

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125183.D
 Acq On : 24 Aug 2021 14:00
 Operator : JU/CG
 Sample : M3489-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-GROWS

Quant Time: Aug 24 14:50:34 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)

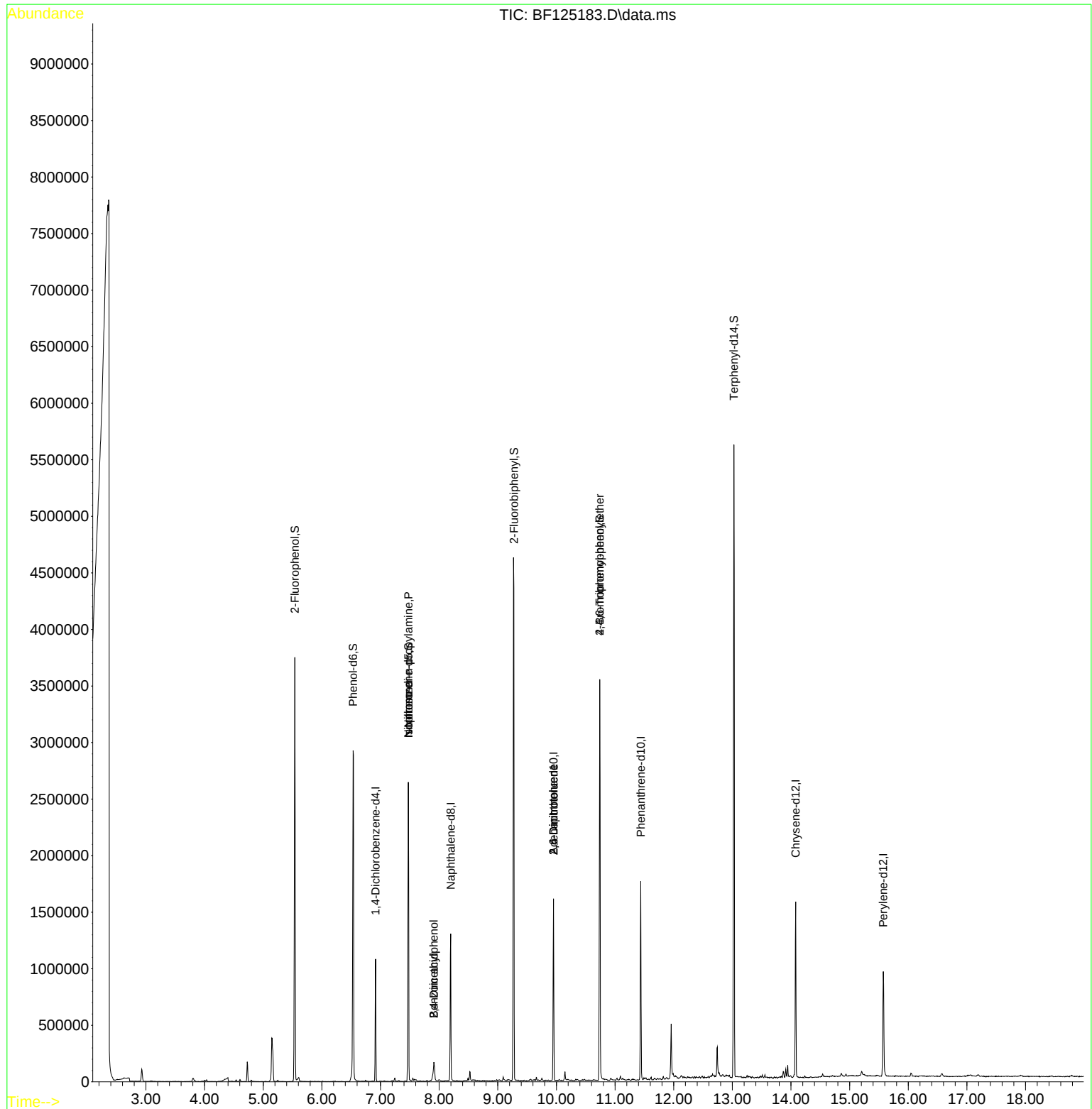
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	139150	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	548311	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	304774	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	592696	20.000	ng	0.00
76) Chrysene-d12	14.080	240	515751	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	434265	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	913600	99.376	ng	0.01
7) Phenol-d6	6.534	99	1044348	87.835	ng	0.00
23) Nitrobenzene-d5	7.475	82	837531	76.899	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	456696	150.114	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1537766	70.322	ng	0.00
79) Terphenyl-d14	13.027	244	2166789	66.929	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	115194	16.107	ng	# 61
25) Isophorone	7.475	82	837524	39.862	ng	# 59
27) 2,4-Dimethylphenol	7.910	122	40556	4.889	ng	# 7
32) Benzoic acid	7.910	122	40556	7.203	ng	85
51) 2,6-Dinitrotoluene	9.951	165	38125	8.325	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	38125	6.878	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	28126	3.952	ng	# 1

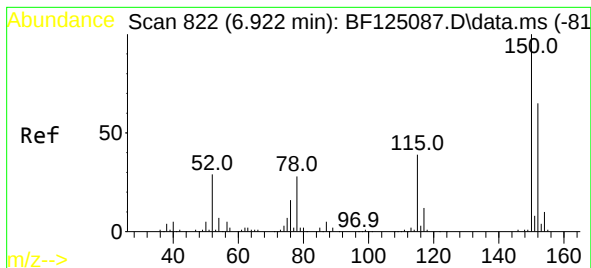
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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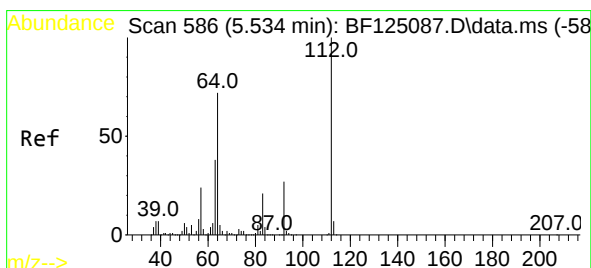
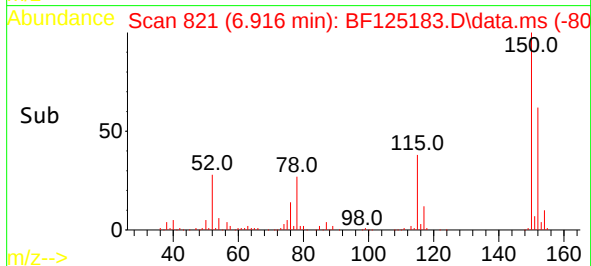
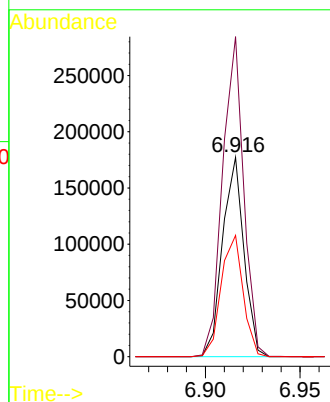
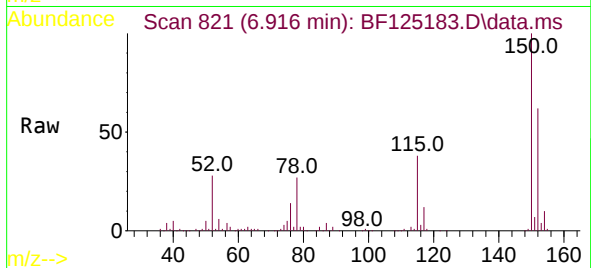




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

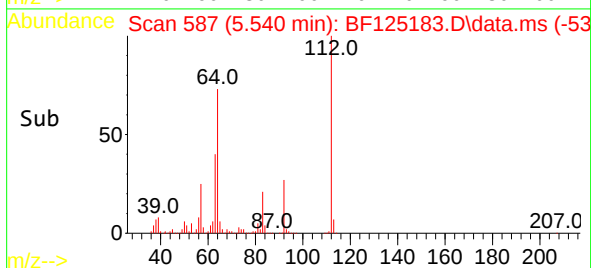
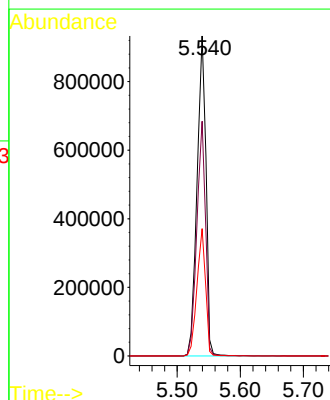
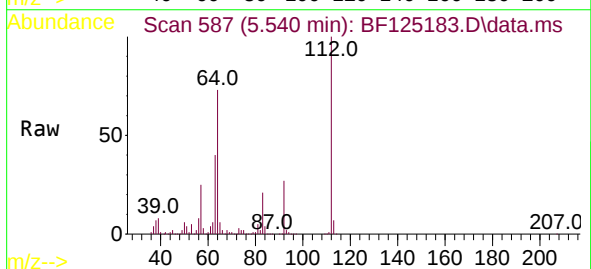
Instrument :
BNA_F
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1-GROWS

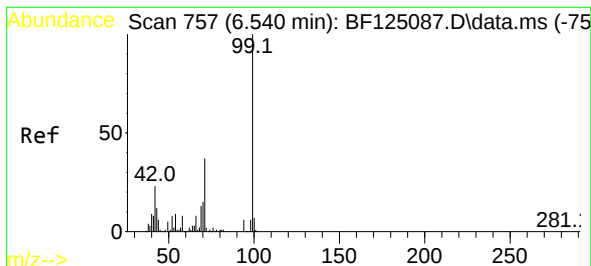
Tgt Ion:152 Resp: 139150
Ion Ratio Lower Upper
152 100
150 160.4 117.6 176.4
115 60.8 47.1 70.7



#5
2-Fluorophenol
Concen: 99.376 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

Tgt Ion:112 Resp: 913600
Ion Ratio Lower Upper
112 100
64 73.4 44.2 66.2#
63 39.8 26.2 39.2#





#7

Phenol-d6

Concen: 87.835 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF125183.D

Acq: 24 Aug 2021 14:00

Tgt Ion: 99 Resp: 1044348

Ion Ratio Lower Upper

99 100

42 23.5 23.5 35.3#

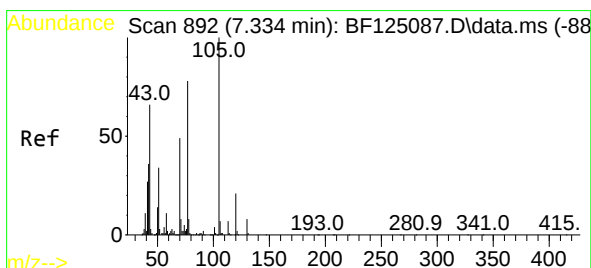
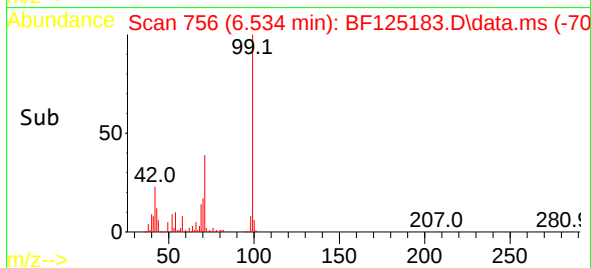
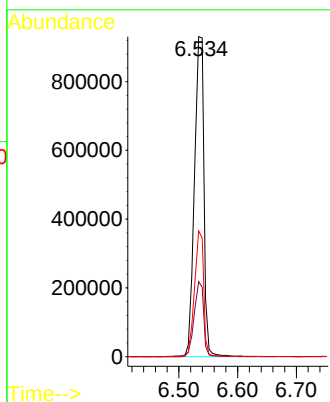
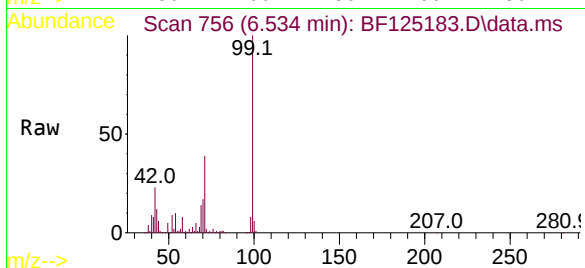
71 39.3 25.6 38.4#

Instrument :

BNA_F

ClientSampleId :

1-GROWS



#19

n-Nitroso-di-n-propylamine

Concen: 16.107 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.147 min

Lab File: BF125183.D

Acq: 24 Aug 2021 14:00

Tgt Ion: 70 Resp: 115194

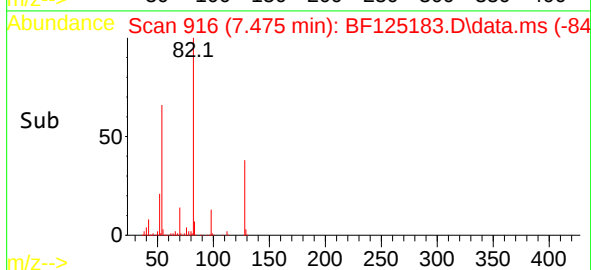
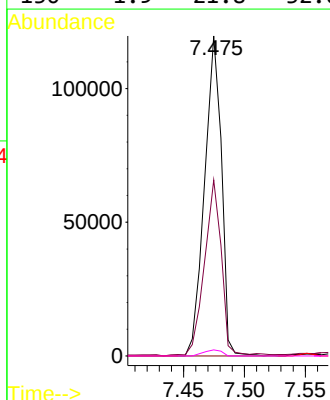
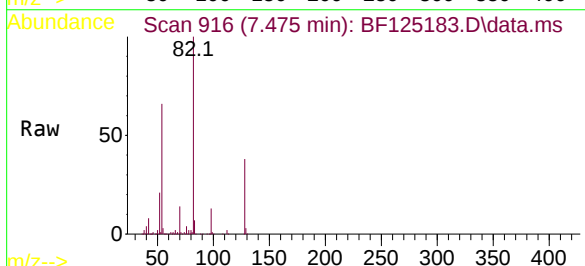
Ion Ratio Lower Upper

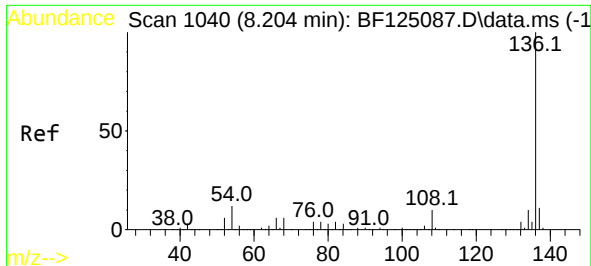
70 100

42 55.0 72.2 108.2#

101 0.0 7.8 11.8#

130 1.9 21.8 32.6#

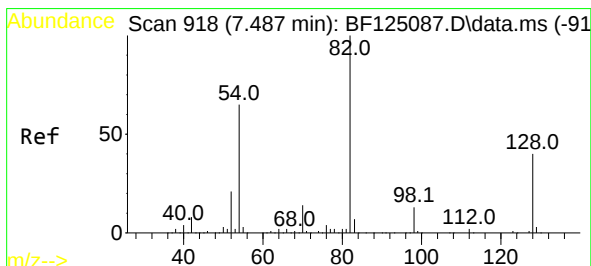
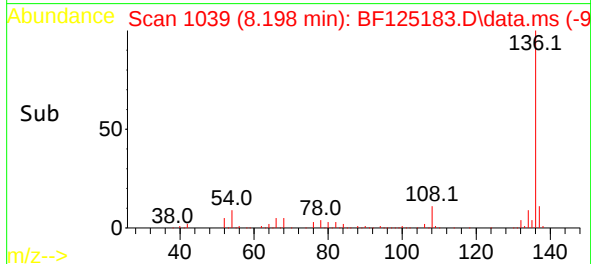
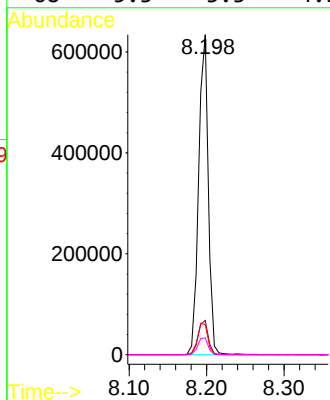
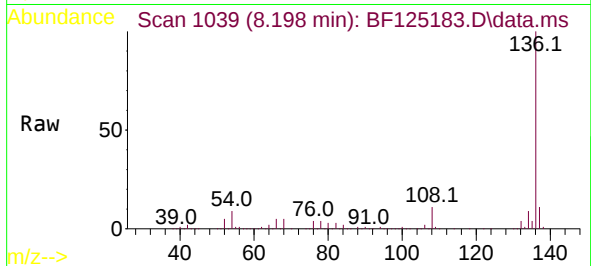




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

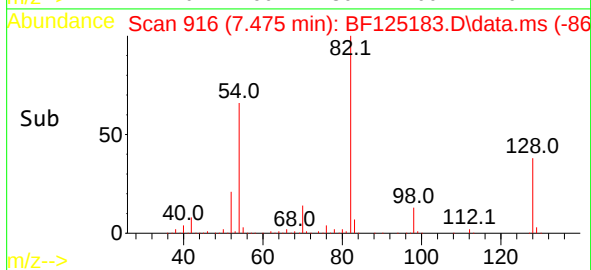
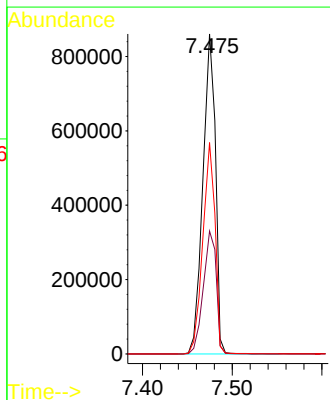
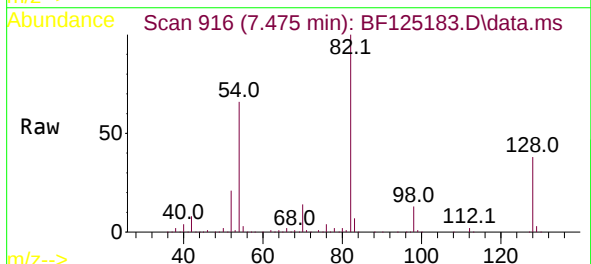
Instrument :
BNA_F
ClientSampleId :
1-GROWS

Tgt Ion:136 Resp: 548311
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 9.4 6.4 9.6
68 5.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 76.899 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

Tgt Ion: 82 Resp: 837531
Ion Ratio Lower Upper
82 100
128 38.4 40.6 60.8#
54 66.1 49.6 74.4

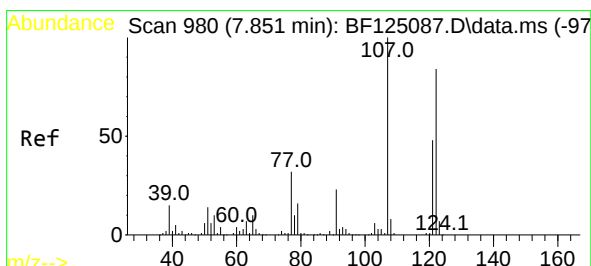
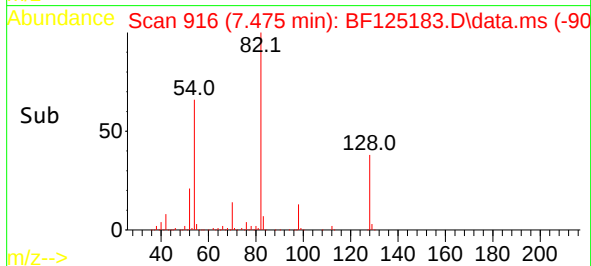
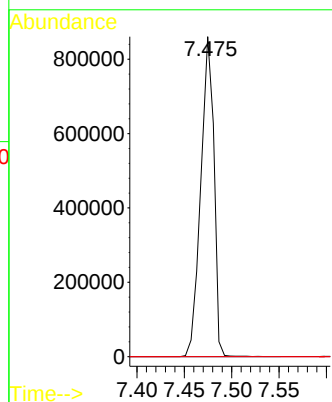
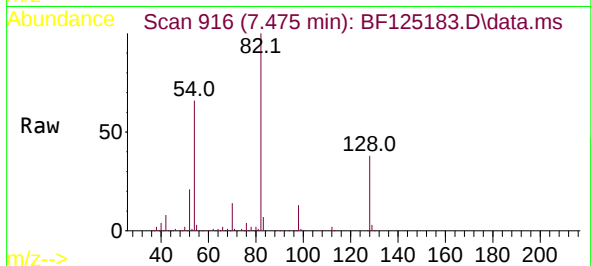




#25
Isophorone
Concen: 39.862 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

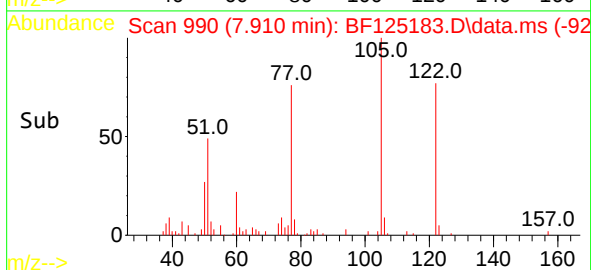
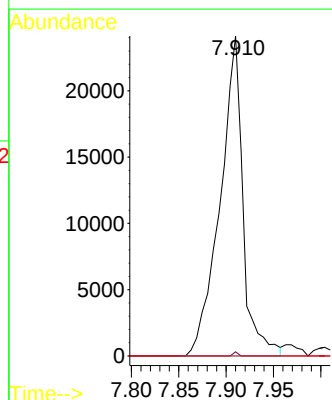
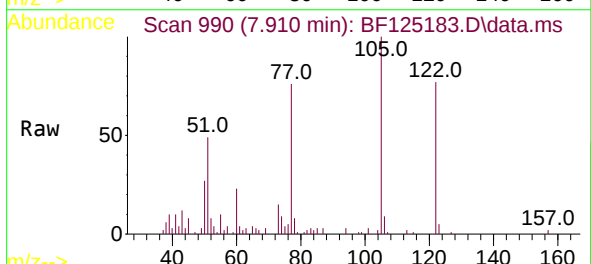
Instrument :
BNA_F
ClientSampleId :
1-GROWS

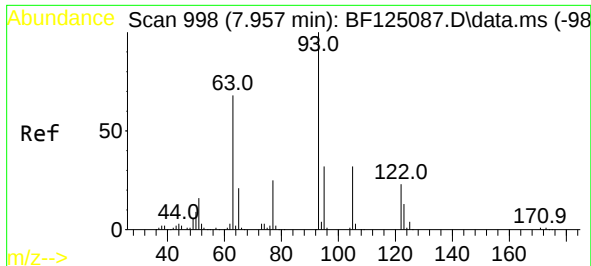
Tgt Ion: 82 Resp: 837524
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#27
2,4-Dimethylphenol
Concen: 4.889 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.065 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

Tgt Ion: 122 Resp: 40556
Ion Ratio Lower Upper
122 100
107 1.3 85.0 127.6#
121 0.0 43.3 64.9#

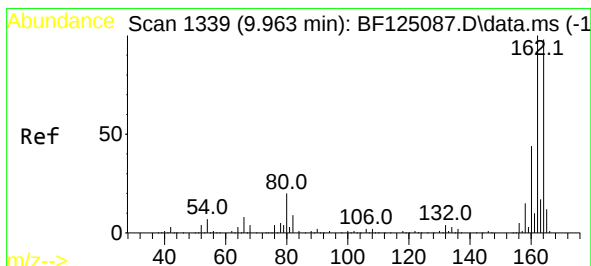
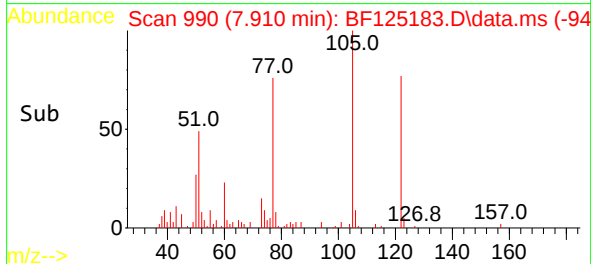
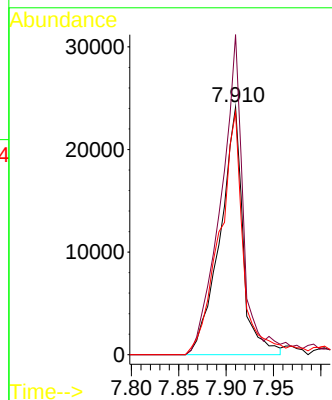
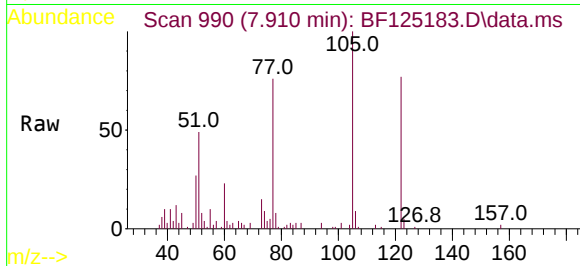




#32
Benzoic acid
Concen: 7.203 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.035 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

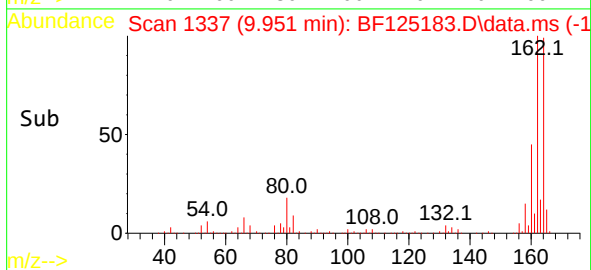
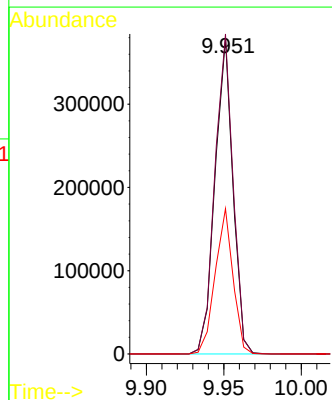
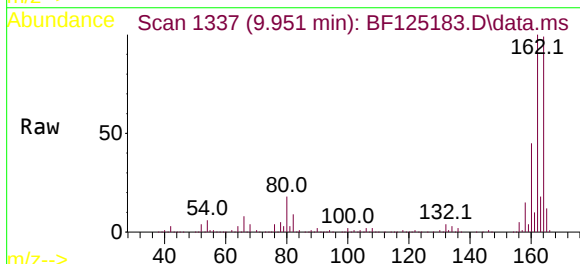
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ClientSampleId :
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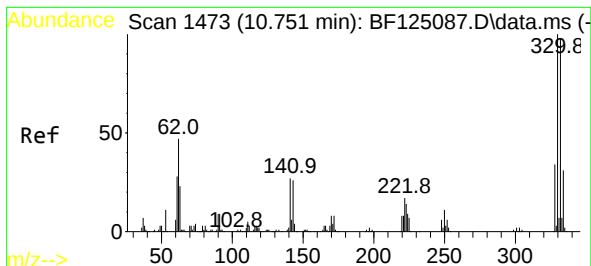
Tgt Ion:122 Resp: 40556
Ion Ratio Lower Upper
122 100
105 129.2 97.6 137.6
77 98.0 59.6 99.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

Tgt Ion:164 Resp: 304774
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 46.0 38.0 57.0

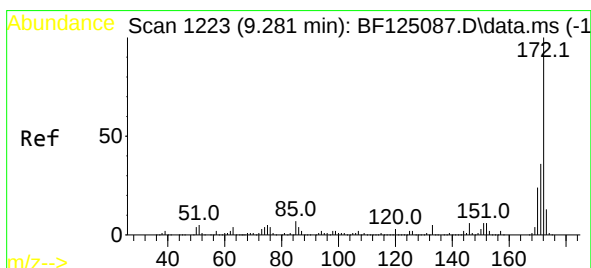
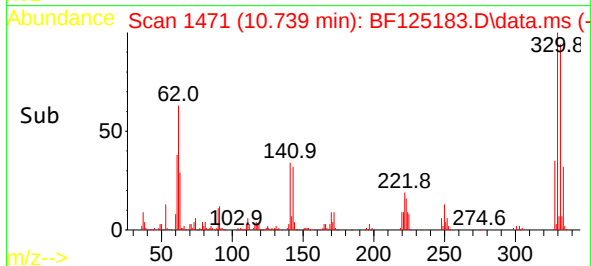
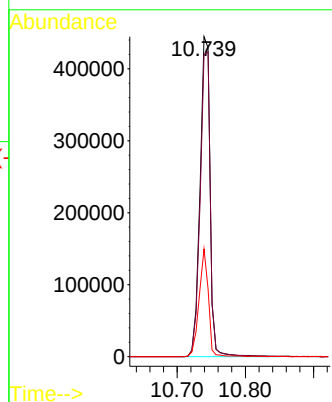
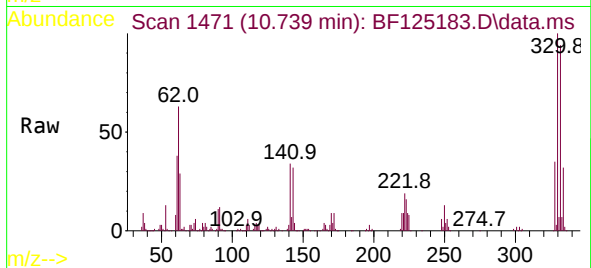




#42
2,4,6-Tribromophenol
Concen: 150.114 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

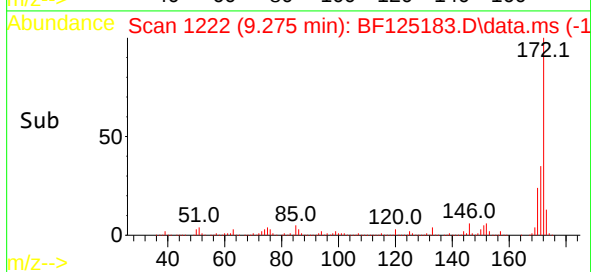
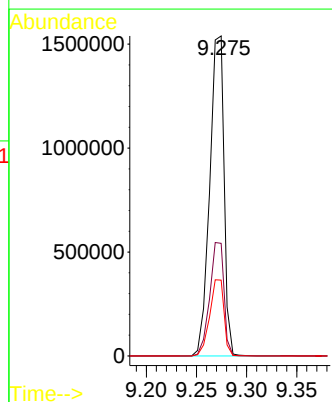
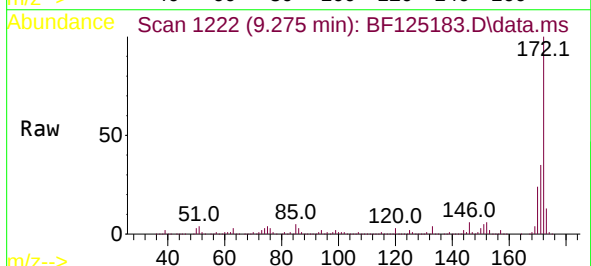
Instrument :
BNA_F
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1-GROWS

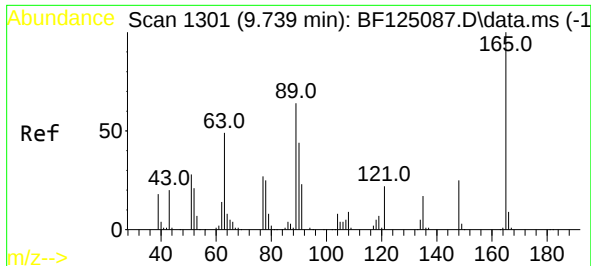
Tgt Ion:330 Resp: 456696
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 31.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 70.322 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

Tgt Ion:172 Resp: 1537766
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.7 18.8 28.2

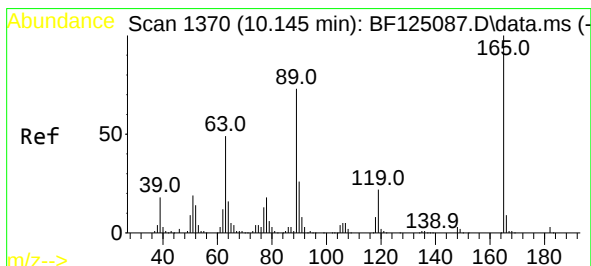
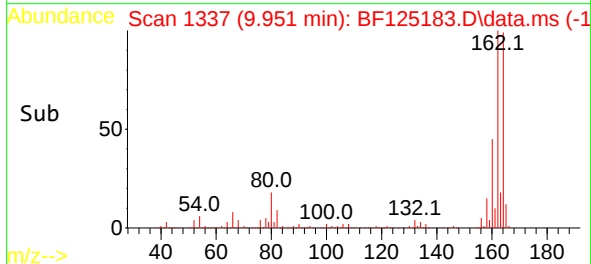
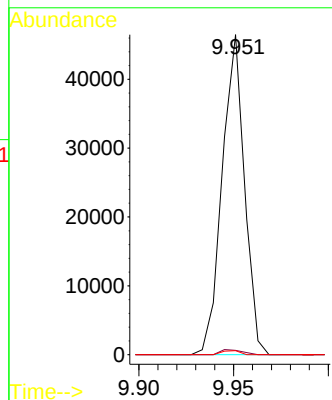
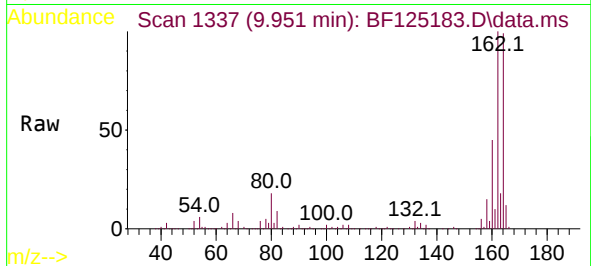




#51
2,6-Dinitrotoluene
Concen: 8.325 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

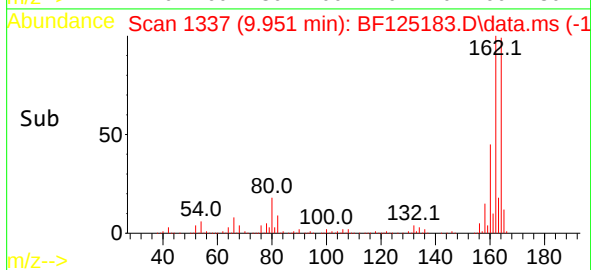
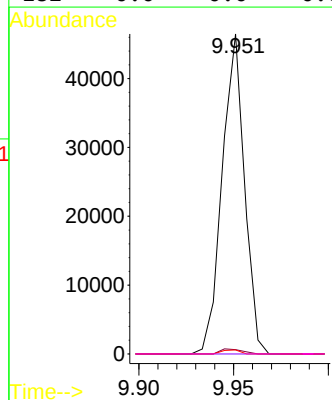
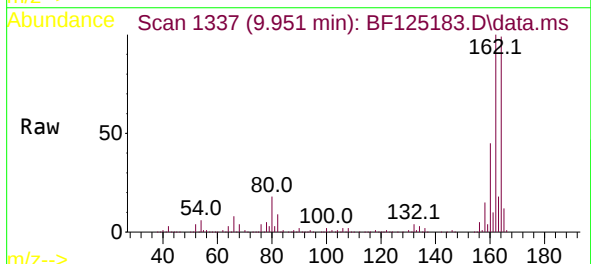
Instrument :
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1-GROWS

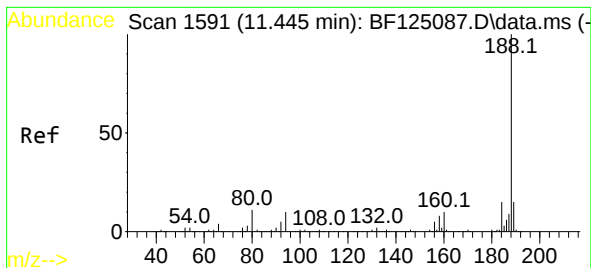
Tgt Ion:165 Resp: 38125
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.878 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

Tgt Ion:165 Resp: 38125
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

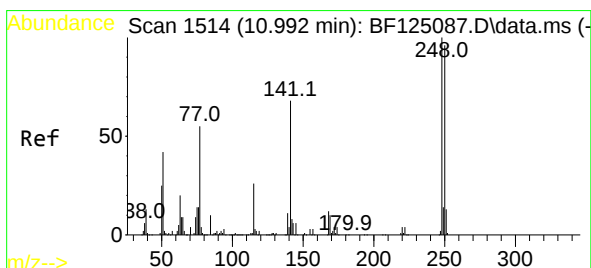
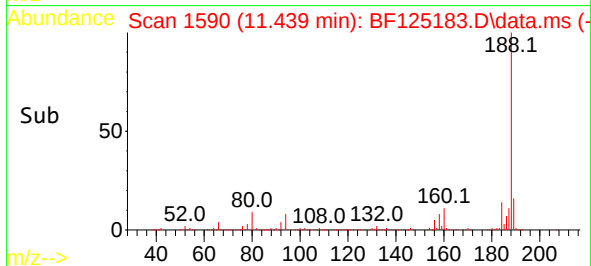
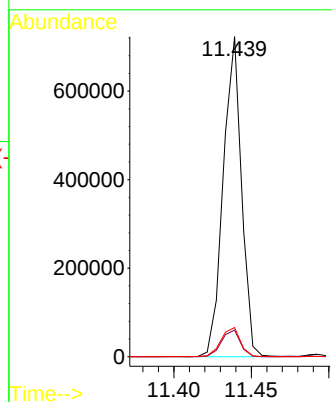
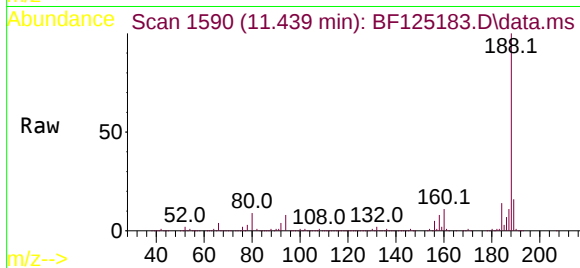




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

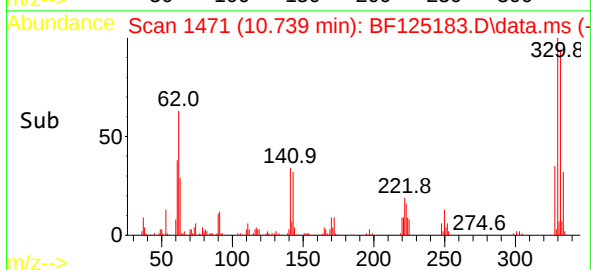
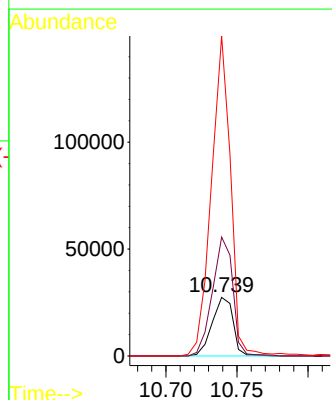
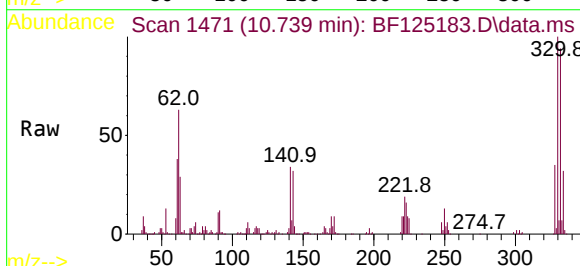
Instrument :
BNA_F
ClientSampleId :
1-GROWS

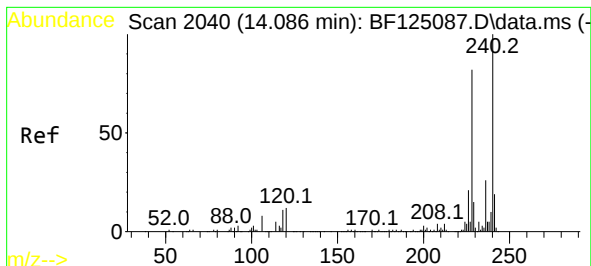
Tgt Ion:188 Resp: 592696
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.952 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

Tgt Ion:248 Resp: 28126
Ion Ratio Lower Upper
248 100
250 202.9 74.2 111.4#
141 546.2 60.4 90.6#

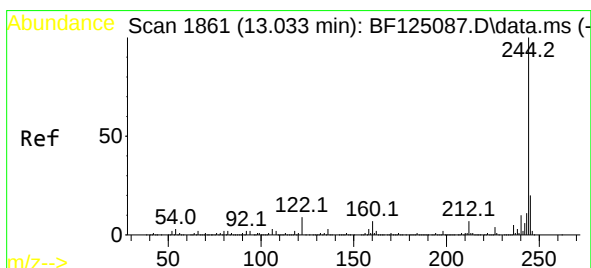
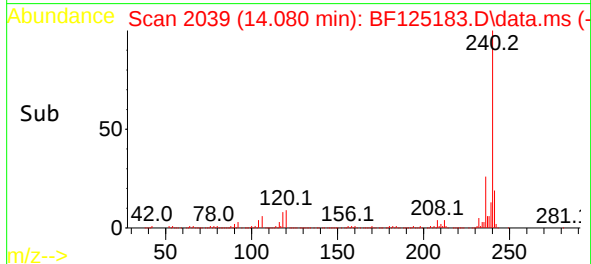
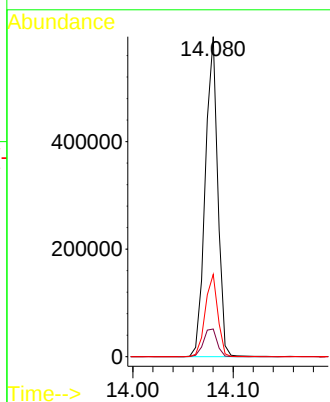
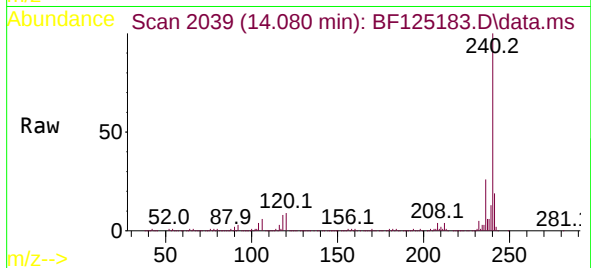




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

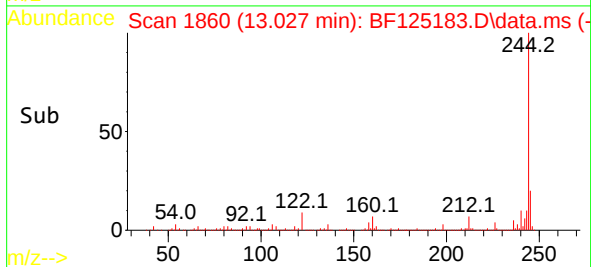
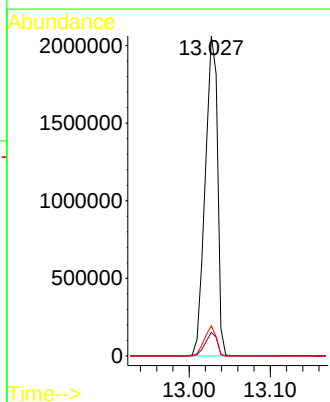
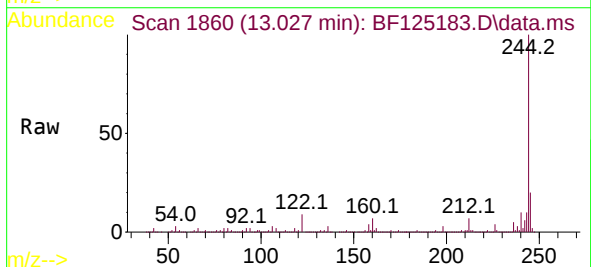
Instrument :
BNA_F
ClientSampleId :
1-GROWS

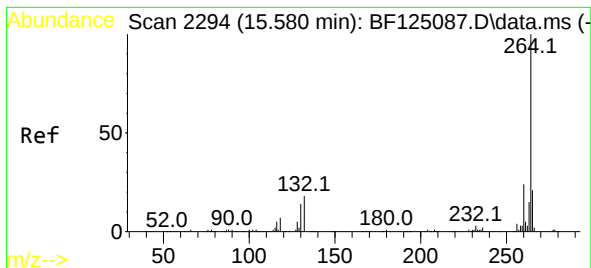
Tgt Ion:240 Resp: 515751
Ion Ratio Lower Upper
240 100
120 8.6 10.8 16.2#
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 66.929 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

Tgt Ion:244 Resp: 2166789
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.5 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: BF125183.D

Acq: 24 Aug 2021 14:00

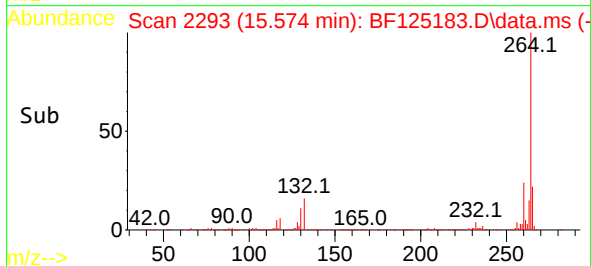
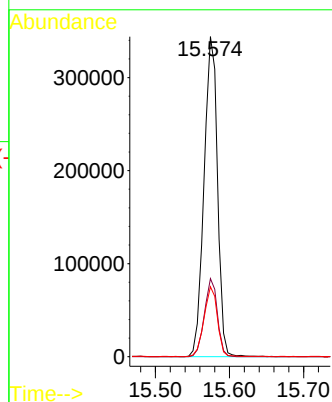
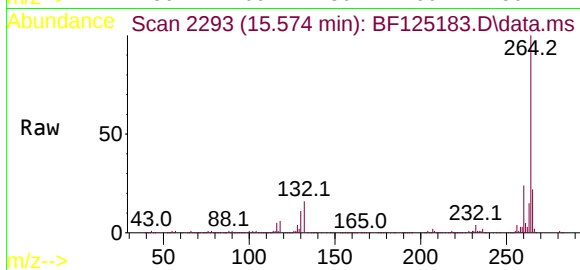
Tgt Ion:264 Resp: 434265

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 21.9 17.2 25.8



Instrument :

BNA_F

ClientSampleId :

1-GROWS