

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126939.D
 Acq On : 17 Feb 2022 21:13
 Operator : CG\JU
 Sample : N1574-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-021622

Quant Time: Feb 18 03:46:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

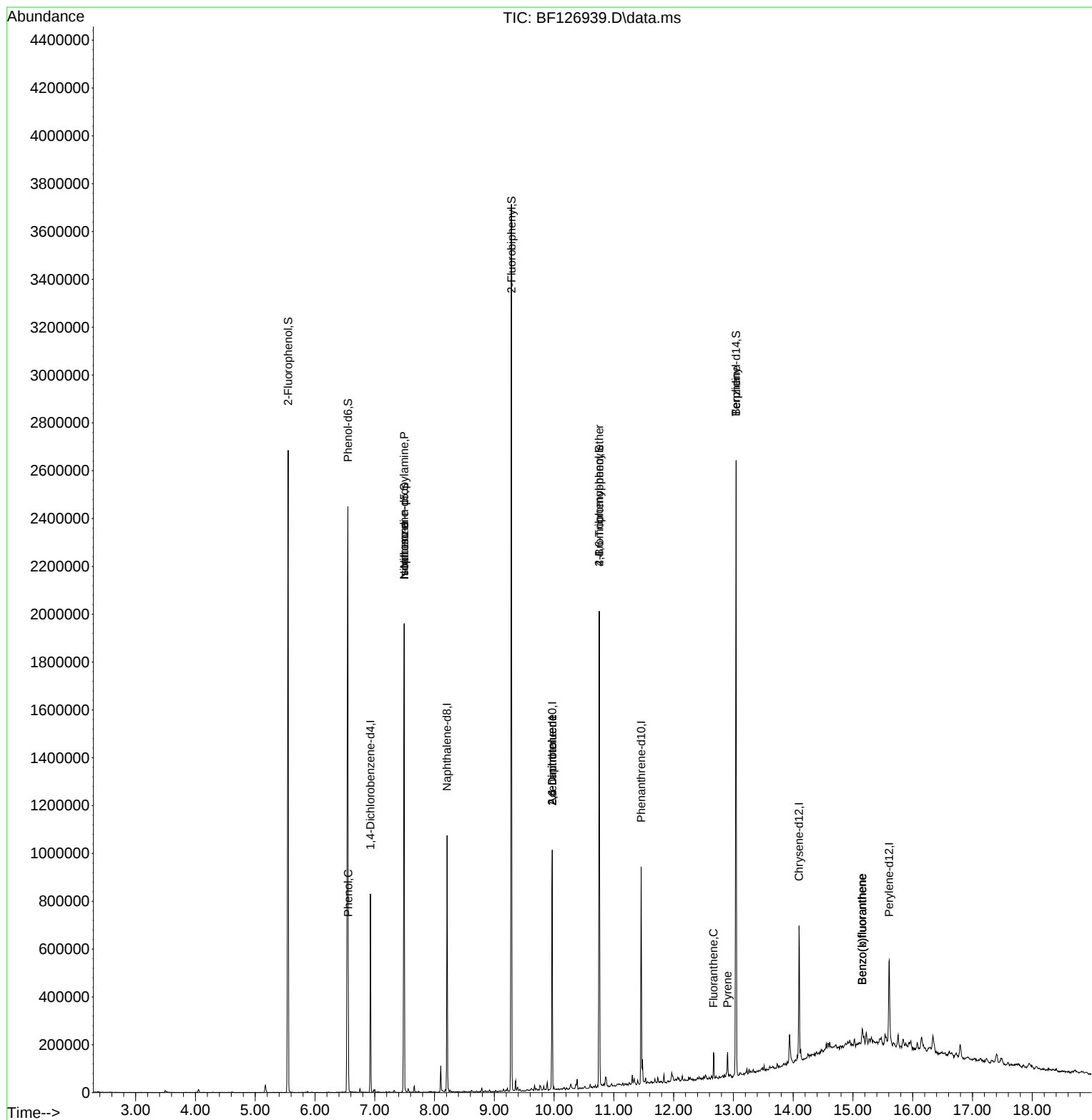
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	96163	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	384949	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	185196	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	278997	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	169040	20.000	ng	#-0.01
86) Perylene-d12	15.604	264	152884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	648141	104.172	ng	0.00
7) Phenol-d6	6.551	99	851098	101.376	ng	0.00
23) Nitrobenzene-d5	7.492	82	605503	70.998	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	204741	96.020	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	956007	75.995	ng	0.00
79) Terphenyl-d14	13.045	244	752531	65.443	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.557	94	19615	2.312	ng	# 50
19) n-Nitroso-di-n-propyla...	7.492	70	82965	15.336	ng	# 79
25) Isophorone	7.492	82	604514	42.836	ng	# 69
51) 2,6-Dinitrotoluene	9.969	165	24226	8.995	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	24226	6.653	ng	# 16
67) 4-Bromophenyl-phenylether	10.757	248	11717	3.759	ng	# 1
75) Fluoranthene	12.669	202	38004	2.563	ng	96
77) Benzidine	13.045	184	12056	2.624	ng	# 94
78) Pyrene	12.904	202	36017	2.452	ng	99
88) Benzo(b)fluoranthene	15.157	252	31842	3.101	ng	# 82
89) Benzo(k)fluoranthene	15.157	252	31842	3.215	ng	# 81

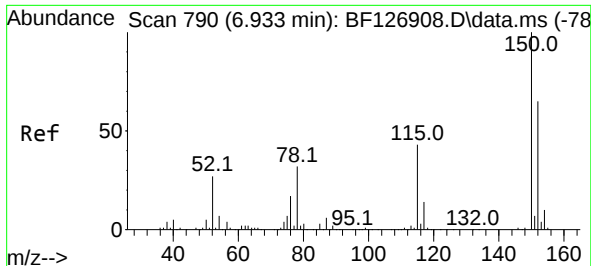
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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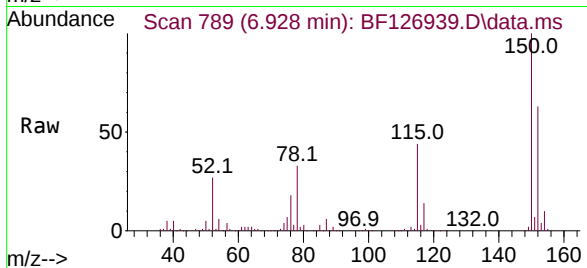
Quant Time: Feb 18 03:46:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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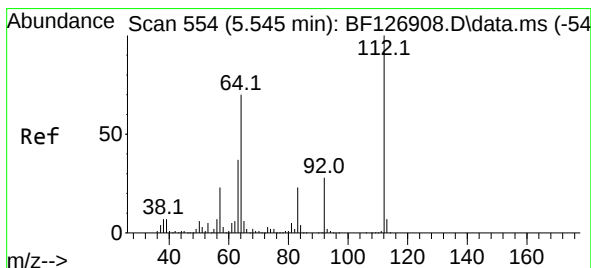
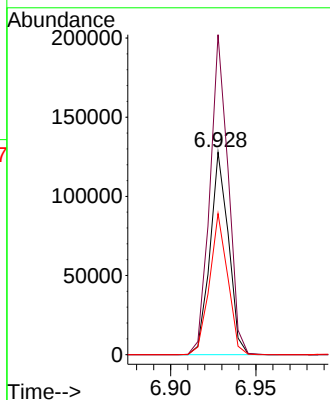
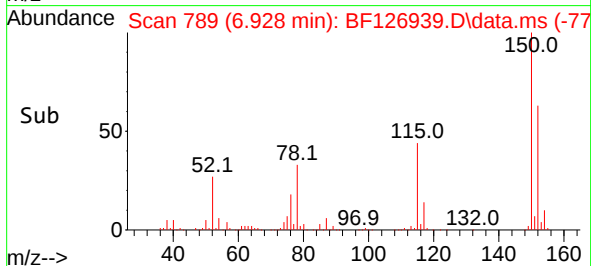


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 790
Delta R.T. -0.005 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

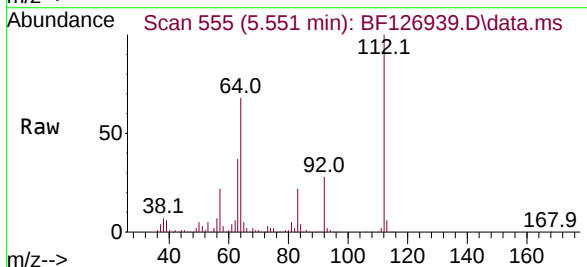
Instrument :
BNA_F
ClientSampleId :
CL-01-021622



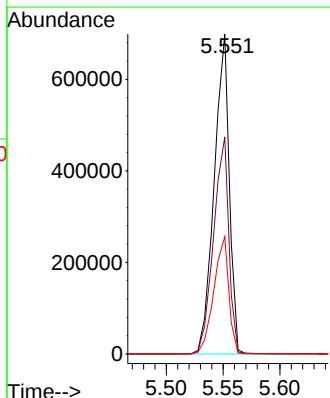
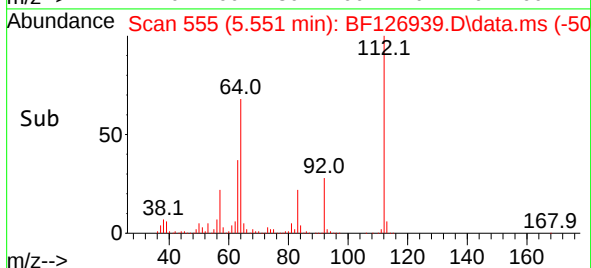
Tgt Ion:152 Resp: 96163
Ion Ratio Lower Upper
152 100
150 158.1 128.1 192.1
115 69.7 56.7 85.1

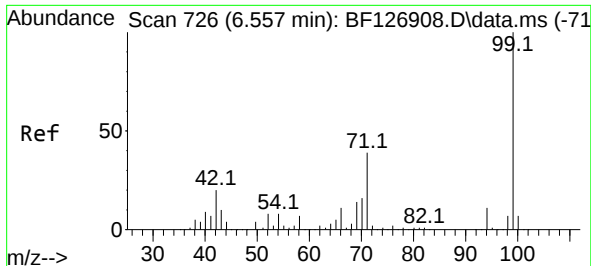


#5
2-Fluorophenol
Concen: 104.172 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13



Tgt Ion:112 Resp: 648141
Ion Ratio Lower Upper
112 100
64 67.8 49.5 74.3
63 36.6 23.9 35.9





#7

Phenol-d6

Concen: 101.376 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF126939.D

Acq: 17 Feb 2022 21:13

Instrument :

BNA_F

ClientSampleId :

CL-01-021622

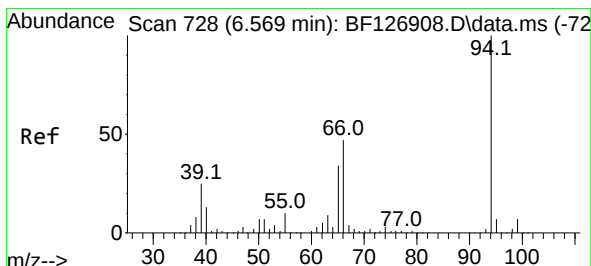
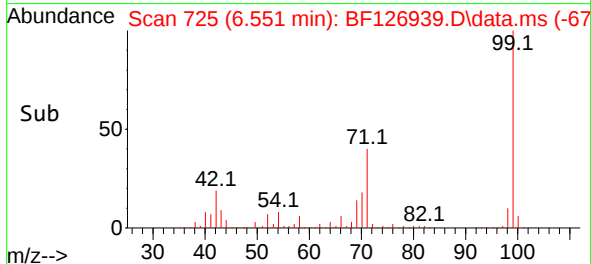
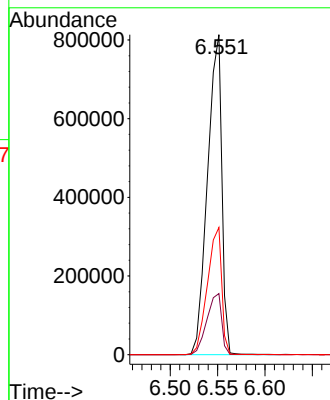
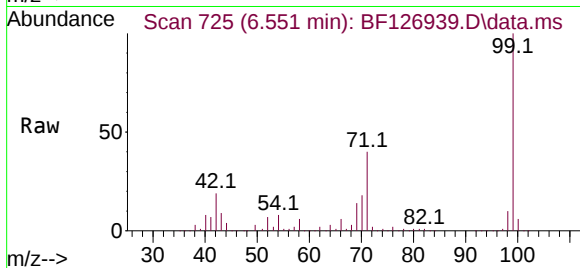
Tgt Ion: 99 Resp: 851098

Ion Ratio Lower Upper

99 100

42 19.1 14.2 21.4

71 39.8 24.3 36.5#



#10

Phenol

Concen: 2.312 ng

RT: 6.557 min Scan# 726

Delta R.T. -0.012 min

Lab File: BF126939.D

Acq: 17 Feb 2022 21:13

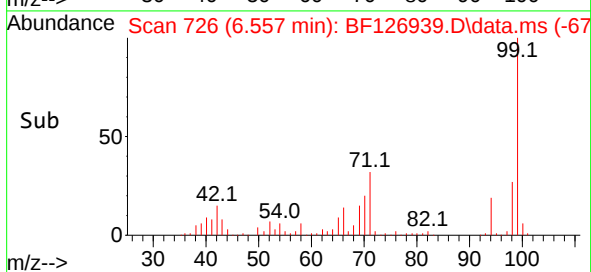
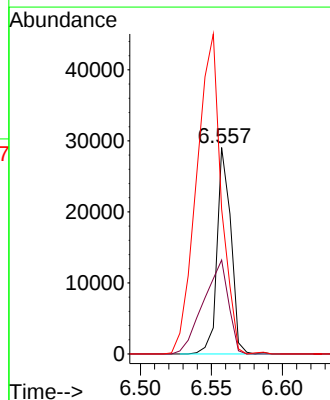
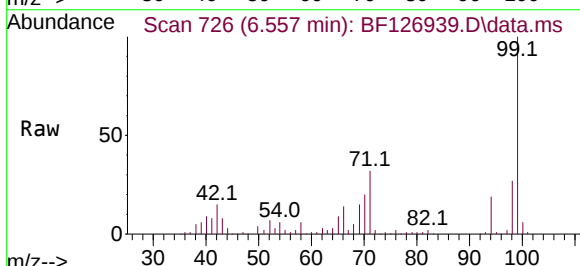
Tgt Ion: 94 Resp: 19615

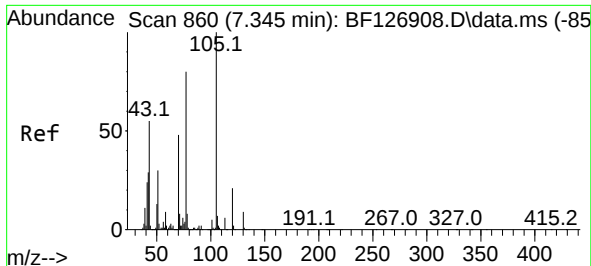
Ion Ratio Lower Upper

94 100

65 45.5 7.2 47.2

66 70.2 14.5 54.5#

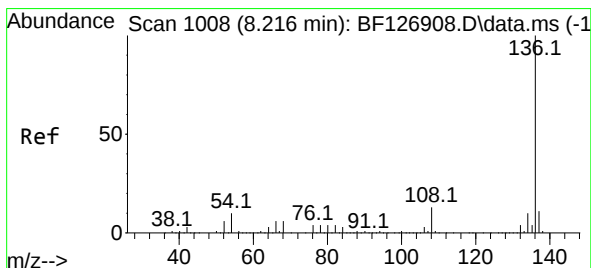
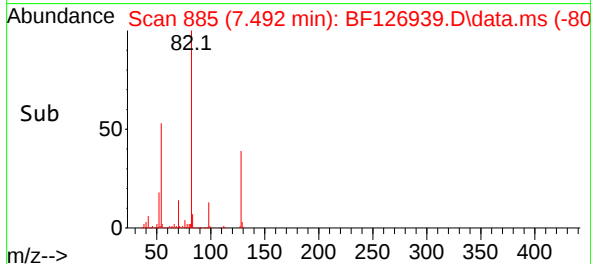
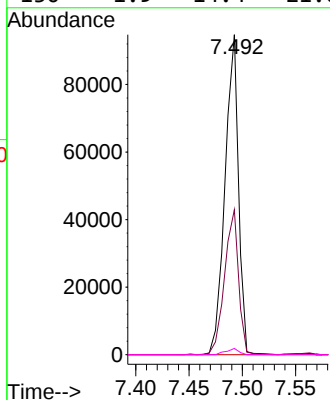
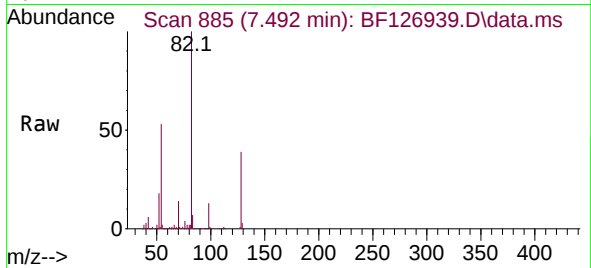




#19
n-Nitroso-di-n-propylamine
Concen: 15.336 ng
RT: 7.492 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

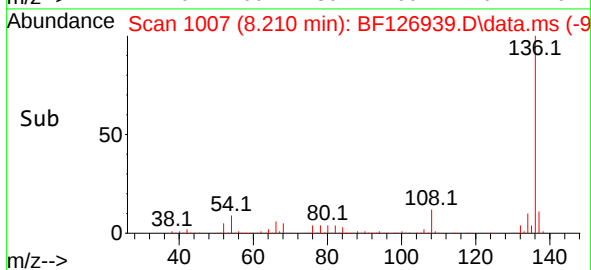
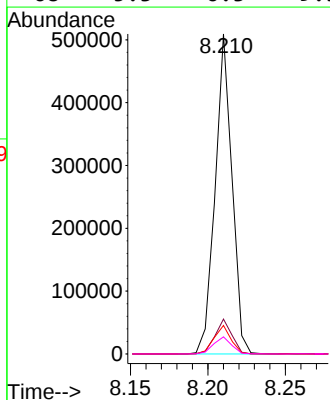
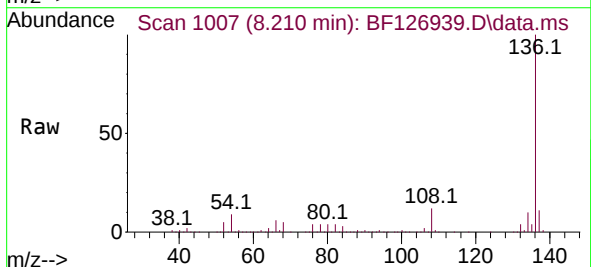
Instrument :
BNA_F
ClientSampleId :
CL-01-021622

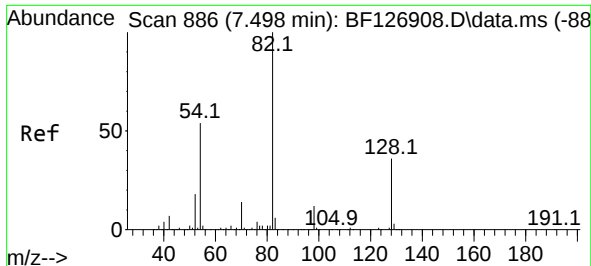
Tgt Ion: 70 Resp: 82965
Ion Ratio Lower Upper
70 100
42 45.3 45.8 68.8#
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

Tgt Ion: 136 Resp: 384949
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.9 7.8 11.6
68 5.3 6.3 9.5#

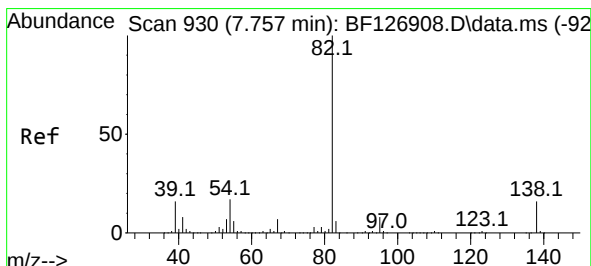
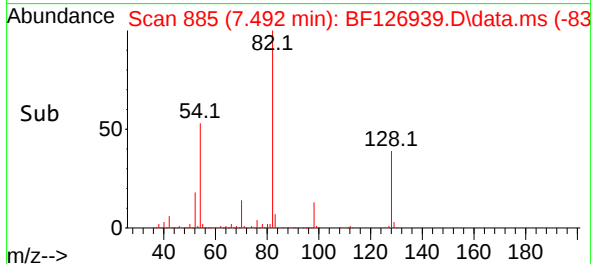
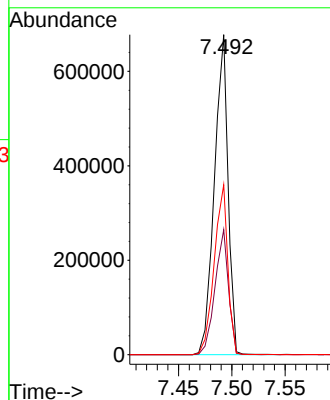
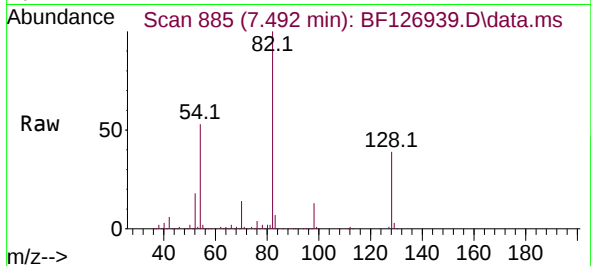




#23
Nitrobenzene-d5
Concen: 70.998 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

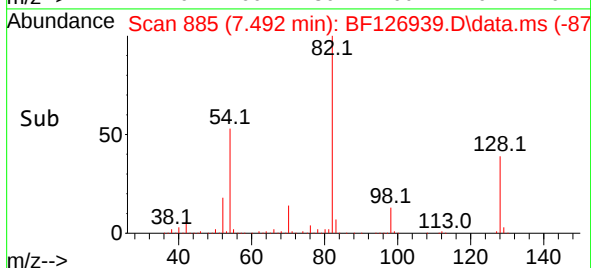
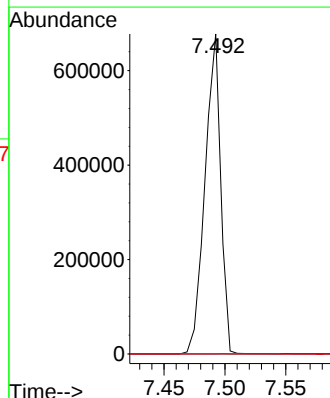
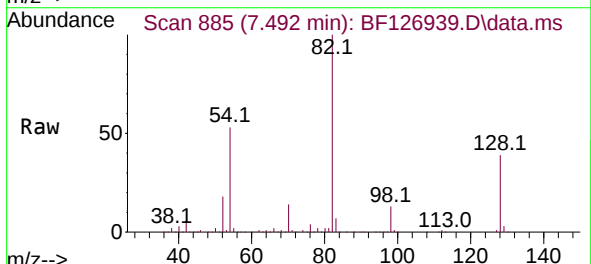
Instrument :
BNA_F
ClientSampleId :
CL-01-021622

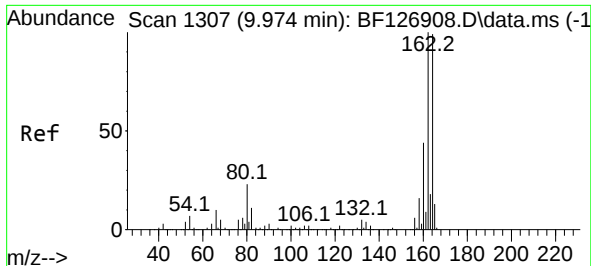
Tgt Ion: 82 Resp: 605503
Ion Ratio Lower Upper
82 100
128 39.1 32.7 49.1
54 53.1 41.7 62.5



#25
Isophorone
Concen: 42.836 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.265 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

Tgt Ion: 82 Resp: 604514
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126939.D

Acq: 17 Feb 2022 21:13

Instrument :

BNA_F

ClientSampleId :

CL-01-021622

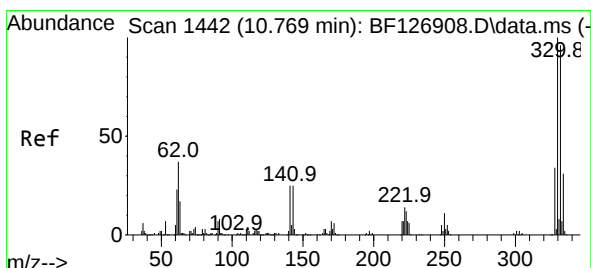
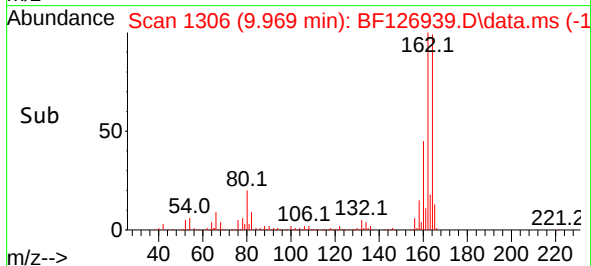
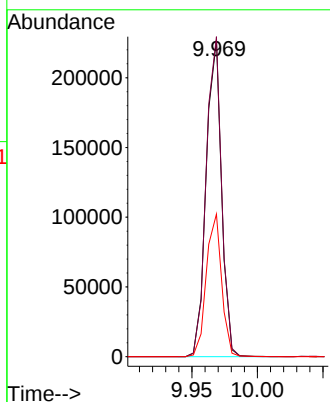
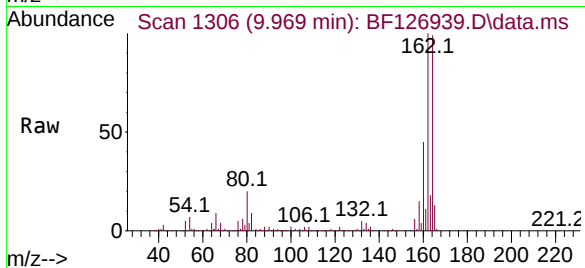
Tgt Ion:164 Resp: 185196

Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

160 45.0 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 96.020 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF126939.D

Acq: 17 Feb 2022 21:13

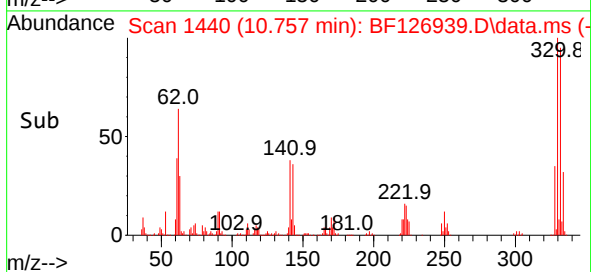
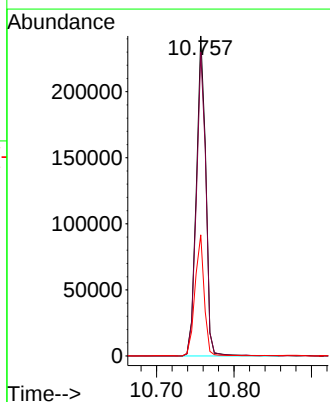
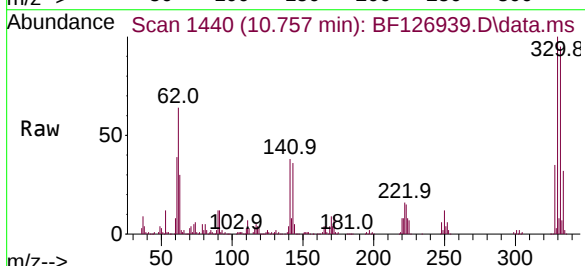
Tgt Ion:330 Resp: 204741

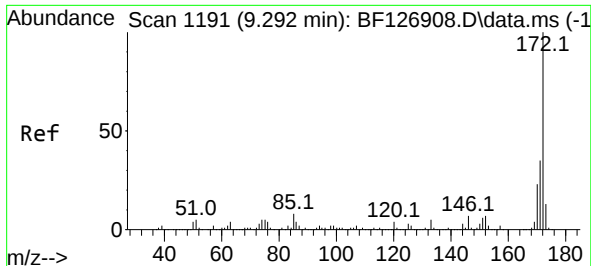
Ion Ratio Lower Upper

330 100

332 95.3 76.0 114.0

141 37.2 30.1 45.1

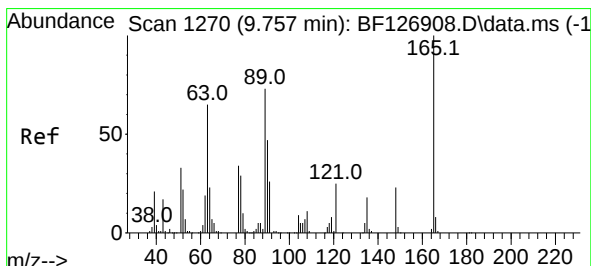
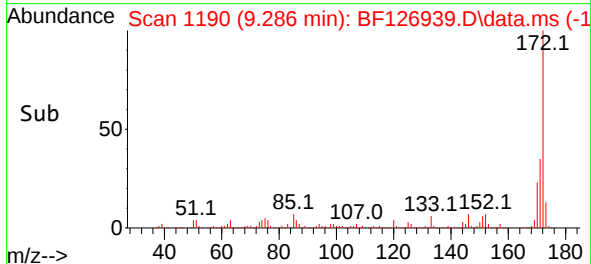
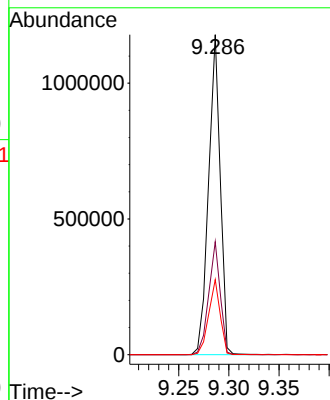
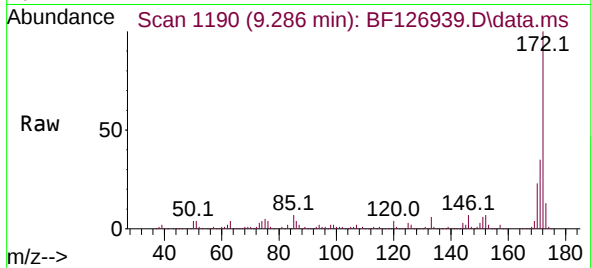




#45
 2-Fluorobiphenyl
 Concen: 75.995 ng
 RT: 9.286 min Scan# 1191
 Delta R.T. -0.006 min
 Lab File: BF126939.D
 Acq: 17 Feb 2022 21:13

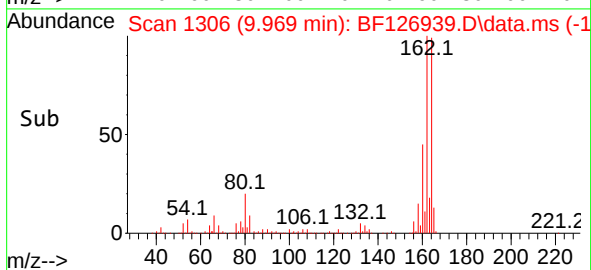
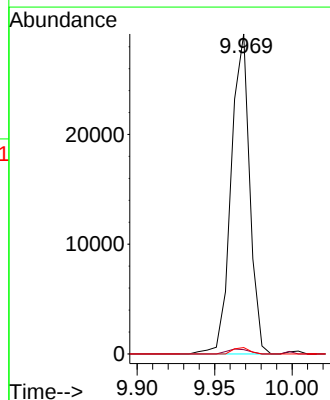
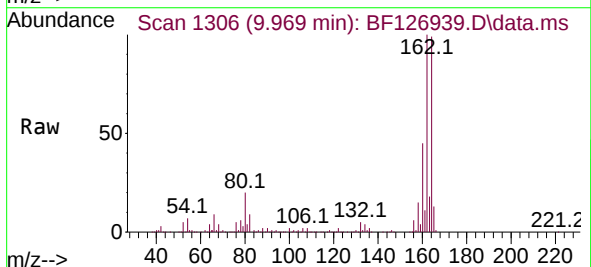
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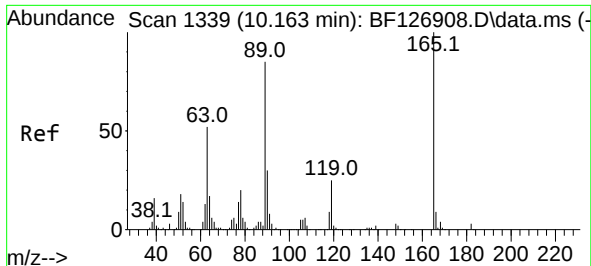
Tgt Ion:172 Resp: 956007
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 23.4 19.0 28.6



#51
 2,6-Dinitrotoluene
 Concen: 8.995 ng
 RT: 9.969 min Scan# 1306
 Delta R.T. 0.212 min
 Lab File: BF126939.D
 Acq: 17 Feb 2022 21:13

Tgt Ion:165 Resp: 24226
 Ion Ratio Lower Upper
 165 100
 63 1.3 48.4 72.6#
 89 2.0 50.5 75.7#

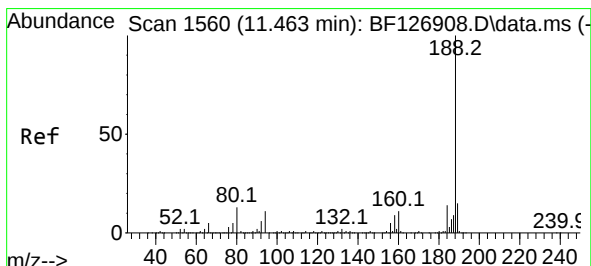
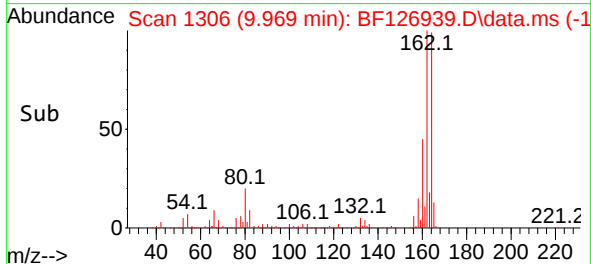
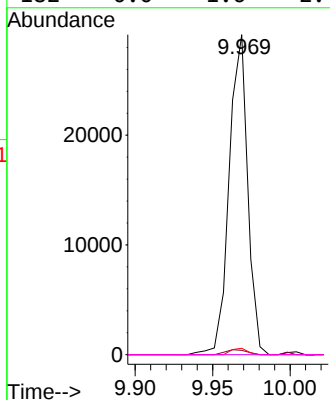
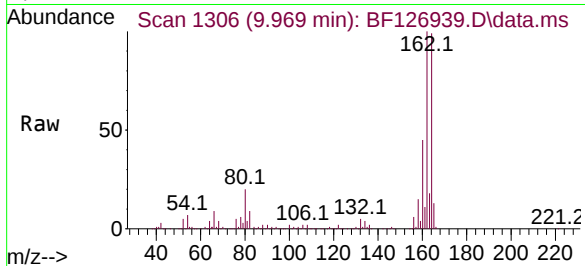




#57
2,4-Dinitrotoluene
Concen: 6.653 ng
RT: 9.969 min Scan# 1159
Delta R.T. -0.194 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

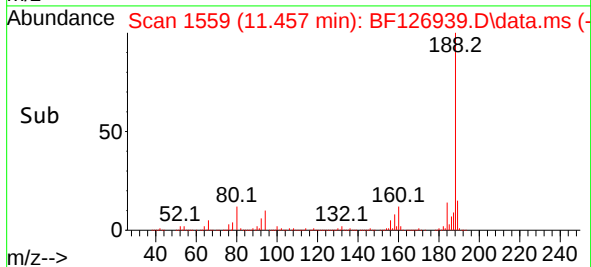
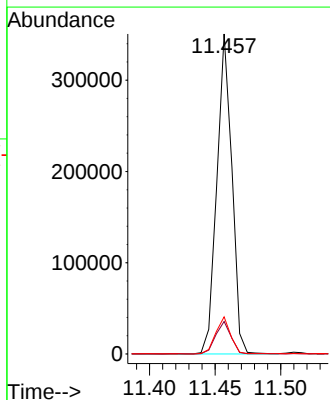
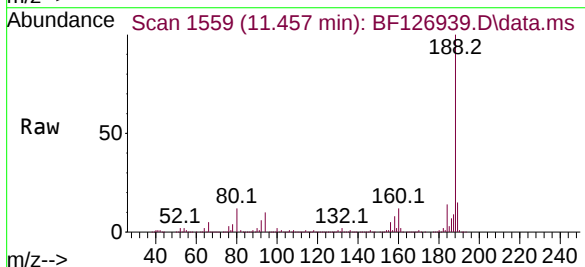
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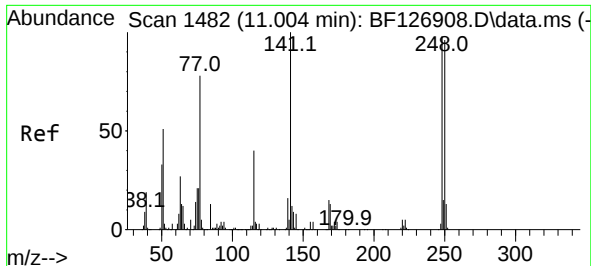
Tgt Ion:165 Resp: 24226
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 2.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

Tgt Ion:188 Resp: 278997
Ion Ratio Lower Upper
188 100
94 10.1 10.1 15.1
80 11.6 11.8 17.6#

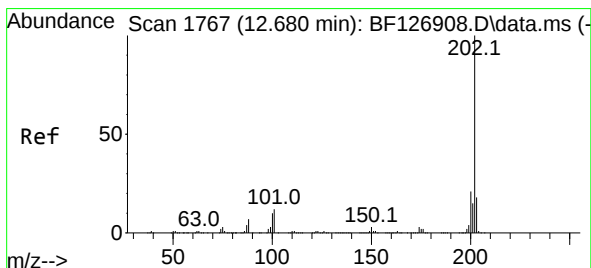
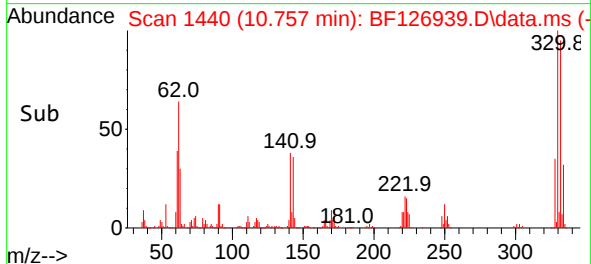
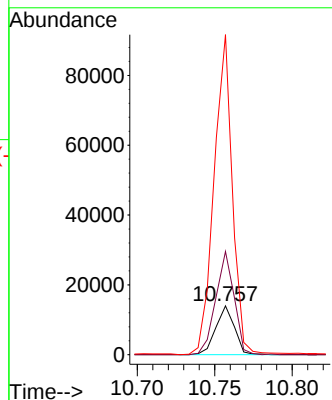
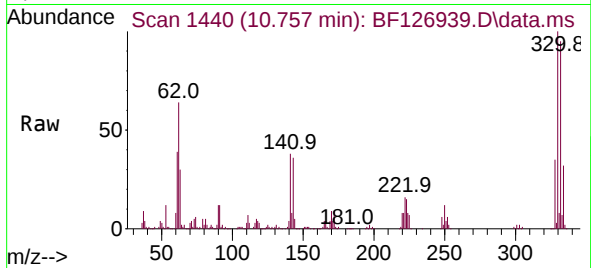




#67
4-Bromophenyl-phenylether
Concen: 3.759 ng
RT: 10.757 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

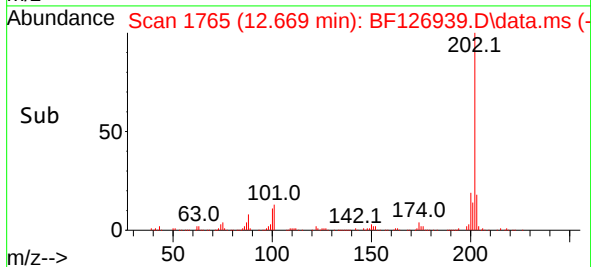
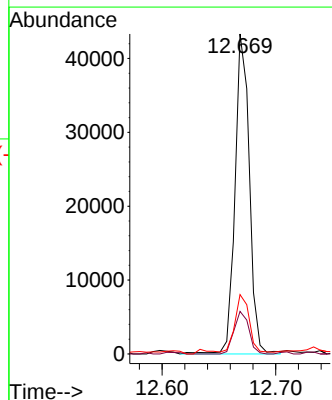
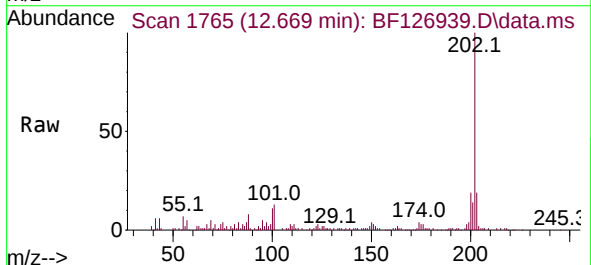
Instrument :
BNA_F
ClientSampleId :
CL-01-021622

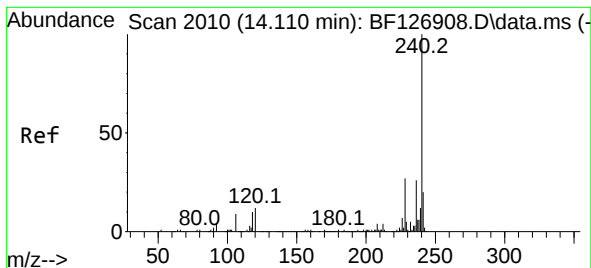
Tgt Ion:248 Resp: 11717
Ion Ratio Lower Upper
248 100
250 211.2 76.2 114.4#
141 654.6 66.2 99.4#



#75
Fluoranthene
Concen: 2.563 ng
RT: 12.669 min Scan# 1765
Delta R.T. -0.012 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

Tgt Ion:202 Resp: 38004
Ion Ratio Lower Upper
202 100
101 13.3 0.0 35.7
203 18.5 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF126939.D

Acq: 17 Feb 2022 21:13

Instrument :

BNA_F

ClientSampleId :

CL-01-021622

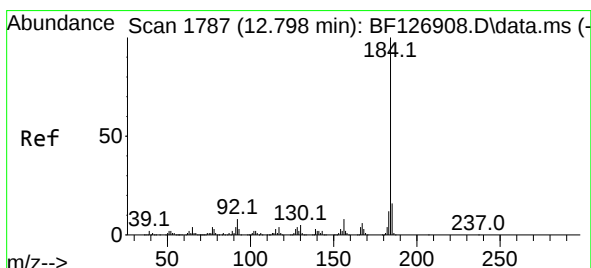
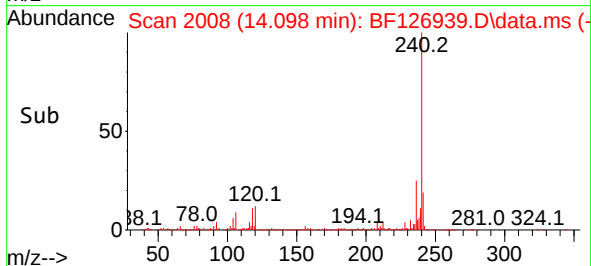
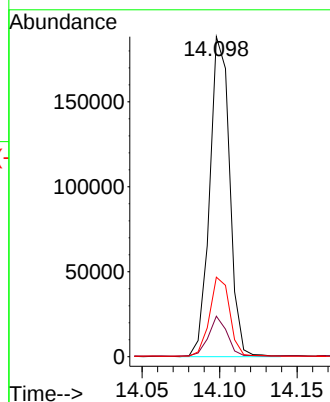
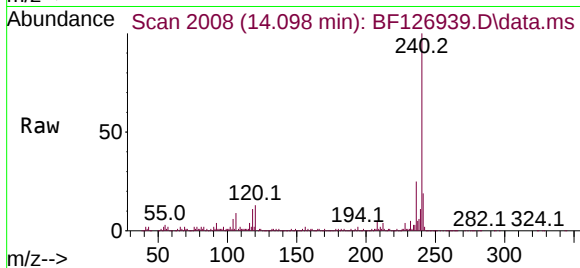
Tgt Ion:240 Resp: 169040

Ion Ratio Lower Upper

240 100

120 12.6 14.4 21.6#

236 24.8 20.5 30.7



#77

Benidine

Concen: 2.624 ng

RT: 13.045 min Scan# 1829

Delta R.T. 0.247 min

Lab File: BF126939.D

Acq: 17 Feb 2022 21:13

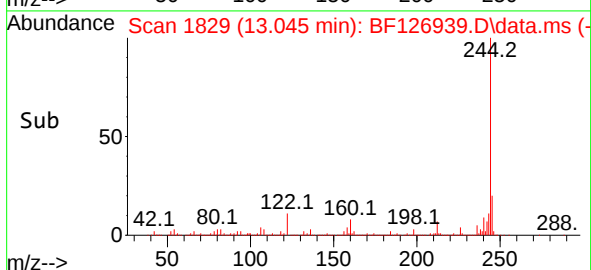
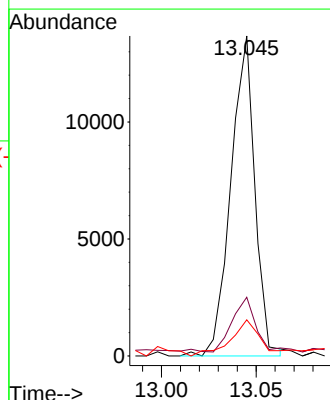
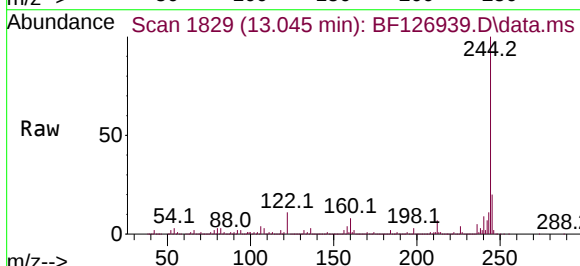
Tgt Ion:184 Resp: 12056

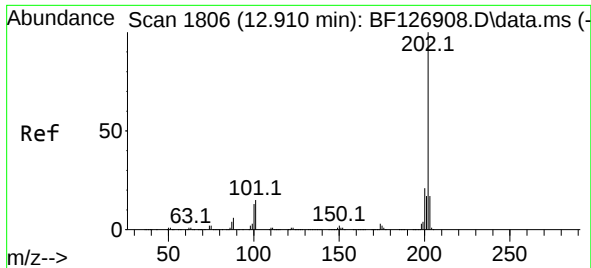
Ion Ratio Lower Upper

184 100

185 18.4 11.8 17.8#

183 11.3 8.2 12.2

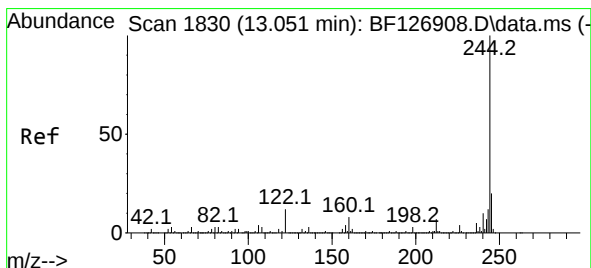
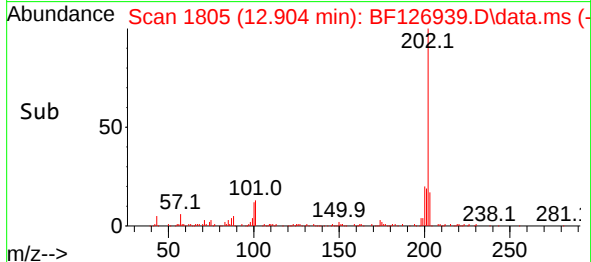
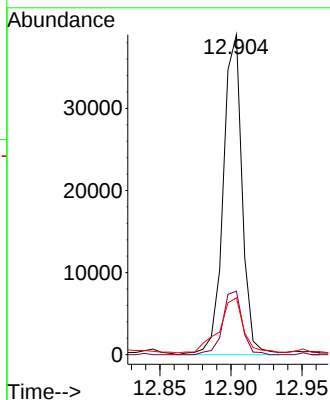
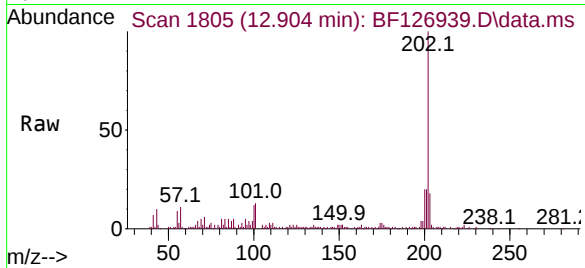




#78
Pyrene
Concen: 2.452 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

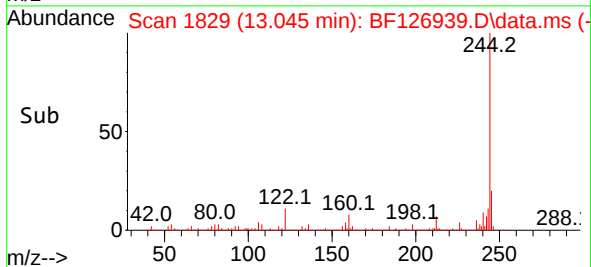
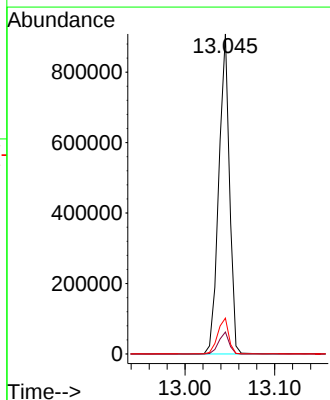
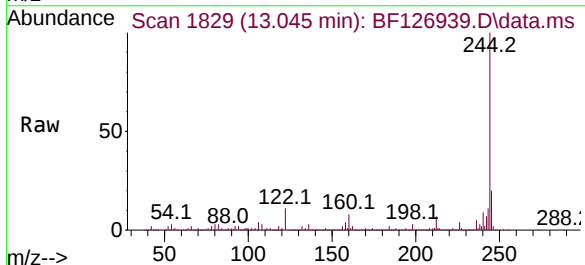
Instrument :
BNA_F
ClientSampleId :
CL-01-021622

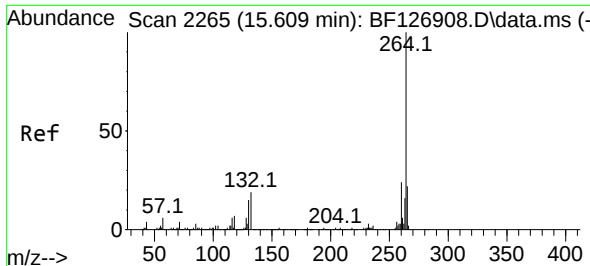
Tgt Ion:202 Resp: 36017
Ion Ratio Lower Upper
202 100
200 19.8 16.6 24.8
203 17.7 13.8 20.8



#79
Terphenyl-d14
Concen: 65.443 ng
RT: 13.045 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

Tgt Ion:244 Resp: 752531
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 11.2 13.3 19.9#

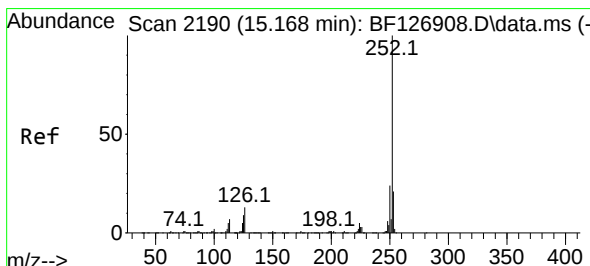
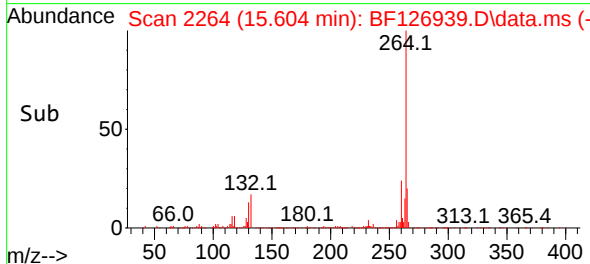
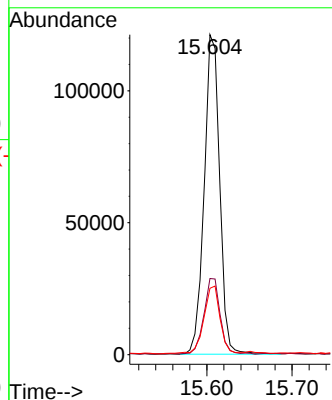
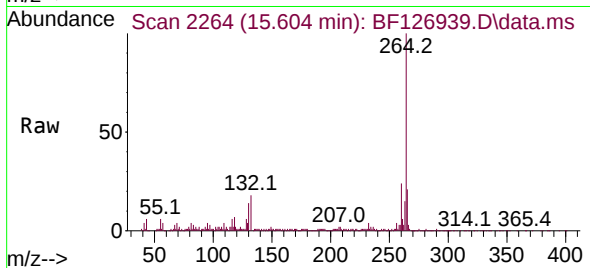




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

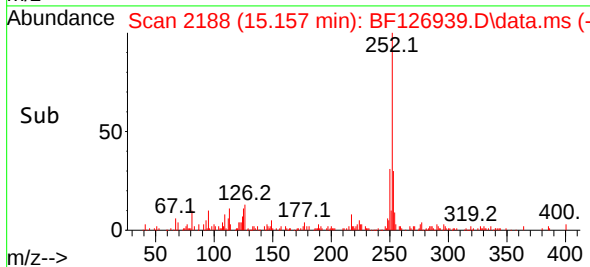
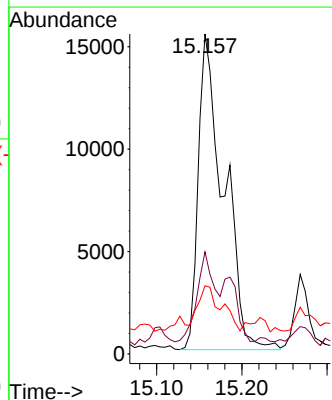
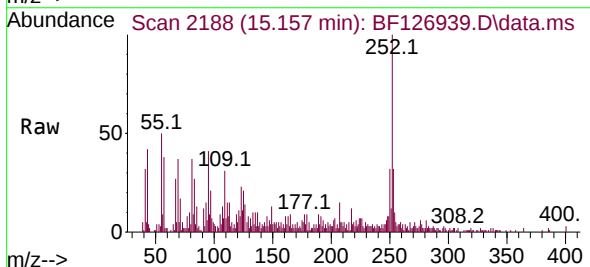
Instrument :
BNA_F
ClientSampleId :
CL-01-021622

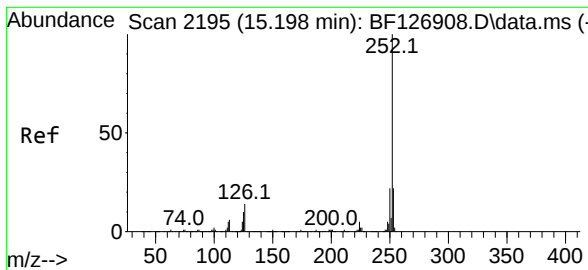
Tgt Ion:264 Resp: 152884
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 20.7 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 3.101 ng
RT: 15.157 min Scan# 2188
Delta R.T. -0.012 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

Tgt Ion:252 Resp: 31842
Ion Ratio Lower Upper
252 100
253 31.9 17.8 26.8#
125 21.3 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 3.215 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF126939.D

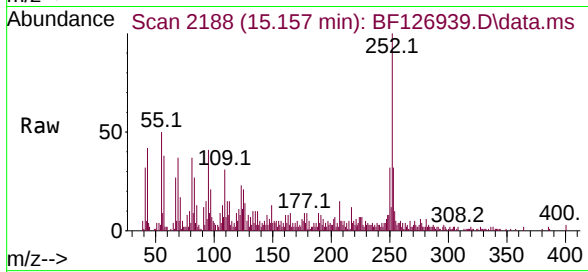
Acq: 17 Feb 2022 21:13

Instrument :

BNA_F

ClientSampleId :

CL-01-021622



Tgt Ion:252 Resp: 31842

Ion Ratio Lower Upper

252 100

253 31.9 17.5 26.3#

125 21.3 11.8 17.6#

