

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129103.D
 Acq On : 01 Jul 2022 20:58
 Operator : CG\JU
 Sample : N3538-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GS-4A

Quant Time: Jul 02 01:27:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

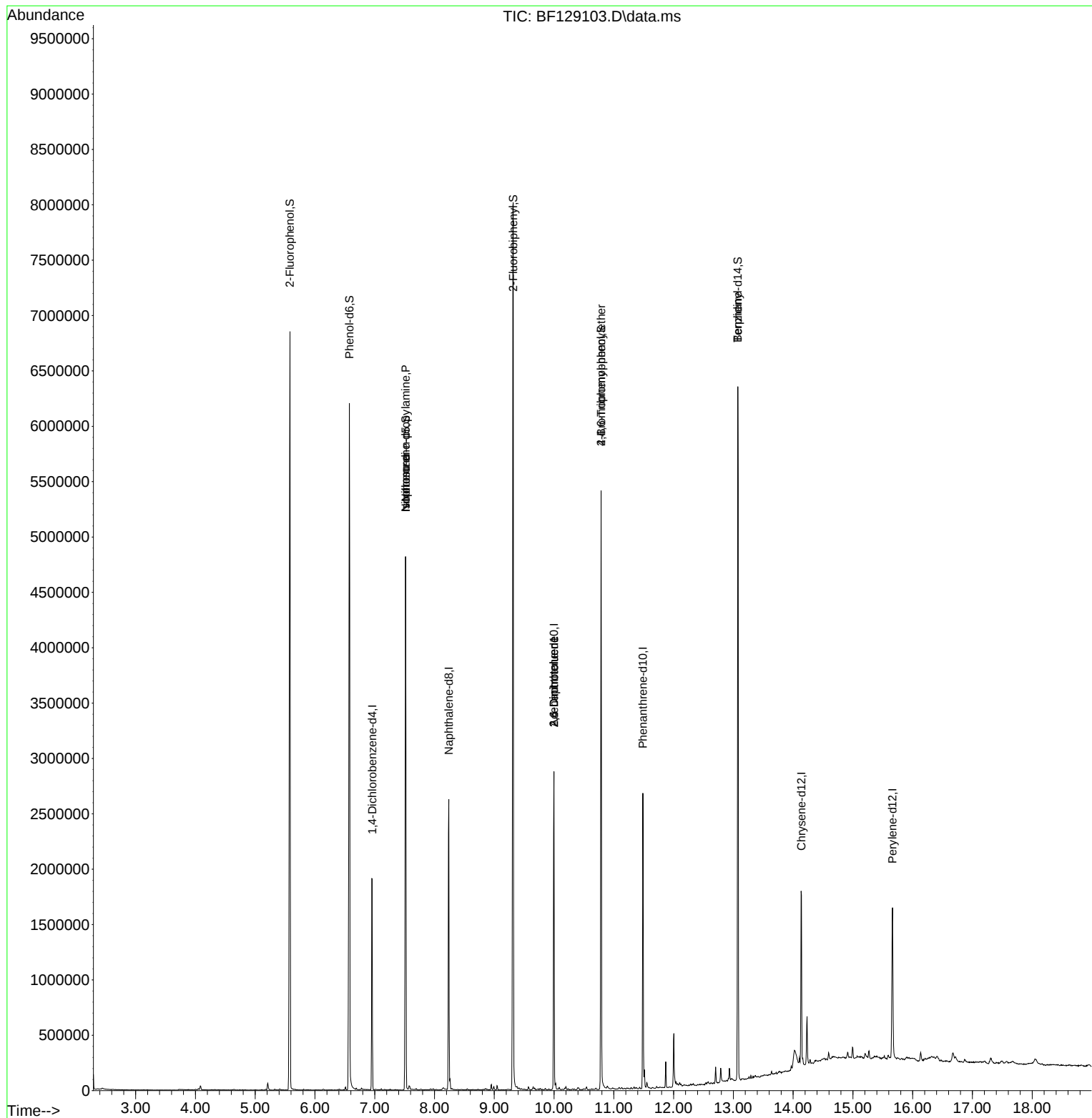
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	300274	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	1127264	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	567599	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	920116	20.000	ng	#-0.01
76) Chrysene-d12	14.139	240	560865	20.000	ng	-0.01
86) Perylene-d12	15.663	264	629610	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2002650	112.755	ng	0.00
7) Phenol-d6	6.575	99	2495477	113.129	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1543651	81.679	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	643875	104.325	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	2684256	75.656	ng	0.00
79) Terphenyl-d14	13.074	244	2164168	80.129	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	716	Below Cal	#	51
19) n-Nitroso-di-n-propyla...	7.516	70	204696	16.041	ng	# 71
25) Isophorone	7.516	82	1514264	47.409	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	73119	10.077	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	73258	8.178	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	38539	3.938	ng	# 1
77) Benizidine	13.074	184	28444	2.848	ng	# 89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129103.D
Acq On : 01 Jul 2022 20:58
Operator : CG\JU
Sample : N3538-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GS-4A

Quant Time: Jul 02 01:27:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

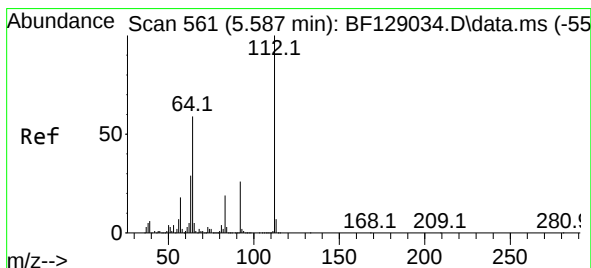
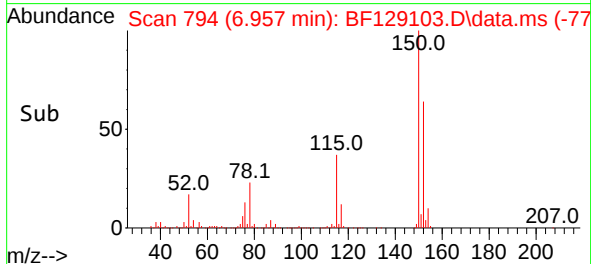
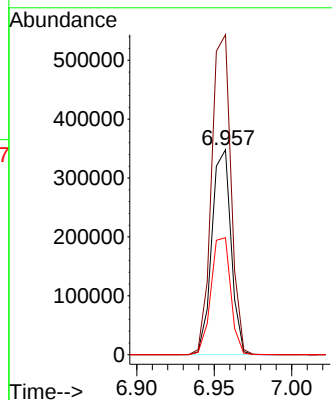
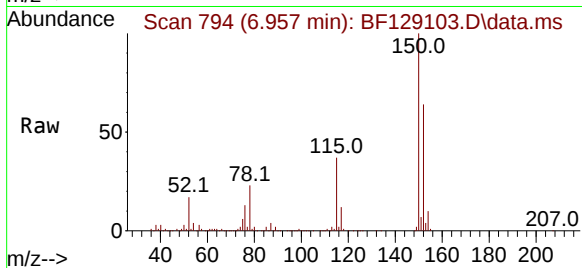




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129103.D
Acq: 01 Jul 2022 20:58

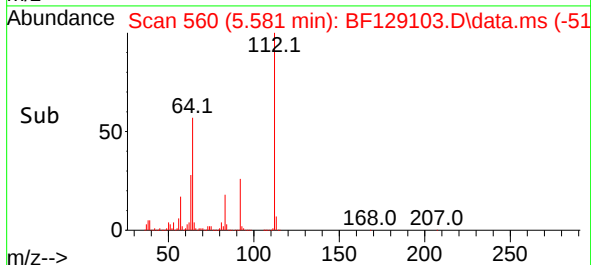
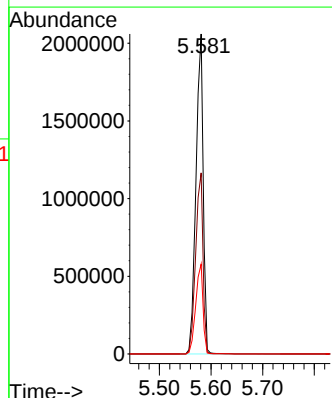
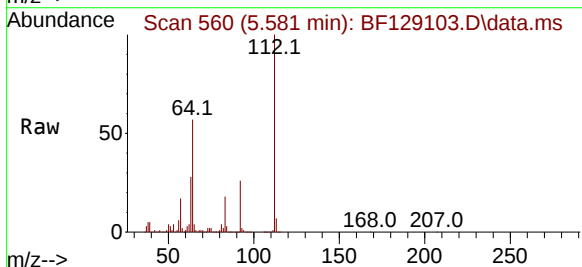
Instrument :
BNA_F
ClientSampleId :
GS-4A

Tgt Ion:152 Resp: 300274
Ion Ratio Lower Upper
152 100
150 156.1 123.7 185.5
115 57.0 49.9 74.9



#5
2-Fluorophenol
Concen: 112.755 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129103.D
Acq: 01 Jul 2022 20:58

Tgt Ion:112 Resp: 2002650
Ion Ratio Lower Upper
112 100
64 56.6 53.3 79.9
63 28.1 28.0 42.0





#7
Phenol-d6
Concen: 113.129 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129103.D
Acq: 01 Jul 2022 20:58

Instrument :

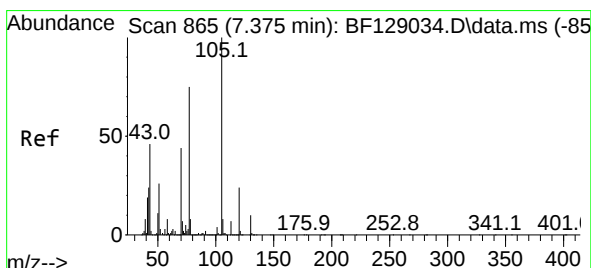
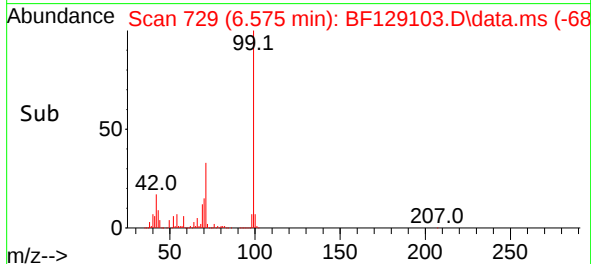
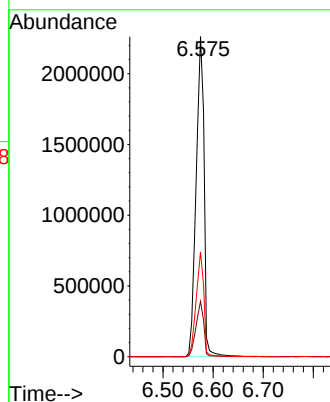
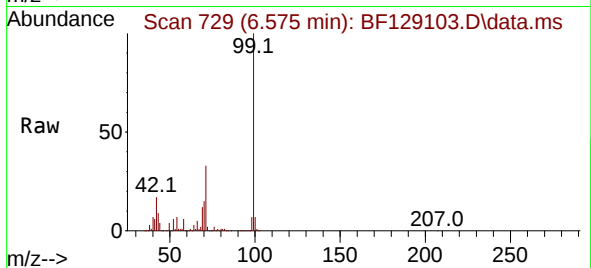
BNA_F

ClientSampleId :

GS-4A

Tgt Ion: 99 Resp: 2495477

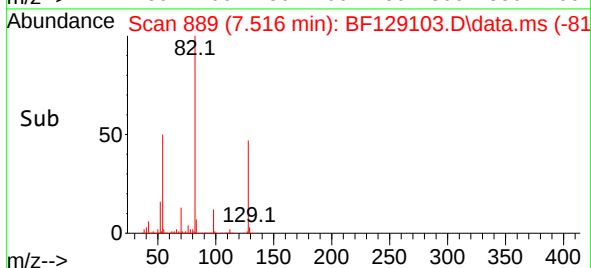
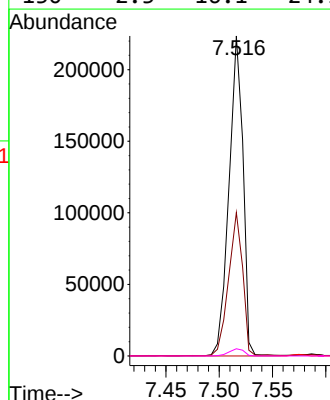
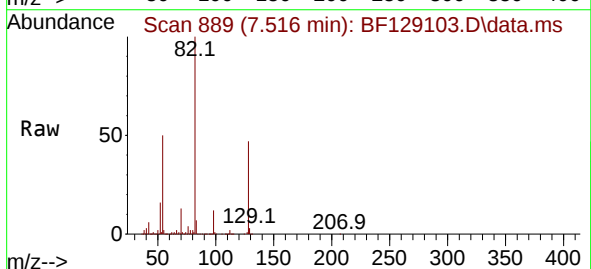
Ion	Ratio	Lower	Upper
99	100		
42	17.3	17.3	25.9
71	32.8	28.9	43.3

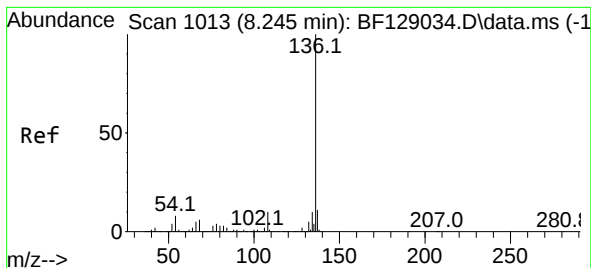


#19
n-Nitroso-di-n-propylamine
Concen: 16.041 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129103.D
Acq: 01 Jul 2022 20:58

Tgt Ion: 70 Resp: 204696

Ion	Ratio	Lower	Upper
70	100		
42	44.8	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: 8.240 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF129103.D

Acq: 01 Jul 2022 20:58

Instrument :

BNA_F

ClientSampleId :

GS-4A

Tgt Ion:136 Resp: 1127264

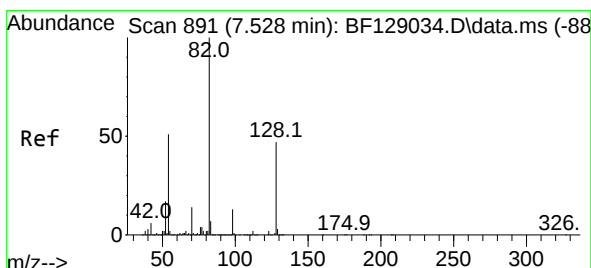
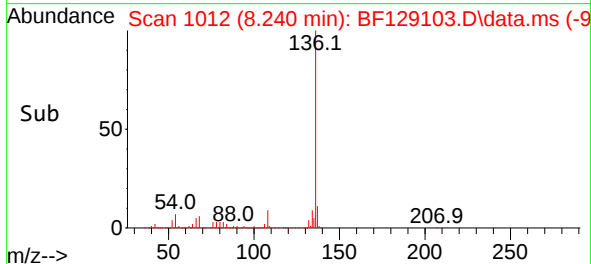
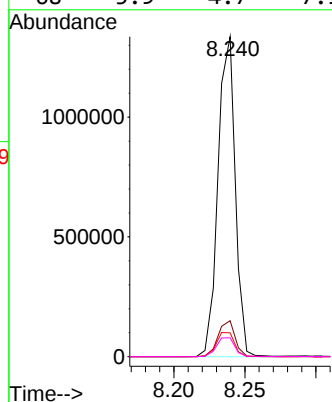
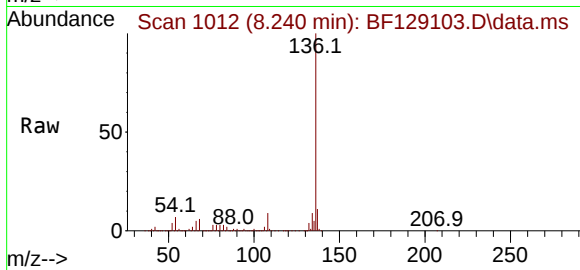
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.5 7.5 11.3#

68 5.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 81.679 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF129103.D

Acq: 01 Jul 2022 20:58

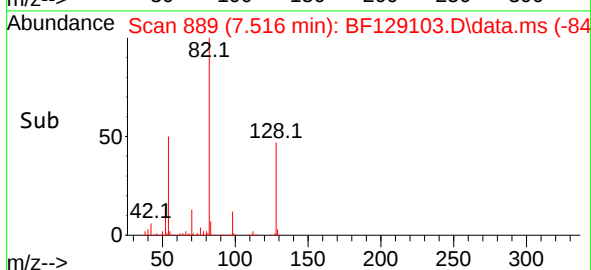
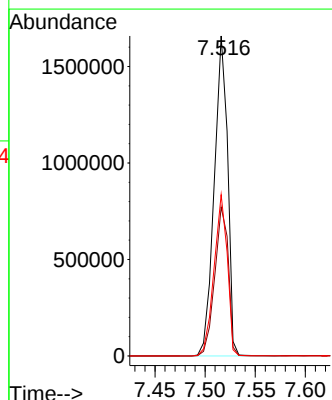
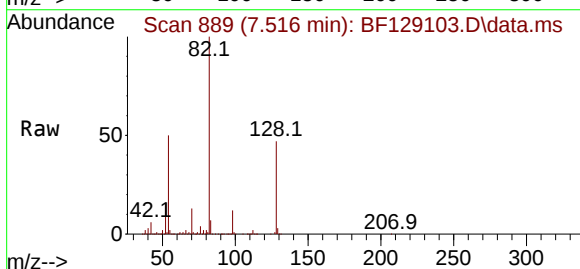
Tgt Ion: 82 Resp: 1543651

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

54 50.4 46.9 70.3

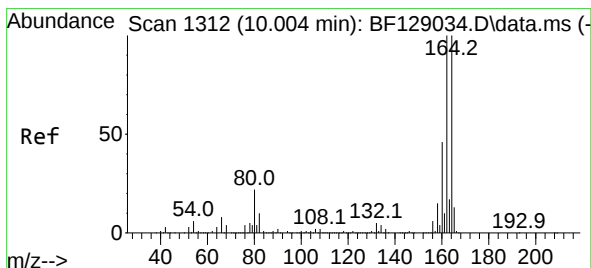
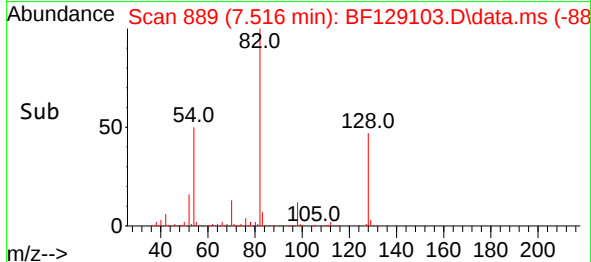
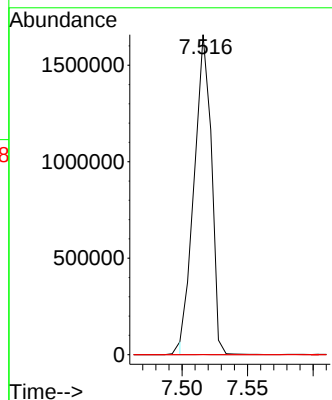
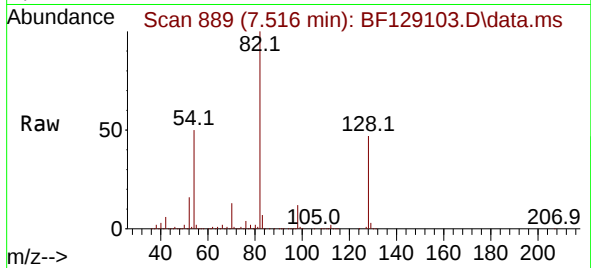




#25
Isophorone
Concen: 47.409 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129103.D
Acq: 01 Jul 2022 20:58

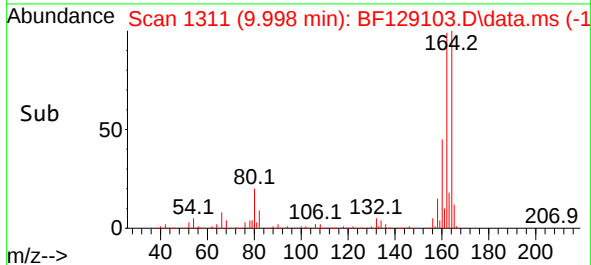
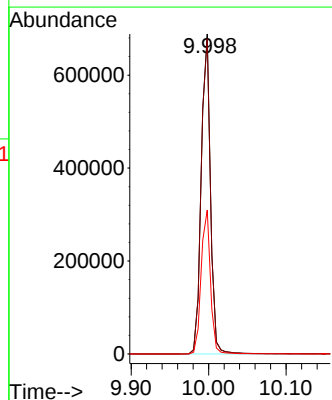
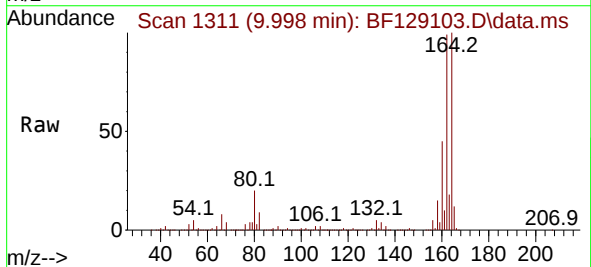
Instrument :
BNA_F
ClientSampleId :
GS-4A

Tgt Ion: 82 Resp: 1514264
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: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129103.D
Acq: 01 Jul 2022 20:58

Tgt Ion:164 Resp: 567599
Ion Ratio Lower Upper
164 100
162 98.5 79.5 119.3
160 45.0 34.2 51.4

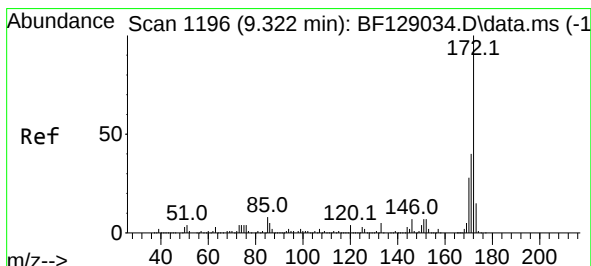
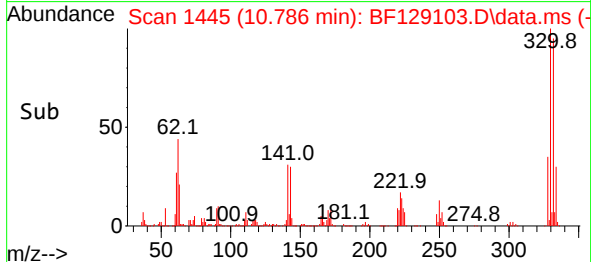
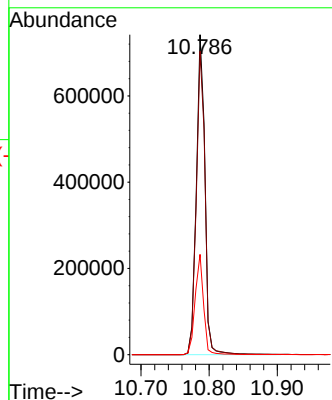
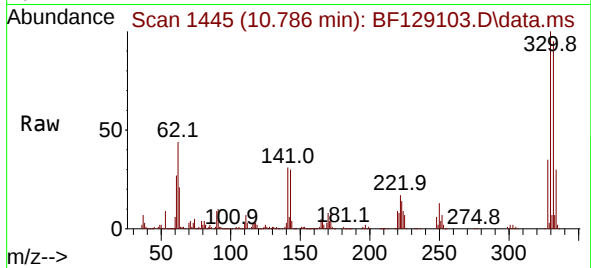




#42
2,4,6-Tribromophenol
Concen: 104.325 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129103.D
Acq: 01 Jul 2022 20:58

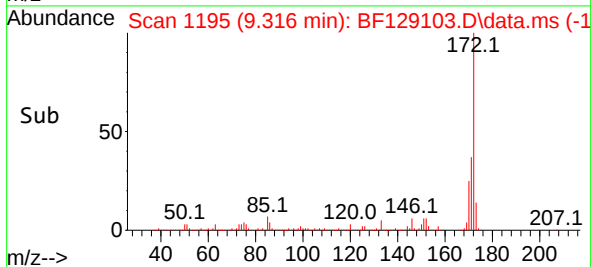
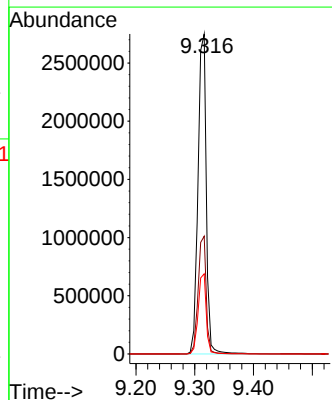
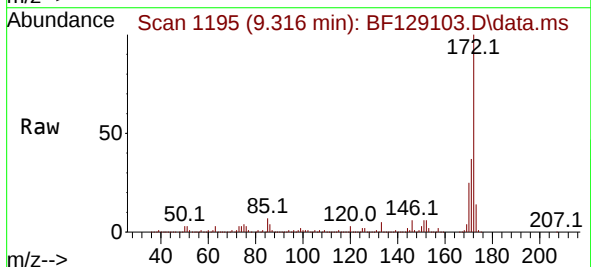
Instrument :
BNA_F
ClientSampleId :
GS-4A

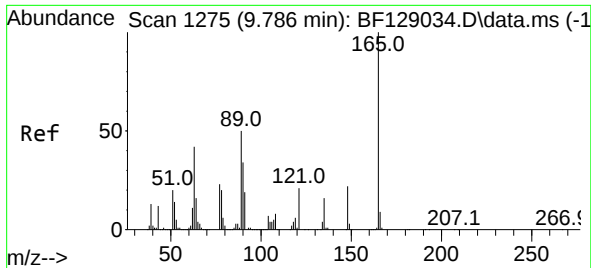
Tgt Ion:330 Resp: 643875
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 30.8 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 75.656 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129103.D
Acq: 01 Jul 2022 20:58

Tgt Ion:172 Resp: 2684256
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 25.1 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.077 ng

RT: 9.998 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF129103.D

Acq: 01 Jul 2022 20:58

Instrument :

BNA_F

ClientSampleId :

GS-4A

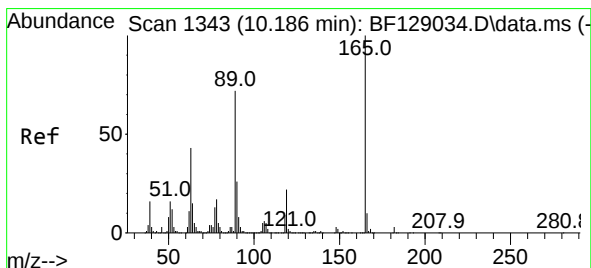
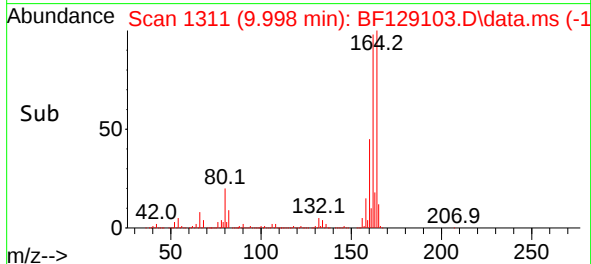
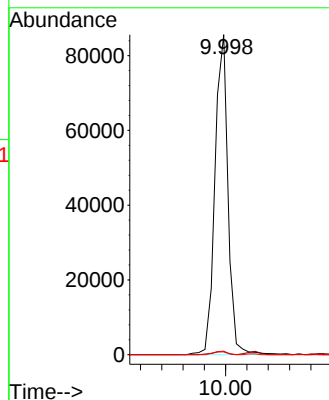
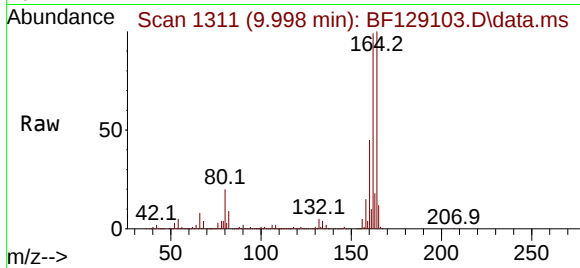
Tgt Ion:165 Resp: 73119

Ion Ratio Lower Upper

165 100

63 0.9 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 8.178 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.188 min

Lab File: BF129103.D

Acq: 01 Jul 2022 20:58

Tgt Ion:165 Resp: 73258

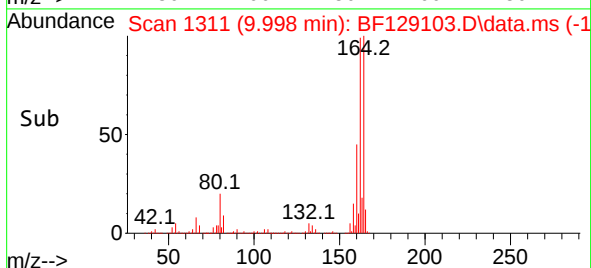
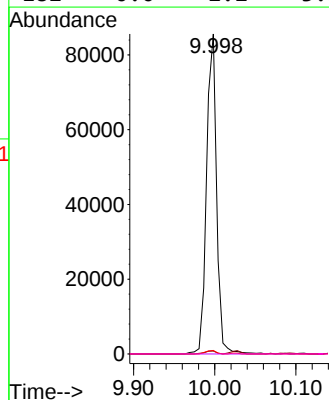
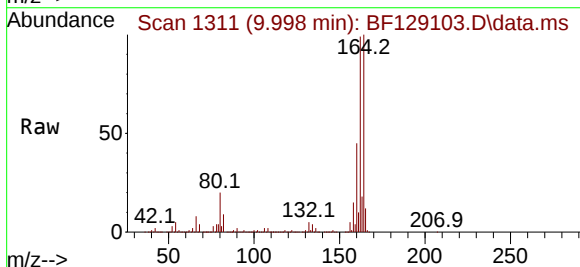
Ion Ratio Lower Upper

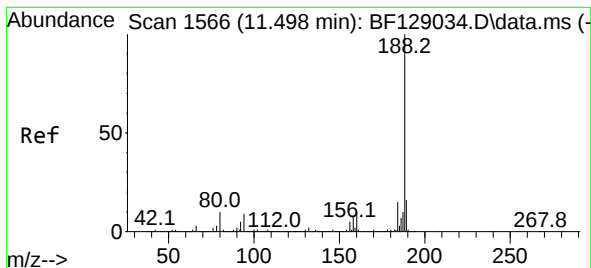
165 100

63 0.9 39.8 59.6#

89 1.1 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129103.D

Acq: 01 Jul 2022 20:58

Instrument :

BNA_F

ClientSampleId :

GS-4A

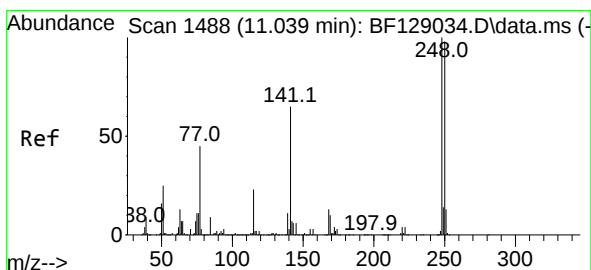
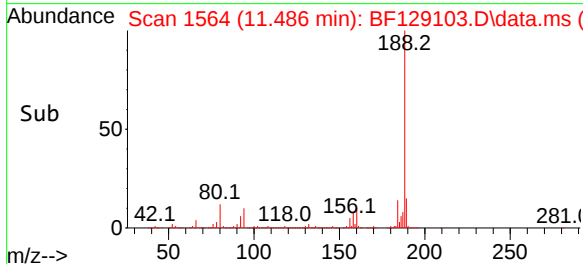
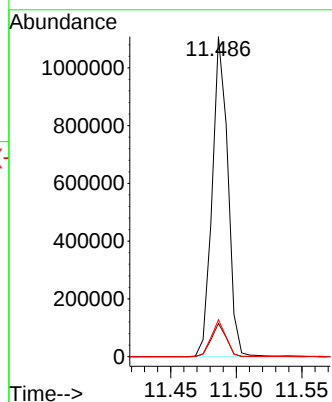
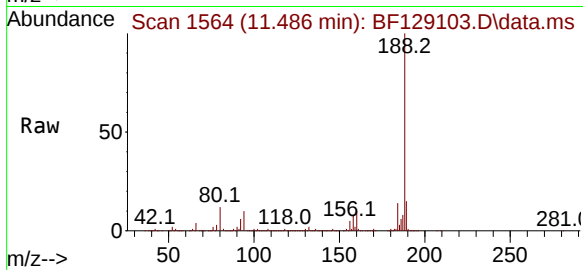
Tgt Ion:188 Resp: 920116

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 11.5 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.938 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129103.D

Acq: 01 Jul 2022 20:58

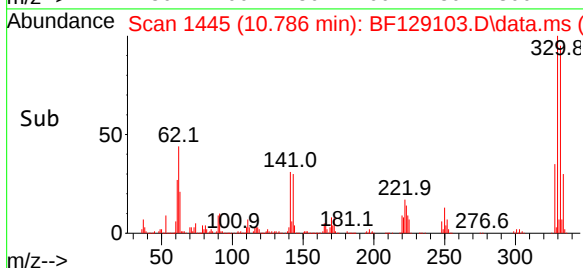
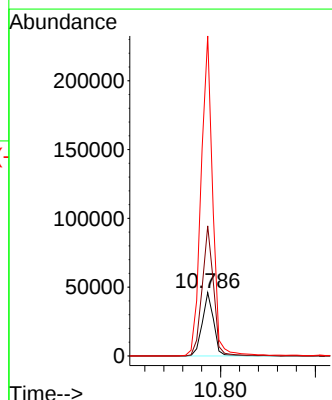
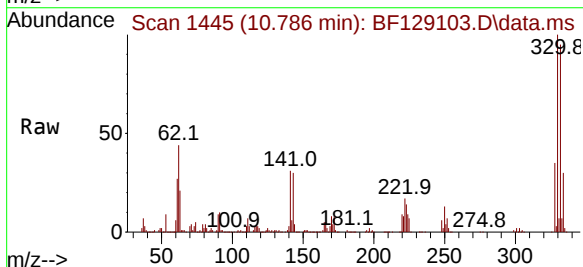
Tgt Ion:248 Resp: 38539

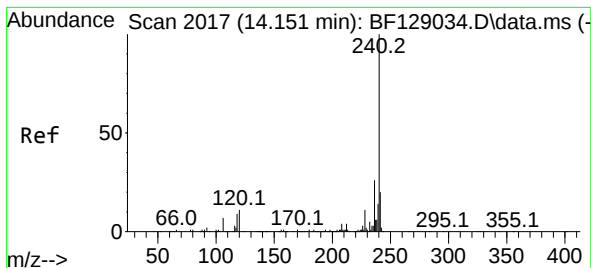
Ion Ratio Lower Upper

248 100

250 205.5 80.6 120.8#

141 505.2 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF129103.D

Acq: 01 Jul 2022 20:58

Instrument :

BNA_F

ClientSampleId :

GS-4A

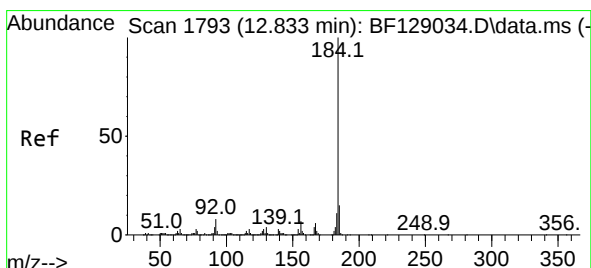
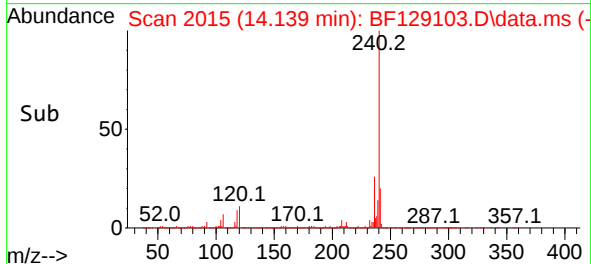
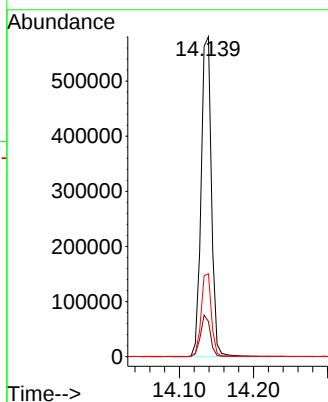
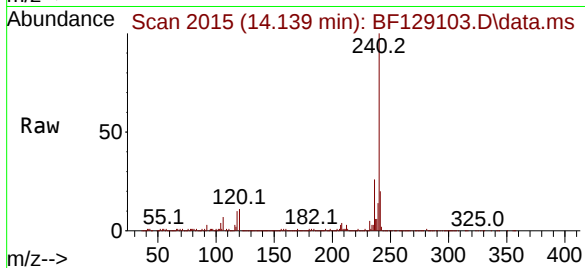
Tgt Ion:240 Resp: 560865

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 25.9 20.8 31.2



#77

Benzidine

Concen: 2.848 ng

RT: 13.074 min Scan# 1834

Delta R.T. 0.241 min

Lab File: BF129103.D

Acq: 01 Jul 2022 20:58

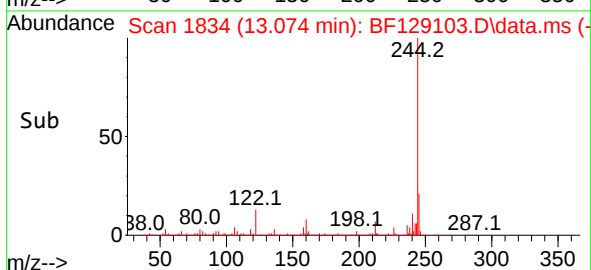
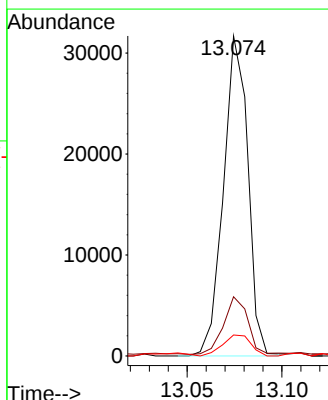
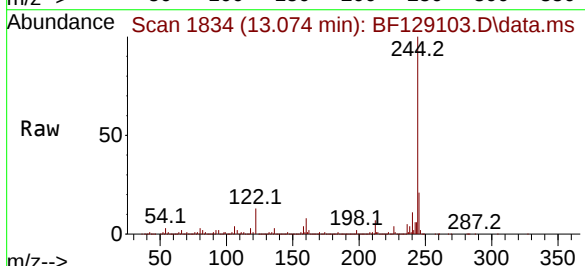
Tgt Ion:184 Resp: 28444

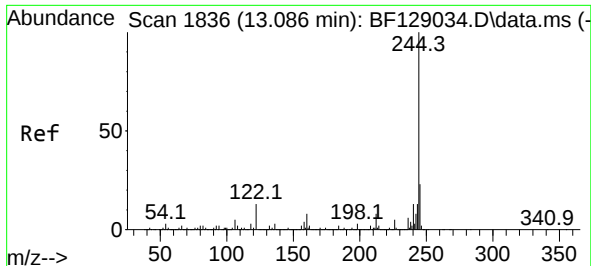
Ion Ratio Lower Upper

184 100

185 18.5 11.9 17.9#

183 6.5 9.3 13.9#

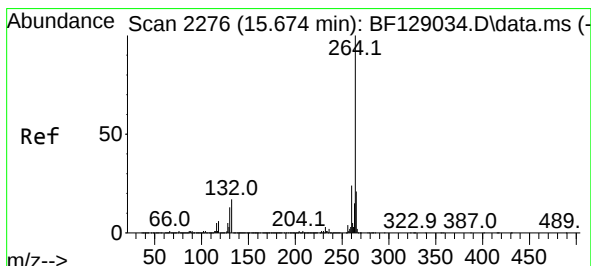
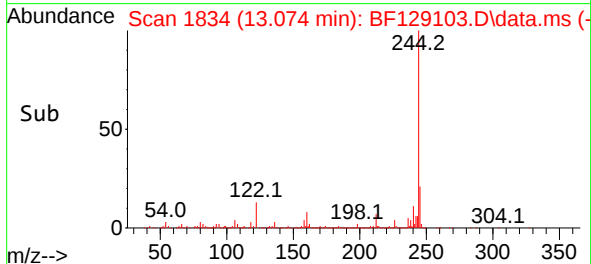
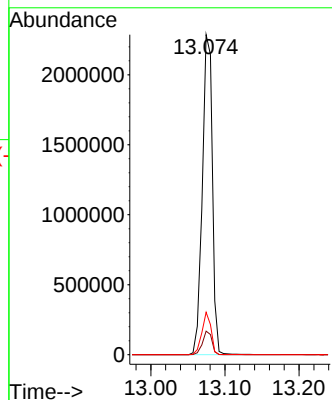
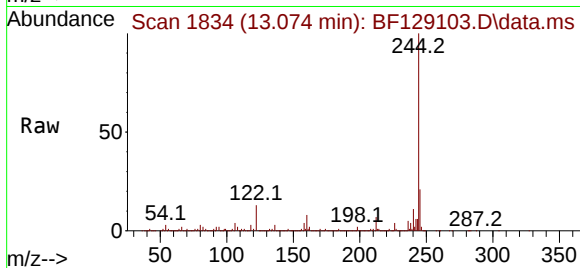




#79
 Terphenyl-d14
 Concen: 80.129 ng
 RT: 13.074 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF129103.D
 Acq: 01 Jul 2022 20:58

Instrument :
 BNA_F
 ClientSampleId :
 GS-4A

Tgt Ion:244 Resp: 2164168
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 13.2 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.663 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129103.D
 Acq: 01 Jul 2022 20:58

Tgt Ion:264 Resp: 629610
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.5 17.2 25.8

