

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125184.D
 Acq On : 24 Aug 2021 14:33
 Operator : JU/CG
 Sample : M3489-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-GROWS

Quant Time: Aug 24 15:23:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

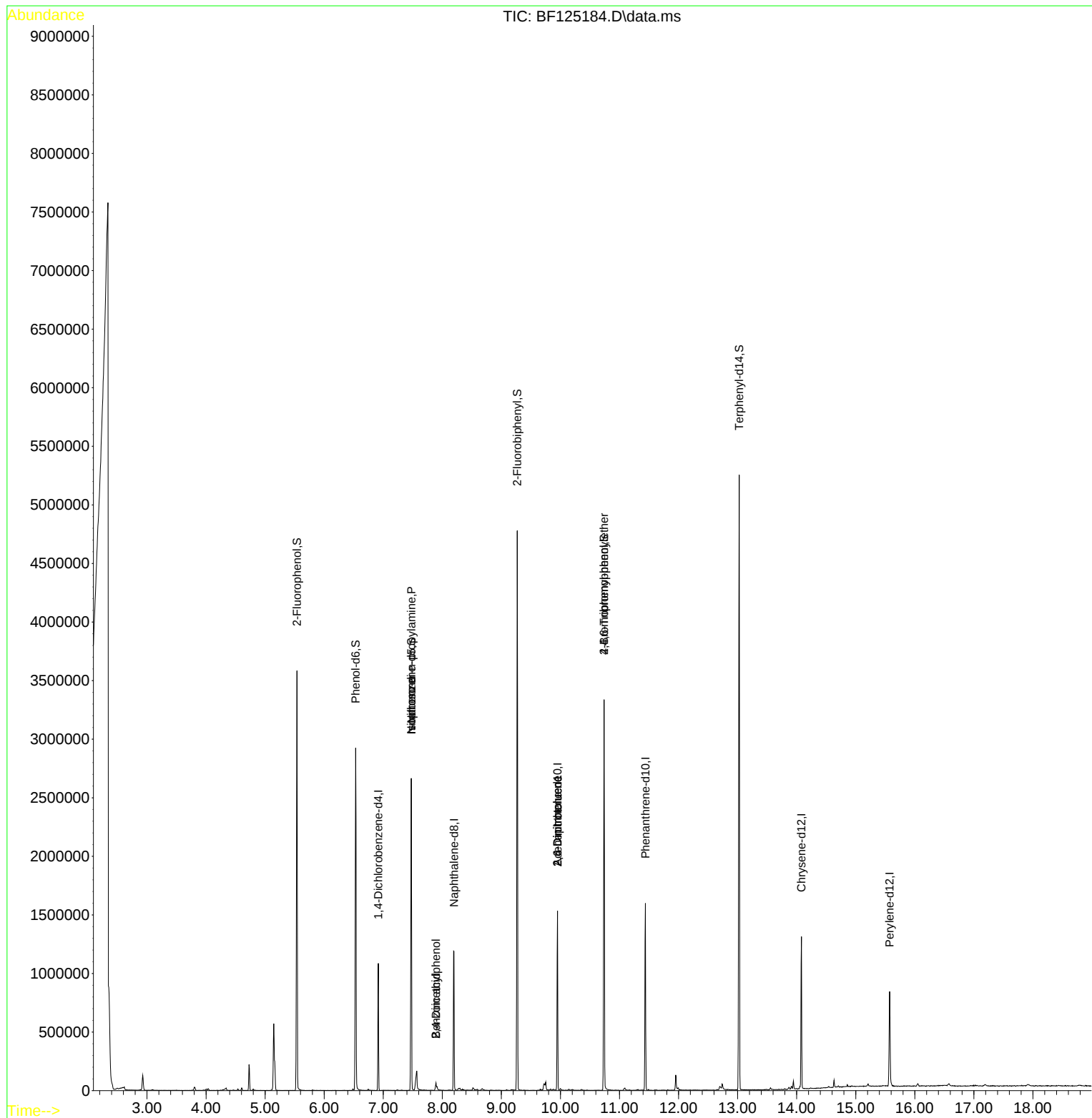
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	139919	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	538551	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	293930	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	558984	20.000	ng	0.00
76) Chrysene-d12	14.080	240	421841	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	357982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	860079	93.041	ng	0.01
7) Phenol-d6	6.534	99	951678	79.601	ng	0.00
23) Nitrobenzene-d5	7.475	82	792050	74.041	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	403530	137.532	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1452161	68.857	ng	0.00
79) Terphenyl-d14	13.027	244	1910214	72.140	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	107784	14.988	ng	# 60
25) Isophorone	7.475	82	792037	38.380	ng	# 59
27) 2,4-Dimethylphenol	7.892	122	16555	2.032	ng	# 7
32) Benzoic acid	7.892	122	16555	2.993	ng	# 83
51) 2,6-Dinitrotoluene	9.951	165	37808	8.560	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	37808	7.073	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	24710	3.681	ng	# 1

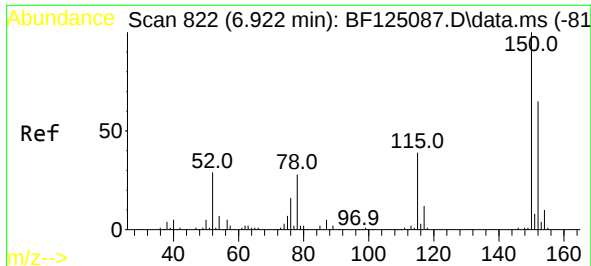
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125184.D
Acq On : 24 Aug 2021 14:33
Operator : JU/CG
Sample : M3489-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-GROWS

Quant Time: Aug 24 15:23:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

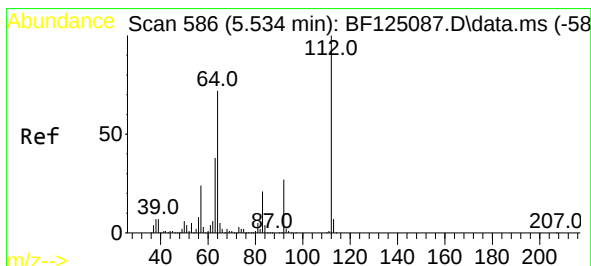
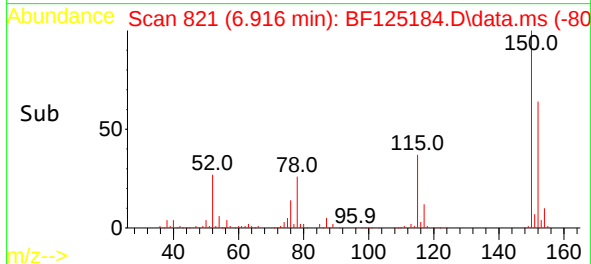
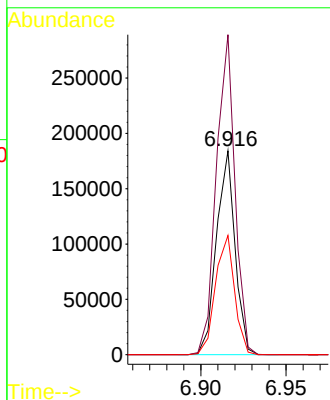
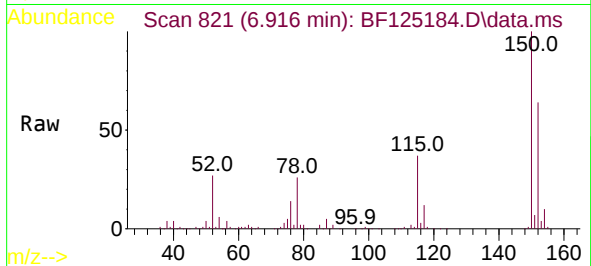




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

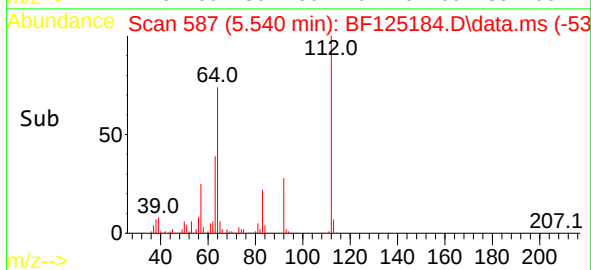
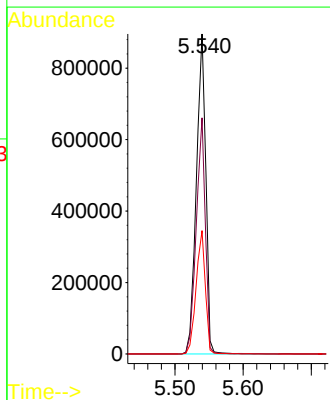
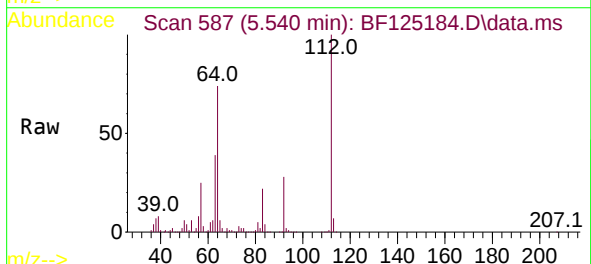
Instrument :
BNA_F
ClientSampleId :
2-GROWS

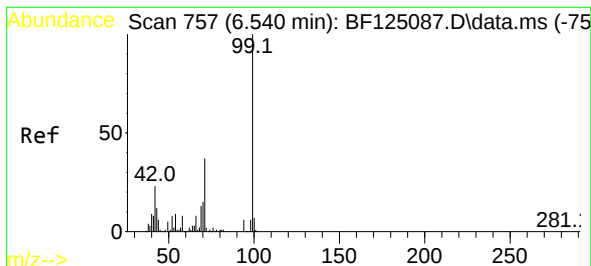
Tgt Ion:152 Resp: 139919
Ion Ratio Lower Upper
152 100
150 157.0 117.6 176.4
115 58.5 47.1 70.7



#5
2-Fluorophenol
Concen: 93.041 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

Tgt Ion:112 Resp: 860079
Ion Ratio Lower Upper
112 100
64 73.8 44.2 66.2#
63 38.6 26.2 39.2





#7

Phenol-d6

Concen: 79.601 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF125184.D

Acq: 24 Aug 2021 14:33

Tgt Ion: 99 Resp: 951678

Ion Ratio Lower Upper

99 100

42 23.8 23.5 35.3

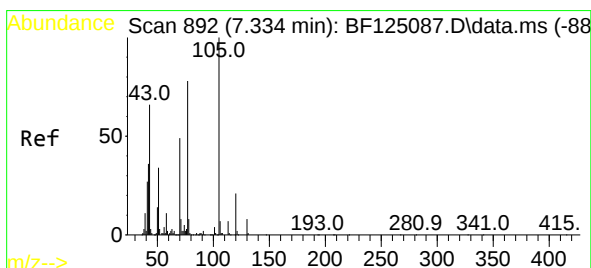
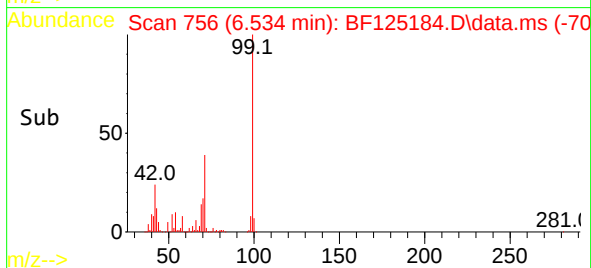
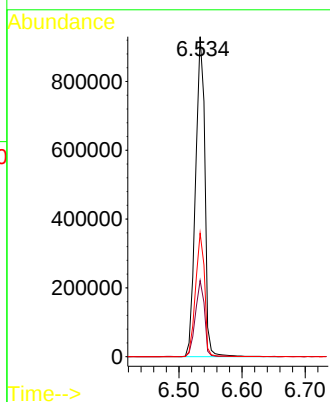
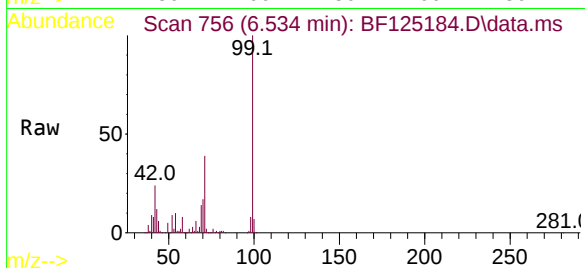
71 38.6 25.6 38.4#

Instrument :

BNA_F

ClientSampleId :

2-GROWS



#19

n-Nitroso-di-n-propylamine

Concen: 14.988 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.147 min

Lab File: BF125184.D

Acq: 24 Aug 2021 14:33

Tgt Ion: 70 Resp: 107784

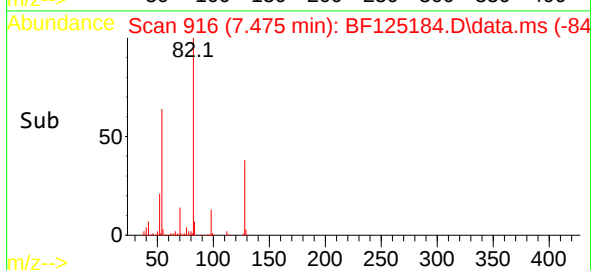
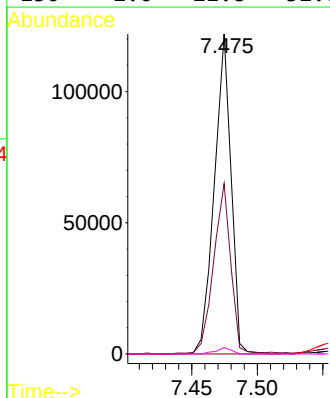
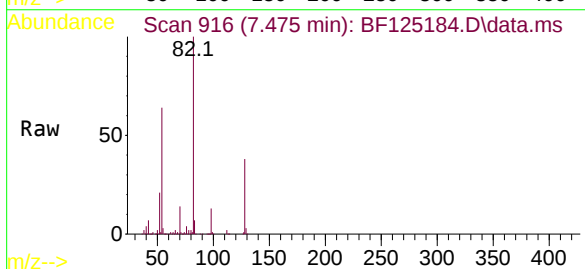
Ion Ratio Lower Upper

70 100

42 53.3 72.2 108.2#

101 0.0 7.8 11.8#

130 2.0 21.8 32.6#

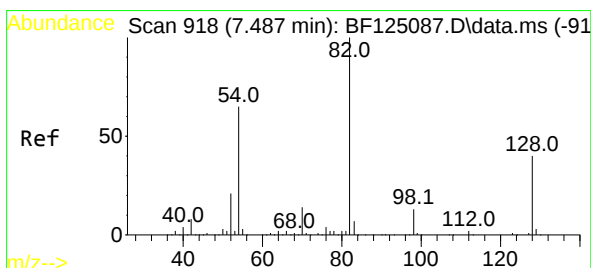
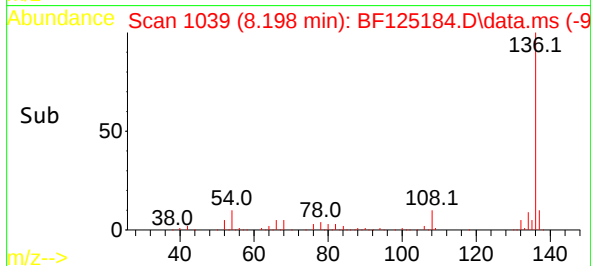
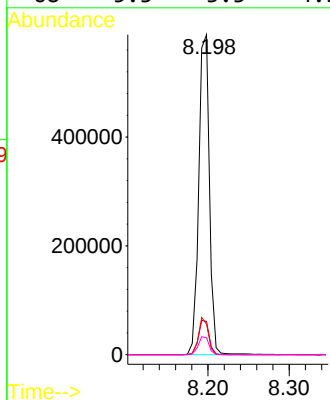
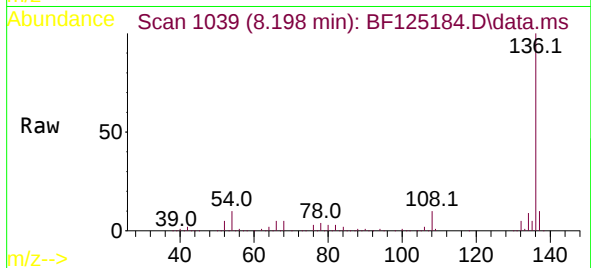




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

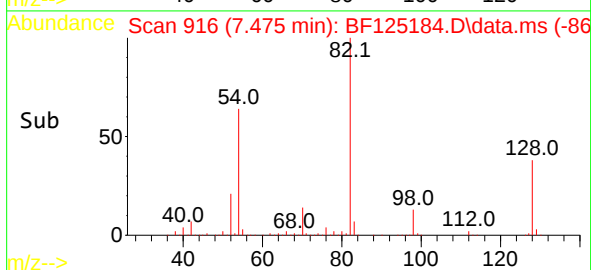
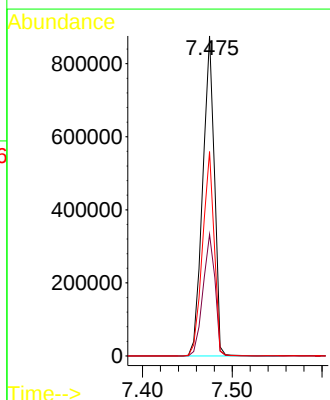
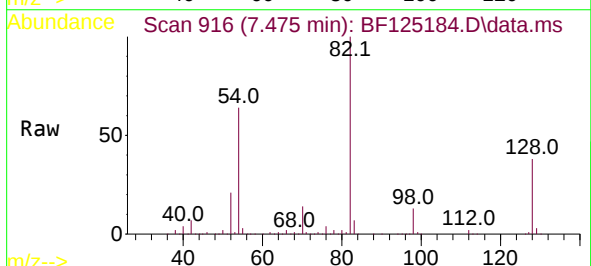
Instrument :
BNA_F
ClientSampleId :
2-GROWS

Tgt Ion:	136	Resp:	538551
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.6
54	9.5	6.4	9.6
68	5.3	3.3	4.9



#23
Nitrobenzene-d5
Concen: 74.041 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

Tgt Ion:	82	Resp:	792050
Ion	Ratio	Lower	Upper
82	100		
128	38.0	40.6	60.8
54	63.8	49.6	74.4

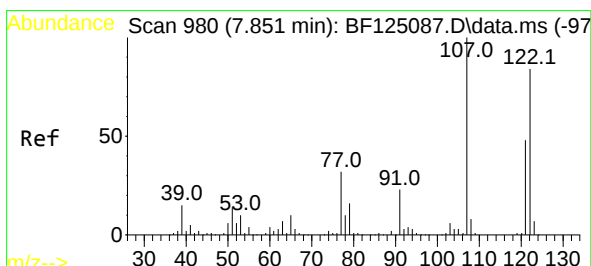
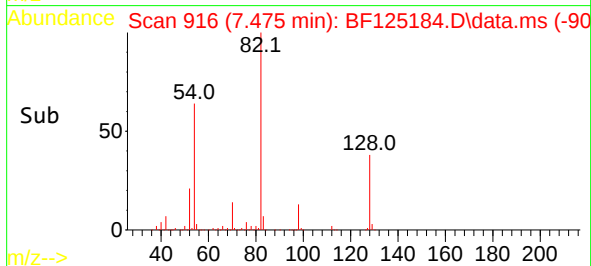
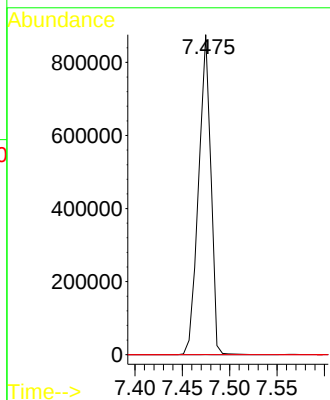
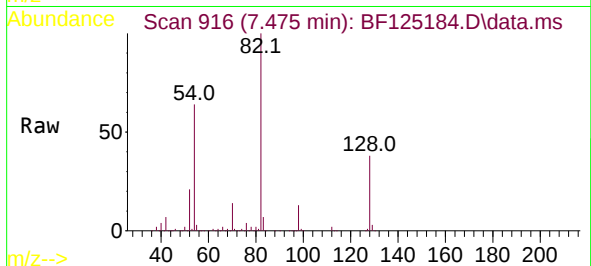




#25
Isophorone
Concen: 38.380 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

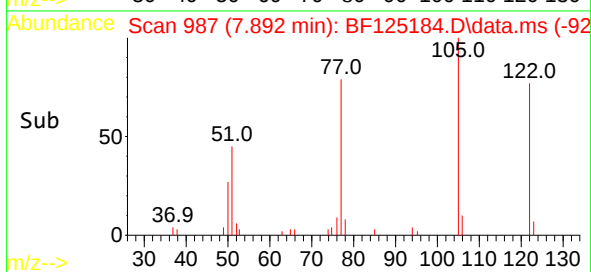
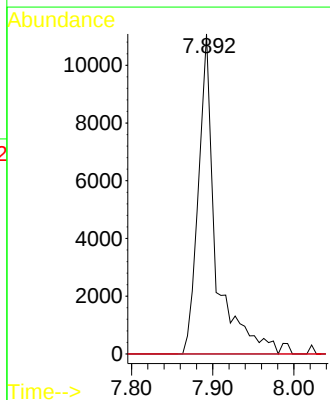
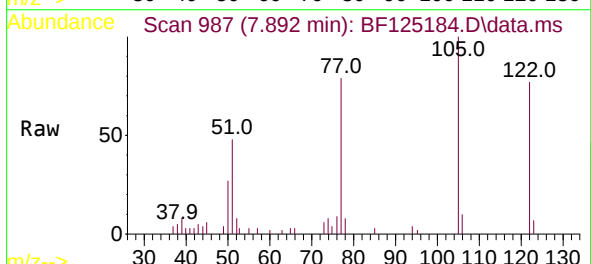
Instrument :
BNA_F
ClientSampleId :
2-GROWS

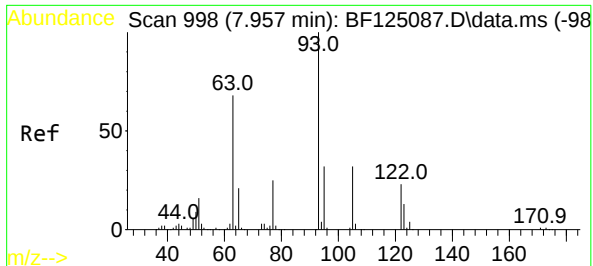
Tgt Ion: 82 Resp: 792037
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#27
2,4-Dimethylphenol
Concen: 2.032 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.047 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

Tgt Ion: 122 Resp: 16555
Ion Ratio Lower Upper
122 100
107 0.0 85.0 127.6#
121 0.0 43.3 64.9#



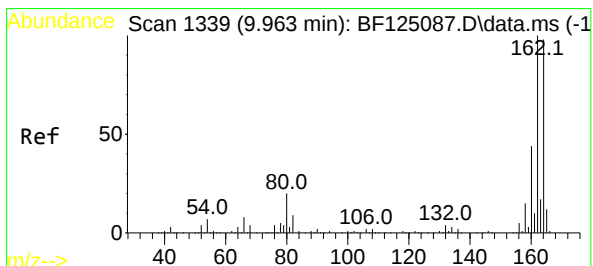
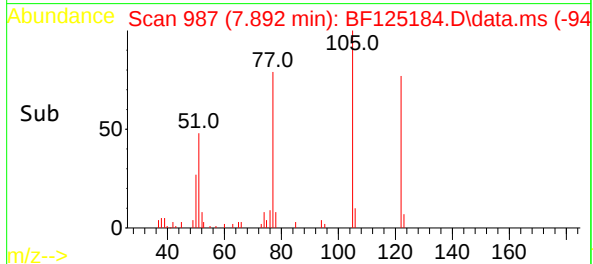
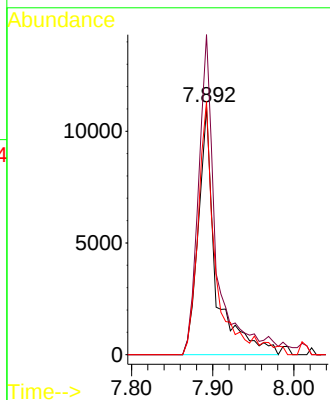
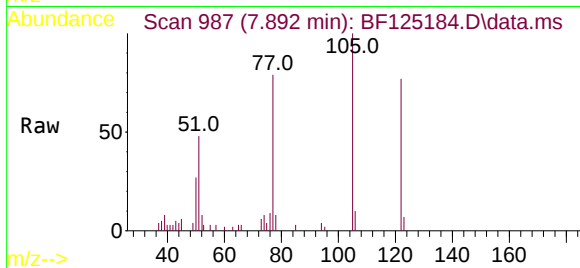


#32

Benzoic acid
Concen: 2.993 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.053 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

Instrument :
BNA_F
ClientSampleId :
2-GROWS

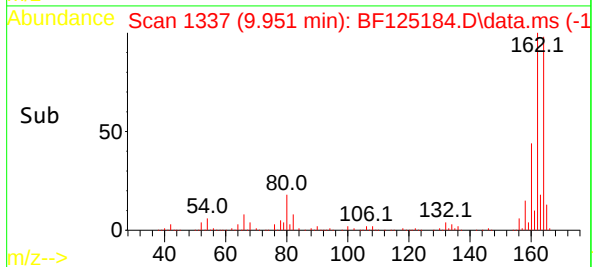
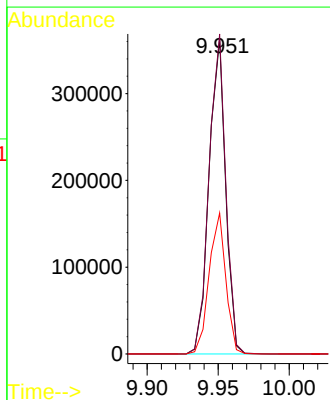
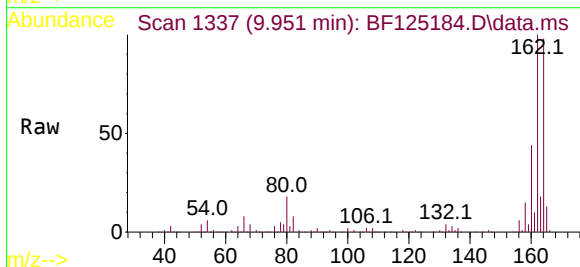
Tgt Ion:122 Resp: 16555
Ion Ratio Lower Upper
122 100
105 129.2 97.6 137.6
77 102.2 59.6 99.6#

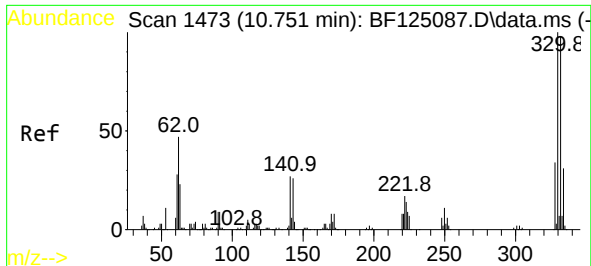


#39

Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

Tgt Ion:164 Resp: 293930
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 44.8 38.0 57.0

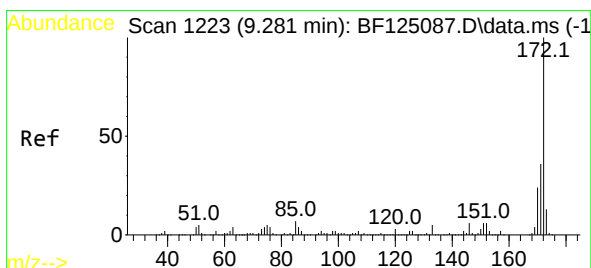
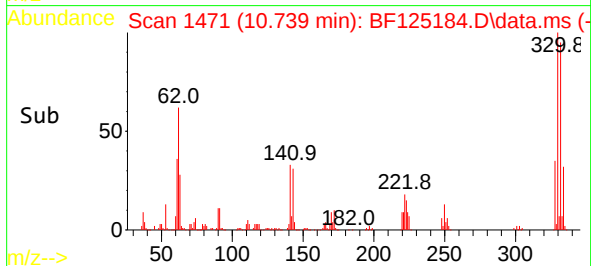
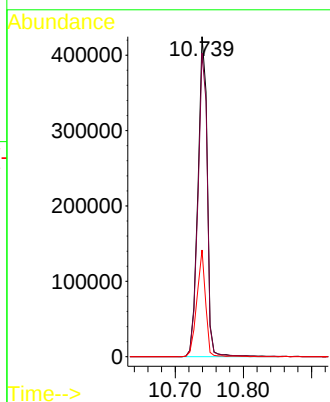
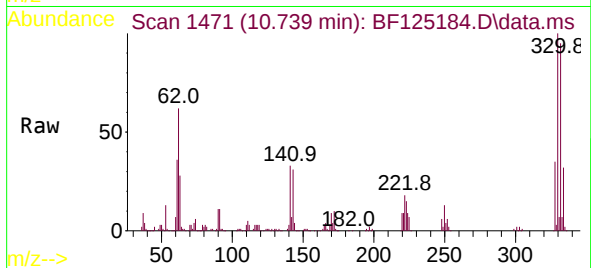




#42
2,4,6-Tribromophenol
Concen: 137.532 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

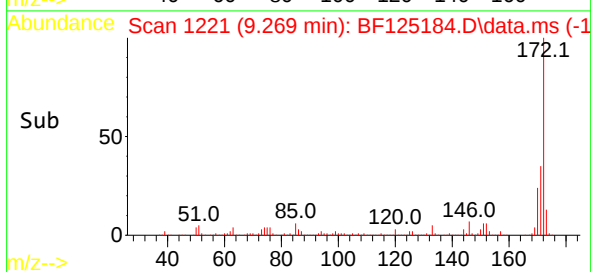
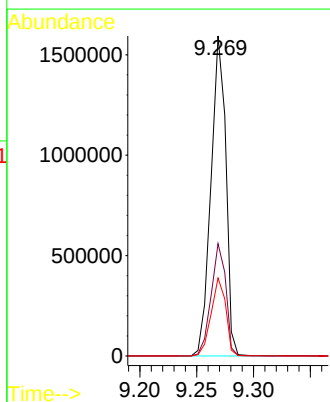
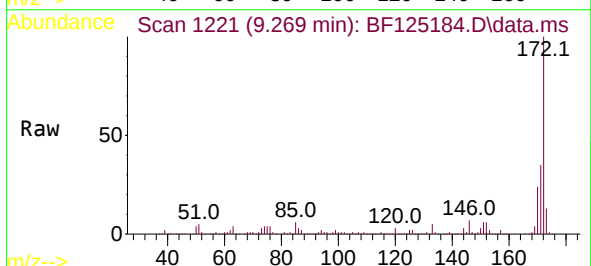
Instrument :
BNA_F
ClientSampleID :
2-GROWS

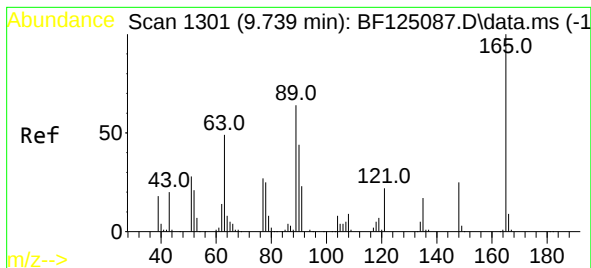
Tgt Ion:330 Resp: 403530
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 30.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 68.857 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

Tgt Ion:172 Resp: 1452161
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 24.3 18.8 28.2

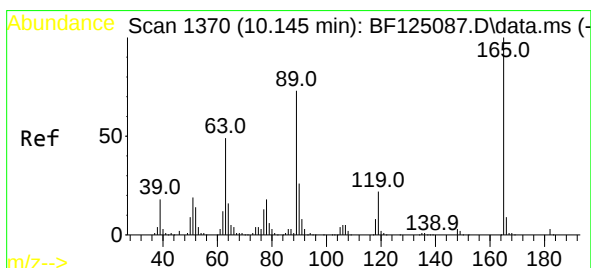
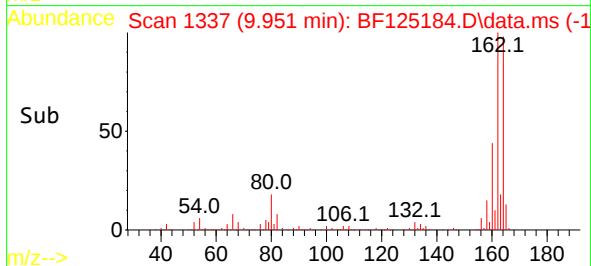
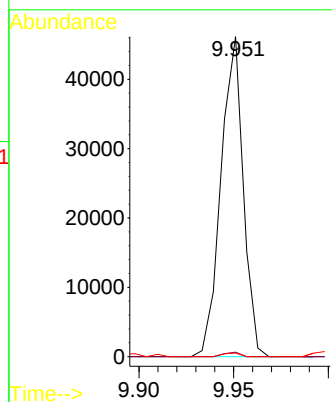
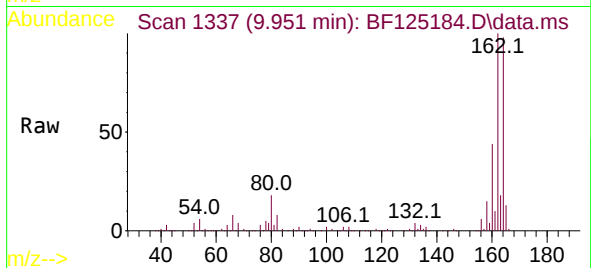




#51
2,6-Dinitrotoluene
Concen: 8.560 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

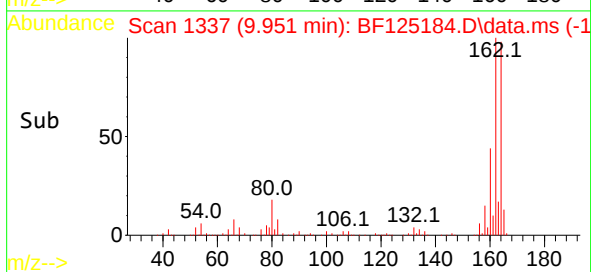
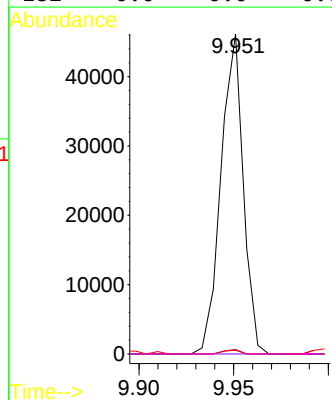
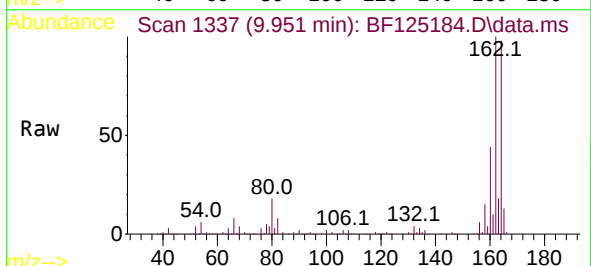
Instrument :
BNA_F
ClientSampleId :
2-GROWS

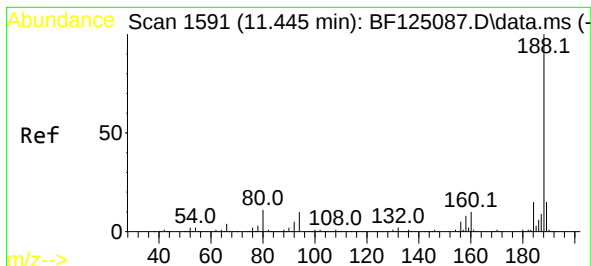
Tgt Ion:165 Resp: 37808
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.073 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

Tgt Ion:165 Resp: 37808
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

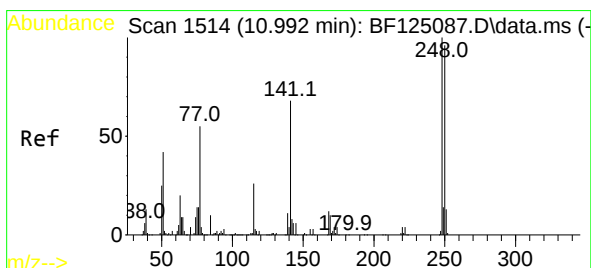
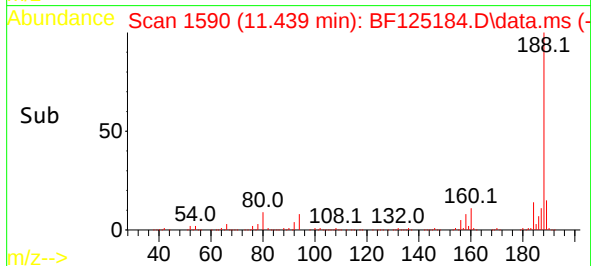
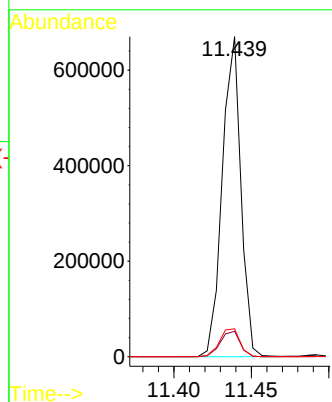
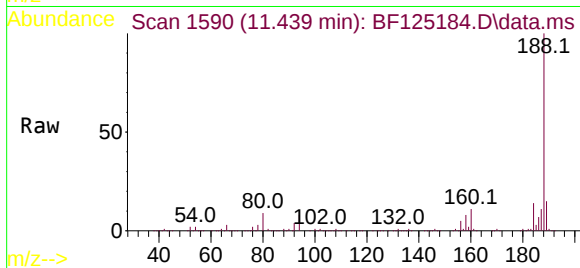




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

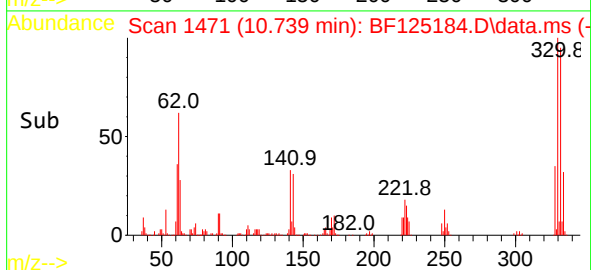
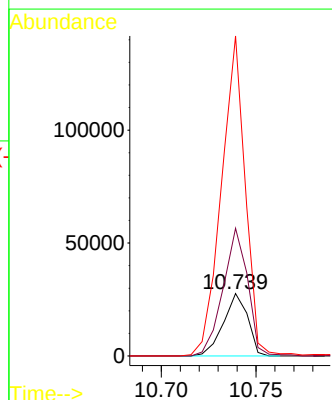
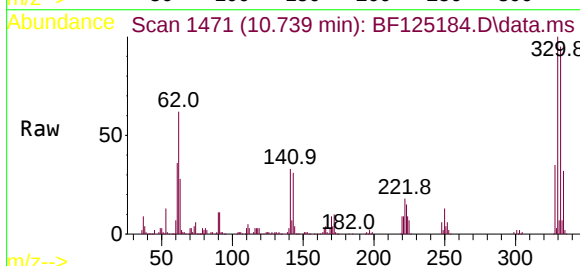
Instrument :
BNA_F
ClientSampleId :
2-GROWS

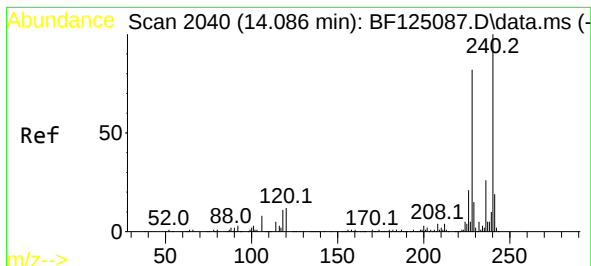
Tgt Ion:188 Resp: 558984
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.681 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

Tgt Ion:248 Resp: 24710
Ion Ratio Lower Upper
248 100
250 204.8 74.2 111.4#
141 513.4 60.4 90.6#

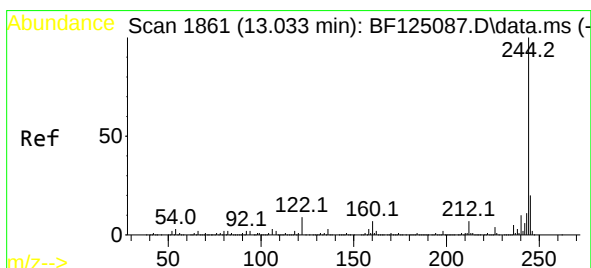
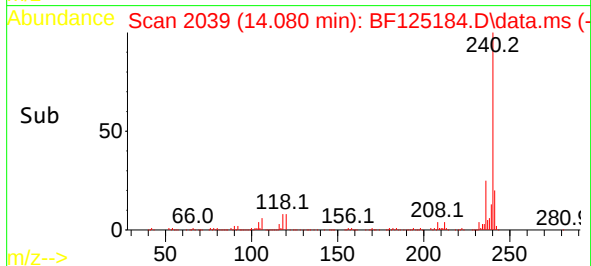
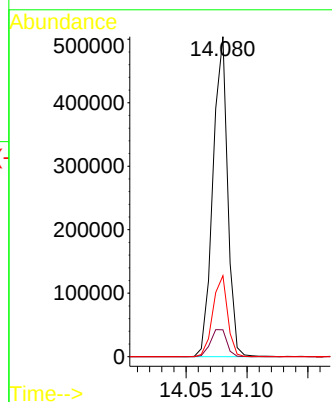
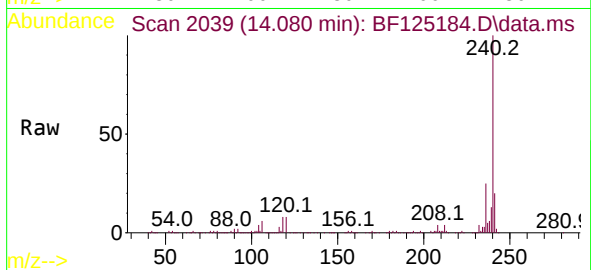




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

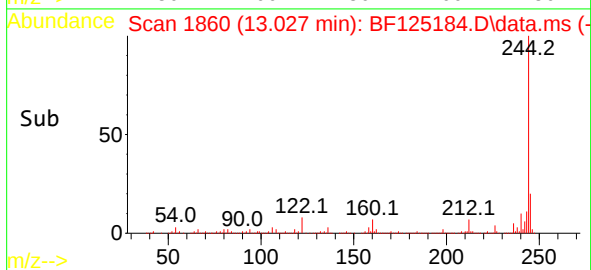
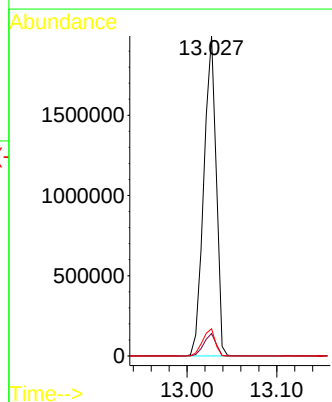
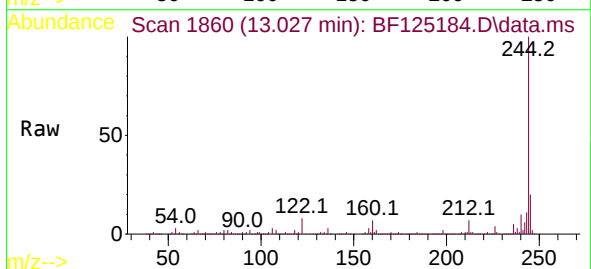
Instrument :
BNA_F
ClientSampleId :
2-GROWS

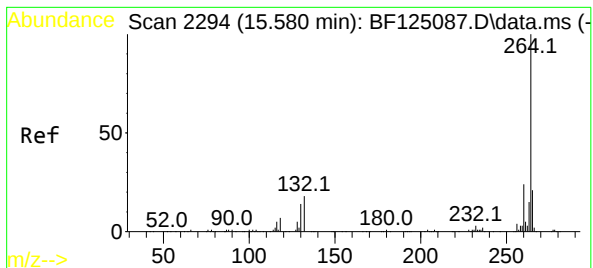
Tgt Ion:240 Resp: 421841
Ion Ratio Lower Upper
240 100
120 8.4 10.8 16.2#
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 72.140 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

Tgt Ion:244 Resp: 1910214
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.5 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.000 min
 Lab File: BF125184.D
 Acq: 24 Aug 2021 14:33

Instrument :
 BNA_F
 ClientSampleId :
 2-GROWS

Tgt Ion:264 Resp: 357982
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 21.7 17.2 25.8

