

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129412.D
 Acq On : 28 Jul 2022 16:58
 Operator : CG\JU
 Sample : N3920-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-07-27-2022

Quant Time: Jul 29 02:08:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

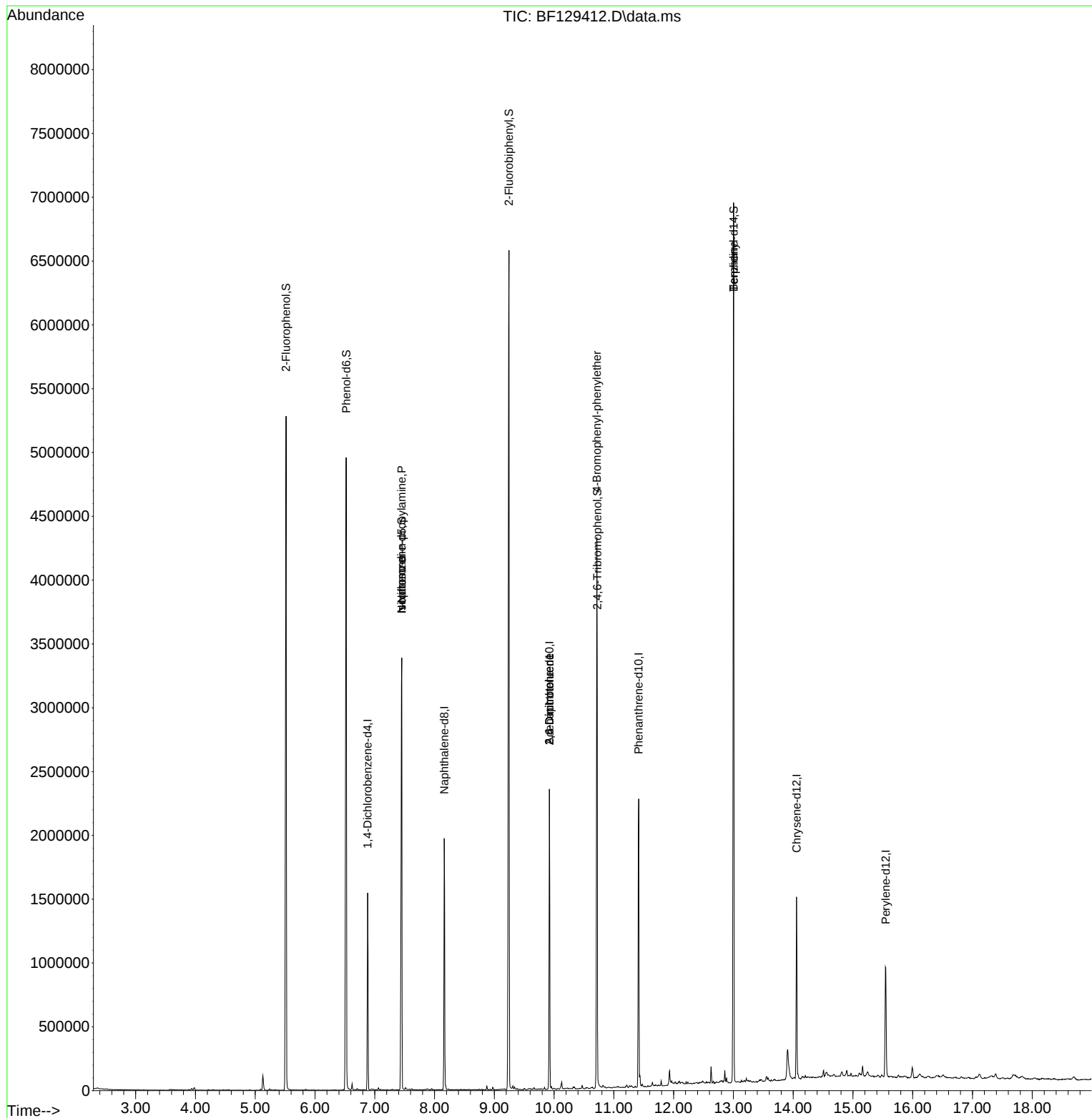
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	211226	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	844576	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	452457	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	776145	20.000	ng	0.00
76) Chrysene-d12	14.057	240	470647	20.000	ng	-0.01
86) Perylene-d12	15.551	264	385148	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1454576	112.179	ng	0.02
7) Phenol-d6	6.522	99	1895231	116.284	ng	0.00
23) Nitrobenzene-d5	7.451	82	1214309	78.486	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	519965	119.531	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2174448	74.344	ng	0.00
79) Terphenyl-d14	13.004	244	2317965	92.915	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	163527	16.573	ng	# 72
25) Isophorone	7.451	82	1213232	43.747	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	59126	8.458	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	59126	6.474	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	33157	3.901	ng	# 1
77) Benzidine	13.004	184	33453	2.012	ng	# 93

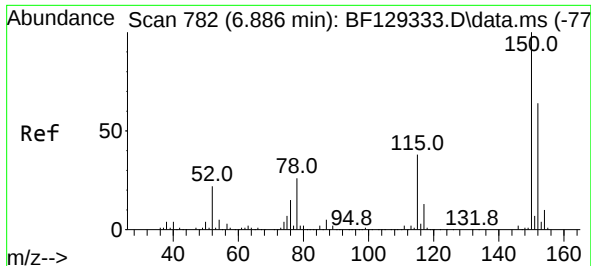
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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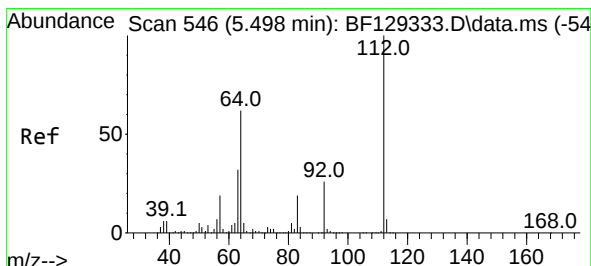
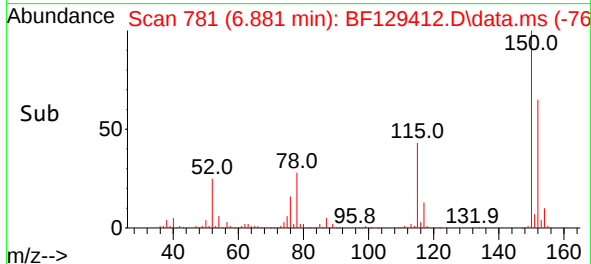
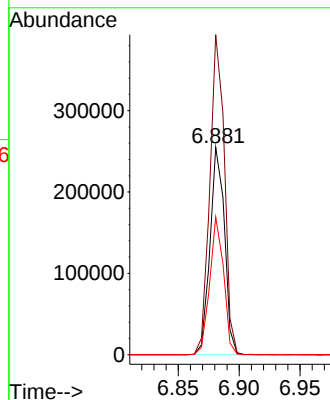
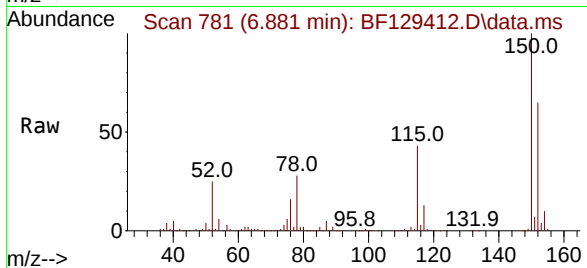




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129412.D
 Acq: 28 Jul 2022 16:58

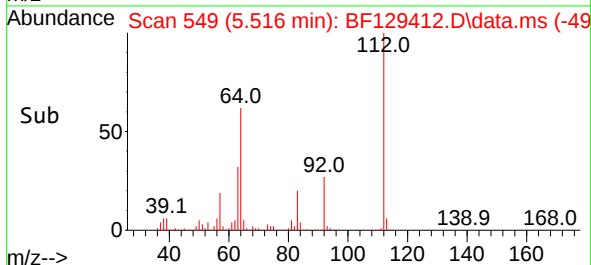
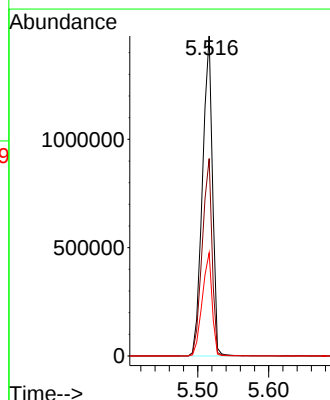
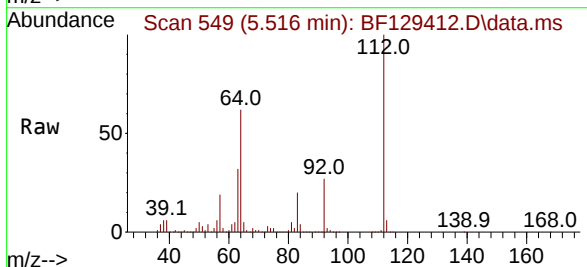
Instrument :
 BNA_F
 ClientSampleId :
 PB-07-27-2022

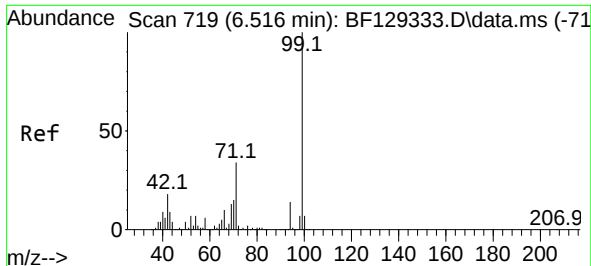
Tgt Ion:152 Resp: 211226
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.7 185.5
 115 66.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 112.179 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129412.D
 Acq: 28 Jul 2022 16:58

Tgt Ion:112 Resp: 1454576
 Ion Ratio Lower Upper
 112 100
 64 61.7 53.3 79.9
 63 32.2 28.0 42.0

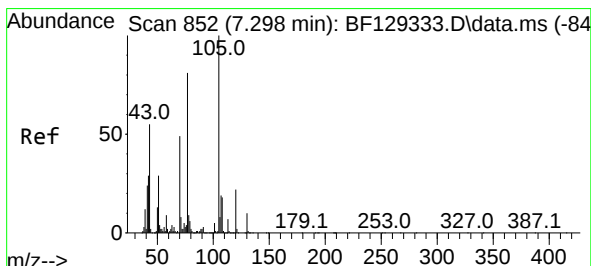
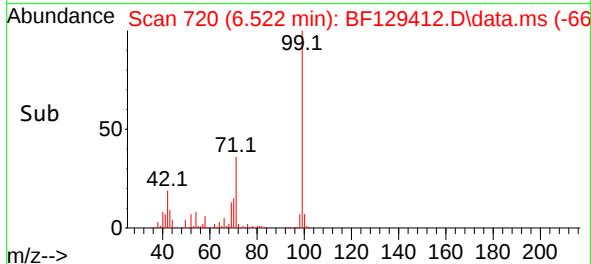
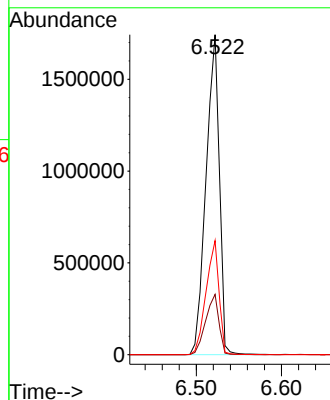
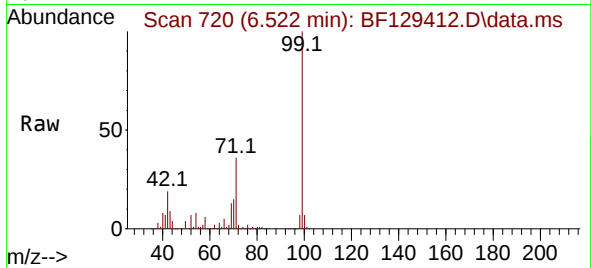




#7
Phenol-d6
Concen: 116.284 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129412.D
Acq: 28 Jul 2022 16:58

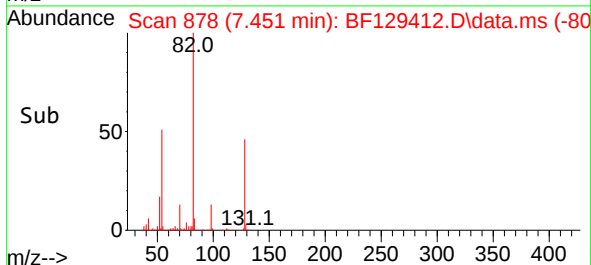
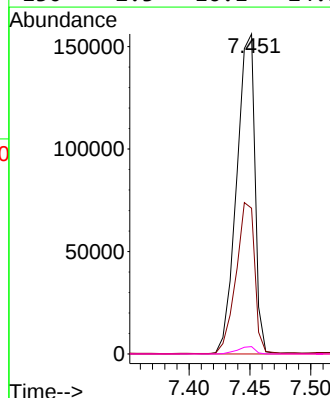
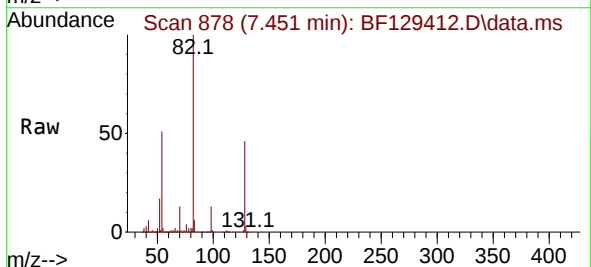
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022

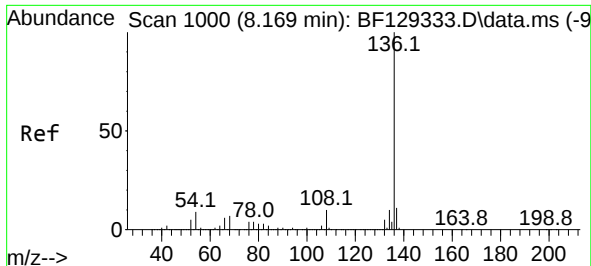
Tgt Ion: 99 Resp: 1895231
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 35.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.573 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129412.D
Acq: 28 Jul 2022 16:58

Tgt Ion: 70 Resp: 163527
Ion Ratio Lower Upper
70 100
42 45.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



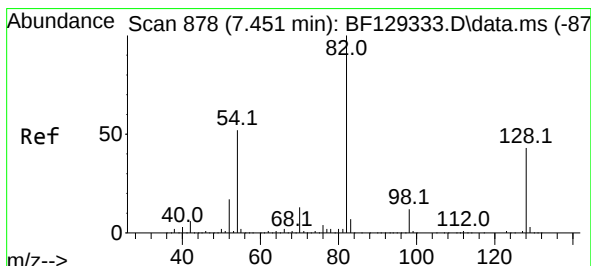
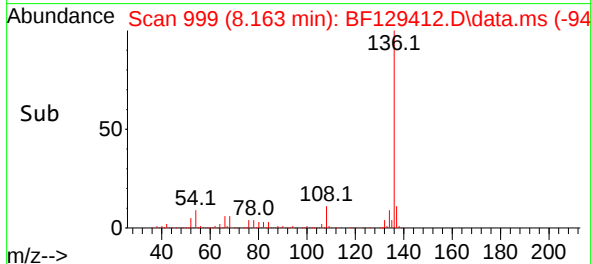
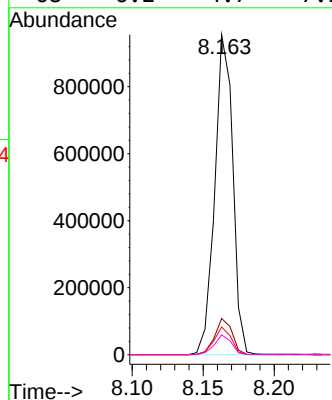
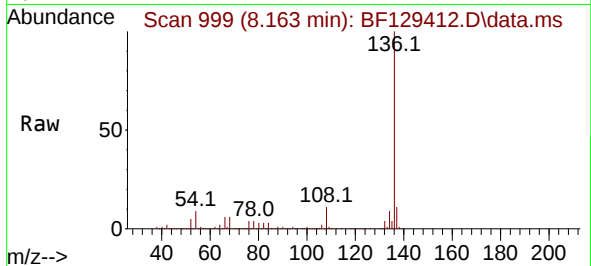


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129412.D
Acq: 28 Jul 2022 16:58

Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022

Tgt Ion:136 Resp: 844576

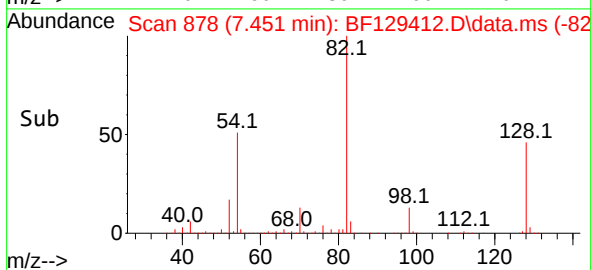
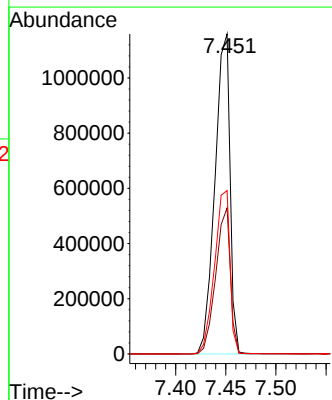
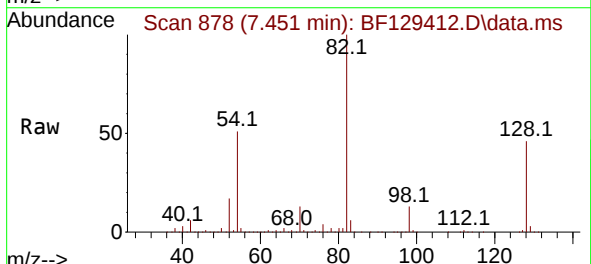
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.7	7.5	11.3
68	6.2	4.7	7.1

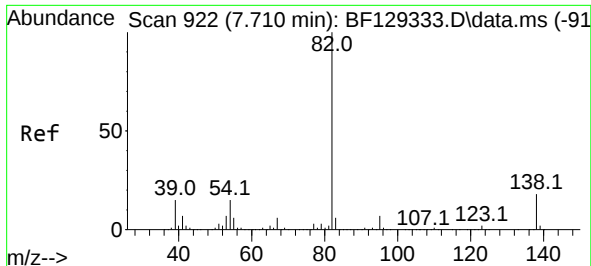


#23
Nitrobenzene-d5
Concen: 78.486 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129412.D
Acq: 28 Jul 2022 16:58

Tgt Ion: 82 Resp: 1214309

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.0	51.0
54	51.1	46.9	70.3

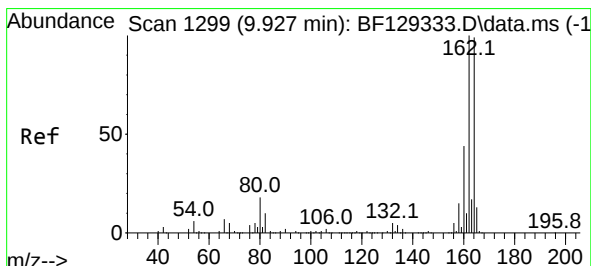
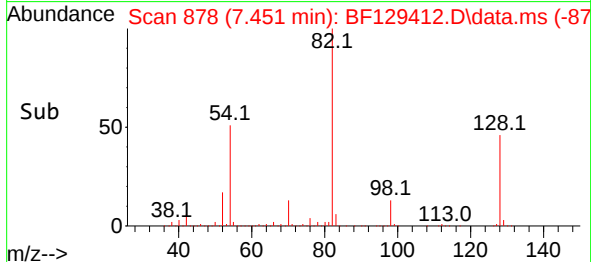
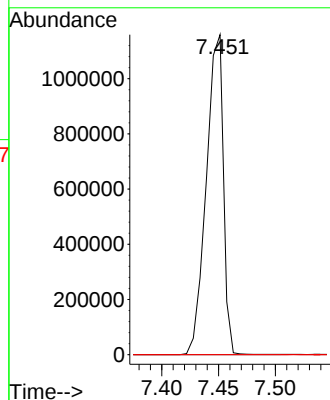
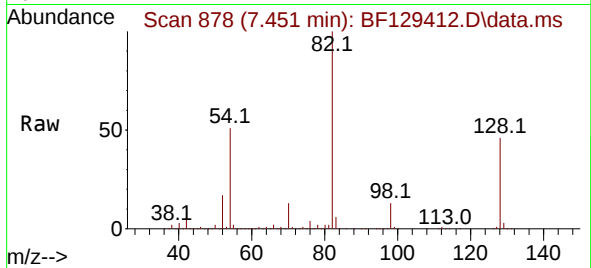




#25
Isophorone
Concen: 43.747 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129412.D
Acq: 28 Jul 2022 16:58

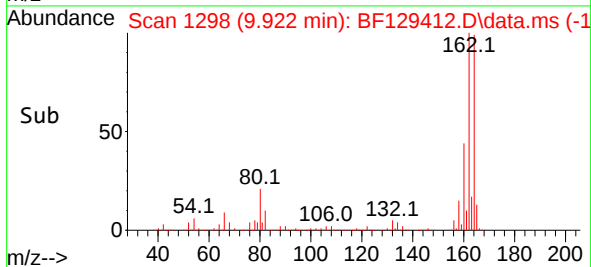
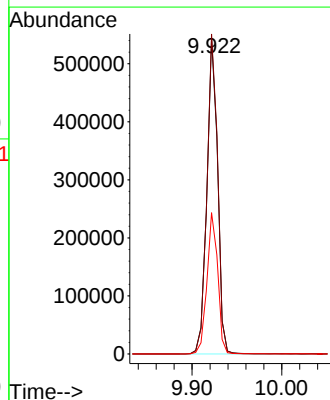
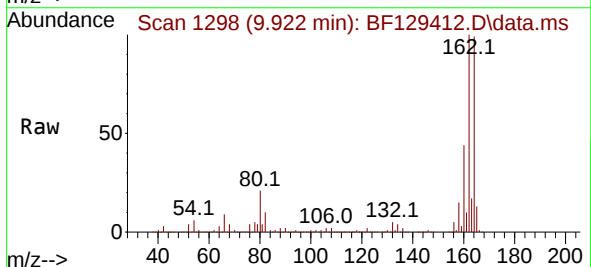
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022

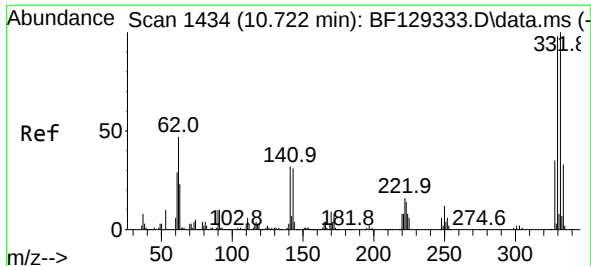
Tgt Ion: 82 Resp: 1213232
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129412.D
Acq: 28 Jul 2022 16:58

Tgt Ion:164 Resp: 452457
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 119.531 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129412.D

Acq: 28 Jul 2022 16:58

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022

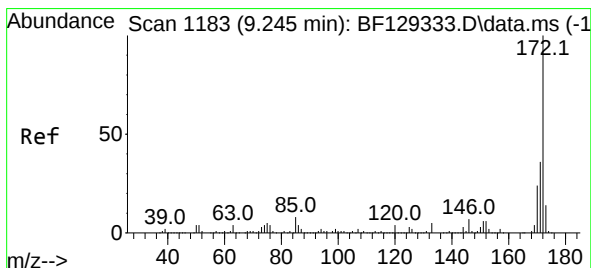
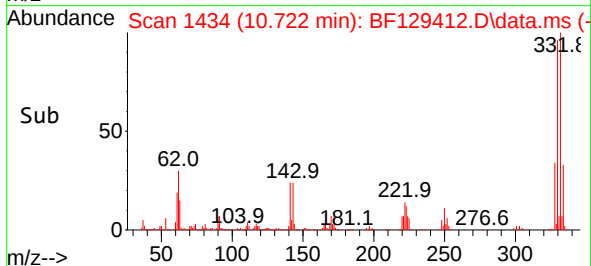
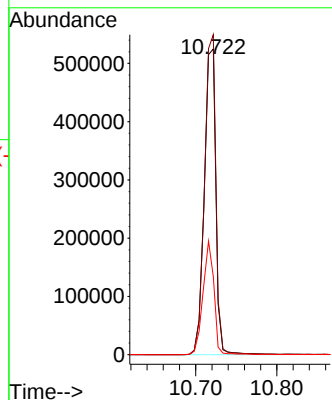
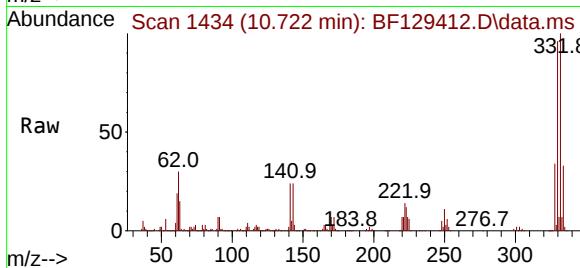
Tgt Ion:330 Resp: 519965

Ion Ratio Lower Upper

330 100

332 102.7 76.8 115.2

141 35.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 74.344 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129412.D

Acq: 28 Jul 2022 16:58

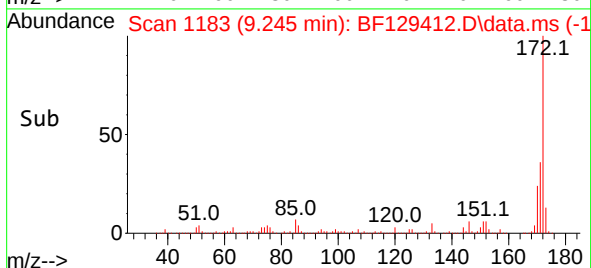
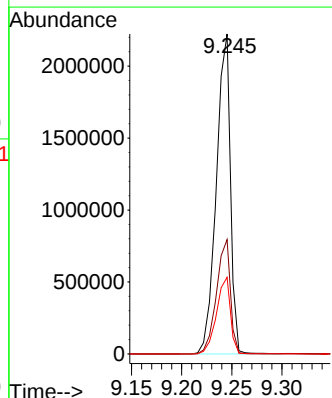
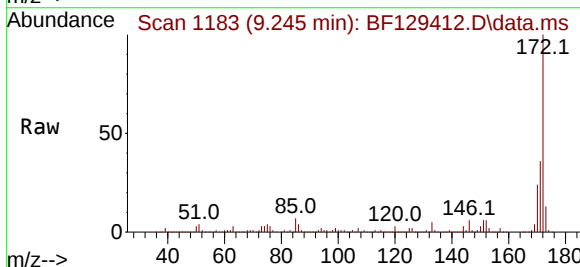
Tgt Ion:172 Resp: 2174448

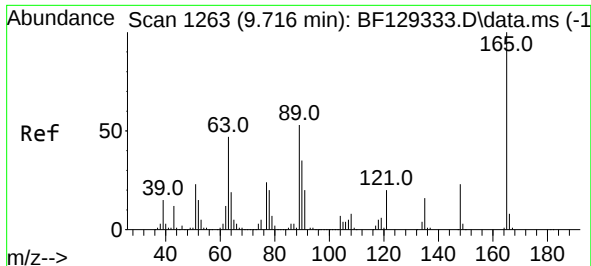
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.9 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.458 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129412.D

Acq: 28 Jul 2022 16:58

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022

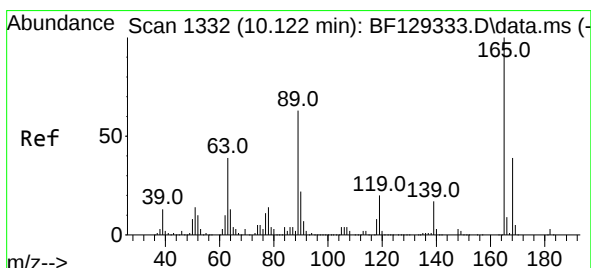
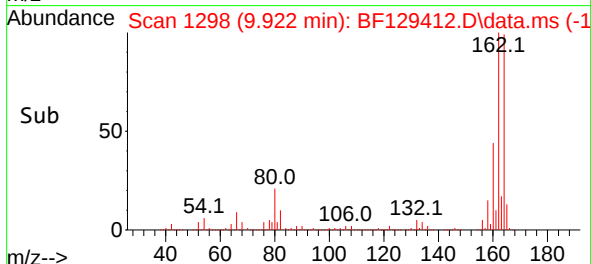
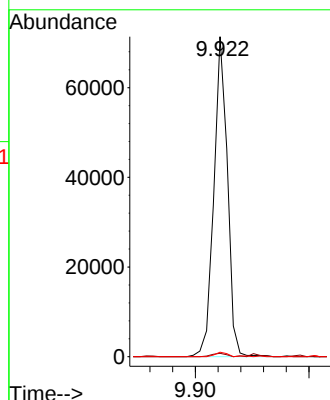
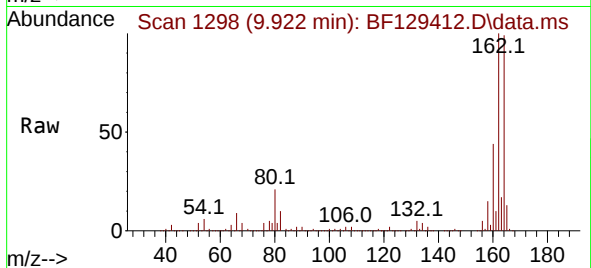
Tgt Ion:165 Resp: 59126

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.474 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129412.D

Acq: 28 Jul 2022 16:58

Tgt Ion:165 Resp: 59126

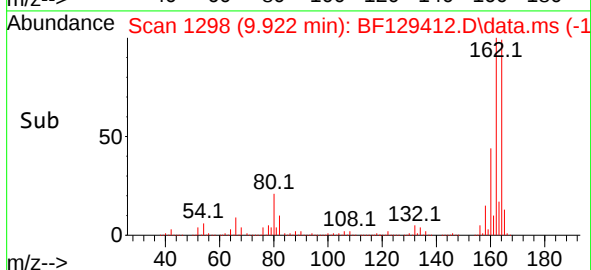
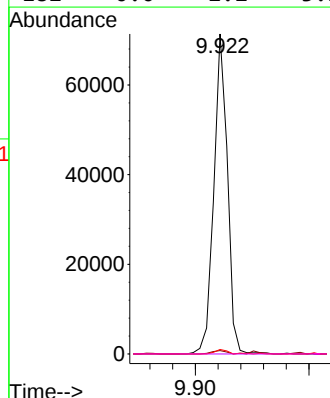
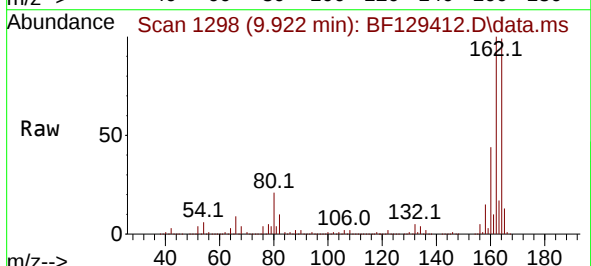
Ion Ratio Lower Upper

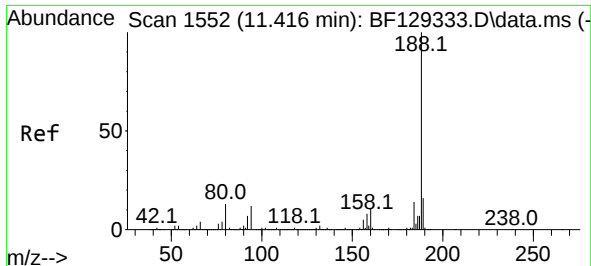
165 100

63 1.1 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#

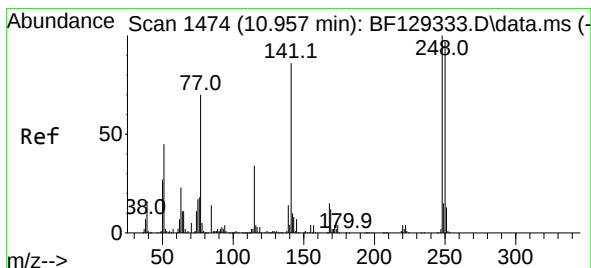
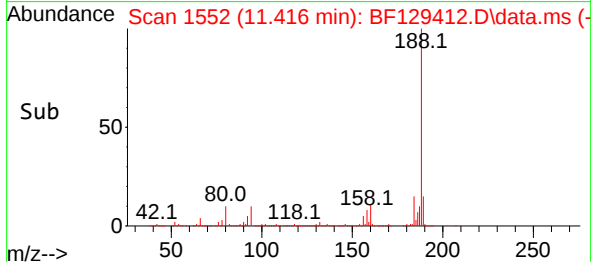
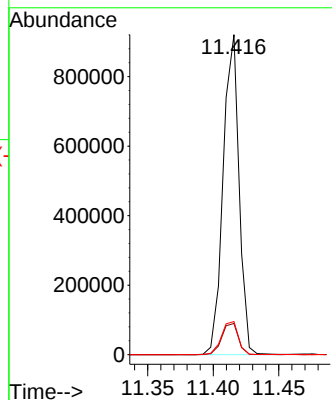
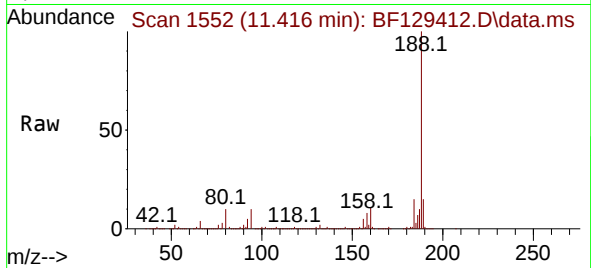




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129412.D
Acq: 28 Jul 2022 16:58

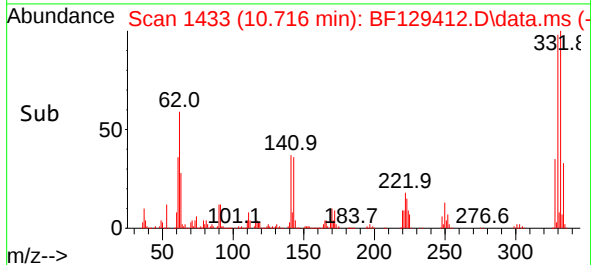
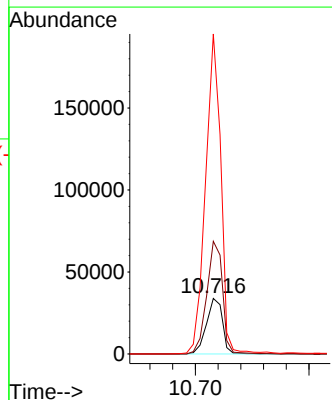
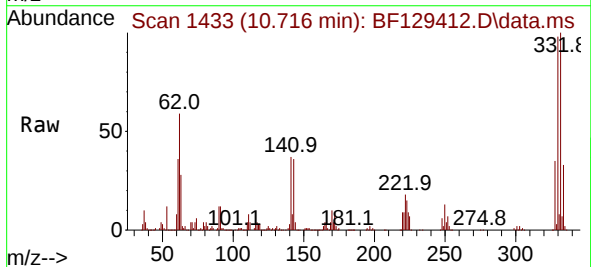
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022

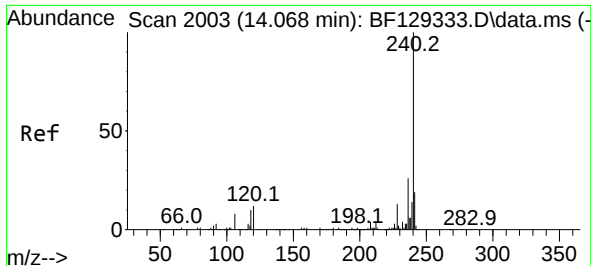
Tgt Ion:188 Resp: 776145
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.4 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.901 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129412.D
Acq: 28 Jul 2022 16:58

Tgt Ion:248 Resp: 33157
Ion Ratio Lower Upper
248 100
250 202.8 80.6 120.8#
141 575.7 58.9 88.3#

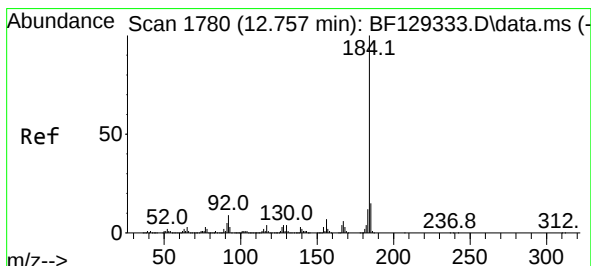
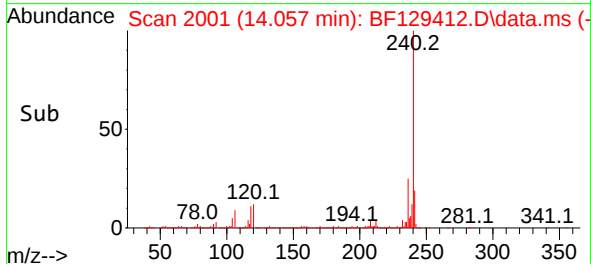
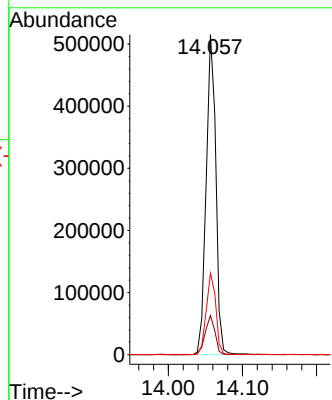
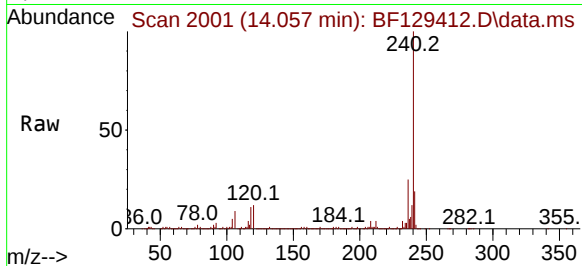




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129412.D
Acq: 28 Jul 2022 16:58

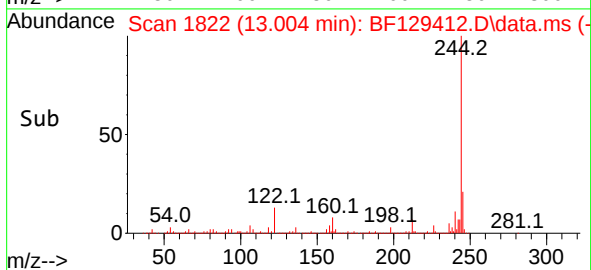
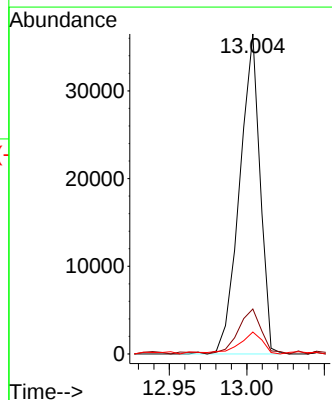
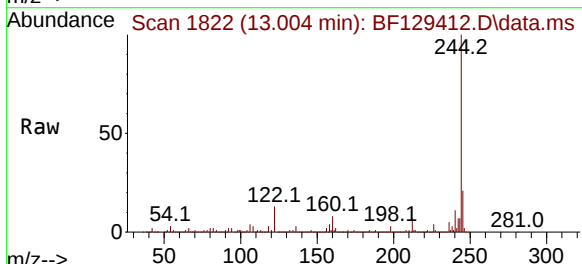
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022

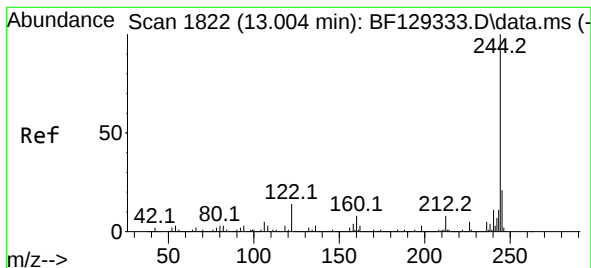
Tgt Ion:240 Resp: 470647
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.4 20.8 31.2



#77
Benzidine
Concen: 2.012 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129412.D
Acq: 28 Jul 2022 16:58

Tgt Ion:184 Resp: 33453
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 6.8 9.3 13.9#





#79

Terphenyl-d14

Concen: 92.915 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF129412.D

Acq: 28 Jul 2022 16:58

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022

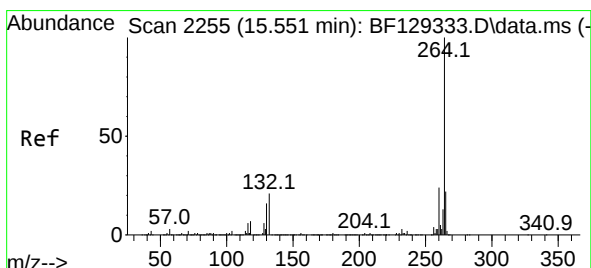
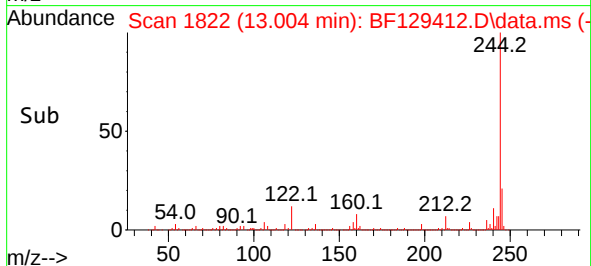
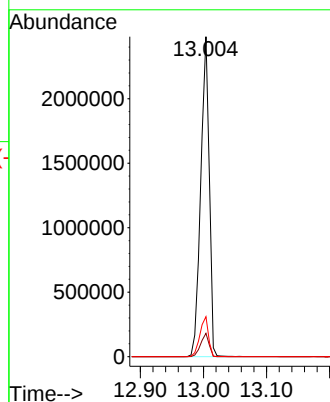
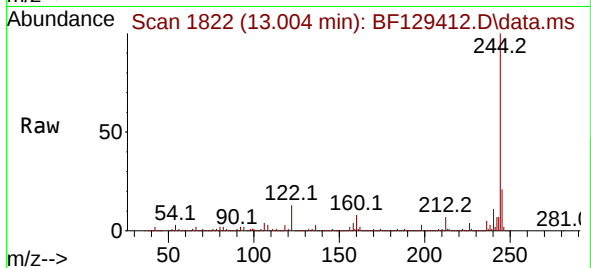
Tgt Ion:244 Resp: 2317965

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 12.5 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2255

Delta R.T. 0.000 min

Lab File: BF129412.D

Acq: 28 Jul 2022 16:58

Tgt Ion:264 Resp: 385148

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 22.5 17.2 25.8

