

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090921\
 Data File : BF125406.D
 Acq On : 9 Sep 2021 10:22
 Operator : JU/CG
 Sample : PB138862BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138862BL

Quant Time: Sep 09 11:36:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 14:14:01 2021
 Response via : Initial Calibration

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

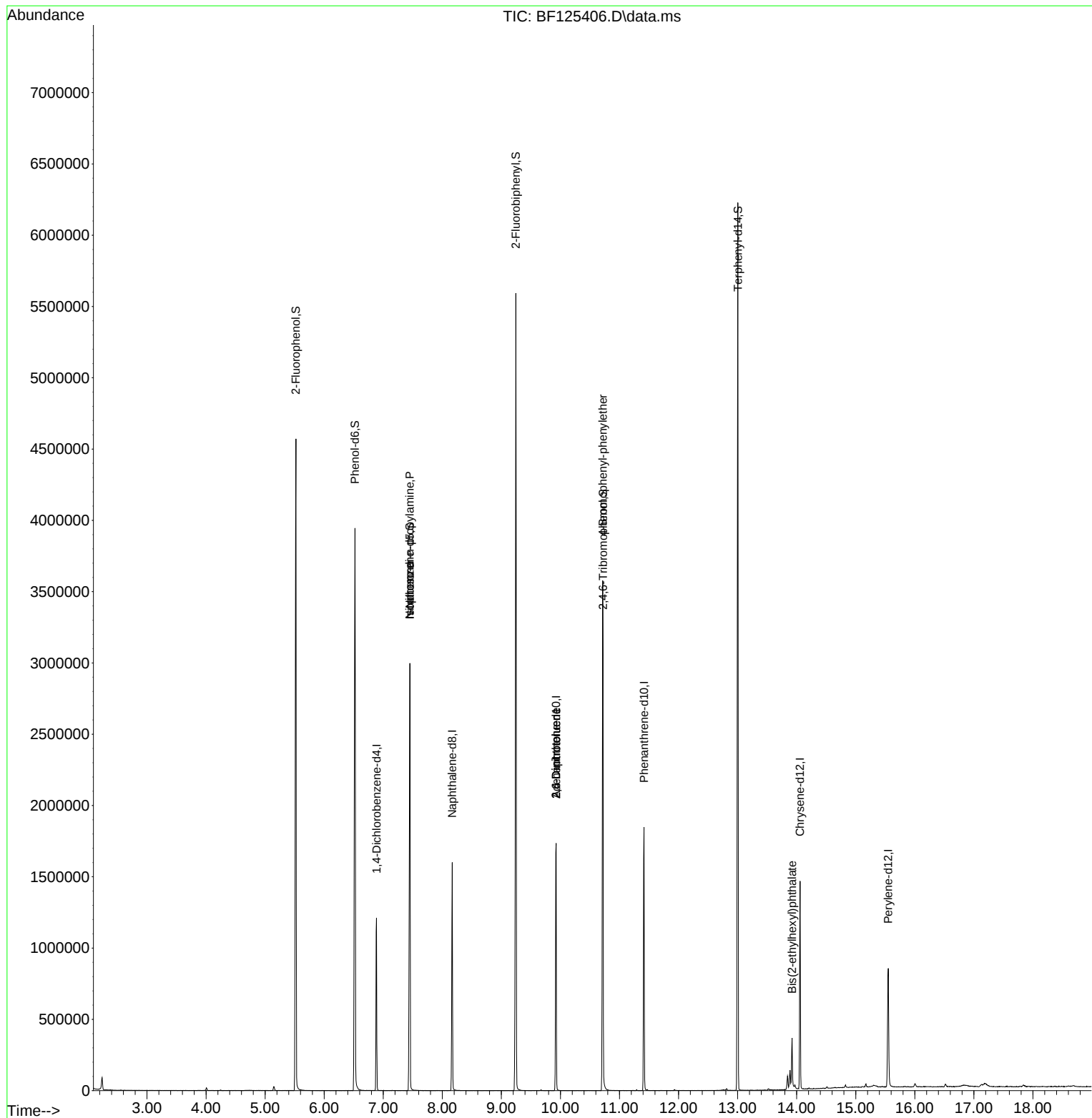
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	178849	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	710951	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	385985	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	703764	20.000	ng	0.00
76) Chrysene-d12	14.057	240	502325	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	422140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1248633	105.672	ng	0.01
7) Phenol-d6	6.522	99	1579491	103.356	ng	0.00
23) Nitrobenzene-d5	7.451	82	1067809	75.614	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	523525	135.875	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1925739	69.535	ng	0.00
79) Terphenyl-d14	13.004	244	2298892	72.908	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	144632	15.735	ng	# 55
25) Isophorone	7.451	82	1067802	39.196	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	49765	8.580	ng	# 27
57) 2,4-Dinitrotoluene	9.927	165	49765	7.089	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	31891	3.774	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.921	149	112111	4.818	ng	# 53

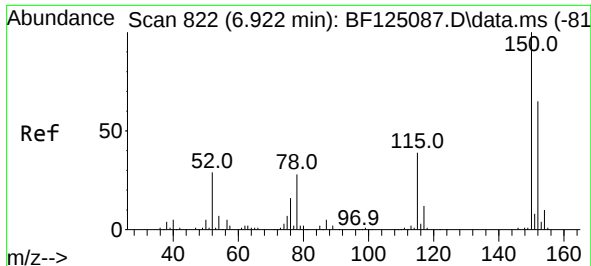
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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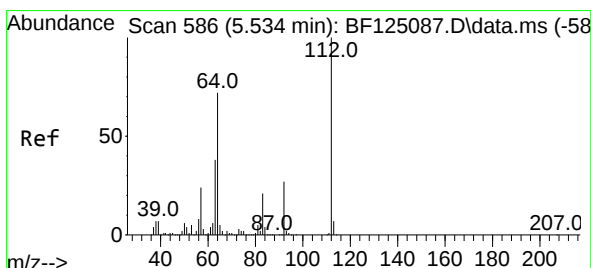
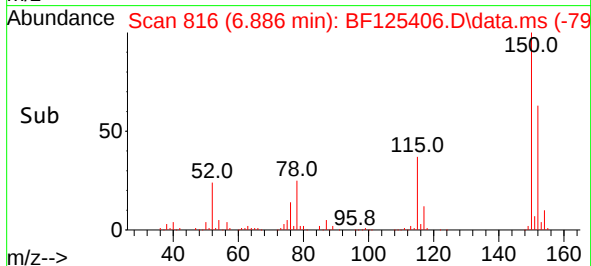
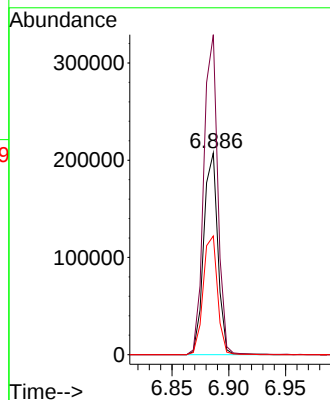
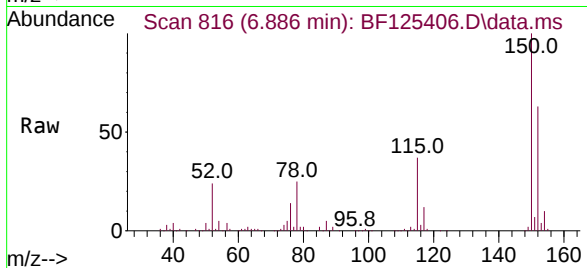




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125406.D
Acq: 9 Sep 2021 10:22

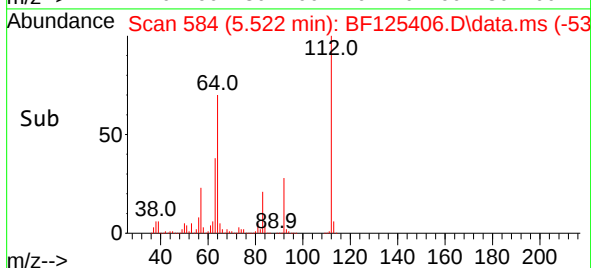
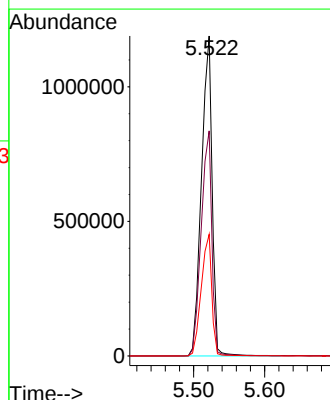
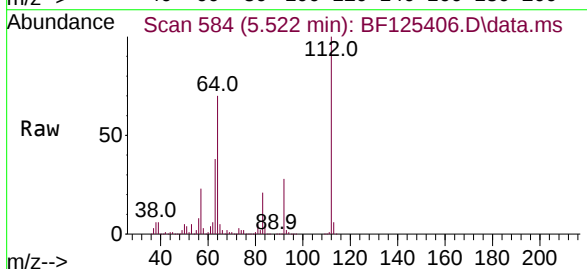
Instrument :
BNA_F
ClientSampleId :
PB138862BL

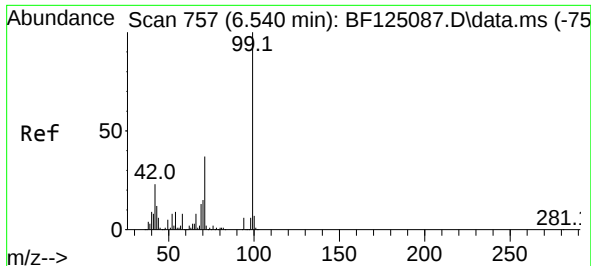
Tgt Ion:152 Resp: 178849
Ion Ratio Lower Upper
152 100
150 158.6 117.6 176.4
115 58.8 47.1 70.7



#5
2-Fluorophenol
Concen: 105.672 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF125406.D
Acq: 9 Sep 2021 10:22

Tgt Ion:112 Resp: 1248633
Ion Ratio Lower Upper
112 100
64 70.4 44.2 66.2#
63 38.0 26.2 39.2

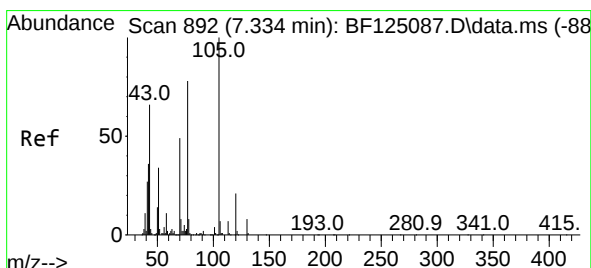
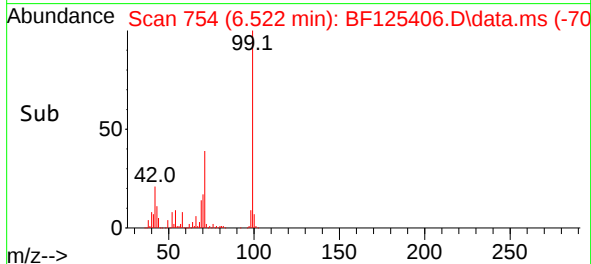
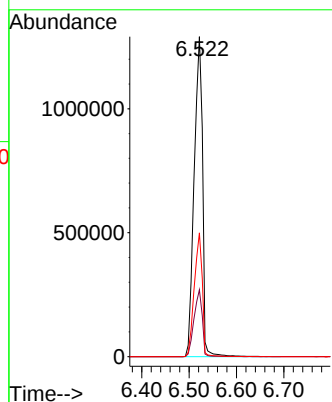
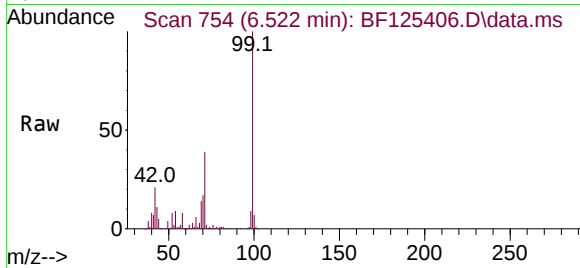




#7
Phenol-d6
Concen: 103.356 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF125406.D
Acq: 9 Sep 2021 10:22

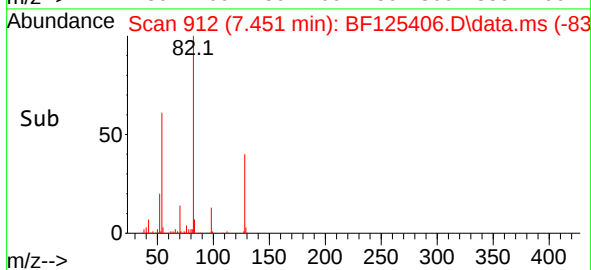
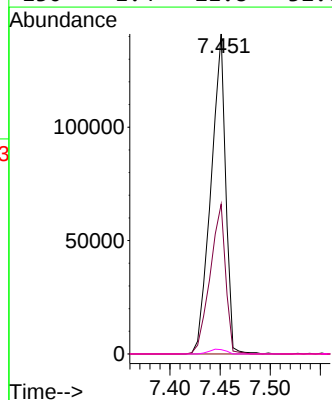
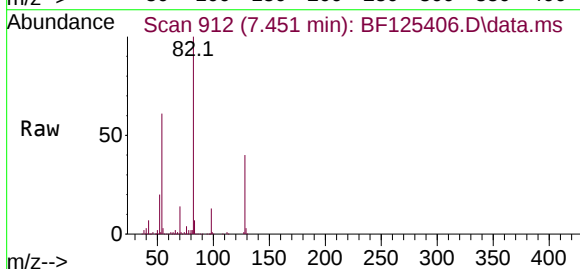
Instrument :
BNA_F
ClientSampleId :
PB138862BL

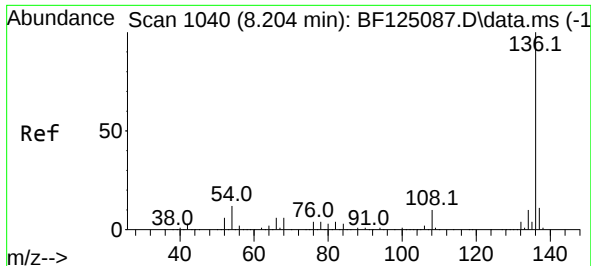
Tgt Ion: 99 Resp: 1579491
Ion Ratio Lower Upper
99 100
42 20.9 23.5 35.3#
71 38.7 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 15.735 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF125406.D
Acq: 9 Sep 2021 10:22

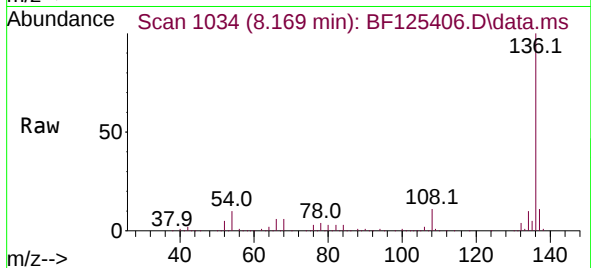
Tgt Ion: 70 Resp: 144632
Ion Ratio Lower Upper
70 100
42 46.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.4 21.8 32.6#



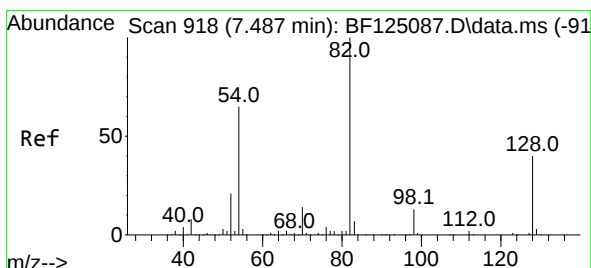
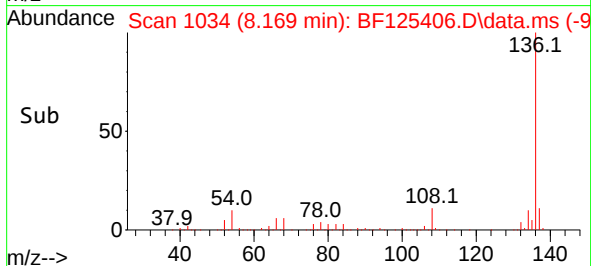
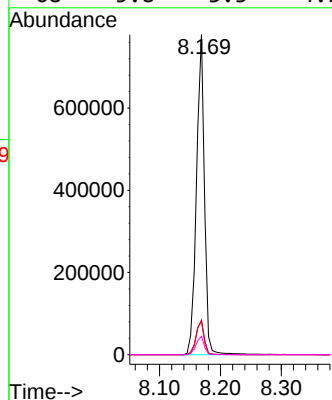


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125406.D
Acq: 9 Sep 2021 10:22

Instrument :
BNA_F
ClientSampleId :
PB138862BL

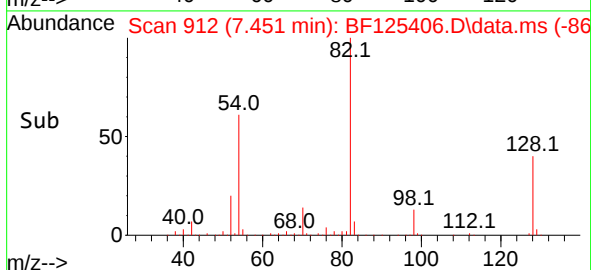
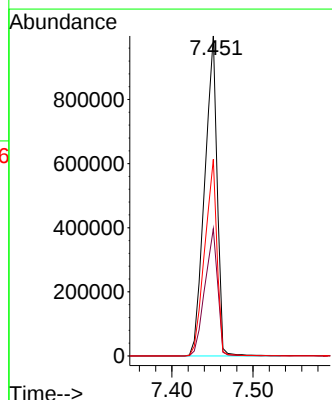
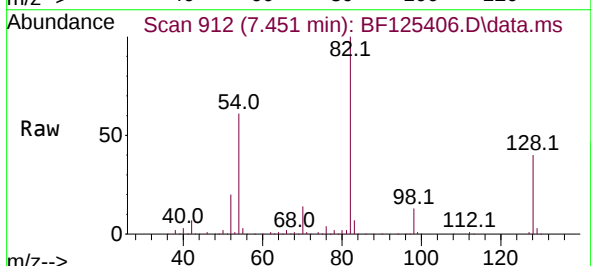


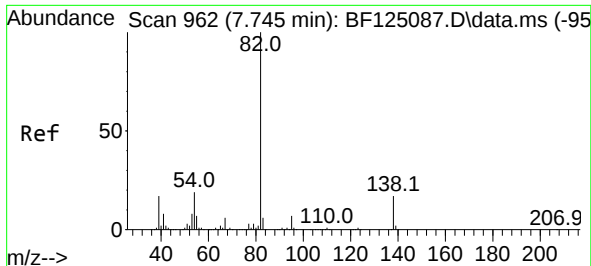
Tgt Ion:136 Resp: 710951
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.4 6.4 9.6#
68 5.8 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 75.614 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125406.D
Acq: 9 Sep 2021 10:22

Tgt Ion: 82 Resp: 1067809
Ion Ratio Lower Upper
82 100
128 39.7 40.6 60.8#
54 61.5 49.6 74.4

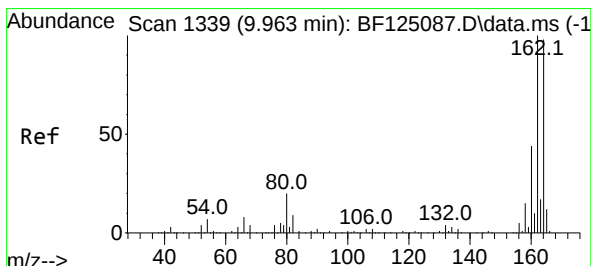
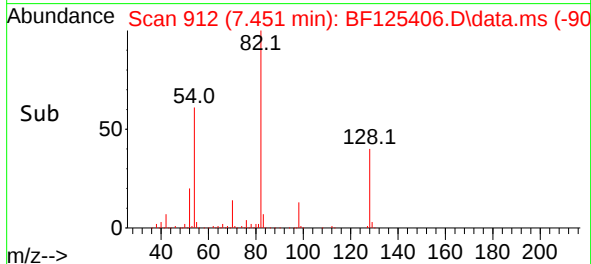
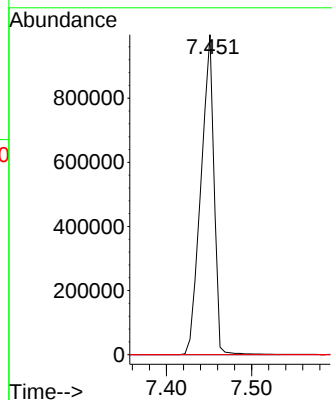
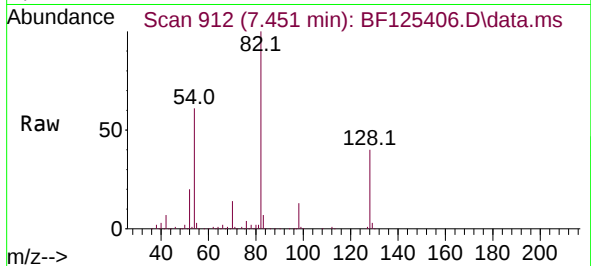




#25
Isophorone
Concen: 39.196 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF125406.D
Acq: 9 Sep 2021 10:22

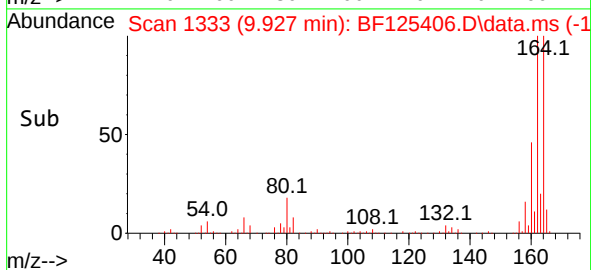
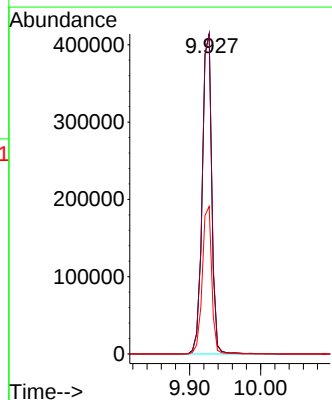
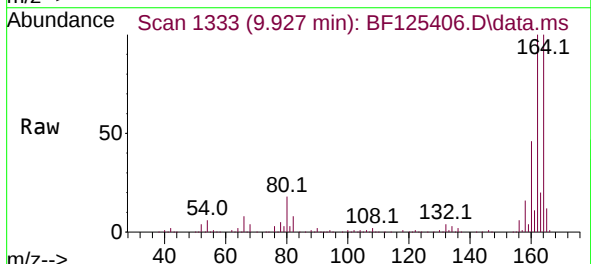
Instrument :
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ClientSampleId :
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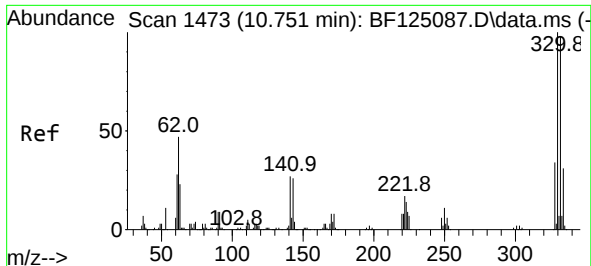
Tgt Ion: 82 Resp: 1067802
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF125406.D
Acq: 9 Sep 2021 10:22

Tgt Ion: 164 Resp: 385985
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 46.1 38.0 57.0

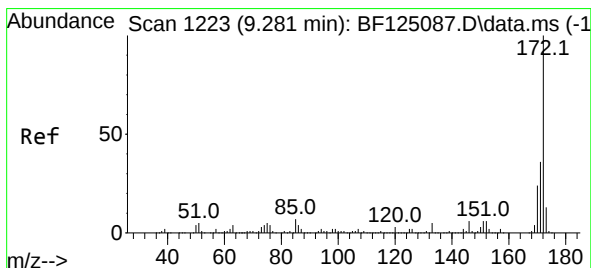
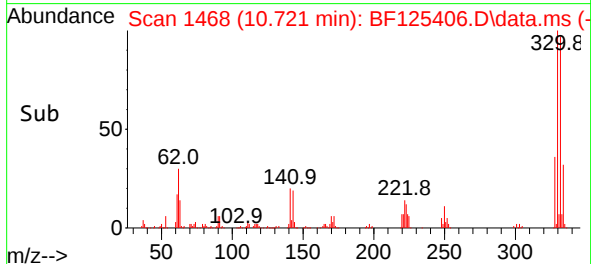
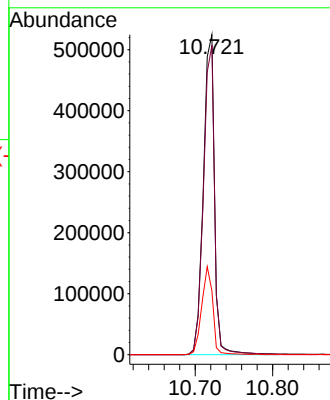
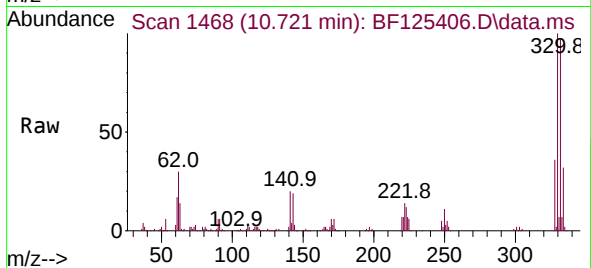




#42
2,4,6-Tribromophenol
Concen: 135.875 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BF125406.D
Acq: 9 Sep 2021 10:22

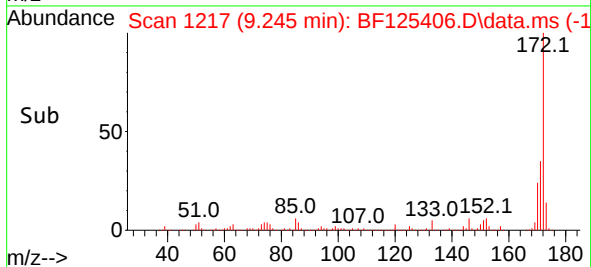
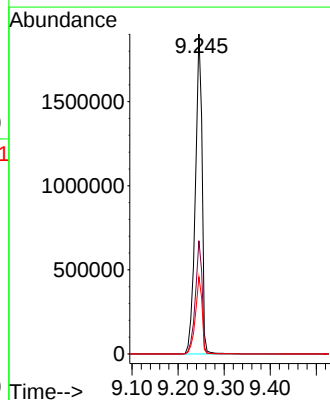
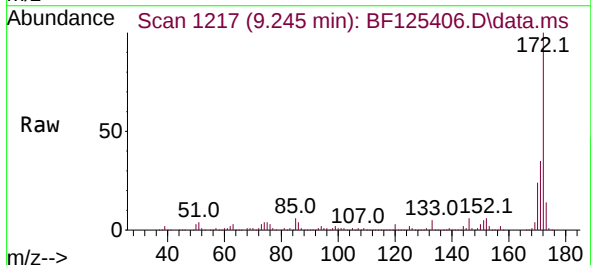
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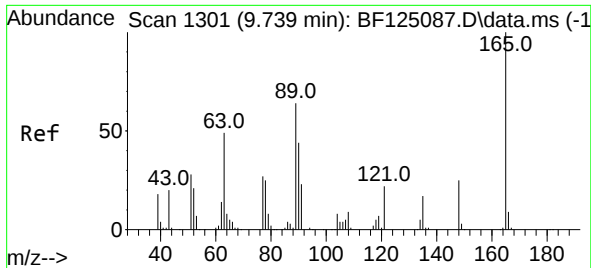
Tgt Ion:330 Resp: 523525
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 27.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 69.535 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125406.D
Acq: 9 Sep 2021 10:22

Tgt Ion:172 Resp: 1925739
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.1 18.8 28.2

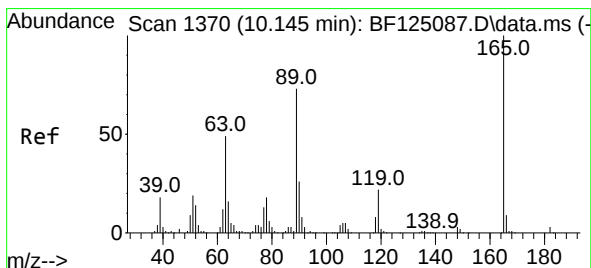
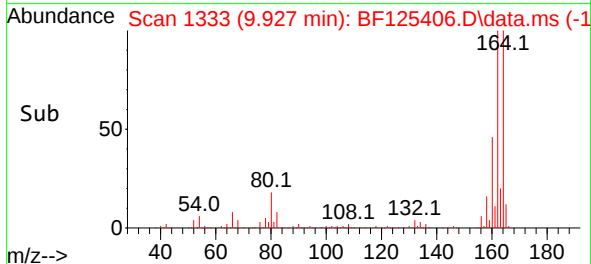
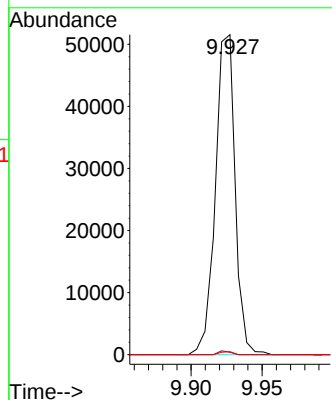
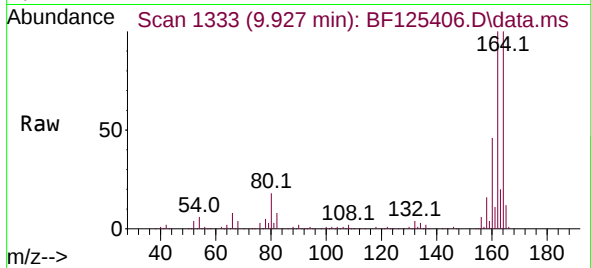




#51
2,6-Dinitrotoluene
Concen: 8.580 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF125406.D
Acq: 9 Sep 2021 10:22

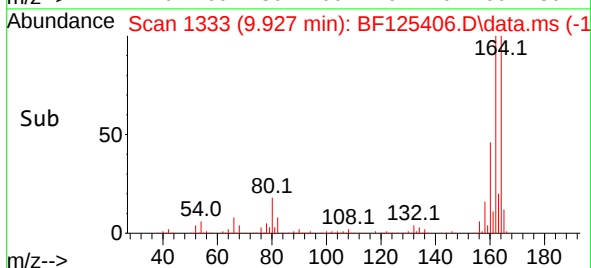
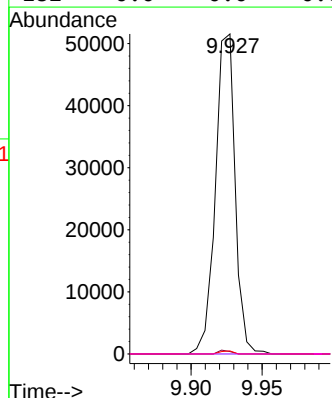
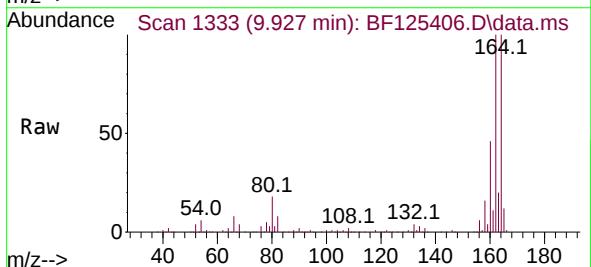
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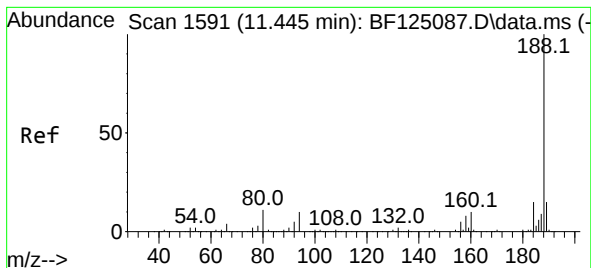
Tgt Ion:165 Resp: 49765
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.089 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF125406.D
Acq: 9 Sep 2021 10:22

Tgt Ion:165 Resp: 49765
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF125406.D

Acq: 9 Sep 2021 10:22

Tgt Ion:188 Resp: 703764

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

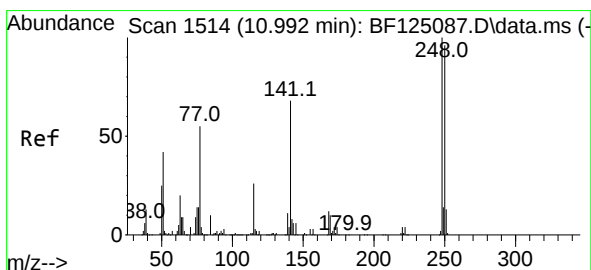
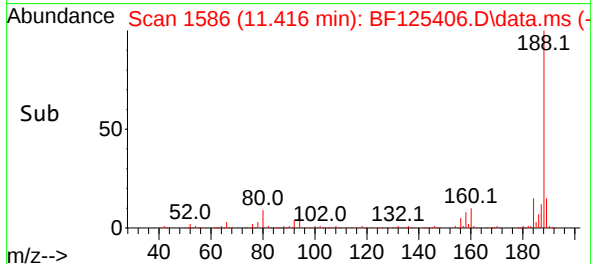
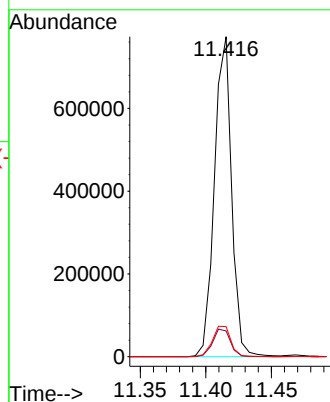
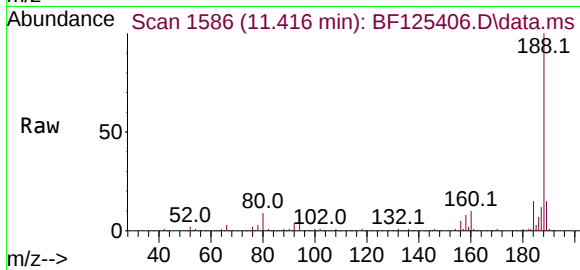
80 9.4 7.5 11.3

Instrument :

BNA_F

ClientSampleId :

PB138862BL



#67

4-Bromophenyl-phenylether

Concen: 3.774 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.241 min

Lab File: BF125406.D

Acq: 9 Sep 2021 10:22

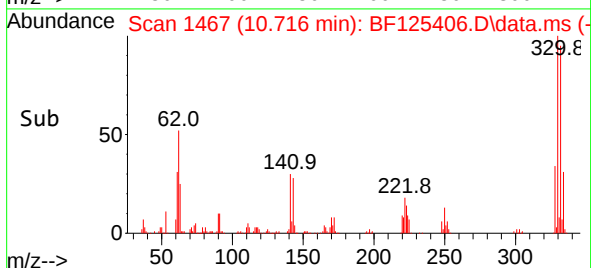
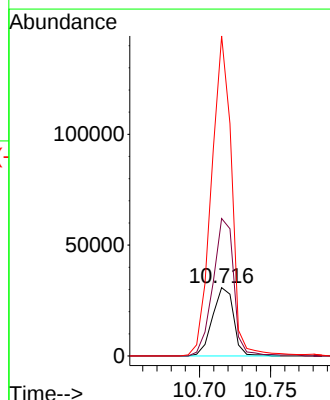
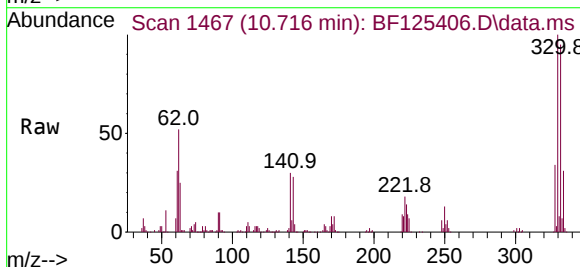
Tgt Ion:248 Resp: 31891

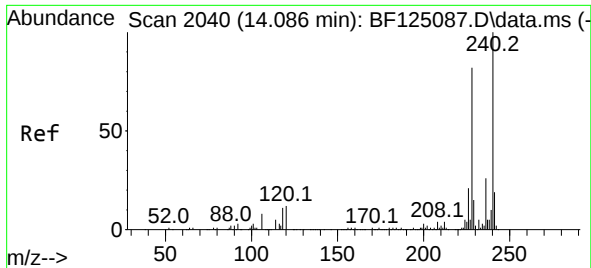
Ion Ratio Lower Upper

248 100

250 201.1 74.2 111.4#

141 468.3 60.4 90.6#

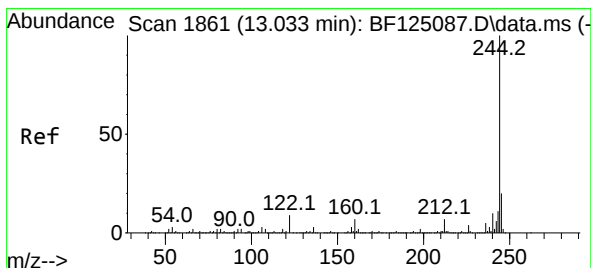
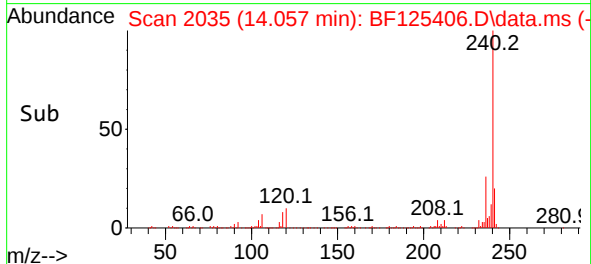
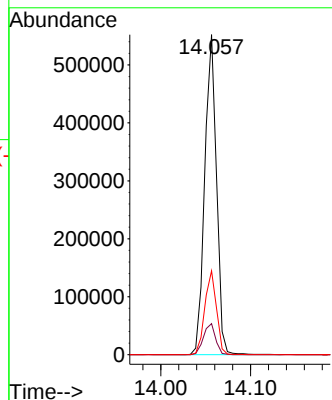
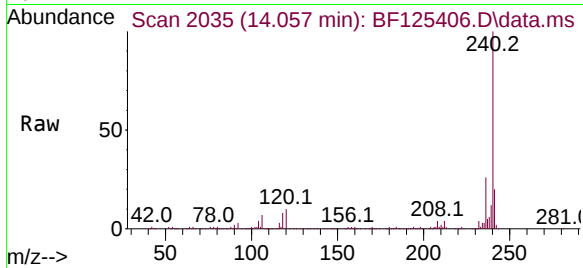




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125406.D
Acq: 9 Sep 2021 10:22

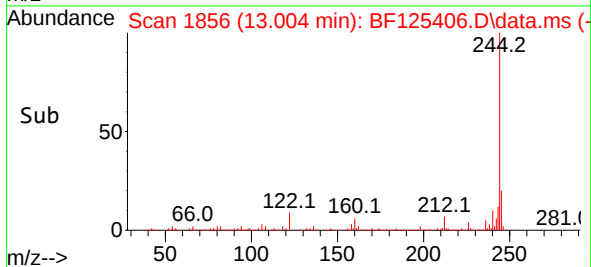
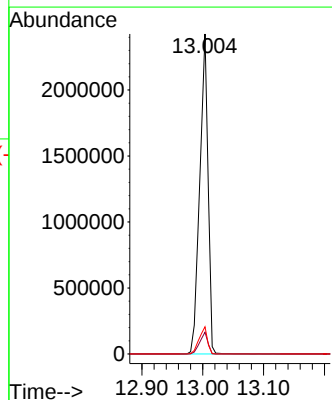
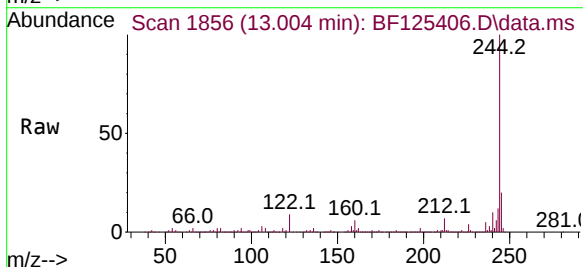
Instrument :
BNA_F
ClientSampleId :
PB138862BL

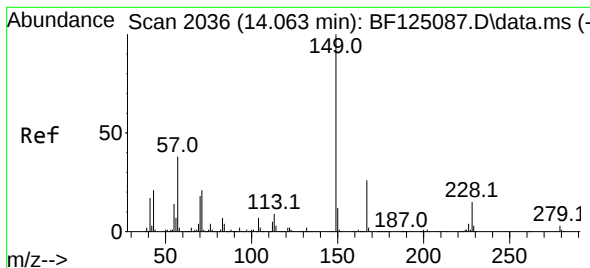
Tgt Ion:240 Resp: 502325
Ion Ratio Lower Upper
240 100
120 9.7 10.8 16.2#
236 26.2 21.6 32.4



#79
Terphenyl-d14
Concen: 72.908 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BF125406.D
Acq: 9 Sep 2021 10:22

Tgt Ion:244 Resp: 2298892
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.5 9.0 13.4#

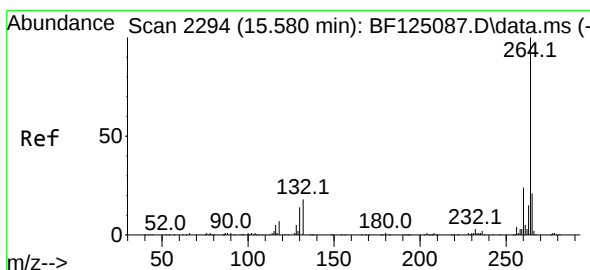
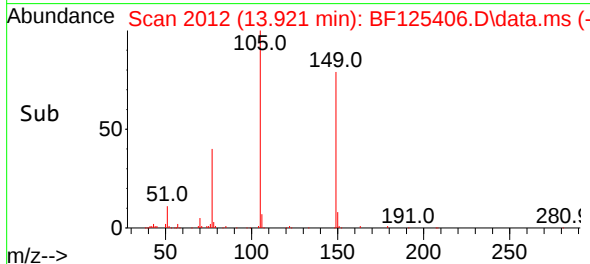
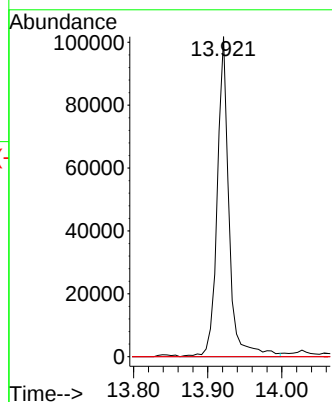
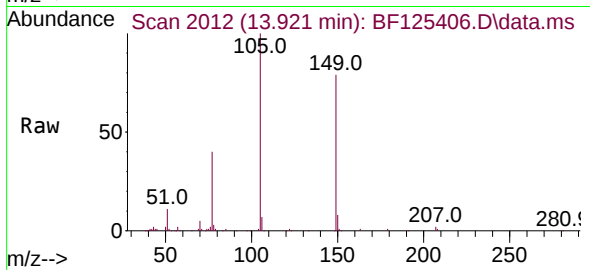




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.818 ng
 RT: 13.921 min Scan# 2012
 Delta R.T. -0.106 min
 Lab File: BF125406.D
 Acq: 9 Sep 2021 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB138862BL

Tgt Ion:149 Resp: 112111
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.4 32.0#
 279 0.0 2.6 4.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF125406.D
 Acq: 9 Sep 2021 10:22

Tgt Ion:264 Resp: 422140
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 21.7 17.2 25.8

