

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126929.D
 Acq On : 17 Feb 2022 16:19
 Operator : CG\JU
 Sample : N1573-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GES-1R

Quant Time: Feb 17 17:10:30 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)

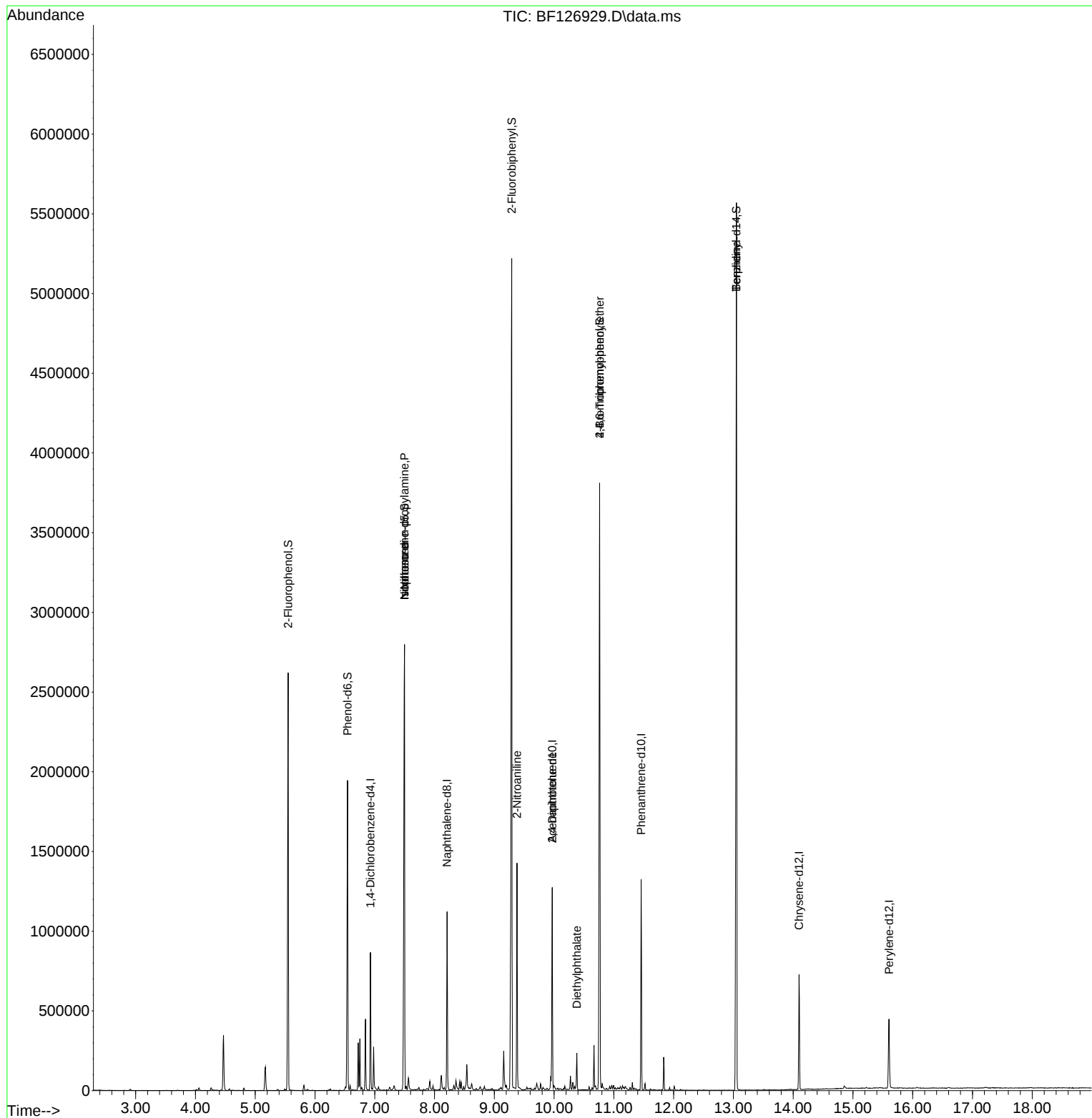
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	103306	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	428903	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	225648	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	411905	20.000	ng	0.00
76) Chrysene-d12	14.098	240	221194	20.000	ng	#-0.01
86) Perylene-d12	15.604	264	183141	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	626417	93.719	ng	0.00
7) Phenol-d6	6.545	99	598335	66.341	ng	-0.01
23) Nitrobenzene-d5	7.498	82	1039891	109.437	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	457251	175.999	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1630850	106.399	ng	0.00
79) Terphenyl-d14	13.051	244	1912742	127.119	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.498	70	144239	24.819	ng	# 78
25) Isophorone	7.498	82	1037761	66.000	ng	# 69
48) 2-Nitroaniline	9.381	65	22023	4.210	ng	# 19
57) 2,4-Dinitrotoluene	9.969	165	29783	6.713	ng	# 15
60) Diethylphthalate	10.380	149	63625	3.775	ng	99
67) 4-Bromophenyl-phenylether	10.763	248	27106	5.890	ng	# 1
77) Benzidine	13.051	184	28557	4.751	ng	97

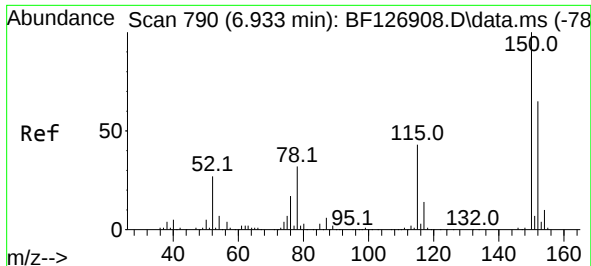
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126929.D
Acq On : 17 Feb 2022 16:19
Operator : CG\JU
Sample : N1573-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GES-1R

Quant Time: Feb 17 17:10:30 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

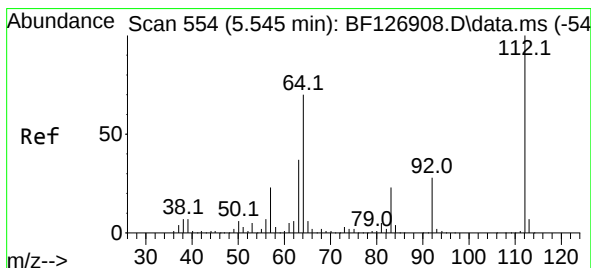
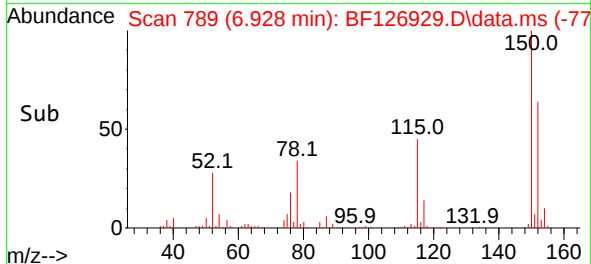
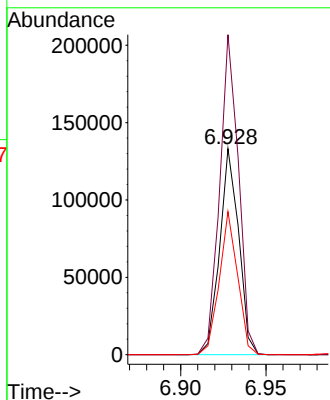
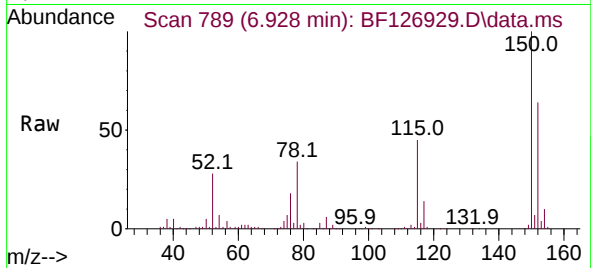




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 790
Delta R.T. -0.005 min
Lab File: BF126929.D
Acq: 17 Feb 2022 16:19

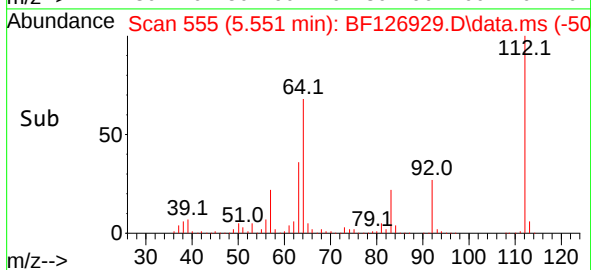
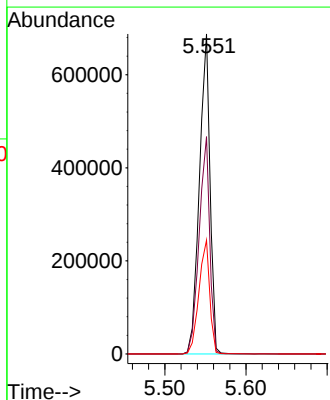
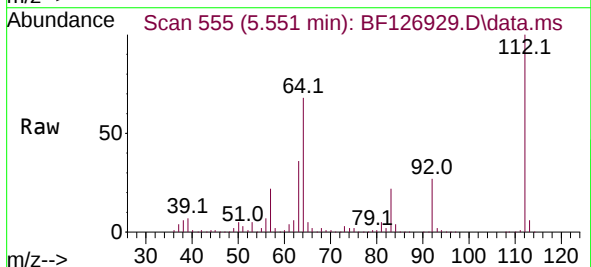
Instrument :
BNA_F
ClientSampleId :
GES-1R

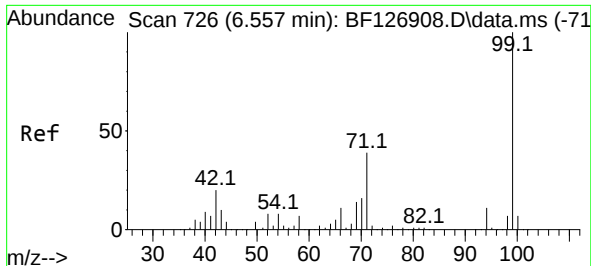
Tgt Ion:152 Resp: 103306
Ion Ratio Lower Upper
152 100
150 155.2 128.1 192.1
115 69.4 56.7 85.1



#5
2-Fluorophenol
Concen: 93.719 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF126929.D
Acq: 17 Feb 2022 16:19

Tgt Ion:112 Resp: 626417
Ion Ratio Lower Upper
112 100
64 67.9 49.5 74.3
63 35.6 23.9 35.9

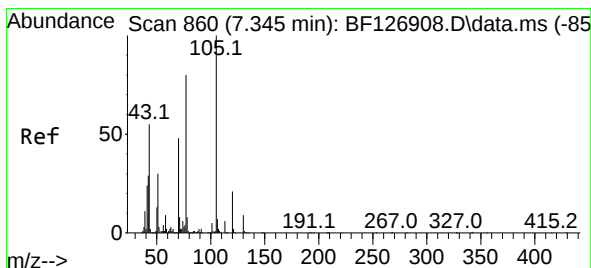
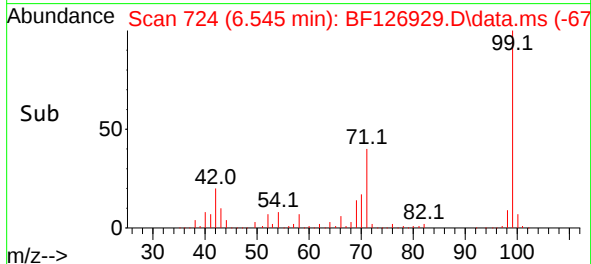
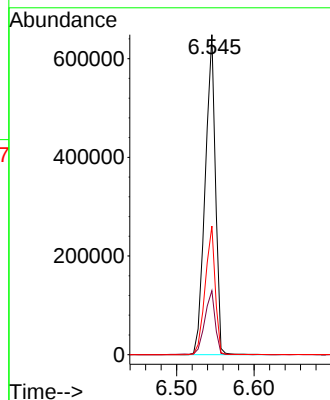
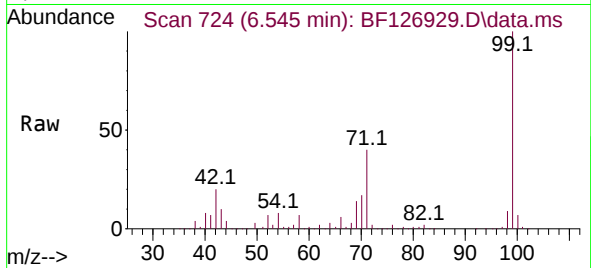




#7
Phenol-d6
Concen: 66.341 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126929.D
Acq: 17 Feb 2022 16:19

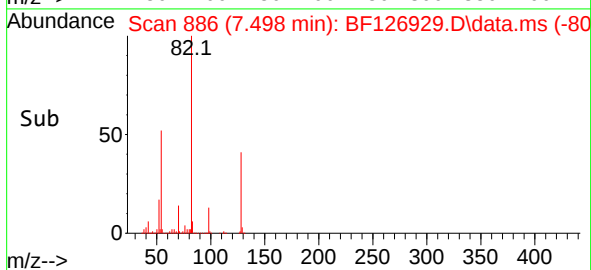
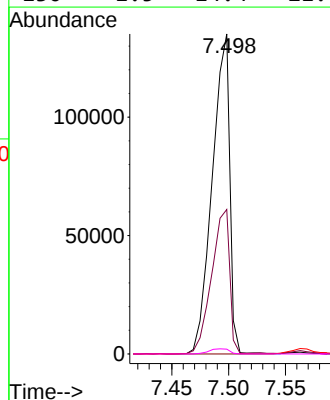
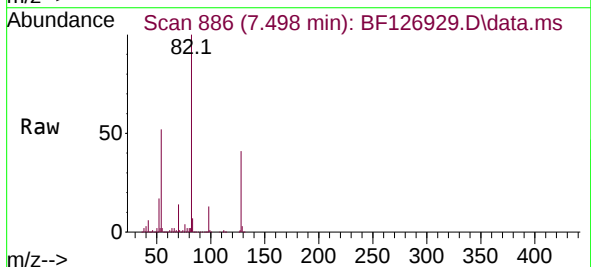
Instrument :
BNA_F
ClientSampleId :
GES-1R

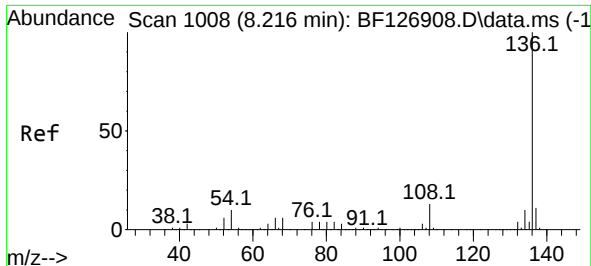
Tgt Ion: 99 Resp: 598335
Ion Ratio Lower Upper
99 100
42 20.0 14.2 21.4
71 40.2 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 24.819 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.153 min
Lab File: BF126929.D
Acq: 17 Feb 2022 16:19

Tgt Ion: 70 Resp: 144239
Ion Ratio Lower Upper
70 100
42 45.2 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#

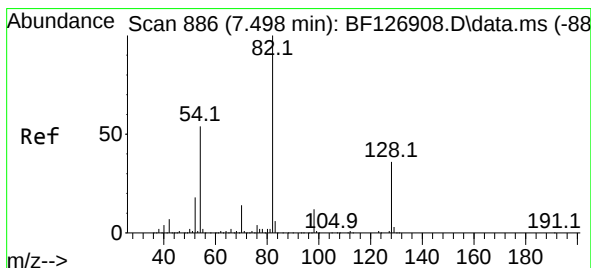
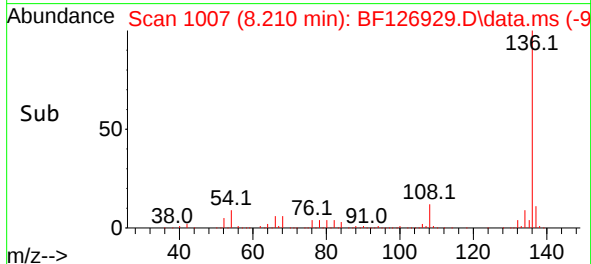
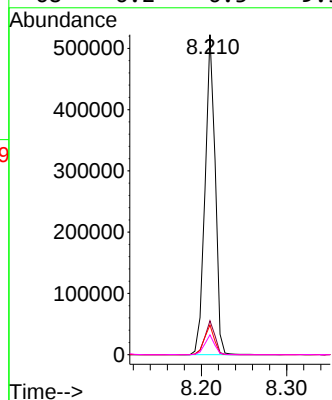
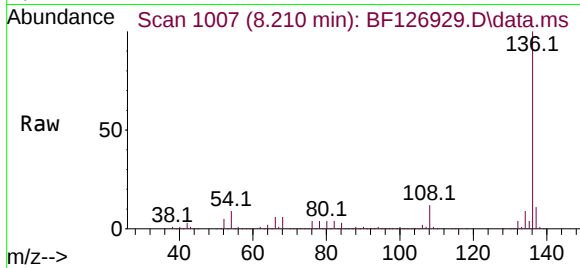




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126929.D
Acq: 17 Feb 2022 16:19

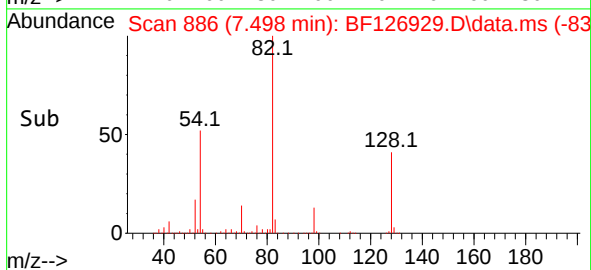
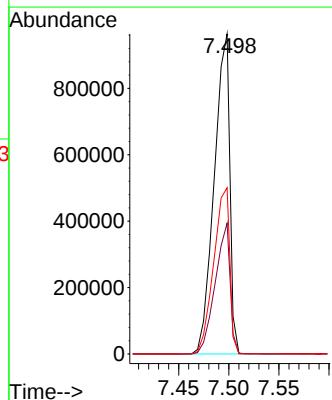
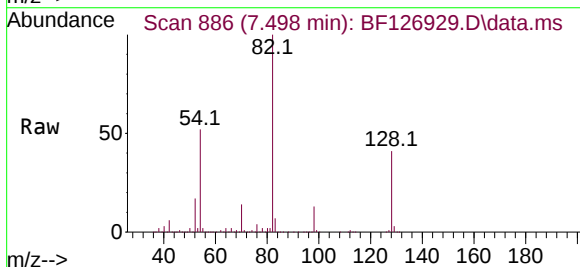
Instrument :
BNA_F
ClientSampleId :
GES-1R

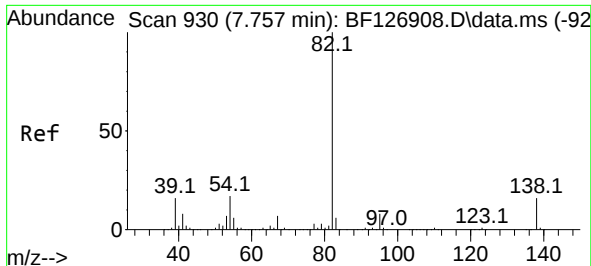
Tgt Ion:136 Resp: 428903
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.3 7.8 11.6
68 6.2 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 109.437 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF126929.D
Acq: 17 Feb 2022 16:19

Tgt Ion: 82 Resp: 1039891
Ion Ratio Lower Upper
82 100
128 40.8 32.7 49.1
54 51.9 41.7 62.5

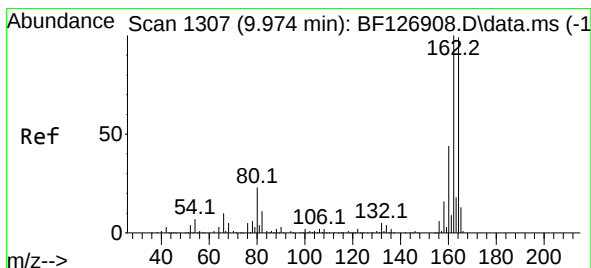
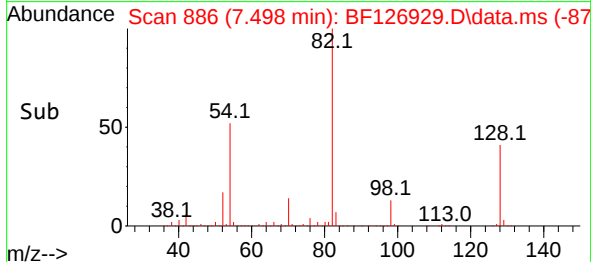
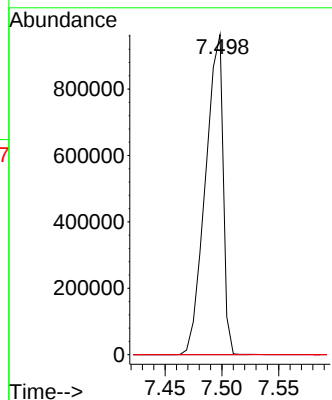
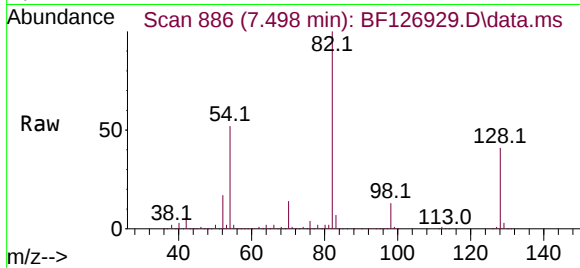




#25
Isophorone
Concen: 66.000 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126929.D
Acq: 17 Feb 2022 16:19

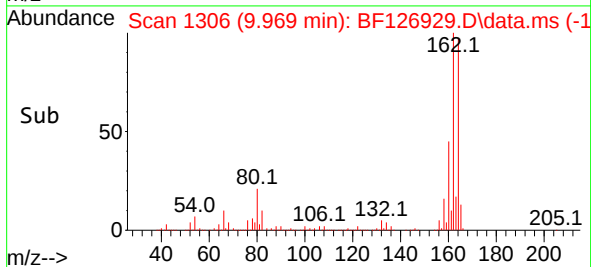
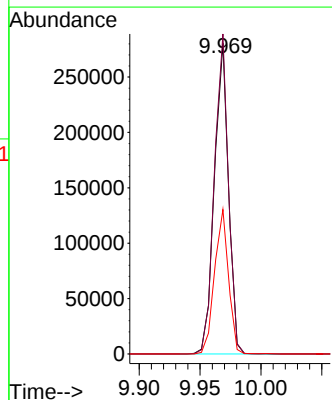
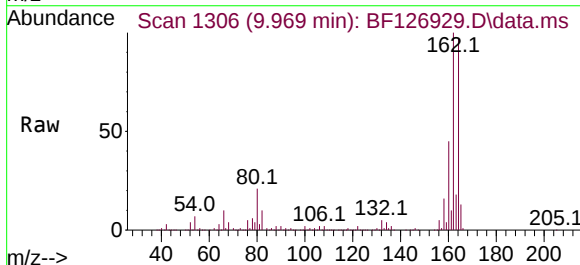
Instrument :
BNA_F
ClientSampleId :
GES-1R

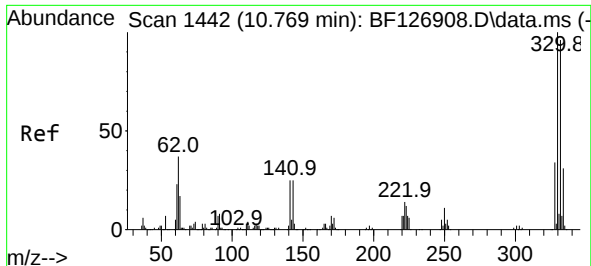
Tgt Ion: 82 Resp: 1037761
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126929.D
Acq: 17 Feb 2022 16:19

Tgt Ion:164 Resp: 225648
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 46.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 175.999 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF126929.D

Acq: 17 Feb 2022 16:19

Instrument :

BNA_F

ClientSampleId :

GES-1R

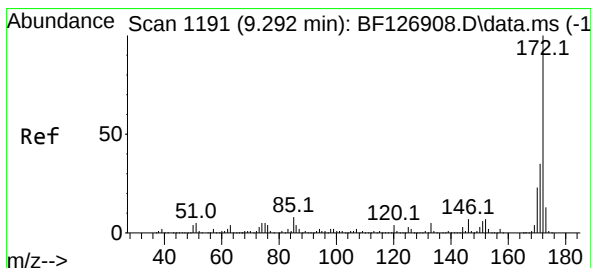
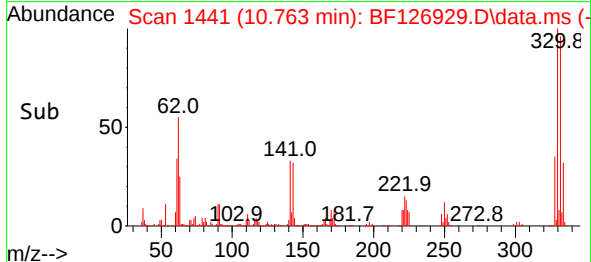
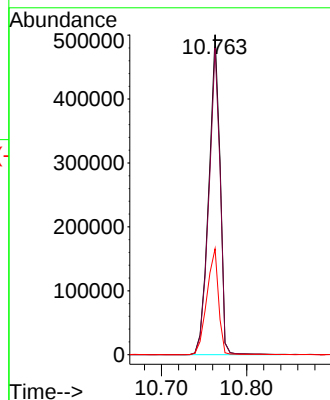
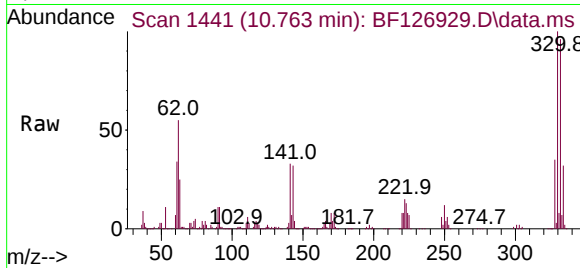
Tgt Ion:330 Resp: 457251

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 34.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 106.399 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF126929.D

Acq: 17 Feb 2022 16:19

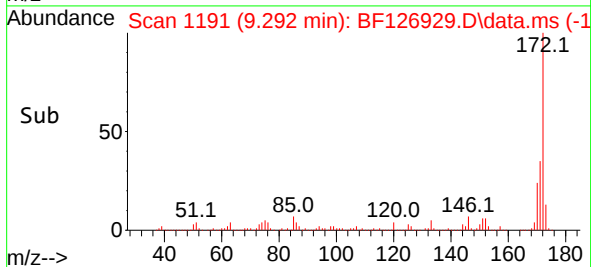
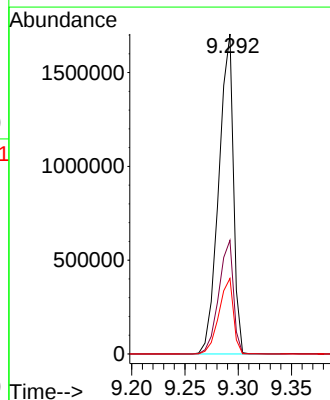
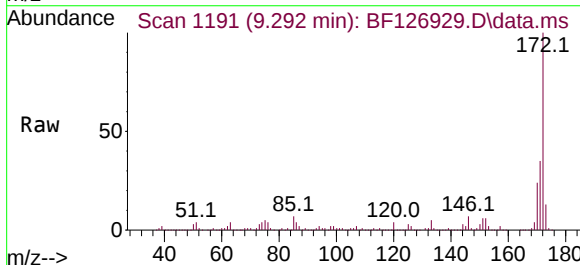
Tgt Ion:172 Resp: 1630850

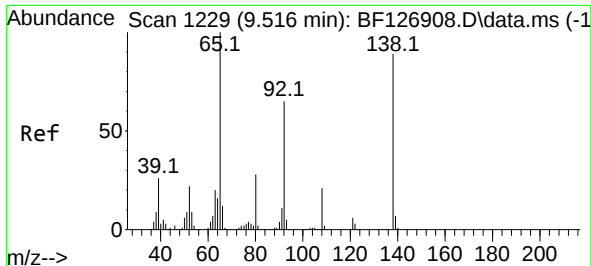
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.6 19.0 28.6

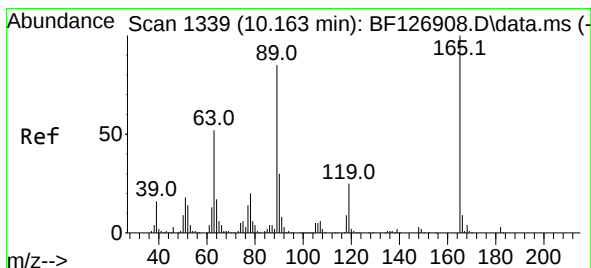
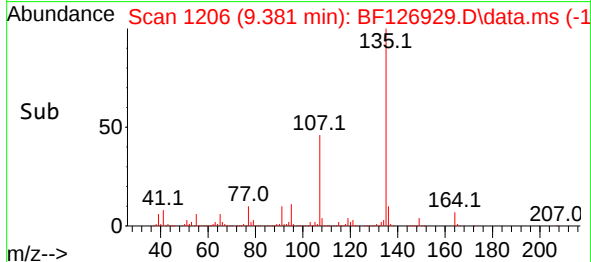
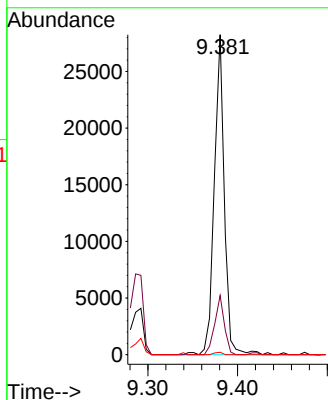
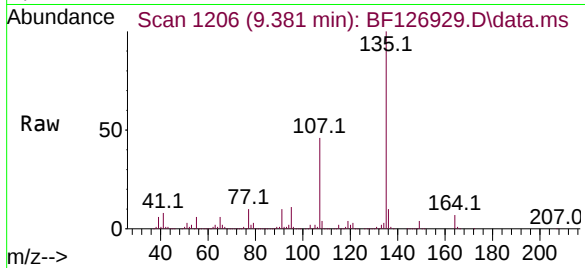




#48
2-Nitroaniline
Concen: 4.210 ng
RT: 9.381 min Scan# 11
Delta R.T. -0.135 min
Lab File: BF126929.D
Acq: 17 Feb 2022 16:19

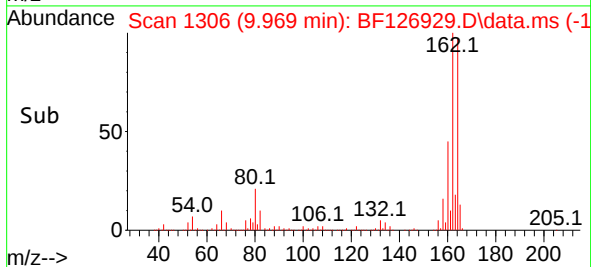
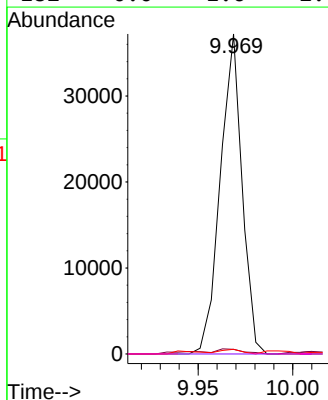
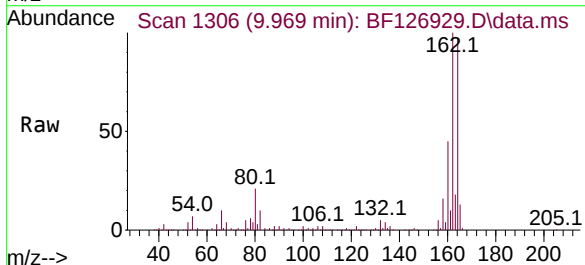
Instrument :
BNA_F
ClientSampleId :
GES-1R

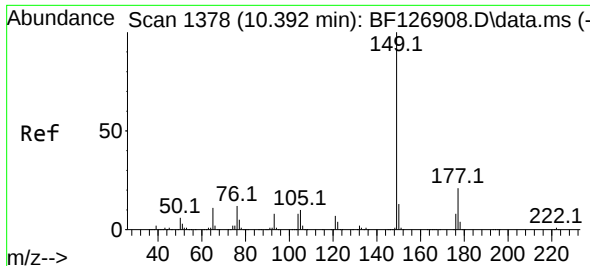
Tgt Ion: 65 Resp: 22023
Ion Ratio Lower Upper
65 100
92 18.5 54.4 81.6#
138 0.7 72.5 108.7#



#57
2,4-Dinitrotoluene
Concen: 6.713 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF126929.D
Acq: 17 Feb 2022 16:19

Tgt Ion: 165 Resp: 29783
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#

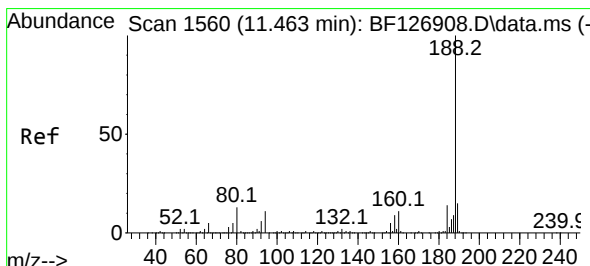
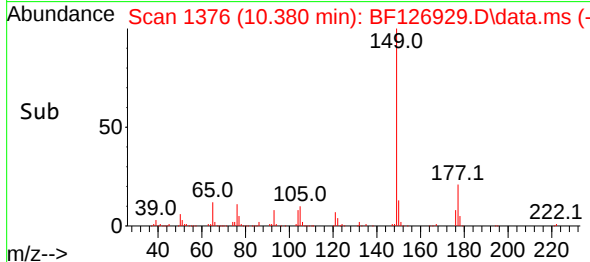
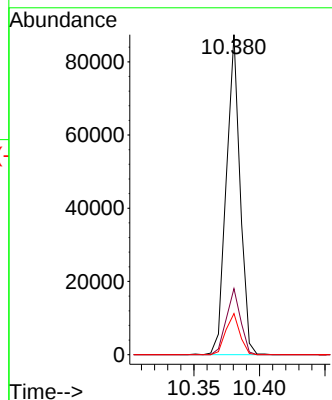
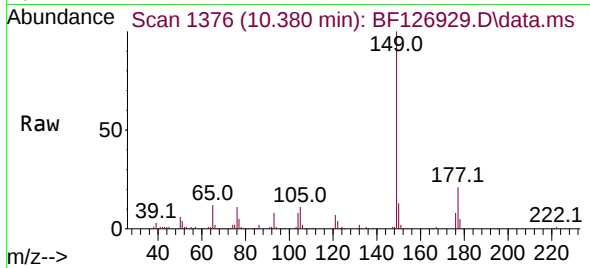




#60
Diethylphthalate
Concen: 3.775 ng
RT: 10.380 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126929.D
Acq: 17 Feb 2022 16:19

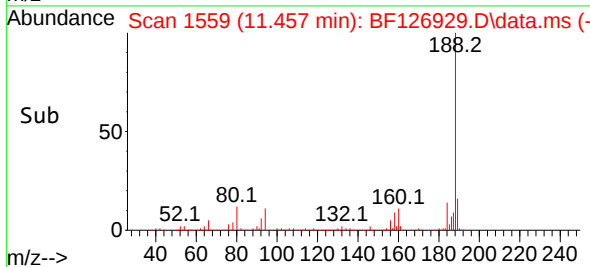
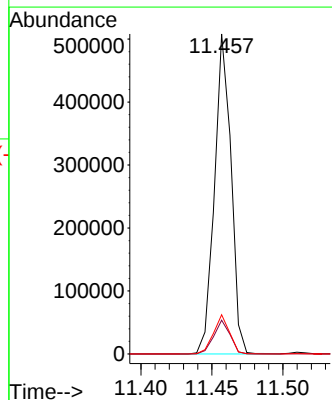
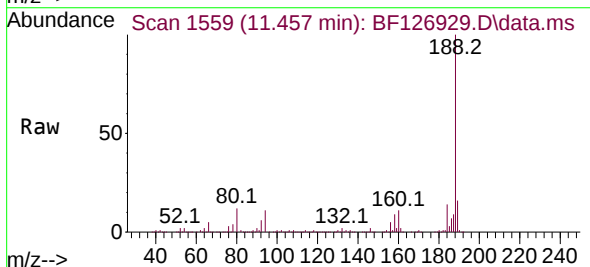
Instrument :
BNA_F
ClientSampleId :
GES-1R

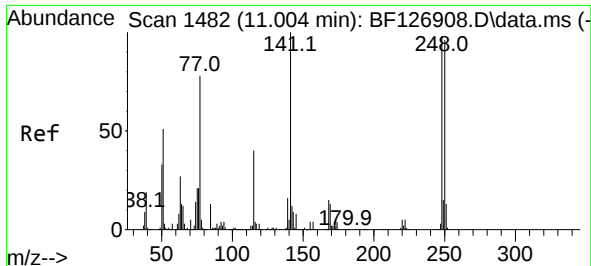
Tgt Ion:149 Resp: 63625
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.8 9.8 14.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF126929.D
Acq: 17 Feb 2022 16:19

Tgt Ion:188 Resp: 411905
Ion Ratio Lower Upper
188 100
94 10.5 10.1 15.1
80 12.3 11.8 17.6

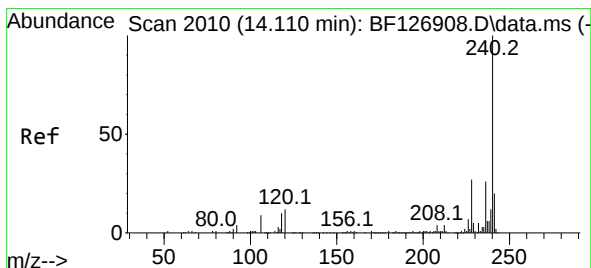
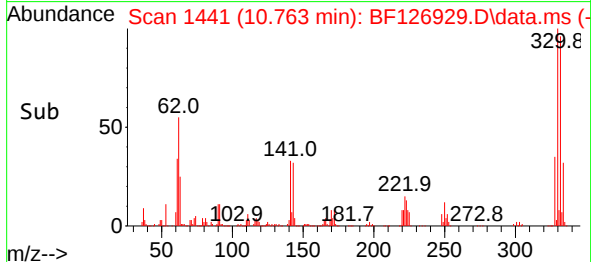
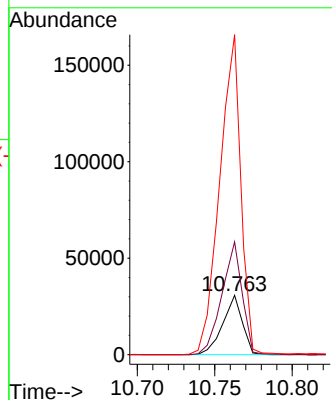
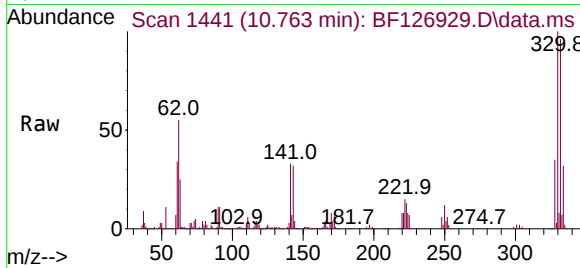




#67
4-Bromophenyl-phenylether
Concen: 5.890 ng
RT: 10.763 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF126929.D
Acq: 17 Feb 2022 16:19

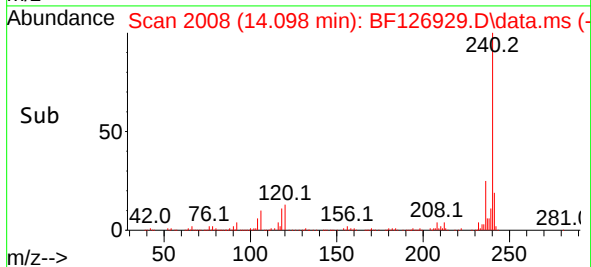
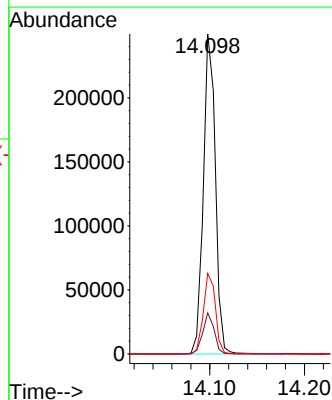
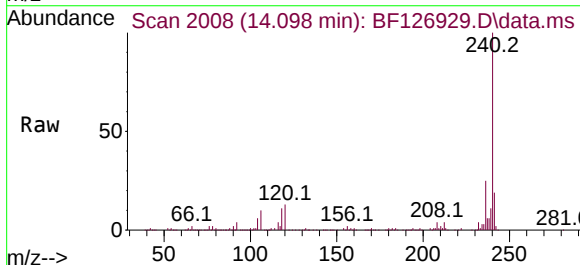
Instrument :
BNA_F
ClientSampleId :
GES-1R

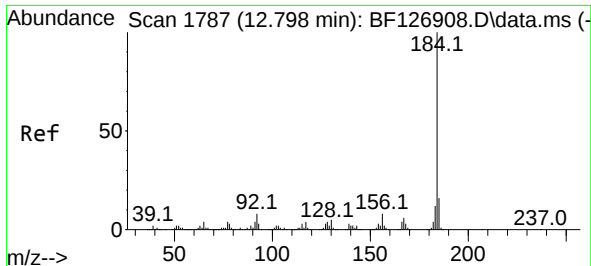
Tgt Ion:248 Resp: 27106
Ion Ratio Lower Upper
248 100
250 190.1 76.2 114.4#
141 539.1 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF126929.D
Acq: 17 Feb 2022 16:19

Tgt Ion:240 Resp: 221194
Ion Ratio Lower Upper
240 100
120 12.9 14.4 21.6#
236 25.2 20.5 30.7

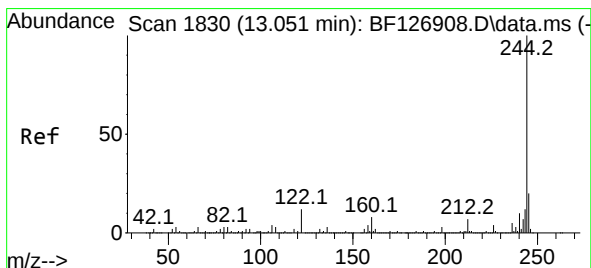
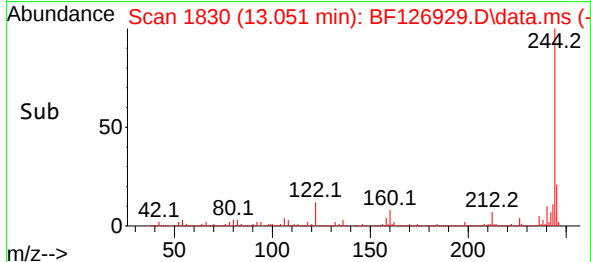
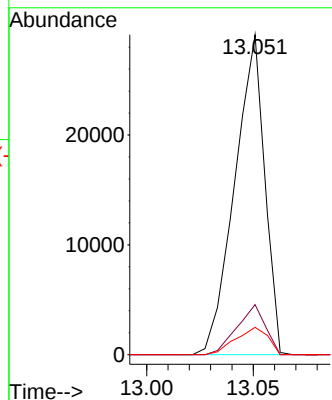
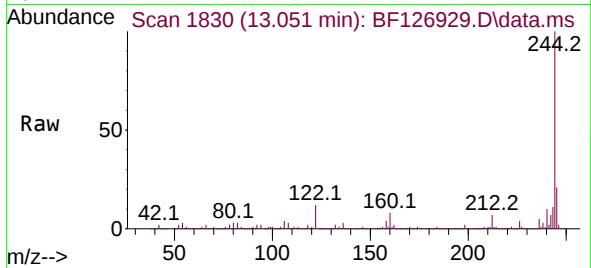




#77
Benzidine
Concen: 4.751 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.253 min
Lab File: BF126929.D
Acq: 17 Feb 2022 16:19

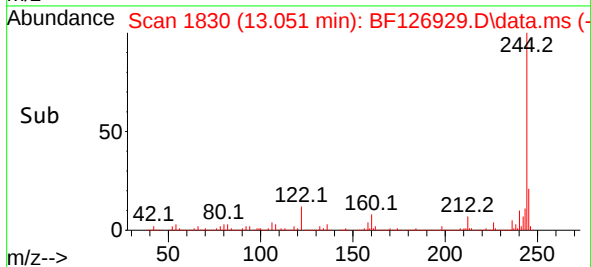
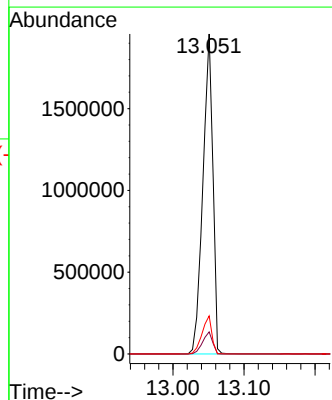
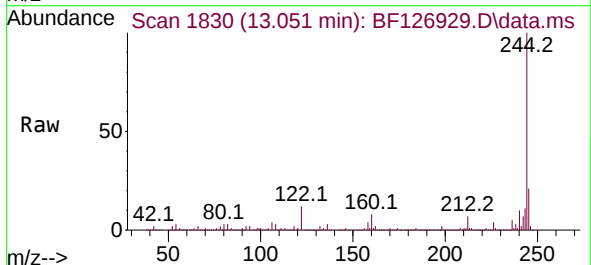
Instrument :
BNA_F
ClientSampleId :
GES-1R

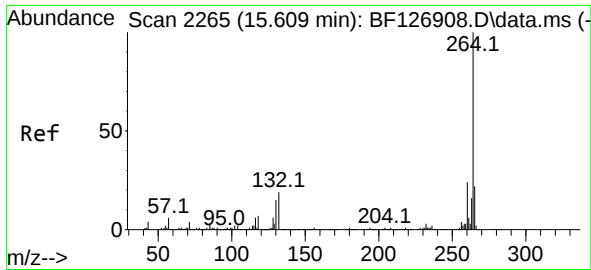
Tgt Ion:184 Resp: 28557
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.8
183 8.6 8.2 12.2



#79
Terphenyl-d14
Concen: 127.119 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF126929.D
Acq: 17 Feb 2022 16:19

Tgt Ion:244 Resp: 1912742
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 11.9 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF126929.D

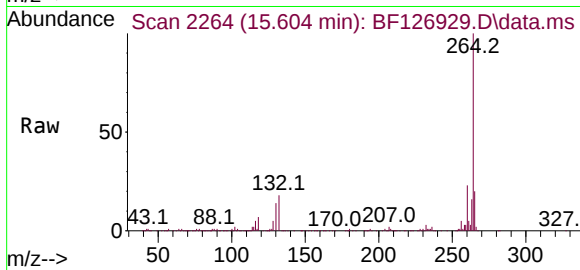
Acq: 17 Feb 2022 16:19

Instrument :

BNA_F

ClientSampleId :

GES-1R



Tgt Ion:264 Resp: 183141

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.4 17.4 26.2

