

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136084.D
 Acq On : 01 Nov 2023 19:01
 Operator : CG\JU
 Sample : 05137-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FAIR-LAWN-CONC

Quant Time: Nov 01 22:42:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

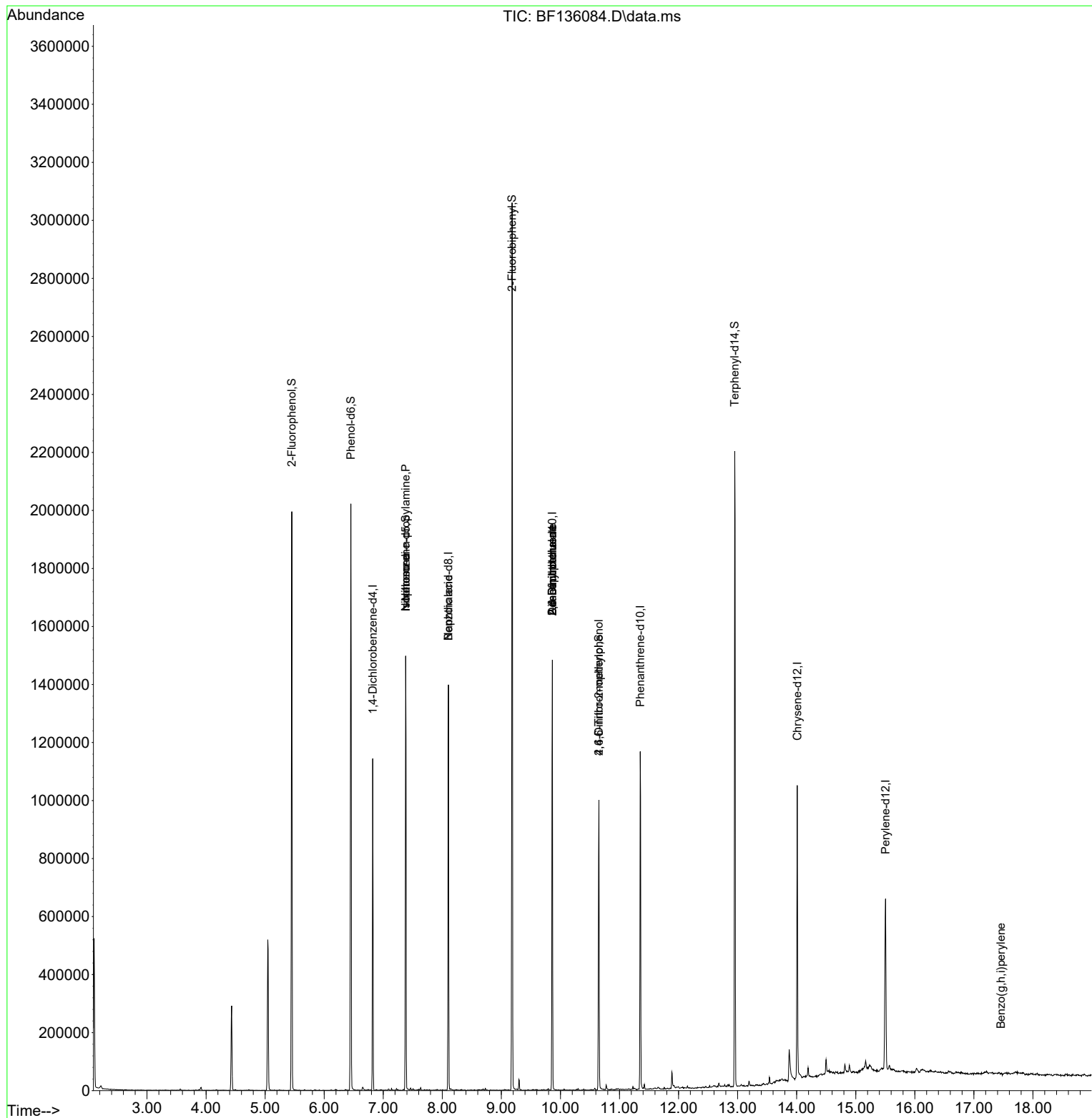
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	147514	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	564298	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	277242	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	427607	20.000	ng	0.00
76) Chrysene-d12	14.010	240	309004	20.000	ng	0.00
86) Perylene-d12	15.504	264	283337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	506077	53.910	ng	0.00
7) Phenol-d6	6.451	99	725898	62.063	ng	0.00
23) Nitrobenzene-d5	7.381	82	448730	47.937	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	116840	39.483	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	876336	50.388	ng	0.00
79) Terphenyl-d14	12.951	244	788920	39.676	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	57301	8.574	ng	# 79
25) Isophorone	7.381	82	447563	25.326	ng	# 64
32) Benzoic acid	8.104	122	66	5.123	ng	# 1
50) Dimethylphthalate	9.863	163	56162	3.071	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	35500	9.076	ng	# 29
57) 2,4-Dinitrotoluene	9.863	165	35500	7.174	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.651	198	214	5.871	ng	# 1
92) Benzo(g,h,i)perylene	17.456	276	726	2.934	ng	# 46

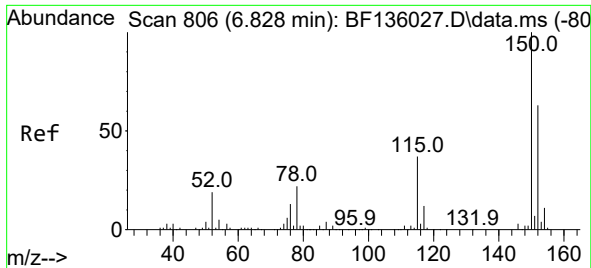
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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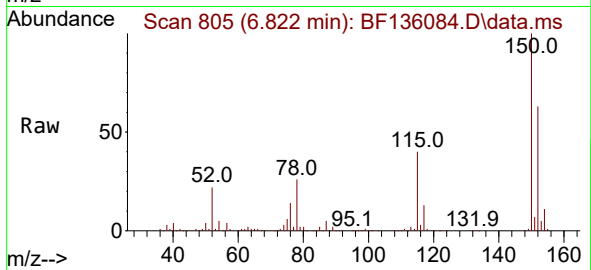
Quant Time: Nov 01 22:42:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration



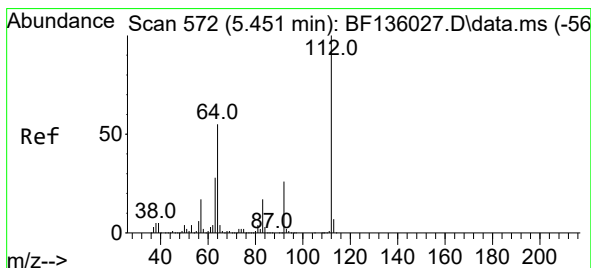
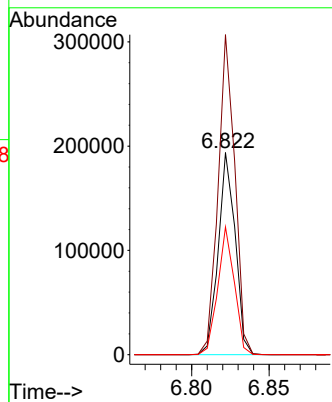
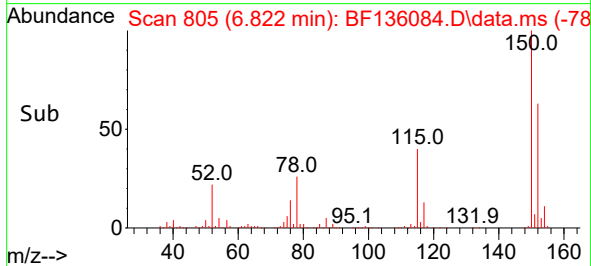


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

Instrument :
BNA_F
ClientSampleId :
FAIR-LAWN-CONC

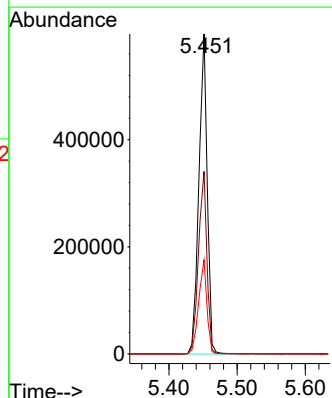
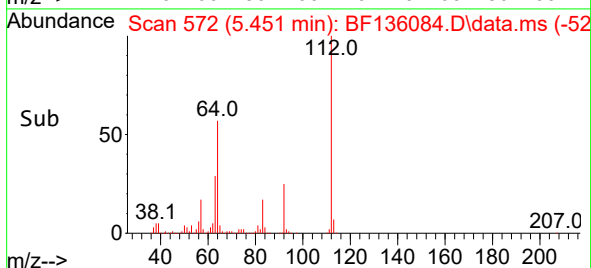
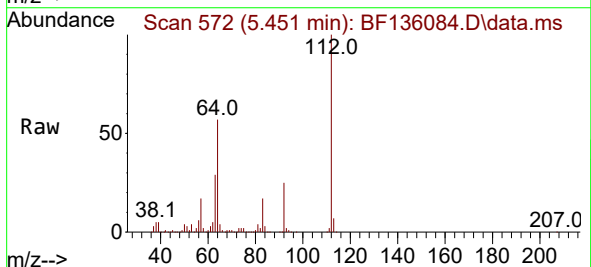


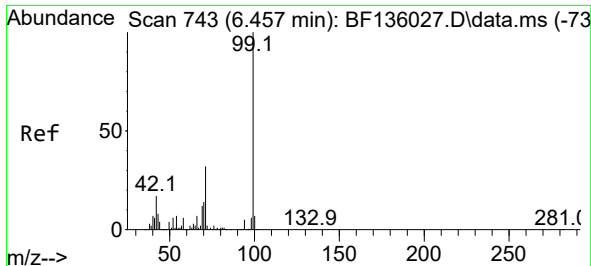
Tgt Ion:152 Resp: 147514
Ion Ratio Lower Upper
152 100
150 158.4 126.4 189.6
115 63.2 47.0 70.4



#5
2-Fluorophenol
Concen: 53.910 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

Tgt Ion:112 Resp: 506077
Ion Ratio Lower Upper
112 100
64 57.0 43.9 65.9
63 29.4 22.4 33.6

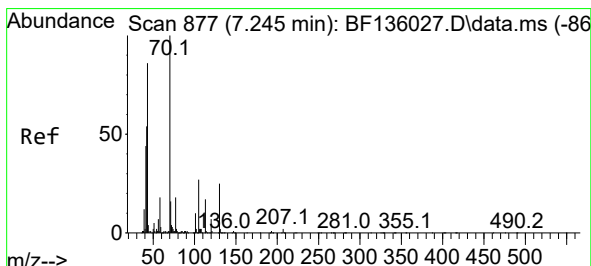
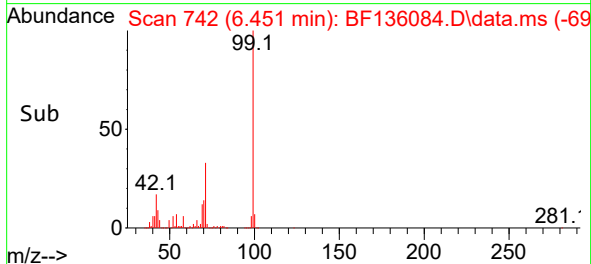
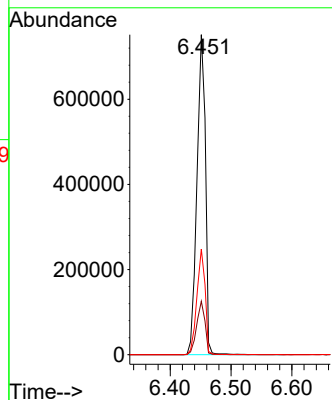
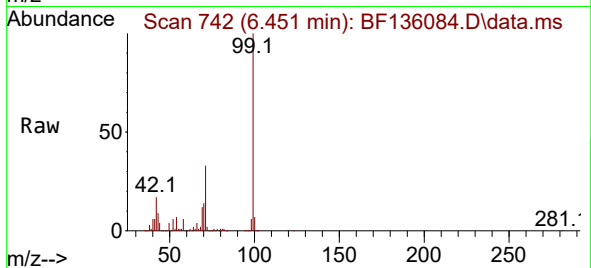




#7
Phenol-d6
Concen: 62.063 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

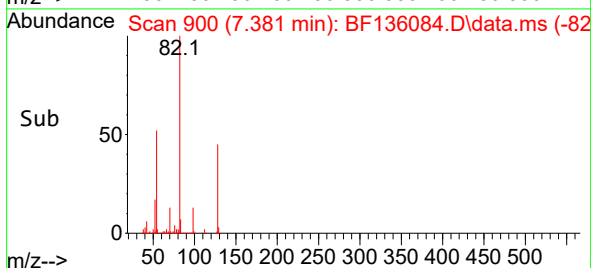
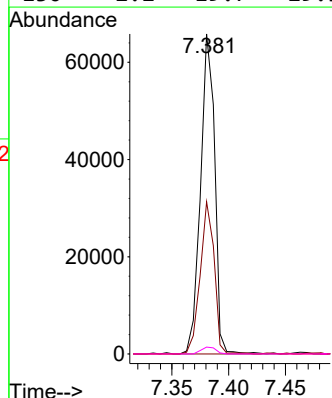
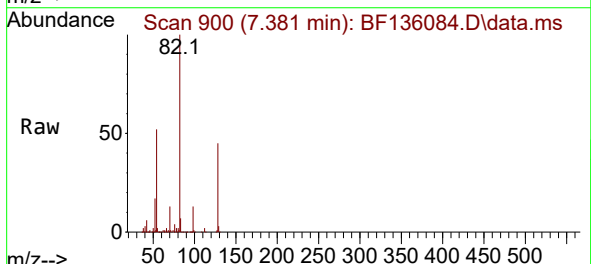
Instrument :
BNA_F
ClientSampleId :
FAIR-LAWN-CONC

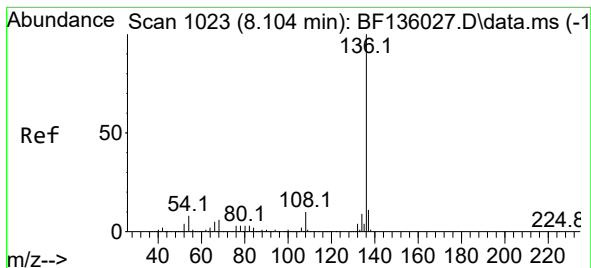
Tgt Ion: 99 Resp: 725898
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 33.0 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 8.574 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.135 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

Tgt Ion: 70 Resp: 57301
Ion Ratio Lower Upper
70 100
42 47.5 43.0 64.4
101 0.0 8.0 12.0#
130 2.2 19.7 29.5#

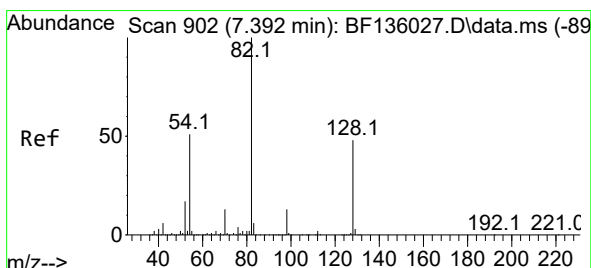
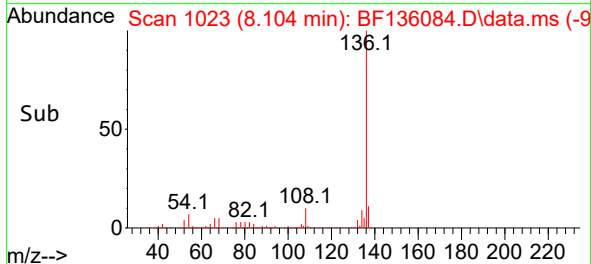
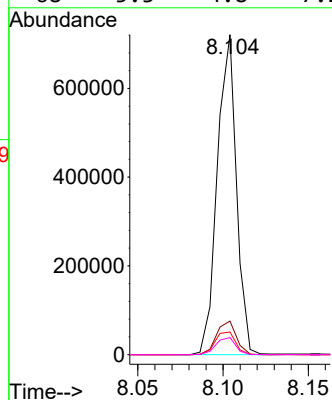
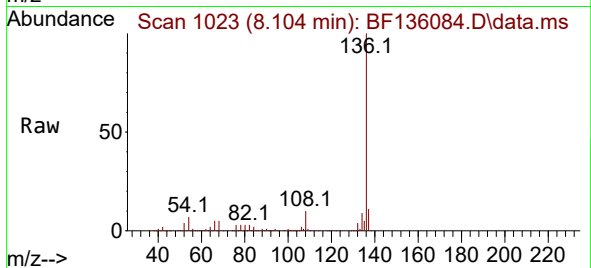




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

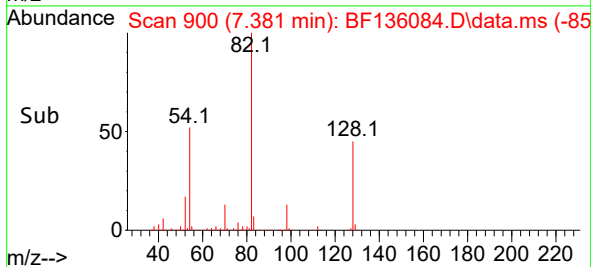
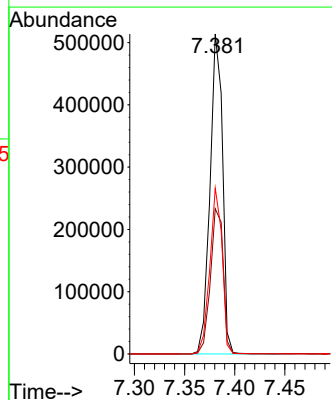
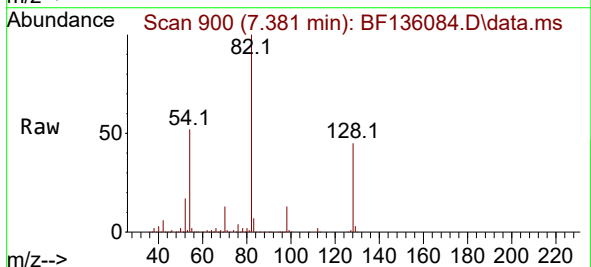
Instrument :
BNA_F
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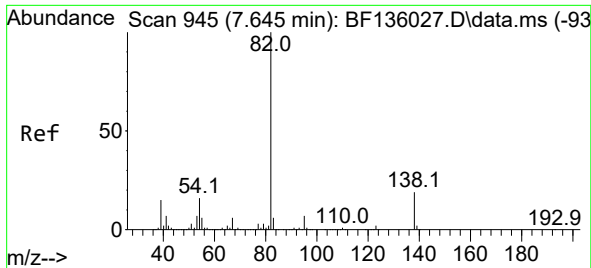
Tgt Ion:	136	Resp:	564298
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.1	6.6	9.8
68	5.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 47.937 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

Tgt Ion:	82	Resp:	448730
Ion	Ratio	Lower	Upper
82	100		
128	45.4	38.6	57.8
54	51.9	40.8	61.2

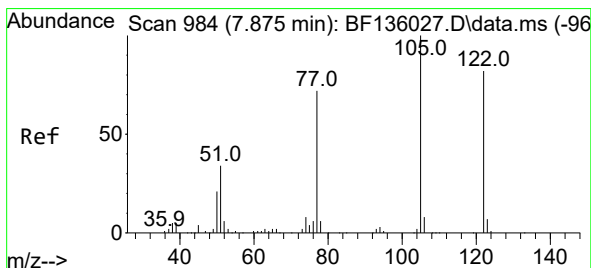
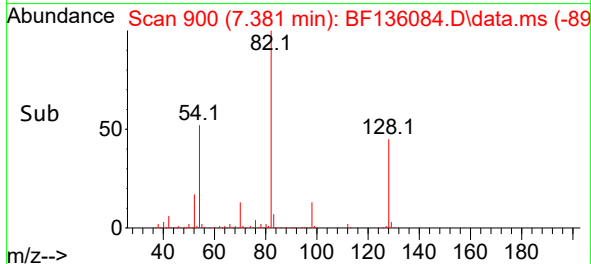
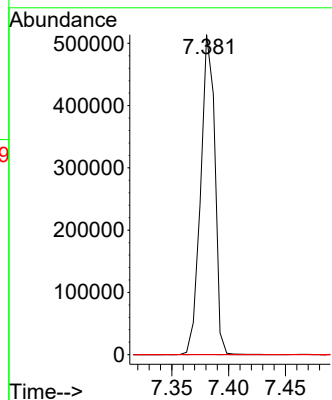
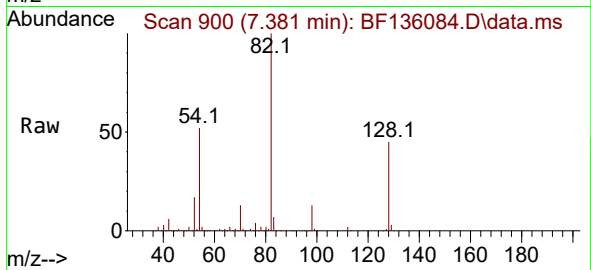




#25
Isophorone
Concen: 25.326 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

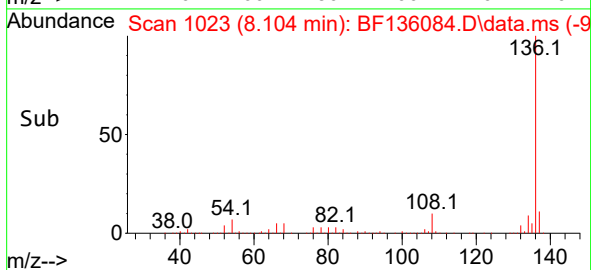
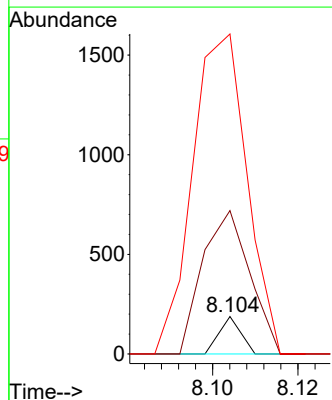
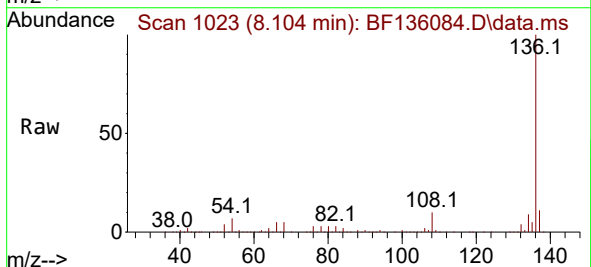
Instrument :
BNA_F
ClientSampleId :
FAIR-LAWN-CONC

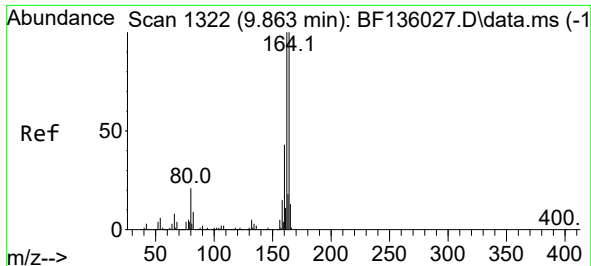
Tgt Ion: 82 Resp: 447563
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 5.123 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.229 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

Tgt Ion:122 Resp: 66
Ion Ratio Lower Upper
122 100
105 383.0 99.5 139.5#
77 854.3 66.8 106.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136084.D

Acq: 01 Nov 2023 19:01

Instrument :

BNA_F

ClientSampleId :

FAIR-LAWN-CONC

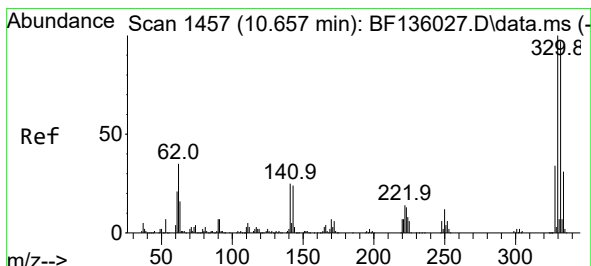
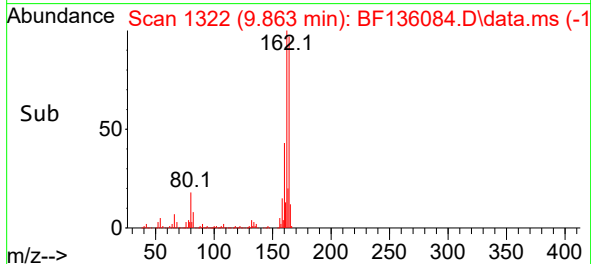
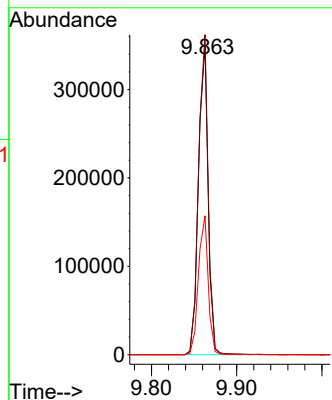
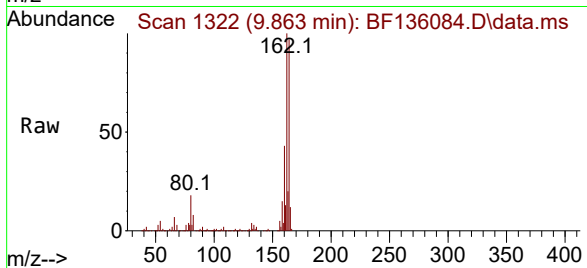
Tgt Ion:164 Resp: 277242

Ion Ratio Lower Upper

164 100

162 103.4 80.1 120.1

160 44.9 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 39.483 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136084.D

Acq: 01 Nov 2023 19:01

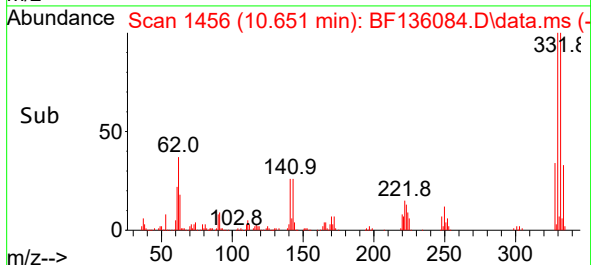
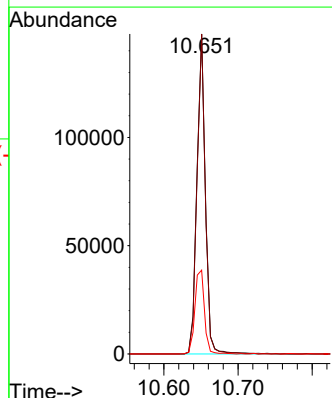
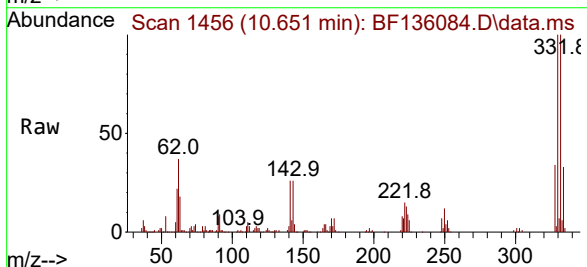
Tgt Ion:330 Resp: 116840

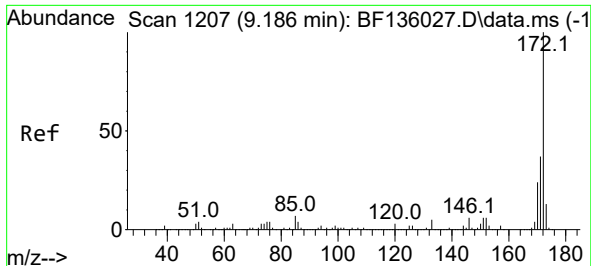
Ion Ratio Lower Upper

330 100

332 98.0 76.9 115.3

141 29.9 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 50.388 ng

RT: 9.180 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136084.D

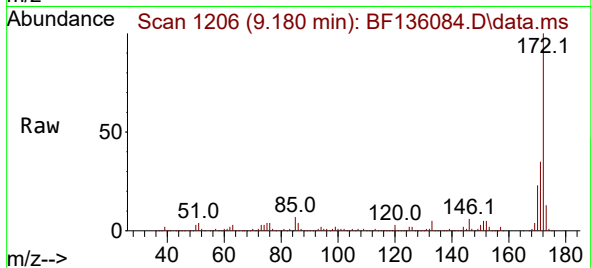
Acq: 01 Nov 2023 19:01

Instrument :

BNA_F

ClientSampleId :

FAIR-LAWN-CONC



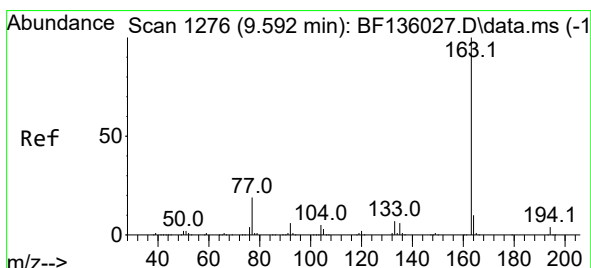
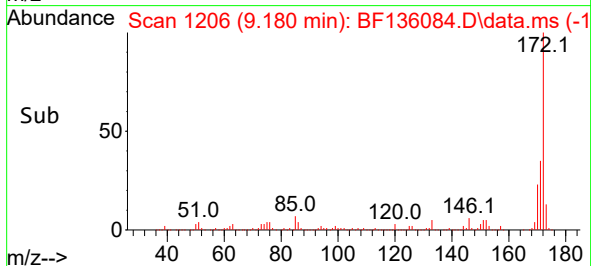
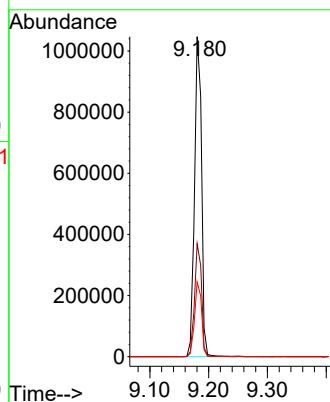
Tgt Ion:172 Resp: 876336

Ion Ratio Lower Upper

172 100

171 35.3 29.4 44.0

170 23.3 19.3 28.9



#50

Dimethylphthalate

Concen: 3.071 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.271 min

Lab File: BF136084.D

Acq: 01 Nov 2023 19:01

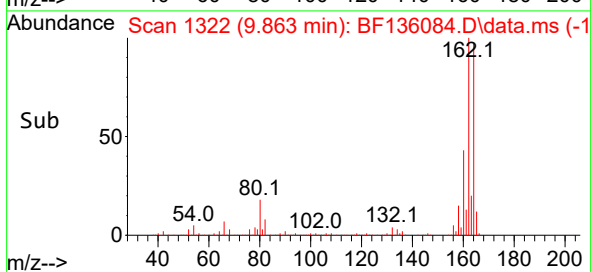
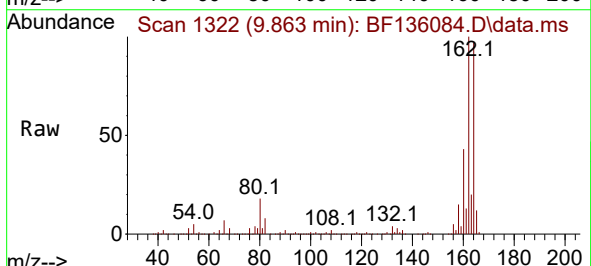
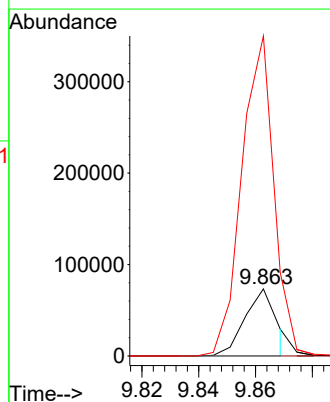
Tgt Ion:163 Resp: 56162

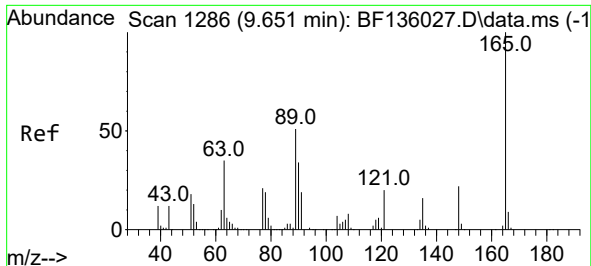
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 476.9 8.1 12.1#

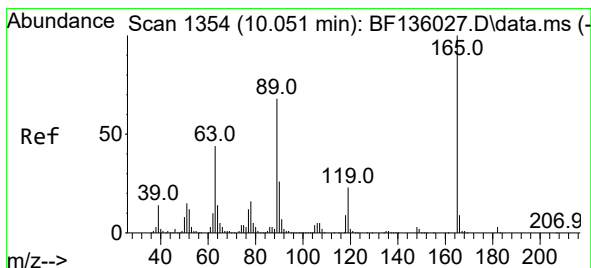
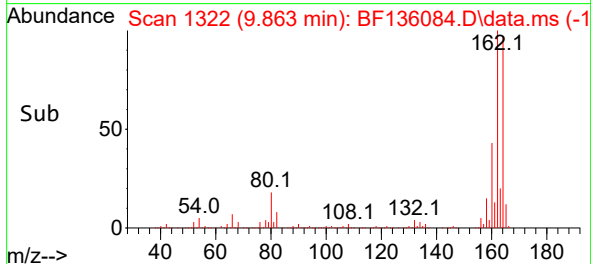
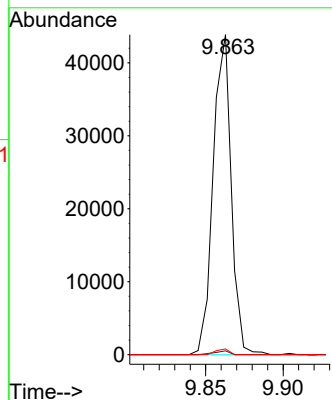
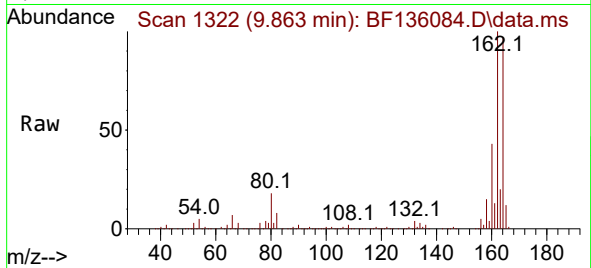




#51
2,6-Dinitrotoluene
Concen: 9.076 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.212 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

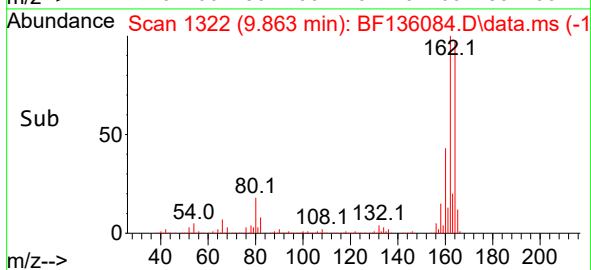
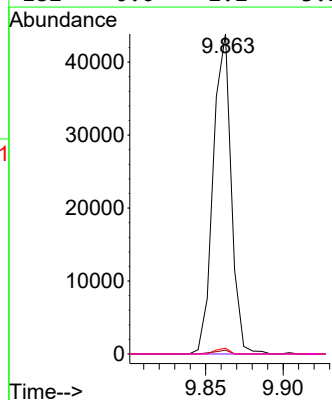
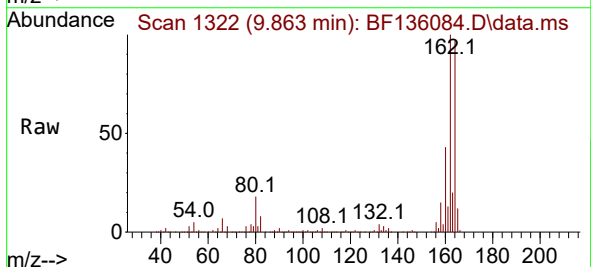
Instrument :
BNA_F
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FAIR-LAWN-CONC

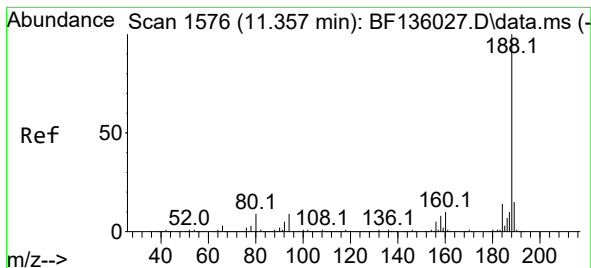
Tgt Ion:165 Resp: 35500
Ion Ratio Lower Upper
165 100
63 1.2 40.8 61.2#
89 1.8 41.1 61.7#



#57
2,4-Dinitrotoluene
Concen: 7.174 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

Tgt Ion:165 Resp: 35500
Ion Ratio Lower Upper
165 100
63 1.2 35.2 52.8#
89 1.8 54.8 82.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136084.D

Acq: 01 Nov 2023 19:01

Instrument :

BNA_F

ClientSampleId :

FAIR-LAWN-CONC

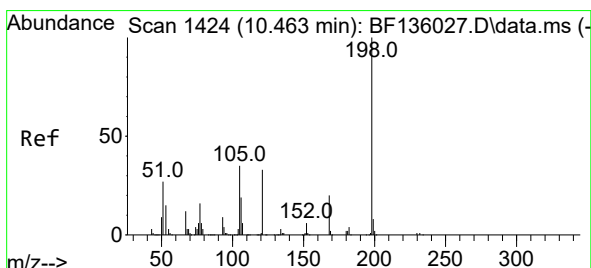
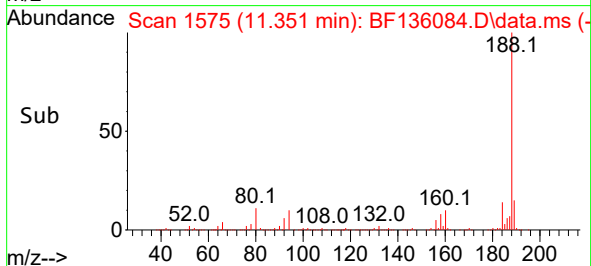
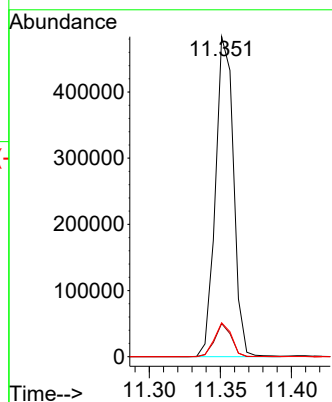
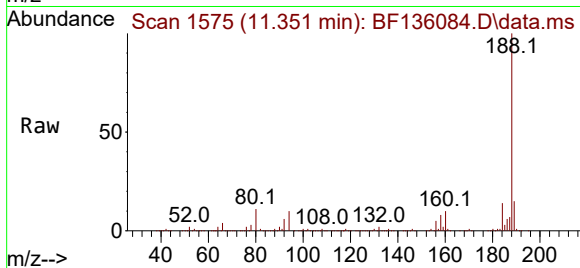
Tgt Ion:188 Resp: 427607

Ion Ratio Lower Upper

188 100

94 10.4 7.2 10.8

80 10.6 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.871 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.188 min

Lab File: BF136084.D

Acq: 01 Nov 2023 19:01

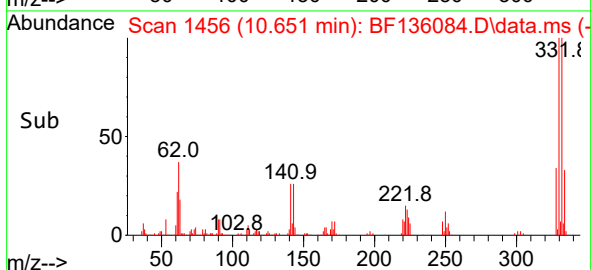
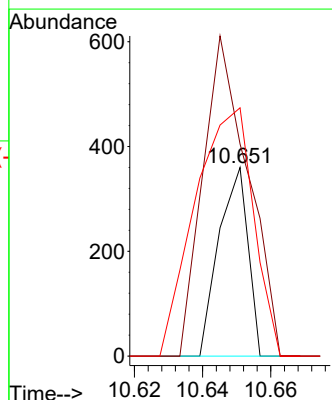
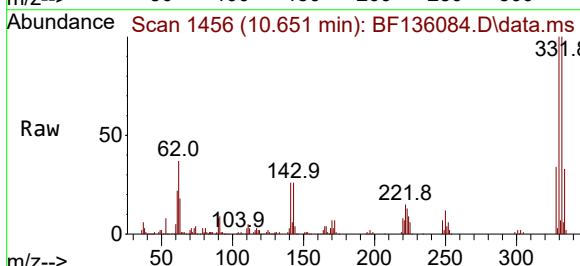
Tgt Ion:198 Resp: 214

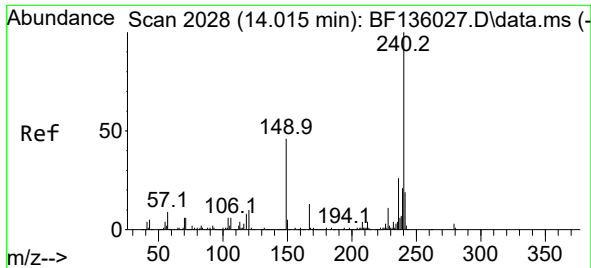
Ion Ratio Lower Upper

198 100

51 112.5 12.9 52.9#

105 131.7 16.0 56.0#

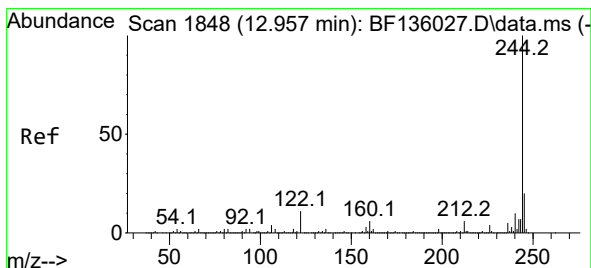
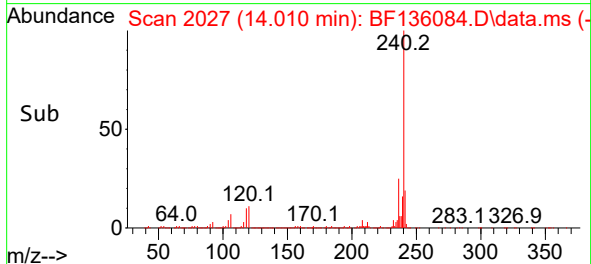
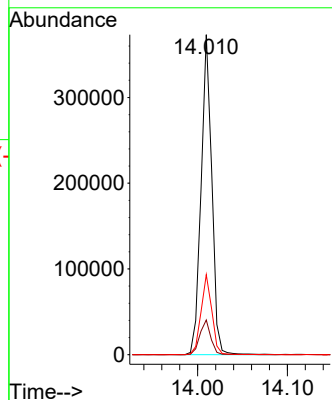
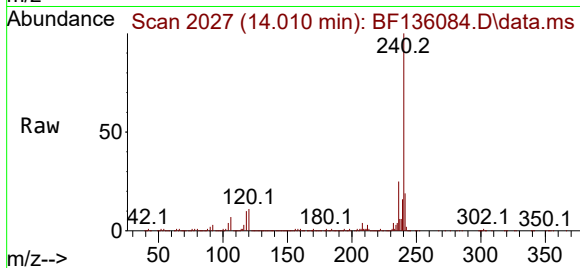




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

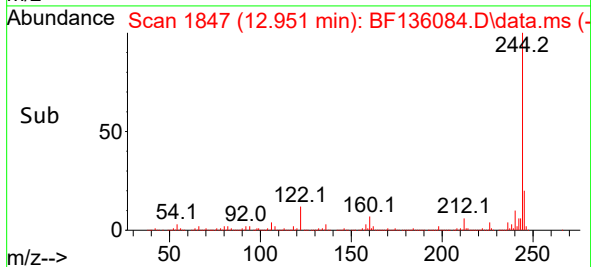
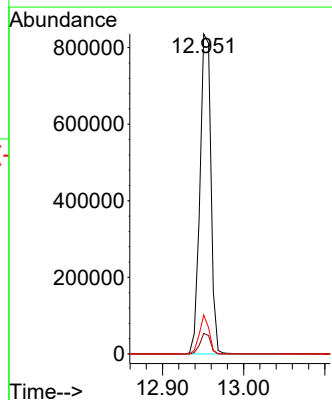
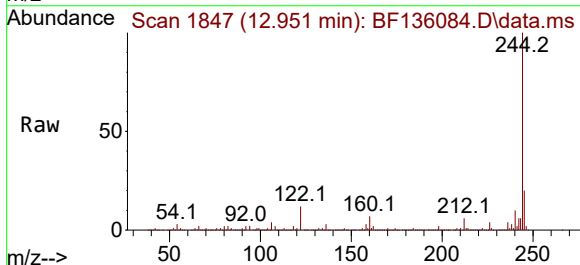
Instrument :
BNA_F
ClientSampleId :
FAIR-LAWN-CONC

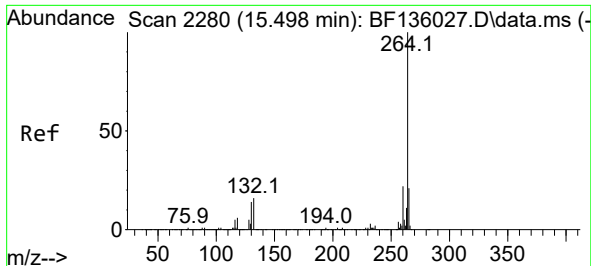
Tgt Ion:240 Resp: 309004
Ion Ratio Lower Upper
240 100
120 10.8 7.6 11.4
236 25.0 20.6 31.0



#79
Terphenyl-d14
Concen: 39.676 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

Tgt Ion:244 Resp: 788920
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 12.1 8.6 12.8

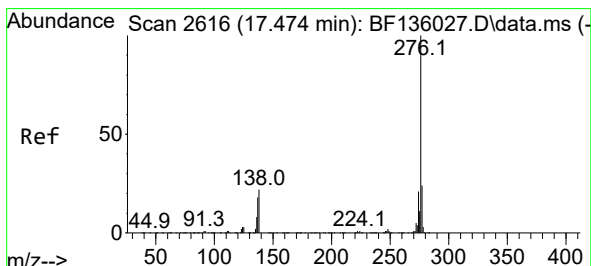
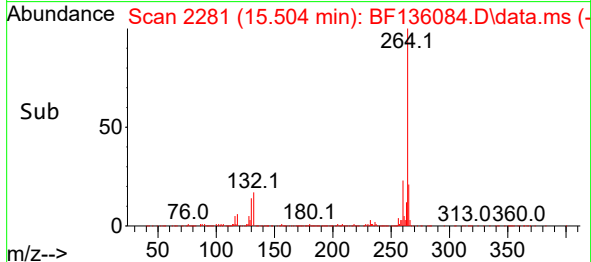
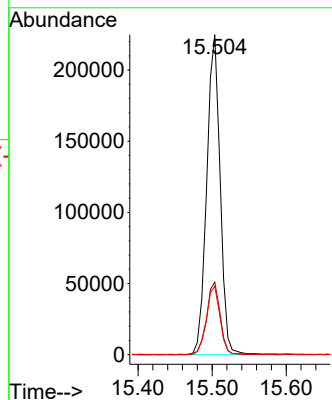
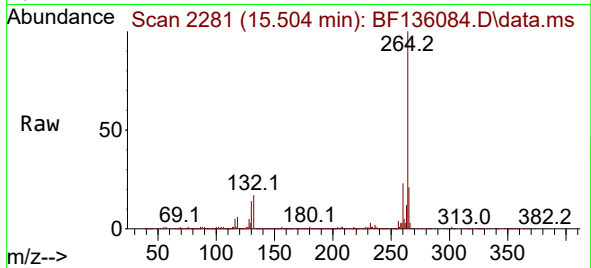




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF136084.D
 Acq: 01 Nov 2023 19:01

Instrument :
 BNA_F
 ClientSampleId :
 FAIR-LAWN-CONC

Tgt Ion:264 Resp: 283337
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.9 26.9
 265 21.4 16.8 25.2



#92
 Benzo(g,h,i)perylene
 Concen: 2.934 ng
 RT: 17.456 min Scan# 2613
 Delta R.T. -0.018 min
 Lab File: BF136084.D
 Acq: 01 Nov 2023 19:01

Tgt Ion:276 Resp: 726
 Ion Ratio Lower Upper
 276 100
 277 0.0 19.0 28.4#
 138 50.5 17.4 26.2#

