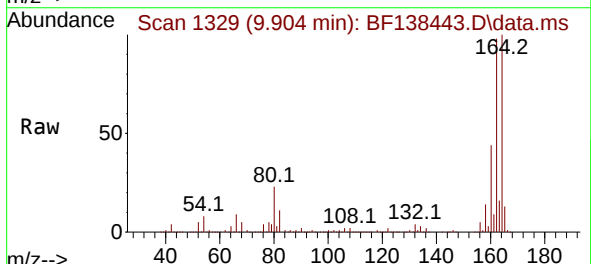
Instrument :
BNA_F
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B-129-SB02

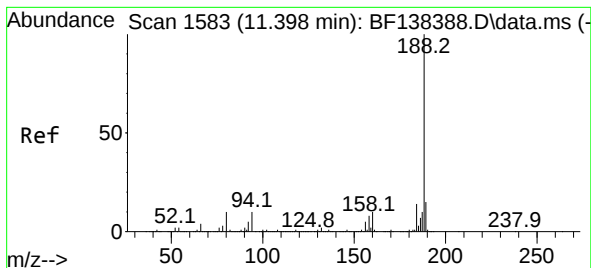
Tgt Ion:184 Resp: 207
Ion Ratio Lower Upper
184 100
63 84.8 67.3 100.9
154 95.8 51.0 76.4#



#57
2,4-Dinitrotoluene
Concen: 7.267 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

Tgt Ion:165 Resp: 36812
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.2#
89 1.3 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138443.D

Acq: 03 Jul 2024 13:46

Instrument :

BNA_F

ClientSampleId :

B-129-SB02

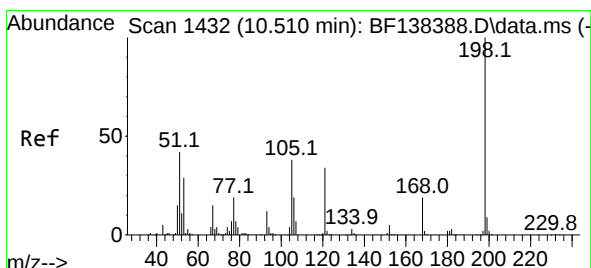
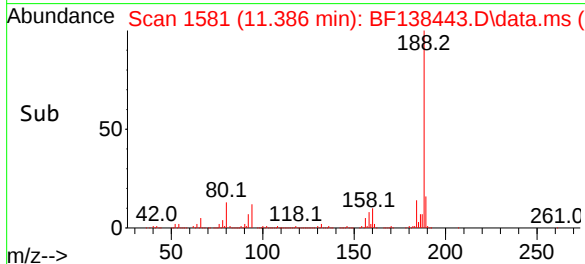
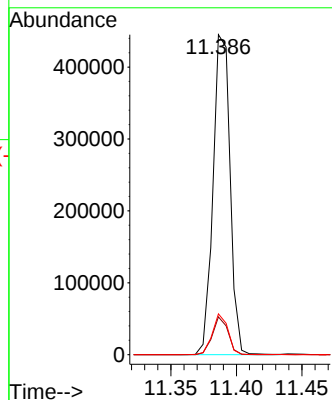
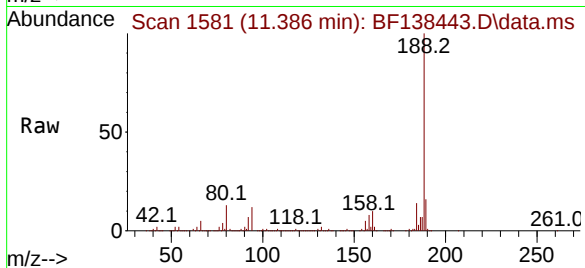
Tgt Ion:188 Resp: 401581

Ion Ratio Lower Upper

188 100

94 11.8 8.0 12.0

80 12.7 8.2 12.4#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.892 ng

RT: 10.492 min Scan# 1429

Delta R.T. -0.018 min

Lab File: BF138443.D

Acq: 03 Jul 2024 13:46

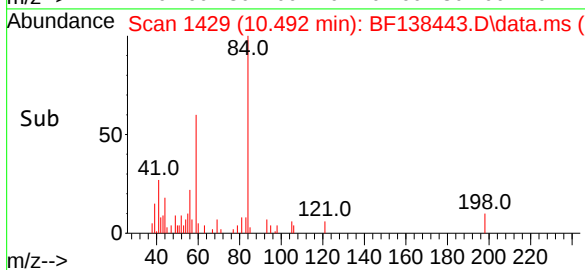
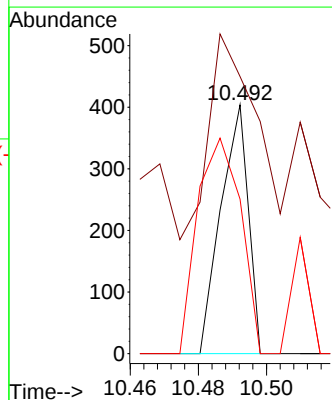
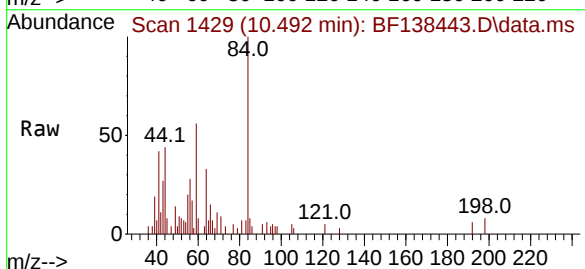
Tgt Ion:198 Resp: 225

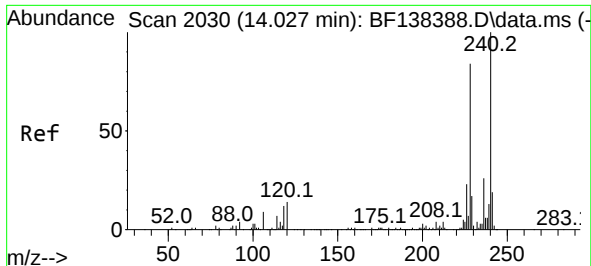
Ion Ratio Lower Upper

198 100

51 111.4 27.9 67.9#

105 62.1 18.2 58.2#

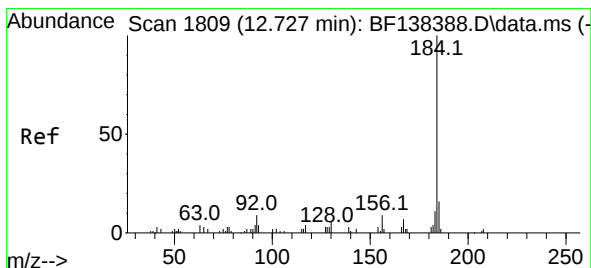
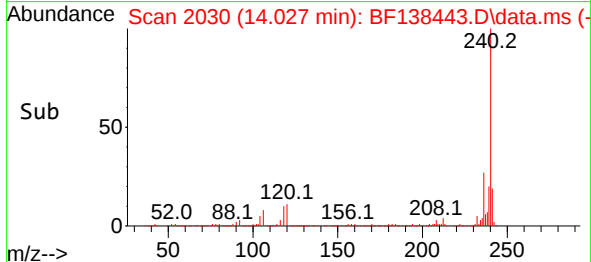
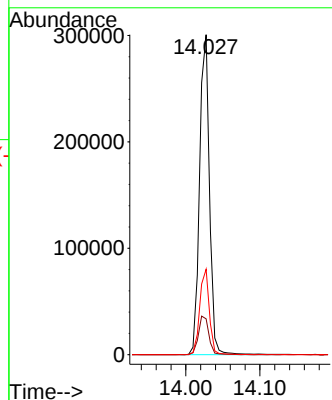
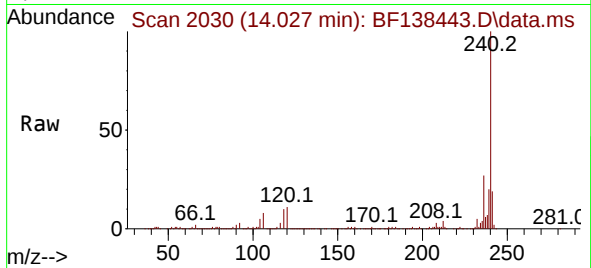




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

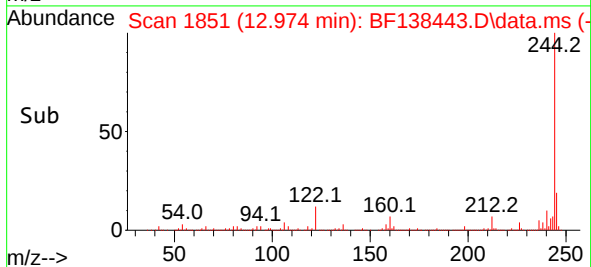
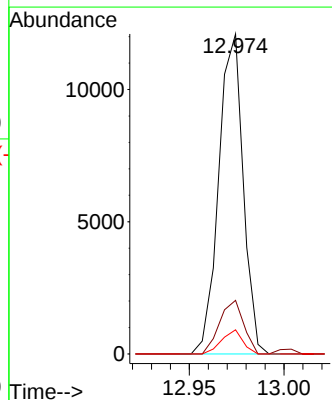
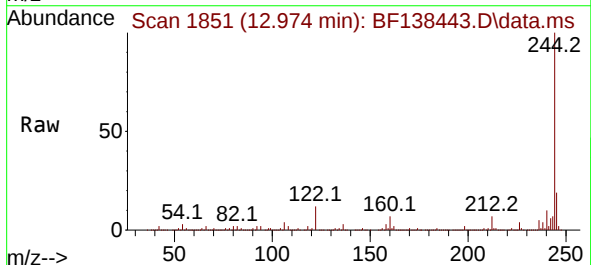
Instrument :
BNA_F
ClientSampleId :
B-129-SB02

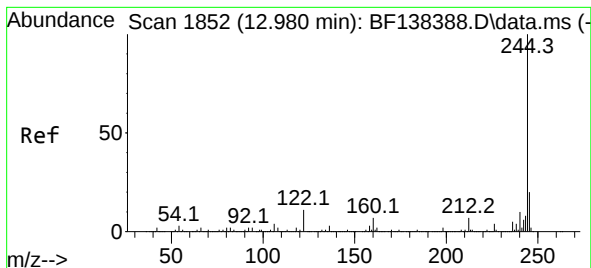
Tgt Ion:240 Resp: 277184
Ion Ratio Lower Upper
240 100
120 11.2 10.9 16.3
236 26.7 20.6 30.8



#77
Benzidine
Concen: 4.906 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

Tgt Ion:184 Resp: 10873
Ion Ratio Lower Upper
184 100
185 16.7 13.0 19.4
183 7.6 9.0 13.6#





#79

Terphenyl-d14

Concen: 41.084 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF138443.D

Acq: 03 Jul 2024 13:46

Instrument :

BNA_F

ClientSampleId :

B-129-SB02

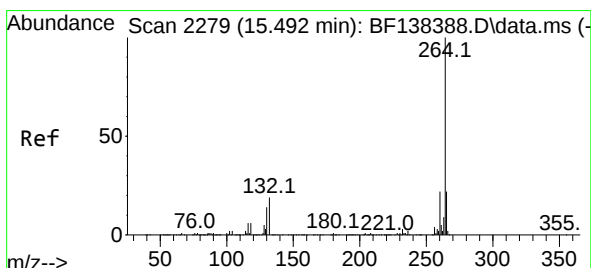
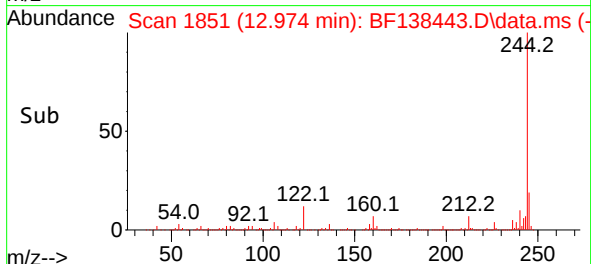
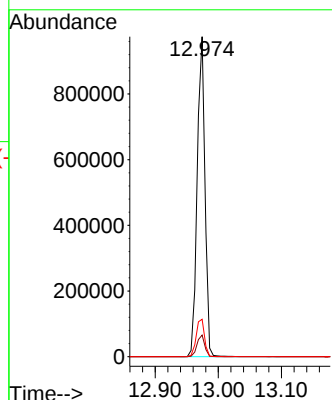
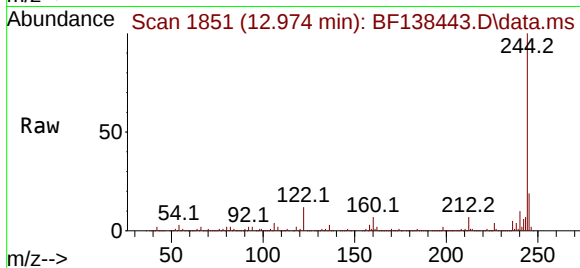
Tgt Ion:244 Resp: 830980

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.7 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF138443.D

Acq: 03 Jul 2024 13:46

Tgt Ion:264 Resp: 252473

Ion Ratio Lower Upper

264 100

260 23.7 17.8 26.6

265 21.3 17.5 26.3

