

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130936.D
 Acq On : 02 Nov 2022 18:16
 Operator : CG\JU
 Sample : N5395-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-12-103122

Quant Time: Nov 03 03:44:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

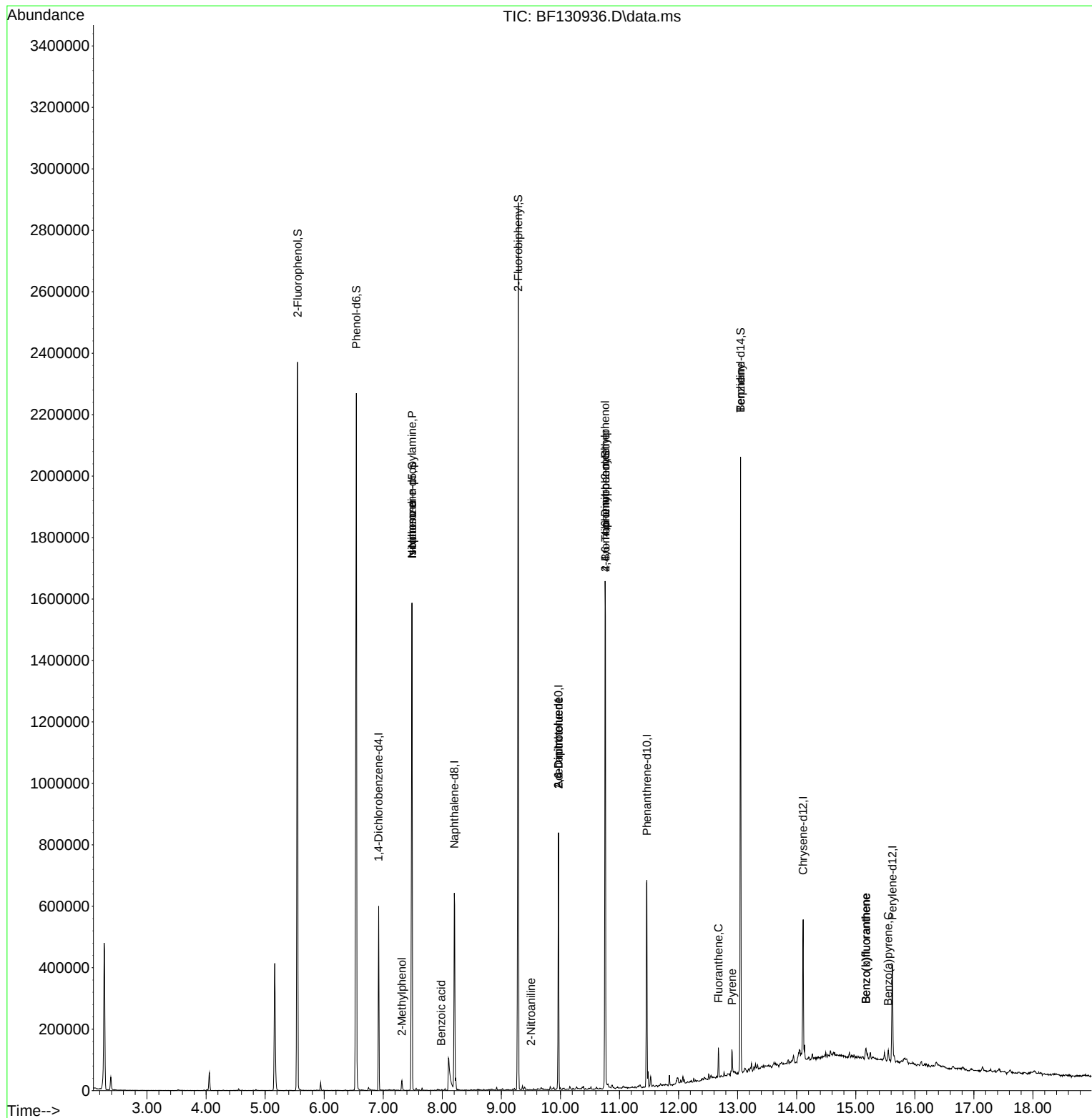
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	75398	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	292978	20.000	ng	-0.01
39) Acenaphthene-d10	9.969	164	152432	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	254246	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	136299	20.000	ng	-0.01
86) Perylene-d12	15.621	264	139612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	615756	141.580	ng	0.01
7) Phenol-d6	6.545	99	781717	138.314	ng	0.00
23) Nitrobenzene-d5	7.487	82	526340	108.328	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	189508	147.687	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	835750	82.893	ng	0.00
79) Terphenyl-d14	13.051	244	614551	82.622	ng	0.00
Target Compounds						Qvalue
17) 2-Methylphenol	7.316	107	8677	2.095	ng	# 73
19) n-Nitroso-di-n-propyla...	7.487	70	73546	19.126	ng	# 79
25) Isophorone	7.487	82	526432	52.541	ng	# 66
32) Benzoic acid	7.981	122	65	7.698	ng	# 1
48) 2-Nitroaniline	9.504	65	55	4.165	ng	# 12
51) 2,6-Dinitrotoluene	9.969	165	19281	11.913	ng	# 15
57) 2,4-Dinitrotoluene	9.969	165	19281	10.822	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.757	198	484	8.309	ng	# 1
67) 4-Bromophenyl-phenylether	10.763	248	12441	4.866	ng	# 1
75) Fluoranthene	12.674	202	33865	2.429	ng	97
77) Benzidine	13.051	184	9874	2.984	ng	# 91
78) Pyrene	12.904	202	32978	2.868	ng	98
88) Benzo(b)fluoranthene	15.174	252	24268	2.689	ng	# 87
89) Benzo(k)fluoranthene	15.174	252	24268	2.760	ng	# 88
90) Benzo(a)pyrene	15.551	252	15462	2.131	ng	# 89

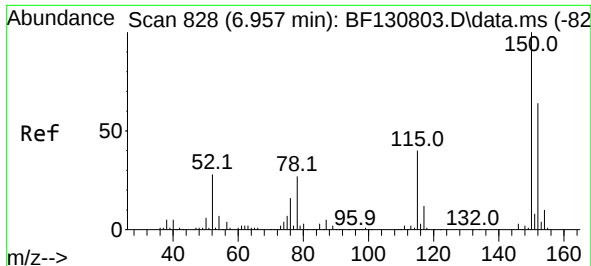
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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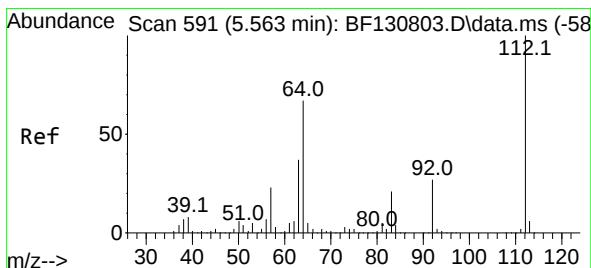
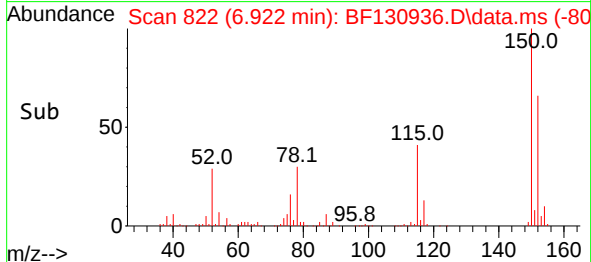
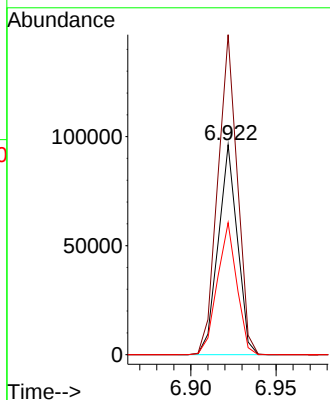
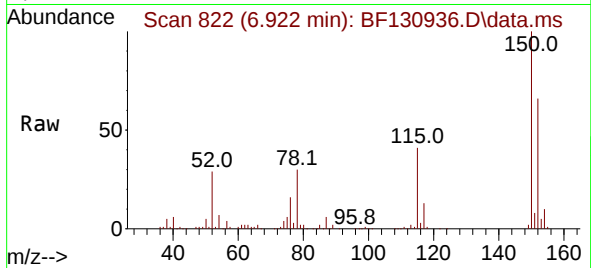




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

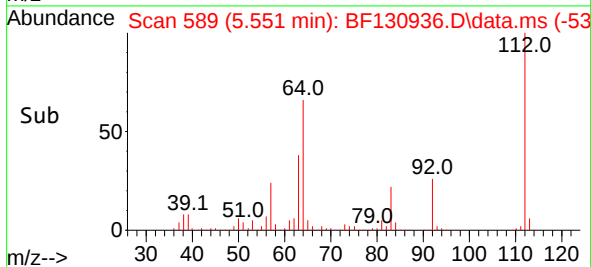
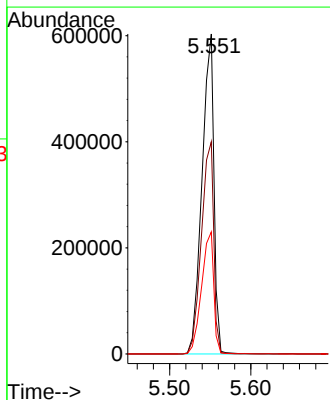
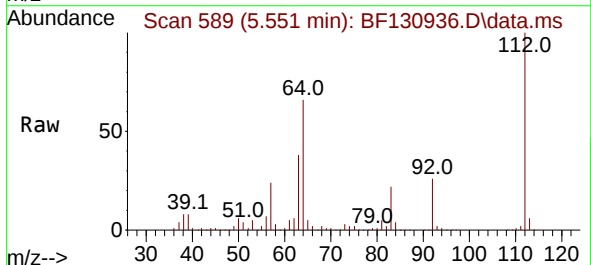
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BNA_F
ClientSampleId :
S-12-103122

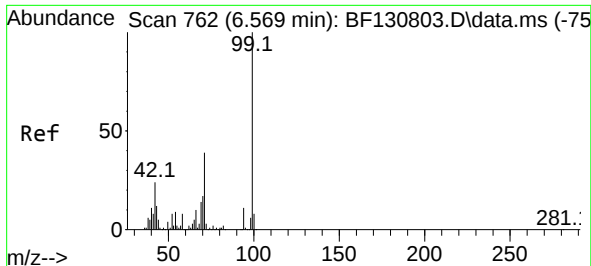
Tgt Ion:152 Resp: 75398
Ion Ratio Lower Upper
152 100
150 152.4 124.1 186.1
115 62.9 50.1 75.1



#5
2-Fluorophenol
Concen: 141.580 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.012 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

Tgt Ion:112 Resp: 615756
Ion Ratio Lower Upper
112 100
64 66.3 53.9 80.9
63 38.2 29.4 44.2

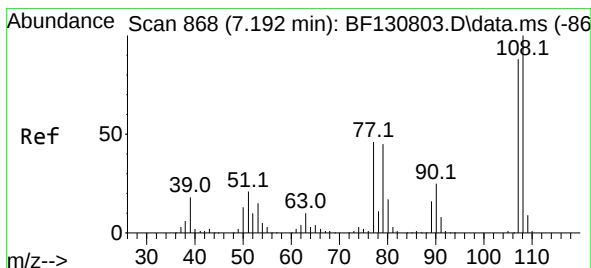
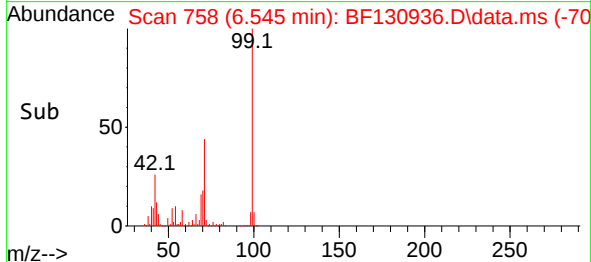
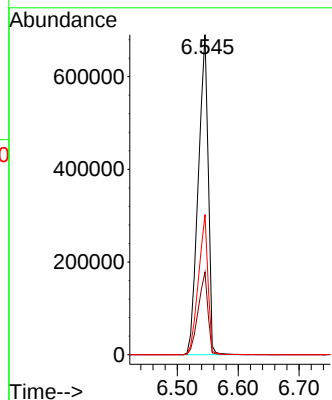
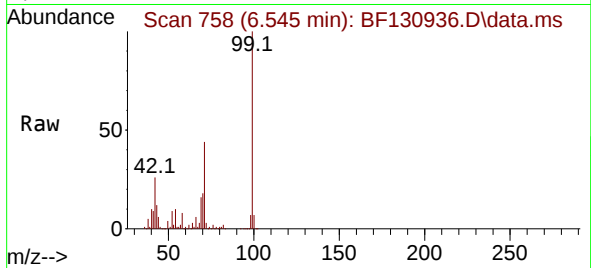




#7
Phenol-d6
Concen: 138.314 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

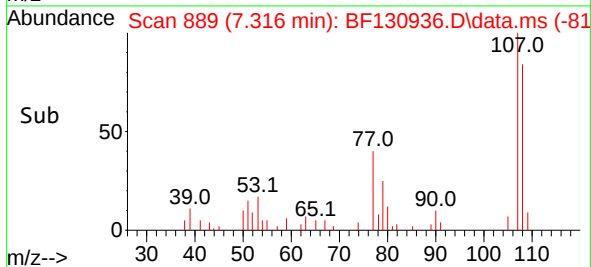
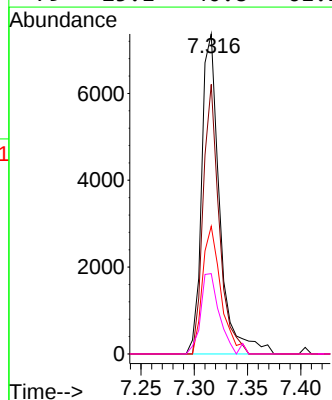
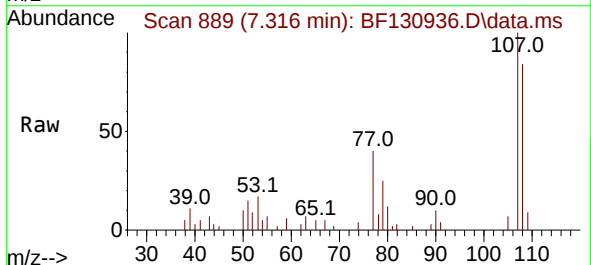
Instrument :
BNA_F
ClientSampleId :
S-12-103122

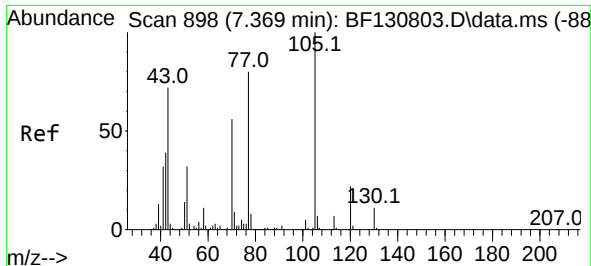
Tgt Ion: 99 Resp: 781717
Ion Ratio Lower Upper
99 100
42 25.8 18.8 28.2
71 43.8 31.4 47.0



#17
2-Methylphenol
Concen: 2.095 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

Tgt Ion: 107 Resp: 8677
Ion Ratio Lower Upper
107 100
108 84.3 90.5 135.7#
77 39.9 41.2 61.8#
79 25.1 40.8 61.2#





#19

n-Nitroso-di-n-propylamine

Concen: 19.126 ng

RT: 7.487 min Scan# 91

Delta R.T. 0.147 min

Lab File: BF130936.D

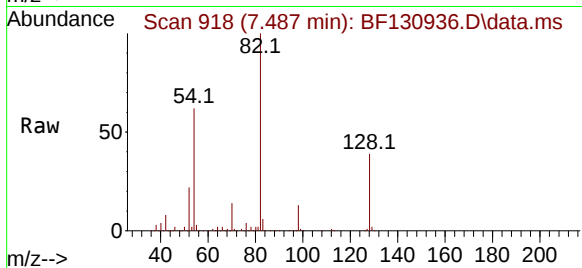
Acq: 02 Nov 2022 18:16

Instrument :

BNA_F

ClientSampleId :

S-12-103122



Tgt Ion: 70 Resp: 73546

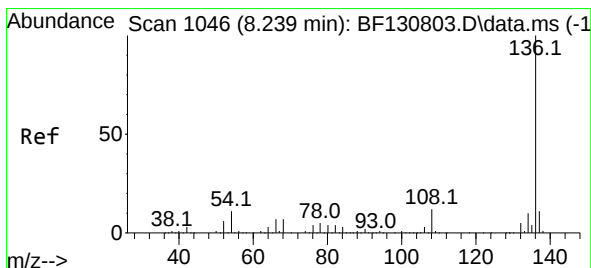
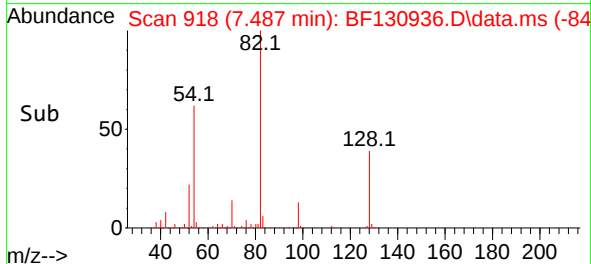
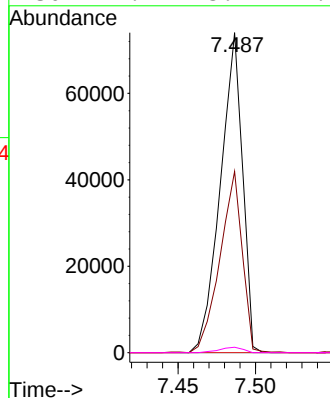
Ion Ratio Lower Upper

70 100

42 56.6 56.1 84.1

101 0.0 7.3 10.9#

130 1.7 15.2 22.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.012 min

Lab File: BF130936.D

Acq: 02 Nov 2022 18:16

Tgt Ion: 136 Resp: 292978

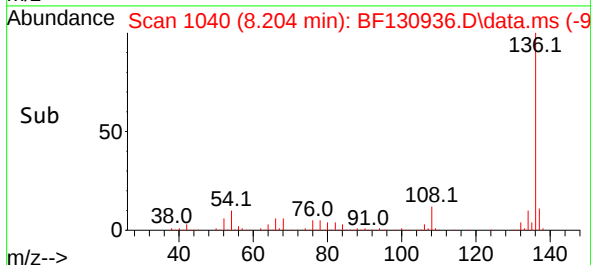
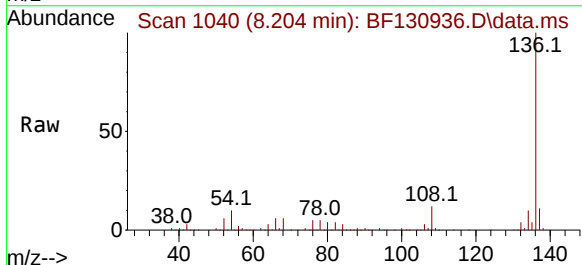
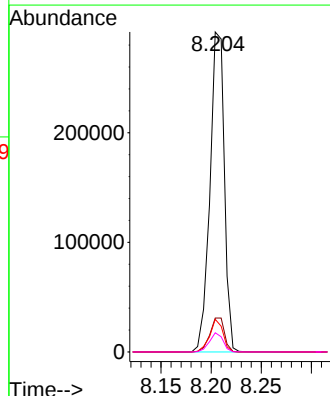
Ion Ratio Lower Upper

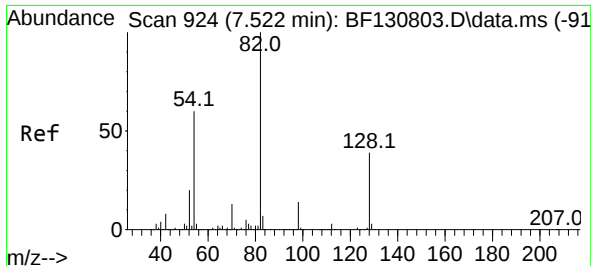
136 100

137 10.6 9.2 13.8

54 10.2 8.8 13.2

68 6.0 5.2 7.8

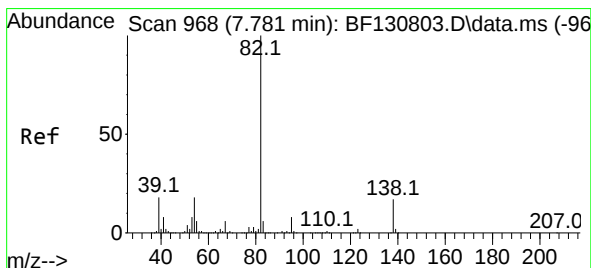
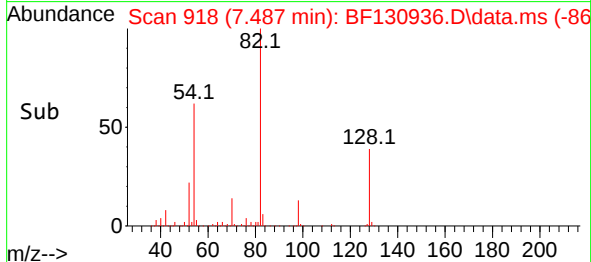
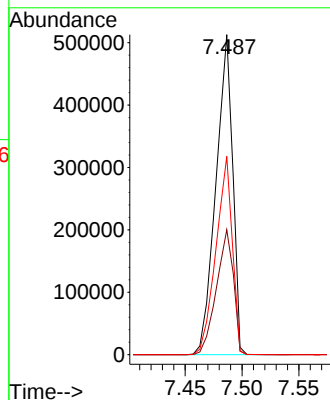
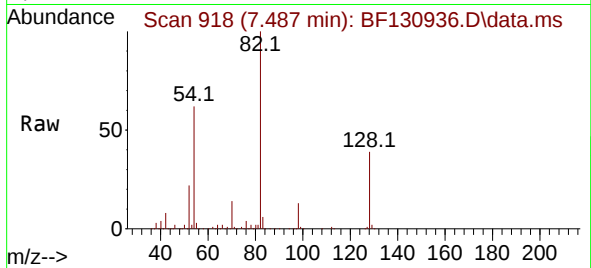




#23
Nitrobenzene-d5
Concen: 108.328 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

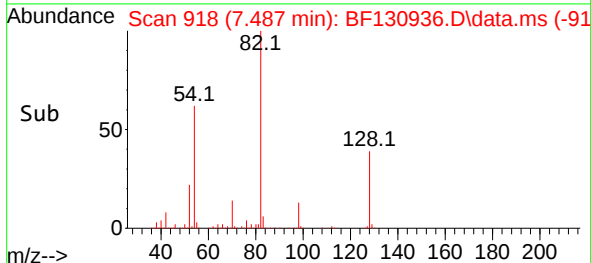
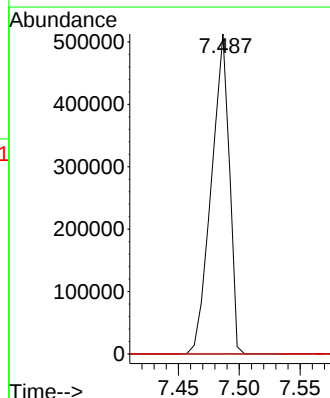
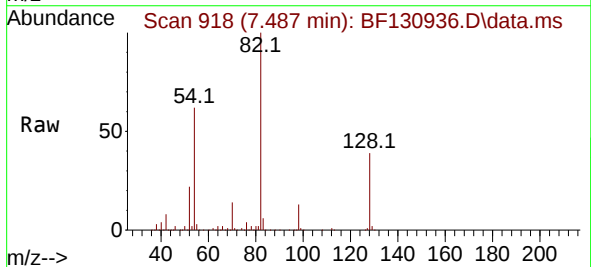
Instrument :
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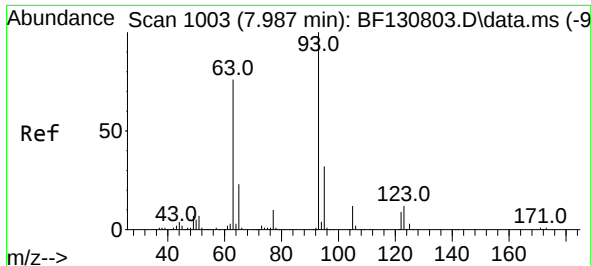
Tgt Ion: 82 Resp: 526340
Ion Ratio Lower Upper
82 100
128 39.0 31.2 46.8
54 62.0 48.0 72.0



#25
Isophorone
Concen: 52.541 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.265 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

Tgt Ion: 82 Resp: 526432
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#

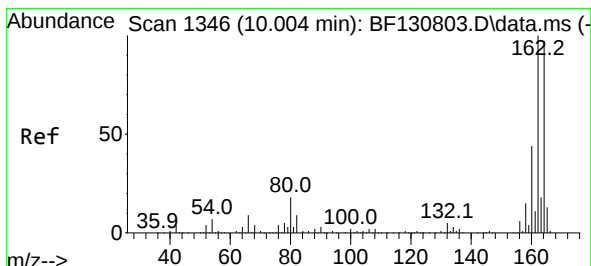
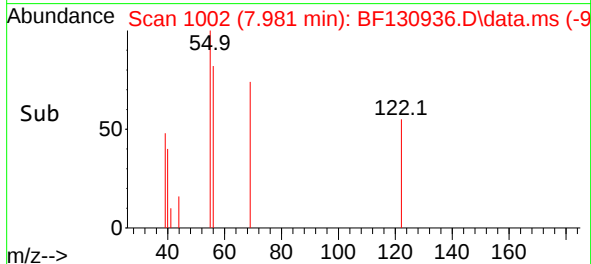
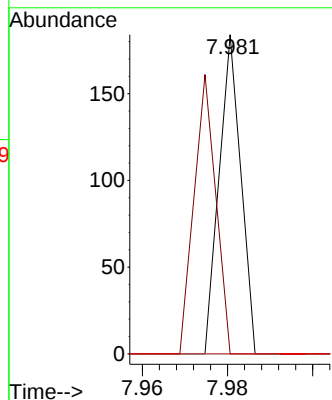
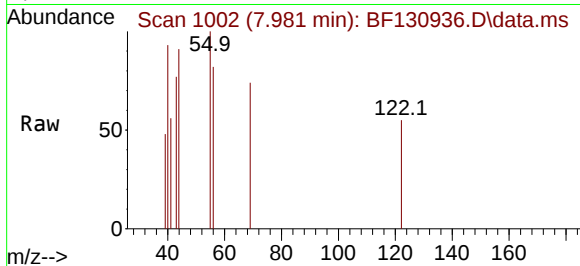




#32
Benzoic acid
Concen: 7.698 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.012 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

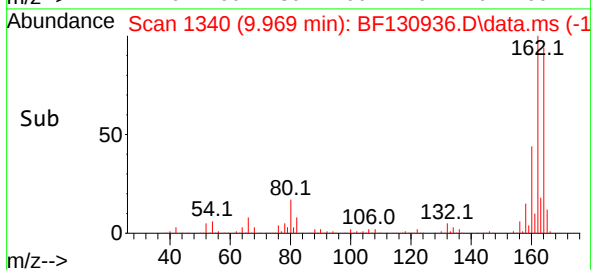
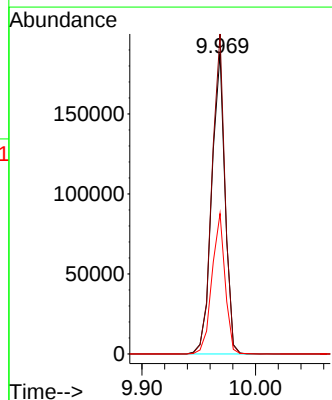
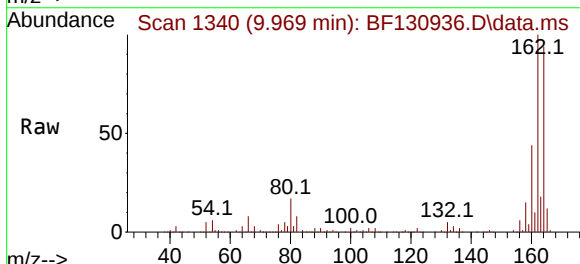
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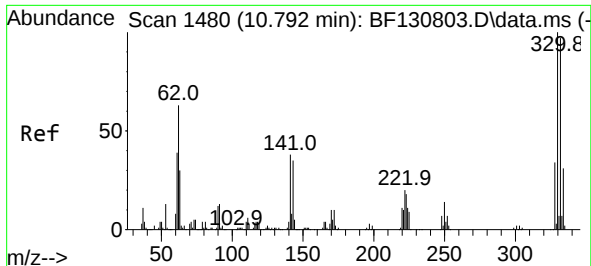
Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 0.0 114.5 154.5#
77 0.0 89.8 129.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

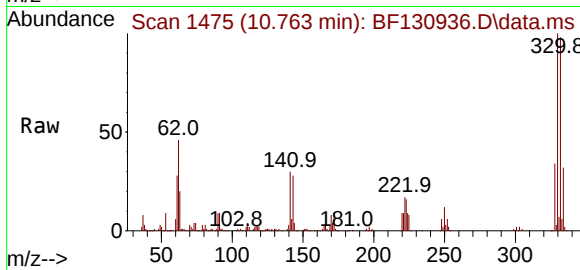
Tgt Ion:164 Resp: 152432
Ion Ratio Lower Upper
164 100
162 106.4 82.2 123.2
160 46.7 36.6 54.8



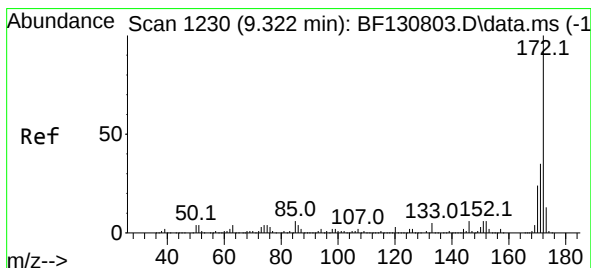
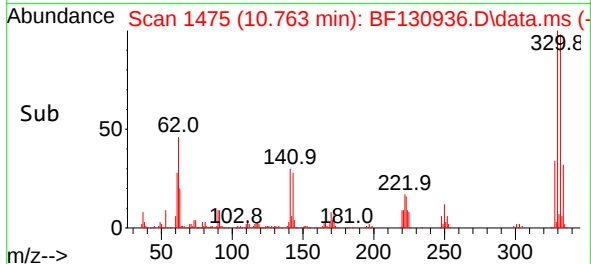
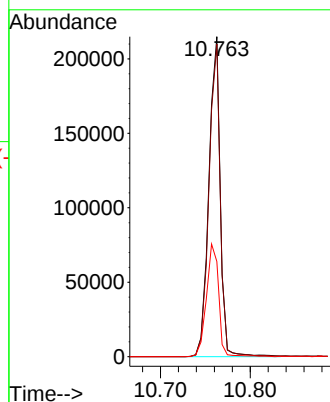


#42
2,4,6-Tribromophenol
Concen: 147.687 ng
RT: 10.763 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

Instrument :
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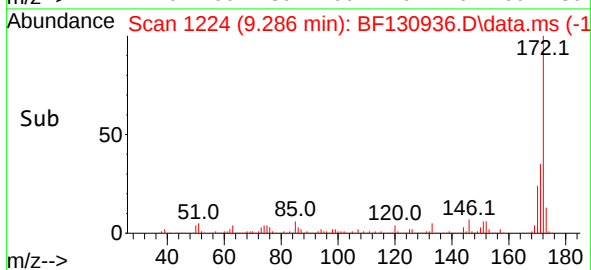
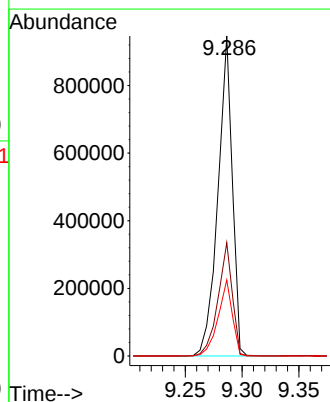
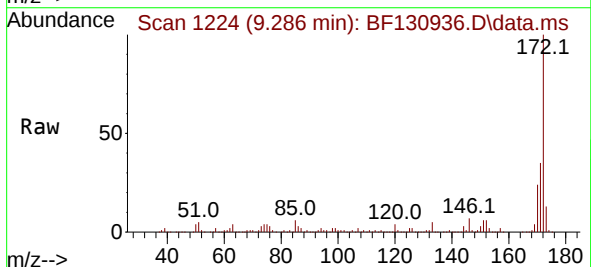


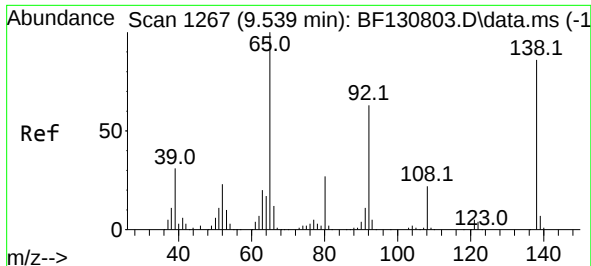
Tgt Ion:330 Resp: 189508
Ion Ratio Lower Upper
330 100
332 97.5 76.2 114.4
141 37.8 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 82.893 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

Tgt Ion:172 Resp: 835750
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.7 19.0 28.4

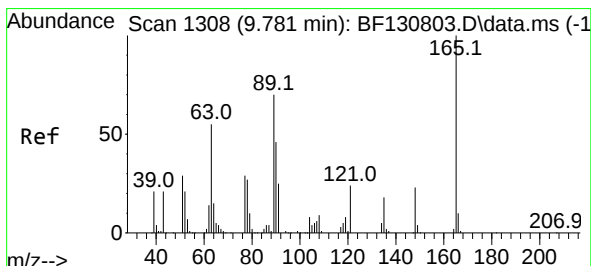
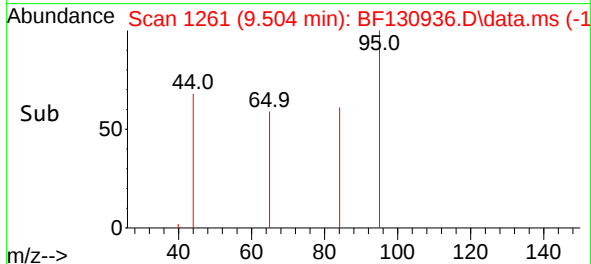
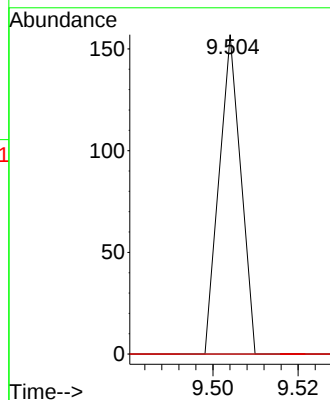
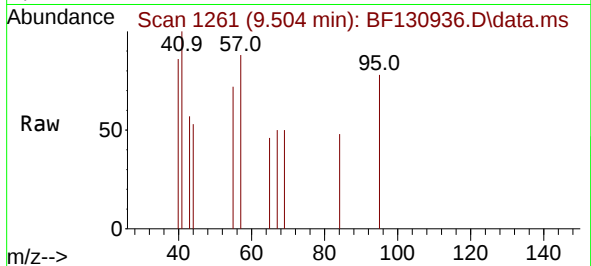




#48
2-Nitroaniline
Concen: 4.165 ng
RT: 9.504 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

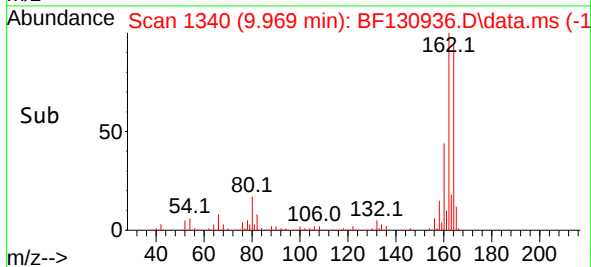
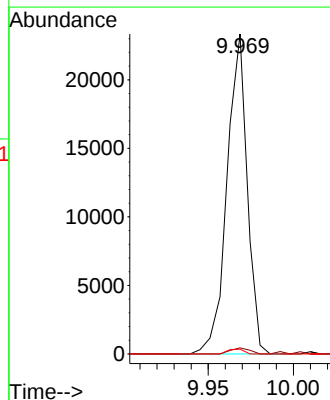
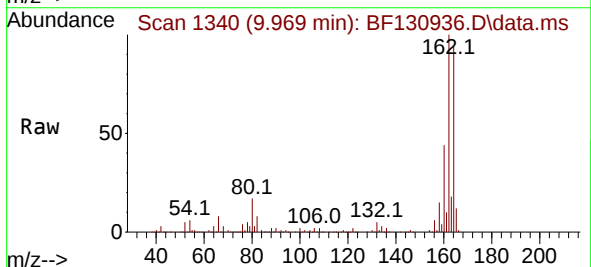
Instrument :
BNA_F
ClientSampleId :
S-12-103122

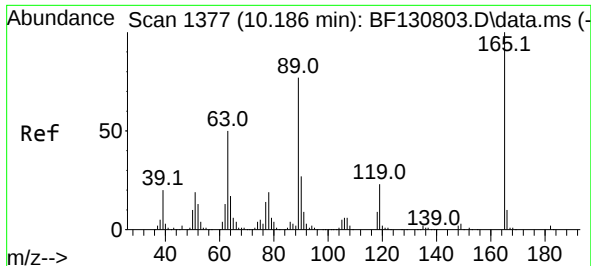
Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 50.1 75.1#
138 0.0 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 11.913 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.212 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

Tgt Ion: 165 Resp: 19281
Ion Ratio Lower Upper
165 100
63 1.9 61.8 92.8#
89 1.5 56.2 84.4#

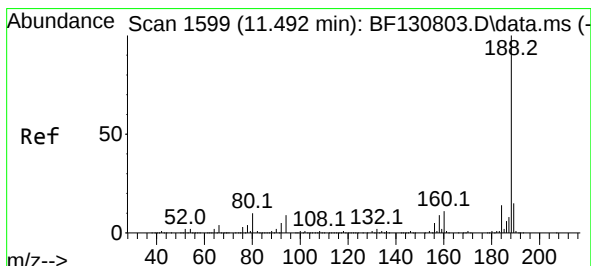
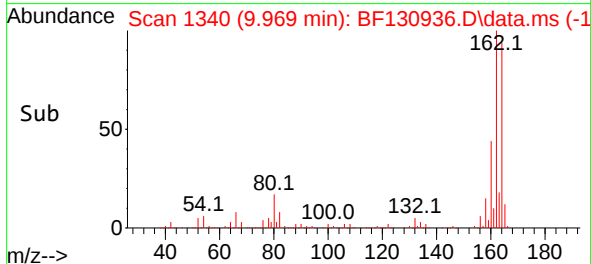
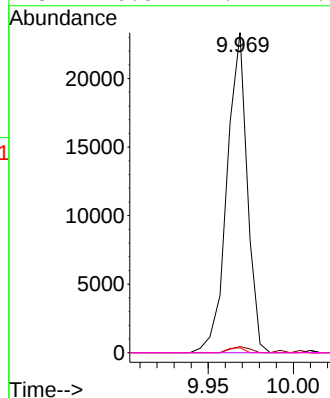
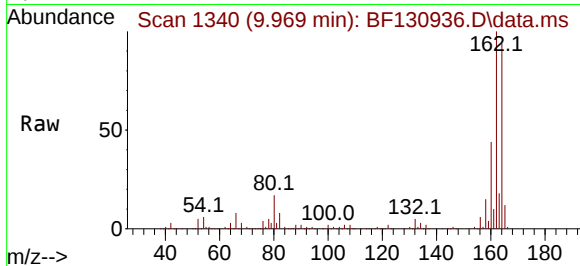




#57
2,4-Dinitrotoluene
Concen: 10.822 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

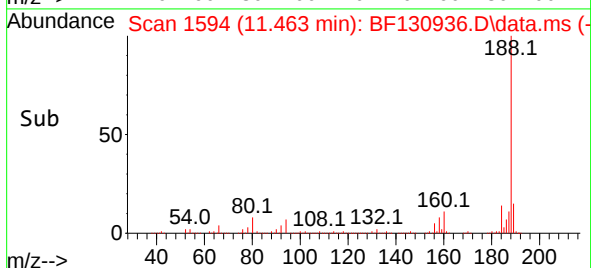
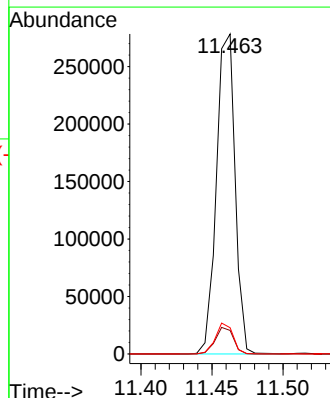
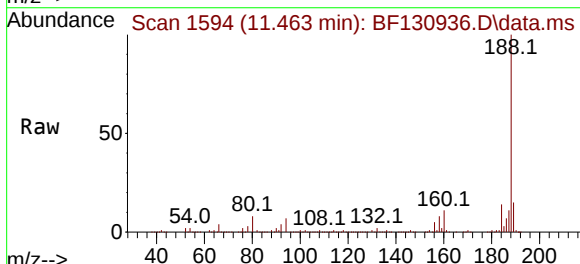
Instrument :
BNA_F
ClientSampleId :
S-12-103122

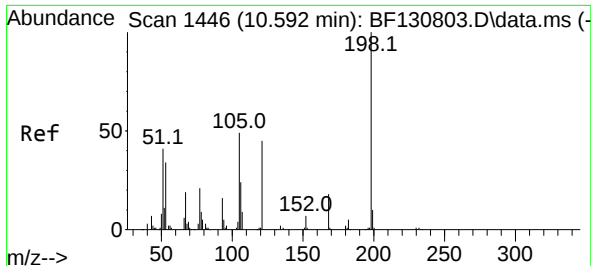
Tgt Ion:165 Resp: 19281
Ion Ratio Lower Upper
165 100
63 1.9 39.8 59.6#
89 1.5 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

Tgt Ion:188 Resp: 254246
Ion Ratio Lower Upper
188 100
94 7.4 7.4 11.2#
80 8.2 8.0 12.0

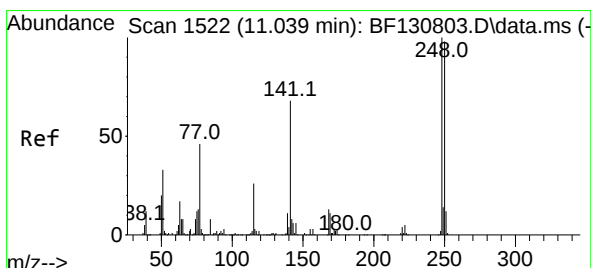
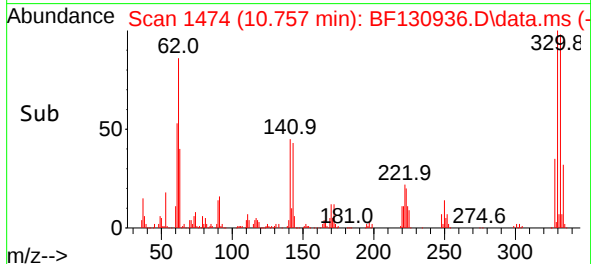
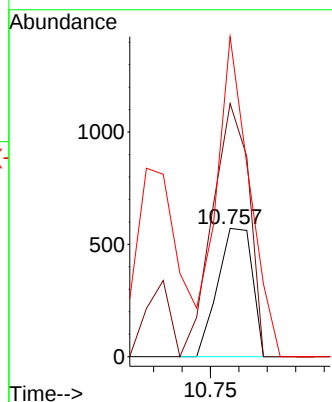
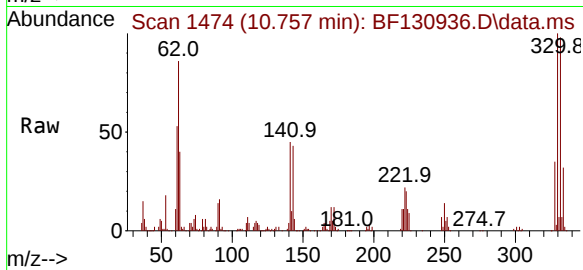




#65
4,6-Dinitro-2-methylphenol
Concen: 8.309 ng
RT: 10.757 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

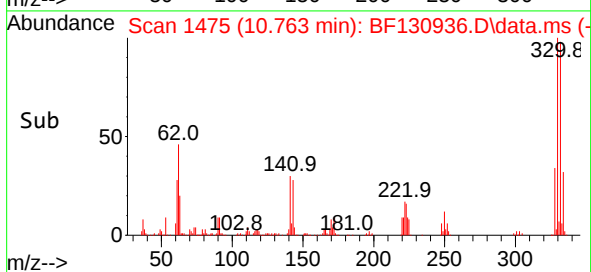
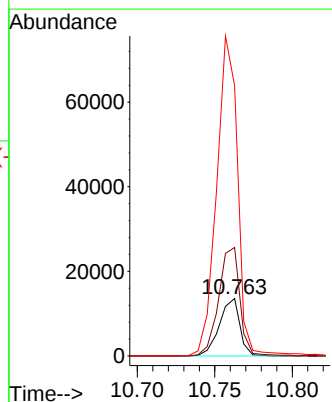
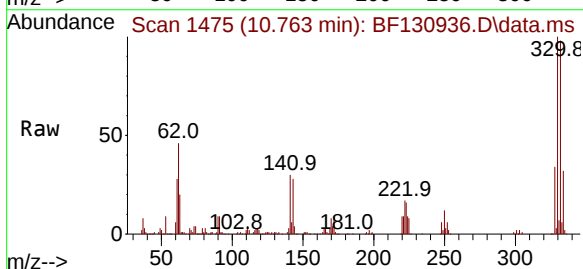
Instrument :
BNA_F
ClientSampleId :
S-12-103122

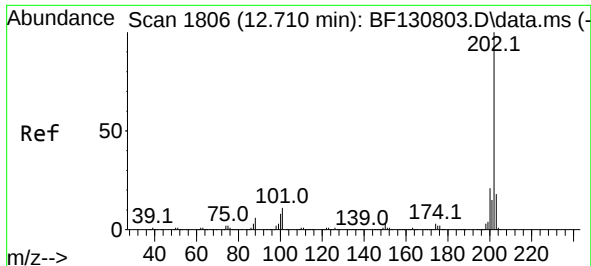
Tgt Ion:198 Resp: 484
Ion Ratio Lower Upper
198 100
51 197.4 39.0 79.0#
105 249.6 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.866 ng
RT: 10.763 min Scan# 1475
Delta R.T. -0.247 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

Tgt Ion:248 Resp: 12441
Ion Ratio Lower Upper
248 100
250 188.8 78.6 117.8#
141 470.2 54.2 81.4#

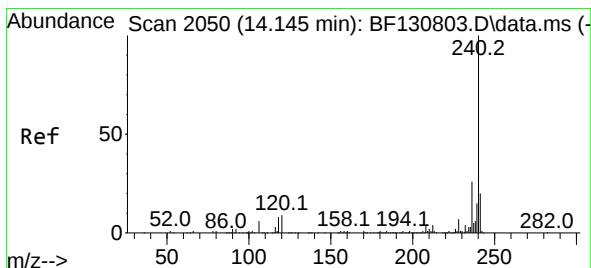
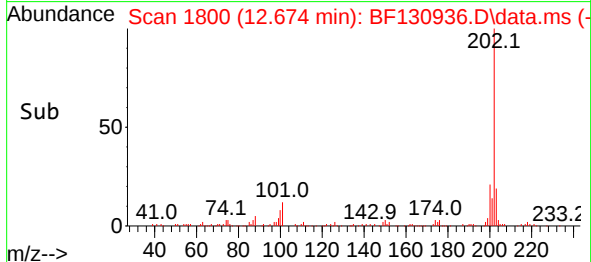
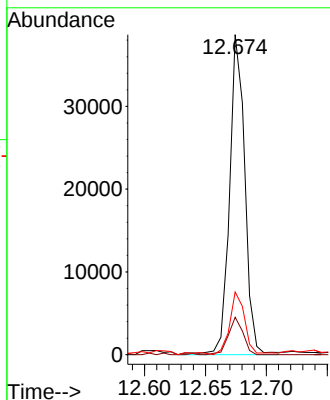
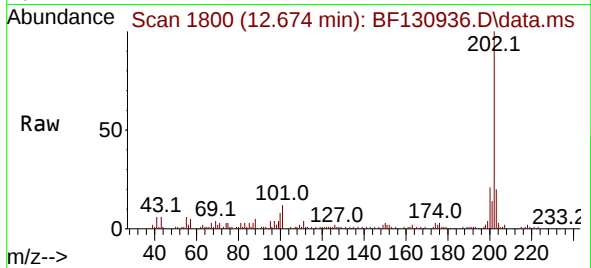




#75
Fluoranthene
Concen: 2.429 ng
RT: 12.674 min Scan# 1806
Delta R.T. -0.012 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

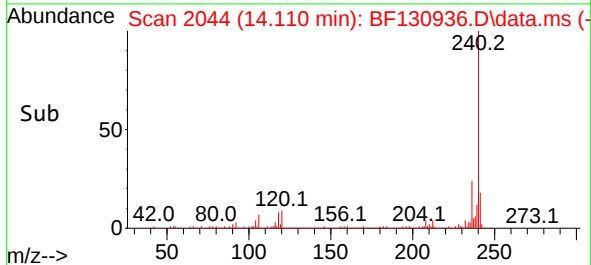
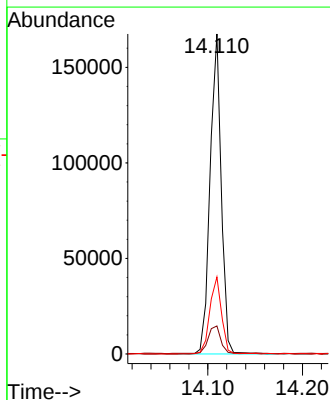
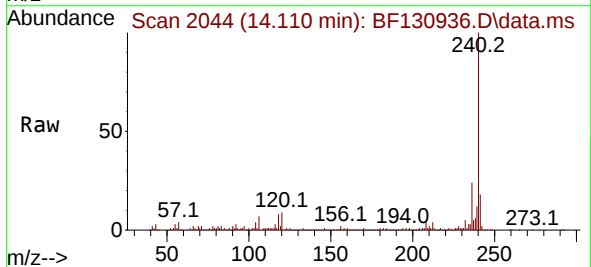
Instrument :
BNA_F
ClientSampleId :
S-12-103122

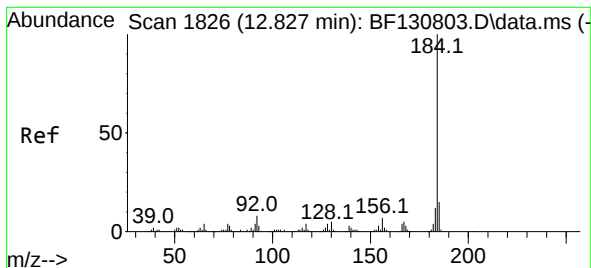
Tgt Ion:202 Resp: 33865
Ion Ratio Lower Upper
202 100
101 11.7 0.0 30.9
203 19.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

Tgt Ion:240 Resp: 136299
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.4
236 24.1 20.5 30.7





#77

Benzidine

Concen: 2.984 ng

RT: 13.051 min Scan# 1864

Delta R.T. 0.247 min

Lab File: BF130936.D

Acq: 02 Nov 2022 18:16

Instrument :

BNA_F

ClientSampleId :

S-12-103122

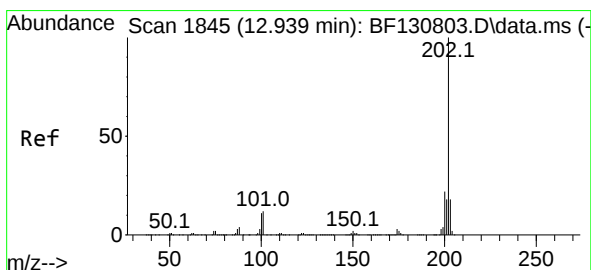
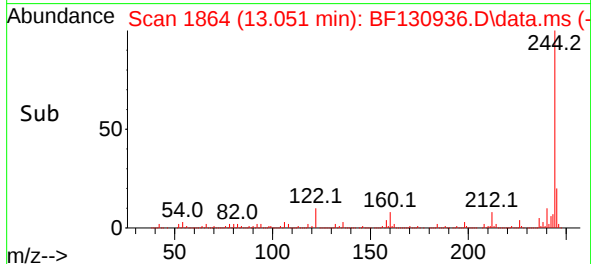
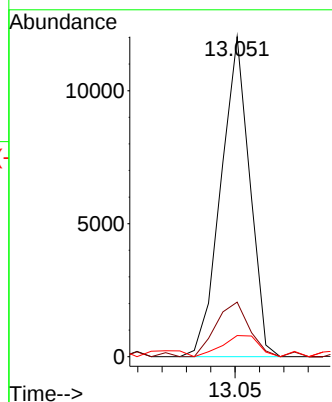
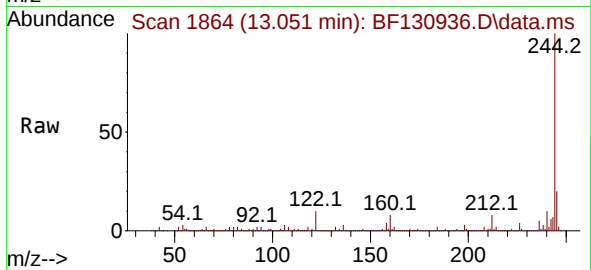
Tgt Ion:184 Resp: 9874

Ion Ratio Lower Upper

184 100

185 17.1 11.8 17.8

183 6.6 9.7 14.5#



#78

Pyrene

Concen: 2.868 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF130936.D

Acq: 02 Nov 2022 18:16

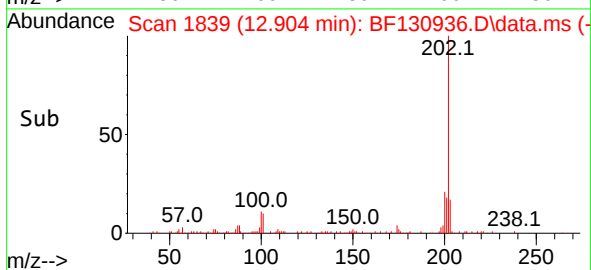
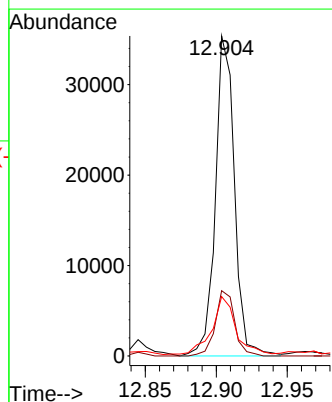
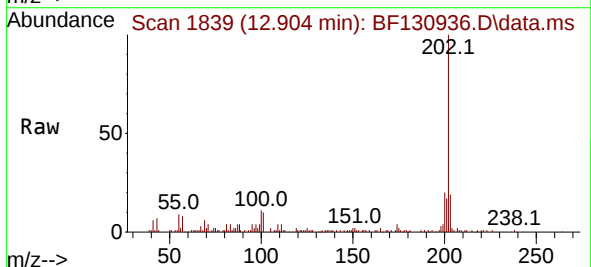
Tgt Ion:202 Resp: 32978

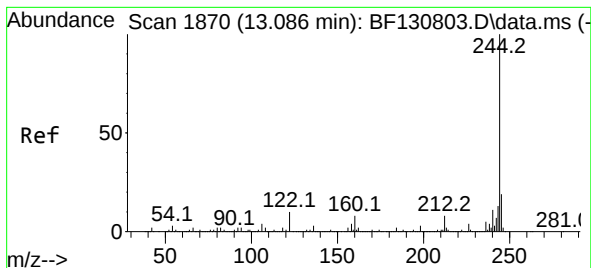
Ion Ratio Lower Upper

202 100

200 20.4 17.2 25.8

203 18.6 14.5 21.7





#79

Terphenyl-d14

Concen: 82.622 ng

RT: 13.051 min Scan# 1864

Delta R.T. -0.006 min

Lab File: BF130936.D

Acq: 02 Nov 2022 18:16

Instrument :

BNA_F

ClientSampleId :

S-12-103122

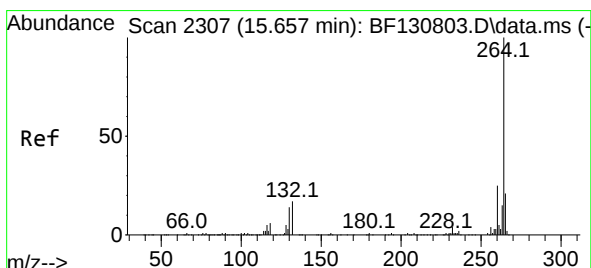
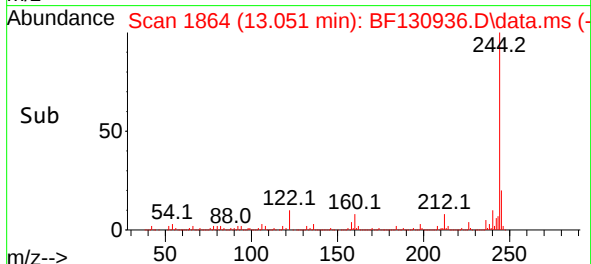
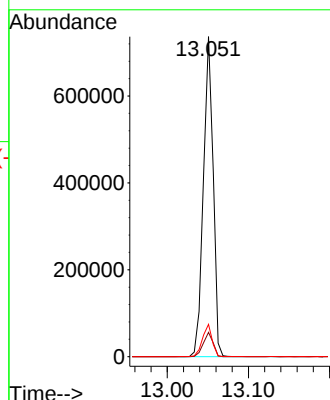
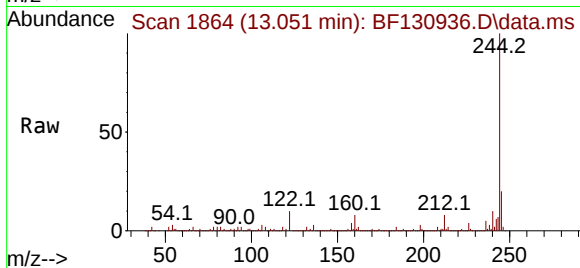
Tgt Ion:244 Resp: 614551

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 10.1 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 2301

Delta R.T. -0.006 min

Lab File: BF130936.D

Acq: 02 Nov 2022 18:16

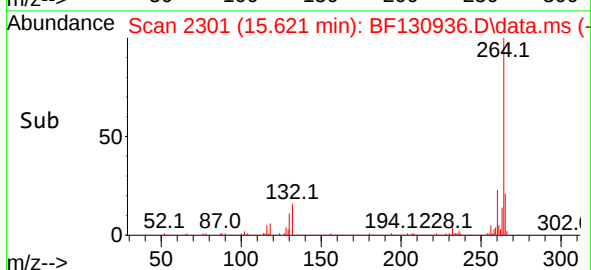
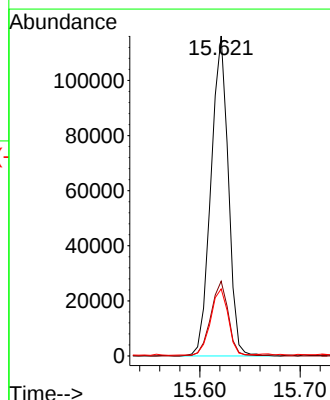
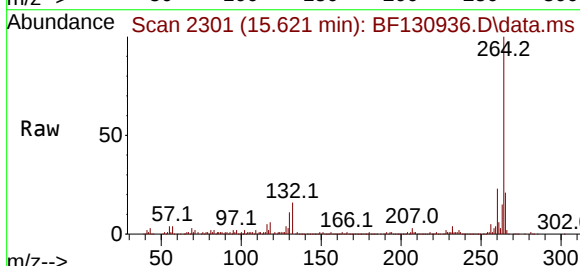
Tgt Ion:264 Resp: 139612

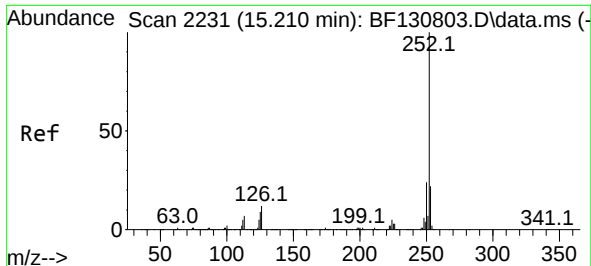
Ion Ratio Lower Upper

264 100

260 23.3 19.9 29.9

265 20.9 17.0 25.6

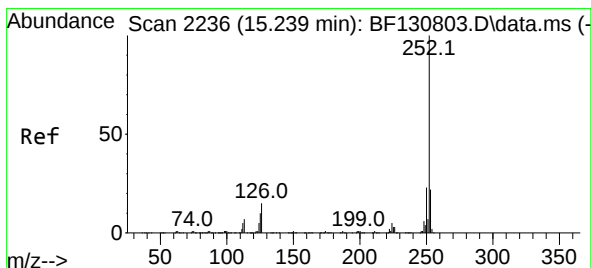
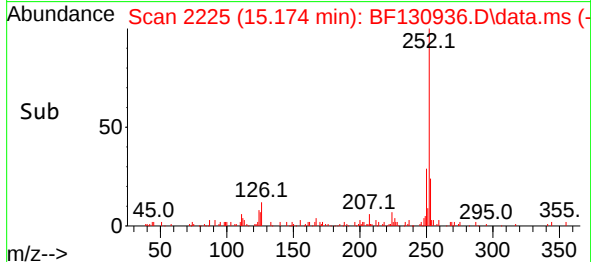
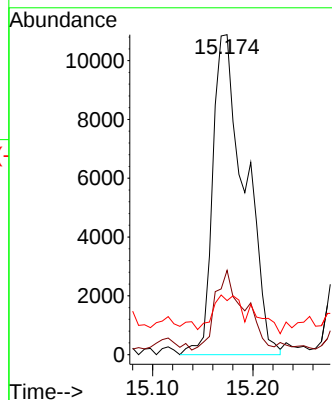
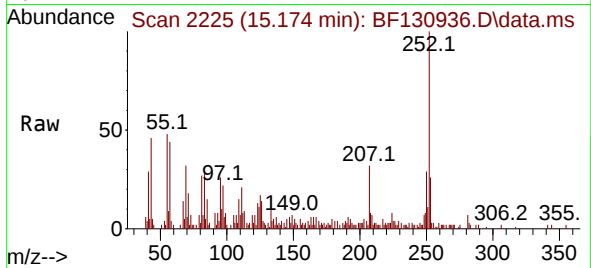




#88
Benzo(b)fluoranthene
Concen: 2.689 ng
RT: 15.174 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

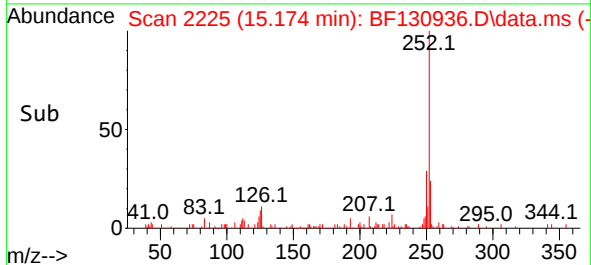
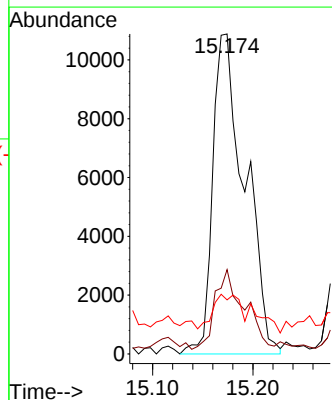
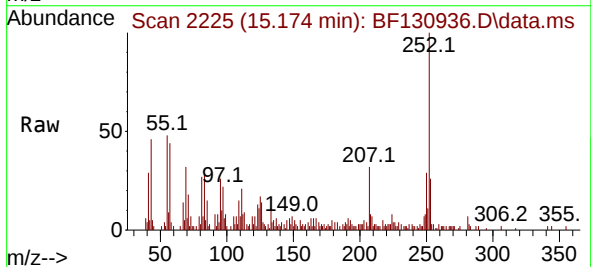
Instrument :
BNA_F
ClientSampleId :
S-12-103122

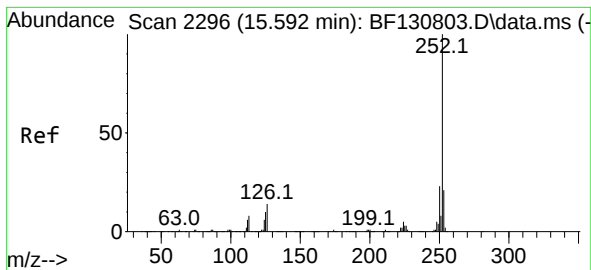
Tgt Ion:252 Resp: 24268
Ion Ratio Lower Upper
252 100
253 26.3 17.5 26.3#
125 16.9 7.0 10.4#



#89
Benzo(k)fluoranthene
Concen: 2.760 ng
RT: 15.174 min Scan# 2225
Delta R.T. -0.041 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

Tgt Ion:252 Resp: 24268
Ion Ratio Lower Upper
252 100
253 26.3 17.5 26.3#
125 16.9 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 2.131 ng

RT: 15.551 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF130936.D

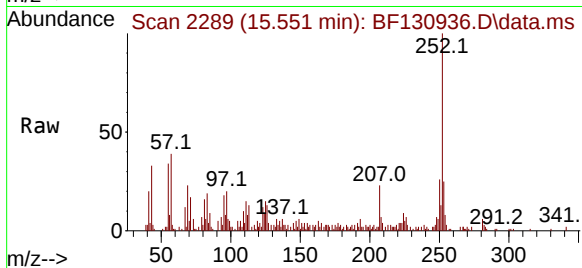
Acq: 02 Nov 2022 18:16

Instrument :

BNA_F

ClientSampleId :

S-12-103122



Tgt Ion:252 Resp: 15462

Ion Ratio Lower Upper

252 100

253 25.4 16.8 25.2#

125 15.4 8.3 12.5#

